

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114651.D
 Acq On : 30 May 2019 9:18
 Operator : HP/JU
 Sample : PB119288BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:22:52 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	6.69	152	196086	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	825523	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	416556	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	795589	20.00	ng	0.00
76) Chrysene-d12	13.82	240	482107	20.00	ng	0.00
87) Perylene-d12	15.20	264	419918	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1274799	114.14	ng	0.02
7) Phenol-d6	6.33	99	1579993	117.40	ng	0.00
23) Nitrobenzene-d5	7.25	82	817936	61.82	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	434983	109.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1692780	67.51	ng	0.00
79) Terphenyl-d14	12.77	244	1824278	71.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	470791	87.841	ng	98
3) Pyridine	3.16	79	1246812	79.934	ng	98
4) n-Nitrosodimethylamine	3.10	42	527678	83.598	ng	98
6) Aniline	6.35	93	1144438	56.296	ng	98
8) 2-Chlorophenol	6.48	128	1199590	93.006	ng	99
9) Benzaldehyde	6.23	77	220647	28.734	ng	97
10) Phenol	6.34	94	1459369	89.763	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	1097387	88.244	ng	98
12) 1,3-Dichlorobenzene	6.63	146	1227744	83.550	ng	97
13) 1,4-Dichlorobenzene	6.71	146	1251324	84.883	ng	98
14) 1,2-Dichlorobenzene	6.86	146	1197195	89.202	ng	99
15) Benzyl Alcohol	6.84	79	970850	91.708	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1589947	83.358	ng	99
17) 2-Methylphenol	6.96	107	987895	90.557	ng	100
18) Hexachloroethane	7.21	117	467737	83.801	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	773600	83.275	ng	99
20) 3+4-Methylphenols	7.10	107	1101823	85.876	ng	96
22) Acetophenone	7.10	105	1503884	85.499	ng	97
24) Nitrobenzene	7.27	77	1215227	86.458	ng	94
25) Isophorone	7.52	82	2239646	84.341	ng	99
26) 2-Nitrophenol	7.59	139	629581	92.019	ng	99
27) 2,4-Dimethylphenol	7.64	122	1104971	97.108	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1409382	83.376	ng	99
29) 2,4-Dichlorophenol	7.83	162	1040265	89.817	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1118854	84.791	ng	100
31) Naphthalene	8.00	128	3237022	85.129	ng	100
32) Benzoic acid	7.77	122	797890	107.958	ng	97
33) 4-Chloroaniline	8.05	127	878346	48.484	ng	98
34) Hexachlorobutadiene	8.13	225	598275	81.617	ng	99
35) Caprolactam	8.42	113	202428	51.791	ng	100
36) 4-Chloro-3-methylphenol	8.53	107	1040157	89.553	ng	97
37) 2-Methylnaphthalene	8.69	142	2272968	89.966	ng	99
38) 1-Methylnaphthalene	8.79	142	2165934	90.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	923707	83.268	ng	99

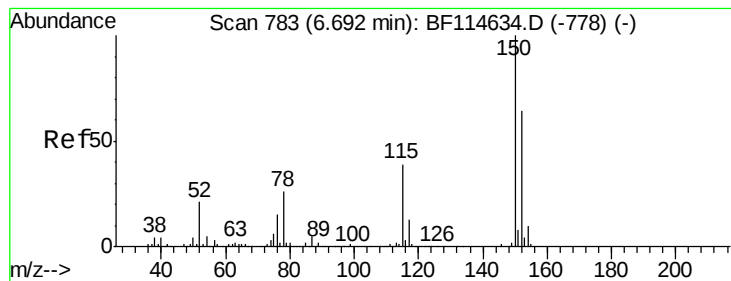
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1047269	142.862	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	771735	88.415	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	765382	87.872	ng	99
46) 1,1'-Biphenyl	9.15	154	2600701	84.107	ng	100
47) 2-Chloronaphthalene	9.17	162	2106249	83.039	ng	100
48) 2-Nitroaniline	9.26	65	636595	81.329	ng	100
49) Acenaphthylene	9.59	152	3196738	81.580	ng	98
50) Dimethylphthalate	9.46	163	2402381	82.766	ng	99
51) 2,6-Dinitrotoluene	9.51	165	576211	85.432	ng	98
52) Acenaphthene	9.76	154	2216285	92.225	ng	99
53) 3-Nitroaniline	9.67	138	457939	55.476	ng	98
54) 2,4-Dinitrophenol	9.78	184	548368	206.124	ng	95
55) Dibenzofuran	9.93	168	2812954	82.232	ng	98
56) 4-Nitrophenol	9.84	139	1029153	168.239	ng	93
57) 2,4-Dinitrotoluene	9.91	165	763487	88.203	ng	95
58) Fluorene	10.27	166	1955282	84.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	641198	89.936	ng	100
60) Diethylphthalate	10.16	149	2394041	80.755	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	970129	83.949	ng	99
62) 4-Nitroaniline	10.29	138	592212	73.623	ng	97
63) Azobenzene	10.42	77	2233776	82.069	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	326448	92.537	ng	80
66) n-Nitrosodiphenylamine	10.38	169	1979075	84.195	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	697677	81.775	ng	98
68) Hexachlorobenzene	10.82	284	741668	80.260	ng	100
69) Atrazine	10.91	200	608636	82.181	ng	100
70) Pentachlorophenol	11.00	266	867630	162.879	ng	98
71) Phenanthrene	11.22	178	3100419	76.395	ng	99
72) Anthracene	11.27	178	3149777	76.683	ng	98
73) Carbazole	11.43	167	2863807	79.331	ng	99
74) Di-n-butylphthalate	11.77	149	3407825	77.697	ng	99
75) Fluoranthene	12.40	202	3153567	75.042	ng	98
77) Benzidine	12.52	184	1049235	52.852	ng	99
78) Pyrene	12.63	202	3180101	77.977	ng	98
80) Butylbenzylphthalate	13.26	149	1560847	76.154	ng	98
81) Benzo(a)anthracene	13.81	228	2869242	77.446	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	992144	69.344	ng	98
83) Chrysene	13.85	228	2787723	78.757	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	2034760	80.302	ng	100
85) Di-n-octyl phthalate	14.43	149	3402749	77.291	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2788444	78.655	ng	100
88) Benzo(b)fluoranthene	14.82	252	3001113	113.472	ng	100
89) Benzo(k)fluoranthene	14.85	252	2627625	114.304	ng	100
90) Benzo(a)pyrene	15.15	252	2710074	116.641	ng	96
91) Dibenzo(a,h)anthracene	16.55	278	2321219	113.058	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2300326	115.438	ng	98

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

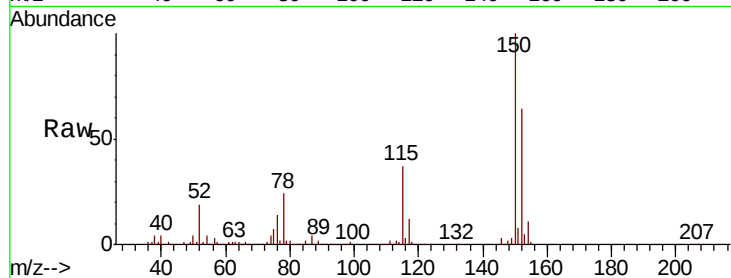


#1

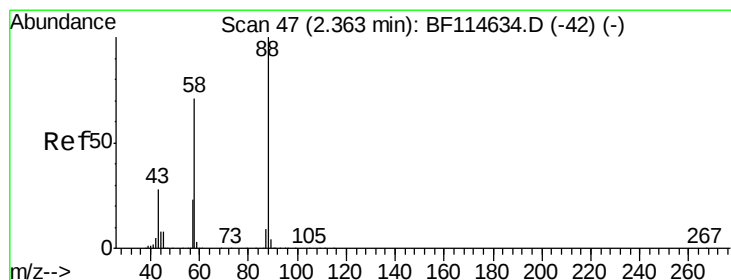
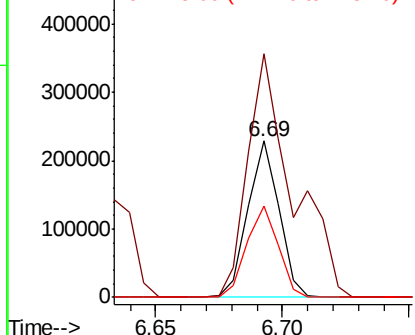
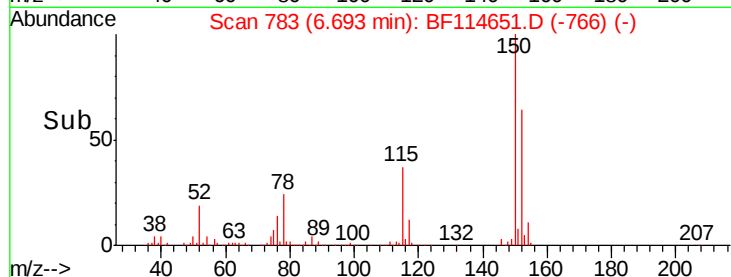
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.4	186.6
115	58.2	48.7	73.1



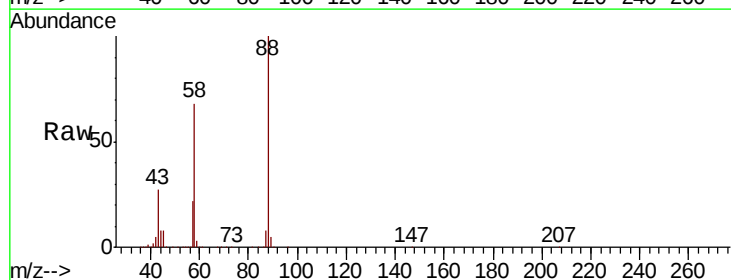
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



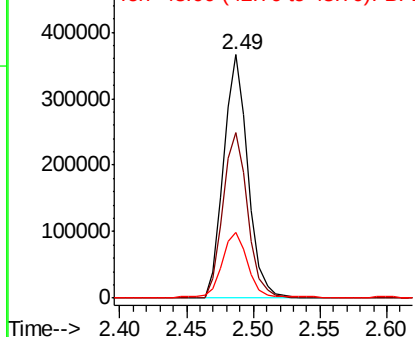
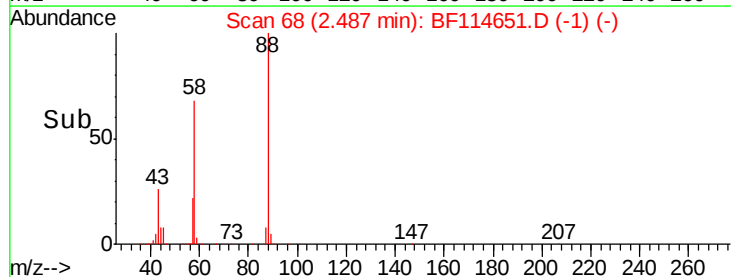
#2

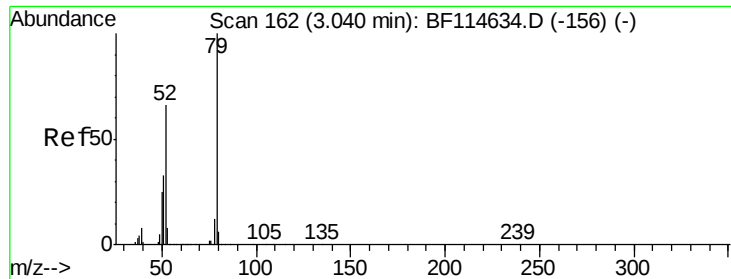
1,4-Dioxane
Concen: 87.841 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.12 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	57.2	85.8
43	27.9	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: 79.934 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.12 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

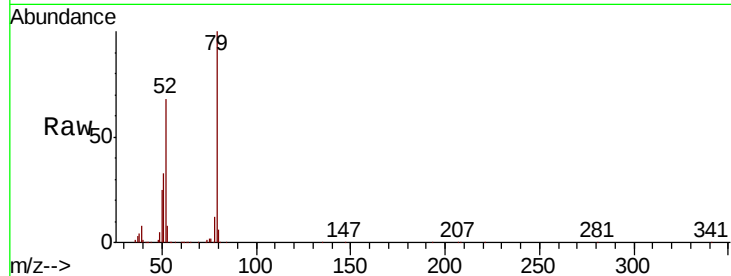
Tot Ion: 79 Resp: 1246812

Ion Ratio Lower Upper

79 100

52 67.7 52.8 79.2

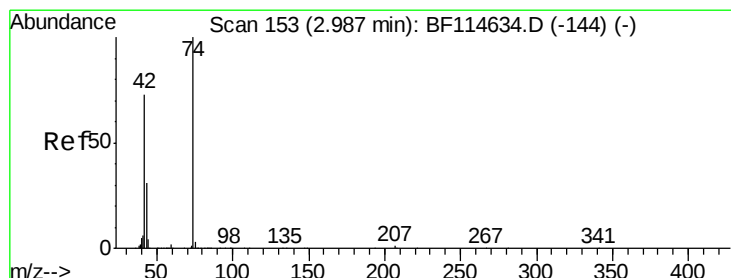
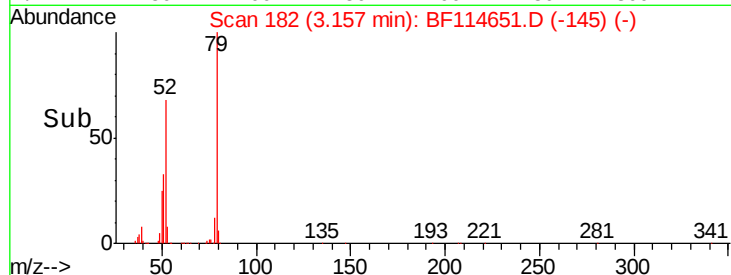
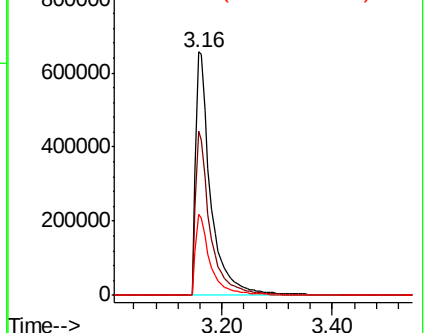
51 33.2 26.3 39.5



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: 83.598 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.12 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

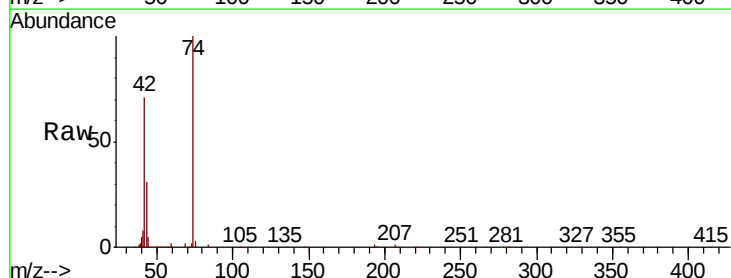
Tgt Ion: 42 Resp: 527678

Ion Ratio Lower Upper

42 100

74 140.4 110.0 165.0

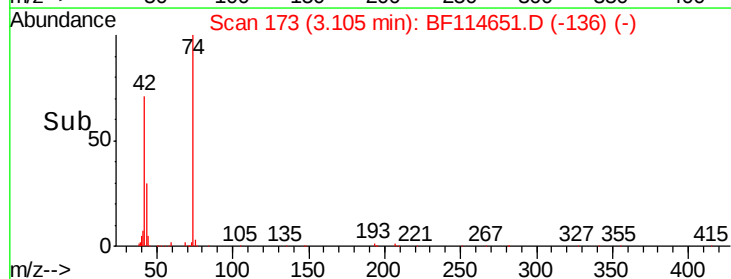
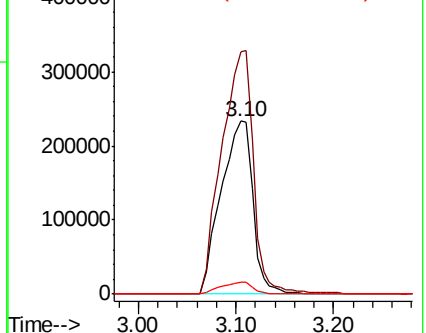
44 6.8 5.6 8.4



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: 114.143 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

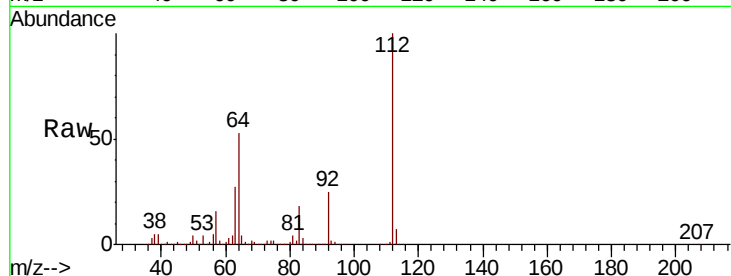
Tot Ion:112 Resp: 1274799

Ion Ratio Lower Upper

112 100

64 52.7 46.1 69.1

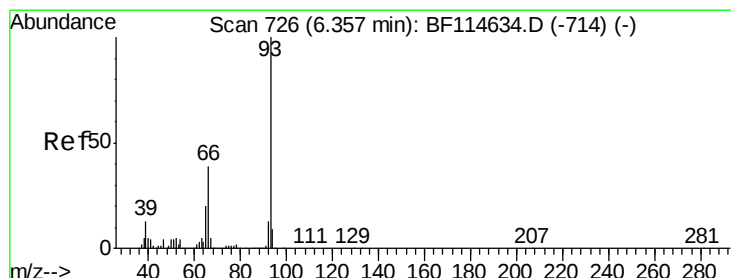
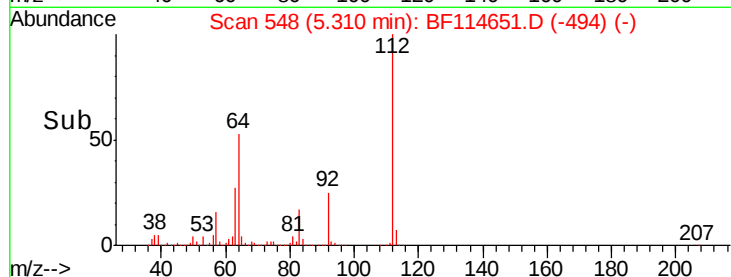
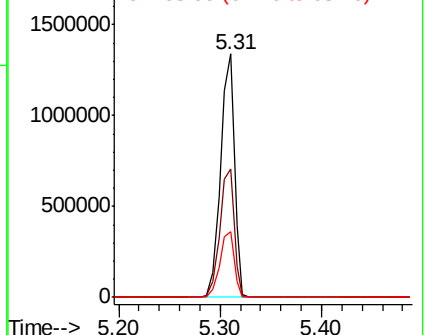
63 27.2 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 56.296 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

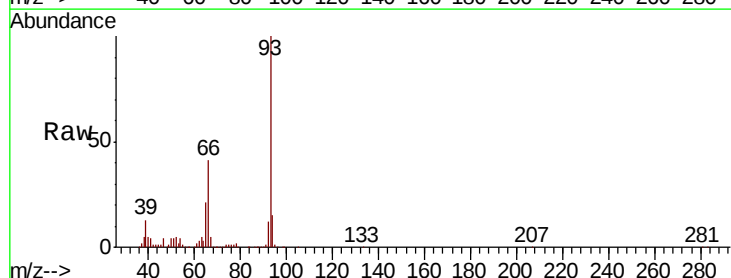
Tgt Ion: 93 Resp: 1144438

Ion Ratio Lower Upper

93 100

66 40.5 31.4 47.2

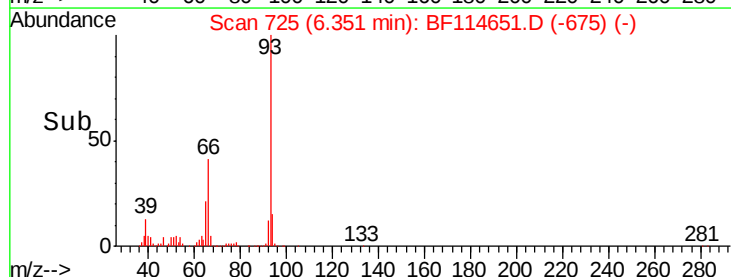
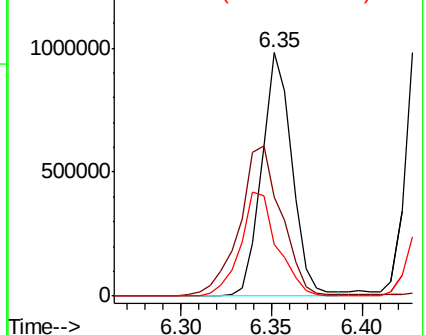
65 21.0 16.2 24.2

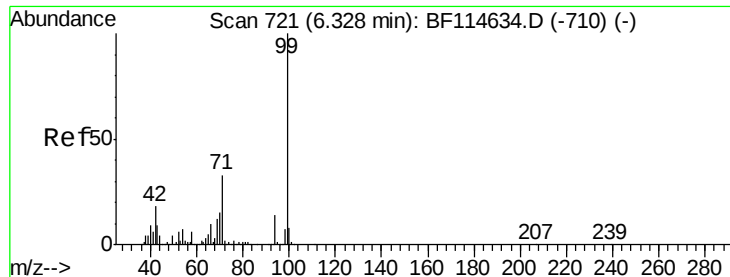


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.398 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

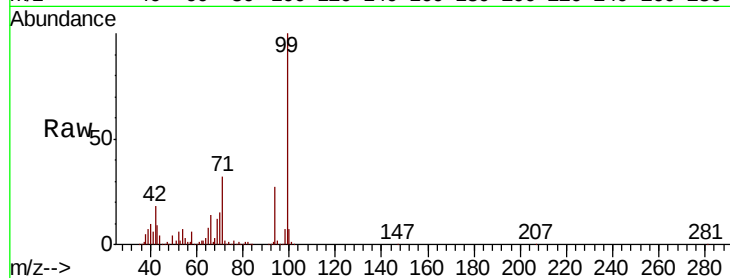
Tot Ion: 99 Resp: 1579993

Ion Ratio Lower Upper

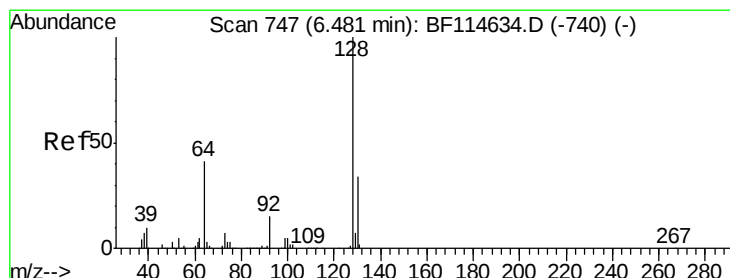
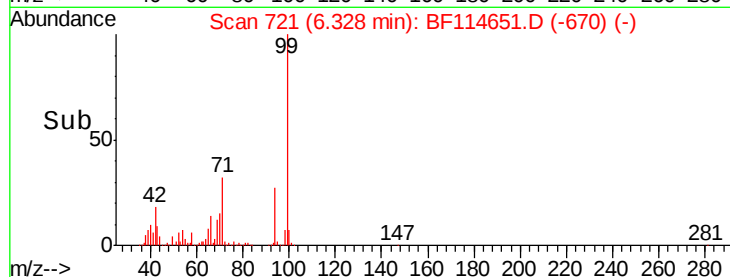
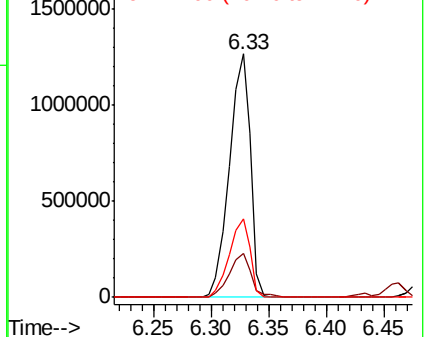
99 100

42 17.9 14.7 22.1

71 32.4 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: 93.006 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

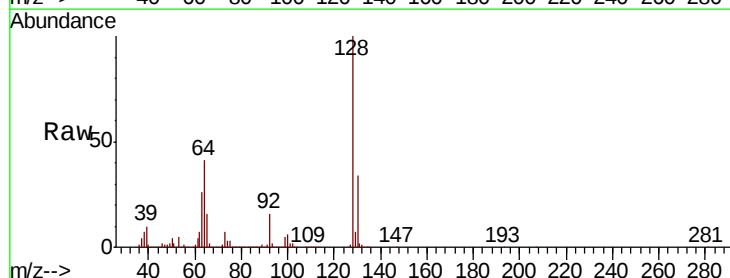
Tgt Ion: 128 Resp: 1199590

Ion Ratio Lower Upper

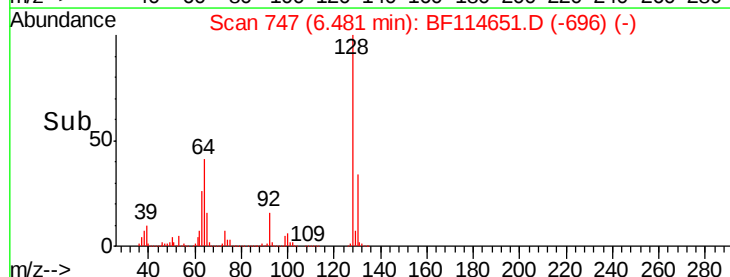
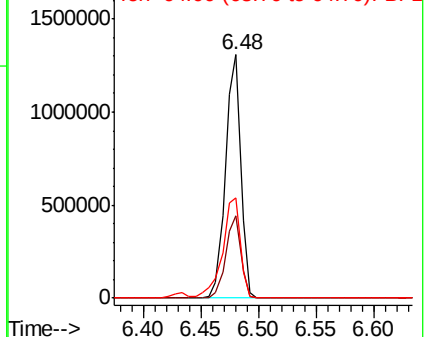
128 100

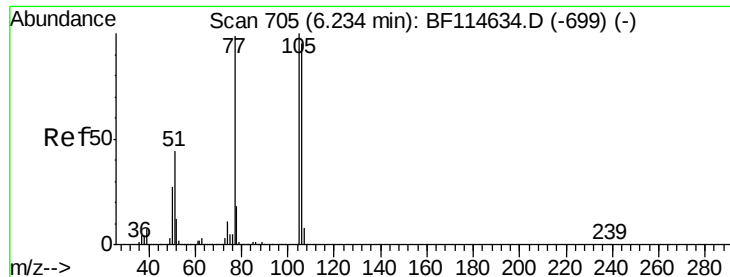
130 34.1 13.9 53.9

64 41.3 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: 28.734 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

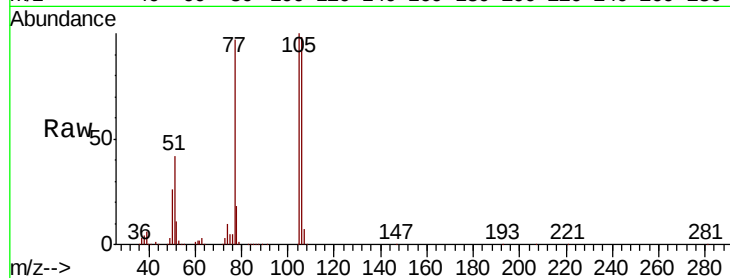
Tot Ion: 77 Resp: 220647

Ion Ratio Lower Upper

77 100

105 103.2 80.8 120.8

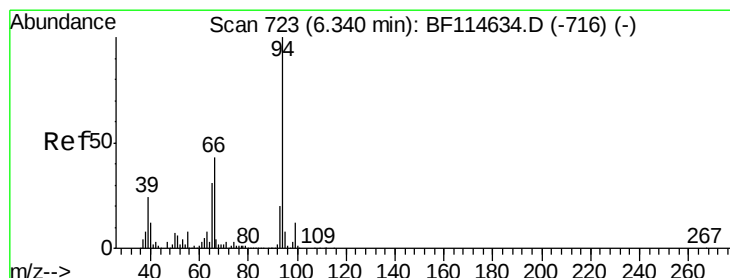
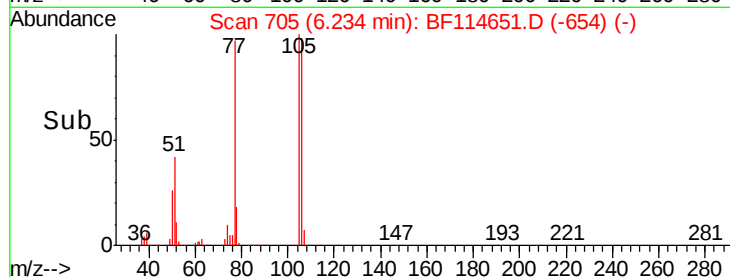
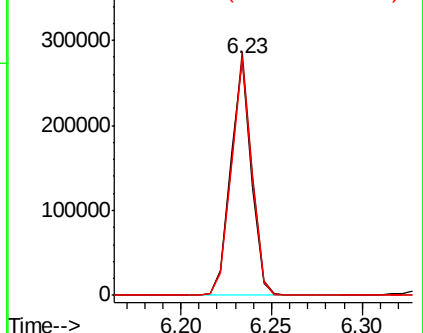
106 100.7 76.2 116.2



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: 89.763 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

