

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114650.D
 Acq On : 30 May 2019 8:52
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:51:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	432008	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1708351	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	836213	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1542444	20.00	ng	0.00
76) Chrysene-d12	13.82	240	920171	20.00	ng	0.00
87) Perylene-d12	15.21	264	1120024	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1946866	79.12	ng	0.00
7) Phenol-d6	6.33	99	2413553	81.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	2260447	82.55	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	652560	81.90	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3644284	81.14	ng	0.00
79) Terphenyl-d14	12.78	244	3836537	78.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	483666	40.961	ng	99
3) Pyridine	3.05	79	1387608	40.379	ng	100
4) n-Nitrosodimethylamine	3.00	42	561191	40.354	ng	99
6) Aniline	6.36	93	1807038	40.347	ng	99
8) 2-Chlorophenol	6.48	128	1164152	40.968	ng	98
9) Benzaldehyde	6.24	77	709432	43.981	ng	96
10) Phenol	6.35	94	1421012	39.672	ng	93
11) bis(2-Chloroethyl)ether	6.44	93	1124814	41.055	ng	97
12) 1,3-Dichlorobenzene	6.64	146	1324626	40.915	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1330836	40.976	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1213988	41.056	ng	98
15) Benzyl Alcohol	6.84	79	954729	40.934	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1671224	39.770	ng	100
17) 2-Methylphenol	6.95	107	974625	40.551	ng	99
18) Hexachloroethane	7.21	117	499459	40.617	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	805491	39.356	ng	99
20) 3+4-Methylphenols	7.11	107	1065474	37.693	ng	97
22) Acetophenone	7.11	105	1473866	40.491	ng	# 97
24) Nitrobenzene	7.28	77	1208101	41.534	ng	95
25) Isophorone	7.52	82	2187016	39.798	ng	100
26) 2-Nitrophenol	7.59	139	600701	42.427	ng	99
27) 2,4-Dimethylphenol	7.64	122	969049	41.153	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1421056	40.623	ng	100
29) 2,4-Dichlorophenol	7.83	162	1003055	41.850	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	1149755	42.105	ng	99
31) Naphthalene	8.00	128	3110977	39.535	ng	99
32) Benzoic acid	7.76	122	579781	37.908	ng	97
33) 4-Chloroaniline	8.05	127	1518752	40.511	ng	99
34) Hexachlorobutadiene	8.13	225	640984	42.255	ng	100
35) Caprolactam	8.43	113	319948	39.556	ng	99
36) 4-Chloro-3-methylphenol	8.53	107	981398	40.830	ng	98
37) 2-Methylnaphthalene	8.69	142	2139637	40.924	ng	99
38) 1-Methylnaphthalene	8.79	142	2010764	40.592	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	935367	42.003	ng	100

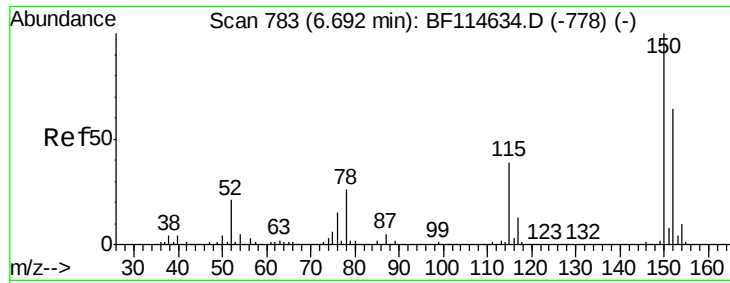
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114650.D
 Acq On : 30 May 2019 8:52
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:51:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	584726	39.735	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	736220	42.017	ng	97
44) 2,4,5-Trichlorophenol	9.00	196	732903	41.915	ng	97
46) 1,1'-Biphenyl	9.15	154	2476097	39.890	ng	99
47) 2-Chloronaphthalene	9.17	162	2112109	41.481	ng	99
48) 2-Nitroaniline	9.26	65	649992	41.366	ng	98
49) Acenaphthylene	9.59	152	3055327	38.841	ng	98
50) Dimethylphthalate	9.46	163	2331701	40.016	ng	99
51) 2,6-Dinitrotoluene	9.51	165	545187	40.266	ng	97
52) Acenaphthene	9.76	154	1967310	40.780	ng	99
53) 3-Nitroaniline	9.67	138	670206	40.445	ng	97
54) 2,4-Dinitrophenol	9.77	184	227666	42.630	ng	90
55) Dibenzofuran	9.93	168	2697168	39.277	ng	98
56) 4-Nitrophenol	9.83	139	495725	40.369	ng	90
57) 2,4-Dinitrotoluene	9.91	165	721518	41.523	ng	89
58) Fluorene	10.27	166	1852660	39.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	599728	41.904	ng	100
60) Diethylphthalate	10.15	149	2356347	39.594	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	944950	40.034	ng	100
62) 4-Nitroaniline	10.29	138	648068	40.134	ng	98
63) Azobenzene	10.42	77	2157961	39.495	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	300553	43.944	ng	81
66) n-Nitrosodiphenylamine	10.38	169	1909199	41.894	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	696047	42.081	ng	97
68) Hexachlorobenzene	10.82	284	752542	42.005	ng	99
69) Atrazine	10.91	200	569657	38.620	ng	99
70) Pentachlorophenol	11.00	266	438806	42.490	ng	98
71) Phenanthrene	11.22	178	2989955	38.000	ng	99
72) Anthracene	11.27	178	3011338	37.815	ng	98
73) Carbazole	11.42	167	2784646	39.788	ng	99
74) Di-n-butylphthalate	11.77	149	3378674	38.563	ng	99
75) Fluoranthene	12.40	202	3060347	37.562	ng	98
77) Benzidine	12.52	184	1566113	41.332	ng	99
78) Pyrene	12.63	202	3096080	39.775	ng	98
80) Butylbenzylphthalate	13.26	149	1536960	39.289	ng	99
81) Benzo(a)anthracene	13.81	228	2867075	40.546	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	1147116	42.006	ng	99
83) Chrysene	13.84	228	2703320	40.014	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1905164	39.393	ng	100
85) Di-n-octyl phthalate	14.43	149	3318720	39.495	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2660062	39.313	ng	100
88) Benzo(b)fluoranthene	14.83	252	2951330	41.837	ng	99
89) Benzo(k)fluoranthene	14.85	252	2391087	38.997	ng	99
90) Benzo(a)pyrene	15.16	252	2515421	40.590	ng	97
91) Dibenzo(a,h)anthracene	16.56	278	2186751	39.932	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2107420	39.650	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

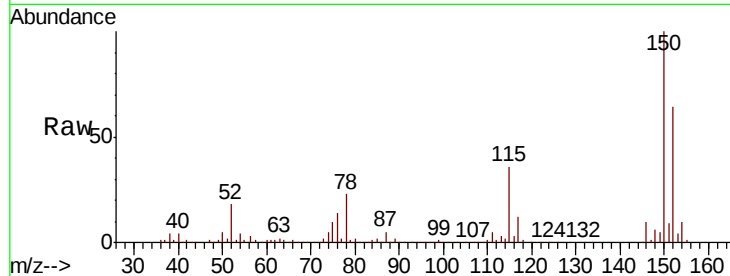


#1

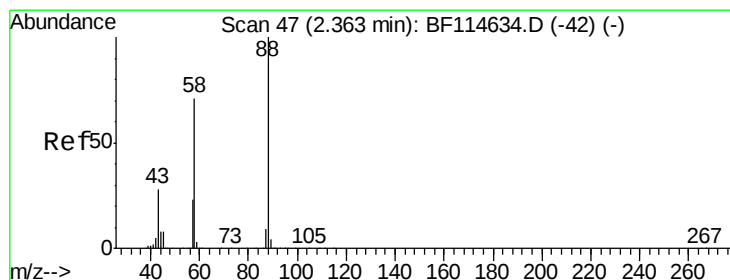
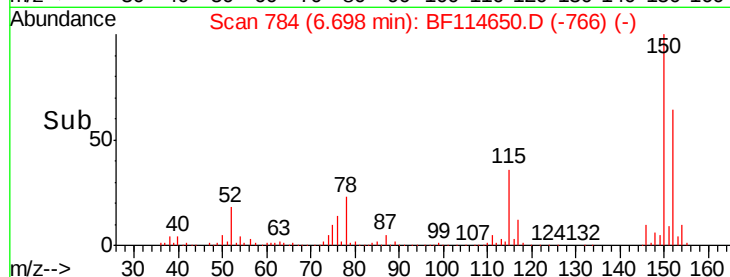
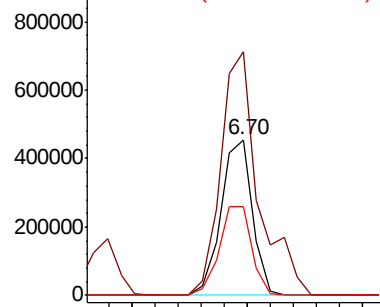
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 432008
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 57.0 48.7 73.1



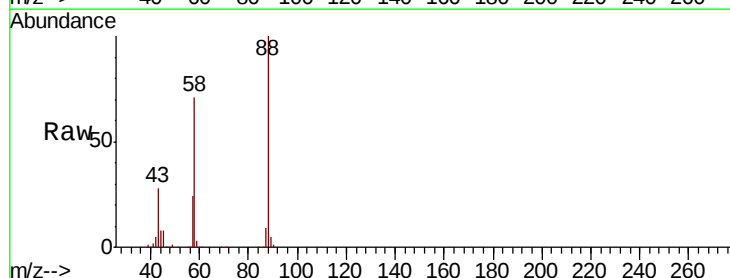
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



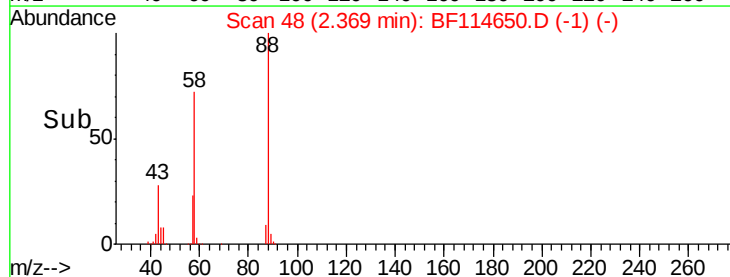
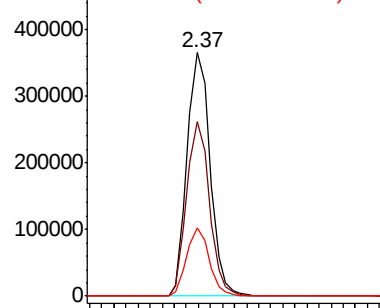
#2

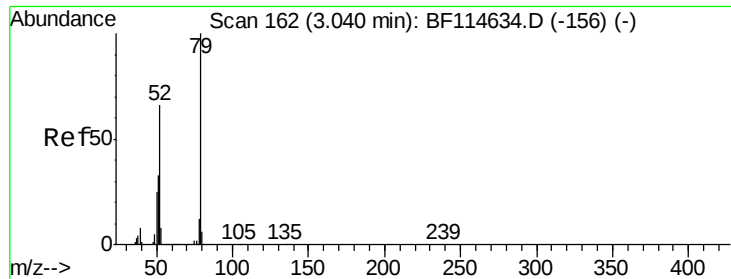
1,4-Dioxane
Concen: 40.961 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion: 88 Resp: 483666
Ion Ratio Lower Upper
88 100
58 70.7 57.2 85.8
43 27.3 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.379 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

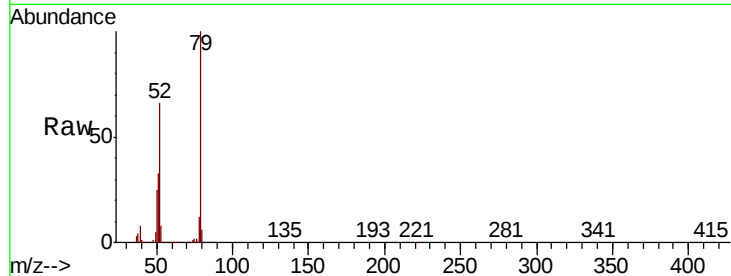
Tot Ion: 79 Resp: 1387608

Ion Ratio Lower Upper

79 100

52 65.7 52.8 79.2

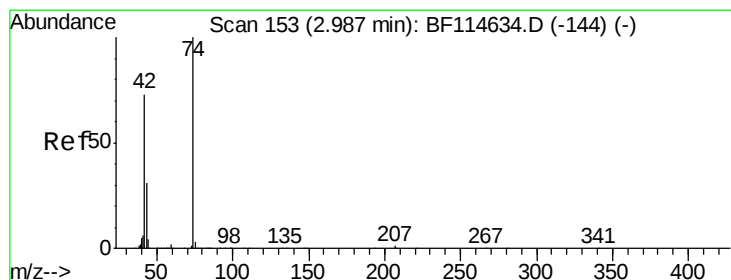
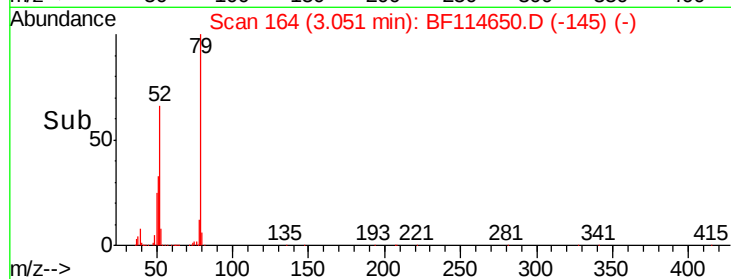
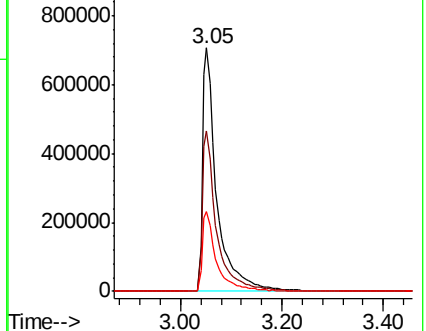
51 32.6 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.354 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

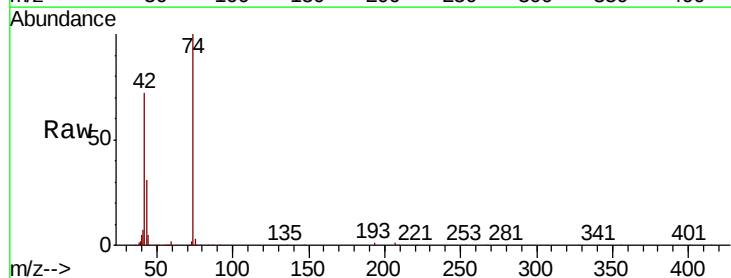
Tgt Ion: 42 Resp: 561191

Ion Ratio Lower Upper

42 100

74 138.9 110.0 165.0

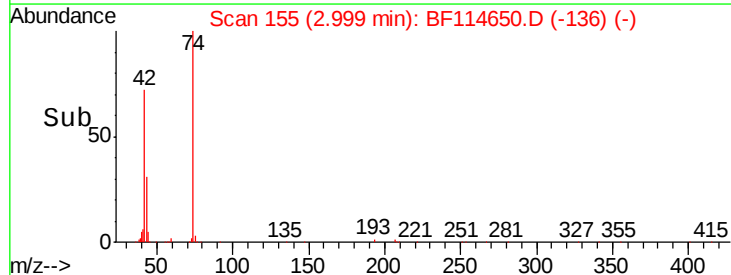
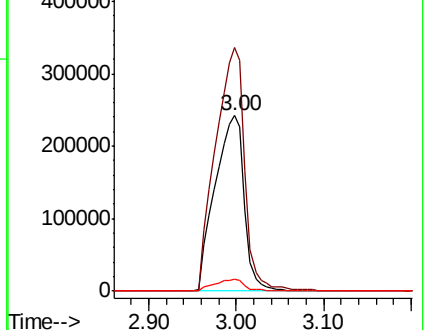
44 6.8 5.6 8.4

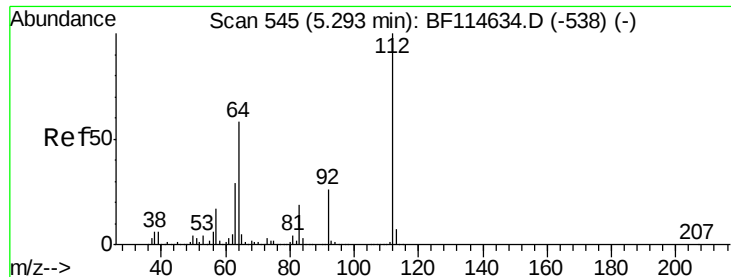


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.122 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

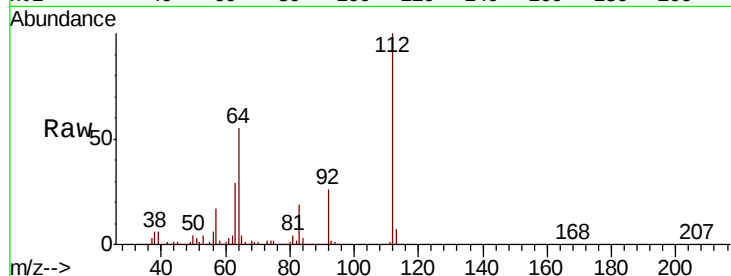
Tot Ion:112 Resp: 1946866

Ion Ratio Lower Upper

112 100

64 55.4 46.1 69.1

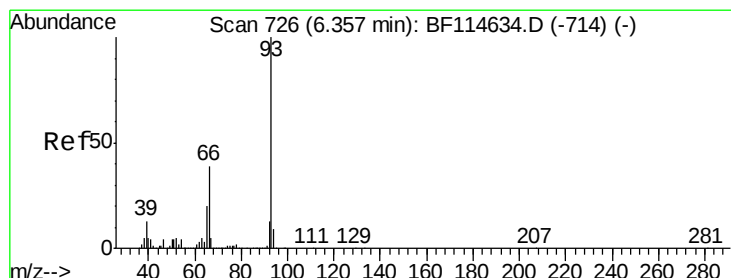
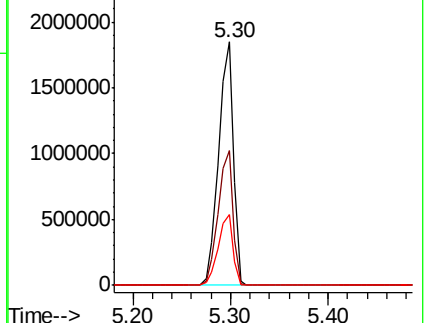
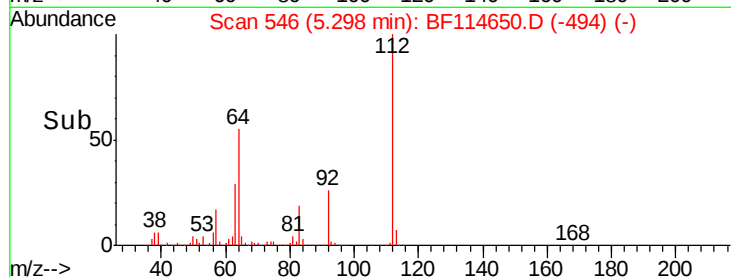
63 29.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.347 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

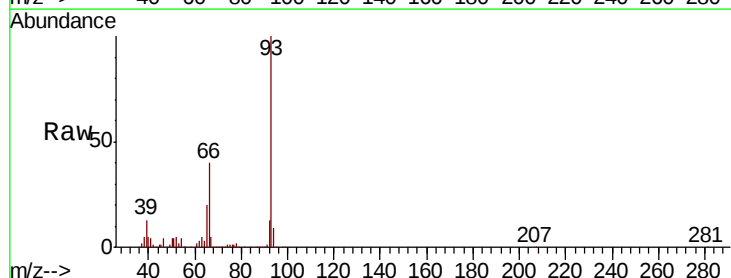
Tgt Ion: 93 Resp: 1807038

Ion Ratio Lower Upper

93 100

66 39.9 31.4 47.2

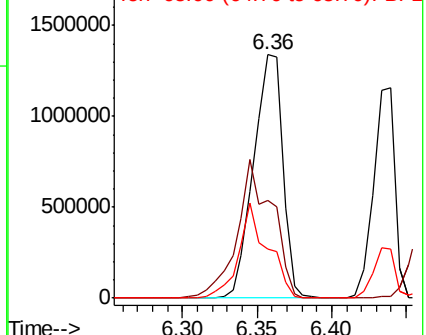
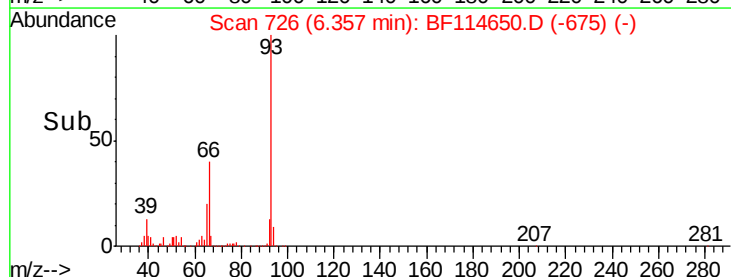
65 20.2 16.2 24.2

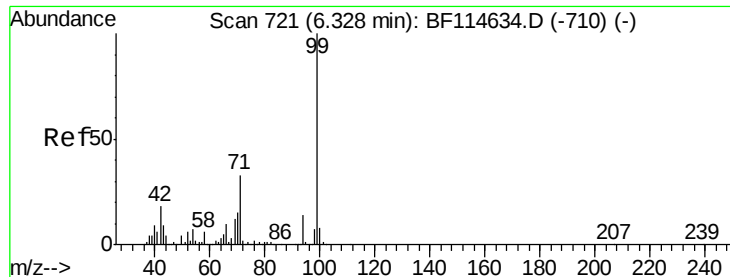


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.399 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

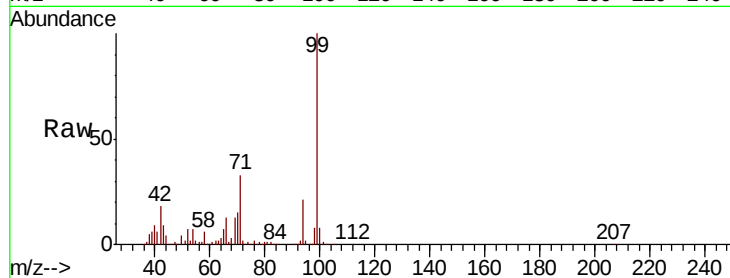
Tot Ion: 99 Resp: 2413553

Ion Ratio Lower Upper

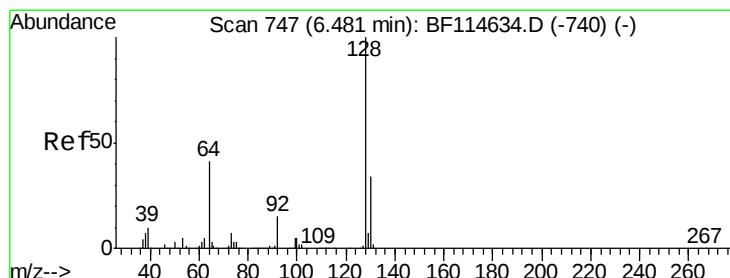
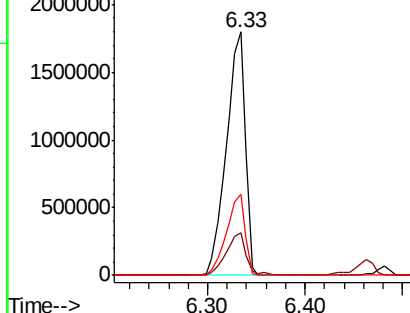
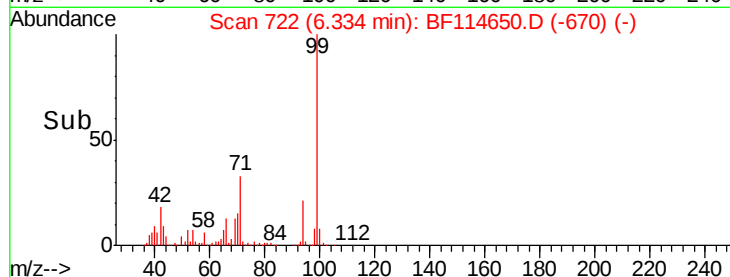
99 100

42 17.6 14.7 22.1

71 33.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.968 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

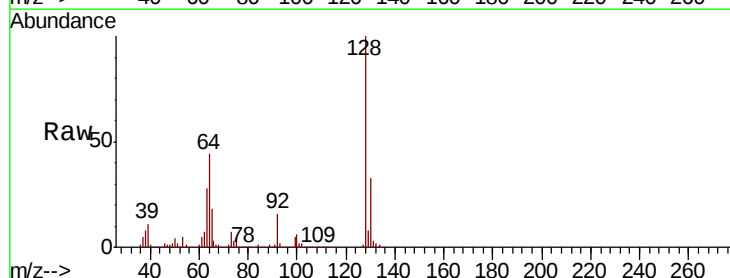
Tgt Ion:128 Resp: 1164152

Ion Ratio Lower Upper

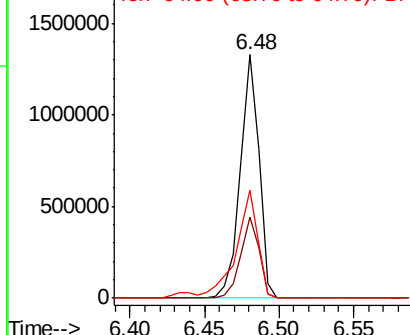
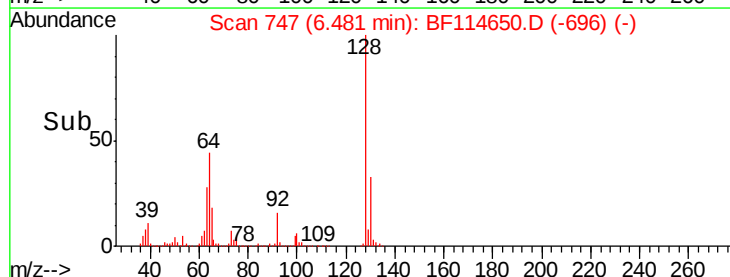
128 100

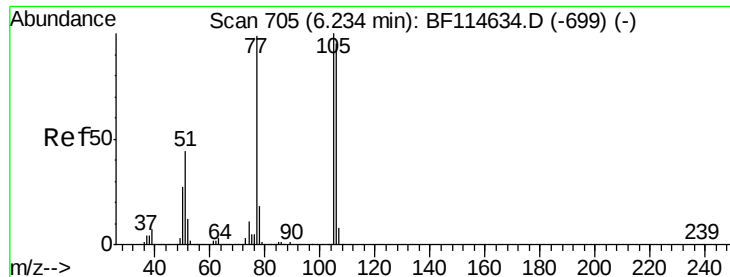
130 33.4 13.9 53.9

64 44.3 22.0 62.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.981 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

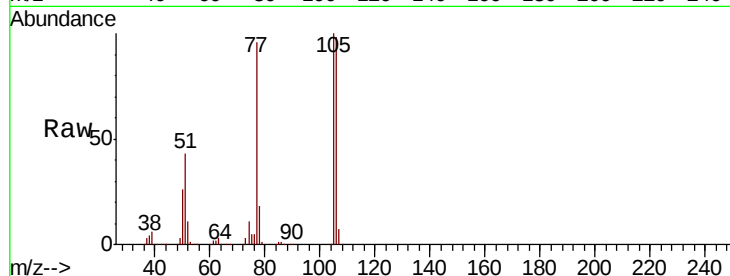
Tot Ion: 77 Resp: 709432

Ion Ratio Lower Upper

77 100

105 103.9 80.8 120.8

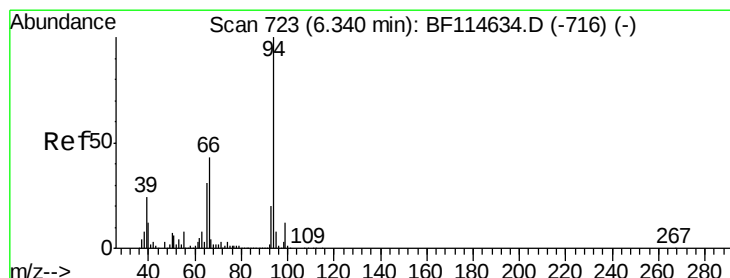
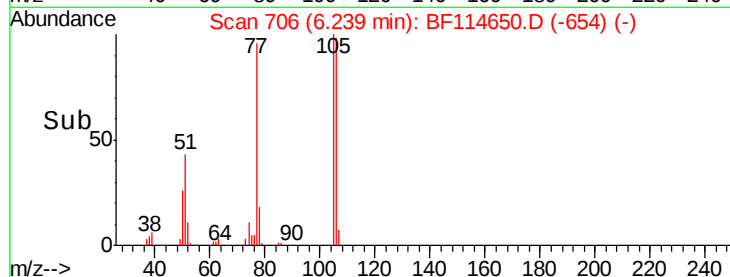
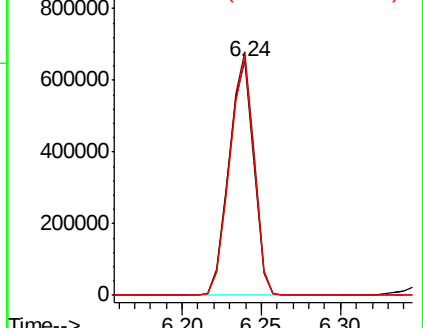
106 101.8 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.672 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

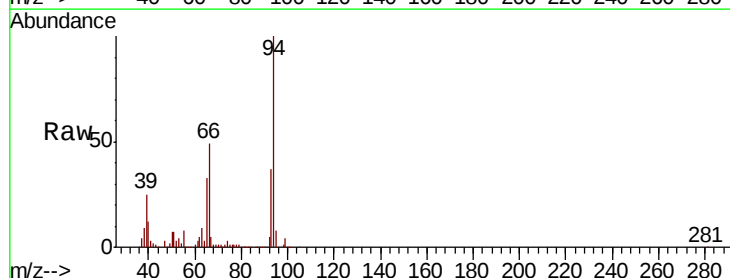
Tgt Ion: 94 Resp: 1421012

Ion Ratio Lower Upper

94 100

65 33.4 11.0 51.0

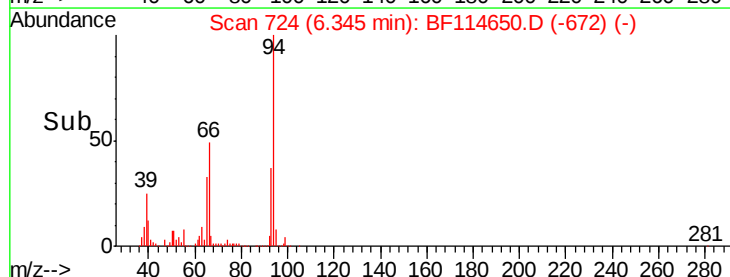
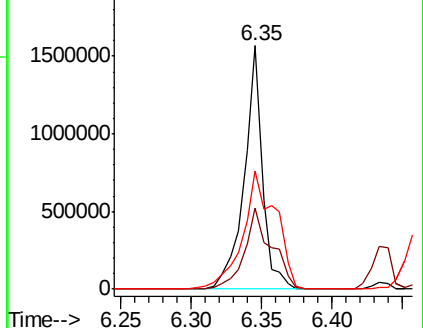
66 48.5 23.0 63.0