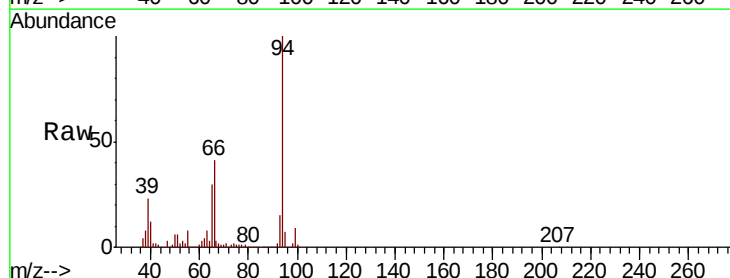
Tgt Ion: 94 Resp: 1459369

Ion Ratio Lower Upper

94 100

65 29.6 11.0 51.0

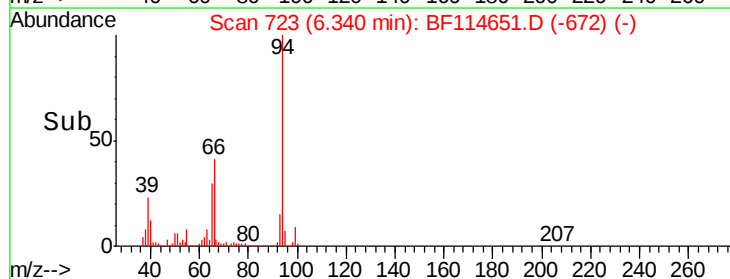
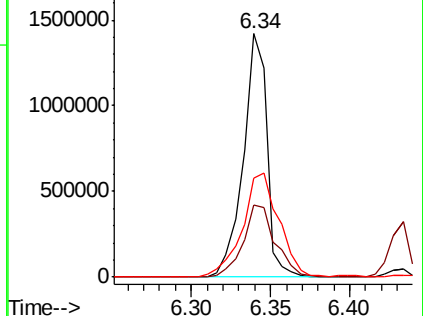
66 40.8 23.0 63.0

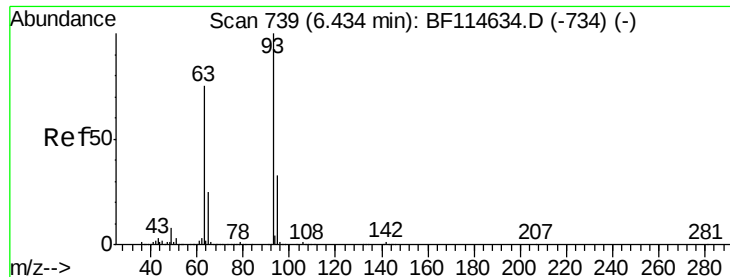


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 88.244 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

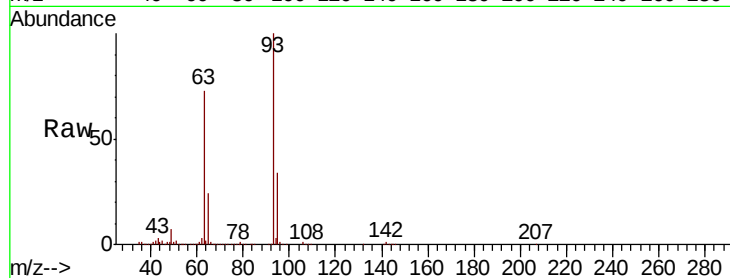
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1097387

Ion	Ratio	Lower	Upper
93	100		
63	72.6	55.0	95.0
95	33.6	13.5	53.5

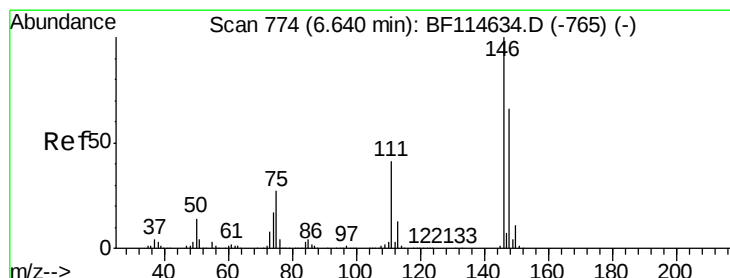
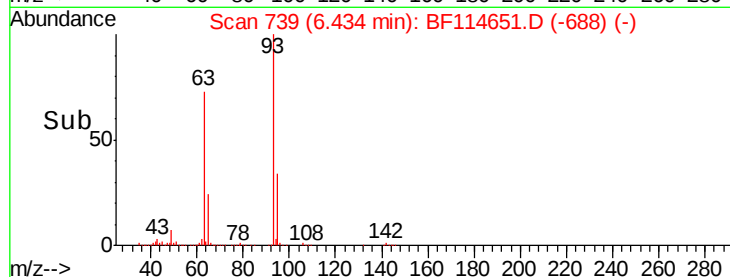
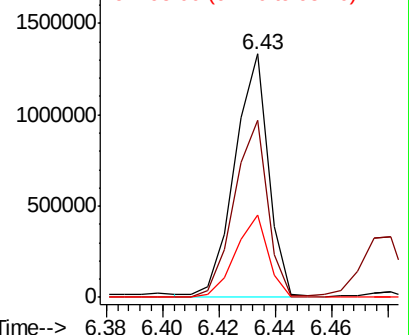


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 83.550 ng

RT: 6.63 min Scan# 773

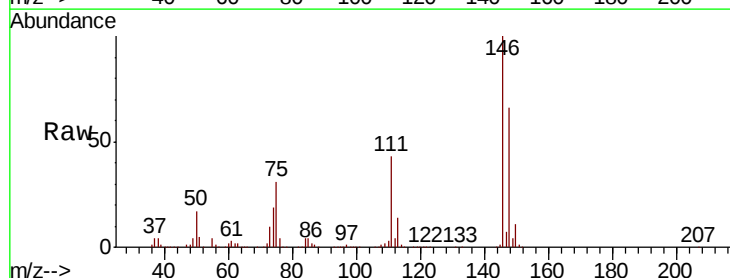
Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion: 146 Resp: 1227744

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.9	79.3
75	31.3	22.0	33.0

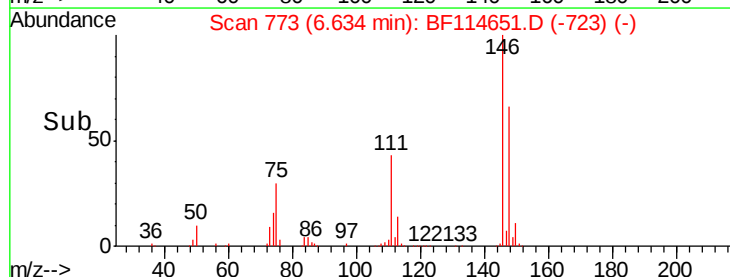
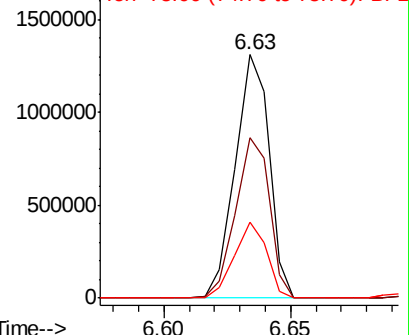


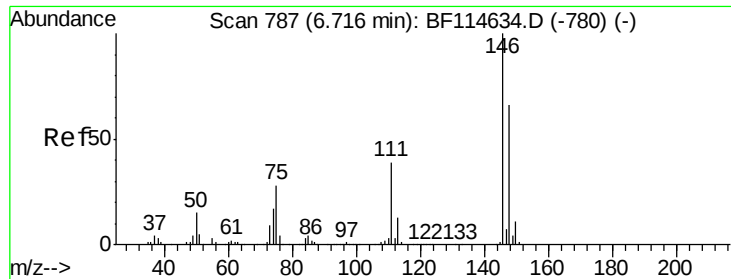
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

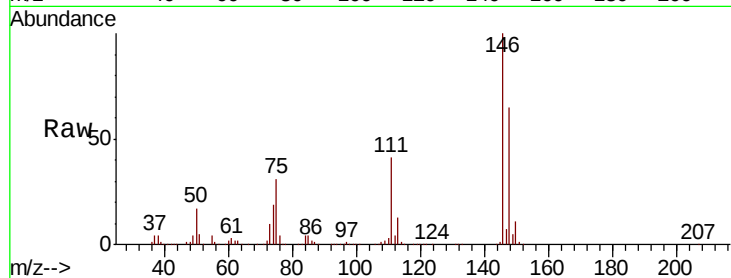




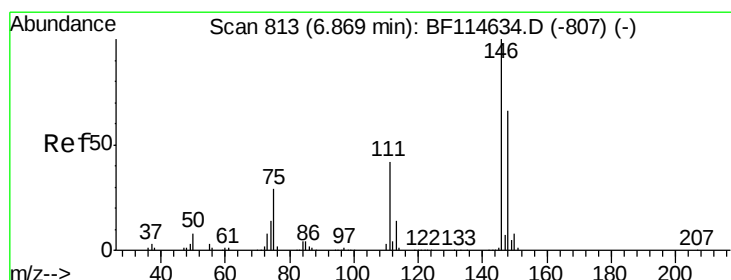
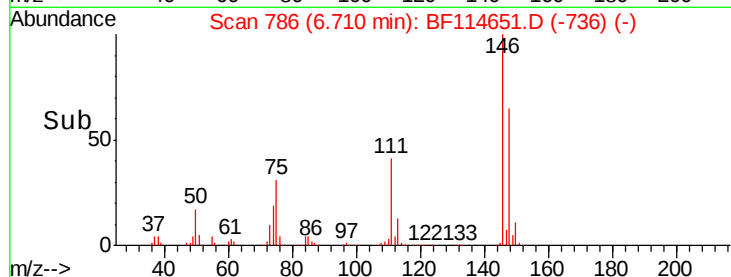
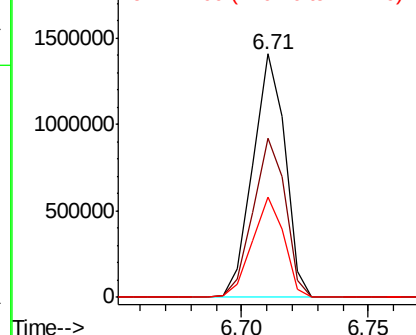
#13
 1,4-Dichlorobenzene
 Concen: 84.883 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1251324
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.5 78.7
 111 41.2 31.4 47.2

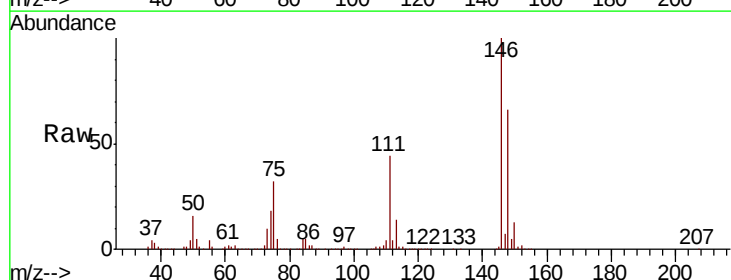


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

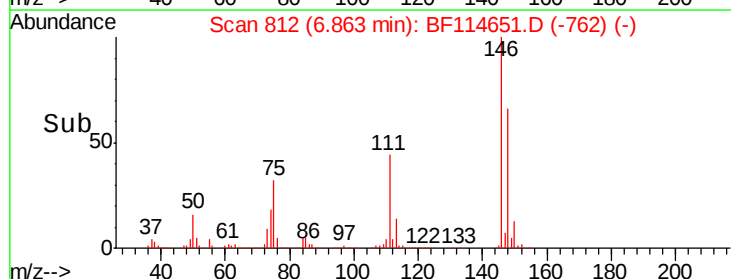
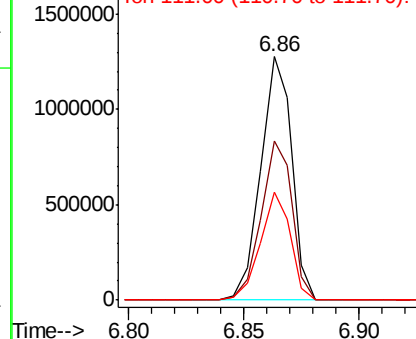


#14
 1,2-Dichlorobenzene
 Concen: 89.202 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:146 Resp: 1197195
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 79.0
 111 44.3 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 91.708 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

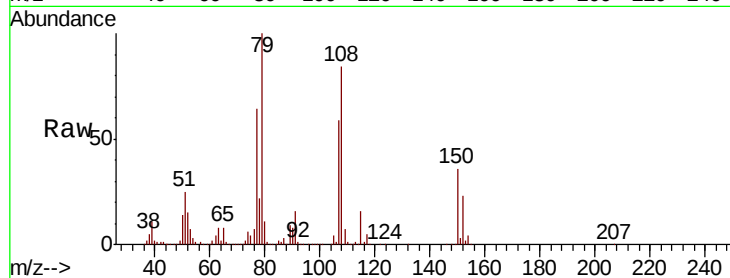
Tot Ion: 79 Resp: 970850

Ion Ratio Lower Upper

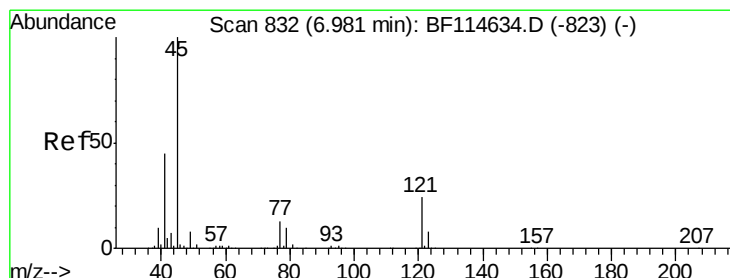
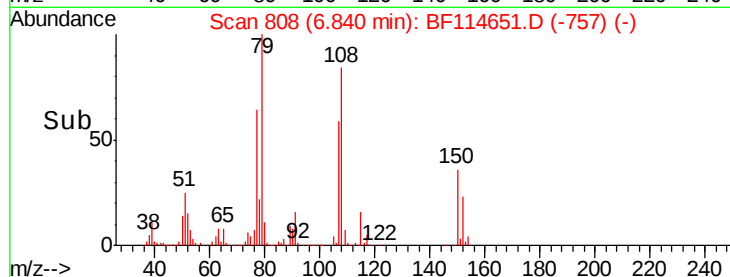
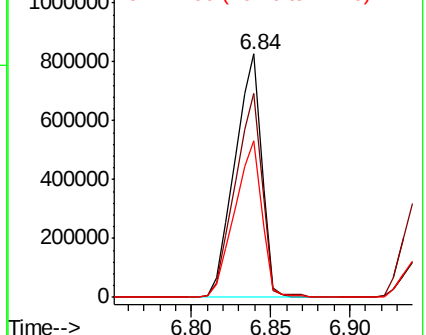
79 100

108 83.6 67.8 101.8

77 64.3 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: 83.358 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

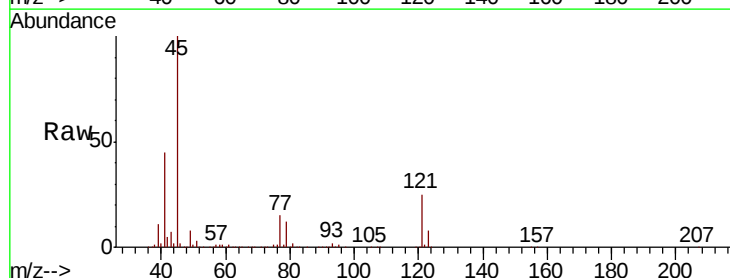
Tgt Ion: 45 Resp: 1589947

Ion Ratio Lower Upper

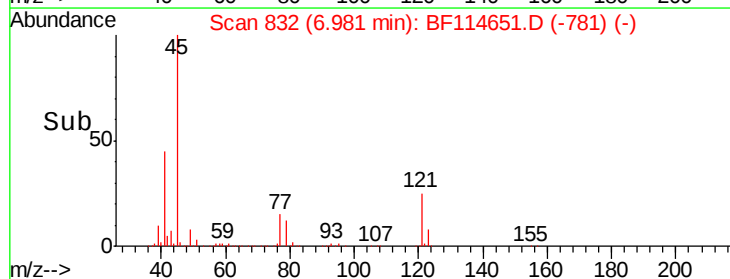
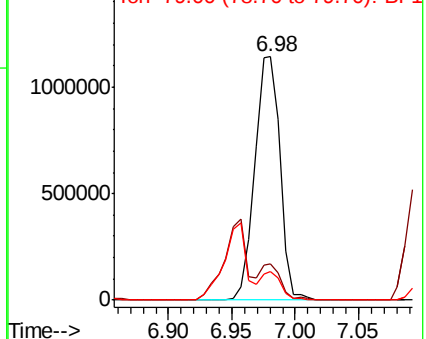
45 100

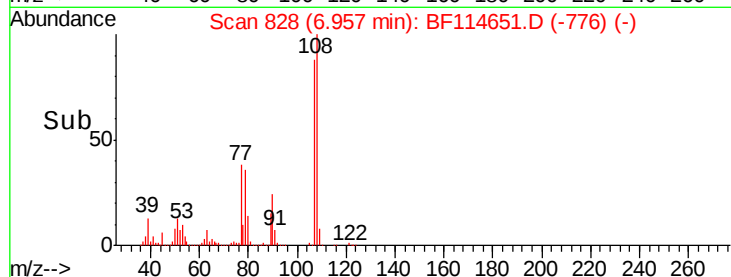
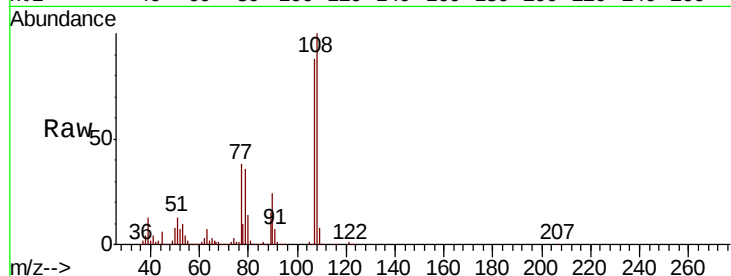
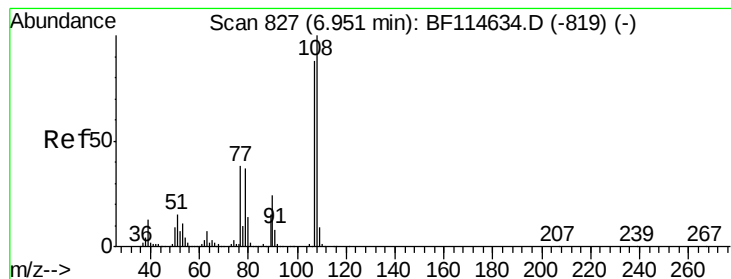
77 15.1 0.0 34.7

79 11.8 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: 90.557 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 987895

Ion Ratio Lower Upper

107 100

108 114.0 91.1 136.7

77 43.3 34.9 52.3

79 41.6 33.8 50.6

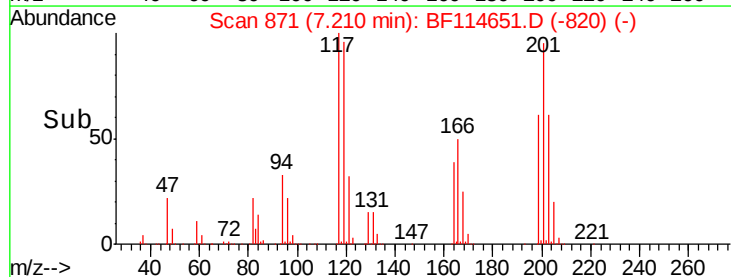
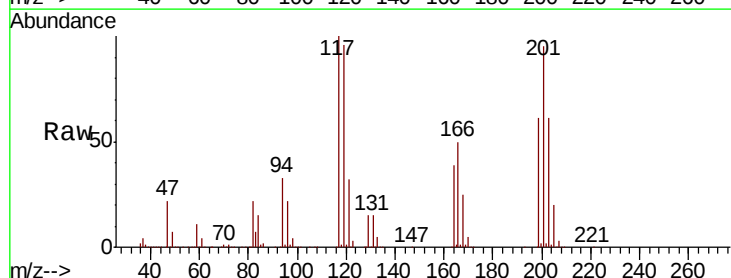
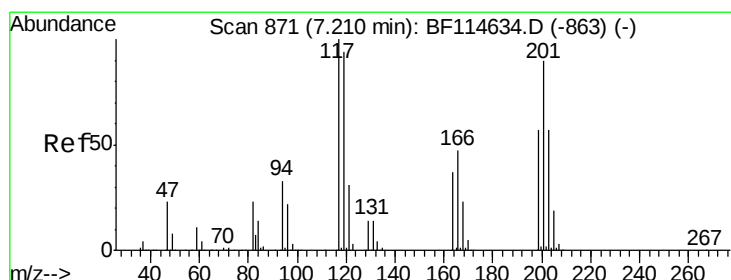
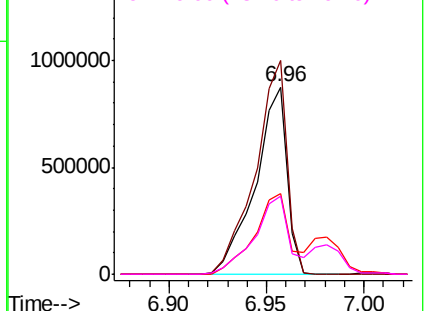
Abundance

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: 83.801 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:117 Resp: 467737

Ion Ratio Lower Upper

117 100

119 96.4 75.6 113.4

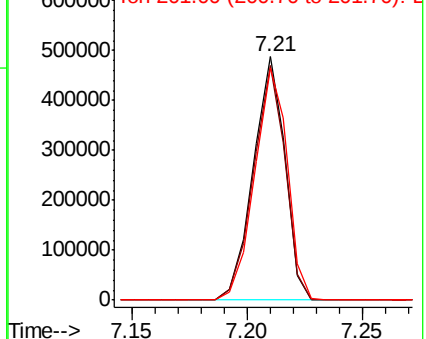
201 95.2 71.7 107.5

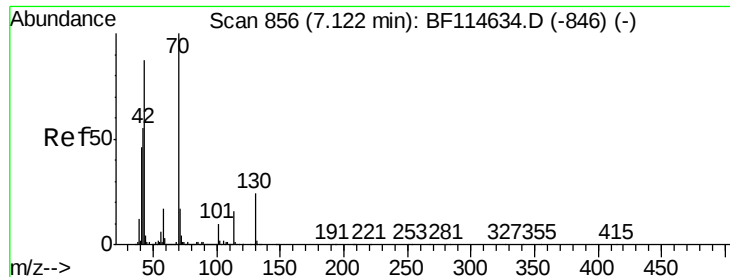
Abundance

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

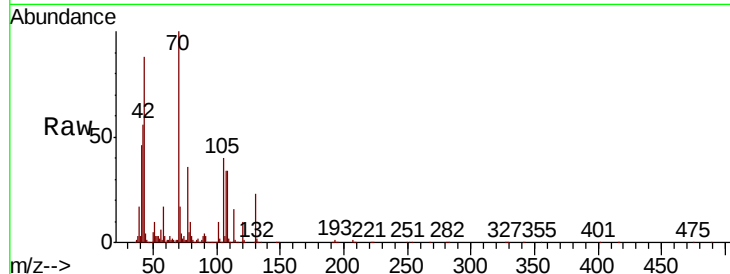




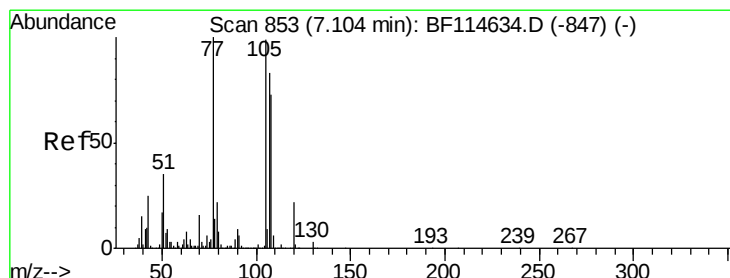
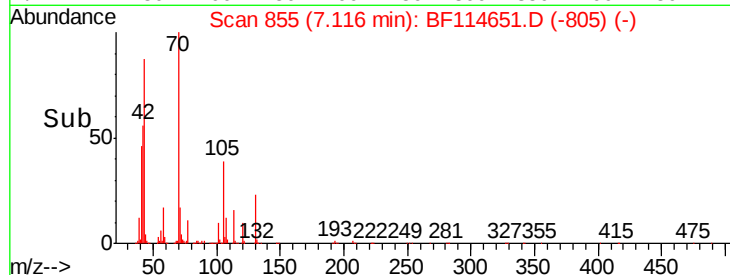
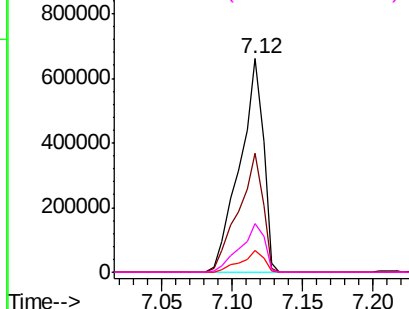
#19
n-Nitroso-di-n-propylamine
Concen: 83.275 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	773600
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.4	66.6
101	9.9	8.2	12.4
130	22.9	19.4	29.0

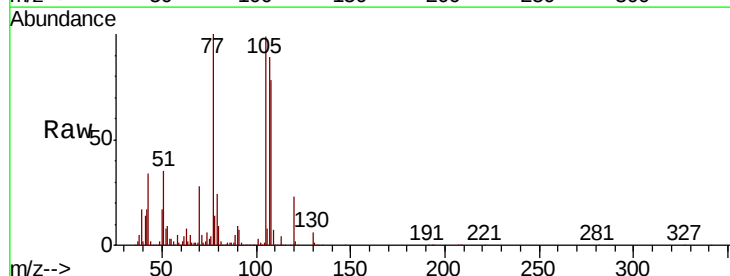


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

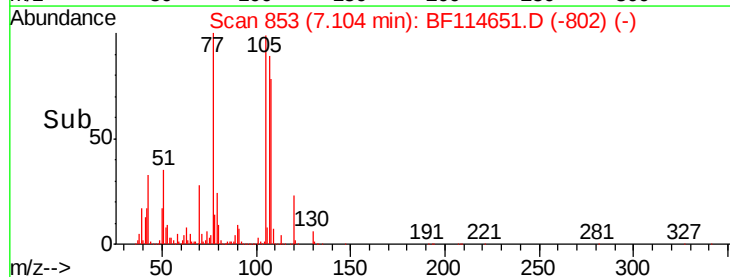
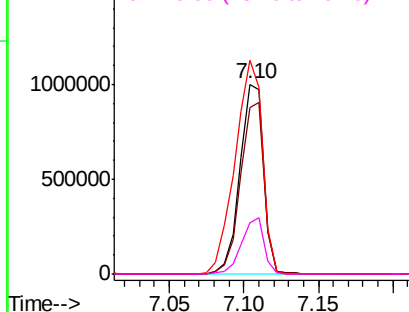


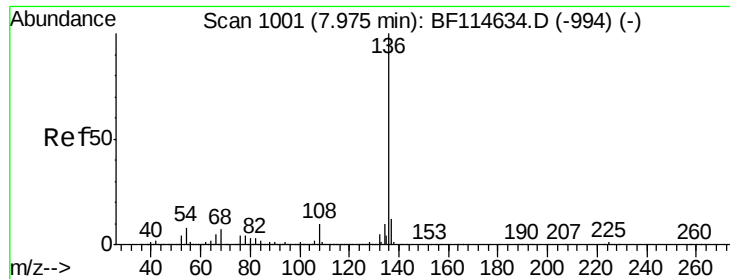
#20
3+4-Methylphenols
Concen: 85.876 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:	107	Resp:	1101823
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.6	108.6
77	112.6	100.5	140.5
79	26.8	7.0	47.0



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

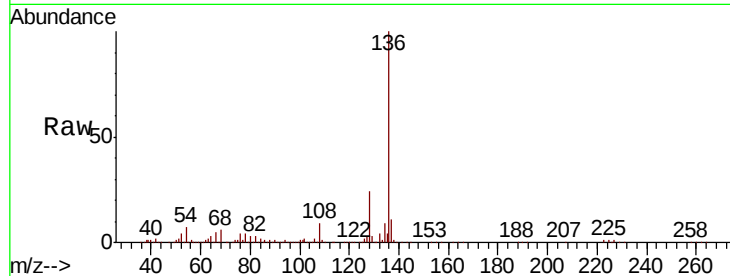




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	825523
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.3	13.9
54 7.5	6.3	9.5
68 5.9	5.4	8.0