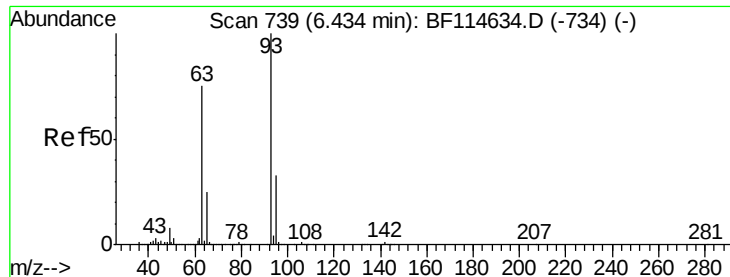


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



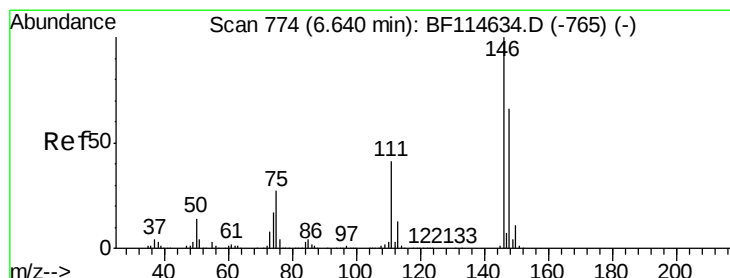
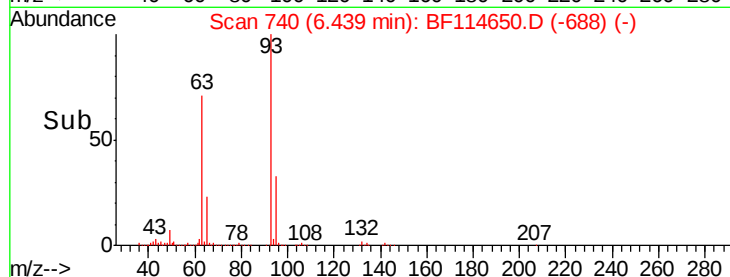
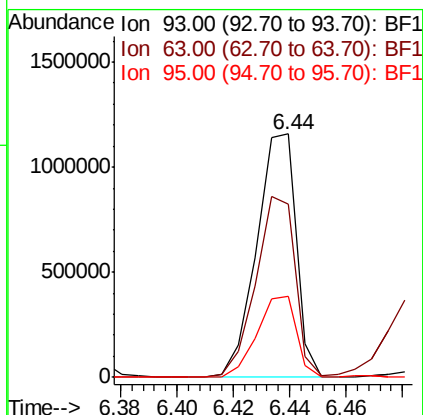
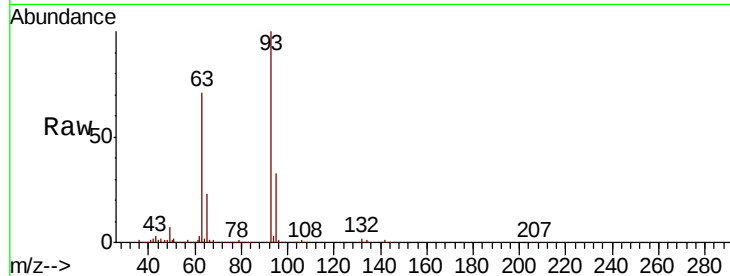


#11
bis(2-Chloroethyl)ether
Concen: 41.055 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1124814

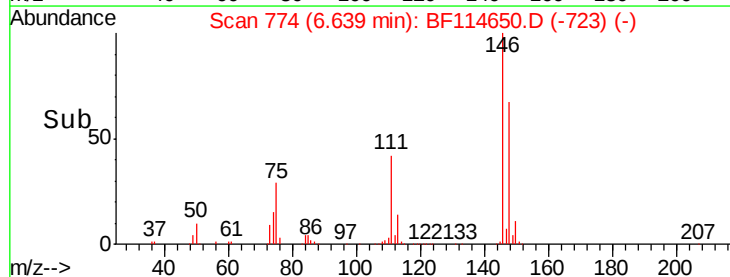
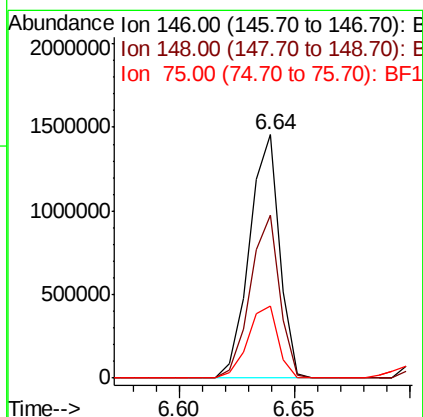
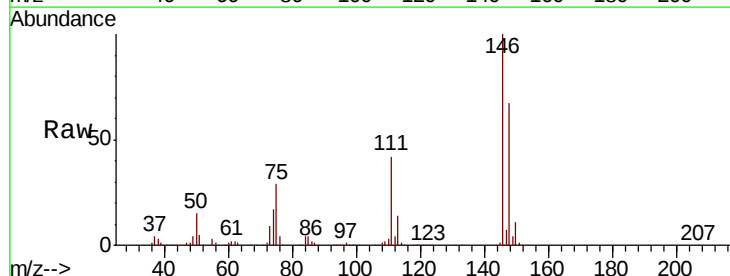
Ion	Ratio	Lower	Upper
93	100		
63	71.1	55.0	95.0
95	33.4	13.5	53.5

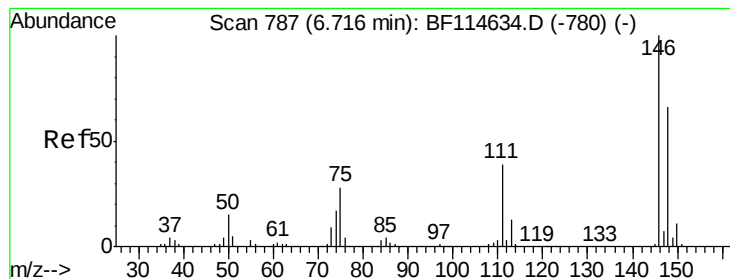


#12
1,3-Dichlorobenzene
Concen: 40.915 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion: 146 Resp: 1324626

Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
75	29.5	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 40.976 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

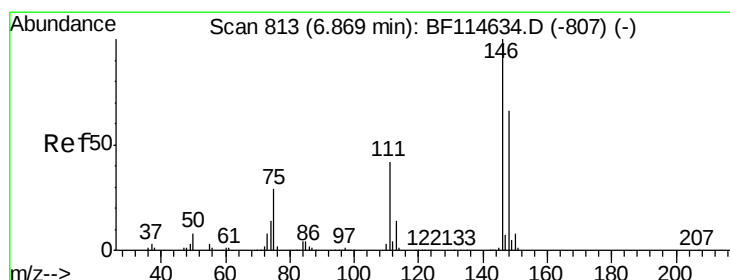
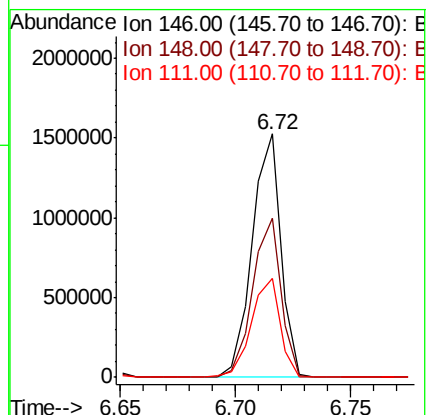
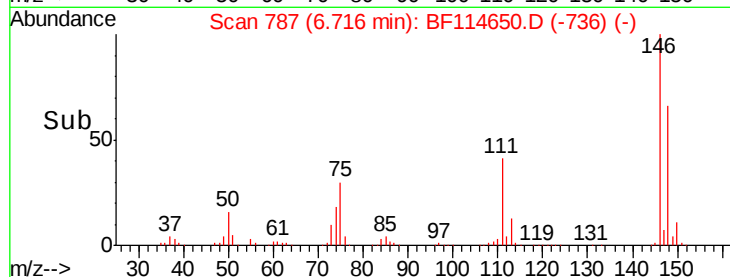
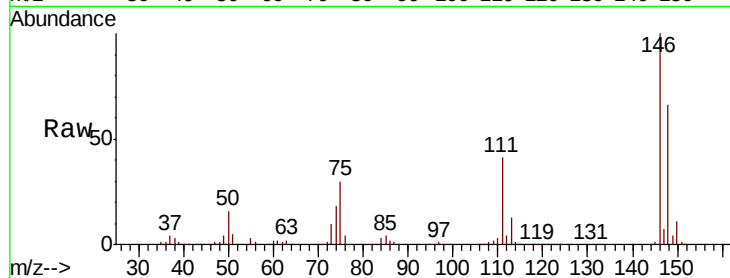
Tot Ion:146 Resp: 1330836

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

111 40.9 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 41.056 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

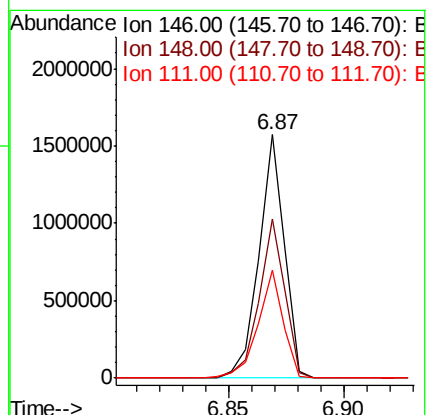
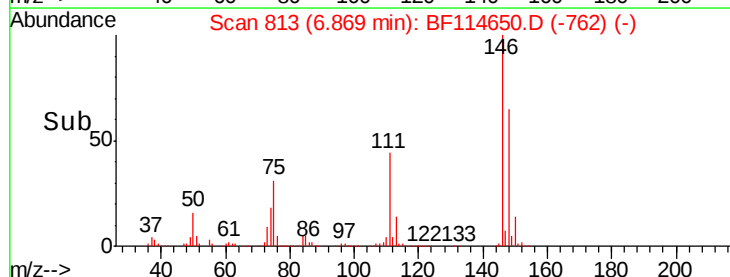
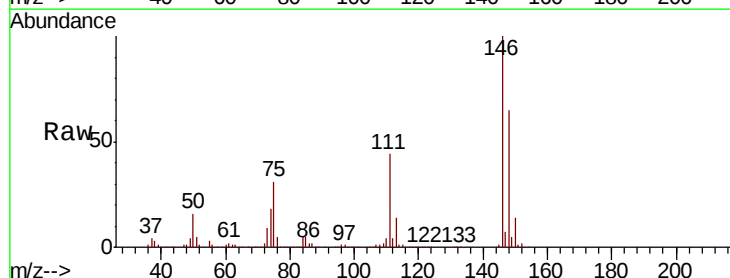
Tgt Ion:146 Resp: 1213988

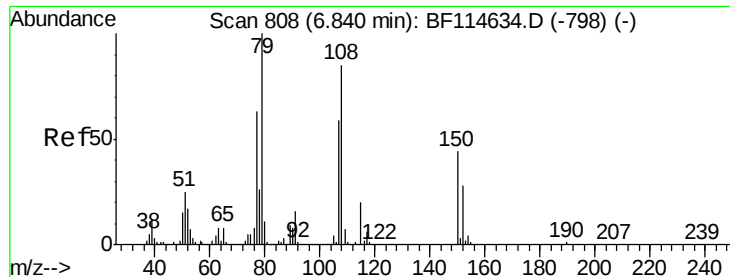
Ion Ratio Lower Upper

146 100

148 65.1 52.6 79.0

111 44.4 34.1 51.1





#15

Benzyl Alcohol

Concen: 40.934 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

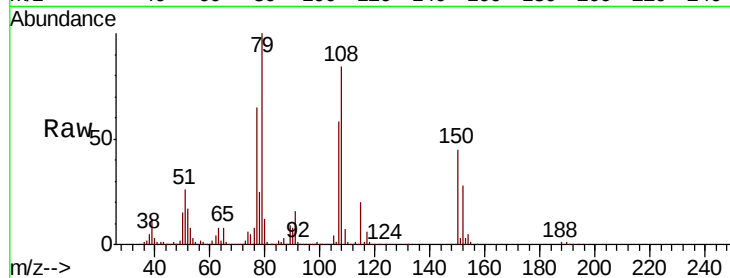
Tot Ion: 79 Resp: 954729

Ion Ratio Lower Upper

79 100

108 83.8 67.8 101.8

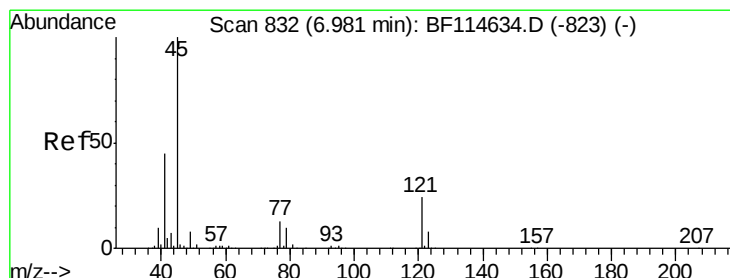
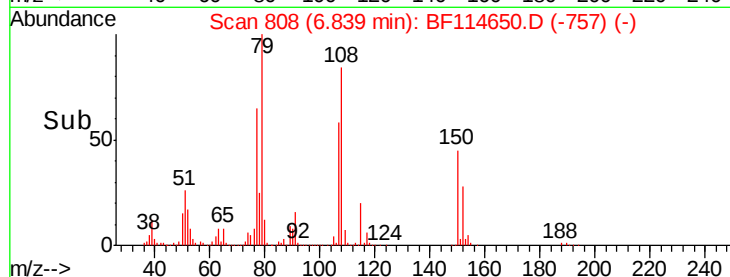
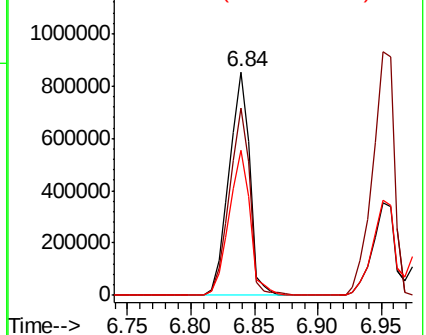
77 64.9 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.770 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

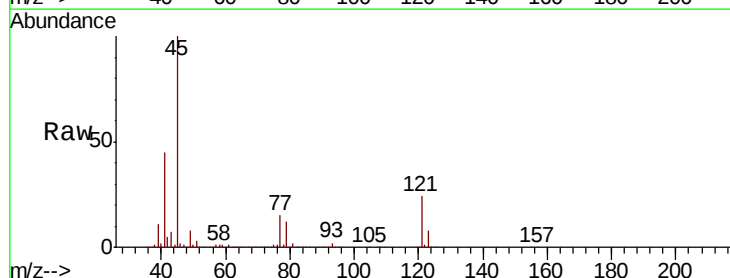
Tgt Ion: 45 Resp: 1671224

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.7

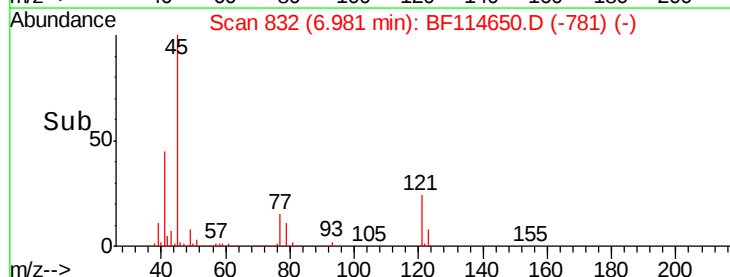
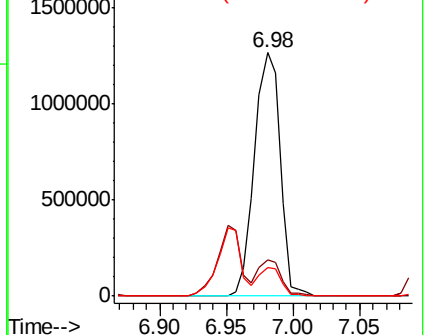
79 11.5 0.0 31.3

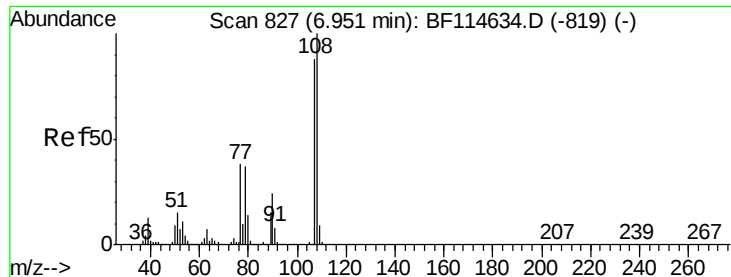


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.551 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 974625

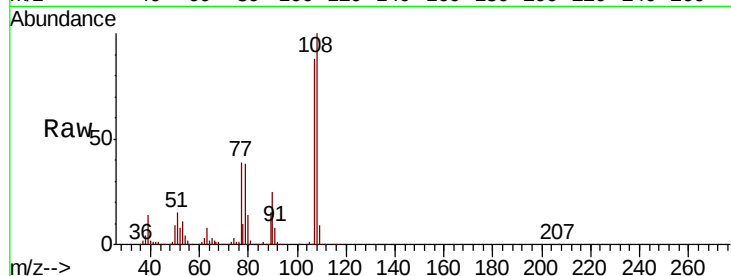
Ion Ratio Lower Upper

107 100

108 113.4 91.1 136.7

77 44.4 34.9 52.3

79 43.1 33.8 50.6

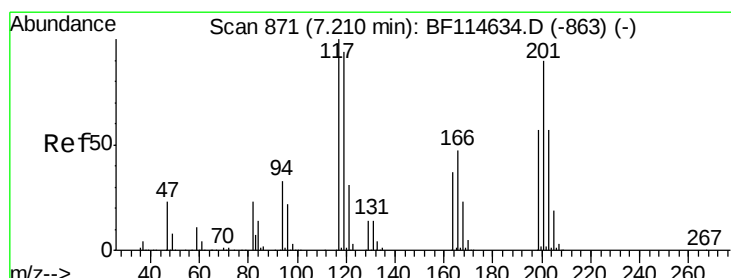
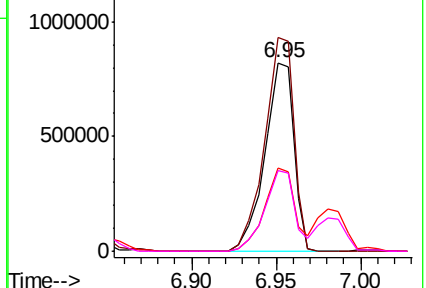
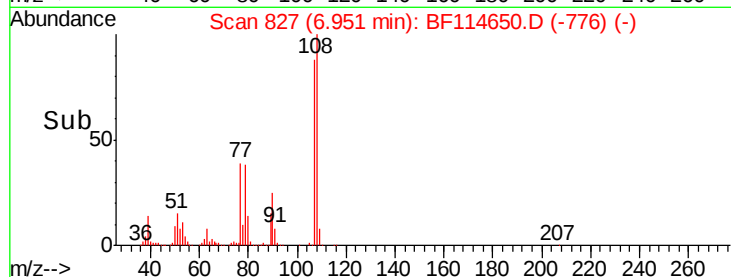


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.617 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

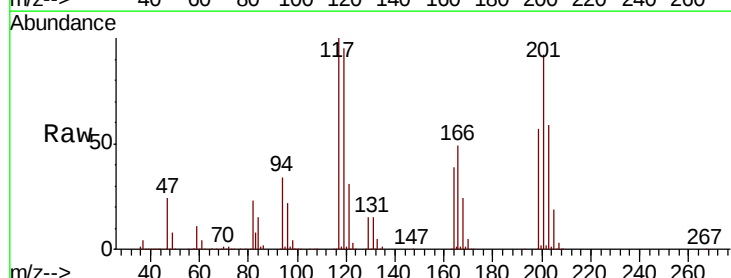
Tgt Ion:117 Resp: 499459

Ion Ratio Lower Upper

117 100

119 95.4 75.6 113.4

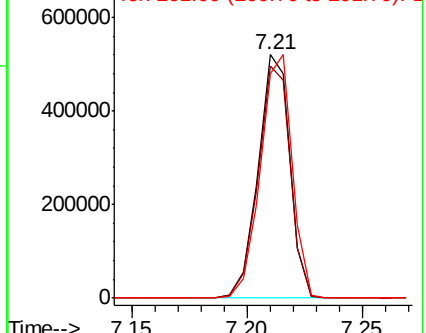
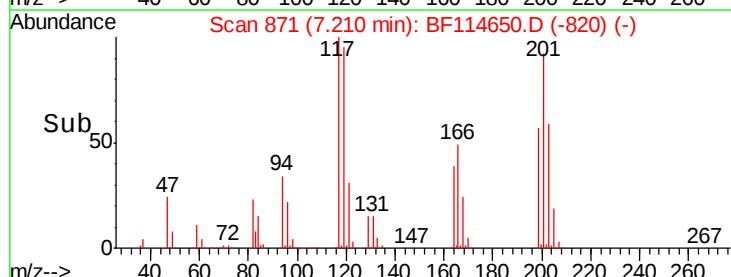
201 92.0 71.7 107.5

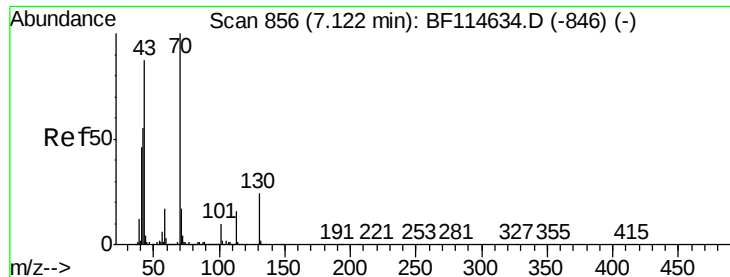


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

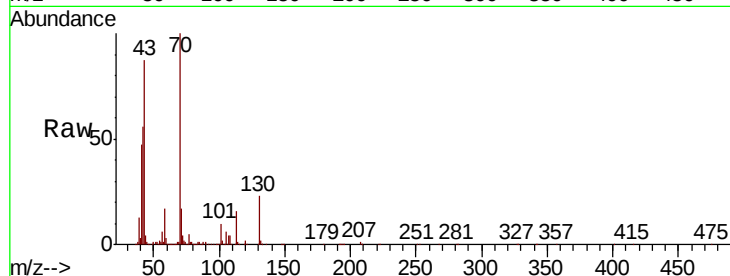




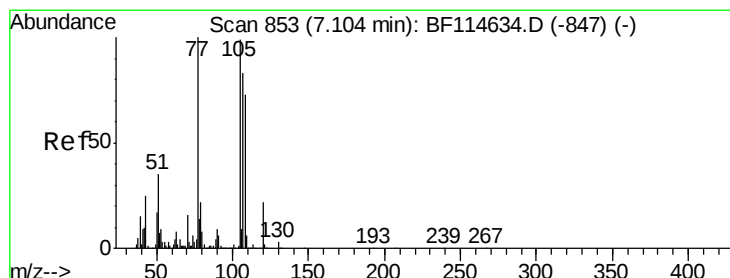
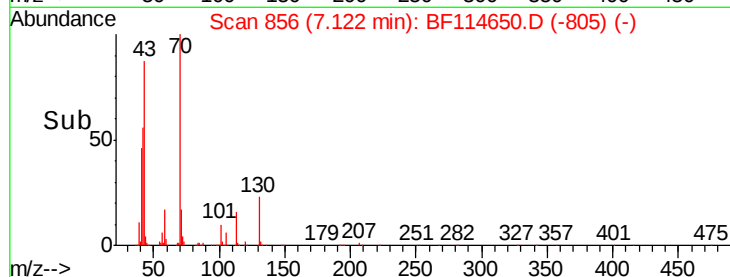
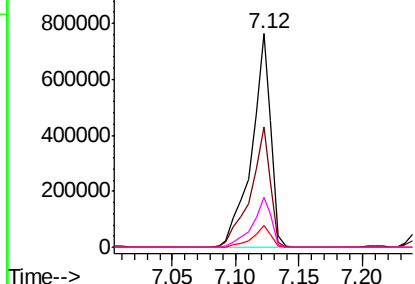
#19
n-Nitroso-di-n-propylamine
Concen: 39.356 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	805491
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.4	66.6
101	10.0	8.2	12.4
130	23.4	19.4	29.0

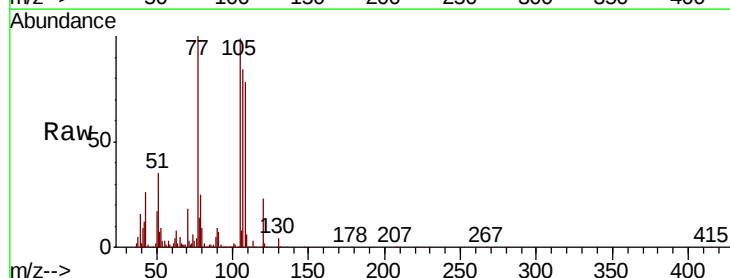


Abundance Ion 70.00 (69.70 to 70.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 101.00 (100.70 to 101.70): E
1000000
Ion 130.00 (129.70 to 130.70): E

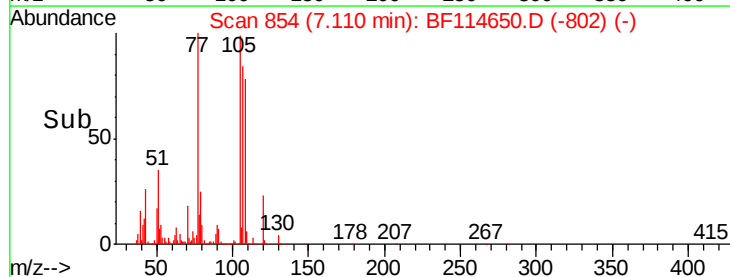
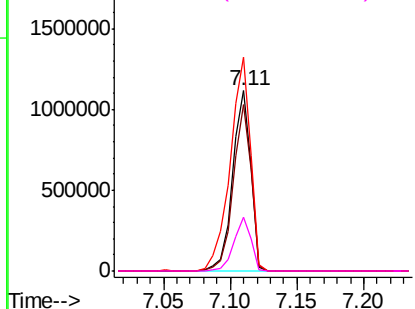


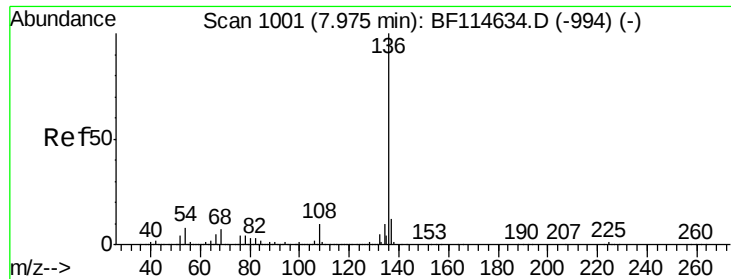
#20
3+4-Methylphenols
Concen: 37.693 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:	107	Resp:	1065474
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.6	108.6
77	118.7	100.5	140.5
79	29.6	7.0	47.0



Abundance Ion 107.00 (106.70 to 107.70): E
2000000
Ion 108.00 (107.70 to 108.70): E
1500000
Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 79.00 (78.70 to 79.70): BF1

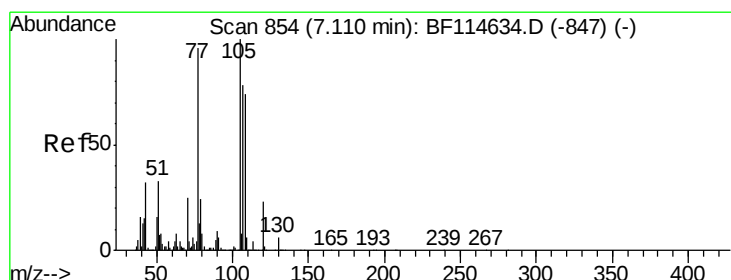
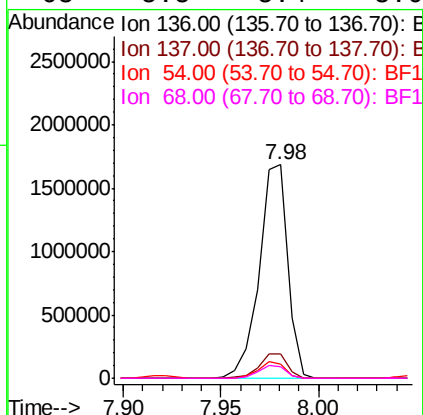
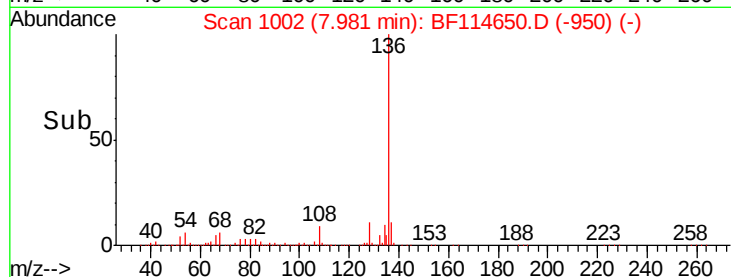
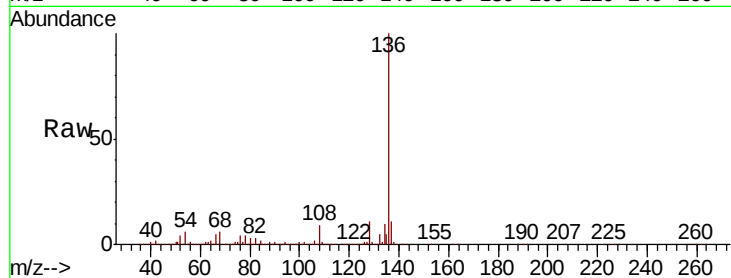




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

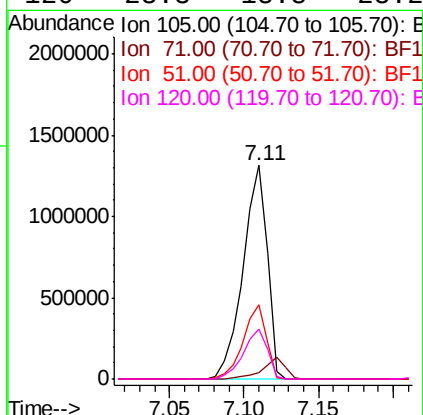
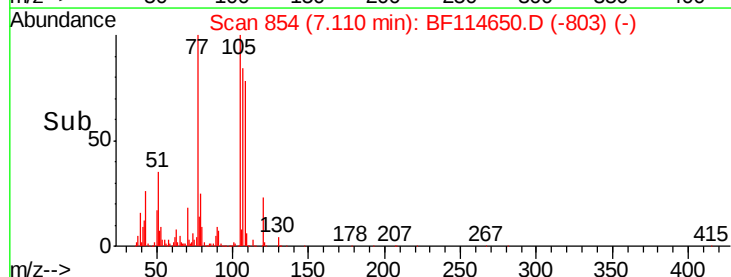
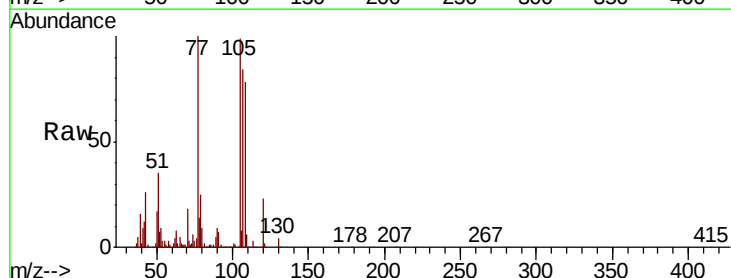
Instrument :
BNA_F
ClientSampled :

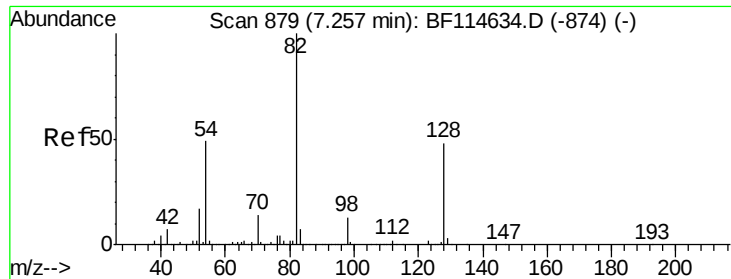
Tot Ion:136	Resp: 1708351
Ion Ratio	Lower Upper
136 100	
137 11.3	9.3 13.9
54 6.4	6.3 9.5
68 5.5	5.4 8.0



#22
Acetophenone
Concen: 40.491 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt	Ion:105	Resp:	1473866
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.6	5.4#
51	35.0	26.0	39.0
120	23.3	18.8	28.2



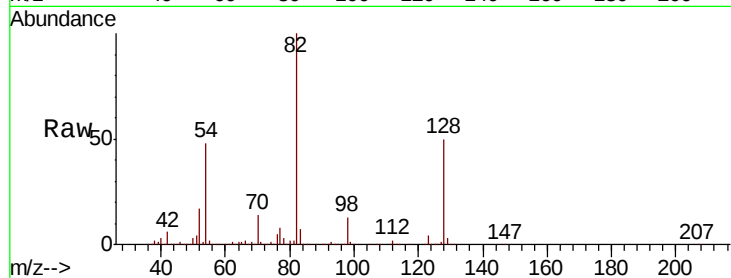


#23
 Nitrobenzene-d5
 Concen: 82.552 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

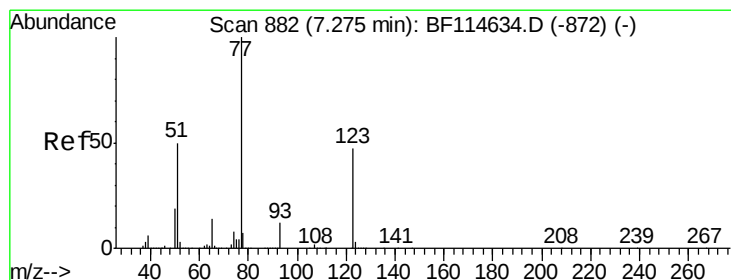
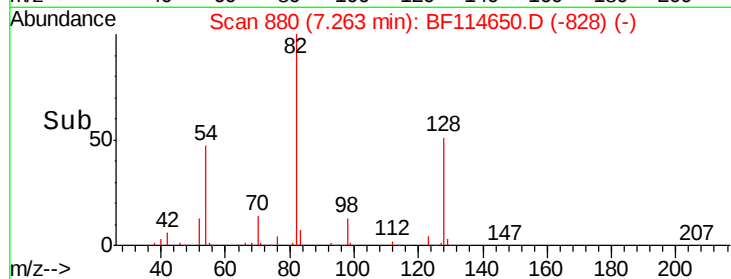
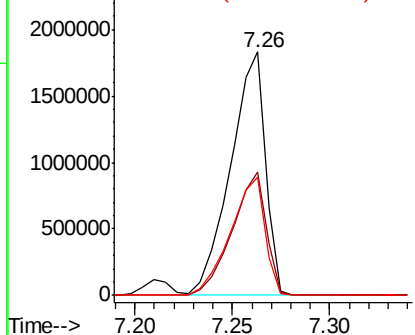
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2260447

Ion	Ratio	Lower	Upper
82	100		
128	50.5	38.5	57.7
54	48.4	39.1	58.7



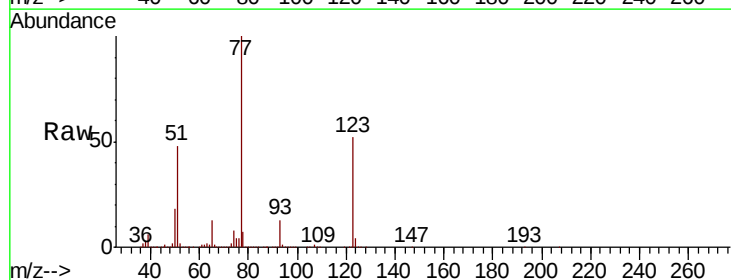
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



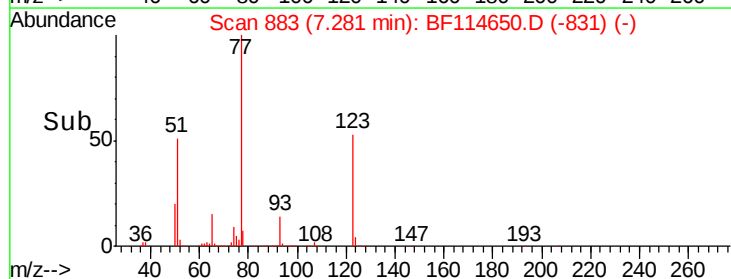
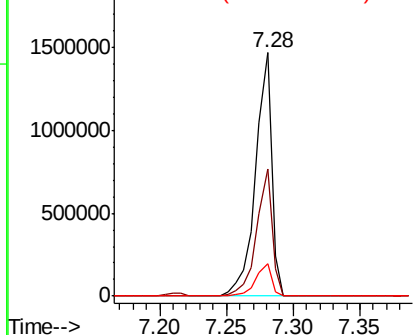
#24
 Nitrobenzene
 Concen: 41.534 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

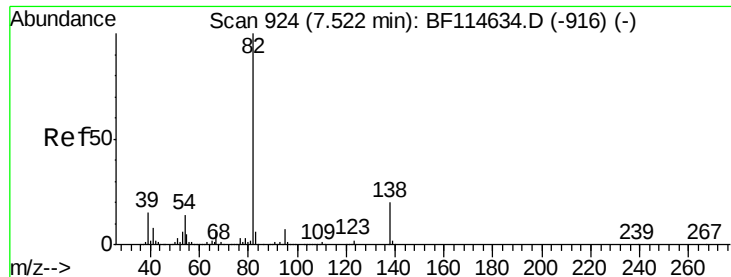
Tgt Ion: 77 Resp: 1208101

Ion	Ratio	Lower	Upper
77	100		
123	52.4	38.5	57.7
65	13.4	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.798 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

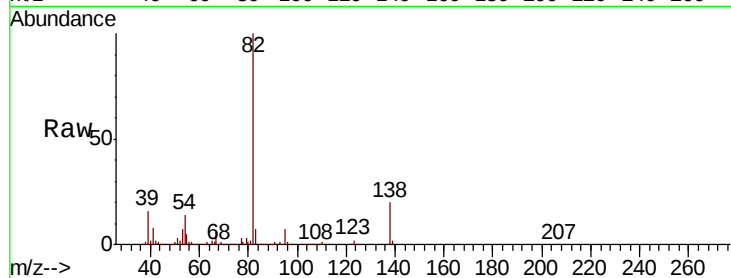
Tot Ion: 82 Resp: 2187016

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

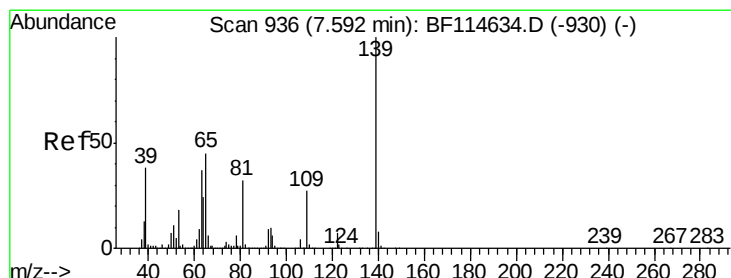
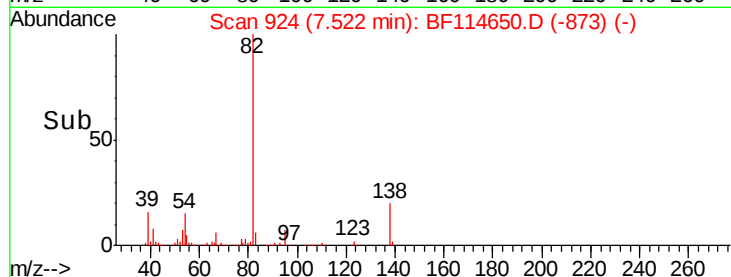
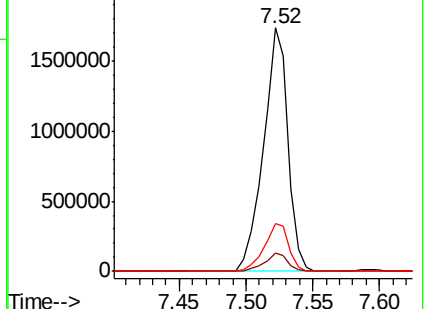
138 19.7 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.427 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

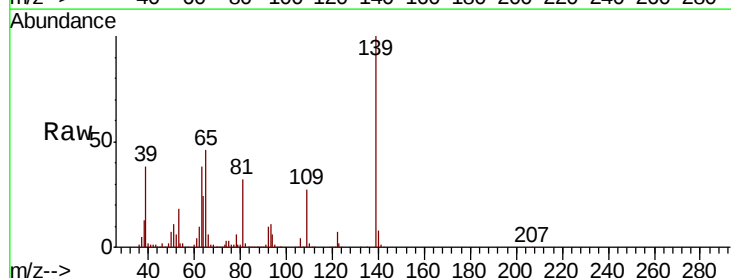
Tgt Ion: 139 Resp: 600701

Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

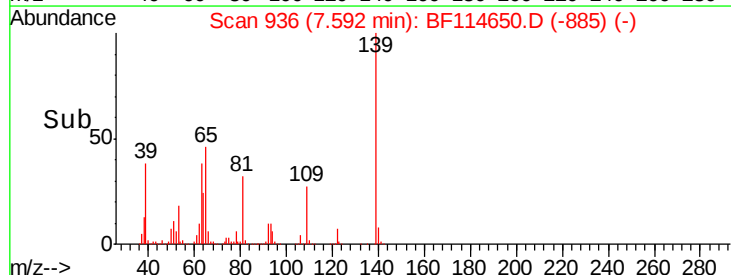
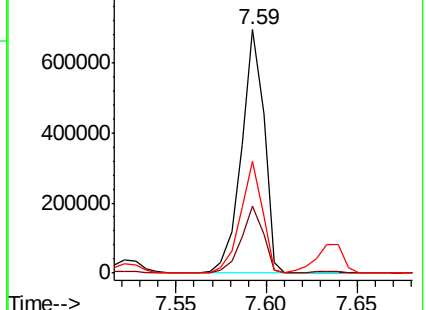
65 46.1 36.3 54.5

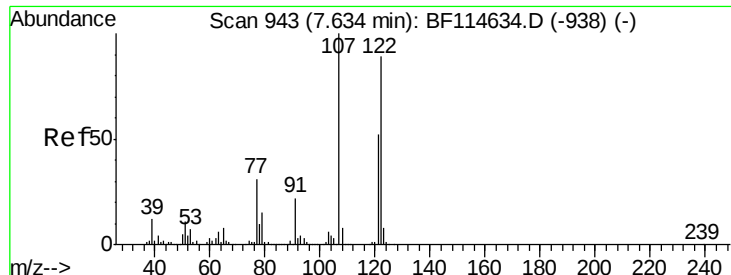


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

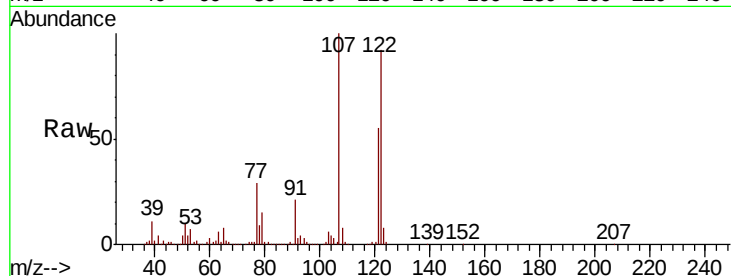




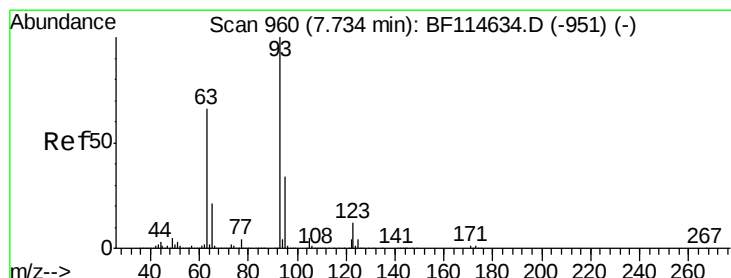
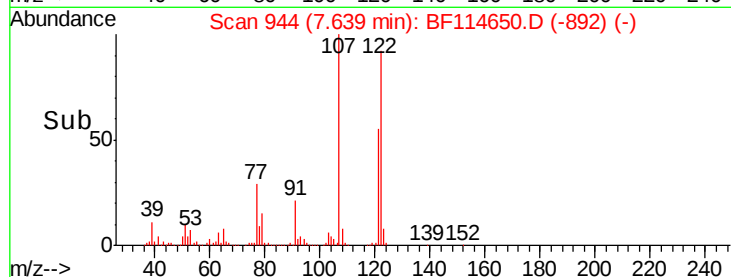
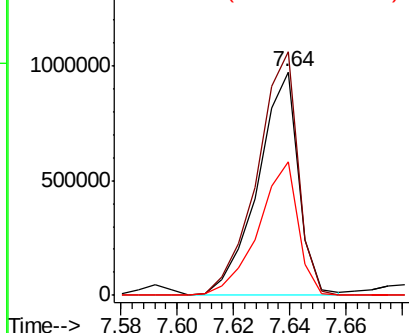
#27
 2,4-Dimethylphenol
 Concen: 41.153 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.3	133.9
121	59.8	46.8	70.2

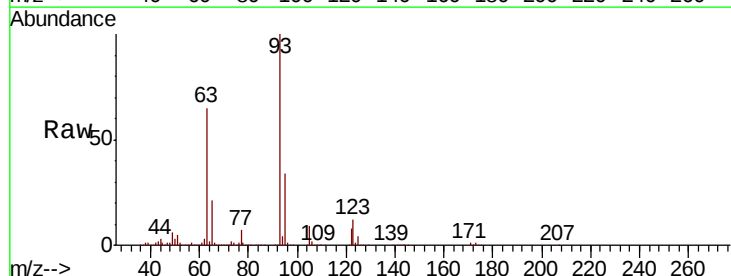


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

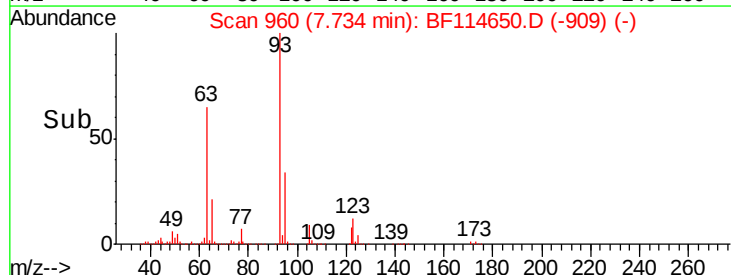
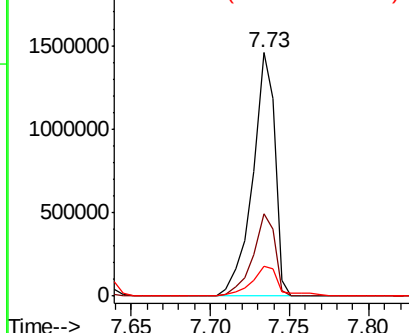


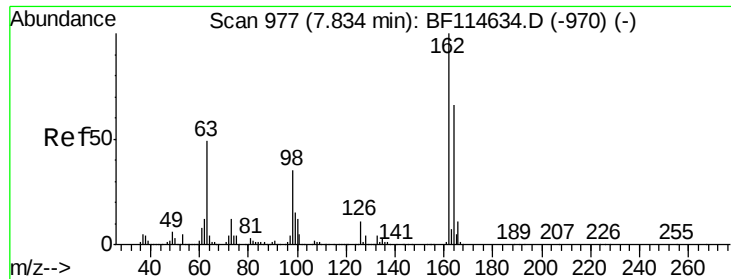
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.623 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.0	40.4
123	12.5	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.850 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

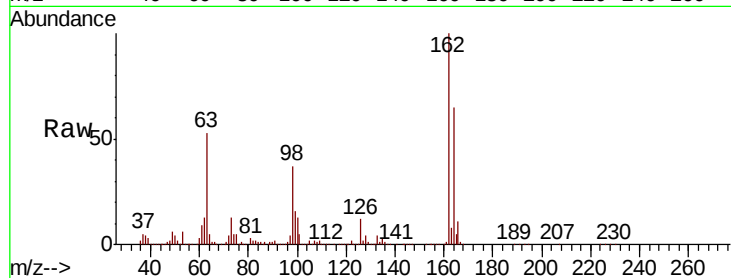
Tot Ion:162 Resp: 1003055

Ion Ratio Lower Upper

162 100

164 65.0 45.8 85.8

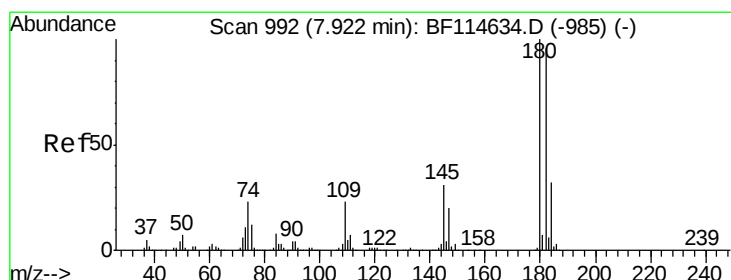
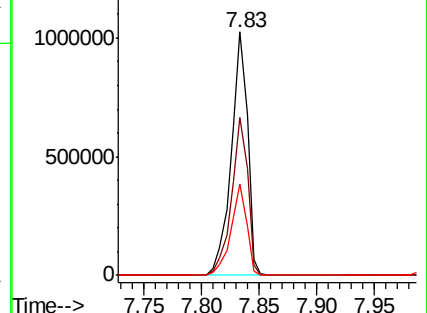
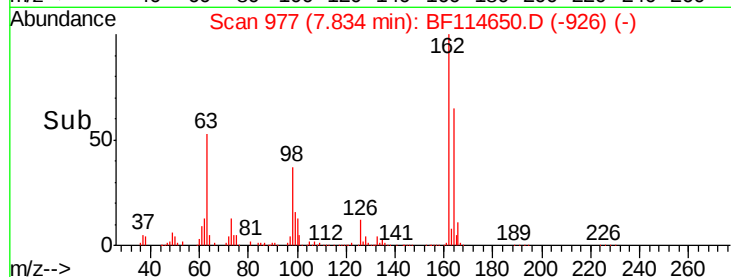
98 37.3 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.105 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

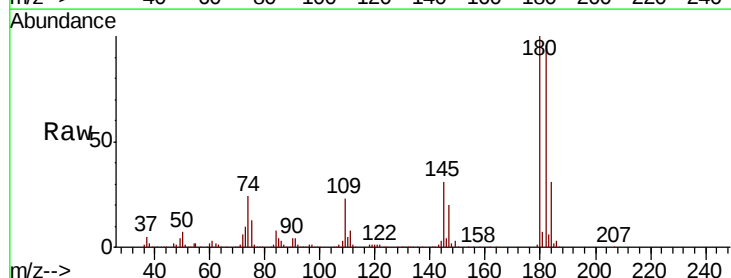
Tgt Ion:180 Resp: 1149755

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

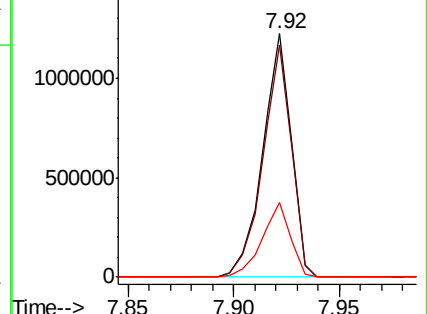
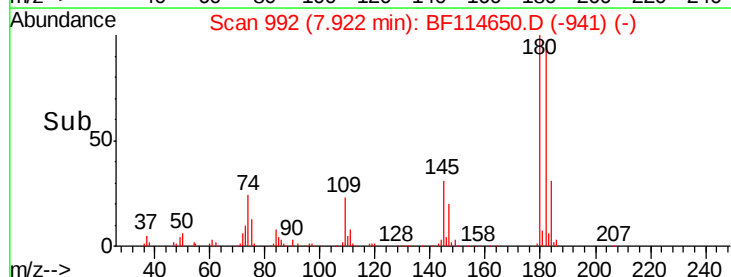
145 30.8 24.5 36.7

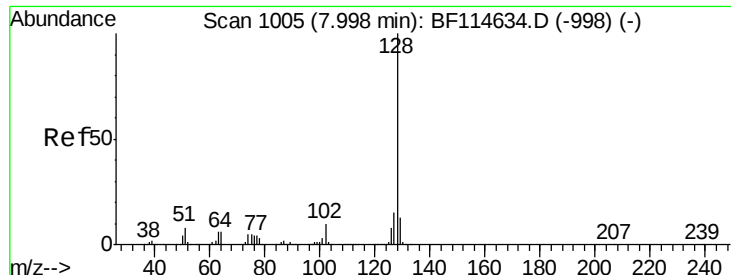


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

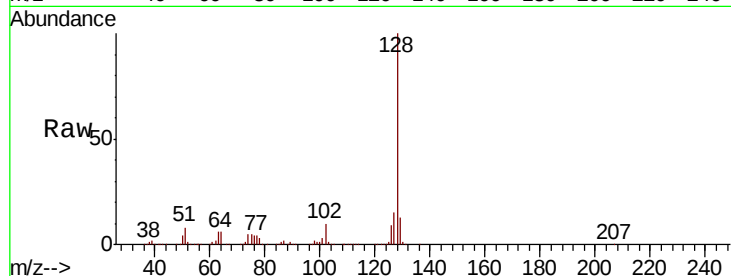




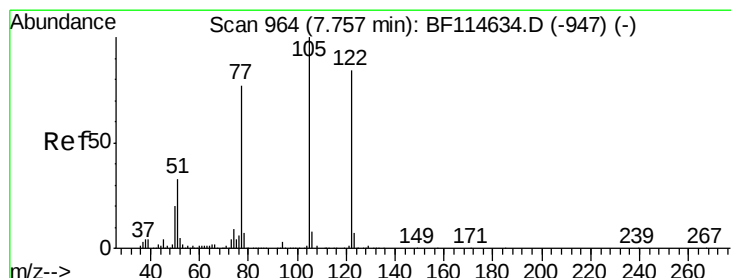
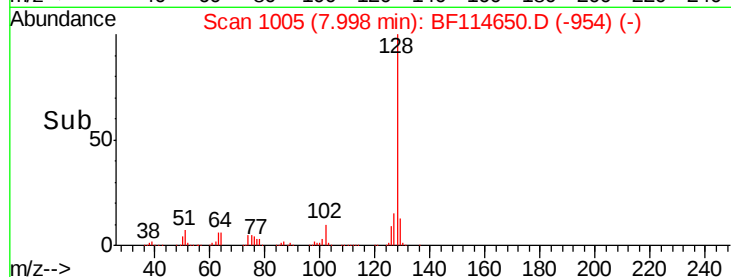
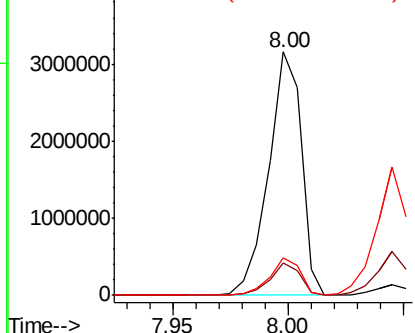
#31
Naphthalene
Concen: 39.535 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3110977
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 15.3 11.9 17.9

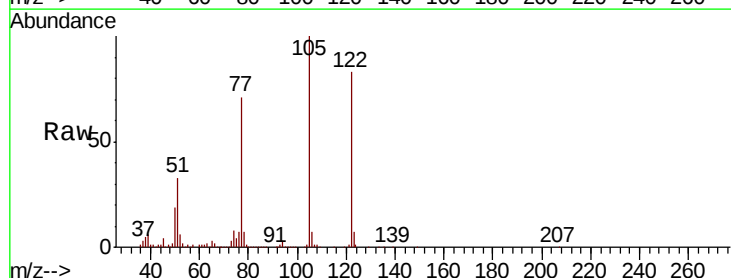


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

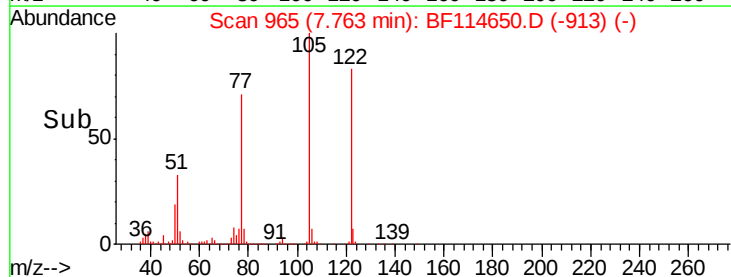
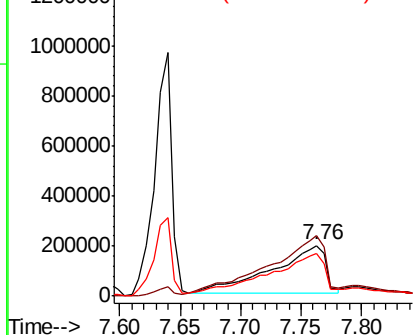


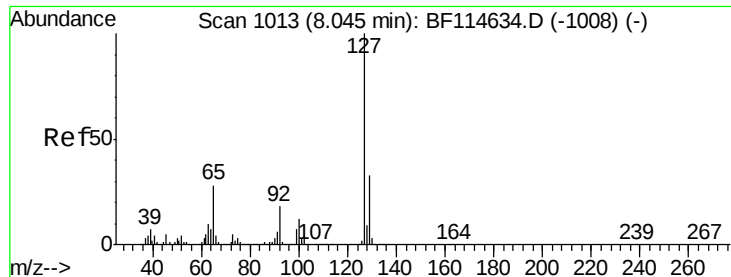
#32
Benzoic acid
Concen: 37.908 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:122 Resp: 579781
Ion Ratio Lower Upper
122 100
105 120.0 98.3 138.3
77 85.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

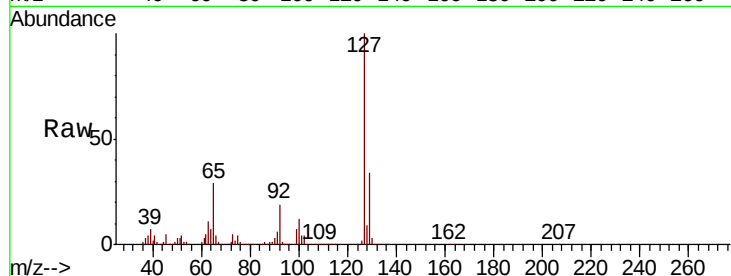




#33
4-Chloroaniline
Concen: 40.511 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1518752
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.7	40.1
65	29.3	22.5	33.7
92	19.2	14.6	22.0



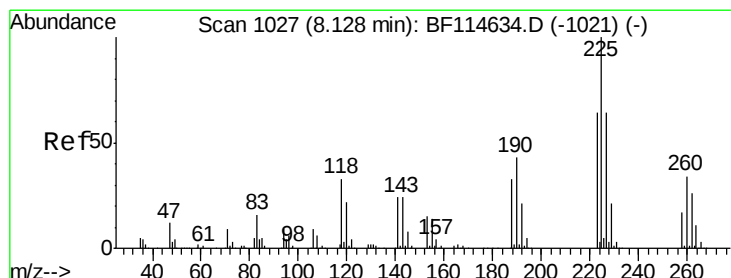
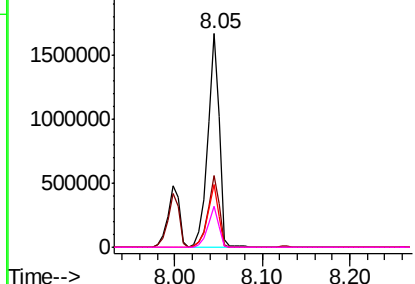
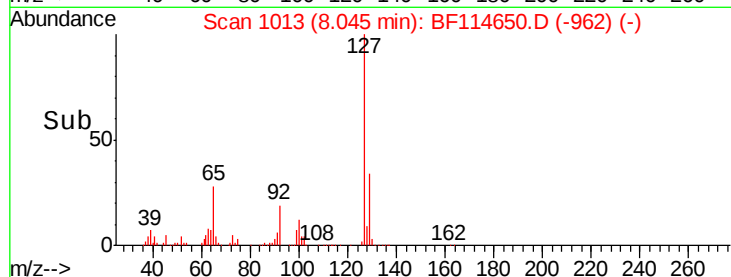
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