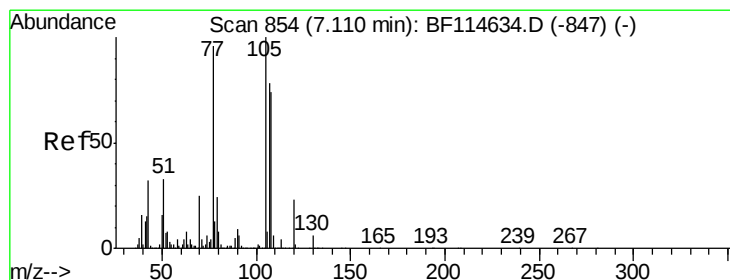
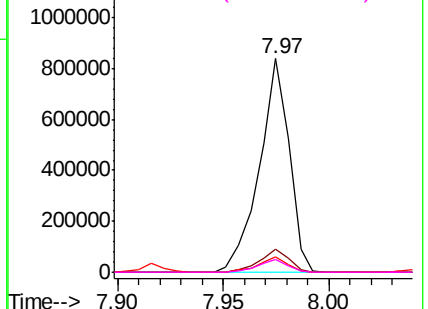
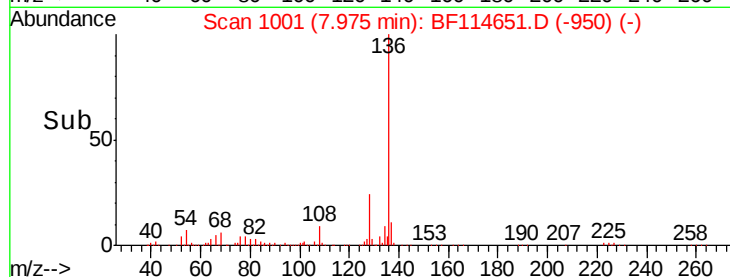
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

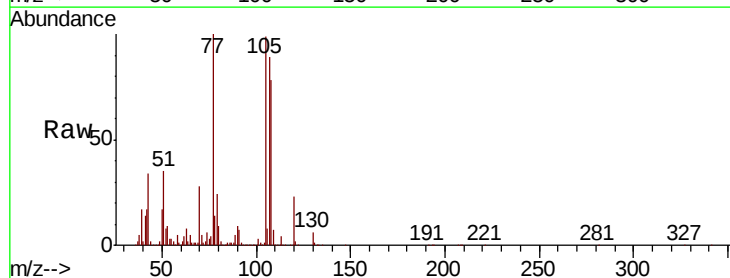
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 85.499 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt	Ion:105	Resp:	1503884
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.6	5.4
51	34.9	26.0	39.0
120	23.3	18.8	28.2



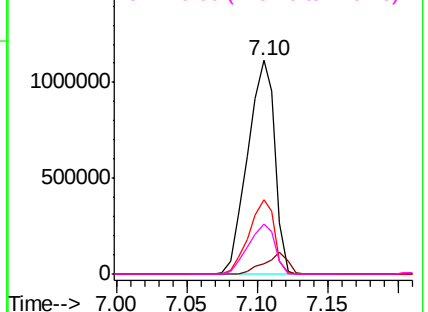
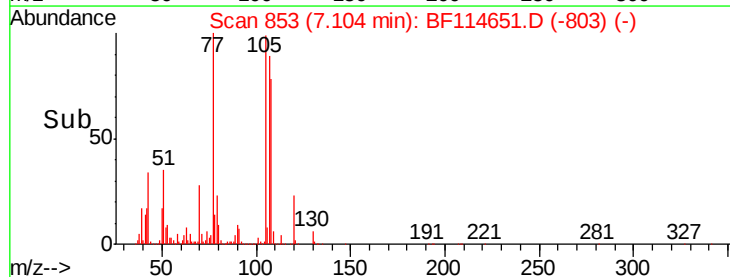
Abundance

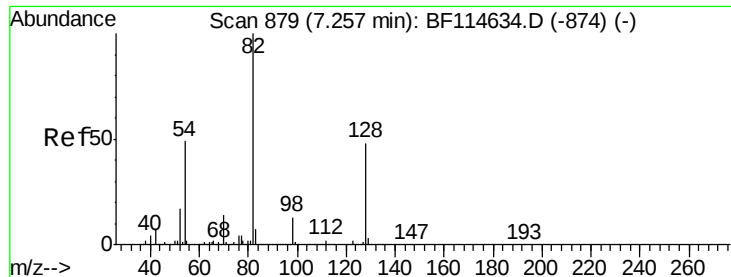
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 61.816 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampled :

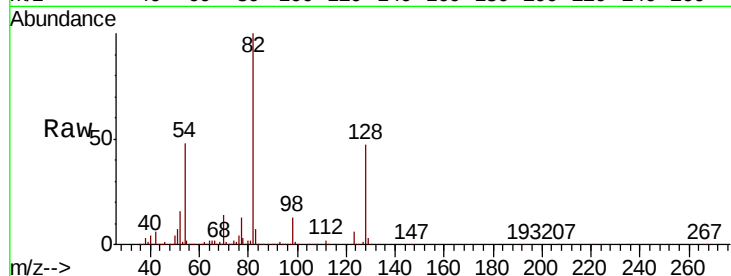
Tot Ion: 82 Resp: 817936

Ion Ratio Lower Upper

82 100

128 47.3 38.5 57.7

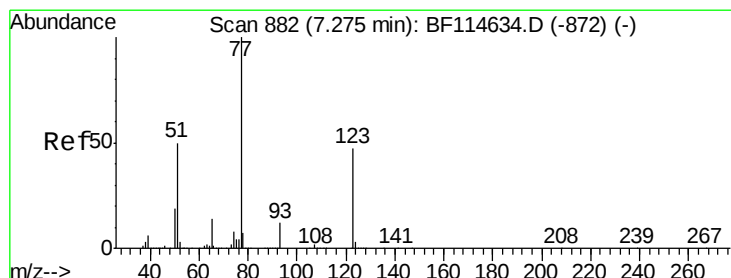
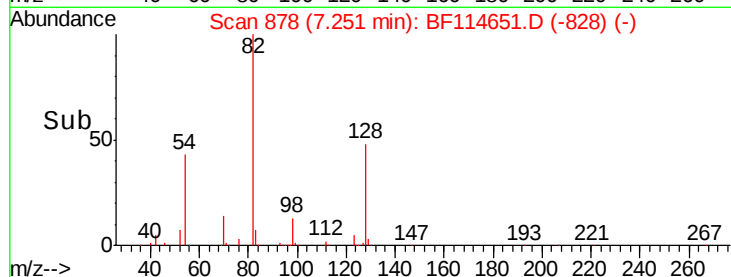
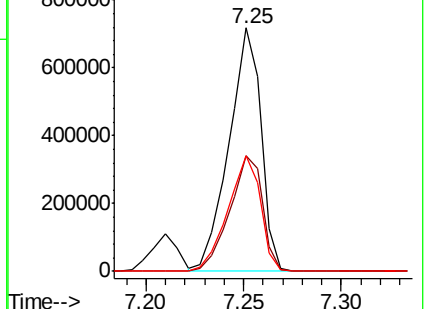
54 47.7 39.1 58.7



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: 86.458 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

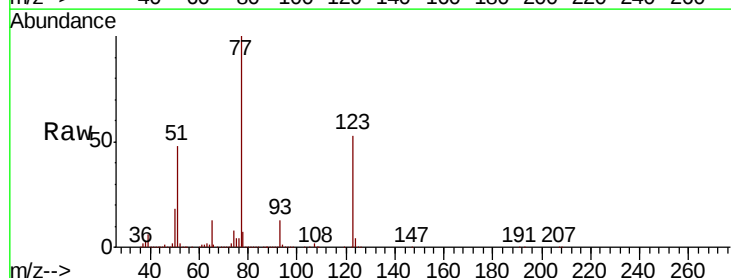
Tgt Ion: 77 Resp: 1215227

Ion Ratio Lower Upper

77 100

123 52.6 38.5 57.7

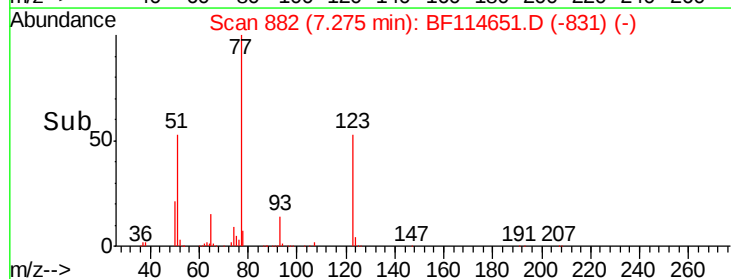
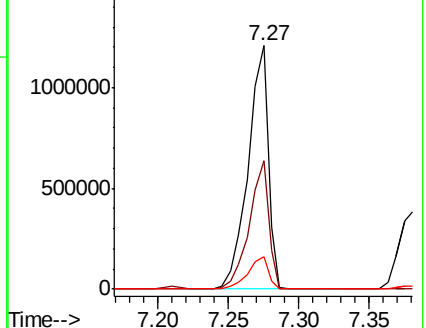
65 13.3 11.2 16.8

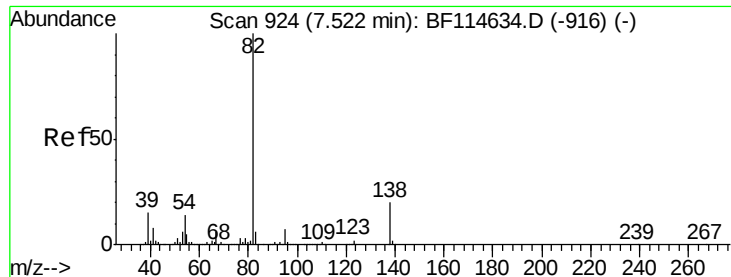


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 84.341 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

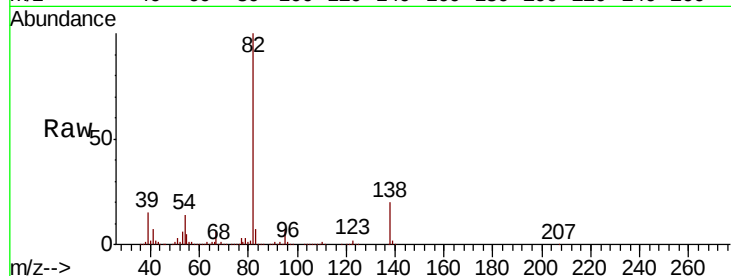
Tot Ion: 82 Resp: 2239646

Ion Ratio Lower Upper

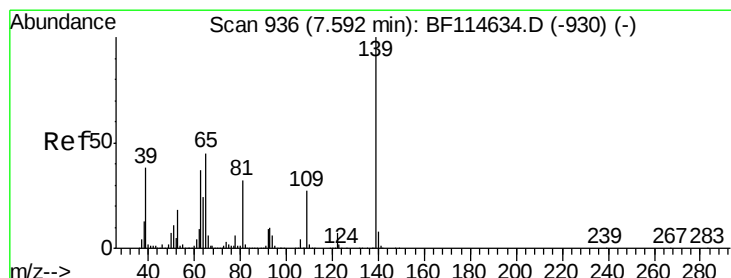
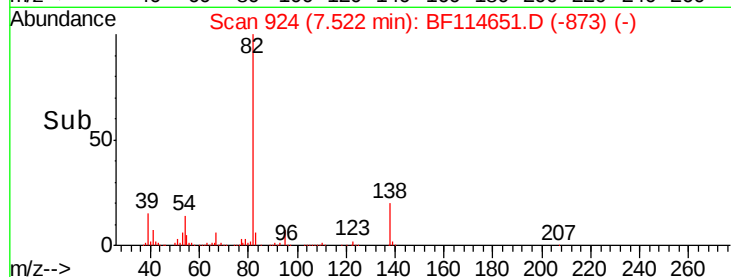
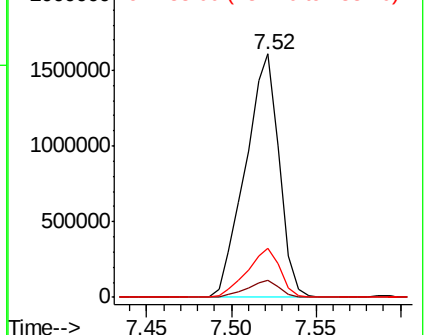
82 100

95 7.1 5.6 8.4

138 20.3 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: 92.019 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

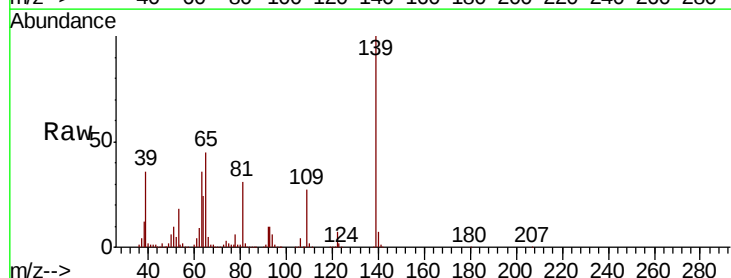
Tgt Ion: 139 Resp: 629581

Ion Ratio Lower Upper

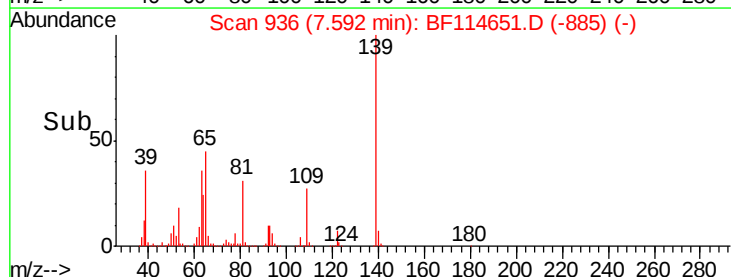
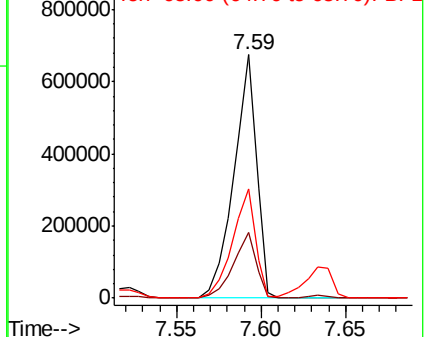
139 100

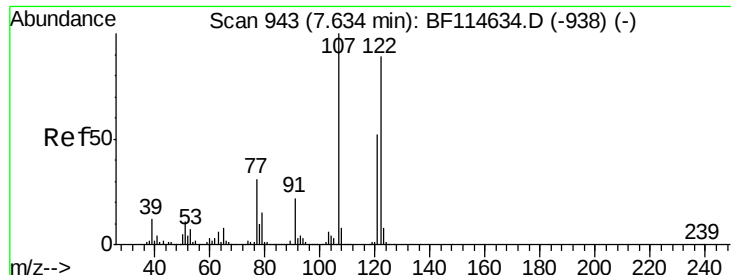
109 26.7 21.7 32.5

65 44.9 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: 97.108 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampled :

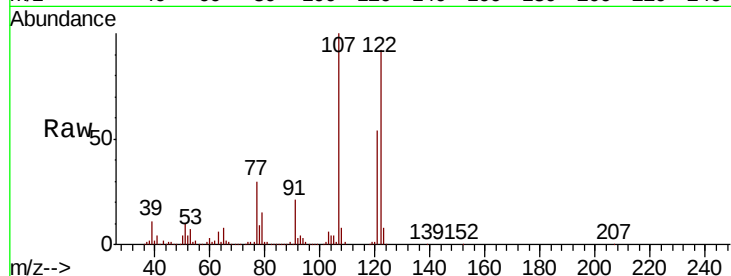
Tot Ion:122 Resp: 1104971

Ion Ratio Lower Upper

122 100

107 109.1 89.3 133.9

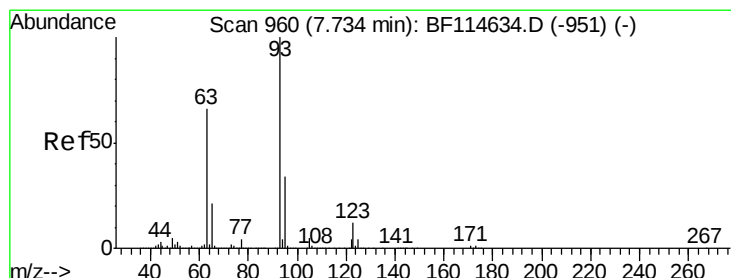
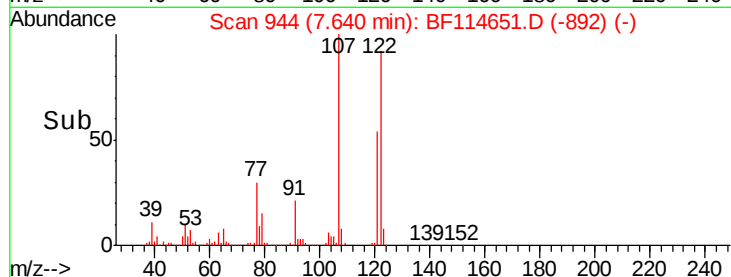
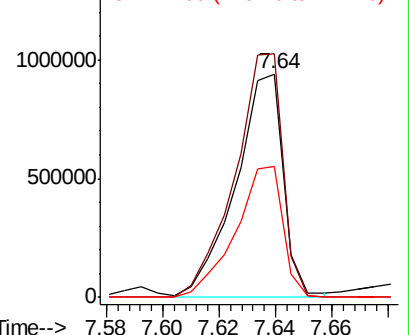
121 58.7 46.8 70.2



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: 83.376 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

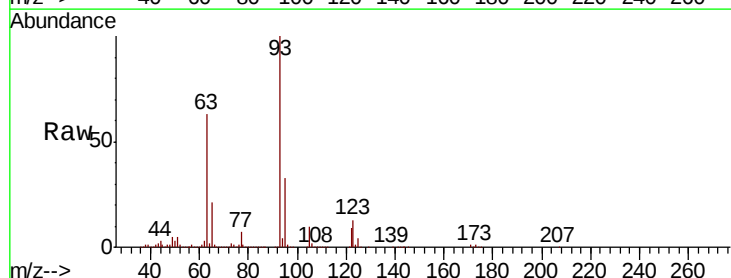
Tgt Ion: 93 Resp: 1409382

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

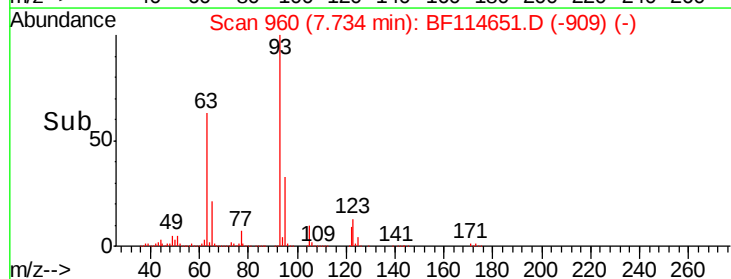
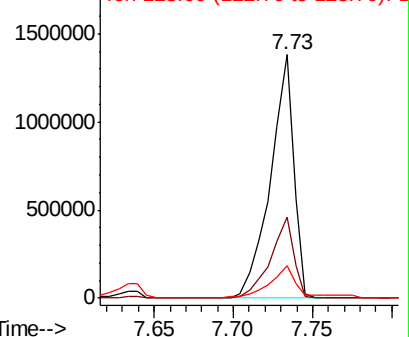
123 13.1 10.2 15.2

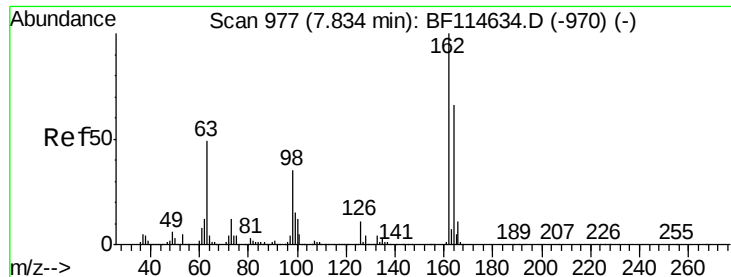


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

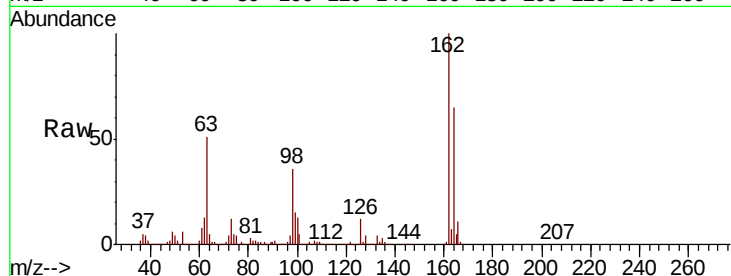




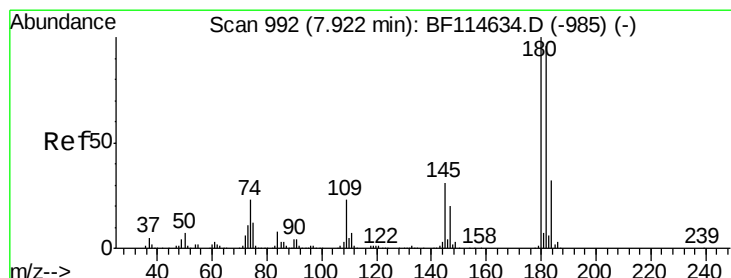
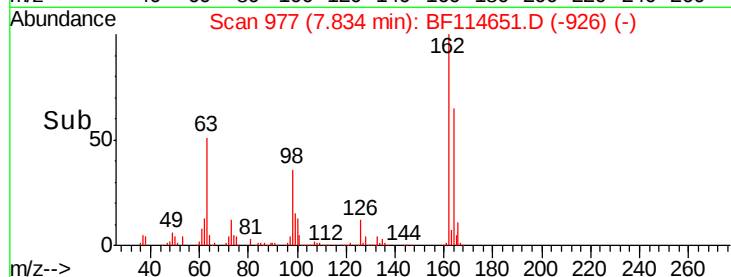
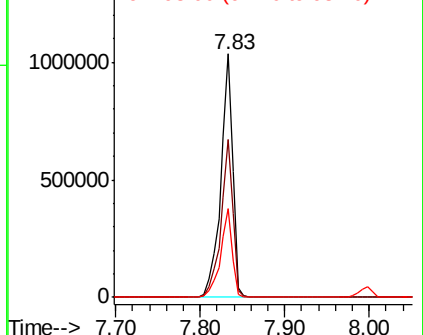
#29
2,4-Dichlorophenol
Concen: 89.817 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.8	85.8
98	36.3	14.9	54.9

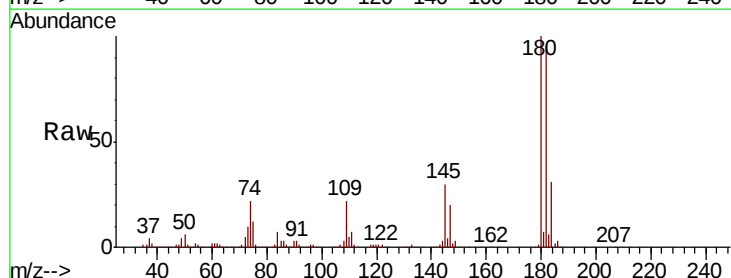


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

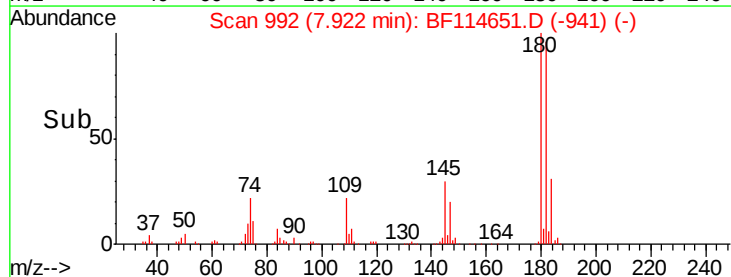
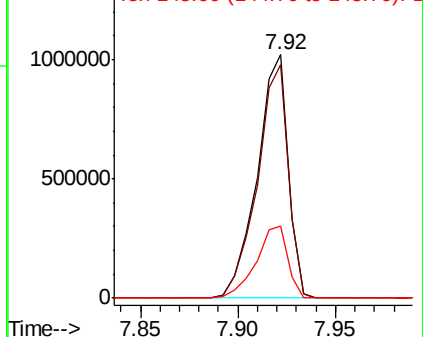


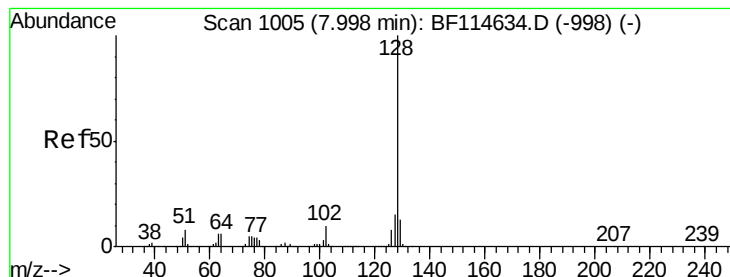
#30
1,2,4-Trichlorobenzene
Concen: 84.791 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
145	29.8	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: 85.129 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

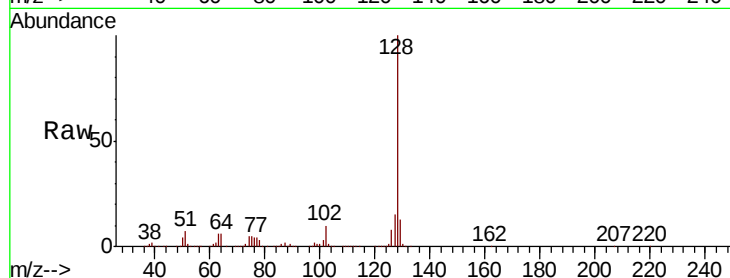
Tot Ion:128 Resp: 3237022

Ion Ratio Lower Upper

128 100

129 12.8 10.2 15.2

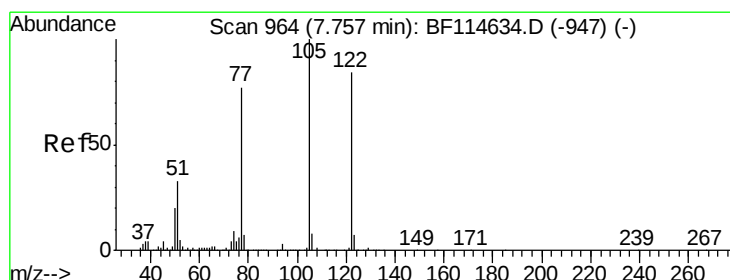
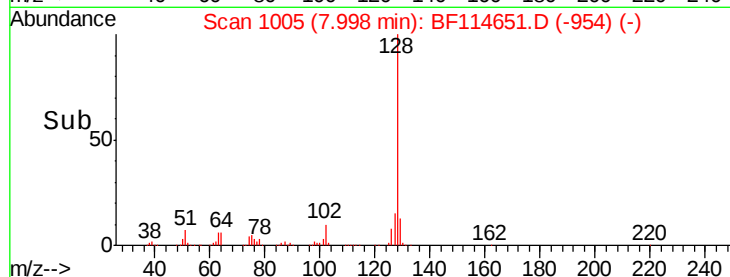
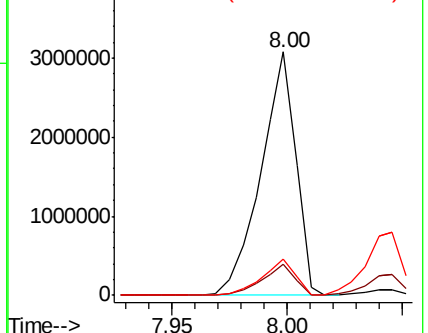
127 14.9 11.9 17.9



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: 107.958 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

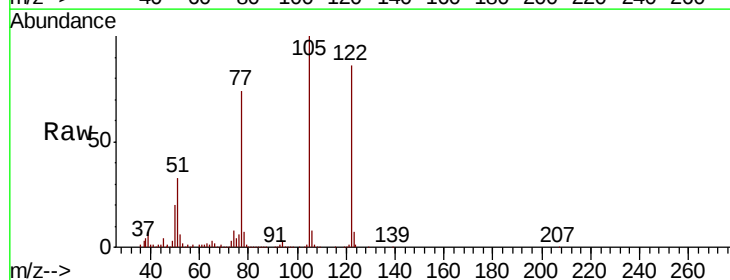
Tgt Ion:122 Resp: 797890

Ion Ratio Lower Upper

122 100

105 116.3 98.3 138.3

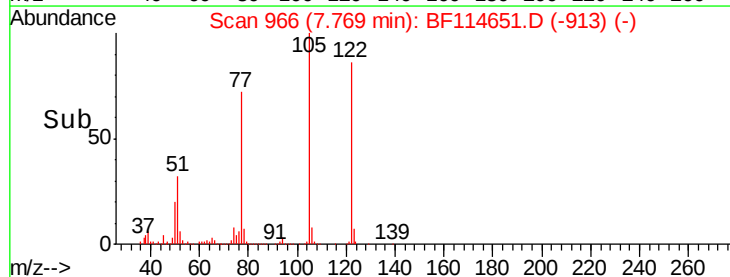
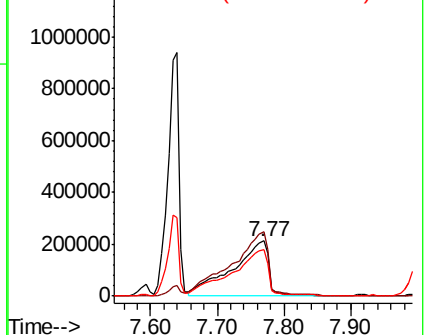
77 85.5 70.7 110.7