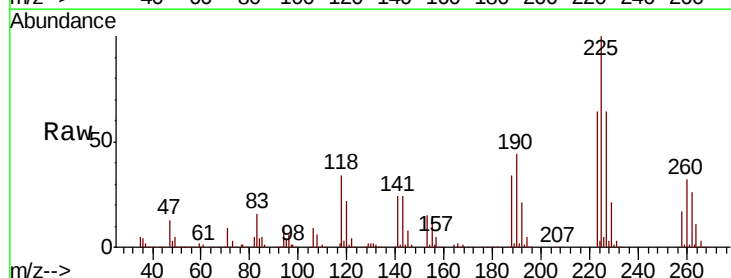
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.255 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:	225	Resp:	640984
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	64.0	51.3	76.9

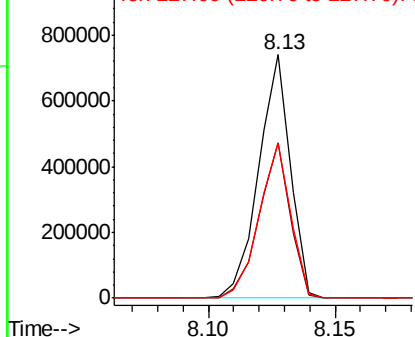
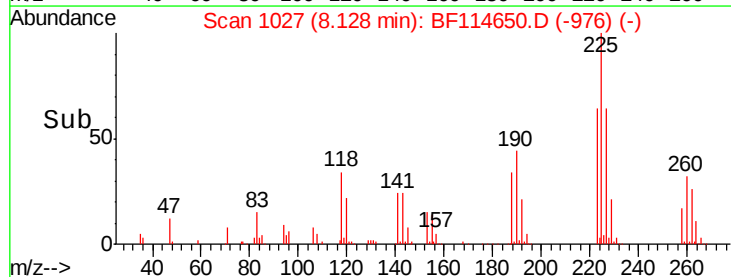


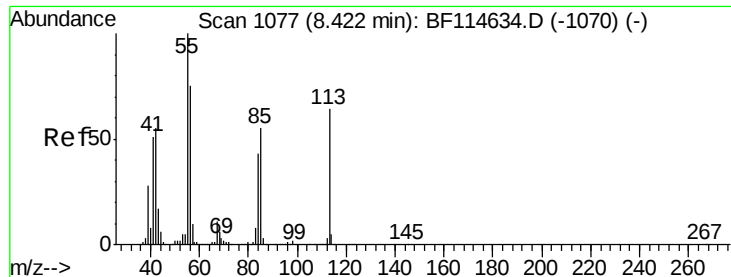
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

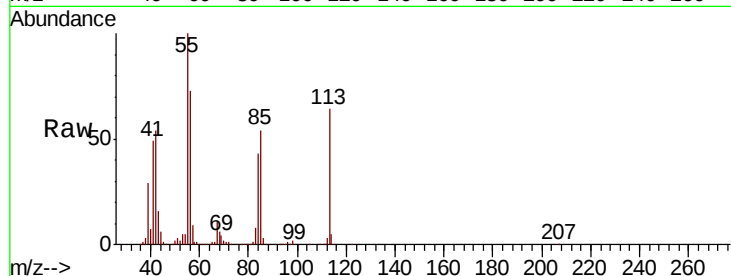




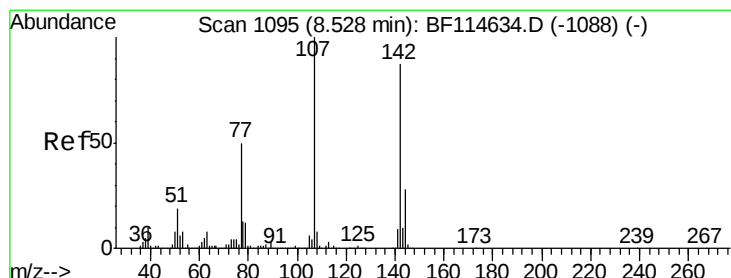
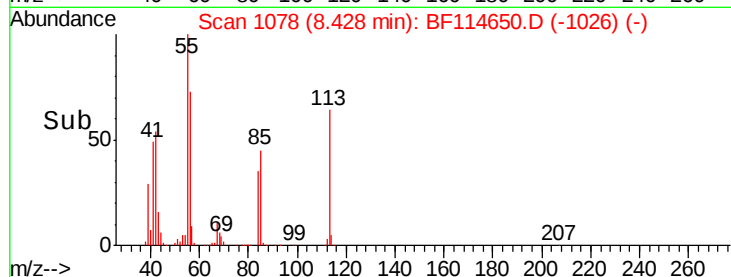
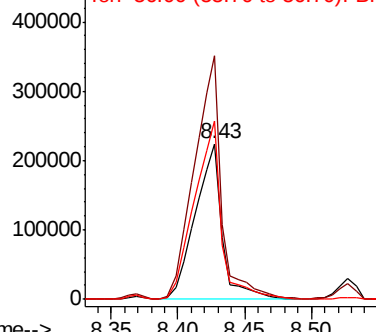
#35
 Caprolactam
 Concen: 39.556 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 319948
 Ion Ratio Lower Upper
 113 100
 55 156.2 136.4 176.4
 56 114.5 97.0 137.0

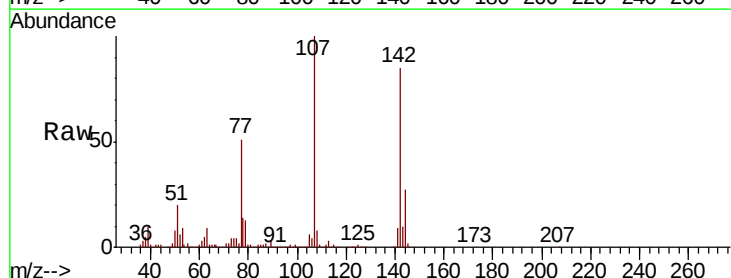


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

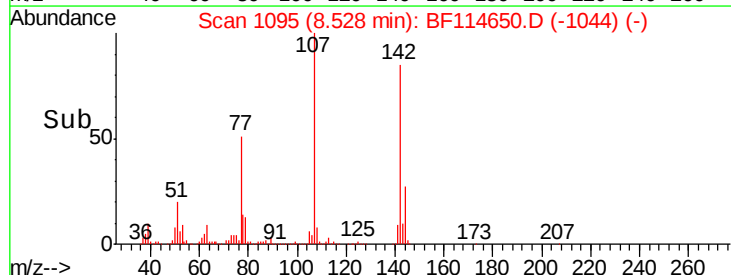
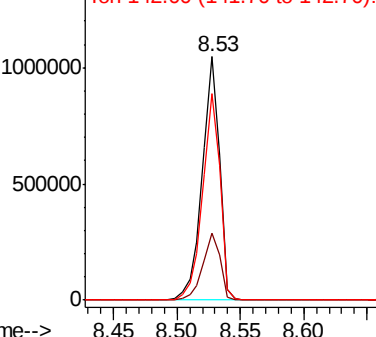


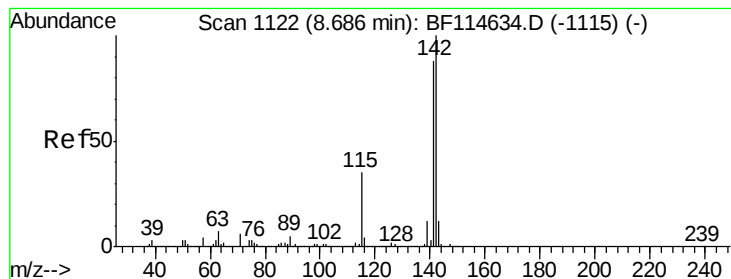
#36
 4-Chloro-3-methylphenol
 Concen: 40.830 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Tgt Ion:107 Resp: 981398
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.5 33.7
 142 85.0 69.8 104.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



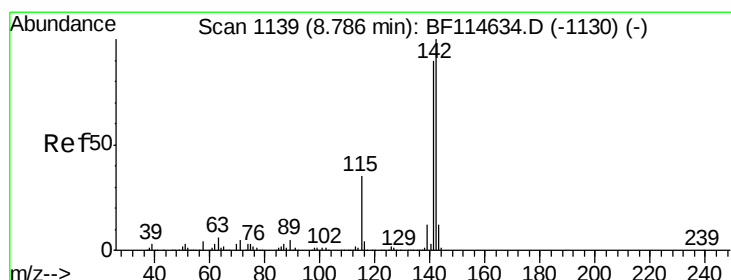
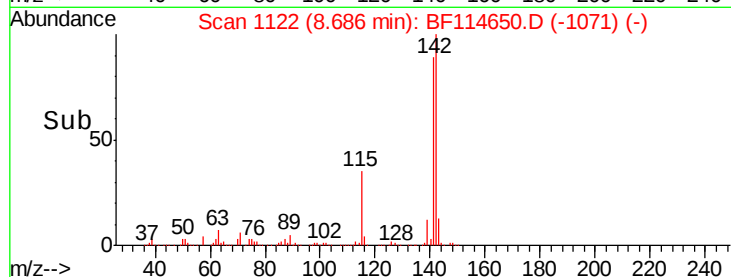
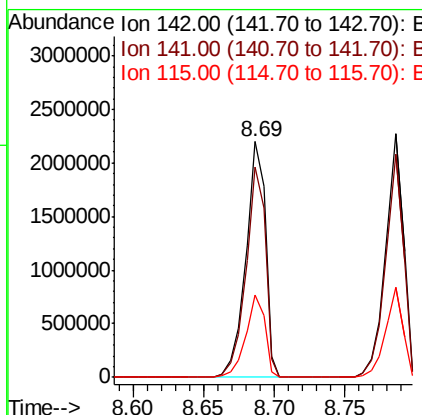
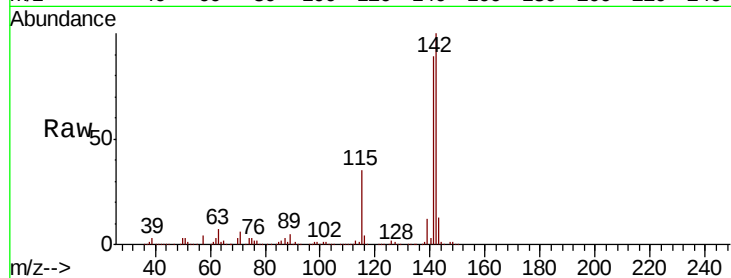


#37
 2-Methylnaphthalene
 Concen: 40.924 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 2139637

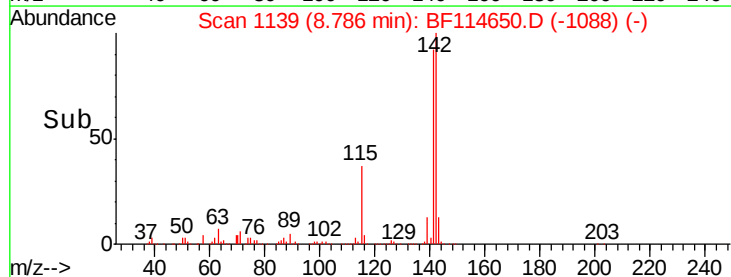
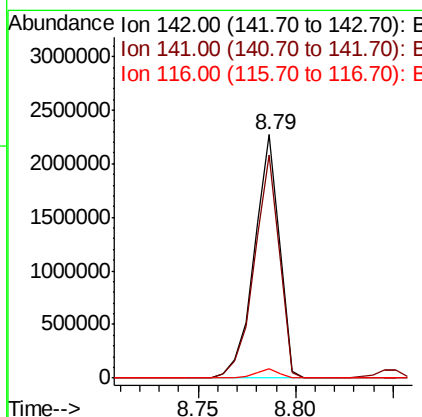
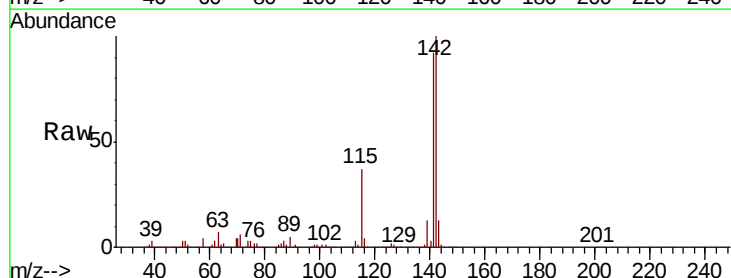
Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	35.1	28.0	42.0

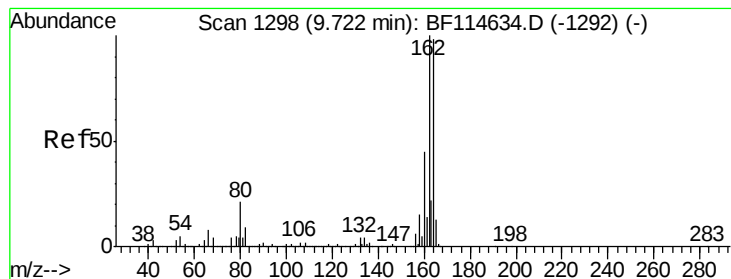


#38
 1-Methylnaphthalene
 Concen: 40.592 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Tgt Ion:142 Resp: 2010764

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.3	108.5
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

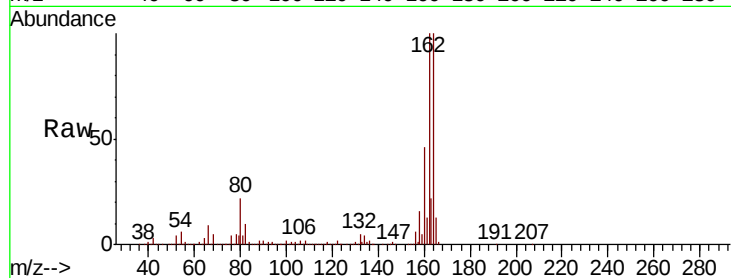
Tot Ion:164 Resp: 836213

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.2

160 46.2 36.6 54.8

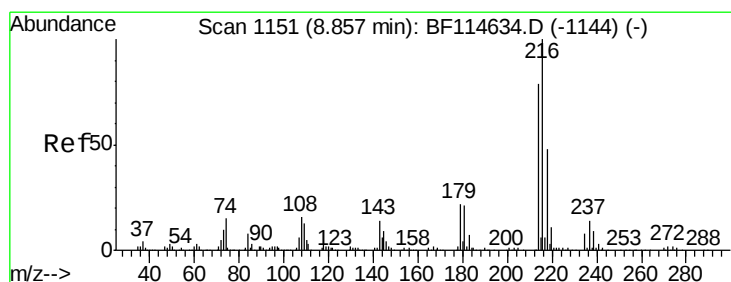
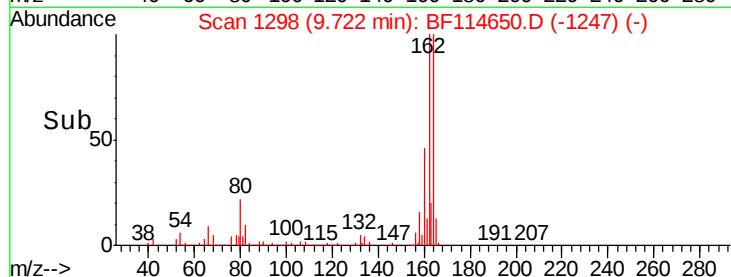
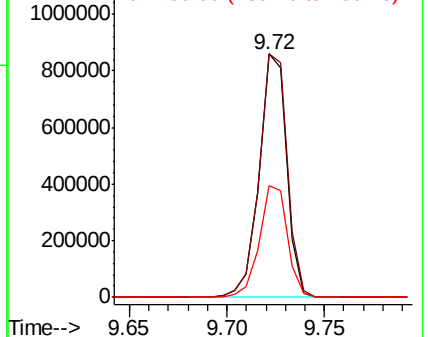


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.003 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Tgt Ion:216 Resp: 935367

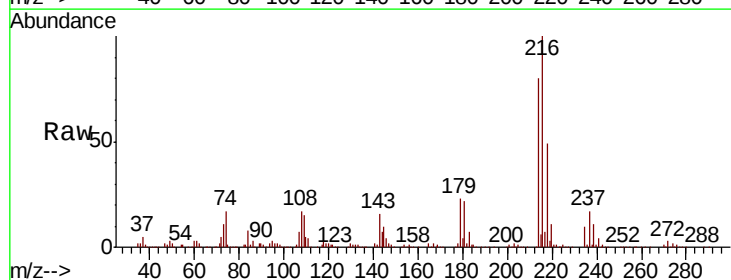
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 22.5 17.9 26.9

108 19.5 15.8 23.8



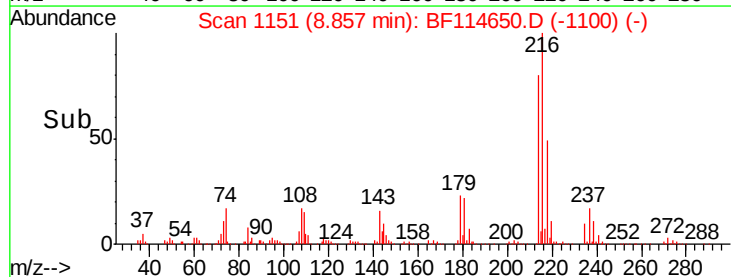
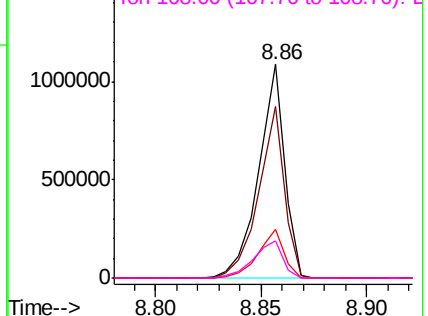
Abundance

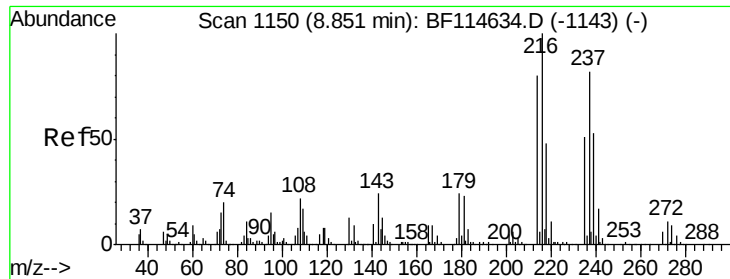
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.735 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

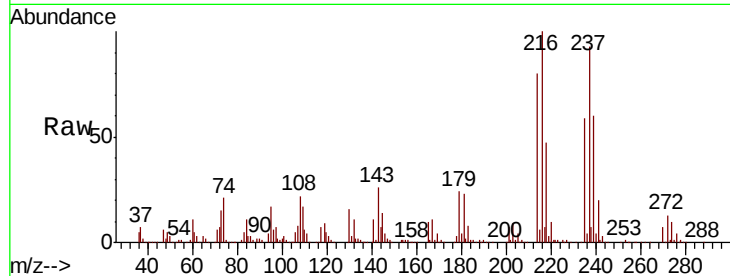
Tot Ion:237 Resp: 584726

Ion Ratio Lower Upper

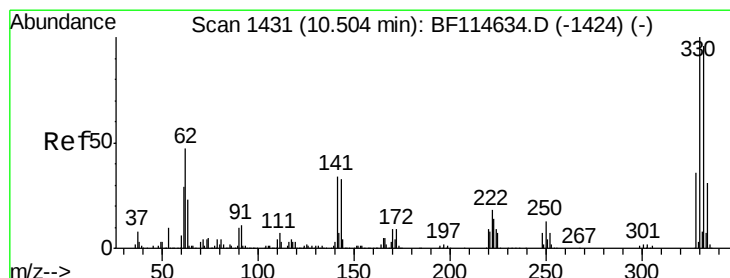
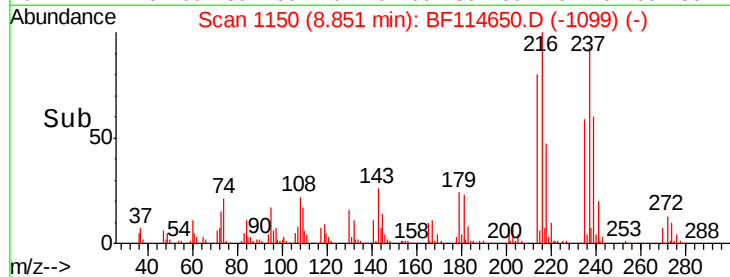
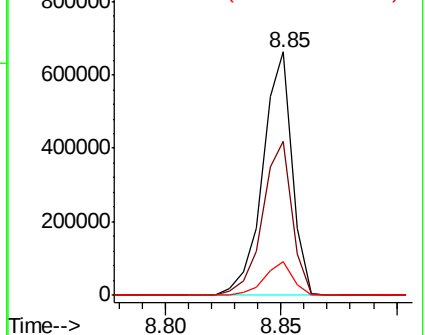
237 100

235 63.4 42.8 82.8

272 13.8 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.900 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

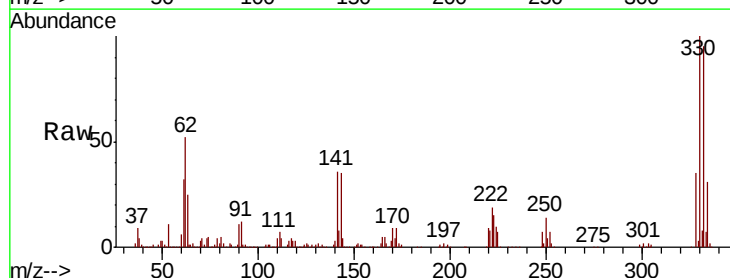
Tgt Ion:330 Resp: 652560

Ion Ratio Lower Upper

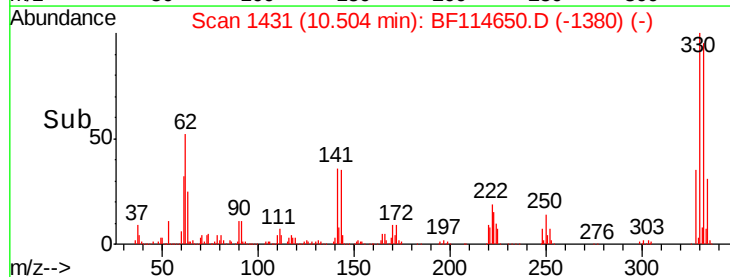
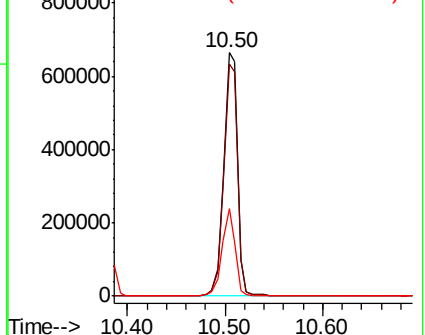
330 100

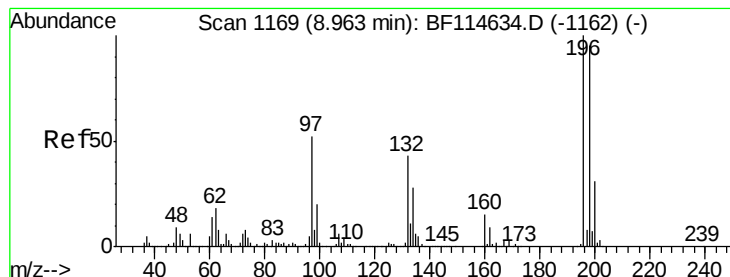
332 95.5 75.8 113.8

141 33.8 27.8 41.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.017 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

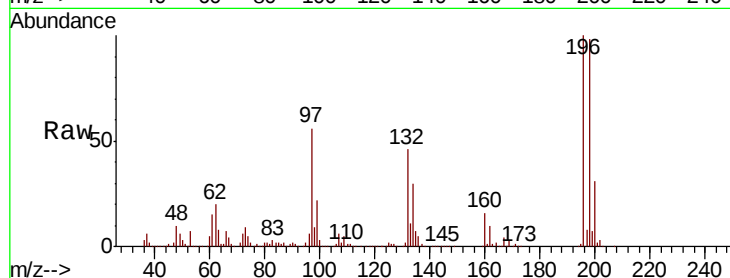
Tot Ion:196 Resp: 736220

Ion Ratio Lower Upper

196 100

198 98.1 76.1 114.1

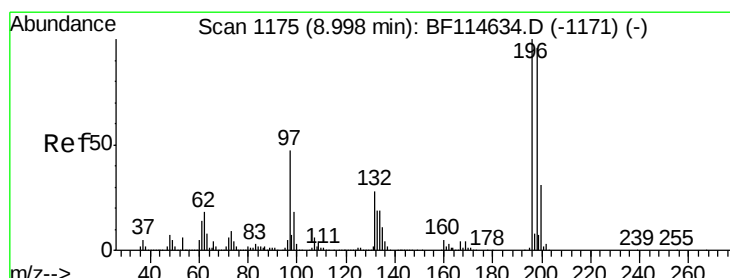
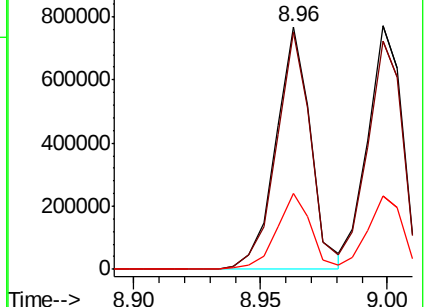
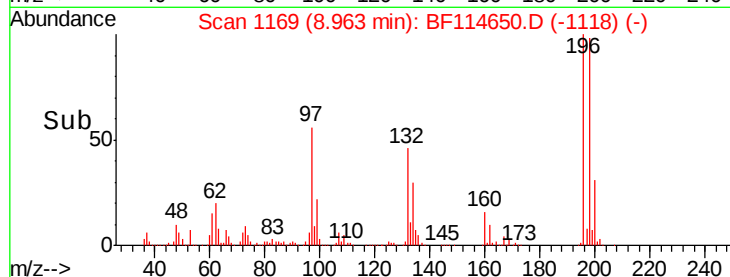
200 31.4 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.915 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Tgt Ion:196 Resp: 732903

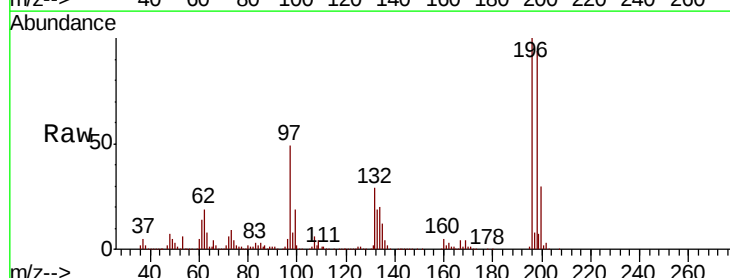
Ion Ratio Lower Upper

196 100

198 93.8 76.8 115.2

97 49.4 37.8 56.8

132 29.5 22.6 33.8

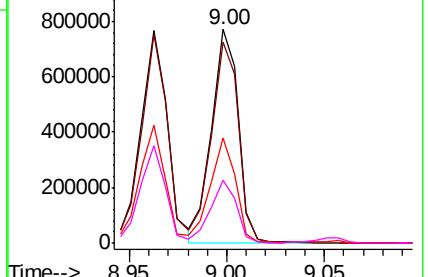
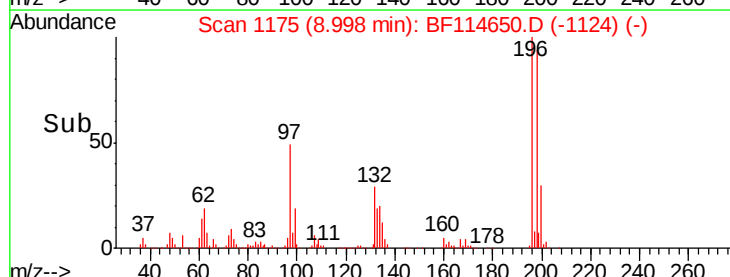


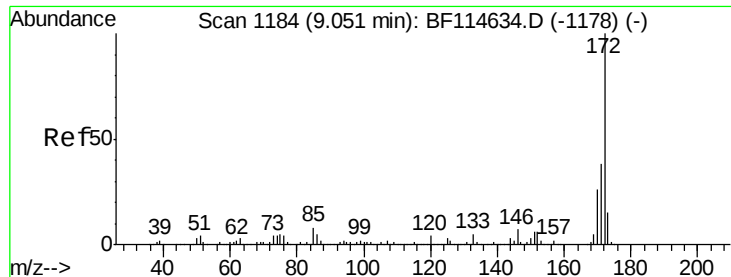
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

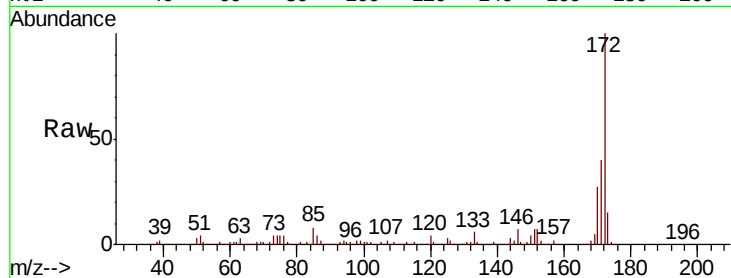




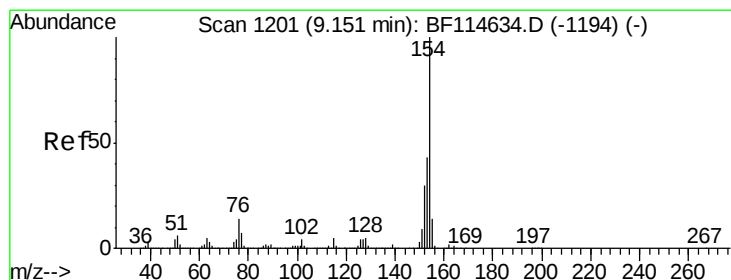
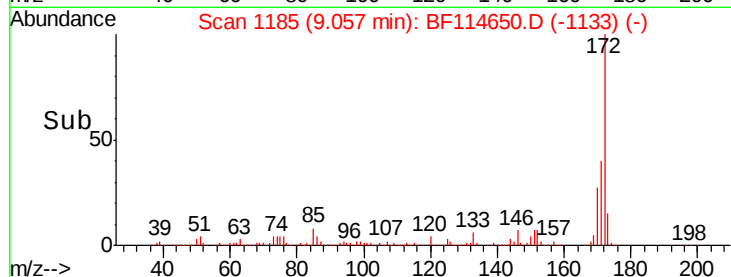
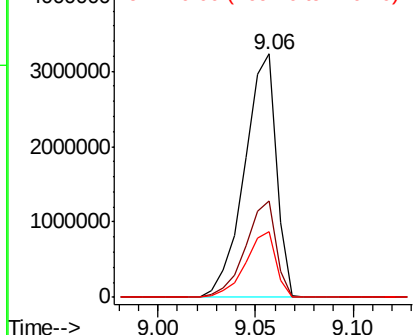
#45
2-Fluorobiphenyl
Concen: 81.139 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3644284
Ion Ratio Lower Upper
172 100
171 39.9 30.6 45.8
170 27.1 20.7 31.1

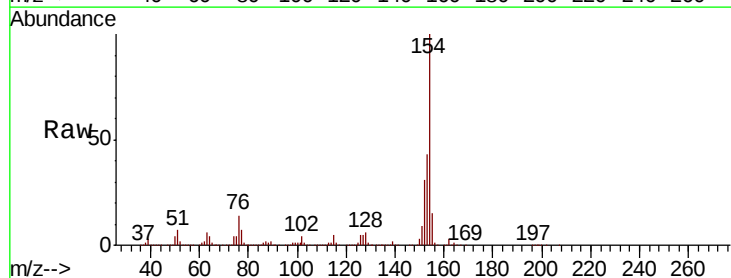


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

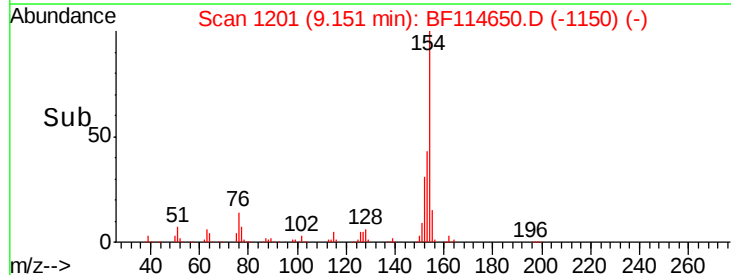
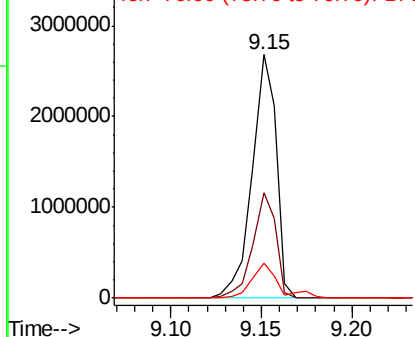


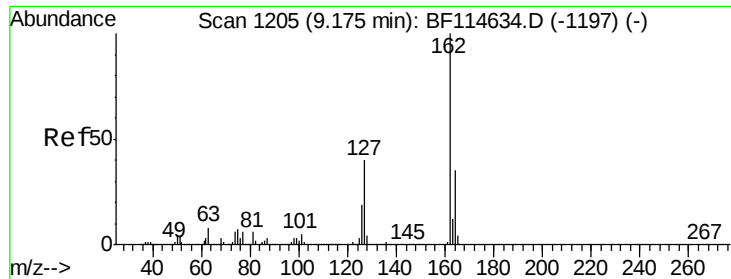
#46
1,1'-Biphenyl
Concen: 39.890 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:154 Resp: 2476097
Ion Ratio Lower Upper
154 100
153 43.5 23.0 63.0
76 14.4 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

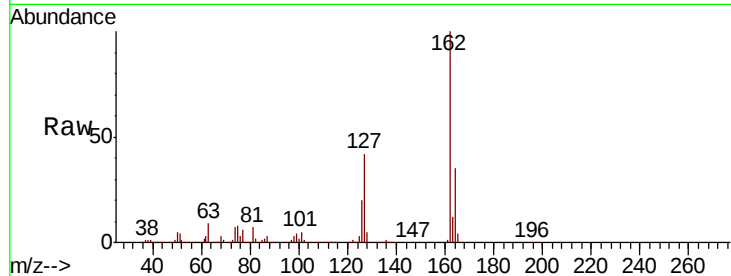




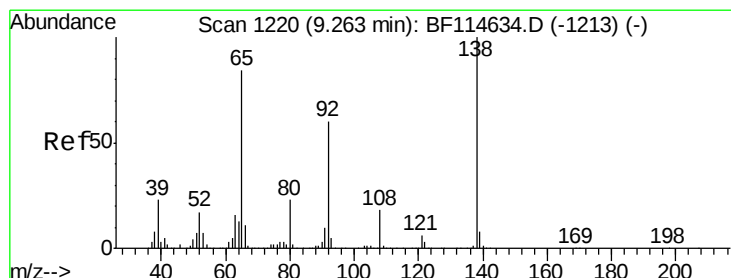
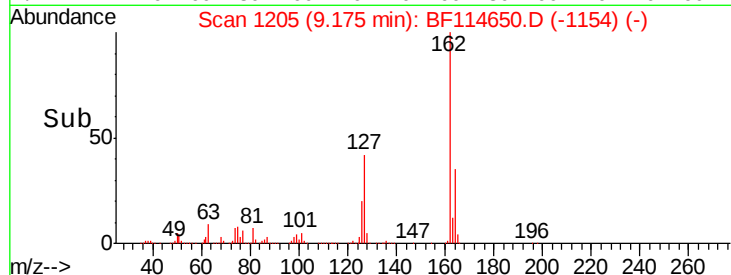
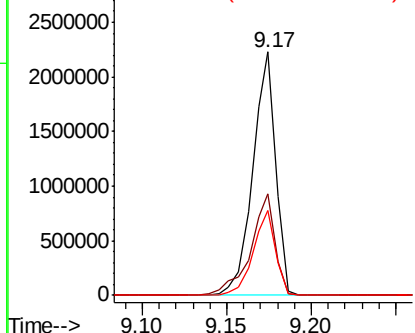
#47
 2-Chloronaphthalene
 Concen: 41.481 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2112109
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.2 48.2
 164 34.8 27.8 41.6

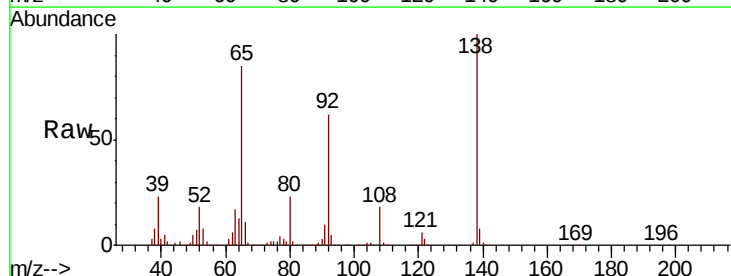


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

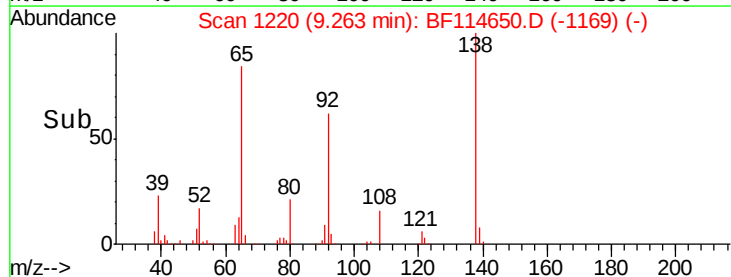
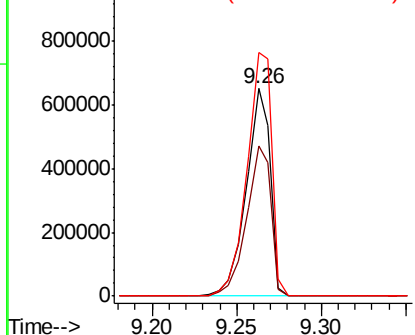


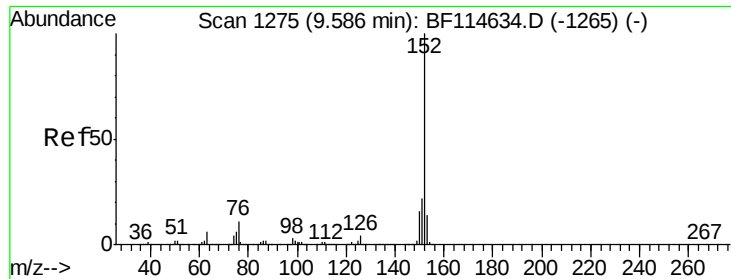
#48
 2-Nitroaniline
 Concen: 41.366 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Tgt Ion: 65 Resp: 649992
 Ion Ratio Lower Upper
 65 100
 92 72.2 57.1 85.7
 138 117.3 95.8 143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.841 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

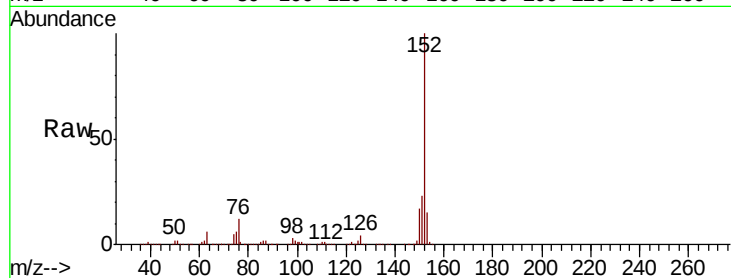
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3055327

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.5	26.3
153	15.4	11.6	17.4

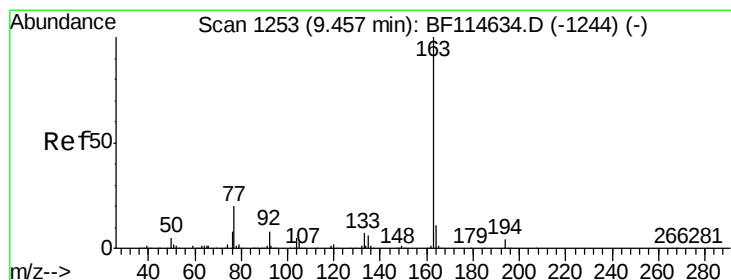
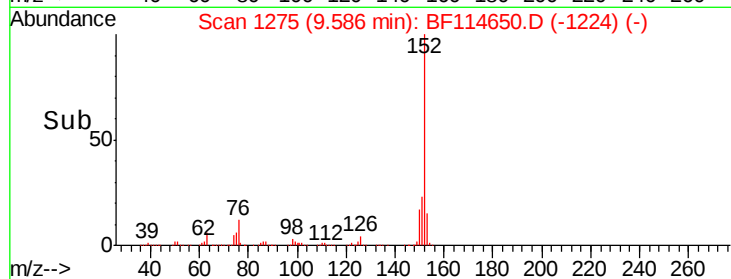
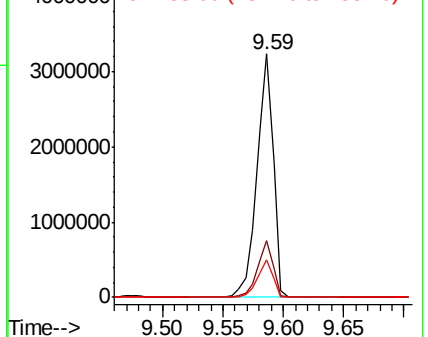


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.016 ng

RT: 9.46 min Scan# 1253

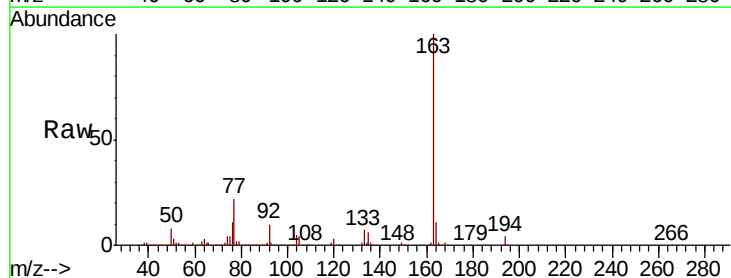
Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Tgt Ion:163 Resp: 2331701

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.3	8.6	13.0

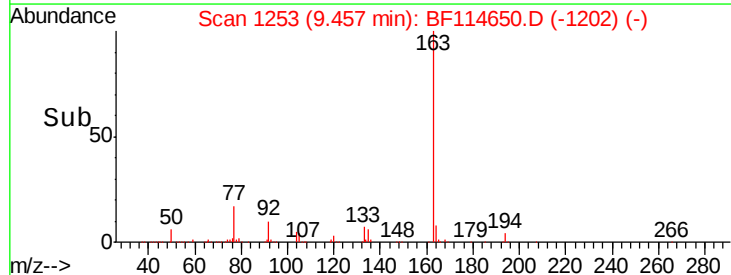
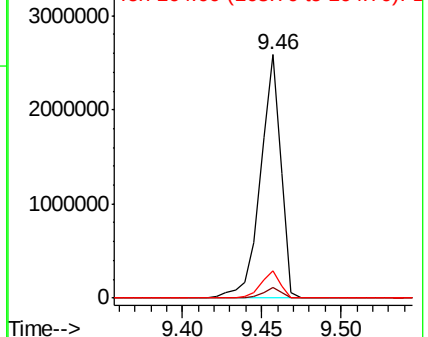


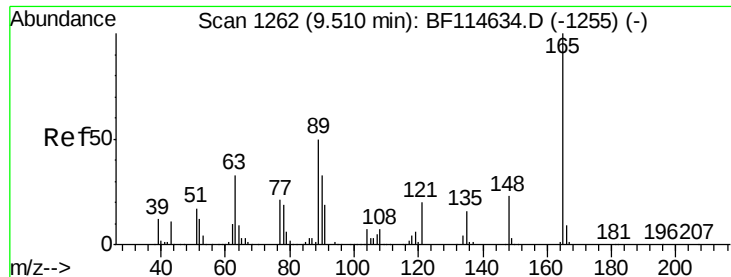
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

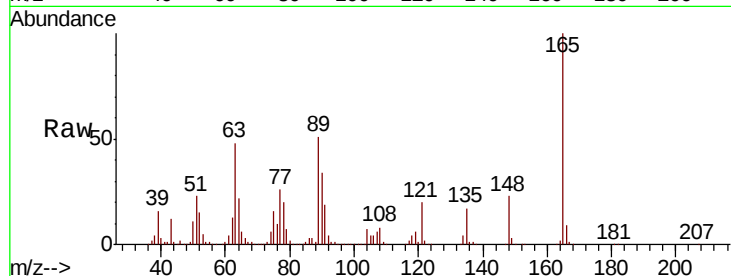




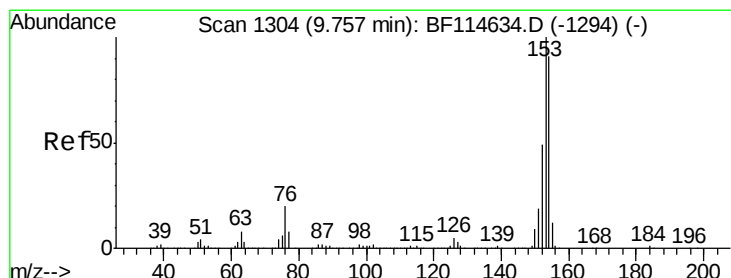
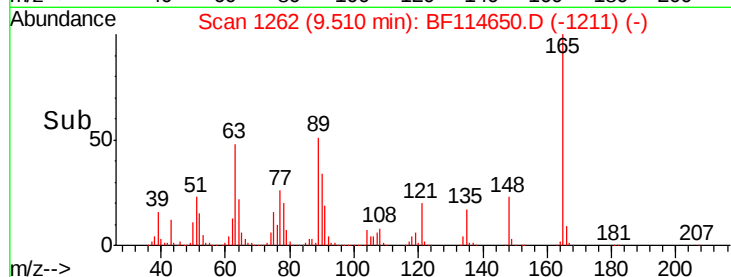
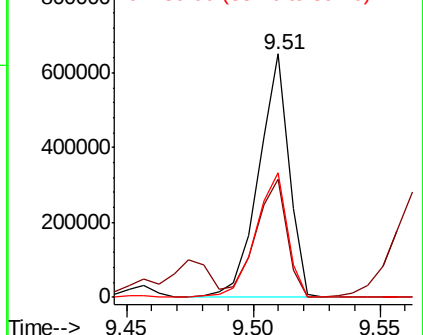
#51
2,6-Dinitrotoluene
Concen: 40.266 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleID :

Tot Ion:165 Resp: 545187
Ion Ratio Lower Upper
165 100
63 48.5 36.6 54.8
89 51.4 40.2 60.4

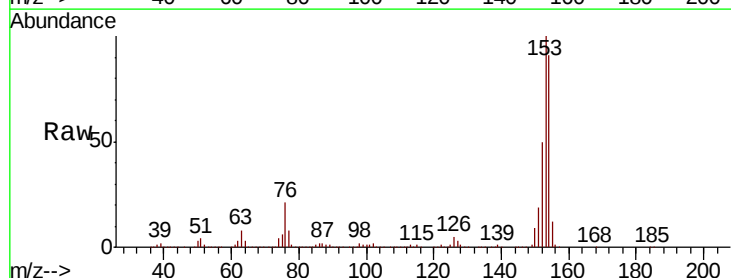


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

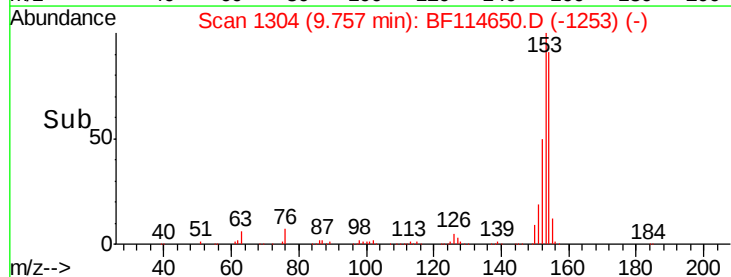
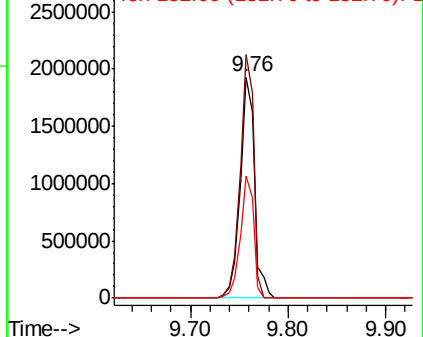


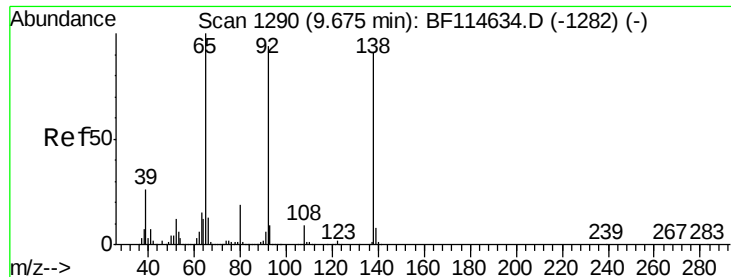
#52
Acenaphthene
Concen: 40.780 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:154 Resp: 1967310
Ion Ratio Lower Upper
154 100
153 110.1 88.4 132.6
152 55.3 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

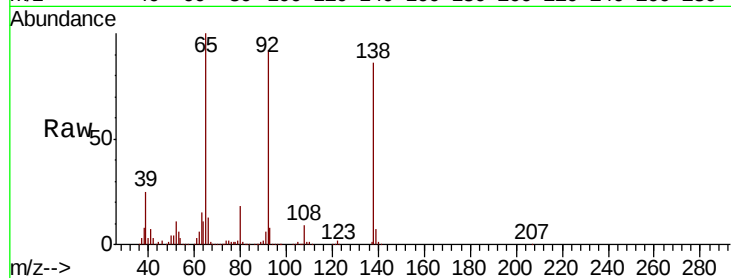




#53
3-Nitroaniline
Concen: 40.445 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	107.0	83.1	124.7

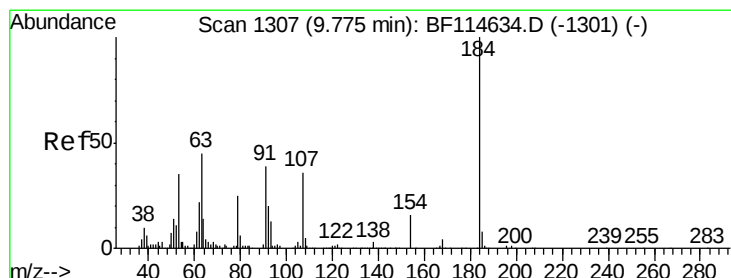
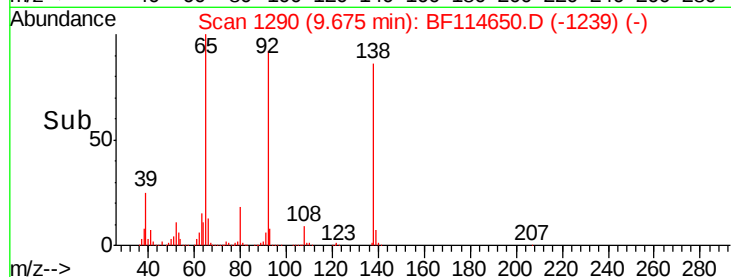
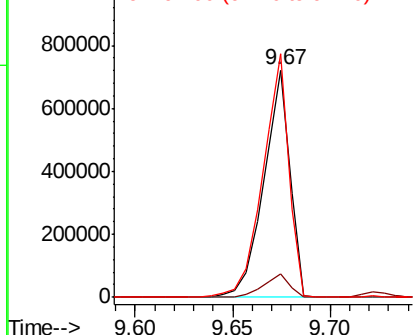


Abundance

Ion 138.00 (137.70 to 138.70): E

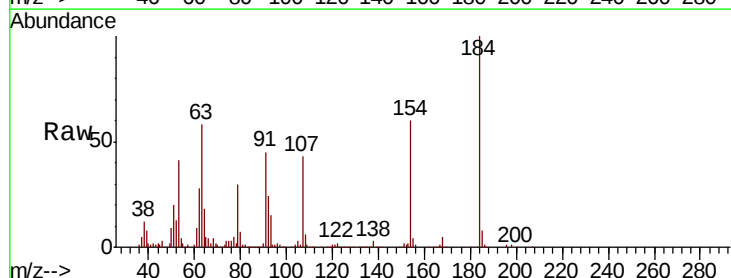
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 42.630 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	38.8	58.2
154	59.9	43.7	65.5

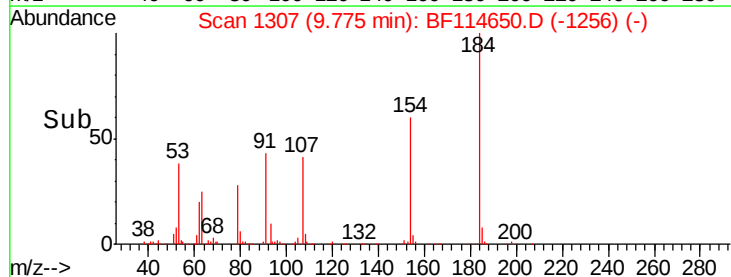
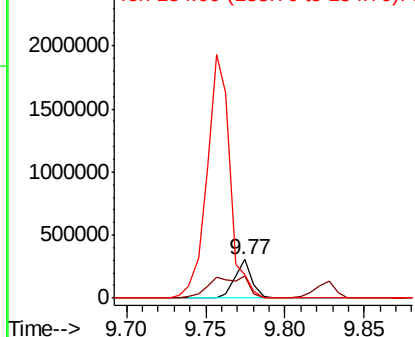


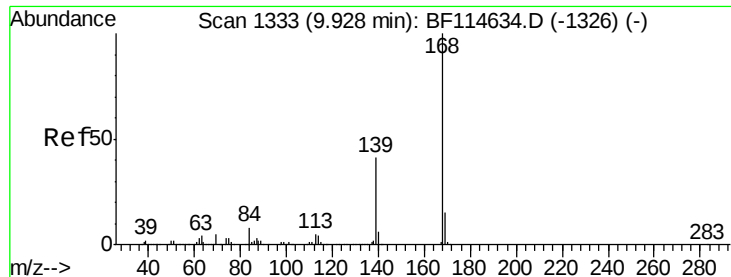
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

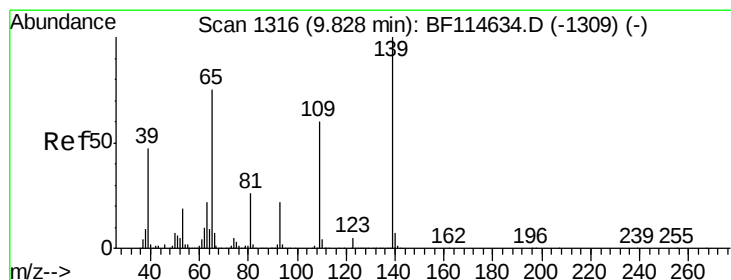
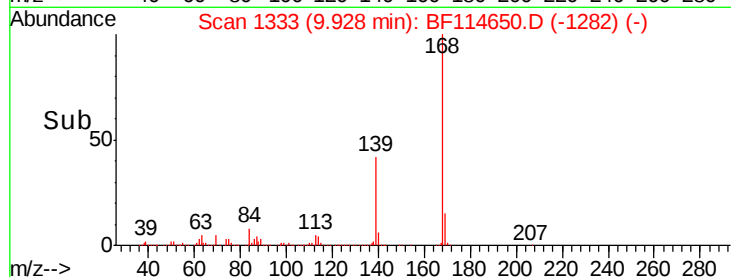
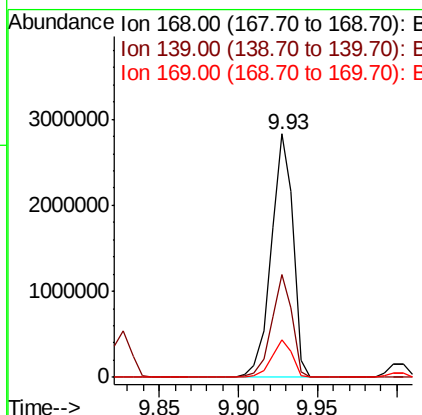
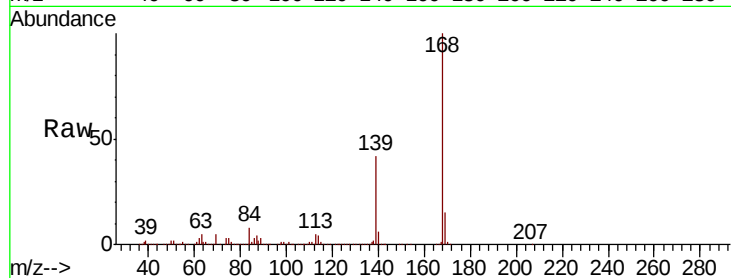




#55
Dibenzofuran
Concen: 39.277 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

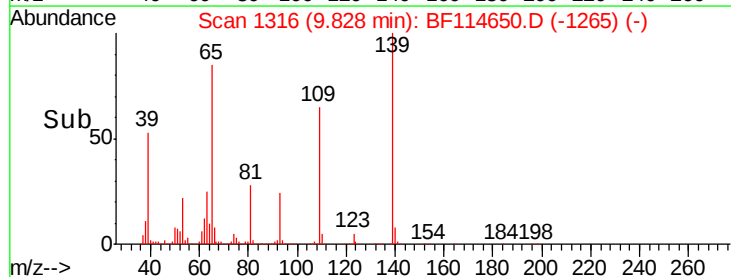
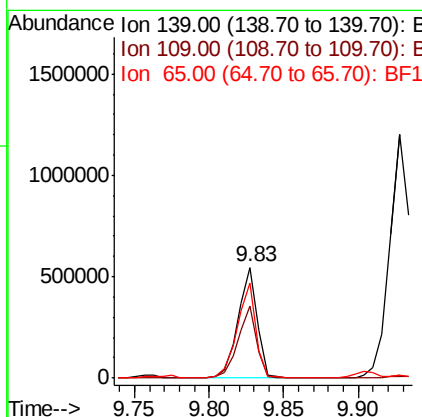
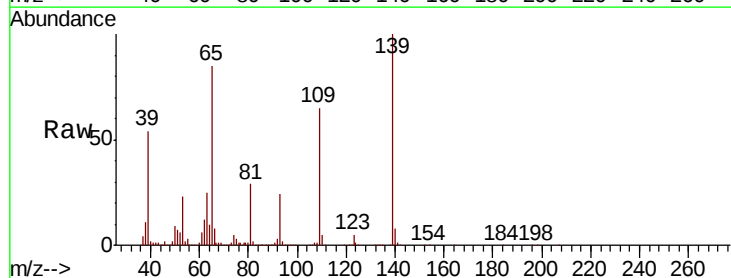
Instrument :
BNA_F
ClientSampleId :

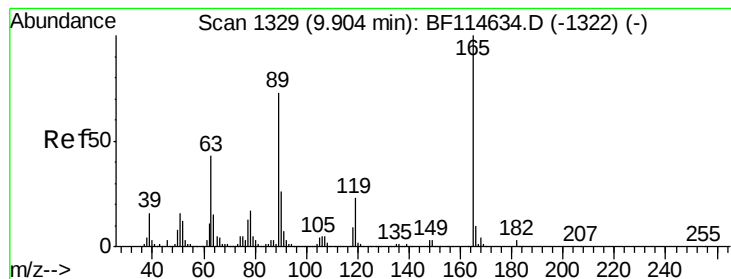
Tot Ion:168 Resp: 2697168
Ion Ratio Lower Upper
168 100
139 42.4 32.6 48.8
169 15.5 11.8 17.8



#56
4-Nitrophenol
Concen: 40.369 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:139 Resp: 495725
Ion Ratio Lower Upper
139 100
109 64.9 40.4 80.4
65 85.3 54.7 94.7