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

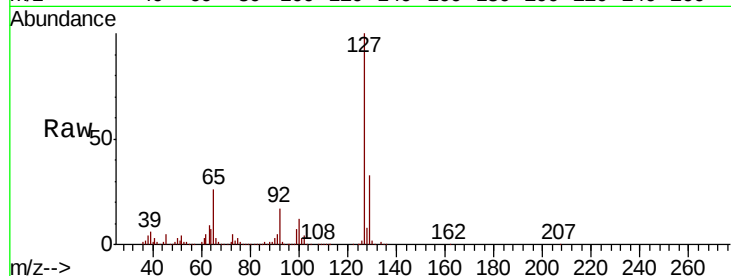




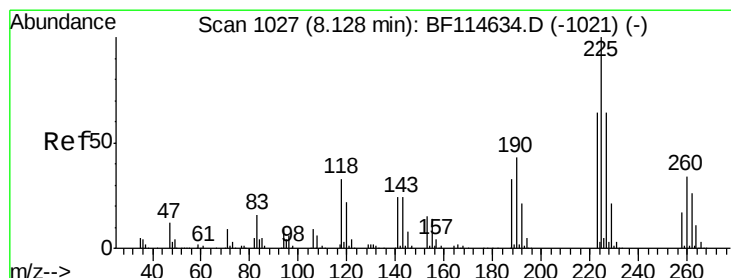
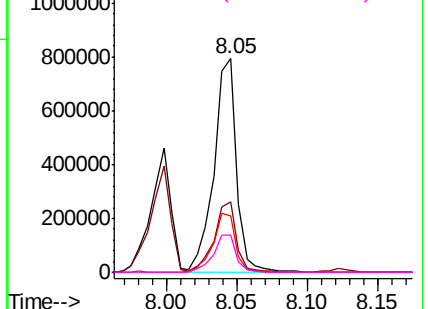
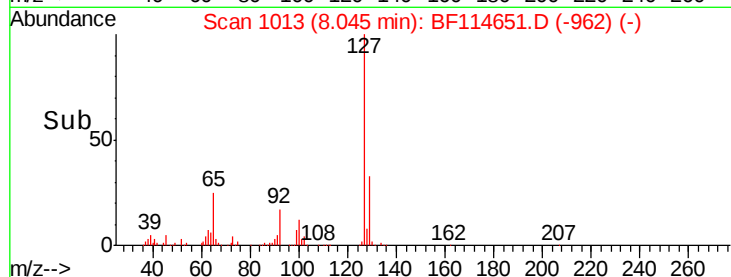
#33
 4-Chloroaniline
 Concen: 48.484 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	878346
Ion Ratio	Lower	Upper
127	100	
129	33.2	26.7 40.1
65	26.3	22.5 33.7
92	17.4	14.6 22.0

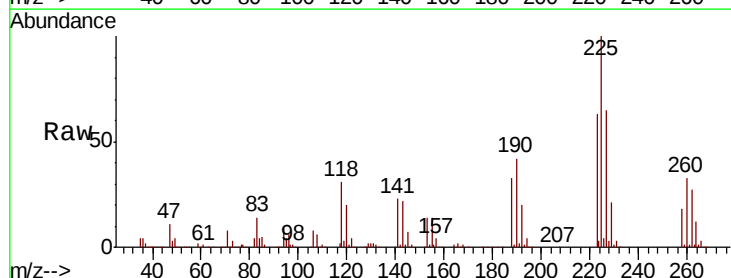


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

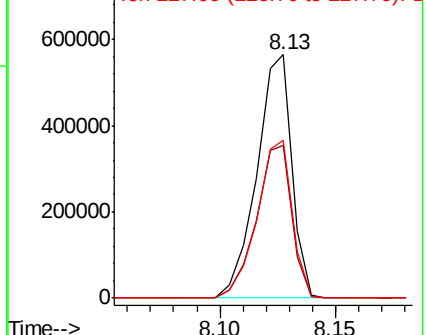
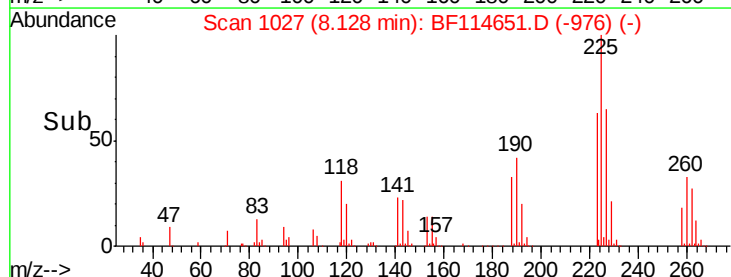


#34
 Hexachlorobutadiene
 Concen: 81.617 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:225	Resp:	598275
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.9 76.3
227	64.7	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

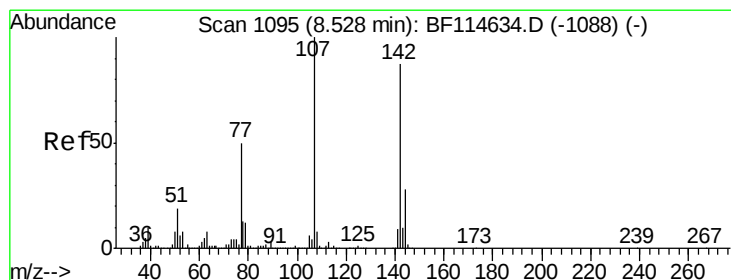
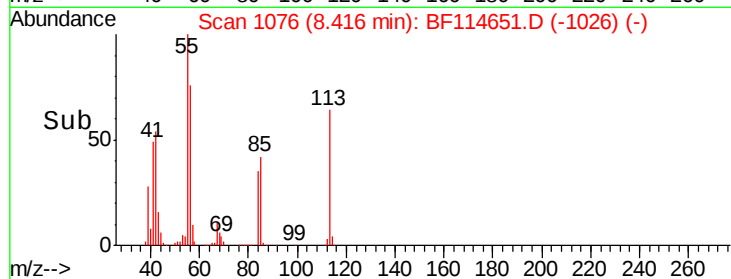
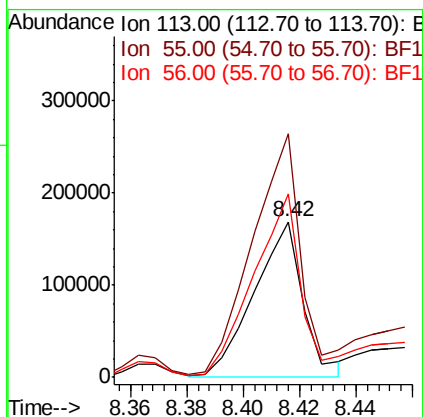
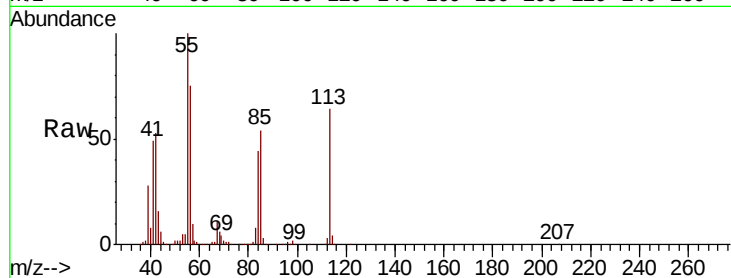




#35
 Caprolactam
 Concen: 51.791 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

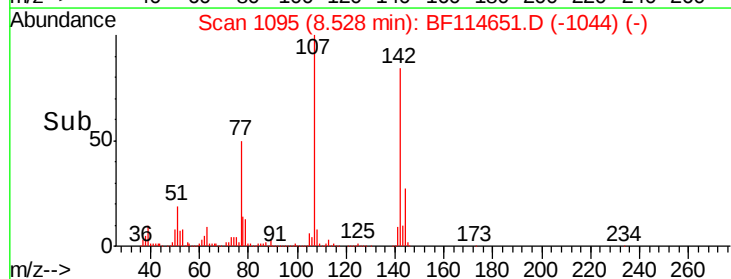
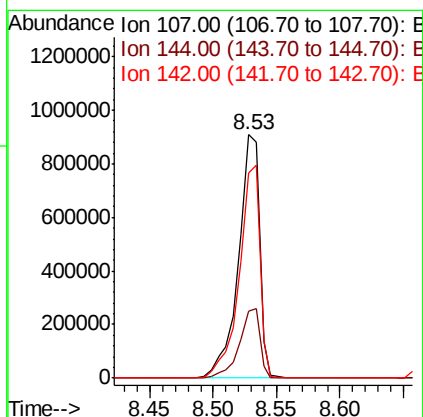
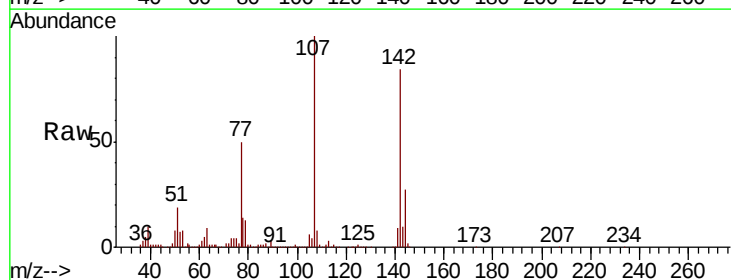
Instrument :
 BNA_F
 ClientSampleId :

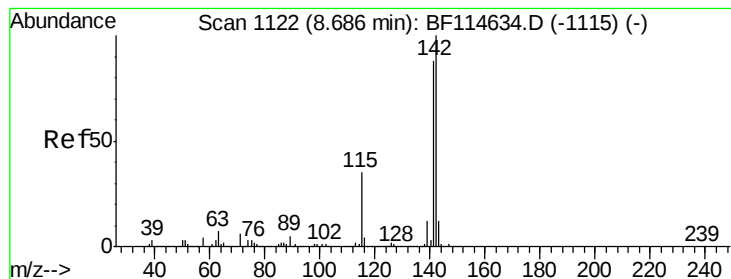
Tot Ion:113 Resp: 202428
 Ion Ratio Lower Upper
 113 100
 55 156.5 136.4 176.4
 56 117.9 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 89.553 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:107 Resp: 1040157
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.5 33.7
 142 84.3 69.8 104.6





#37

2-Methylnaphthalene

Concen: 89.966 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampled :

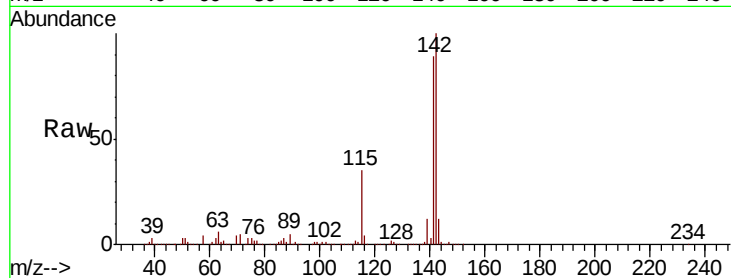
Tot Ion:142 Resp: 2272968

Ion Ratio Lower Upper

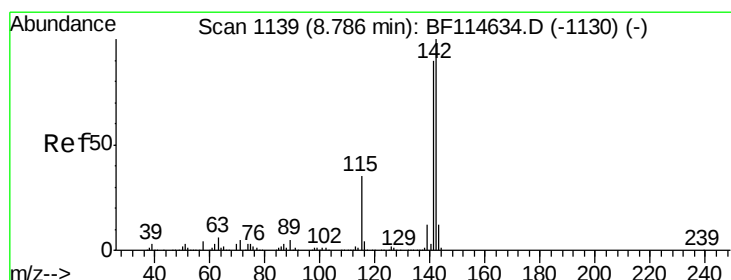
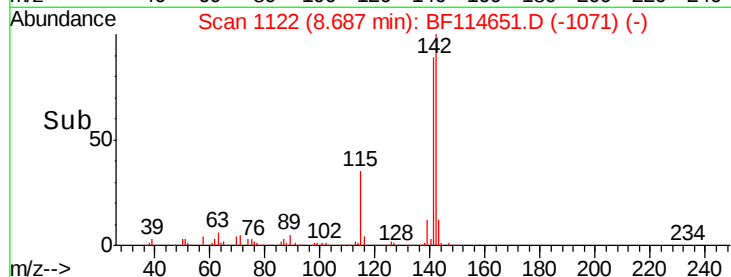
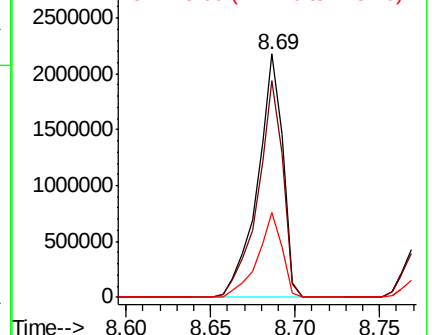
142 100

141 88.8 70.3 105.5

115 35.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 90.484 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

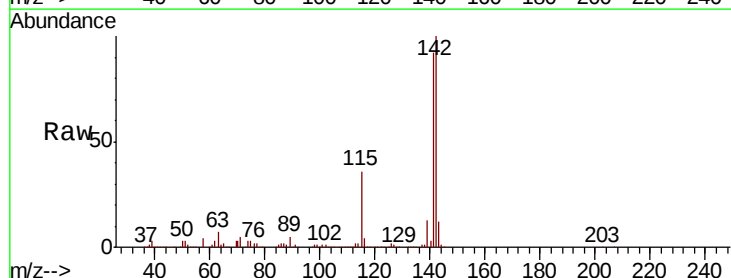
Tgt Ion:142 Resp: 2165934

Ion Ratio Lower Upper

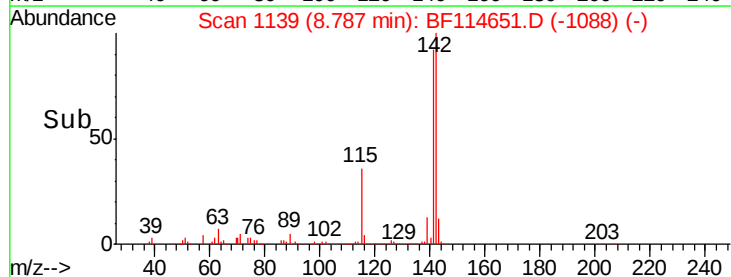
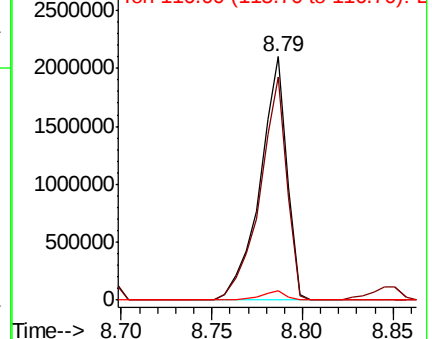
142 100

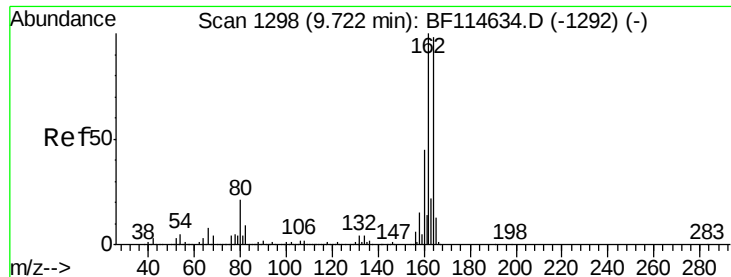
141 91.7 72.3 108.5

116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

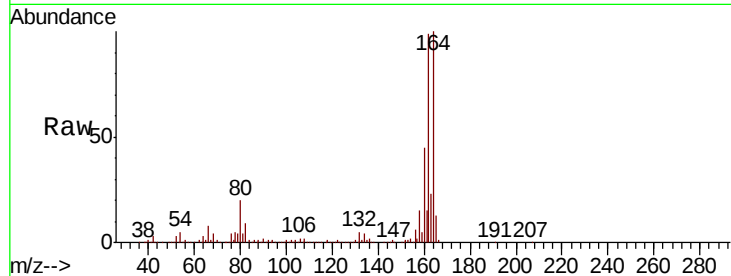




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.2
160	44.7	36.6	54.8

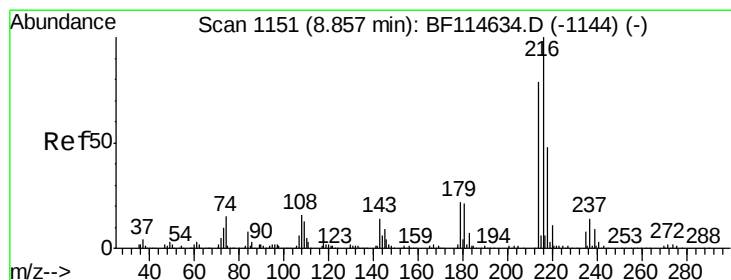
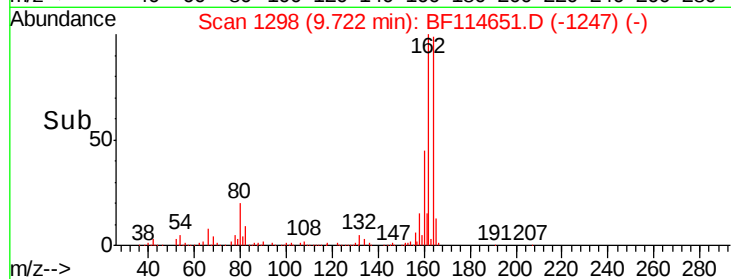
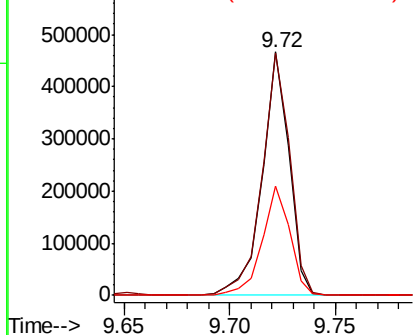


Abundance

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: 83.268 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	22.7	17.9	26.9
108	21.2	15.8	23.8

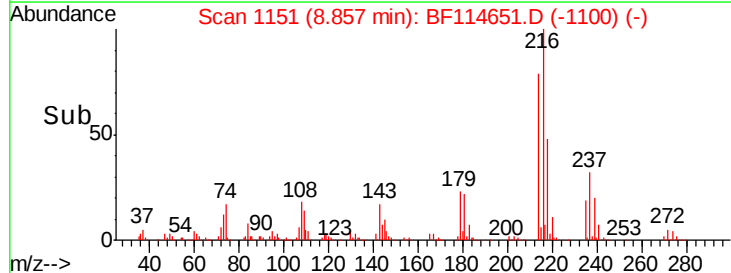
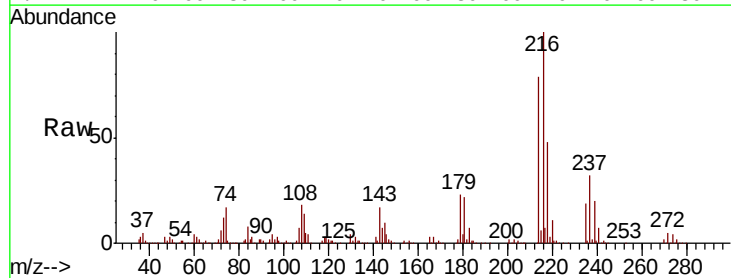
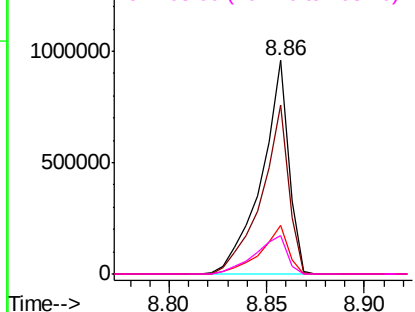
Abundance

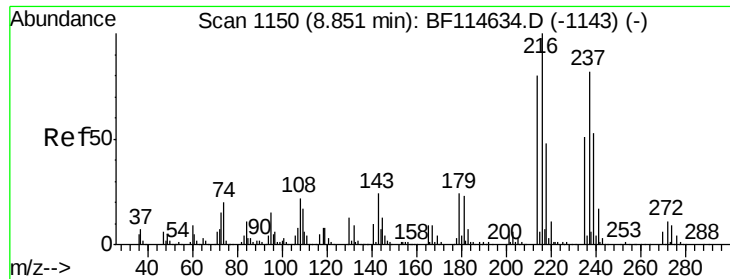
Ion 216.00 (215.70 to 216.70): E

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: 142.862 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

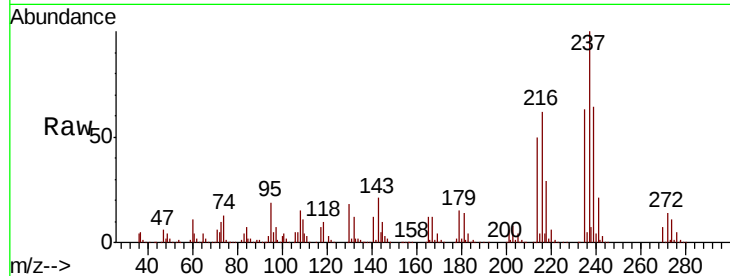
Instrument :

BNA_F

ClientSampleId :

Tot Ion:237 Resp: 1047269

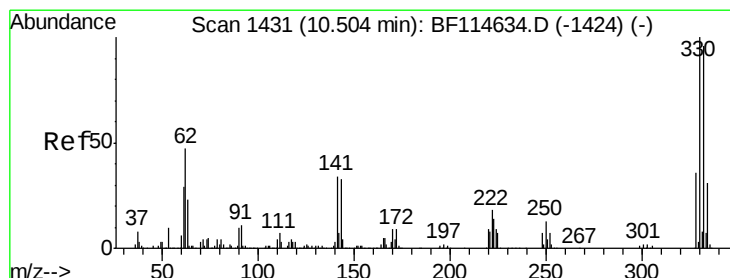
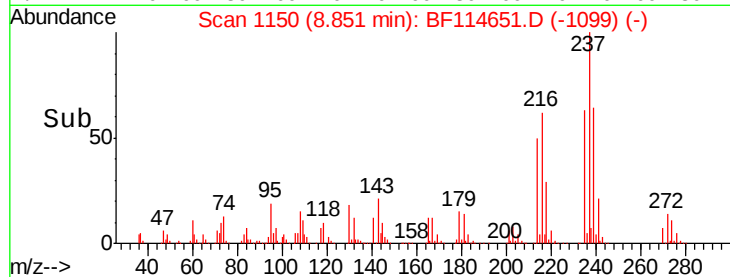
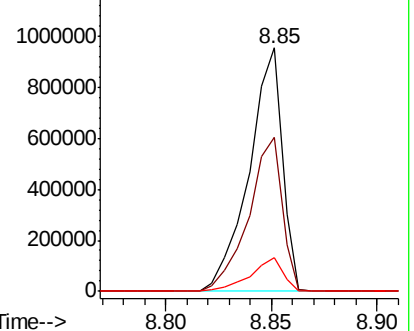
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.8	82.8
272	13.7	0.0	33.7



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: 109.592 ng

RT: 10.50 min Scan# 1431

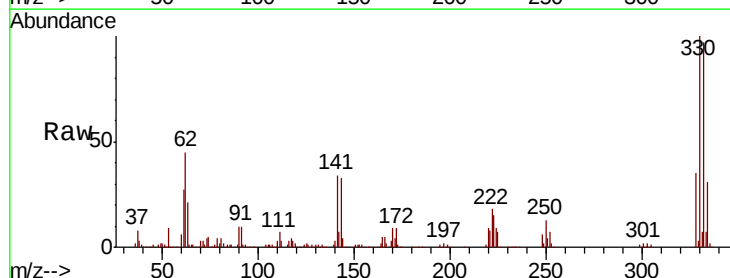
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:330 Resp: 434983

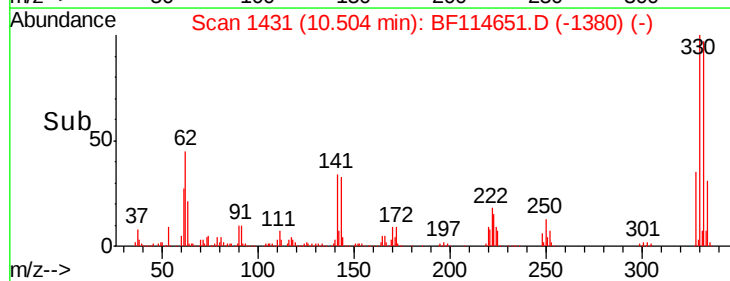
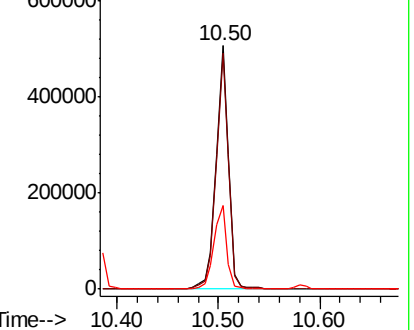
Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.8	113.8
141	35.7	27.8	41.8

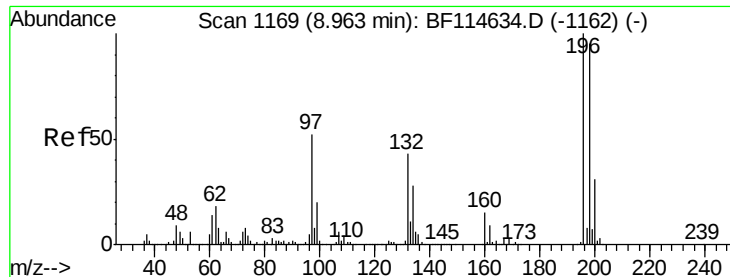


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

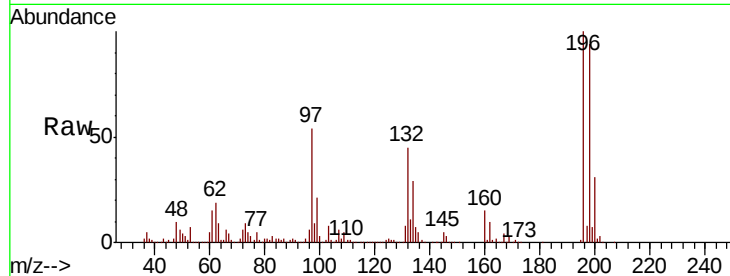




#43
 2,4,6-Trichlorophenol
 Concen: 88.415 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.1	114.1
200	31.0	24.7	37.1

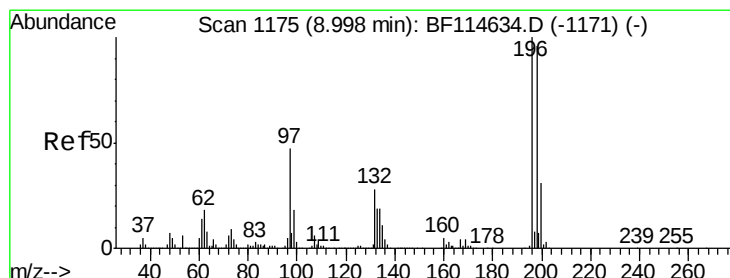
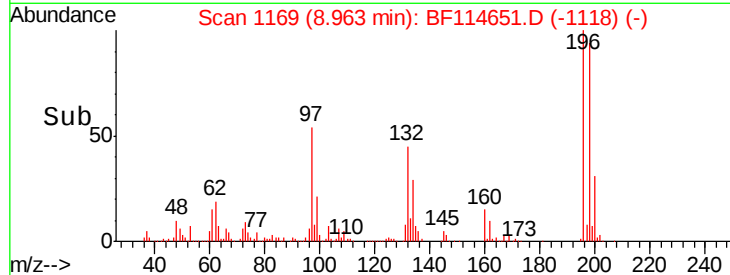
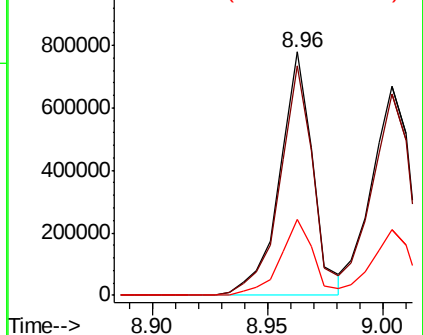


Abundance

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: 87.872 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.8	115.2
97	48.4	37.8	56.8
132	29.2	22.6	33.8

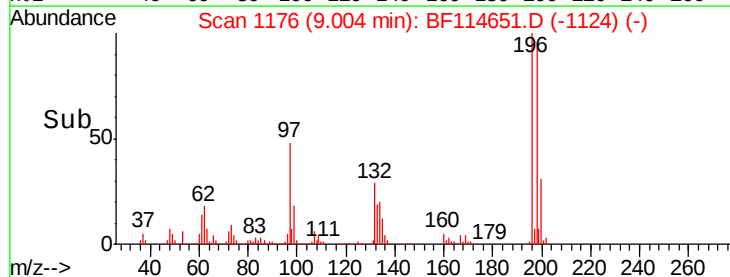
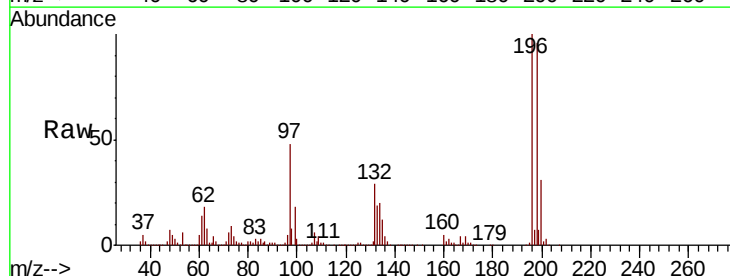
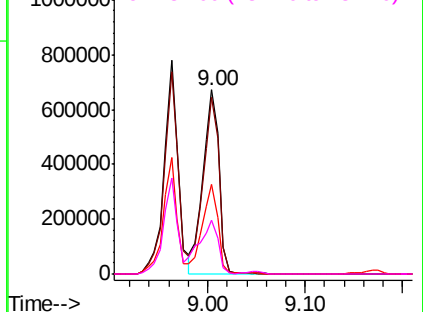
Abundance