#57

2,4-Dinitrotoluene

Concen: 41.523 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 721518

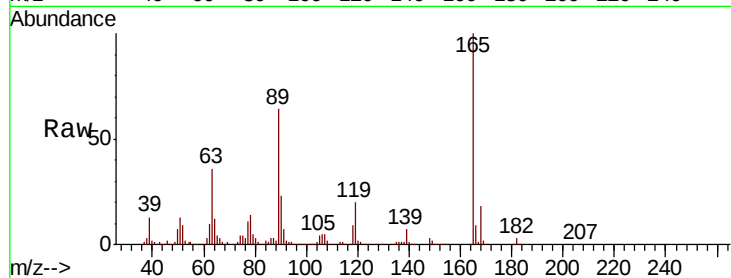
Ion Ratio Lower Upper

165 100

63 35.8 34.8 52.2

89 63.6 58.5 87.7

182 2.7 2.2 3.2

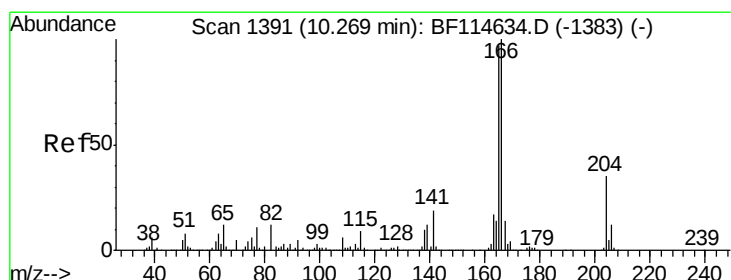
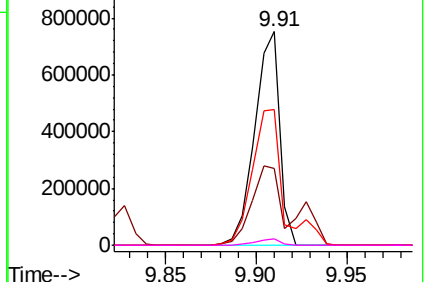
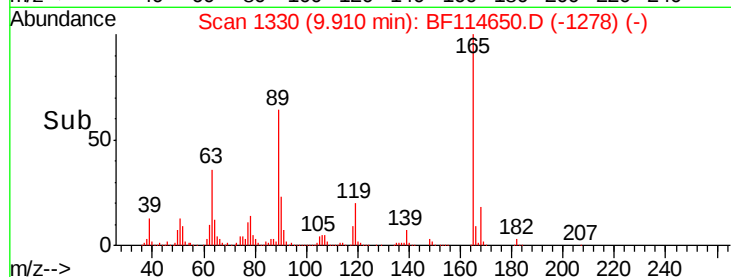


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.439 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

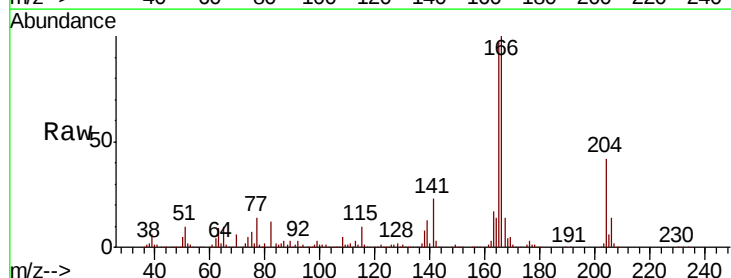
Tgt Ion:166 Resp: 1852660

Ion Ratio Lower Upper

166 100

165 97.4 77.6 116.4

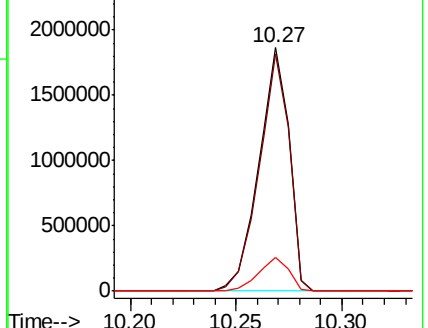
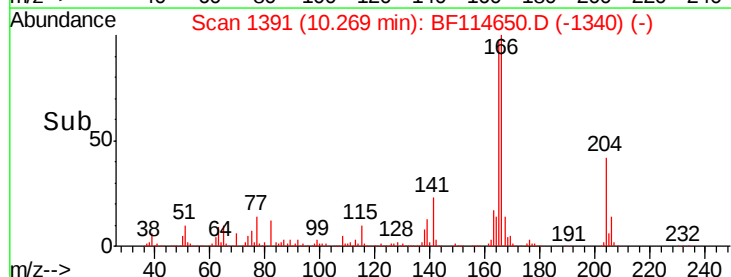
167 14.1 11.2 16.8

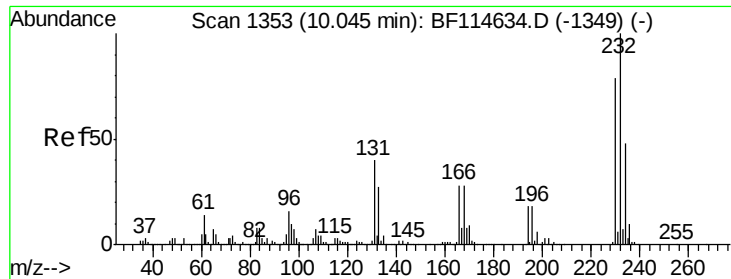


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

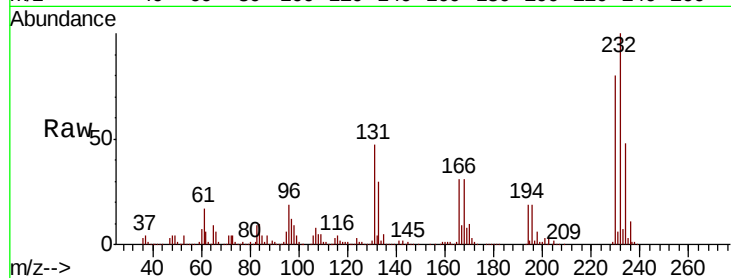




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.904 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.2	55.8
130	2.3	1.8	2.8
166	31.1	24.8	37.2



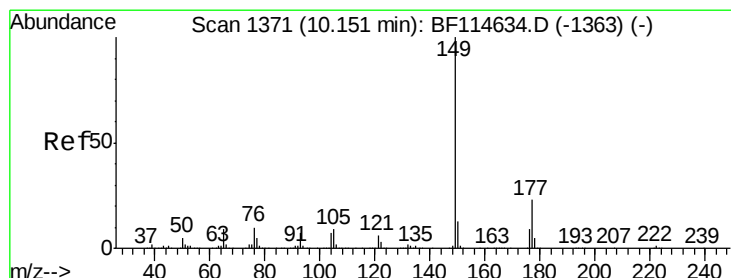
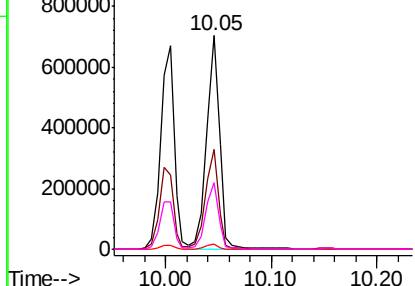
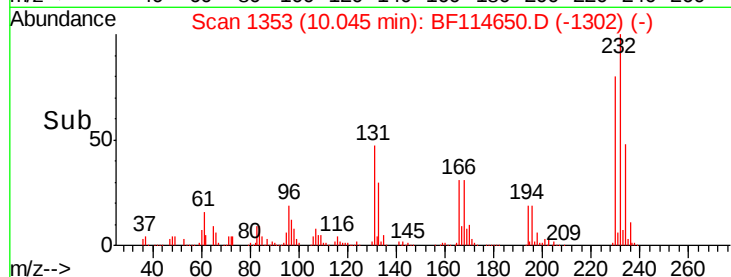
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

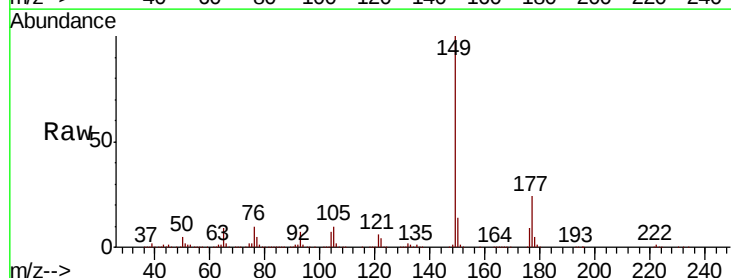
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.594 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.6	28.0
150	13.9	10.6	15.8

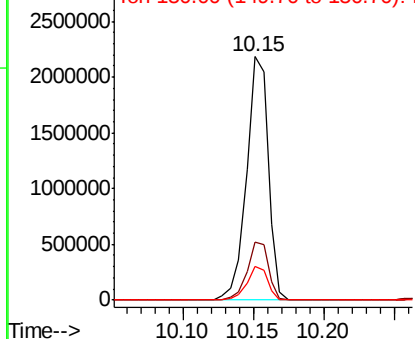
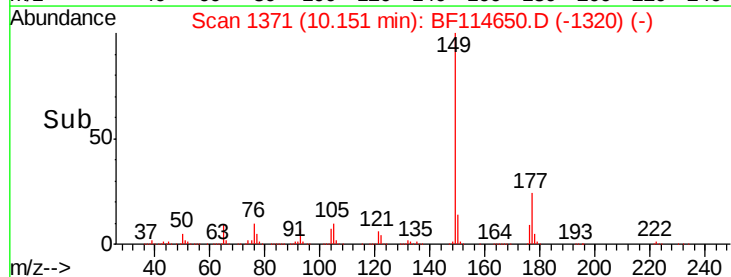


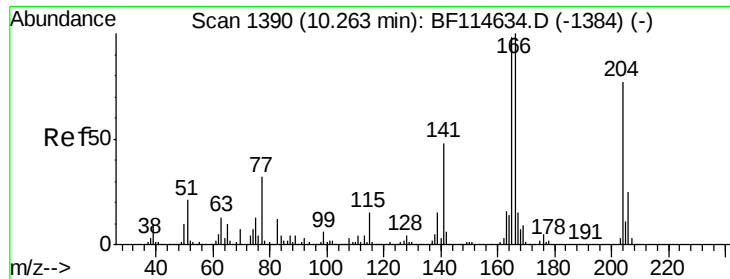
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

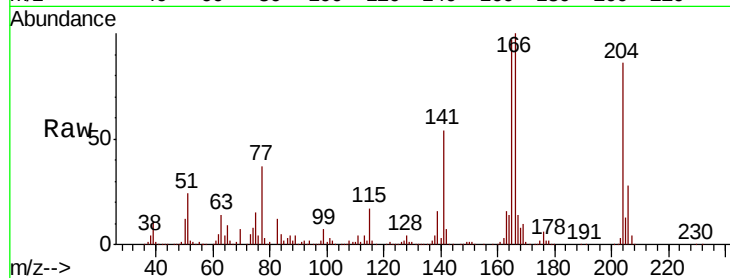




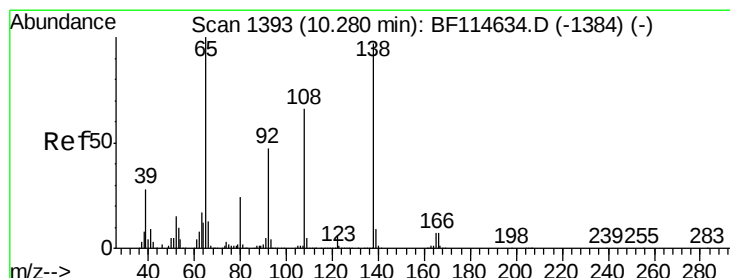
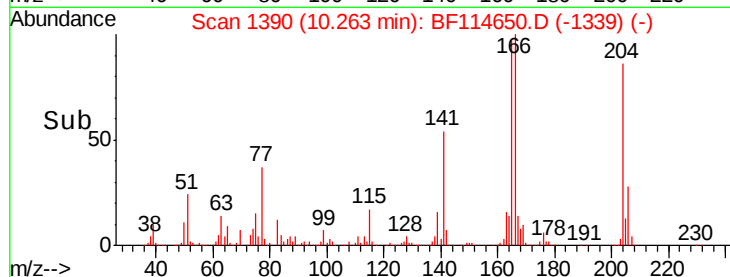
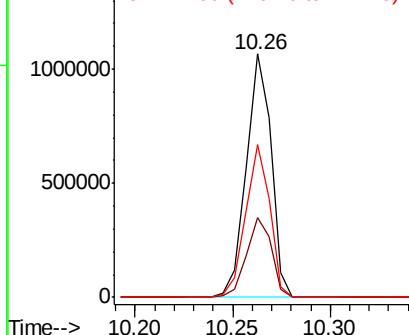
#61
4-Chlorophenyl-phenylether
Concen: 40.034 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	62.9	50.0	75.0

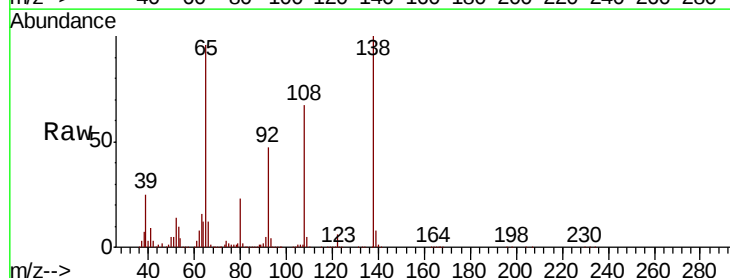


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

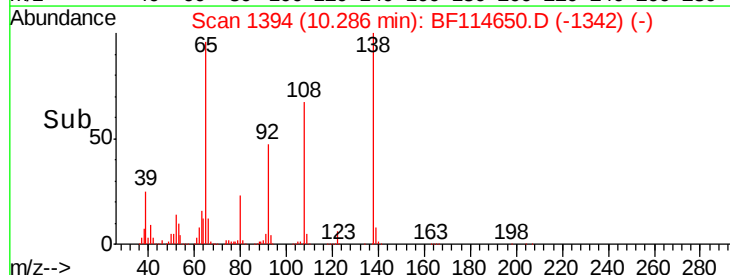
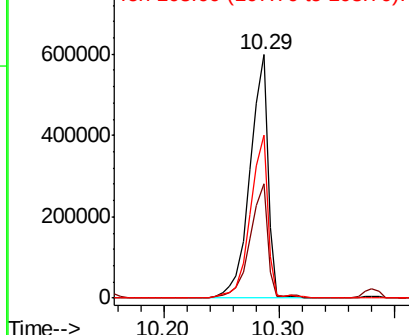


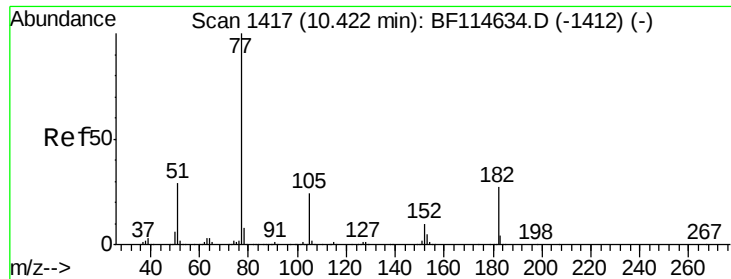
#62
4-Nitroaniline
Concen: 40.134 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	28.0	68.0
108	66.7	48.4	88.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.495 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2157961

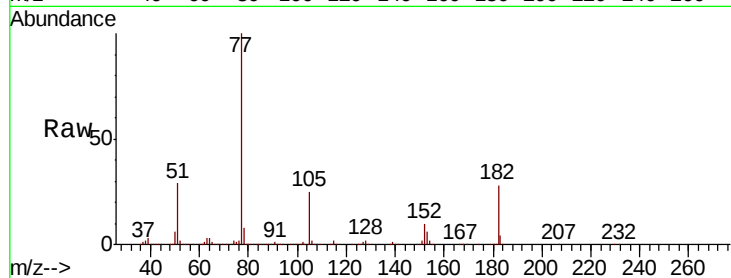
Ion Ratio Lower Upper

77 100

182 27.6 7.0 47.0

105 24.5 3.7 43.7

51 29.4 9.1 49.1

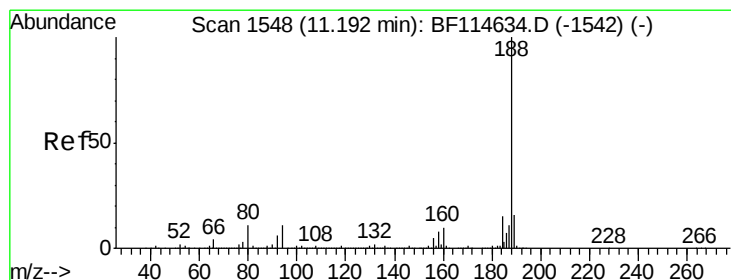
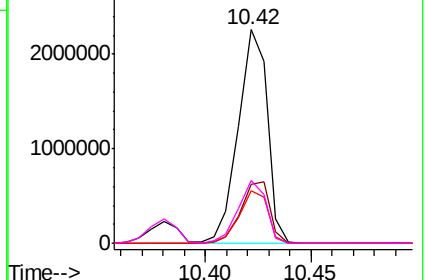
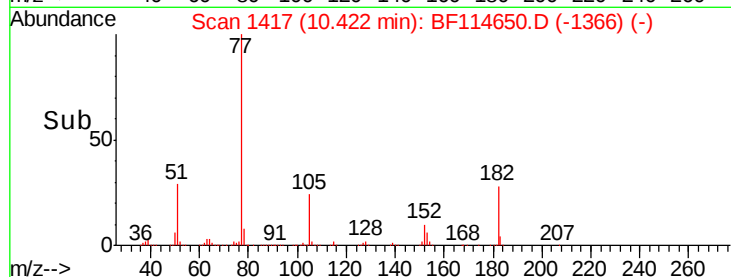


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

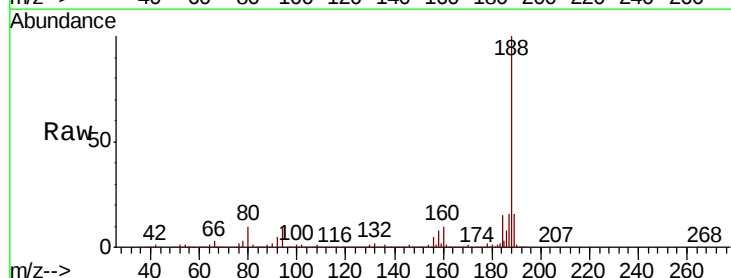
Tgt Ion: 188 Resp: 1542444

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

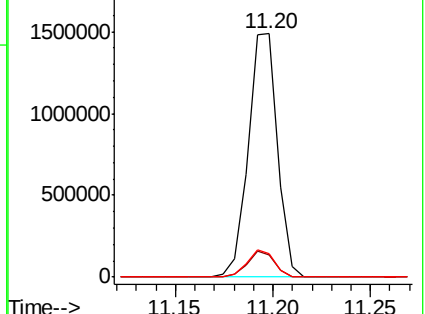
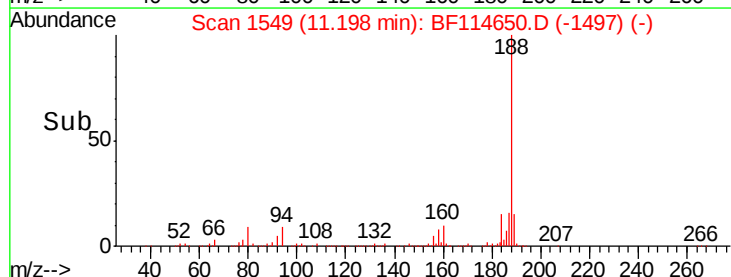
80 9.6 9.0 13.6

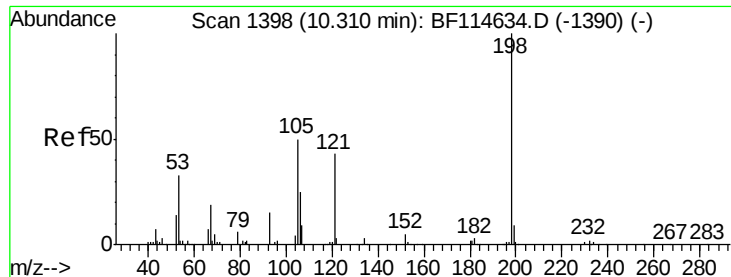


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

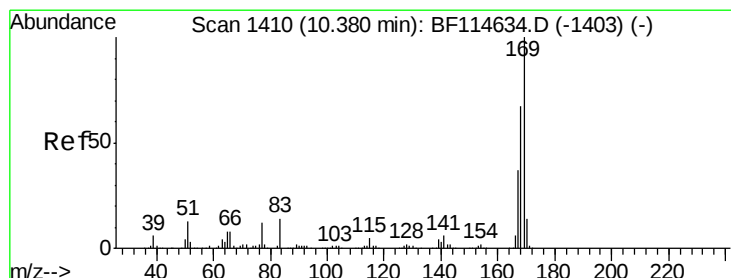
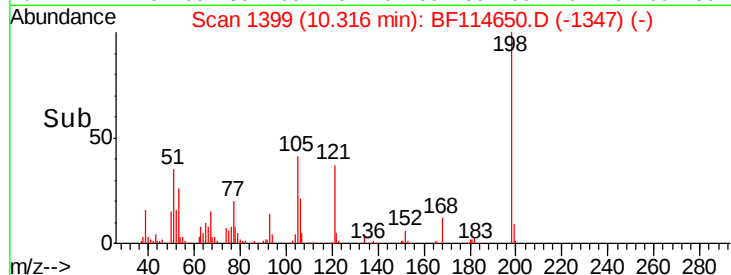
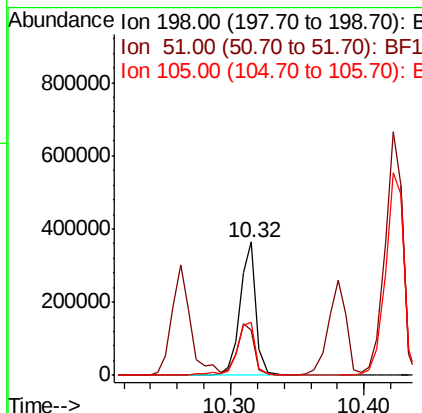
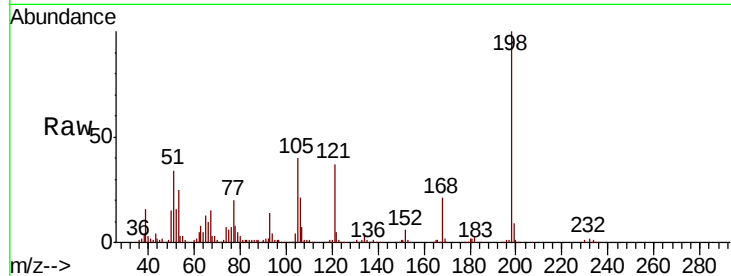




#65
4,6-Dinitro-2-methylphenol
Concen: 43.944 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

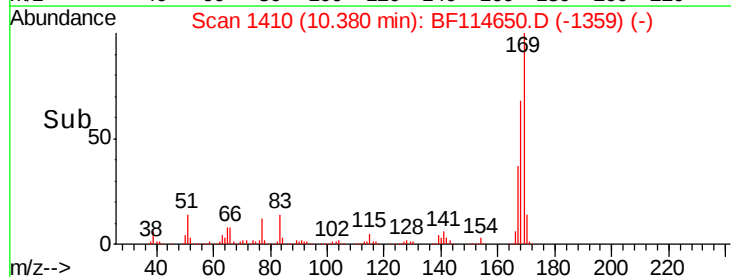
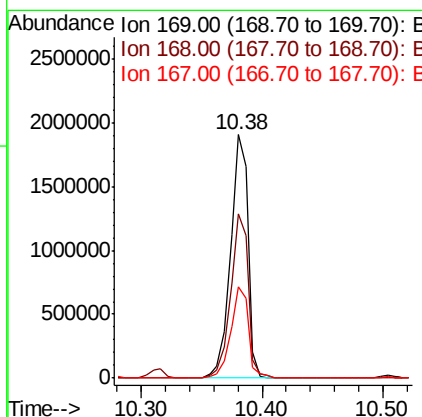
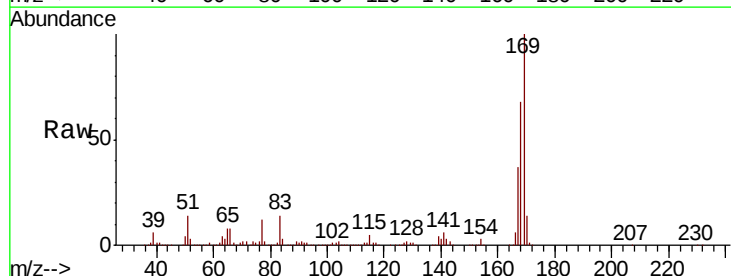
Instrument :
BNA_F
ClientSampled :

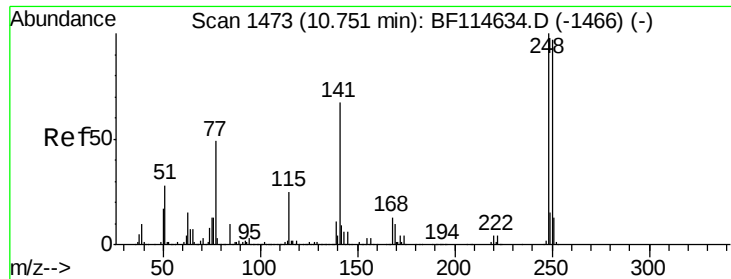
Tot Ion:198 Resp: 300553
Ion Ratio Lower Upper
198 100
51 34.1 29.0 69.0
105 39.8 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 41.894 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:169 Resp: 1909199
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 37.4 29.8 44.6

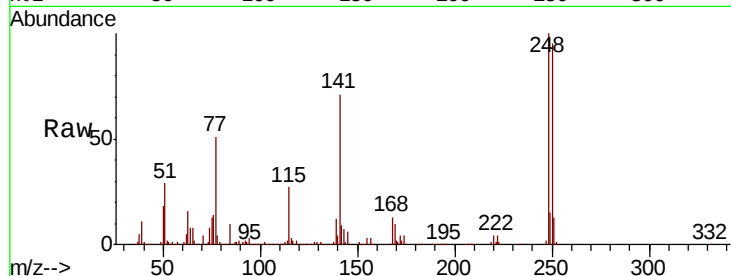




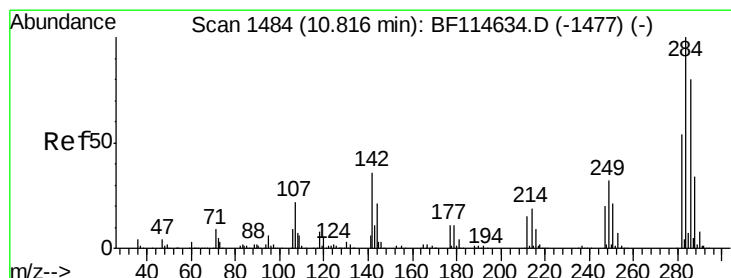
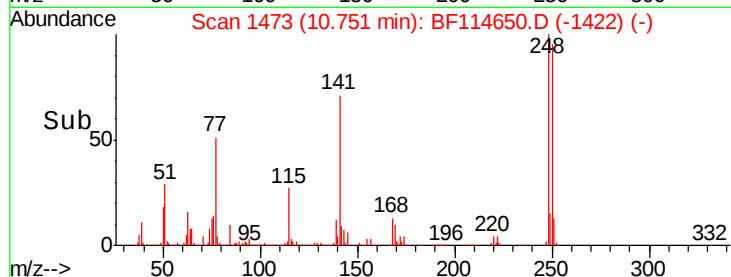
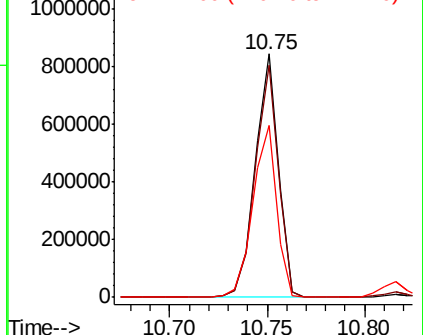
#67
4-Bromophenyl-phenylether
Concen: 42.081 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 696047
Ion Ratio Lower Upper
248 100
250 95.4 78.0 117.0
141 70.8 53.8 80.8

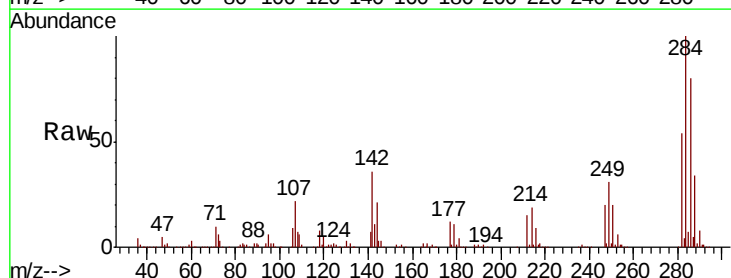


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

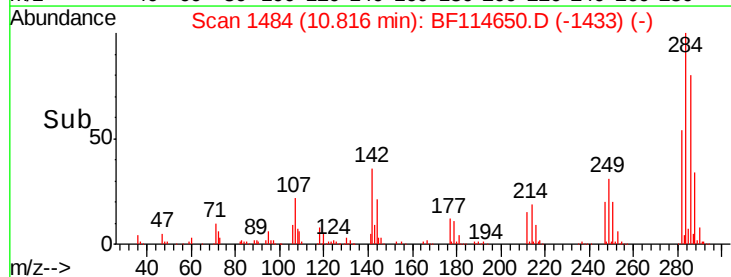
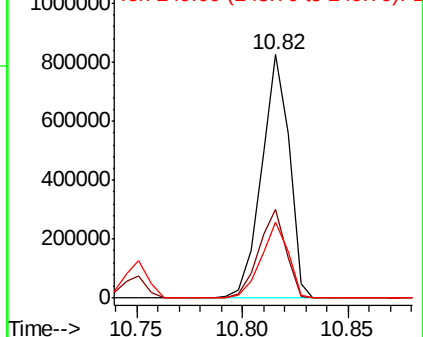


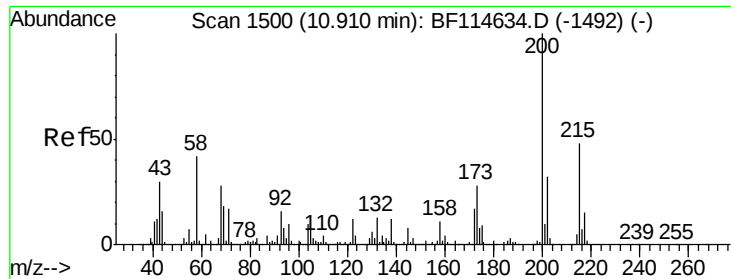
#68
Hexachlorobenzene
Concen: 42.005 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:284 Resp: 752542
Ion Ratio Lower Upper
284 100
142 36.4 28.9 43.3
249 31.3 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