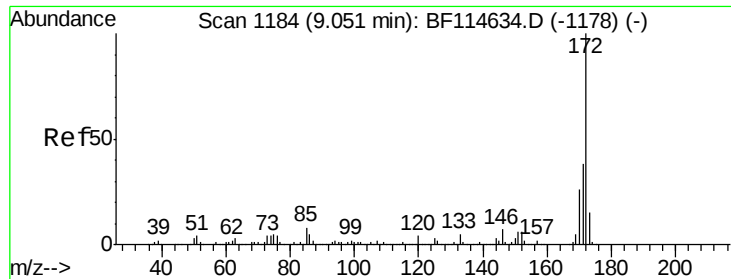
Ion 196.00 (195.70 to 196.70): E

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

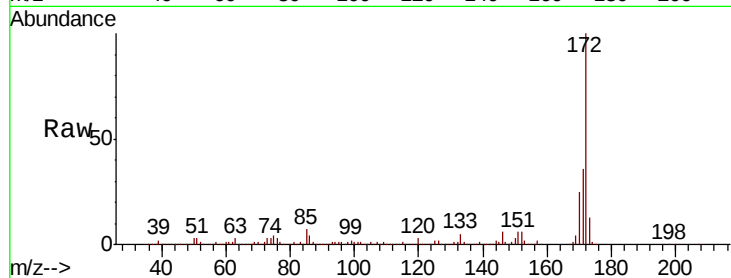




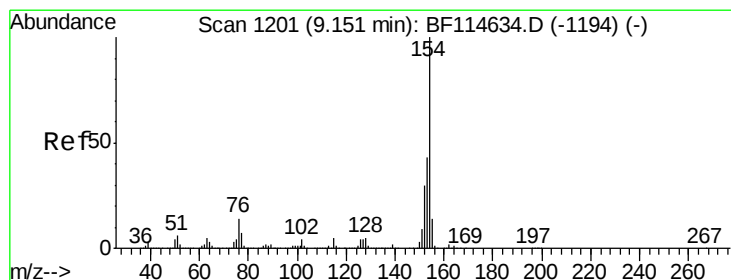
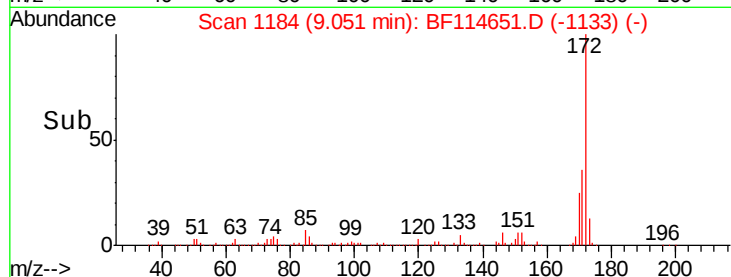
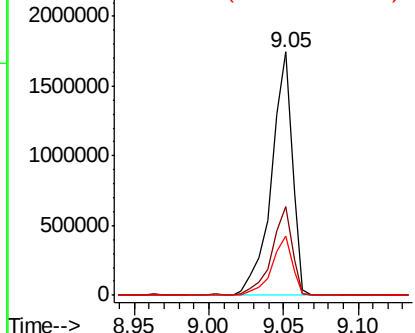
#45
2-Fluorobiphenyl
Concen: 67.514 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1692780
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 24.6 20.7 31.1

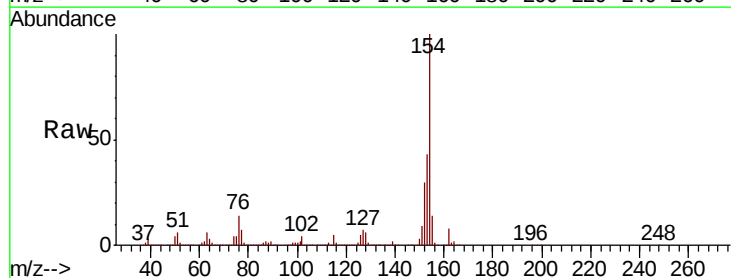


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

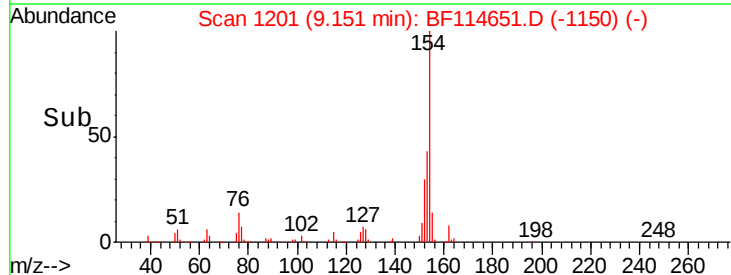
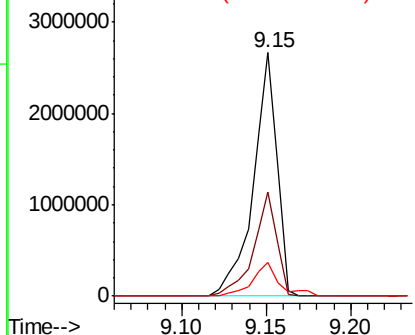


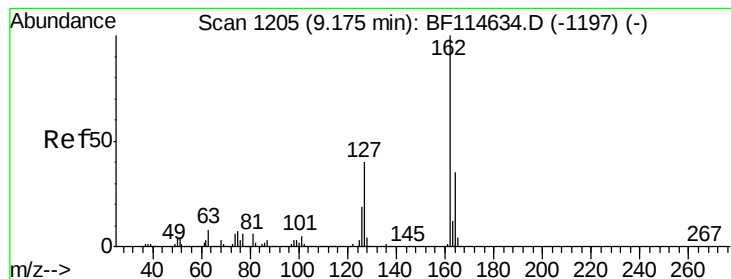
#46
1,1'-Biphenyl
Concen: 84.107 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:154 Resp: 2600701
Ion Ratio Lower Upper
154 100
153 42.8 23.0 63.0
76 13.8 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: 83.039 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

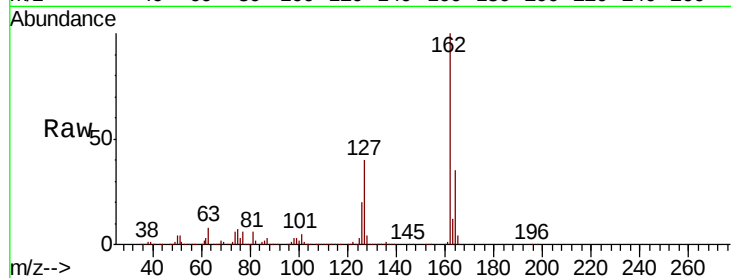
Tot Ion:162 Resp: 2106249

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.2

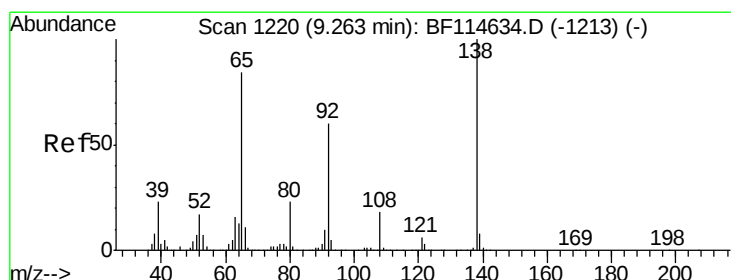
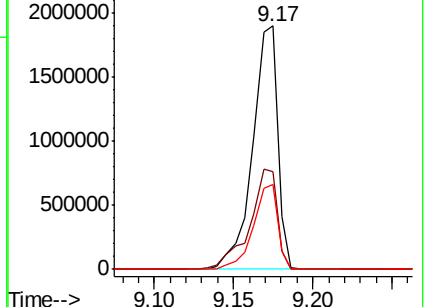
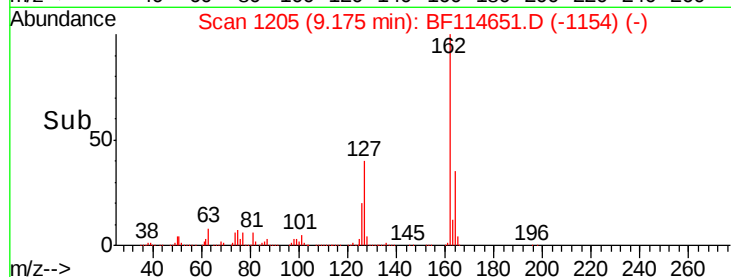
164 34.8 27.8 41.6



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: 81.329 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

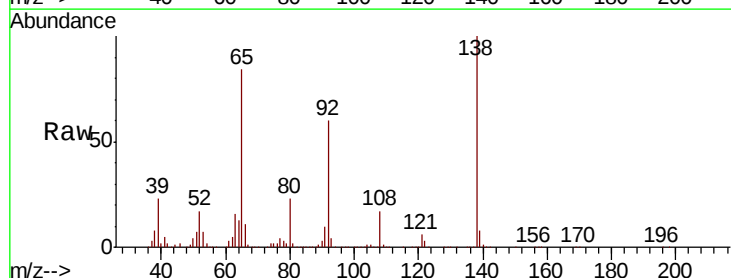
Tgt Ion: 65 Resp: 636595

Ion Ratio Lower Upper

65 100

92 71.9 57.1 85.7

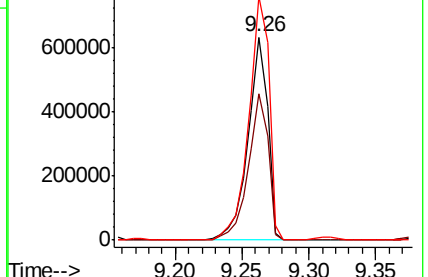
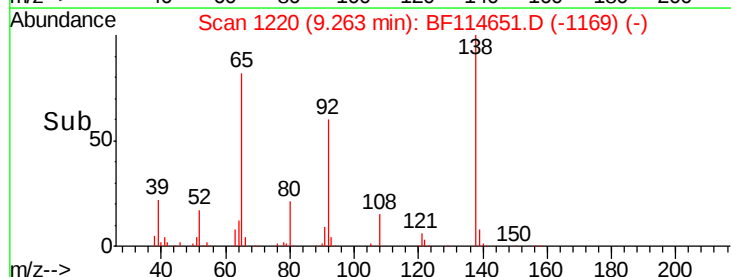
138 119.8 95.8 143.6

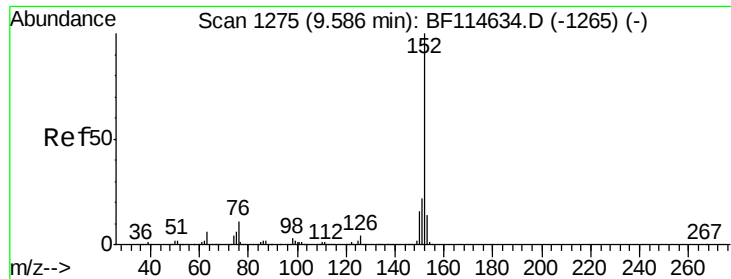


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 81.580 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

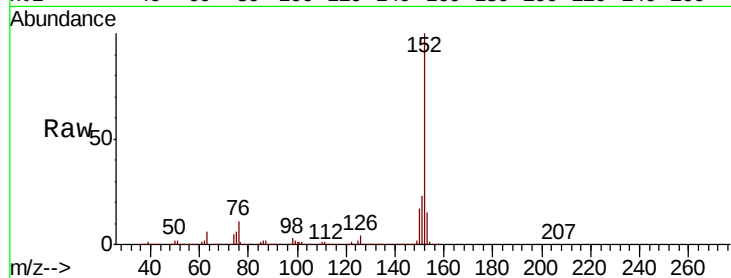
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3196738

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.5	26.3
153	15.4	11.6	17.4

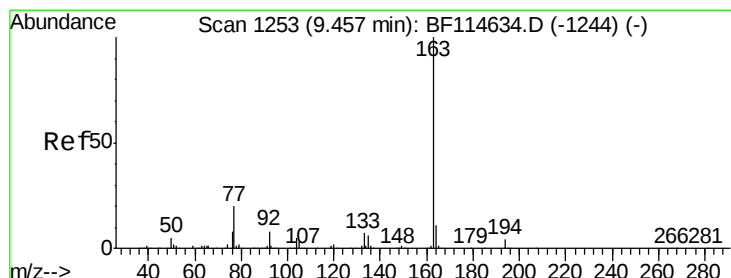
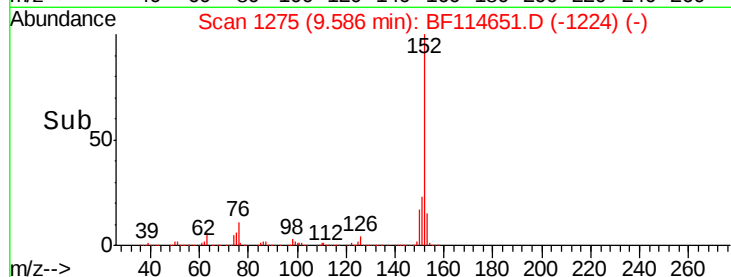
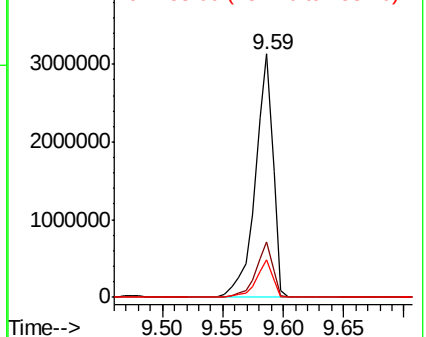


Abundance

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: 82.766 ng

RT: 9.46 min Scan# 1253

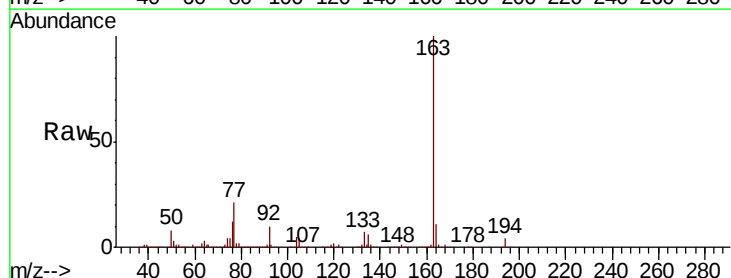
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:163 Resp: 2402381

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.1	8.6	13.0

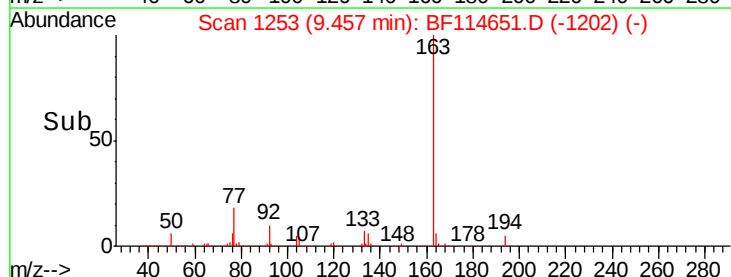
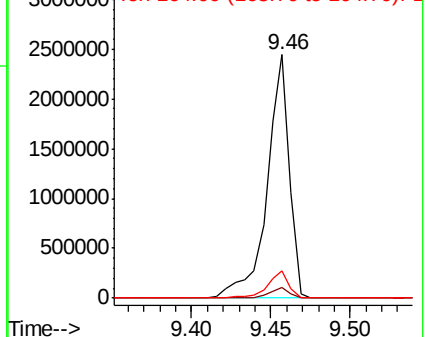


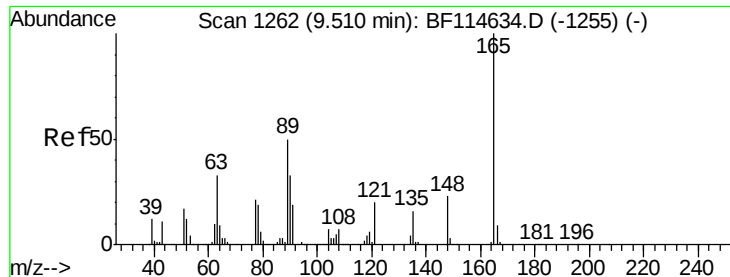
Abundance

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: 85.432 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

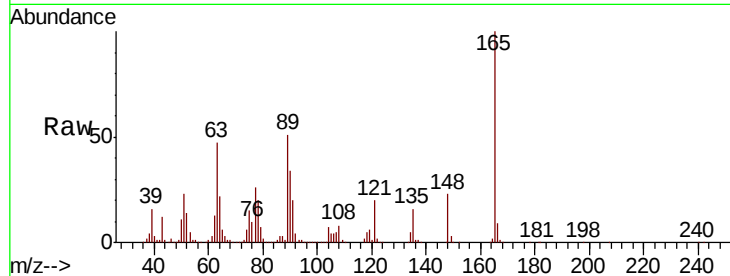
Tot Ion:165 Resp: 576211

Ion Ratio Lower Upper

165 100

63 47.5 36.6 54.8

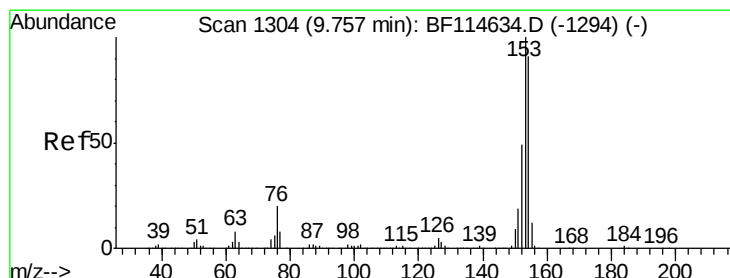
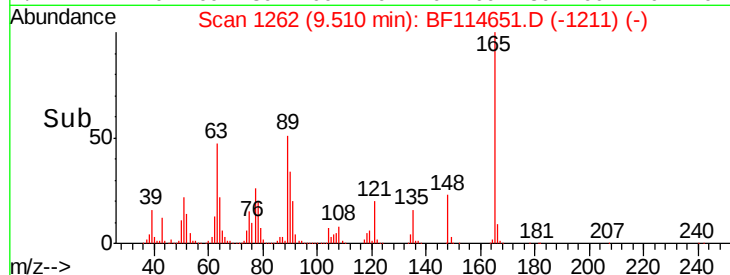
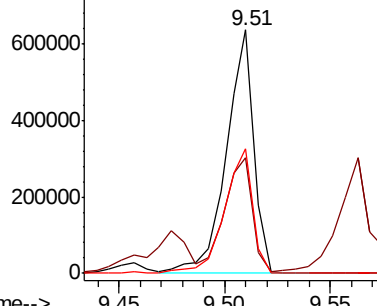
89 51.4 40.2 60.4



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: 92.225 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

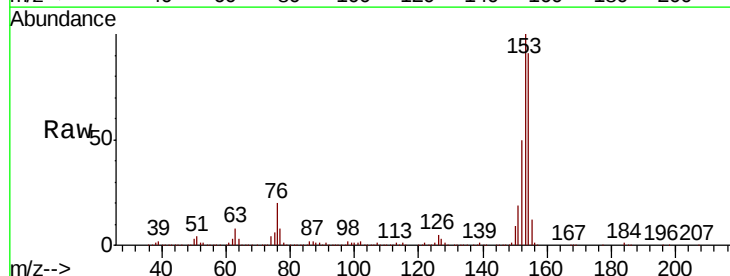
Tgt Ion:154 Resp: 2216285

Ion Ratio Lower Upper

154 100

153 109.6 88.4 132.6

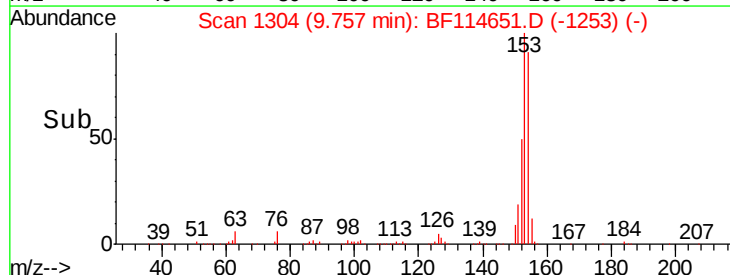
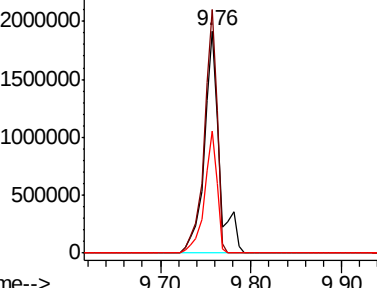
152 54.7 43.4 65.0

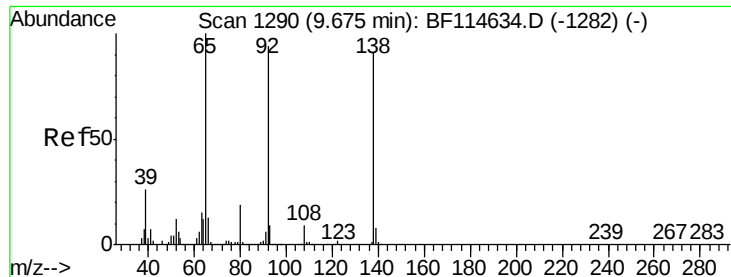


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

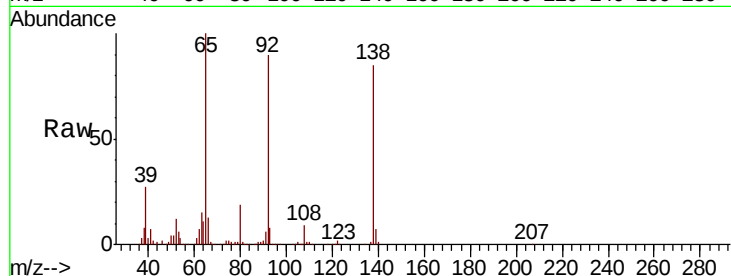




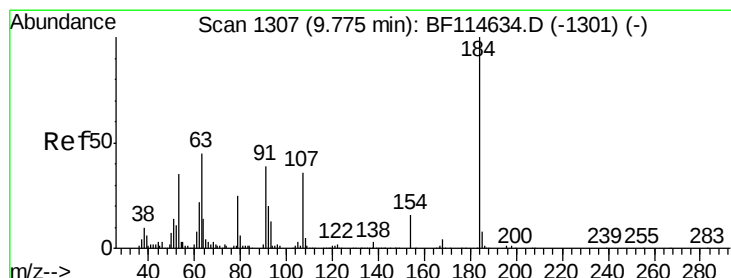
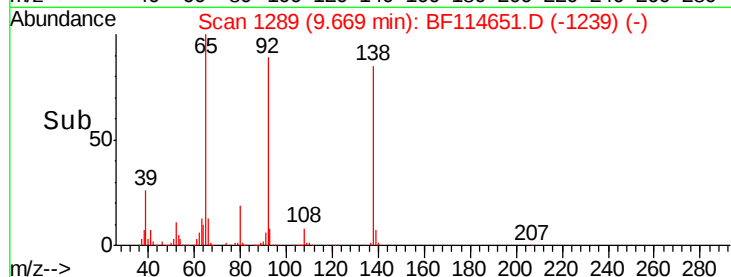
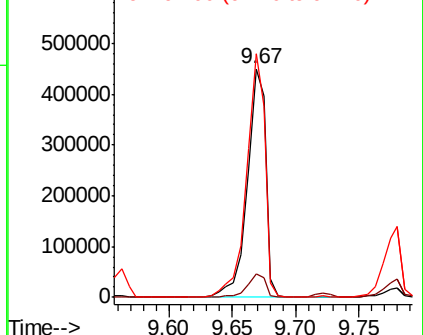
#53
3-Nitroaniline
Concen: 55.476 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 457939
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 106.6 83.1 124.7

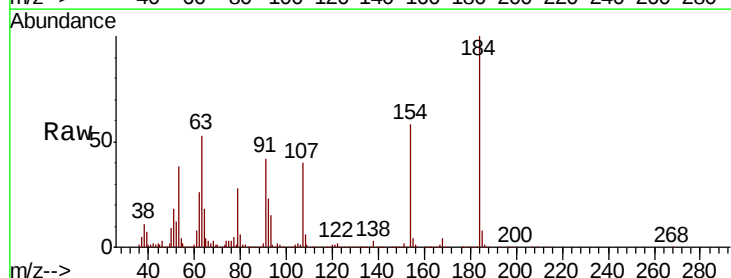


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

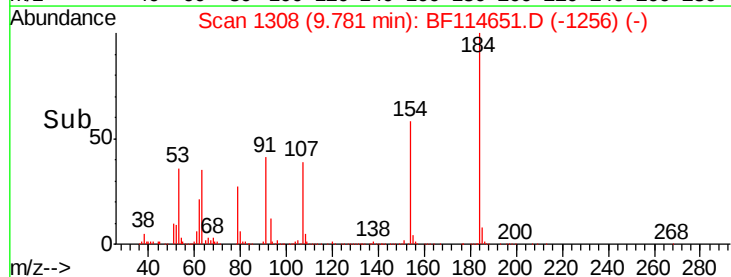
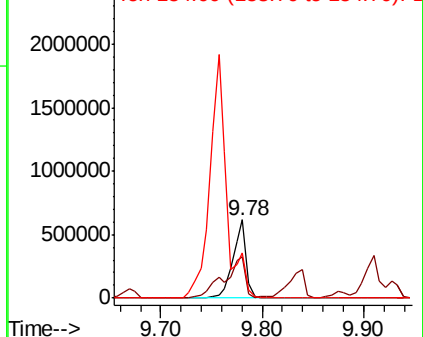


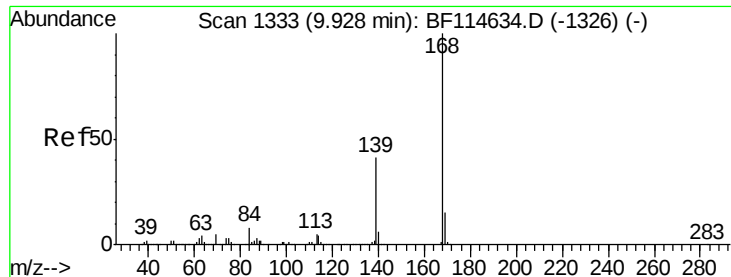
#54
2,4-Dinitrophenol
Concen: 206.124 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:184 Resp: 548368
Ion Ratio Lower Upper
184 100
63 52.6 38.8 58.2
154 58.1 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

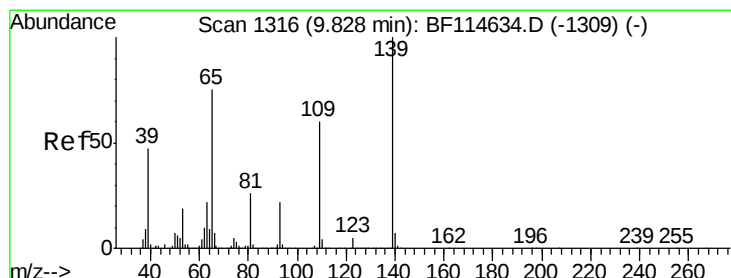
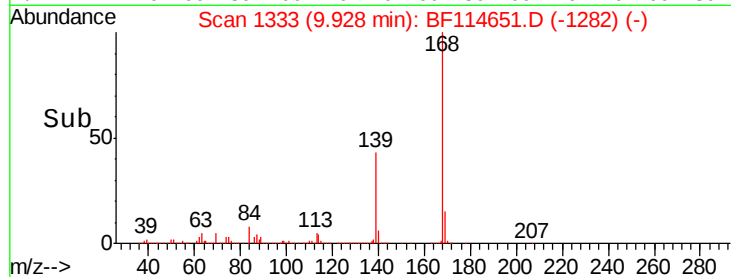
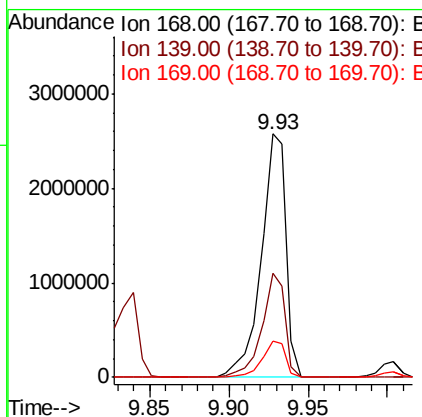
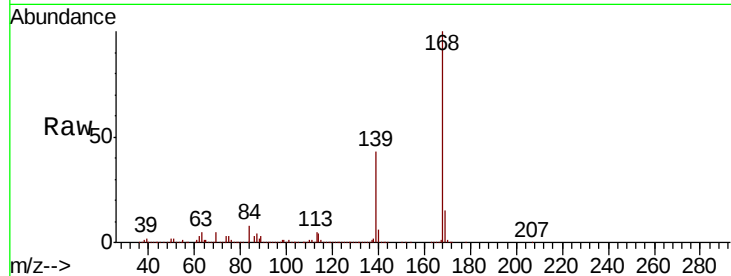