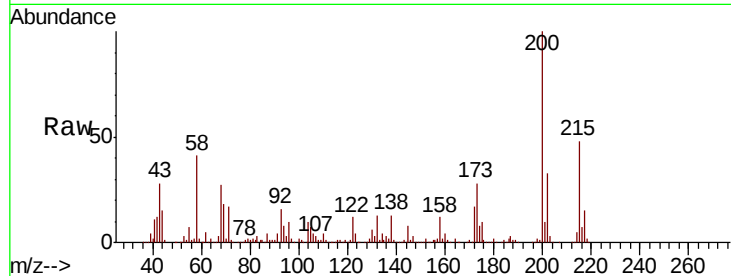




#69
Atrazine
Concen: 38.620 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.9	47.9
215	48.5	27.8	67.8

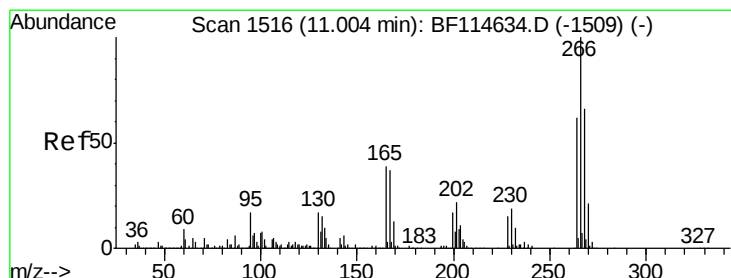
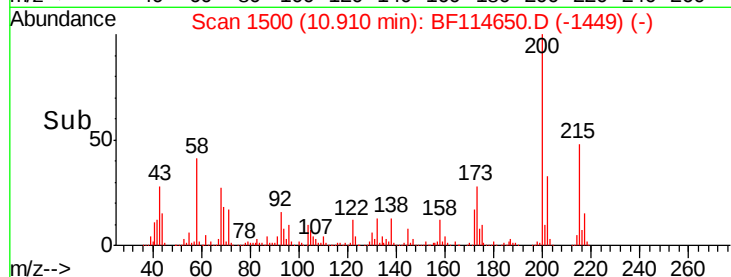
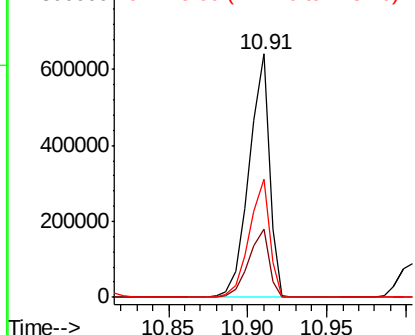


Abundance

Ion 200.00 (199.70 to 200.70): E

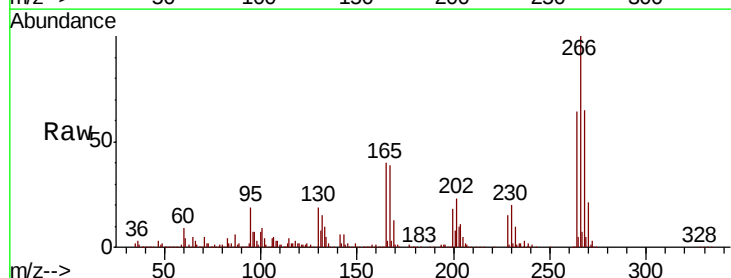
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.490 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.8	79.2
264	64.5	49.9	74.9

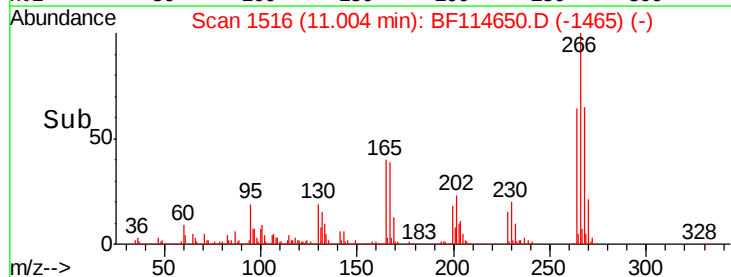
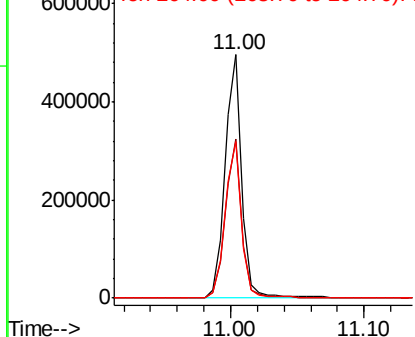


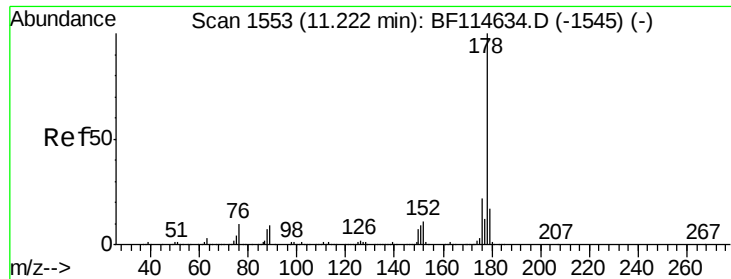
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

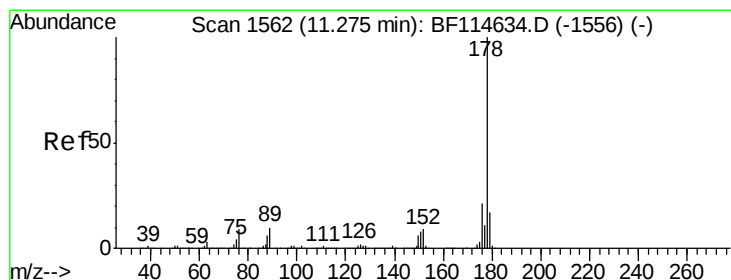
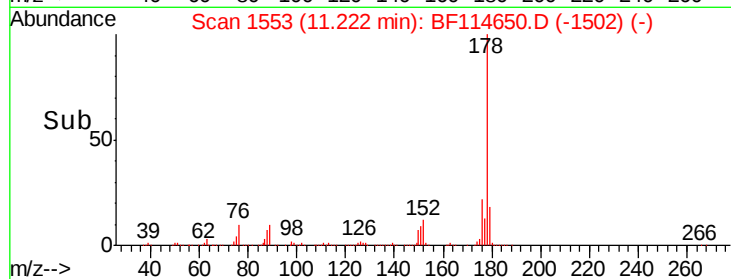
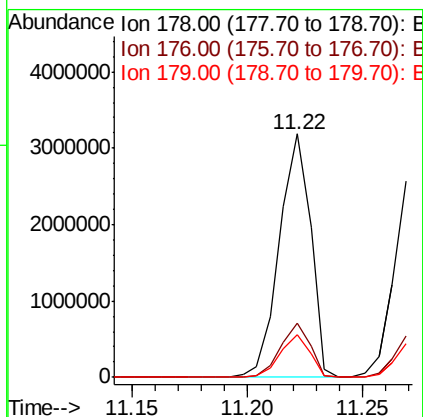
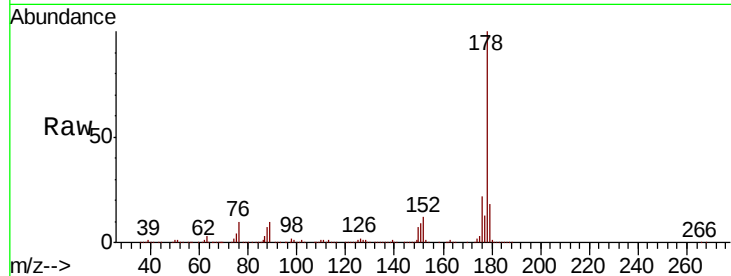




#71
Phenanthrene
Concen: 38.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

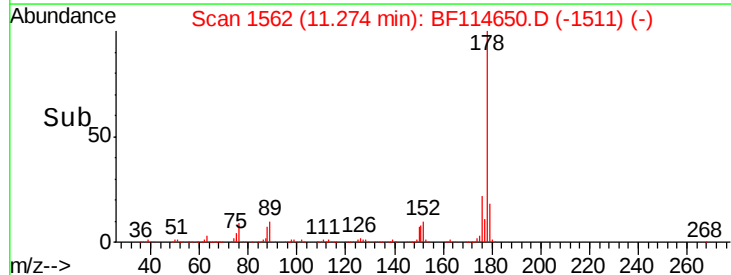
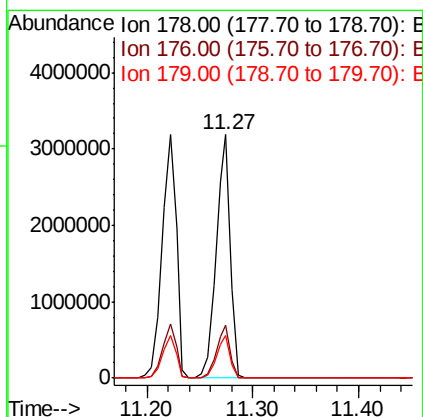
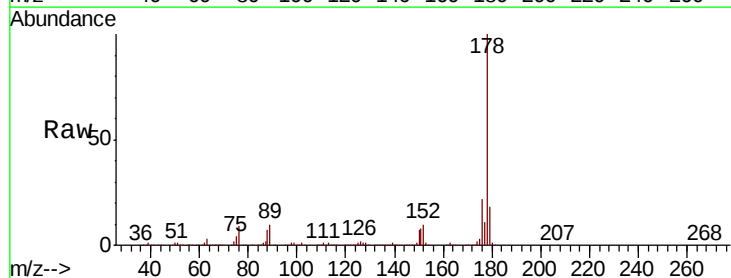
Instrument :
BNA_F
ClientSampleId :

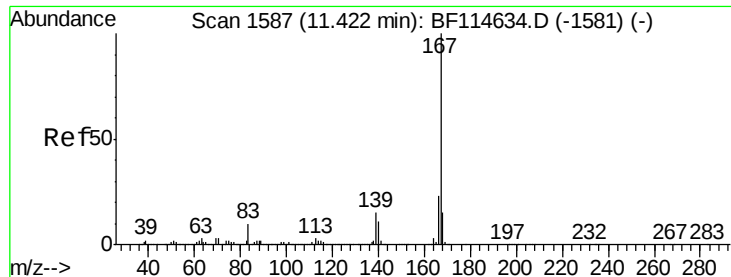
Tot Ion:178 Resp: 2989955
Ion Ratio Lower Upper
178 100
176 22.1 17.2 25.8
179 17.7 13.9 20.9



#72
Anthracene
Concen: 37.815 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:178 Resp: 3011338
Ion Ratio Lower Upper
178 100
176 21.6 16.6 24.8
179 17.7 13.4 20.0





#73

Carbazole

Concen: 39.788 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

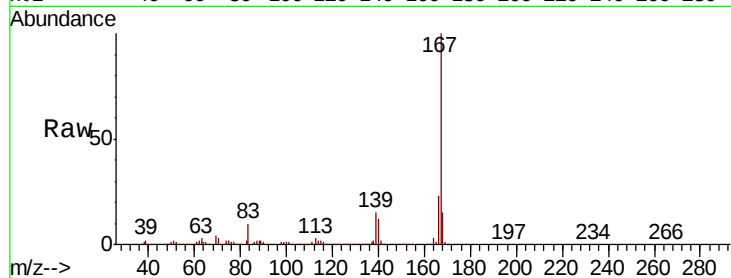
Tot Ion:167 Resp: 2784646

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.7	28.1
139	15.2	11.8	17.8

167 100

166 23.2 18.7 28.1

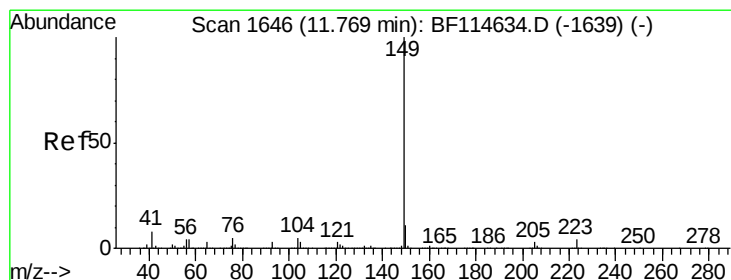
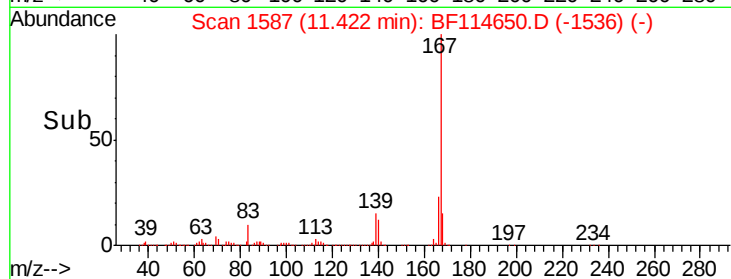
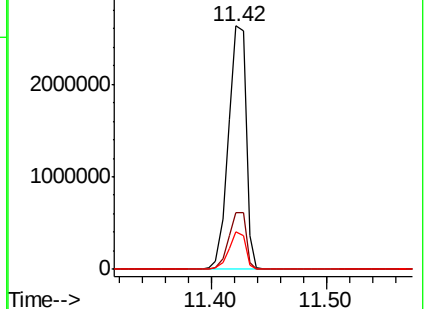
139 15.2 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.563 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

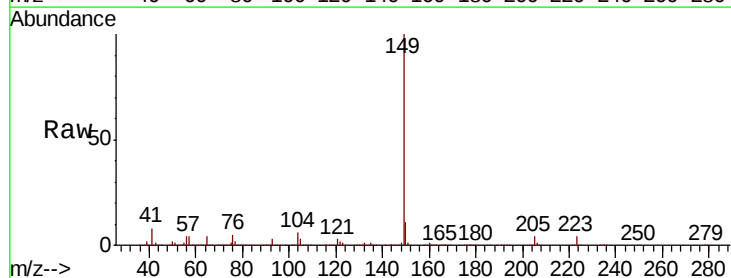
Tgt Ion:149 Resp: 3378674

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.6	12.8
104	5.6	4.3	6.5

149 100

150 11.1 8.6 12.8

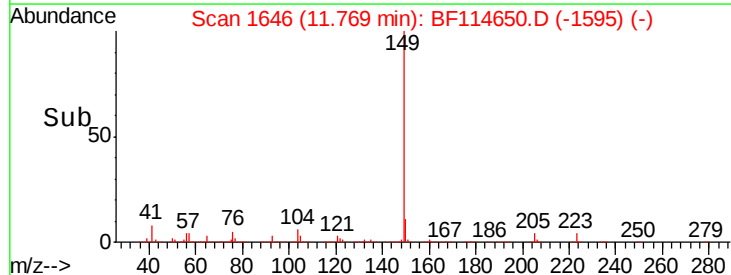
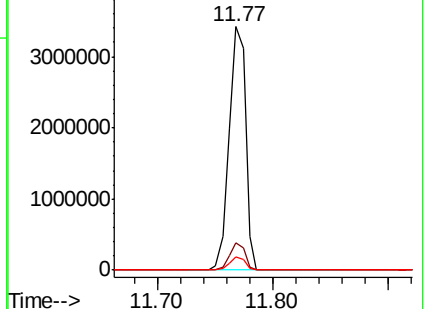
104 5.6 4.3 6.5

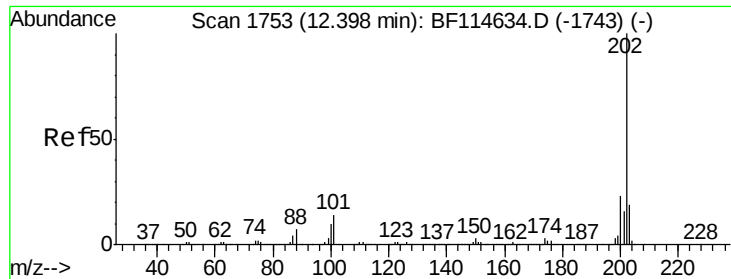


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.562 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

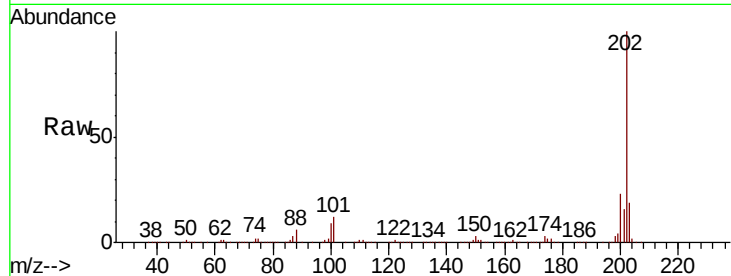
Tot Ion:202 Resp: 3060347

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.9

203 19.3 0.0 39.1

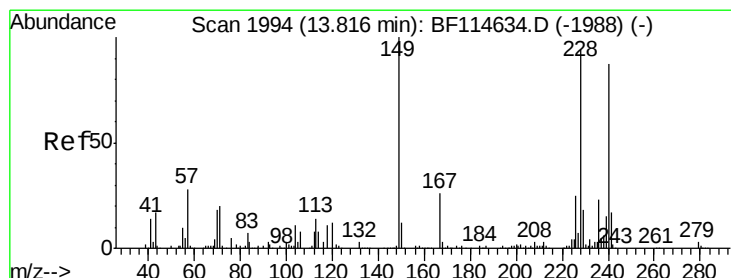
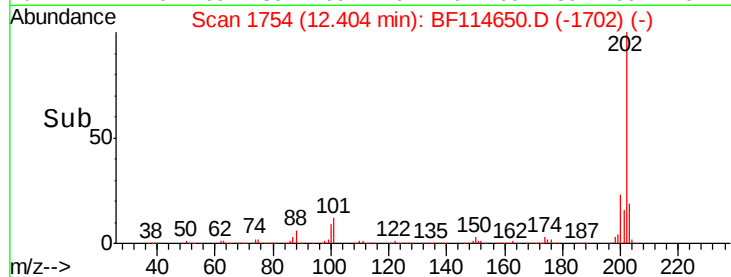
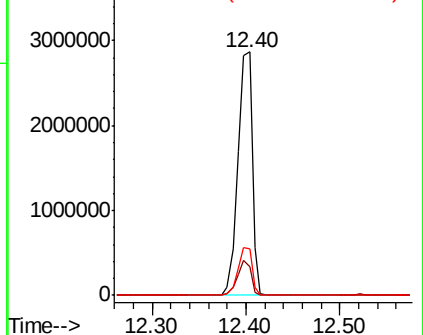


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

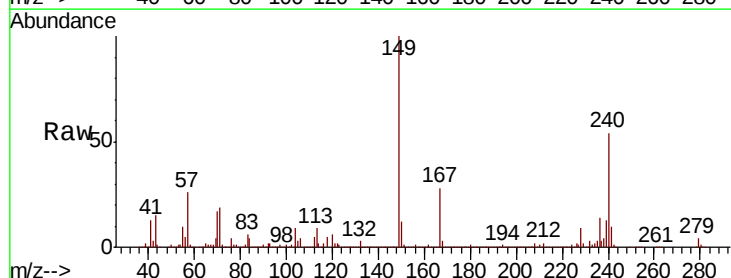
Tgt Ion:240 Resp: 920171

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

236 26.7 21.2 31.8

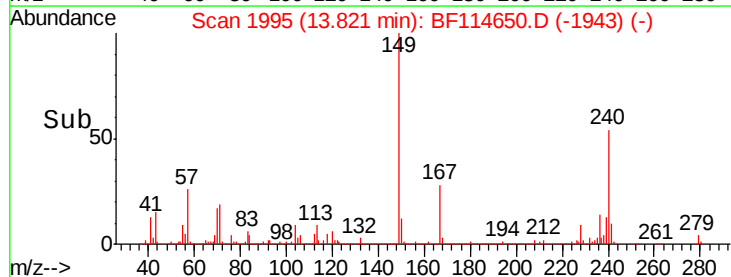
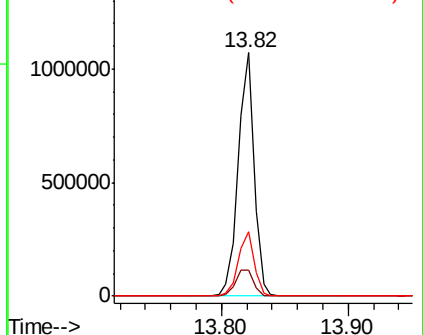


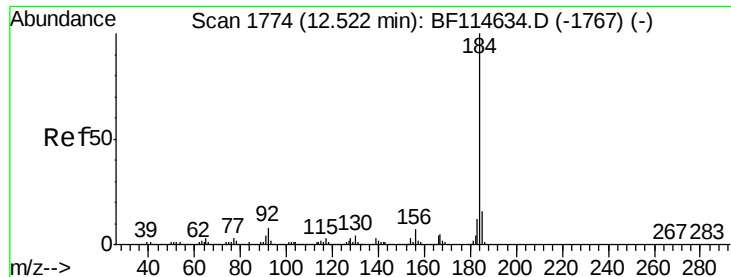
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.332 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

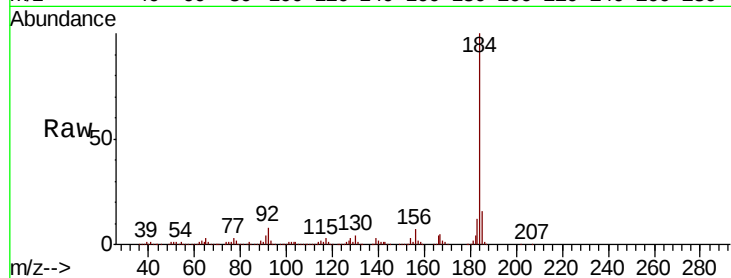
Tot Ion:184 Resp: 1566113

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

183 12.2 9.4 14.2

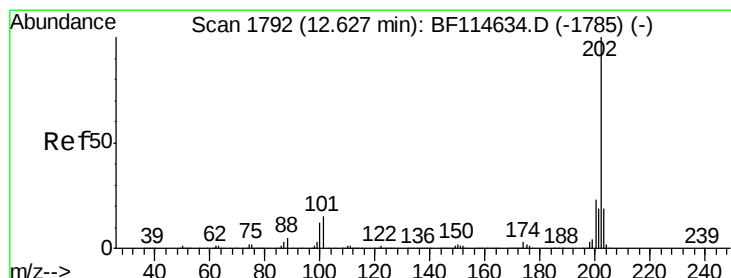
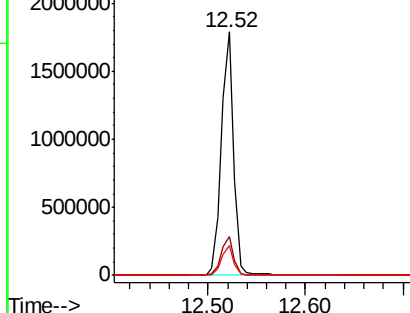
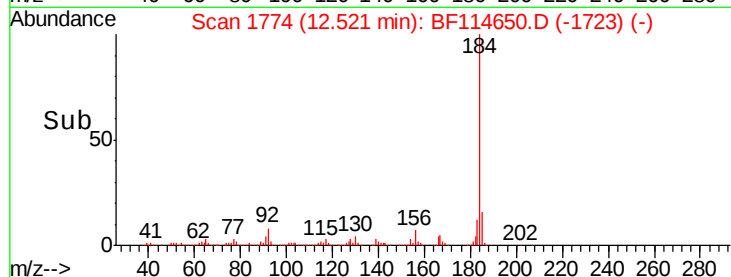


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.775 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

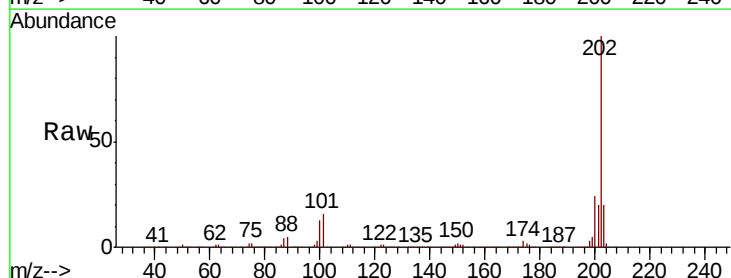
Tgt Ion:202 Resp: 3096080

Ion Ratio Lower Upper

202 100

200 24.3 18.6 28.0

203 19.9 15.4 23.2

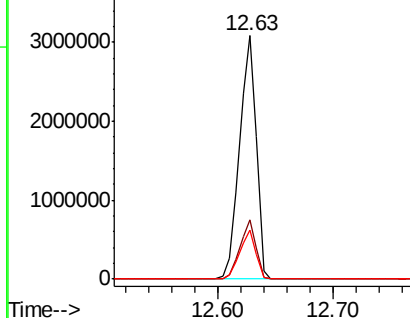
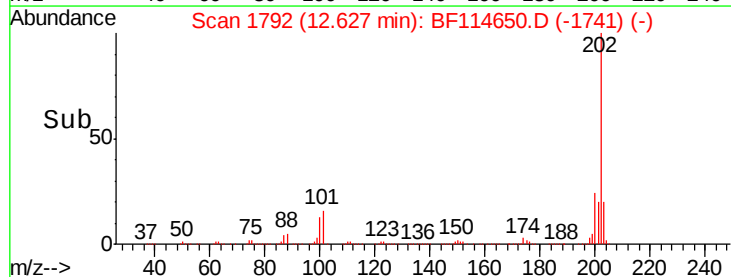


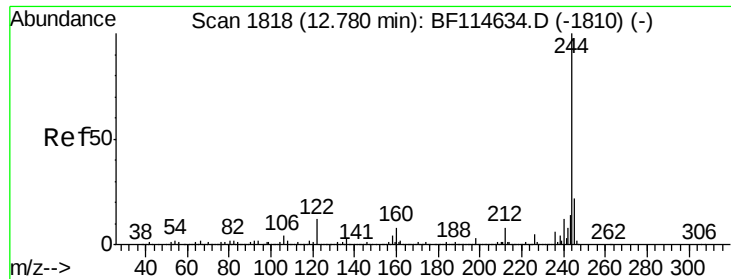
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.390 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

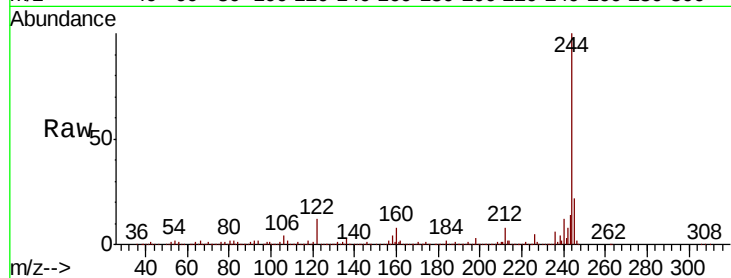
Tot Ion:244 Resp: 3836537

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	12.5	9.8	14.8

244 100

212 7.9 6.1 9.1

122 12.5 9.8 14.8

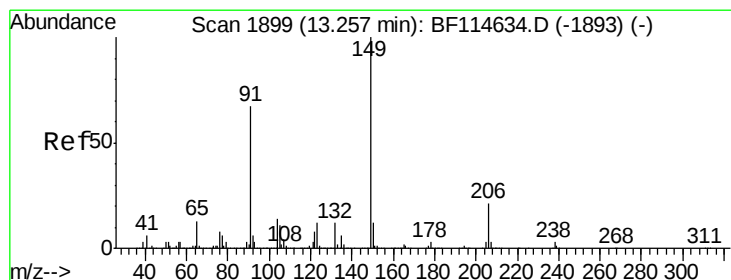
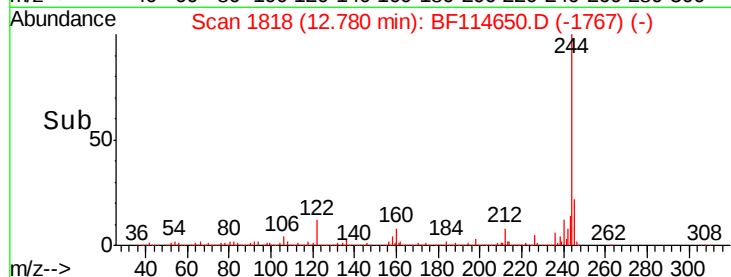
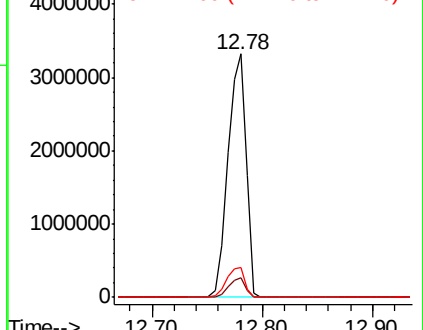


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.289 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

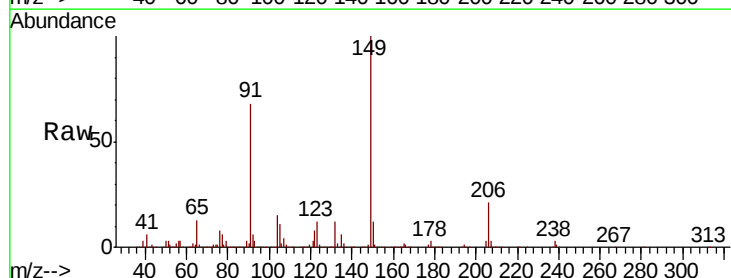
Tgt Ion:149 Resp: 1536960

Ion	Ratio	Lower	Upper
149	100		
91	68.1	53.8	80.8
206	21.1	16.9	25.3

149 100

91 68.1 53.8 80.8

206 21.1 16.9 25.3

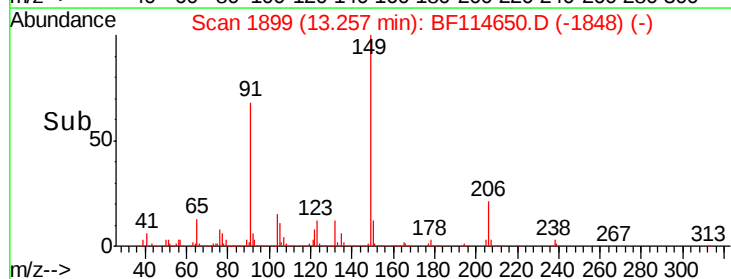
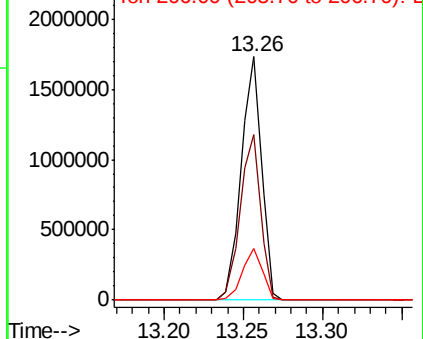


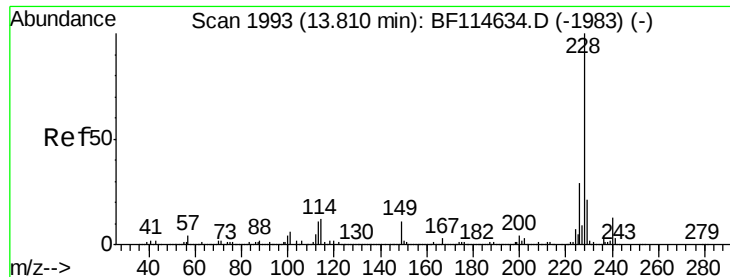
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.546 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

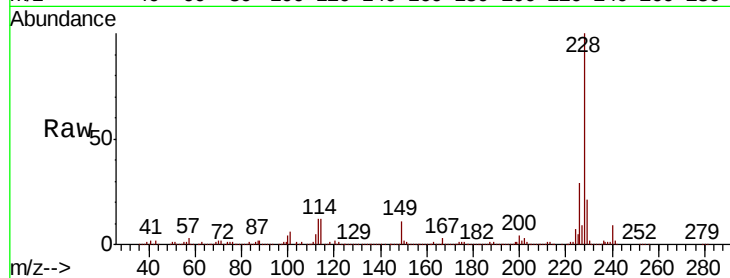
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2867075

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.1	17.0	25.4

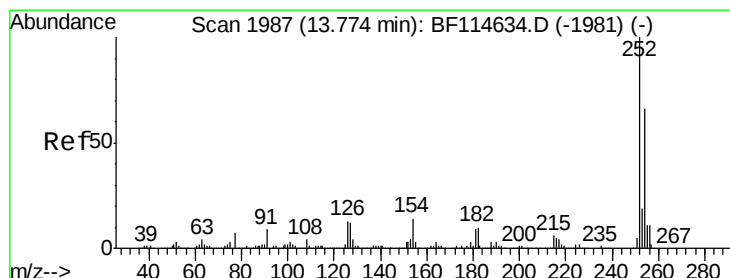
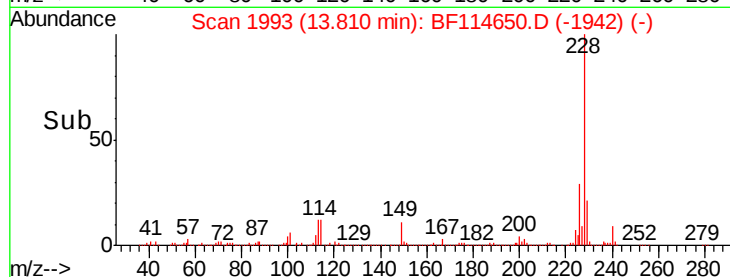
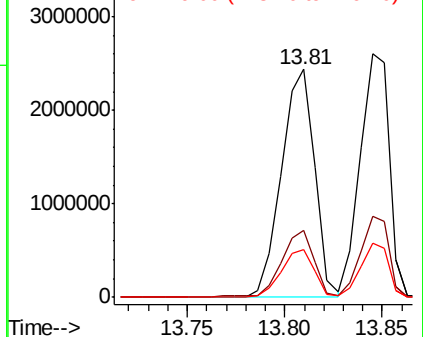


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.006 ng

RT: 13.77 min Scan# 1987

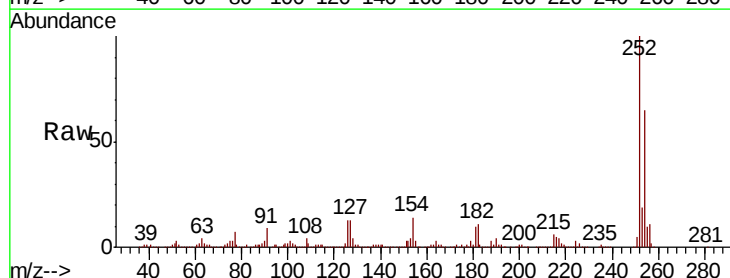
Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Tgt Ion:252 Resp: 1147116

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.1	79.7
126	13.2	10.2	15.2

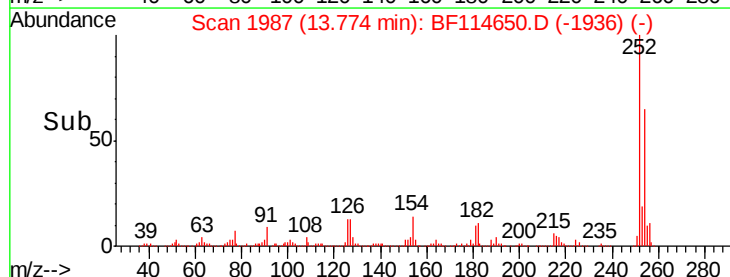
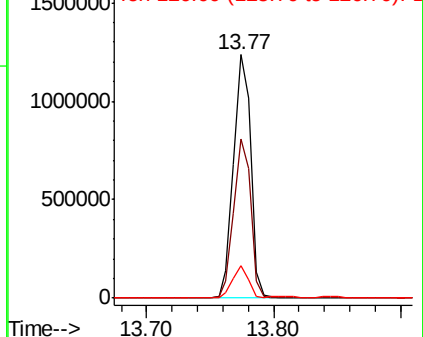


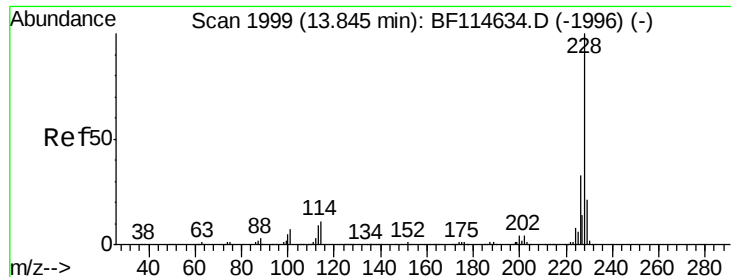
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

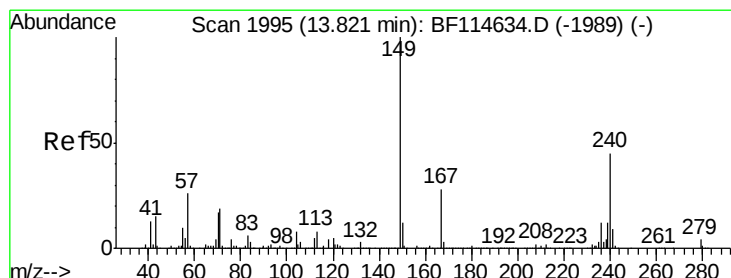
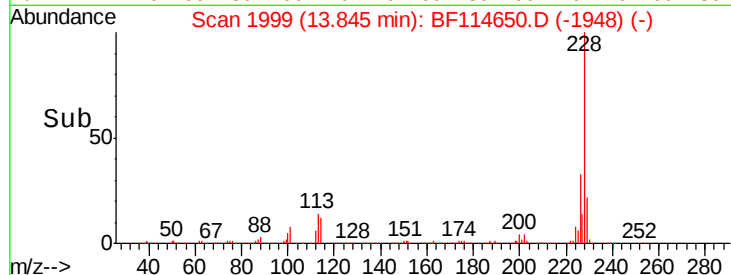
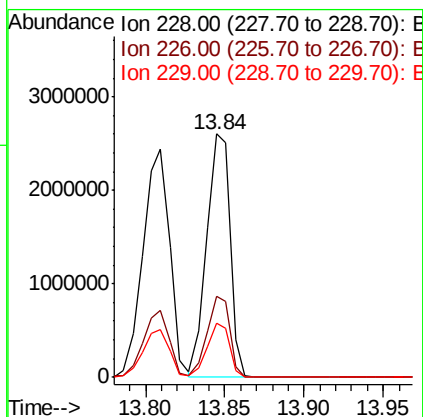
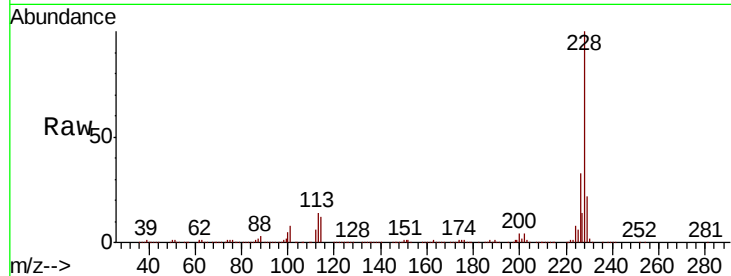




#83
 Chrysene
 Concen: 40.014 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

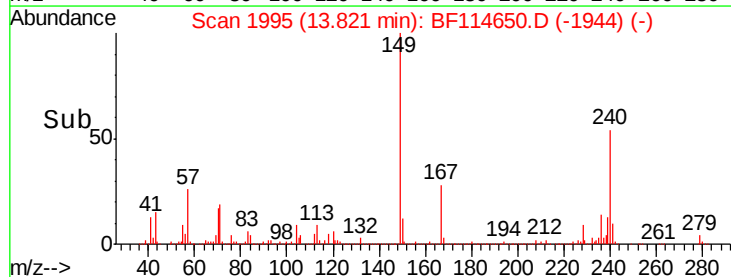
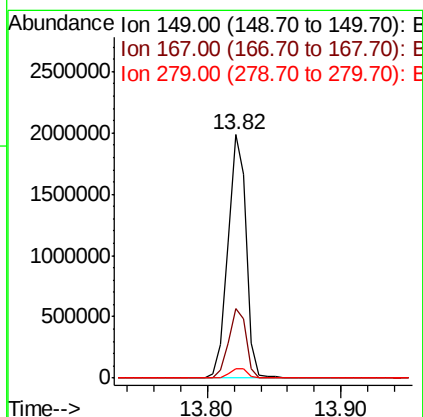
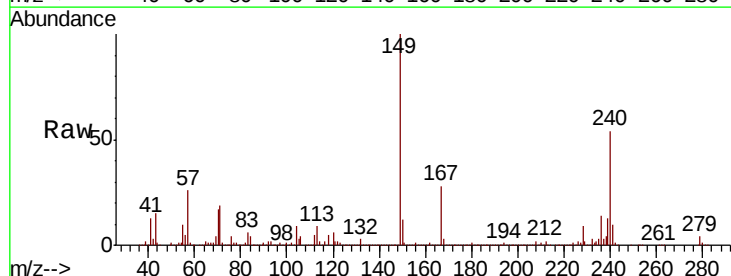
Instrument :
 BNA_F
 ClientSampleId :

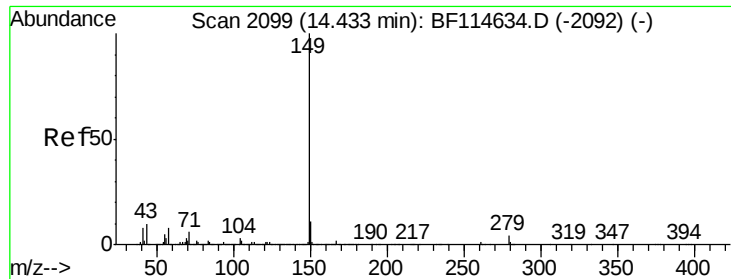
Tot Ion:228 Resp: 2703320
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.4 39.6
 229 22.2 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.393 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF114650.D
 Acq: 30 May 2019 8:52

Tgt Ion:149 Resp: 1905164
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.6 33.8
 279 3.8 3.0 4.4

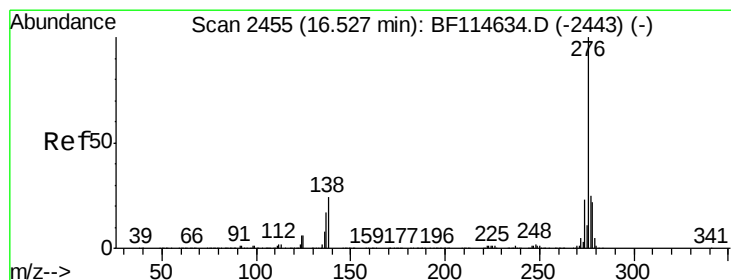
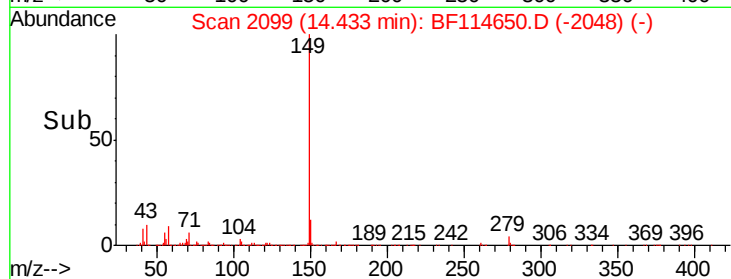
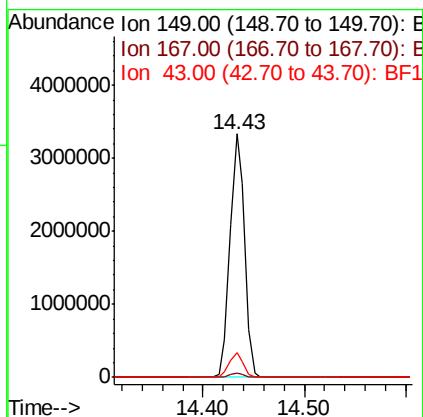
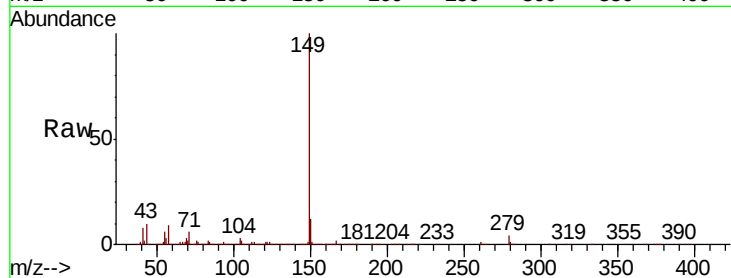




#85
Di-n-octyl phthalate
Concen: 39.495 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

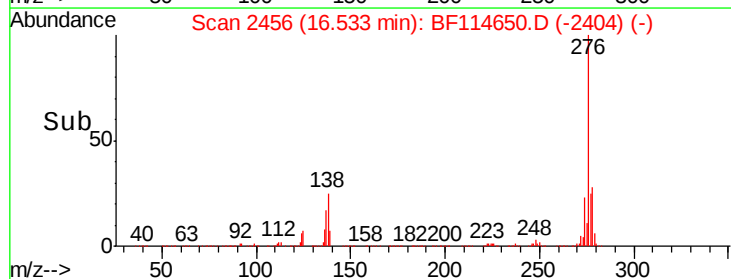
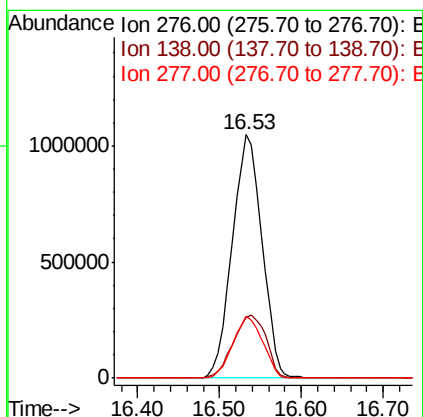
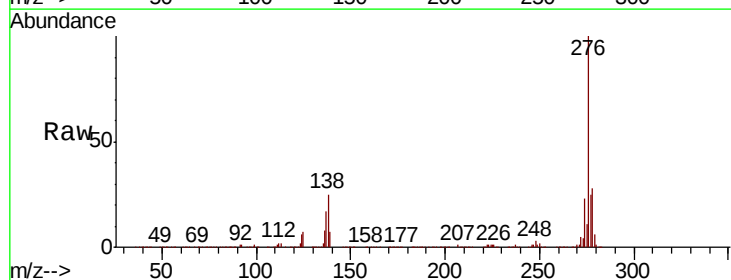
Instrument :
BNA_F
ClientSampleId :

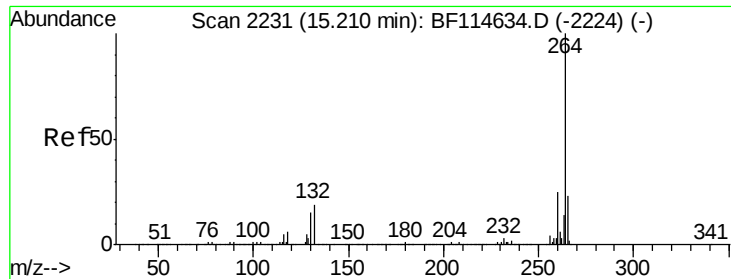
Tot Ion:149 Resp: 3318720
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.313 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:276 Resp: 2660062
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.6
277 25.7 20.5 30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampled :

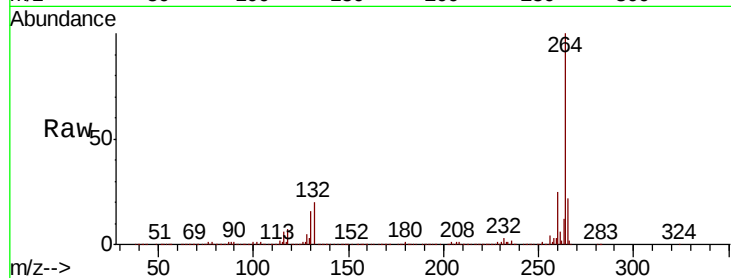
Tot Ion:264 Resp: 1120024

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

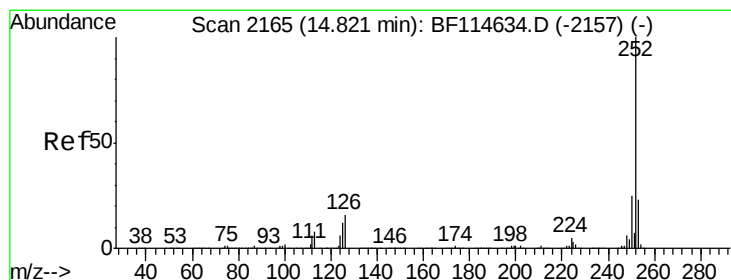
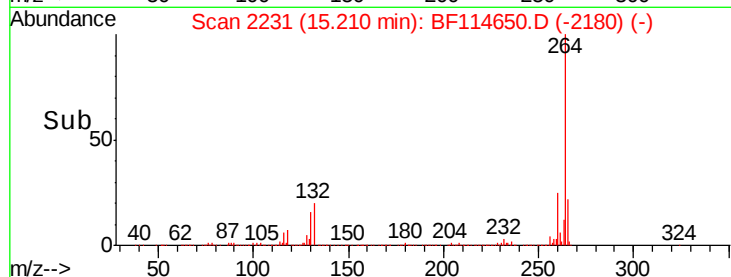
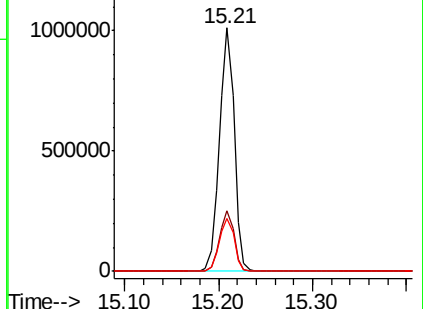
265 21.7 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.837 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

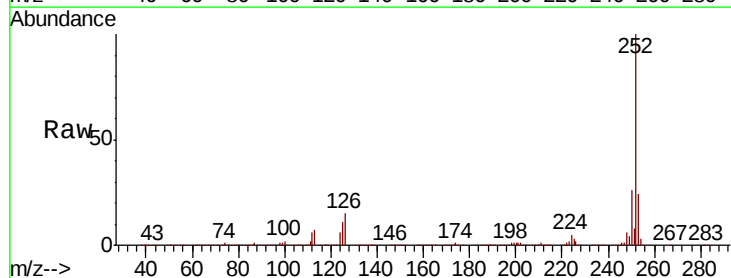
Tgt Ion:252 Resp: 2951330

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

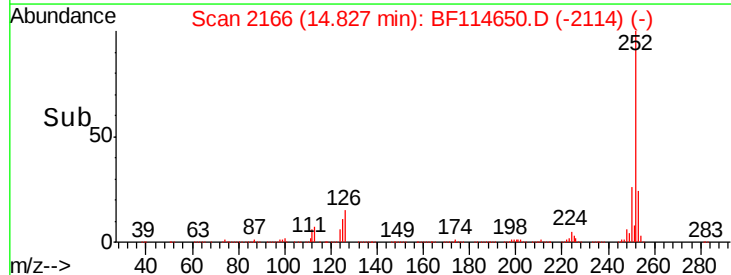
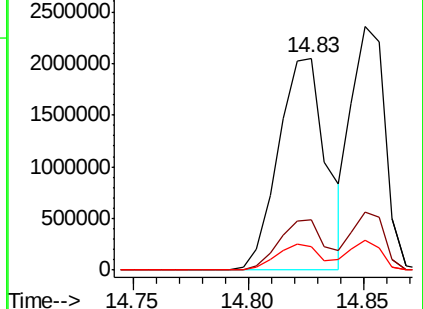
125 11.2 9.4 14.2

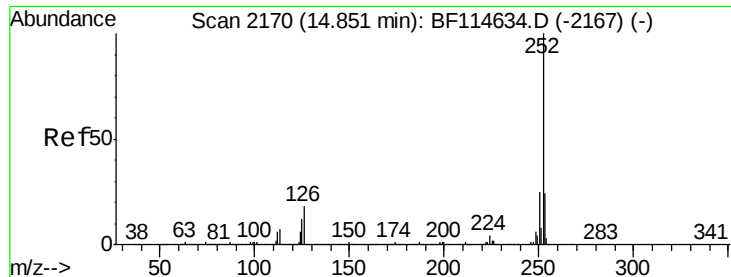


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.997 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

Instrument :

BNA_F

ClientSampleId :

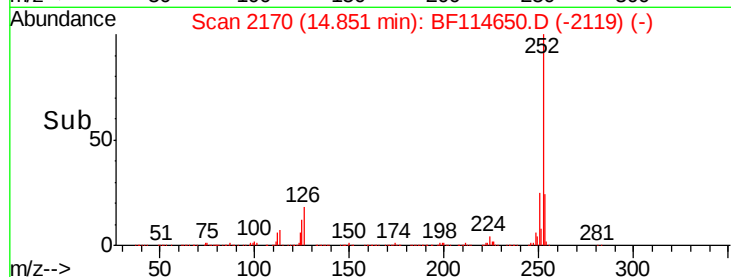
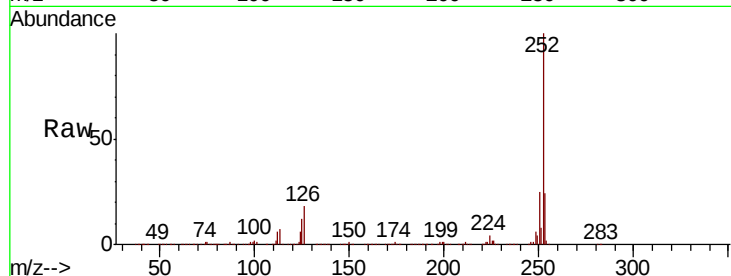
Tot Ion:252 Resp: 2391087

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

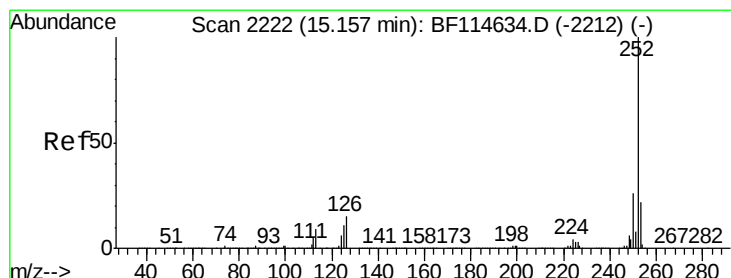
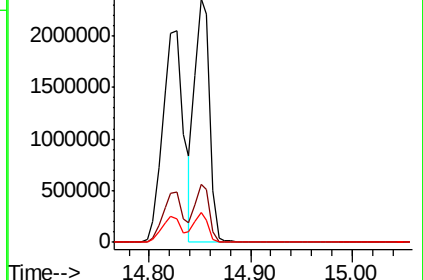
125 12.5 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.590 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BF114650.D

Acq: 30 May 2019 8:52

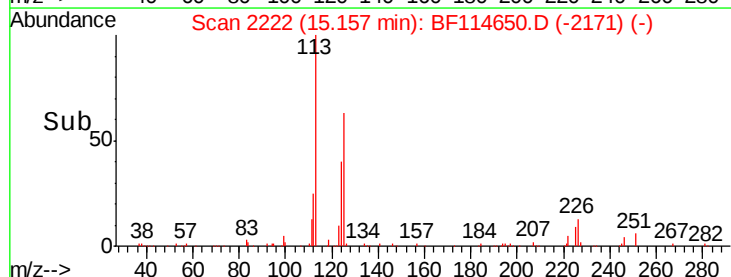
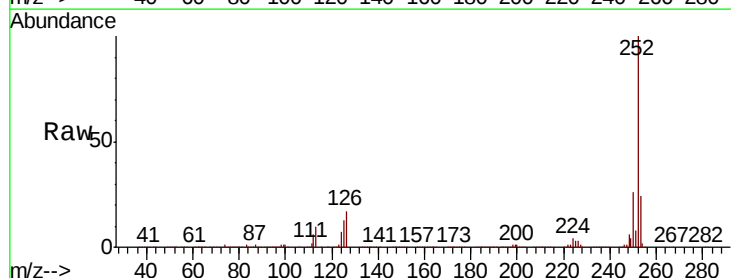
Tgt Ion:252 Resp: 2515421

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

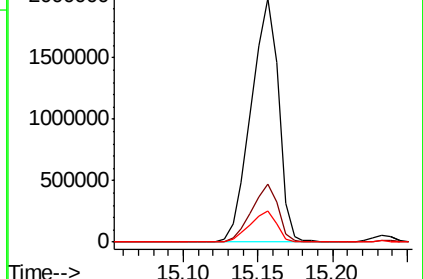
125 12.9 9.2 13.8

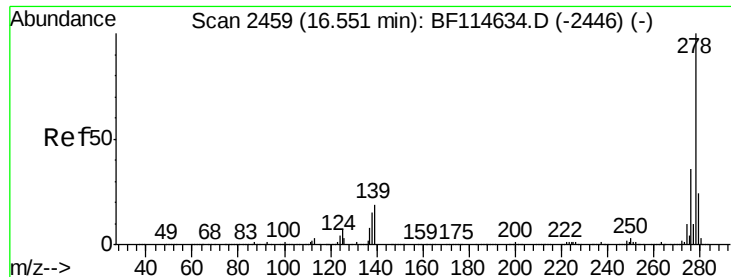


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

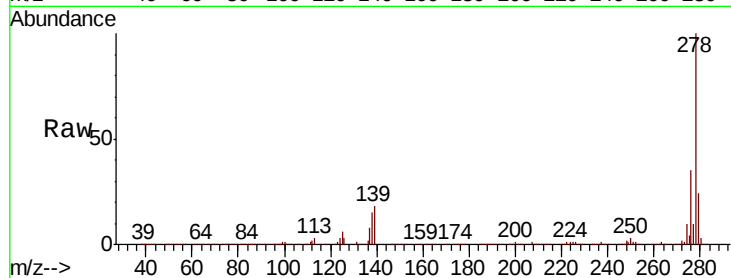




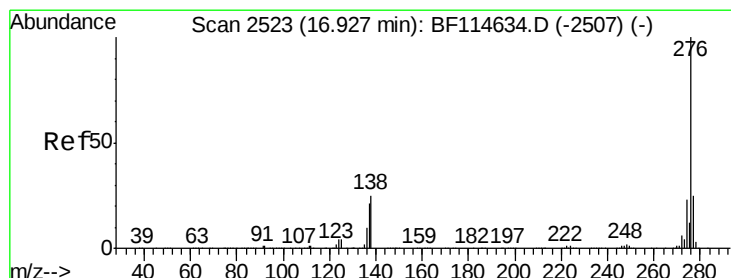
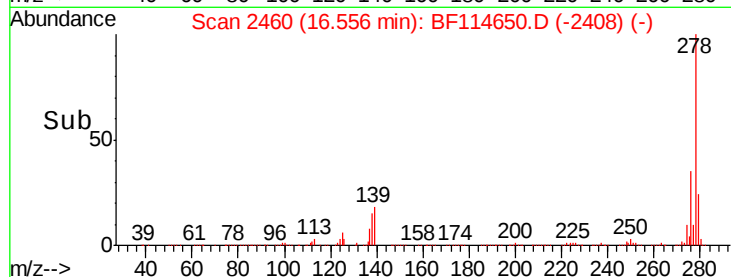
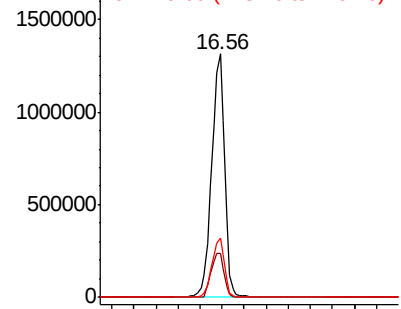
#91
Dibenzo(a,h)anthracene
Concen: 39.932 ng
RT: 16.56 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2186751
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.3 19.5 29.3

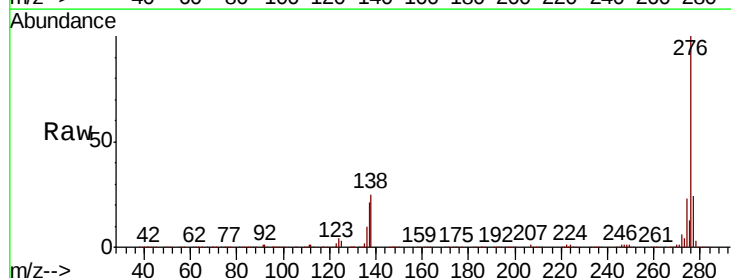


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.650 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BF114650.D
Acq: 30 May 2019 8:52

Tgt Ion:276 Resp: 2107420
Ion Ratio Lower Upper
276 100
277 24.2 19.7 29.5
138 25.0 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