#55
Dibenzofuran
Concen: 82.232 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

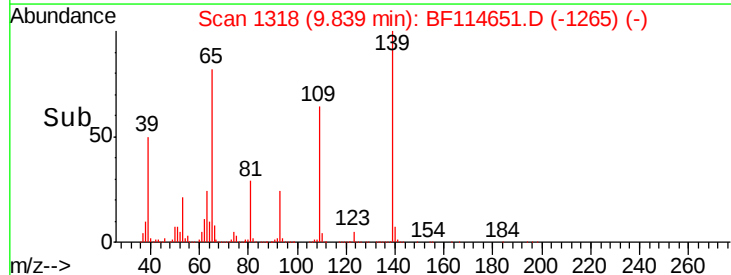
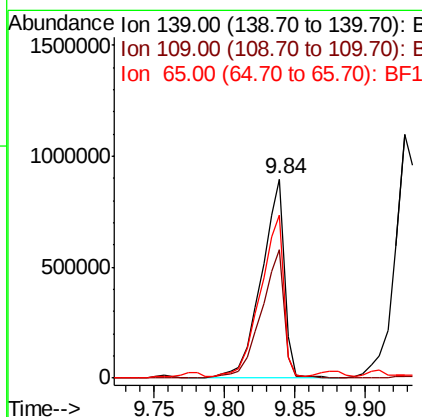
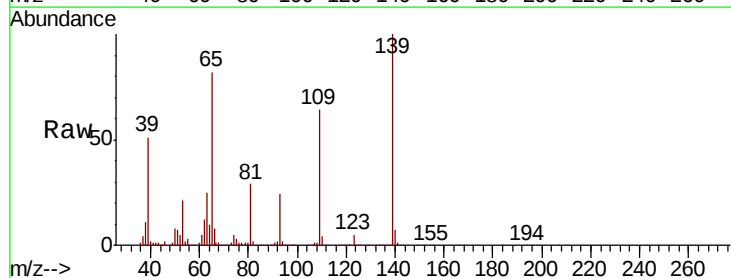
Instrument :
BNA_F
ClientSampleId :

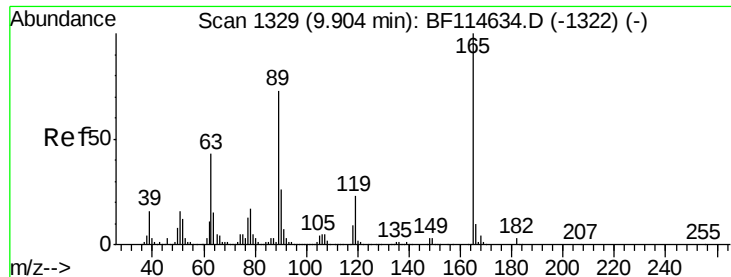
Tot Ion:168 Resp: 2812954
Ion Ratio Lower Upper
168 100
139 42.6 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 168.239 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:139 Resp: 1029153
Ion Ratio Lower Upper
139 100
109 64.4 40.4 80.4
65 82.1 54.7 94.7

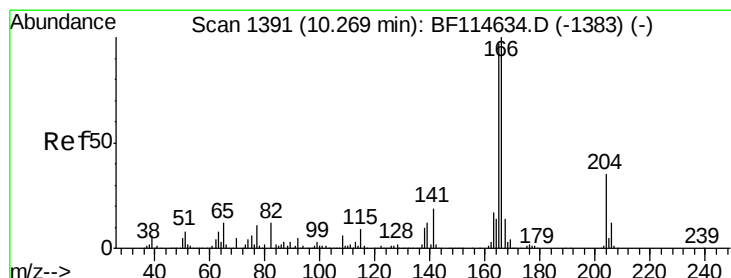
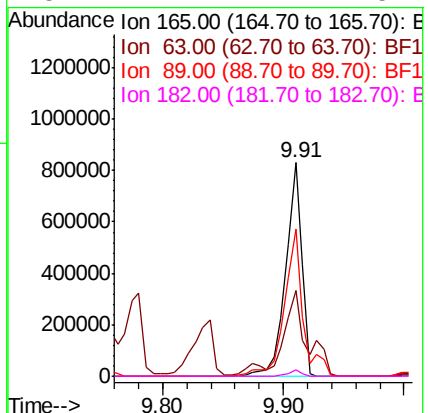
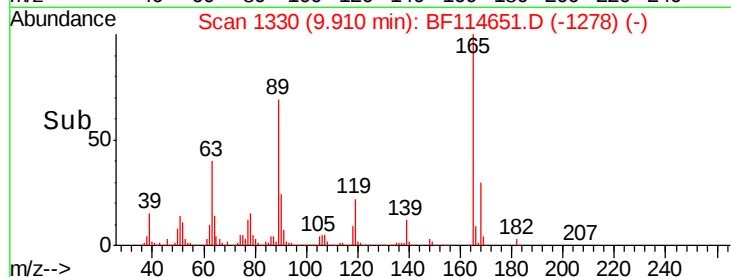
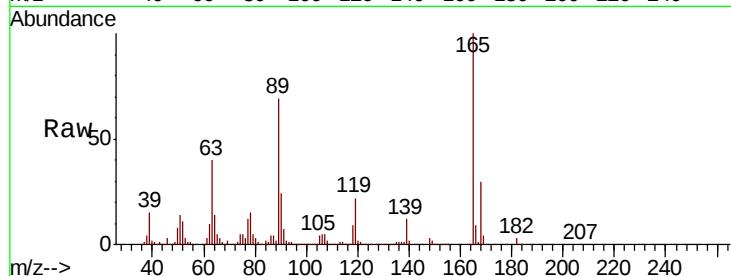




#57
2,4-Dinitrotoluene
Concen: 88.203 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

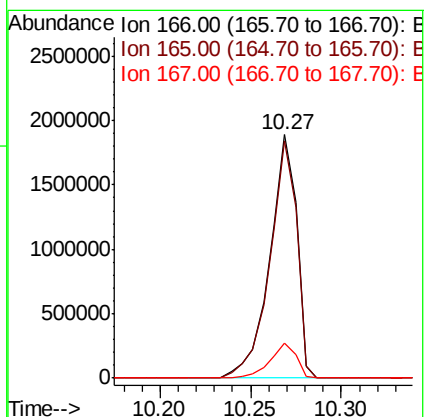
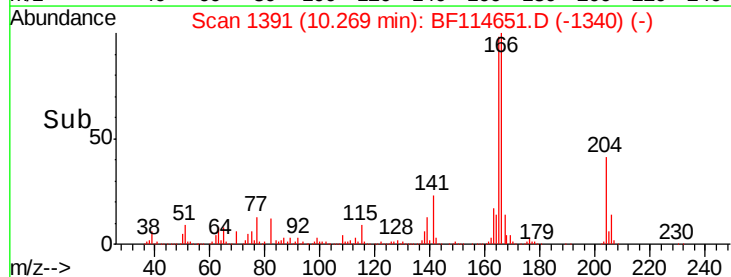
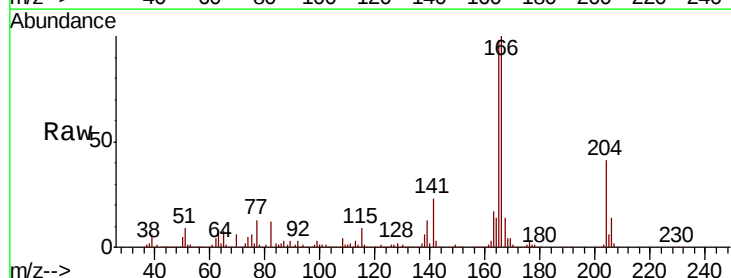
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 763487
Ion Ratio Lower Upper
165 100
63 40.3 34.8 52.2
89 68.7 58.5 87.7
182 2.7 2.2 3.2



#58
Fluorene
Concen: 84.654 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:166 Resp: 1955282
Ion Ratio Lower Upper
166 100
165 97.6 77.6 116.4
167 14.1 11.2 16.8

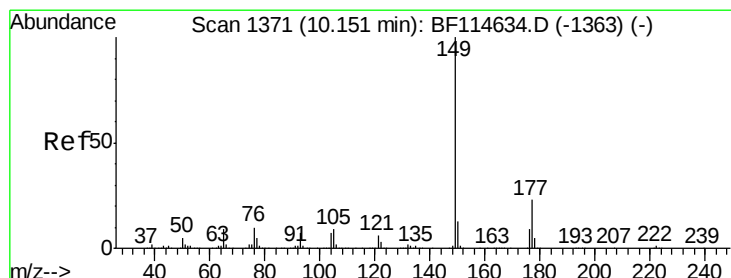
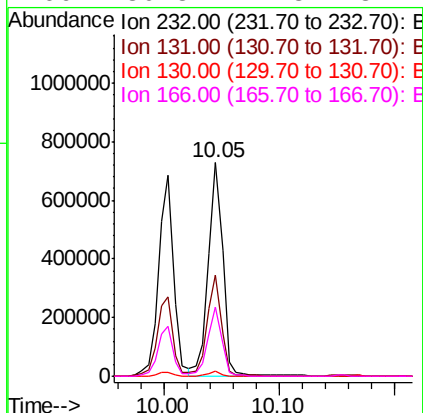
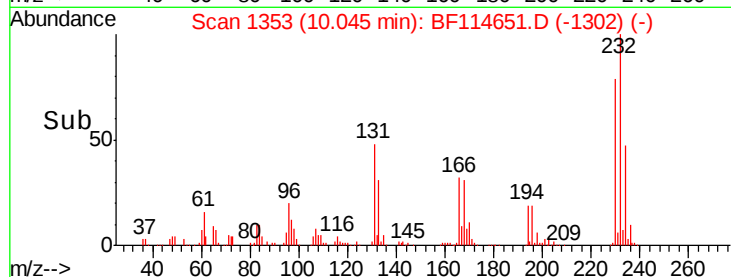
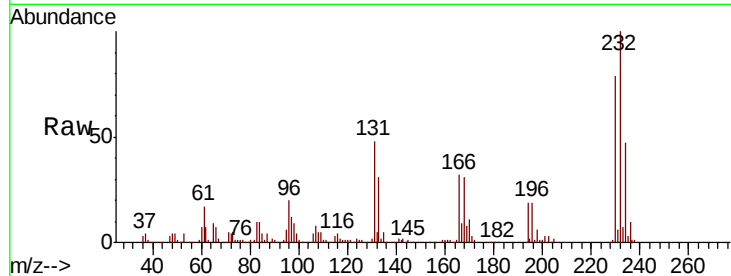




#59
2,3,4,6-Tetrachlorophenol
Concen: 89.936 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

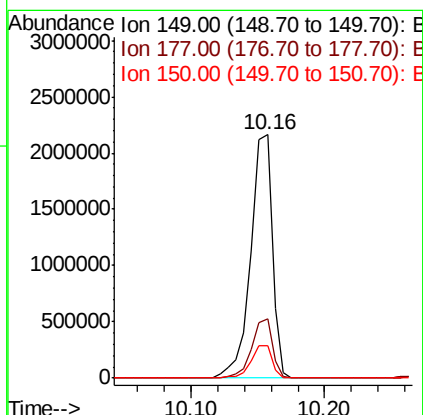
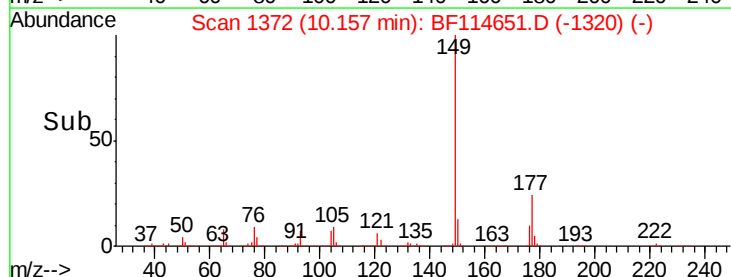
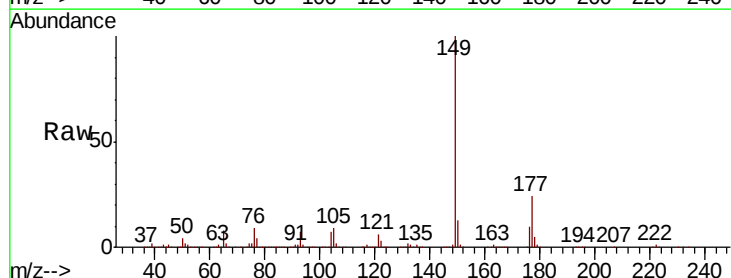
Instrument :
BNA_F
ClientSampleId :

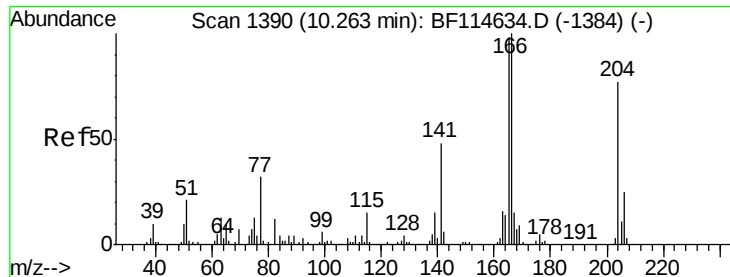
Tot Ion:	232	Resp:	641198
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.2	55.8
130	2.3	1.8	2.8
166	30.8	24.8	37.2



#60
Diethylphthalate
Concen: 80.755 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:	149	Resp:	2394041
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.6	28.0
150	13.3	10.6	15.8

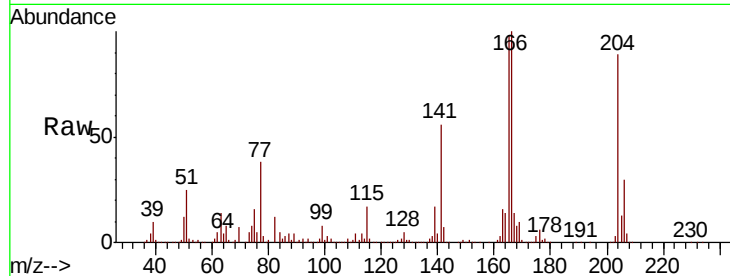




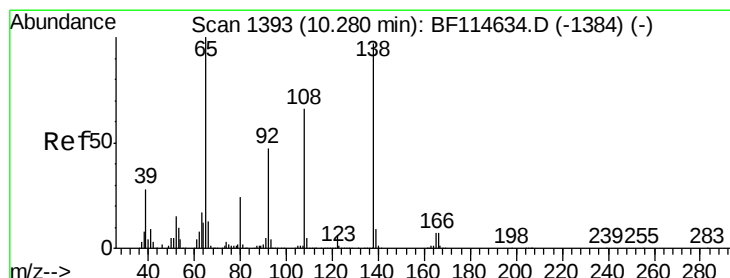
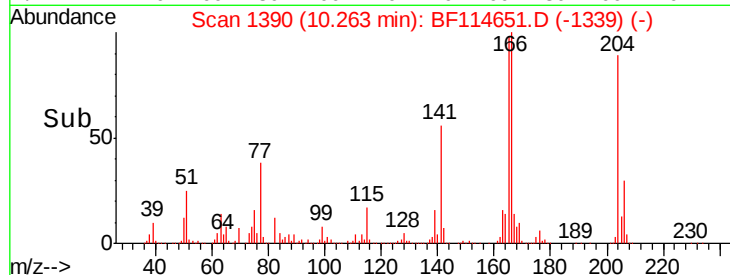
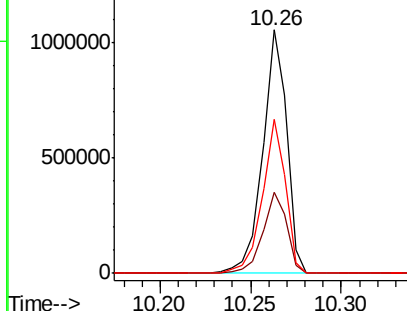
#61
4-Chlorophenyl-phenylether
Concen: 83.949 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 970129
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 63.3 50.0 75.0

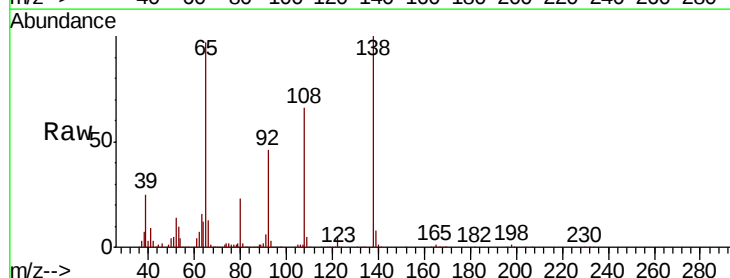


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

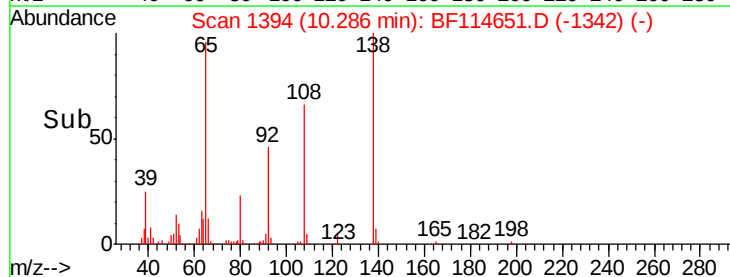
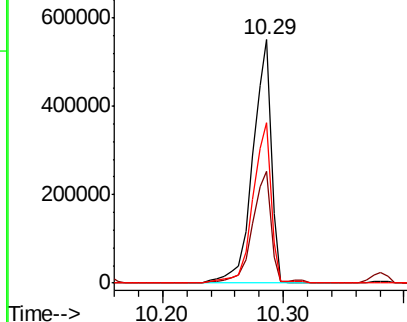


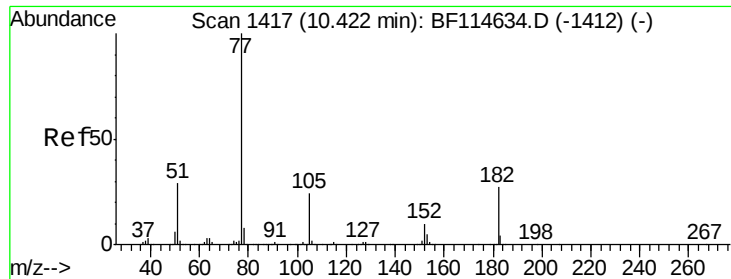
#62
4-Nitroaniline
Concen: 73.623 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:138 Resp: 592212
Ion Ratio Lower Upper
138 100
92 46.0 28.0 68.0
108 65.9 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: 82.069 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

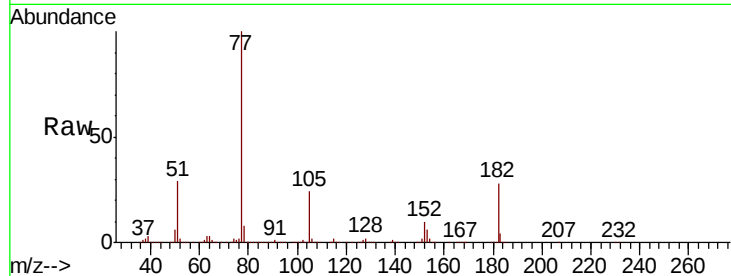
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2233776

Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.0	47.0
105	24.3	3.7	43.7
51	29.2	9.1	49.1

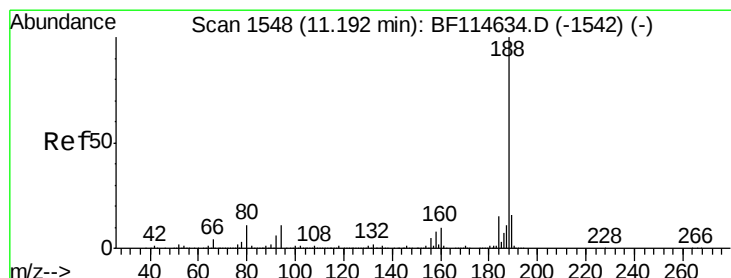
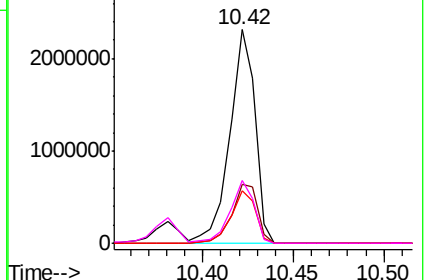
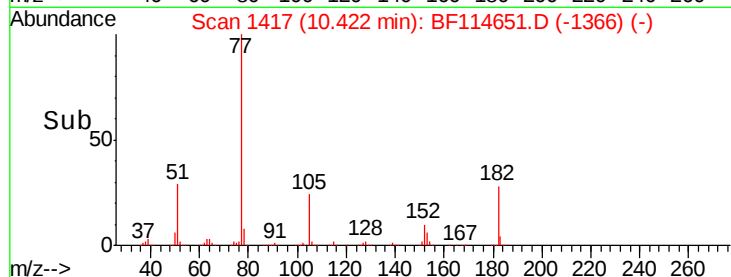


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1548

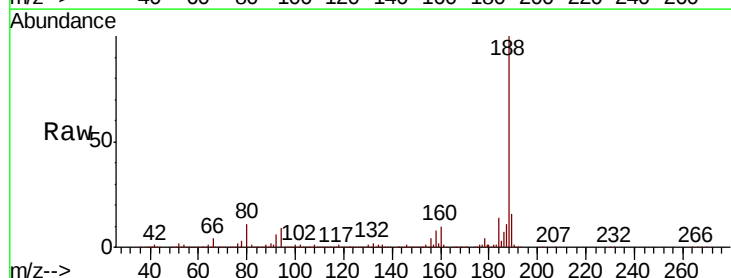
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion: 188 Resp: 795589

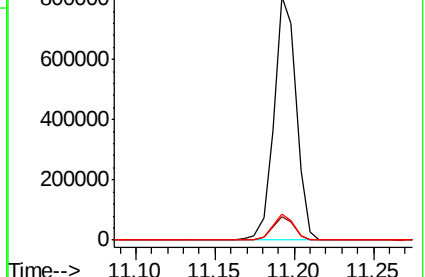
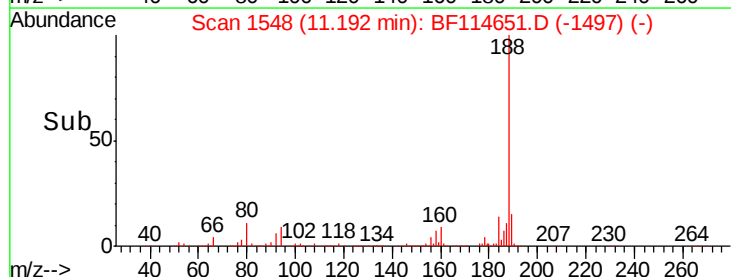
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	10.8	9.0	13.6

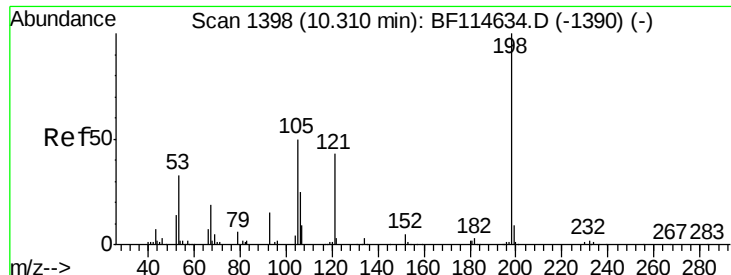


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

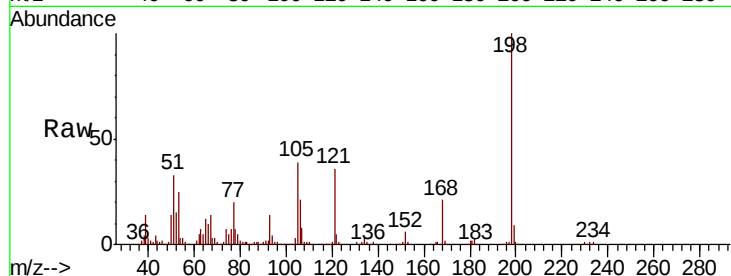




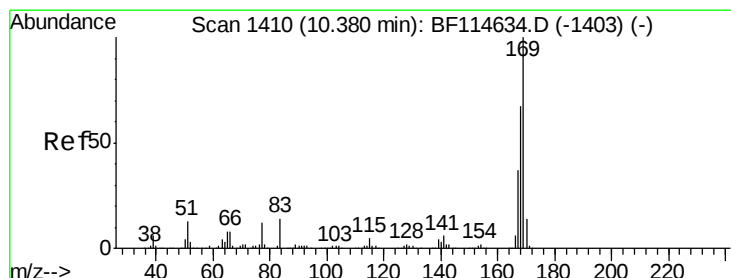
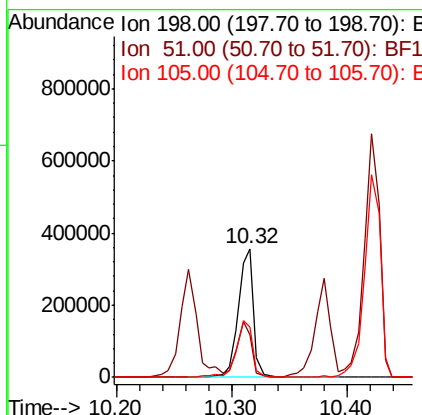
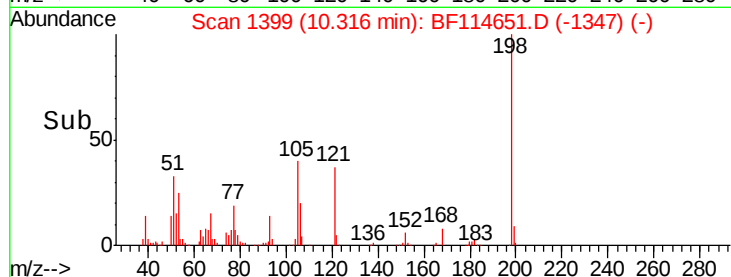
#65
4,6-Dinitro-2-methylphenol
Concen: 92.537 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 326448
Ion Ratio Lower Upper
198 100
51 32.8 29.0 69.0
105 39.1 30.4 70.4

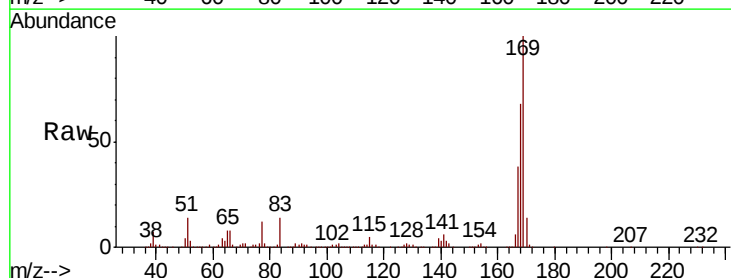


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

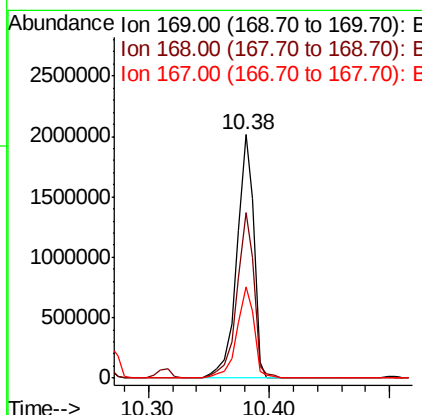
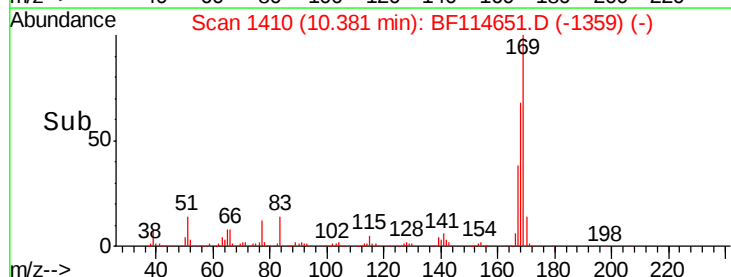


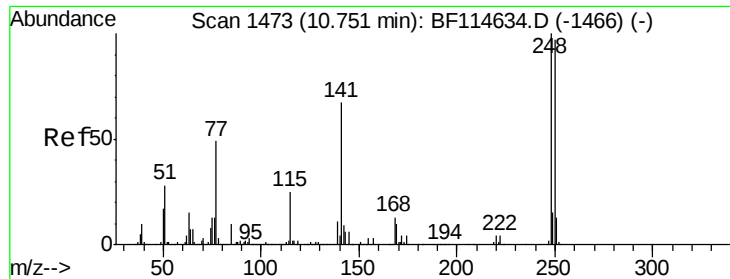
#66
n-Nitrosodiphenylamine
Concen: 84.195 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:169 Resp: 1979075
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.8
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

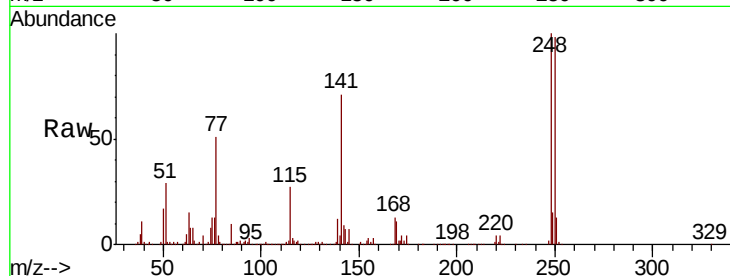




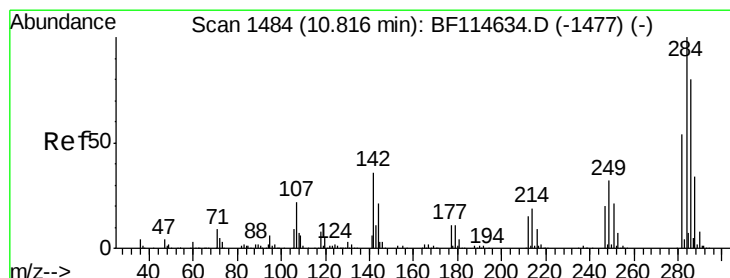
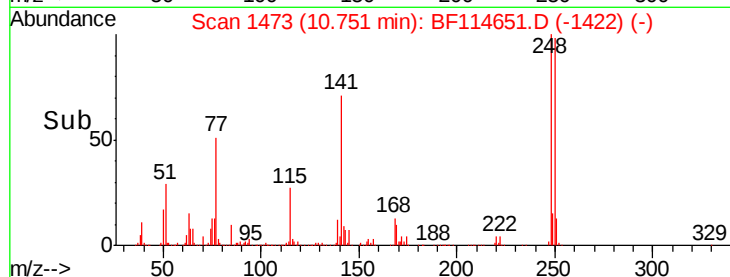
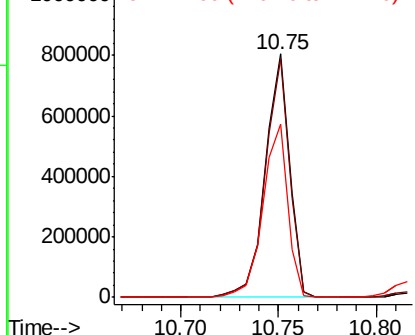
#67
4-Bromophenyl-phenylether
Concen: 81.775 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 697677
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 71.0 53.8 80.8

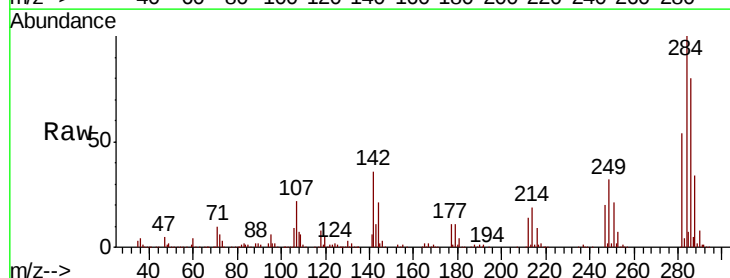


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

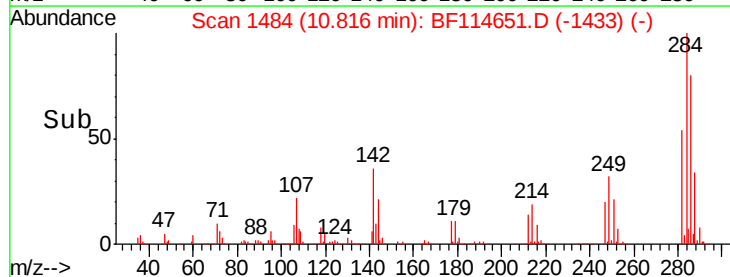
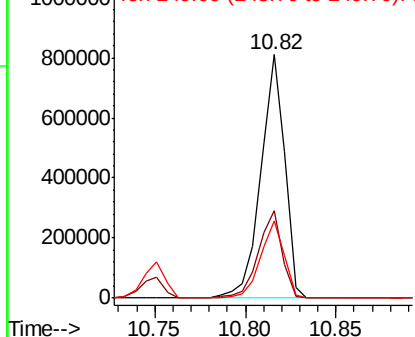


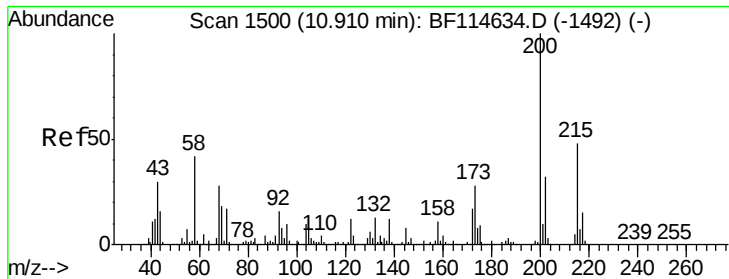
#68
Hexachlorobenzene
Concen: 80.260 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:284 Resp: 741668
Ion Ratio Lower Upper
284 100
142 36.1 28.9 43.3
249 31.7 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

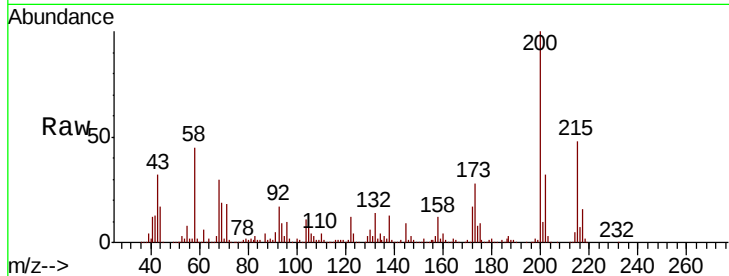




#69
Atrazine
Concen: 82.181 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.9	47.9
215	47.9	27.8	67.8

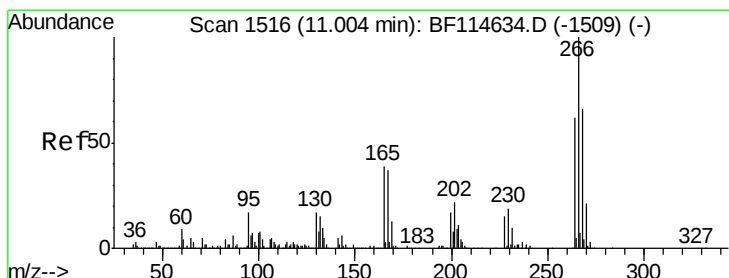
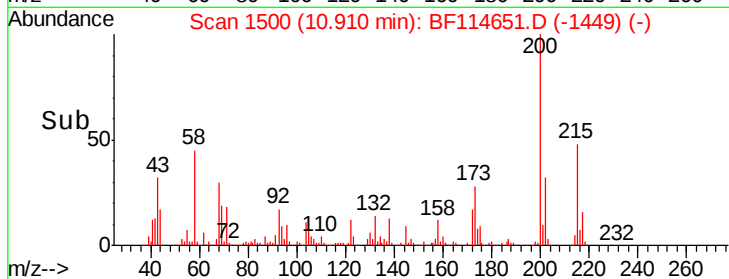
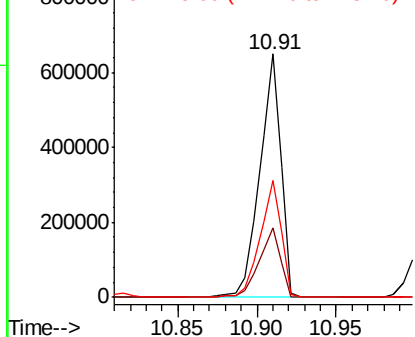


Abundance

Ion 200.00 (199.70 to 200.70): E

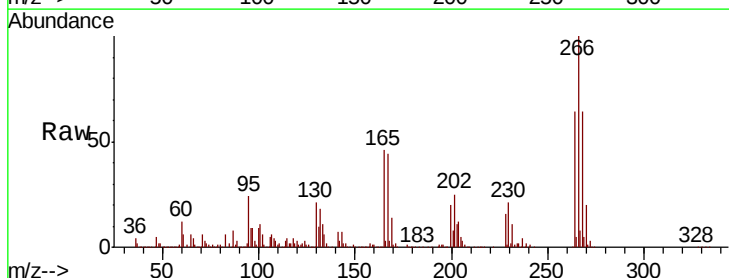
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 162.879 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	64.1	49.9	74.9

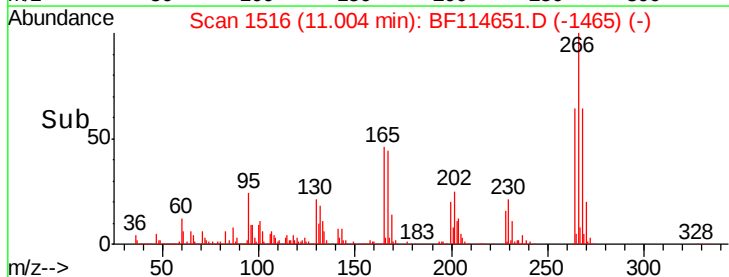
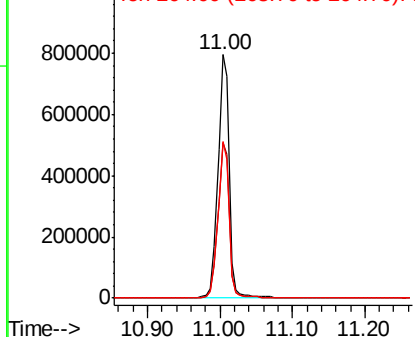


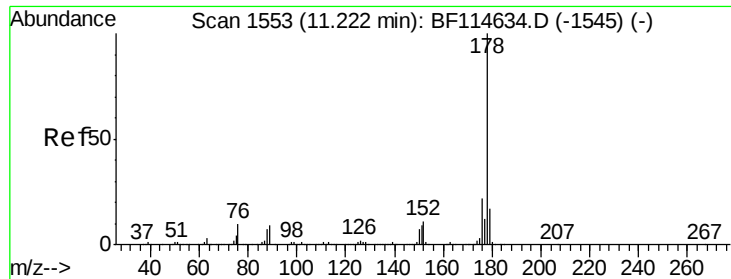
Abundance

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: 76.395 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

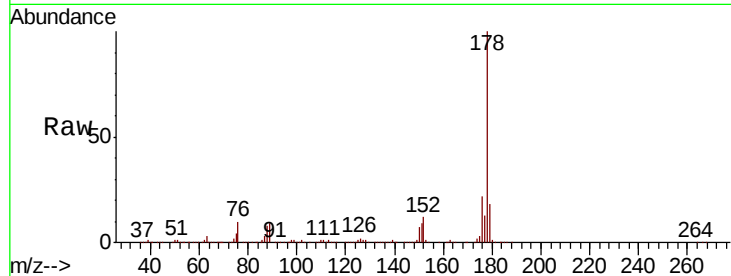
Tot Ion:178 Resp: 3100419

Ion Ratio Lower Upper

178 100

176 21.9 17.2 25.8

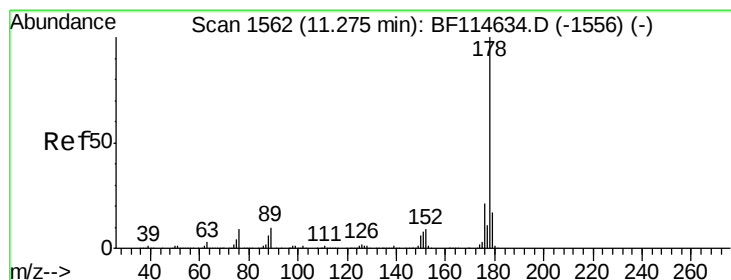
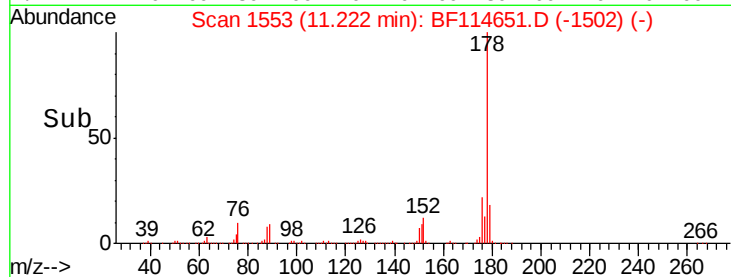
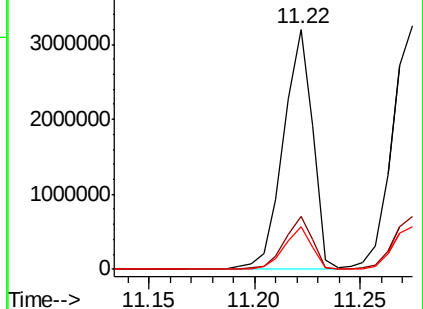
179 17.6 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 76.683 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

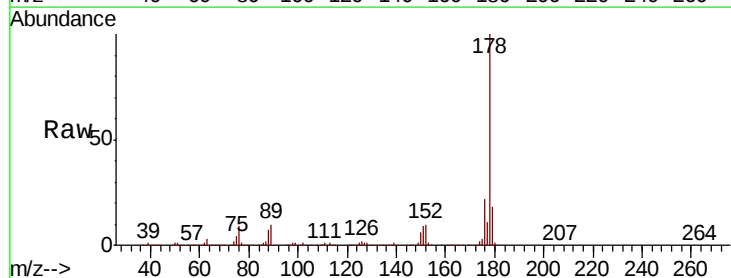
Tgt Ion:178 Resp: 3149777

Ion Ratio Lower Upper

178 100

176 21.6 16.6 24.8

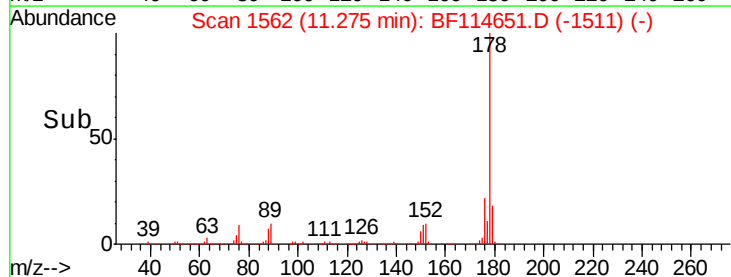
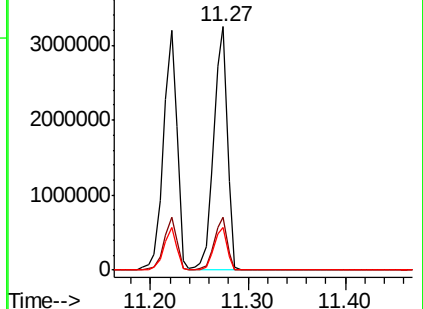
179 17.7 13.4 20.0

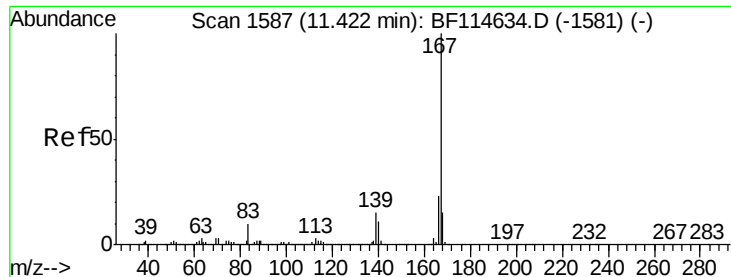


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



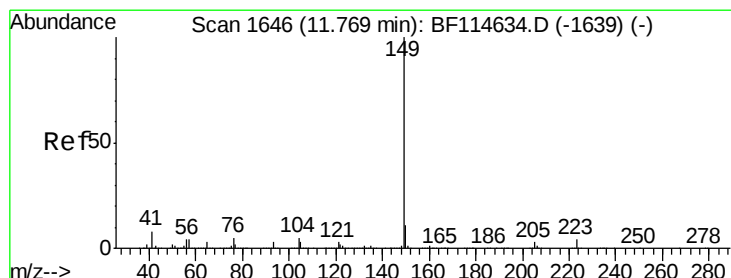
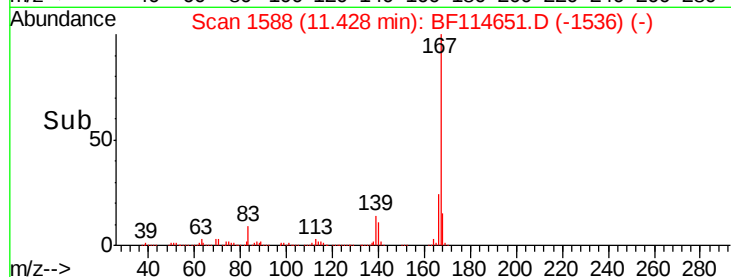
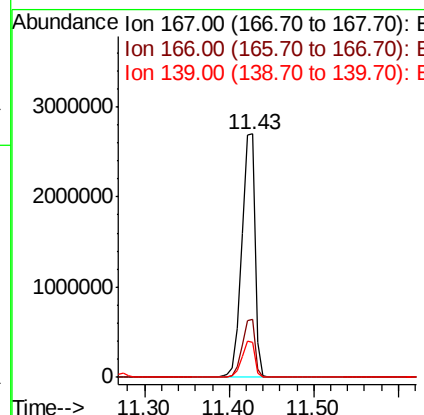
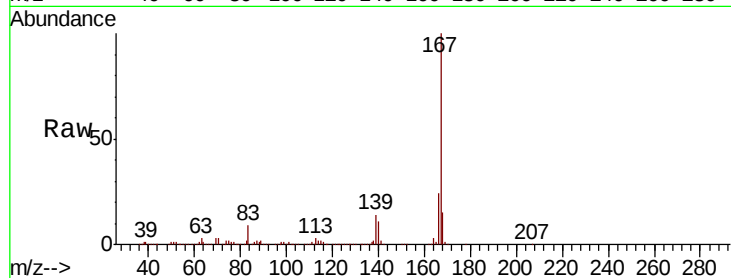


#73
 Carbazole
 Concen: 79.331 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2863807

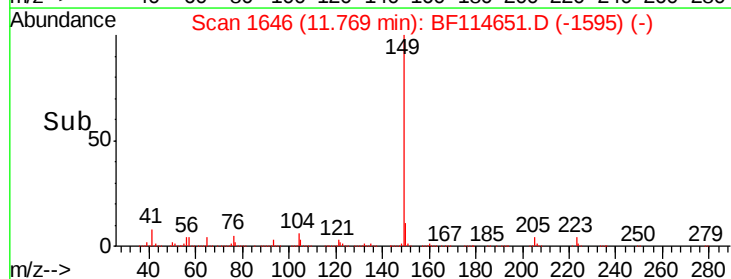
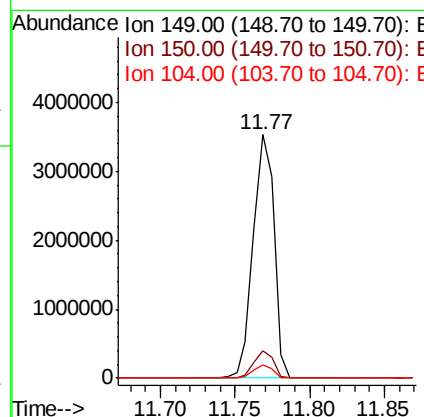
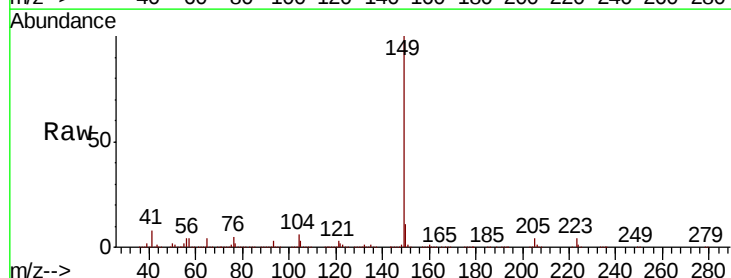
Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.7	28.1
139	14.4	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 77.697 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:149 Resp: 3407825

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





#75

Fluoranthene

Concen: 75.042 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

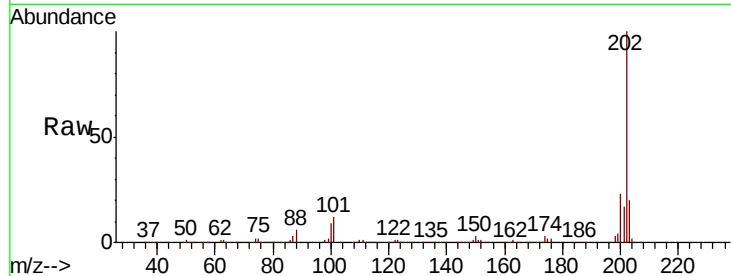
Tot Ion:202 Resp: 3153567

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.9

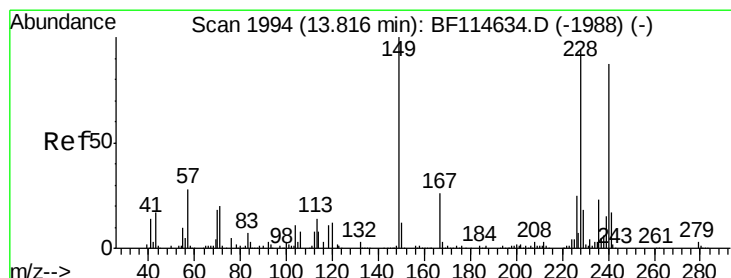
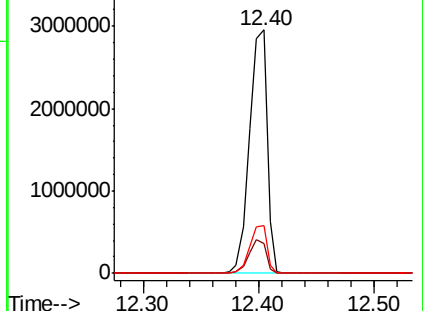
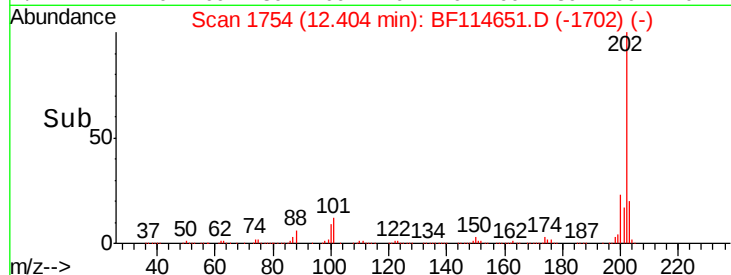
203 19.6 0.0 39.1



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# 1994

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

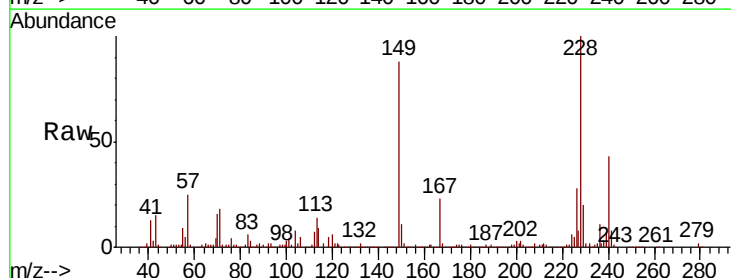
Tgt Ion:240 Resp: 482107

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

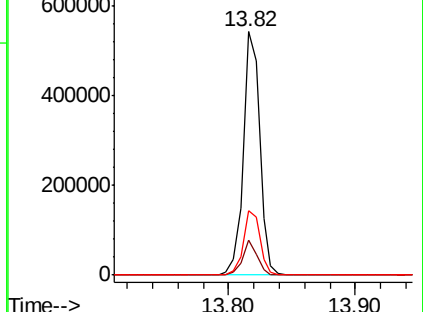
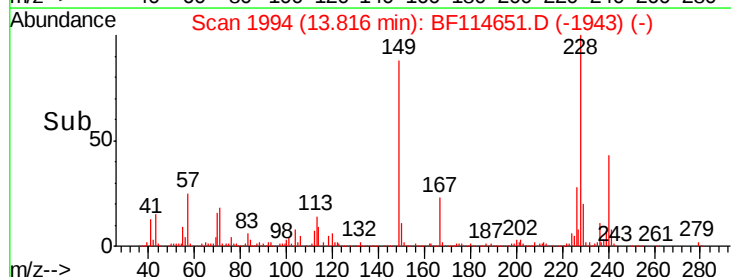
236 26.4 21.2 31.8

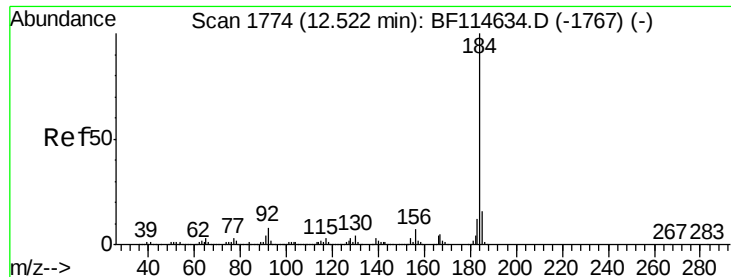


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.852 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

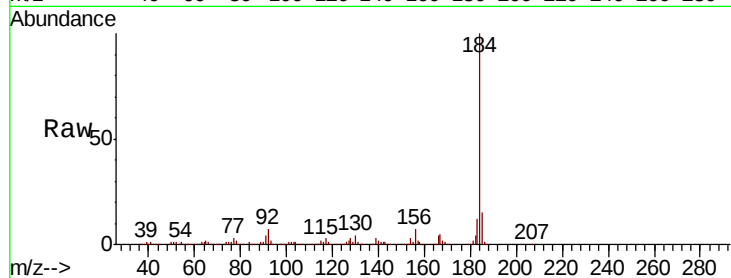
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1049235

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.9	9.4	14.2

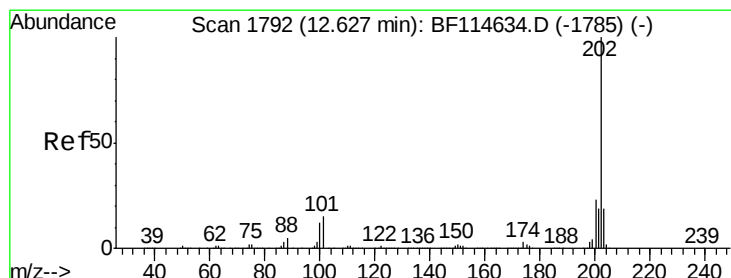
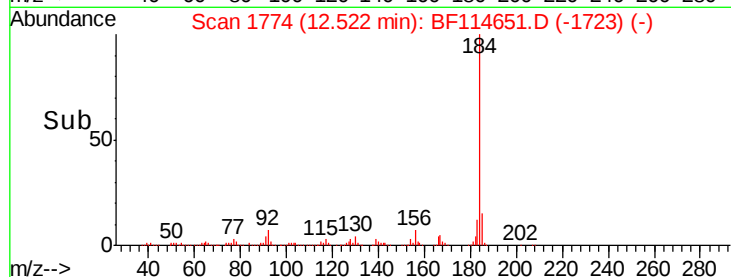
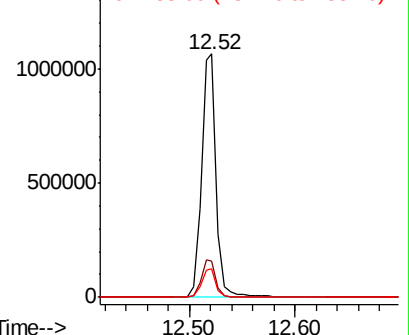


Abundance

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: 77.977 ng

RT: 12.63 min Scan# 1792

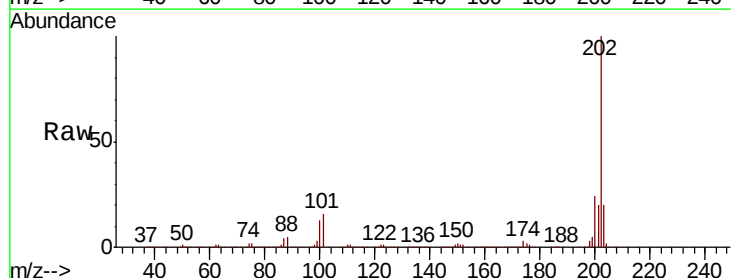
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:202 Resp: 3180101

Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.6	28.0
203	19.9	15.4	23.2

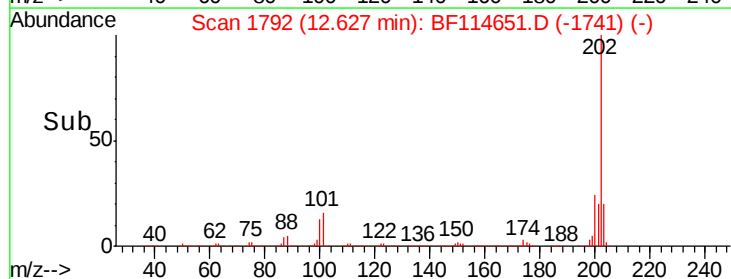
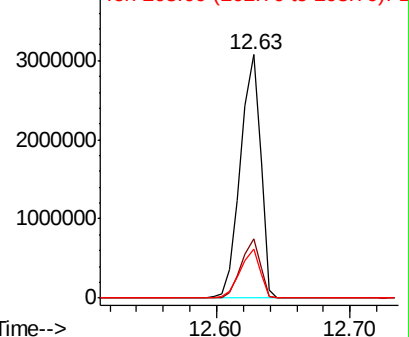


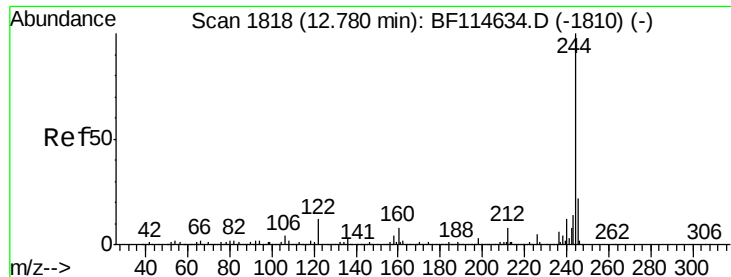
Abundance

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: 71.144 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

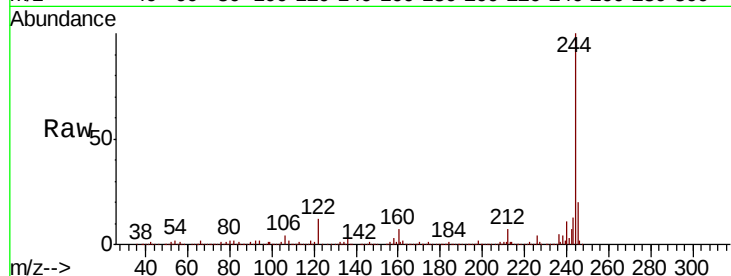
Tot Ion:244 Resp: 1824278

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

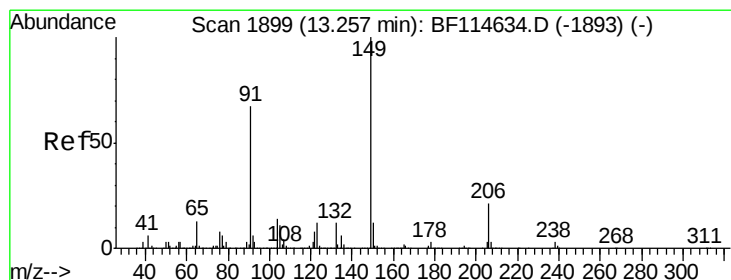
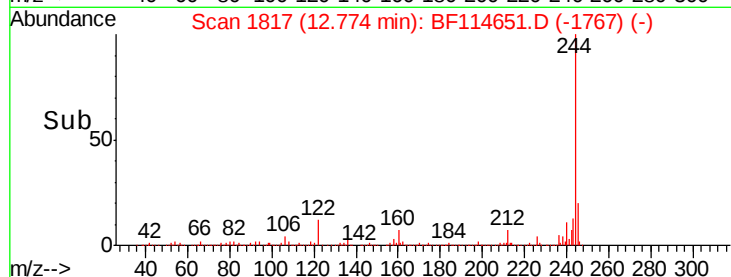
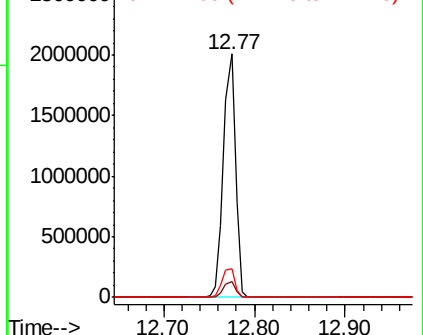
122 11.6 9.8 14.8



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: 76.154 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

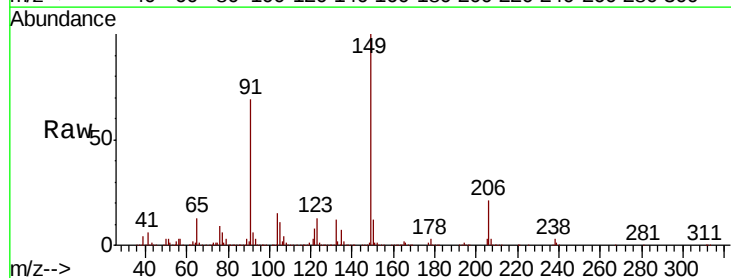
Tgt Ion:149 Resp: 1560847

Ion Ratio Lower Upper

149 100

91 68.9 53.8 80.8

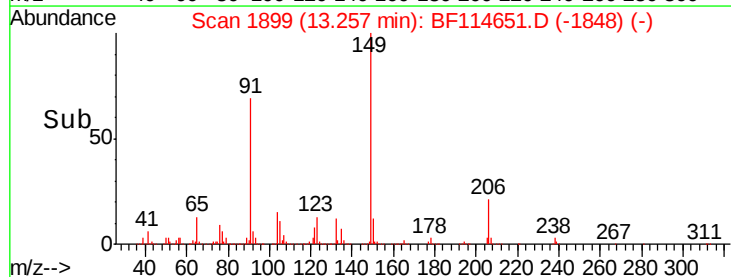
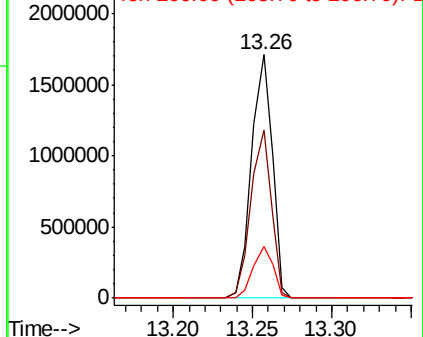
206 21.0 16.9 25.3



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: 77.446 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

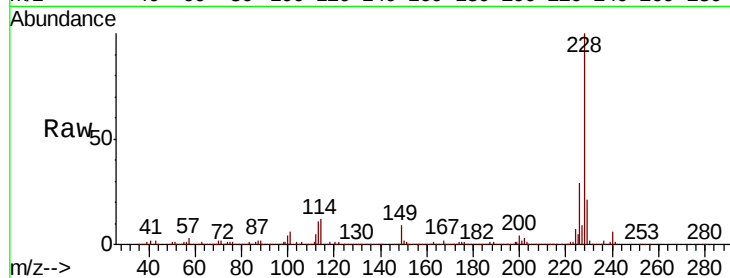
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2869242

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.3	17.0	25.4

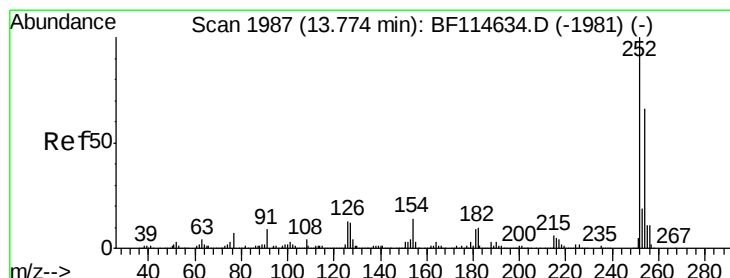
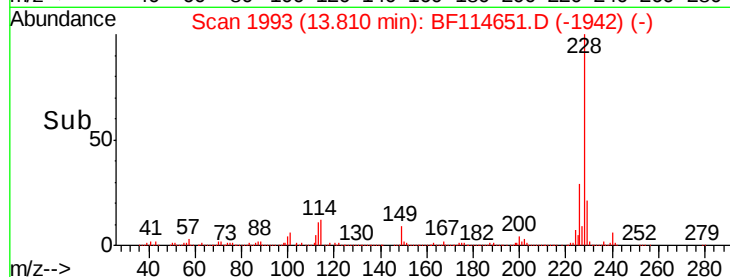
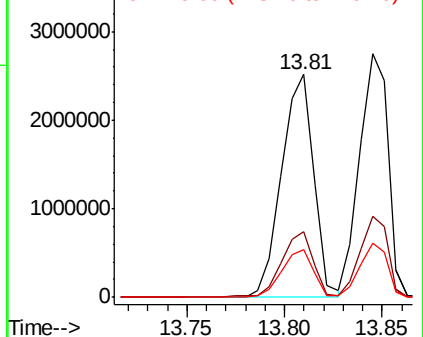


Abundance

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: 69.344 ng

RT: 13.77 min Scan# 1987

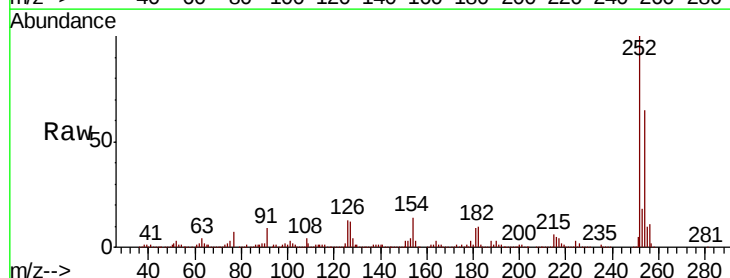
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:252 Resp: 992144

Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.1	79.7
126	12.9	10.2	15.2

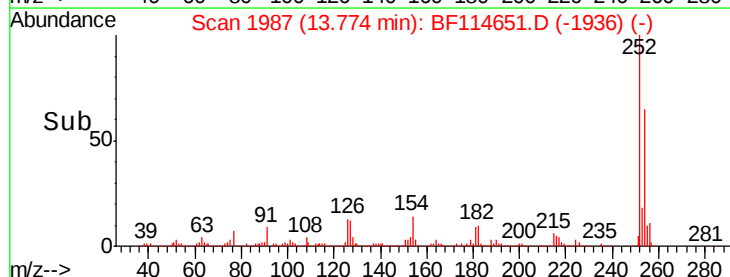
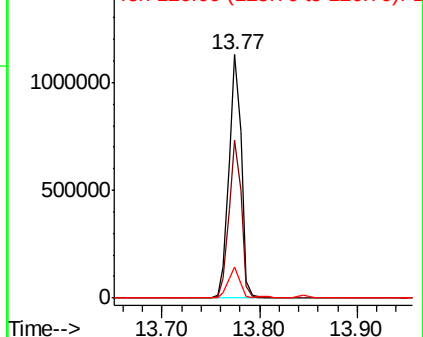


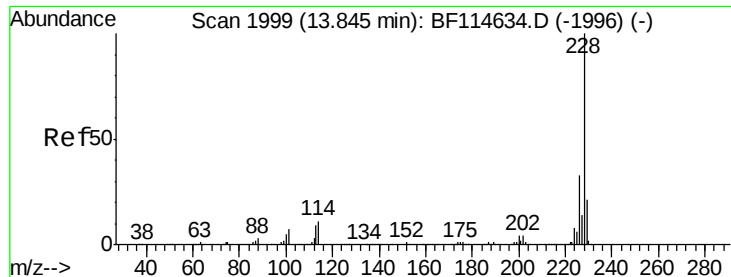
Abundance

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: 78.757 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

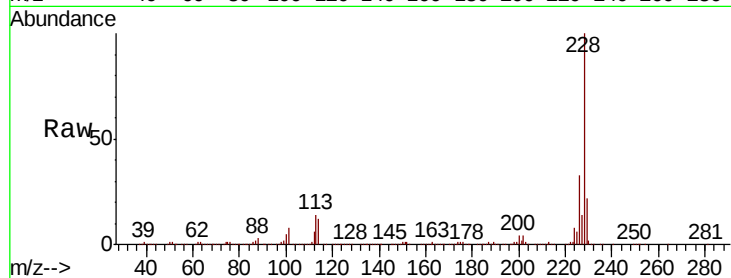
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2787723

Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.4	39.6
229	22.0	17.1	25.7

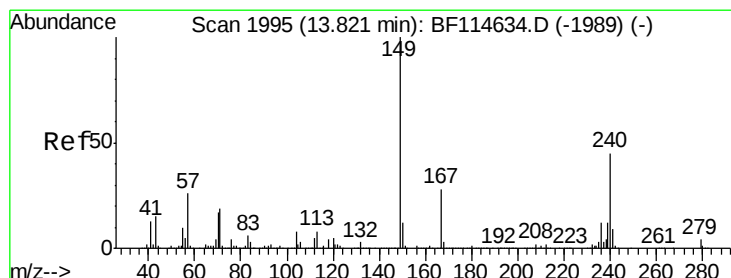
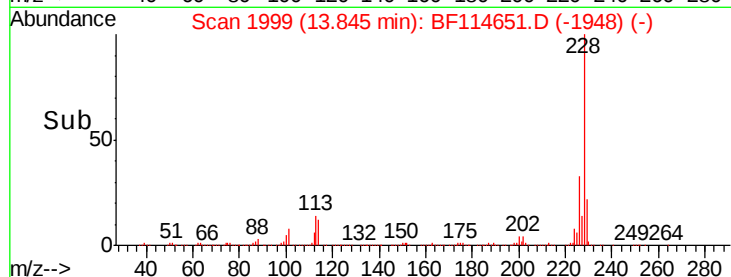
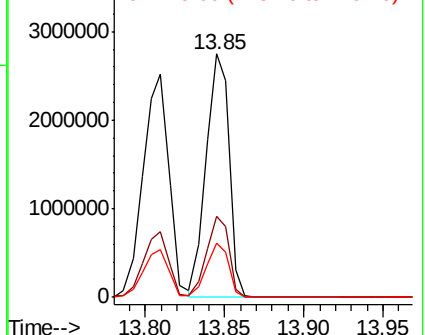


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.302 ng

RT: 13.82 min Scan# 1995

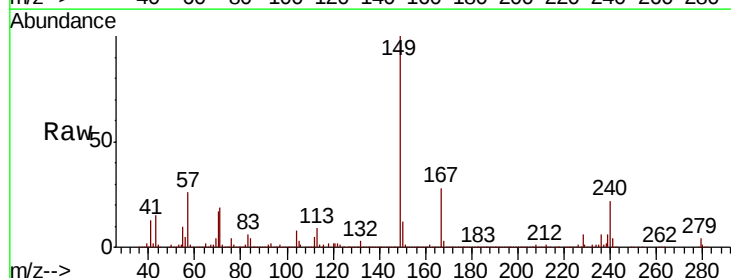
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:149 Resp: 2034760

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	3.8	3.0	4.4

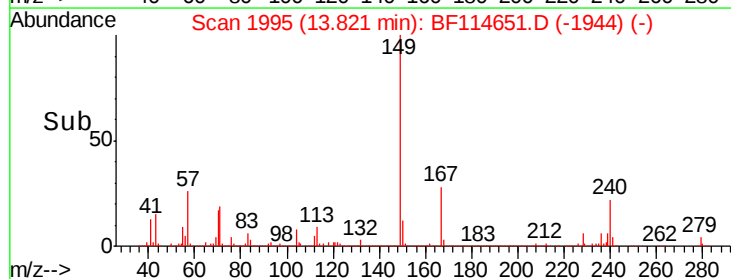
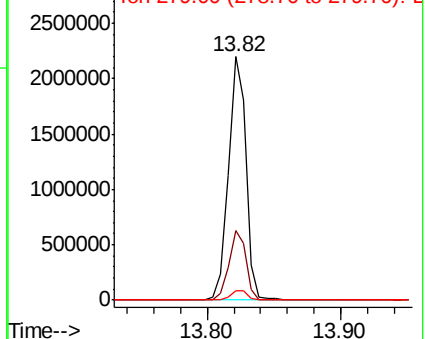


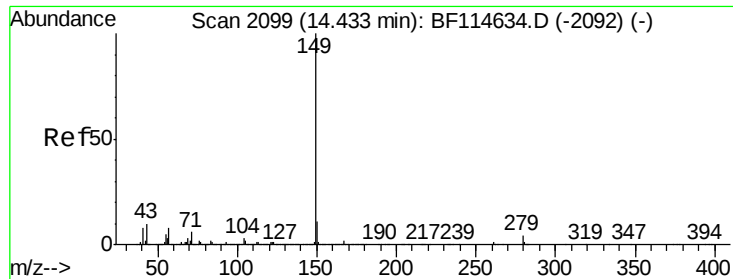
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

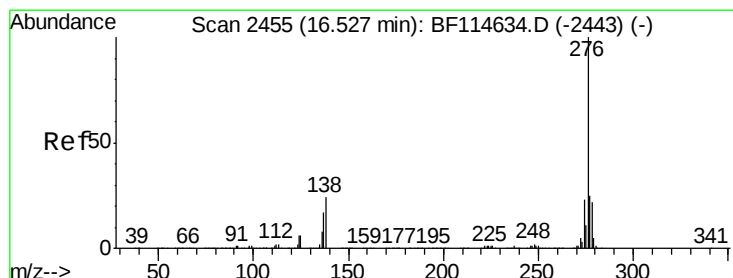
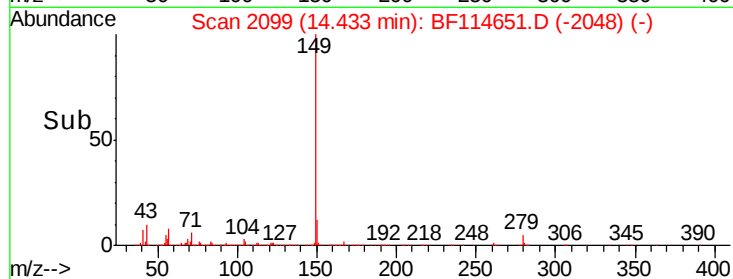
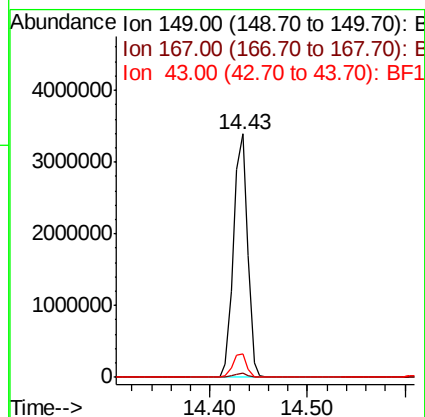
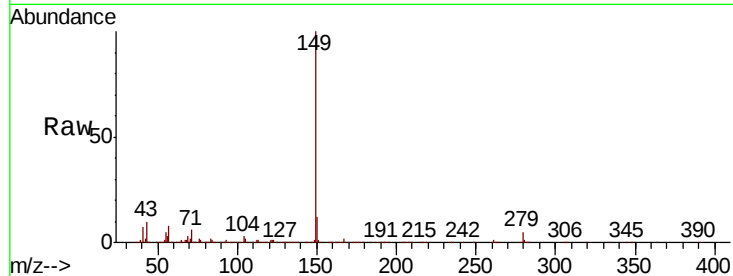




#85
Di-n-octyl phthalate
Concen: 77.291 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

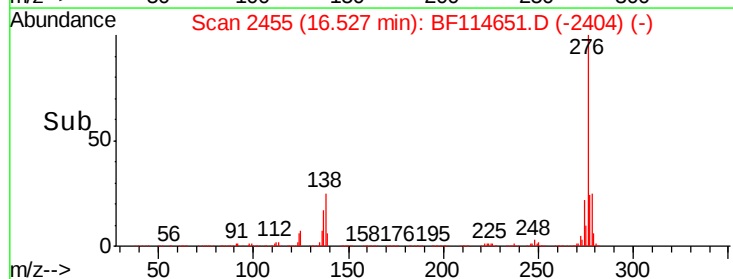
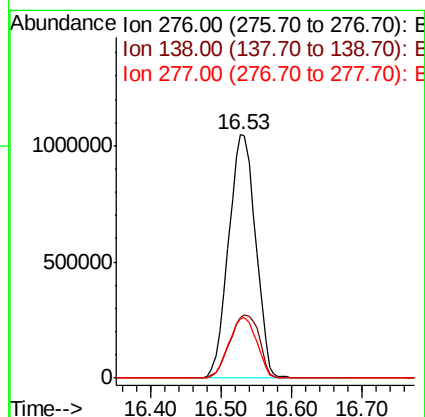
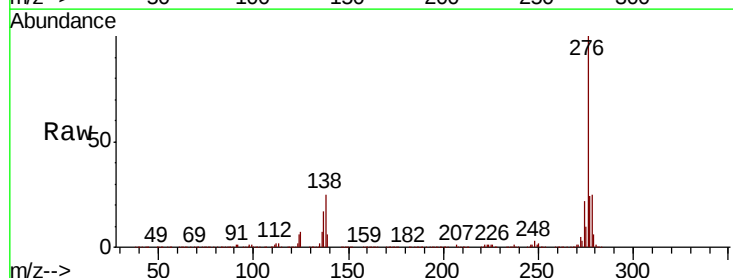
Instrument :
BNA_F
ClientSampleId :

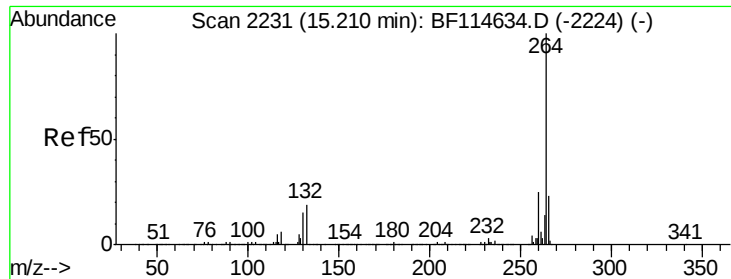
Tot Ion:149 Resp: 3402749
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.7 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 78.655 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:276 Resp: 2788444
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.6
277 25.6 20.5 30.7



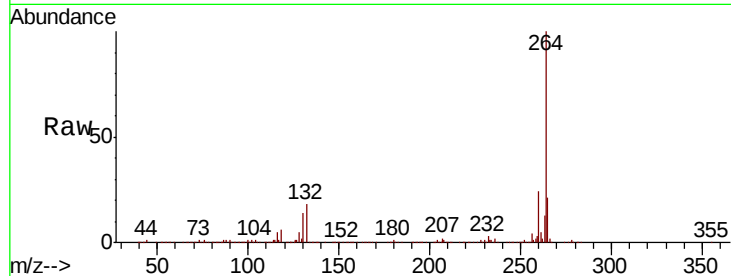


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 419918

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.2	18.1	27.1

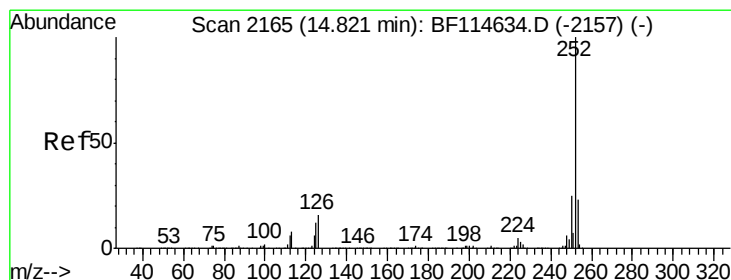
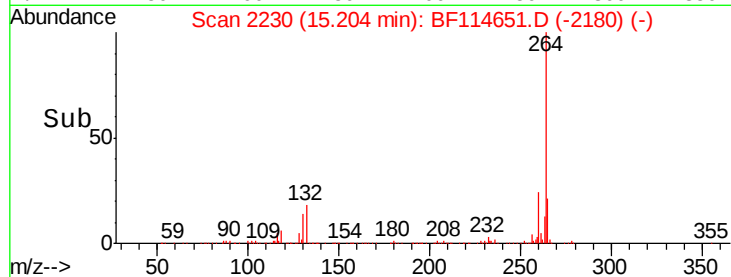
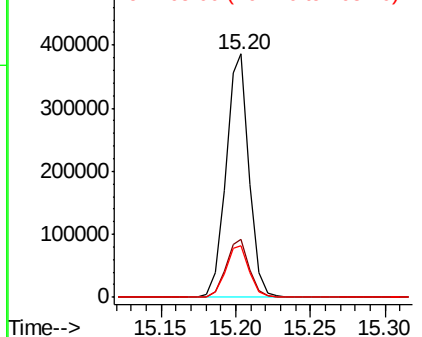


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

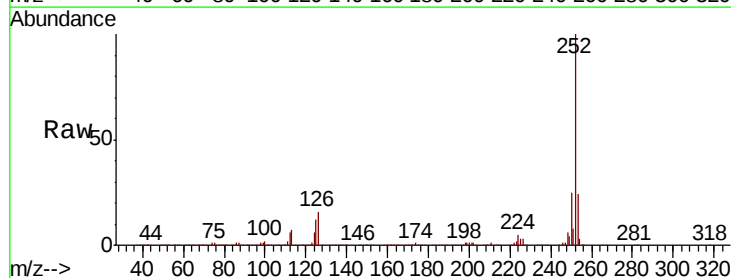
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 113.472 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:252 Resp: 3001113

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	11.6	9.4	14.2

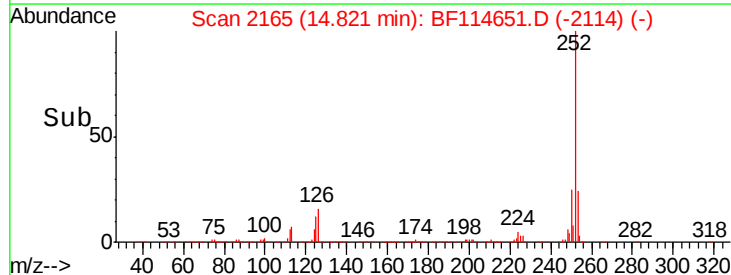
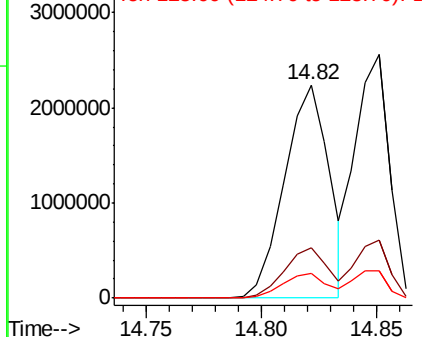


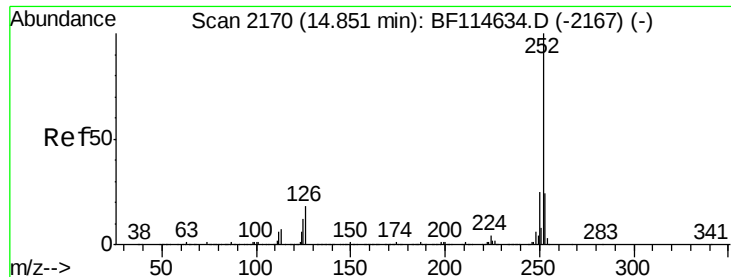
Abundance

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: 114.304 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

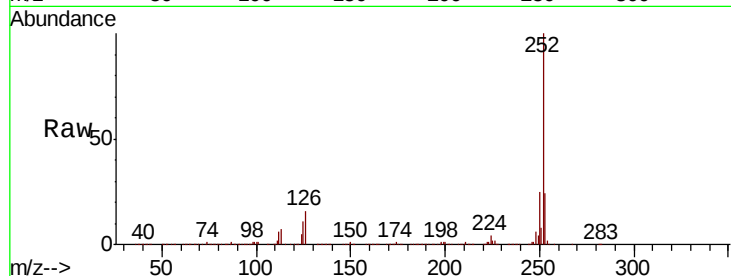
Tot Ion:252 Resp: 2627625

Ion Ratio Lower Upper

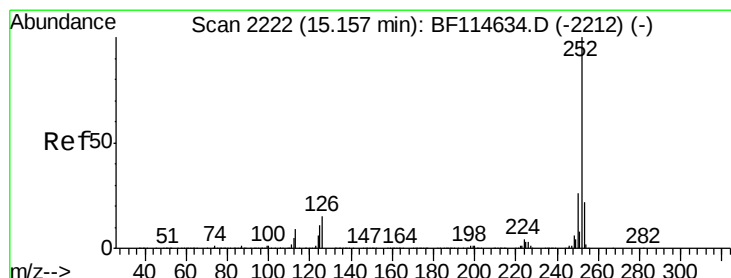
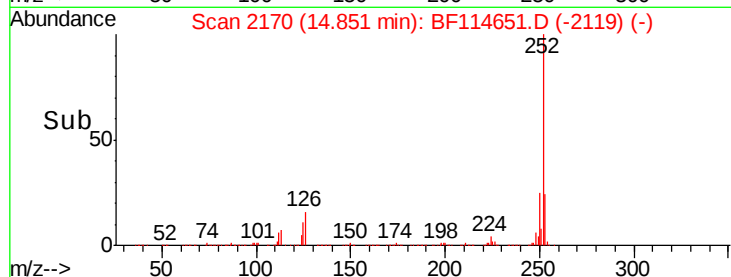
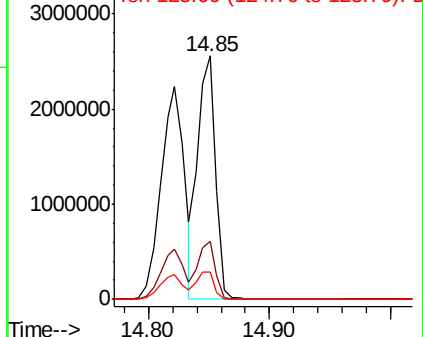
252 100

253 23.6 18.9 28.3

125 11.4 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: 116.641 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

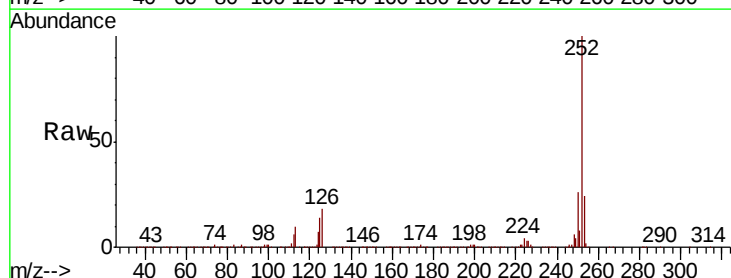
Tgt Ion:252 Resp: 2710074

Ion Ratio Lower Upper

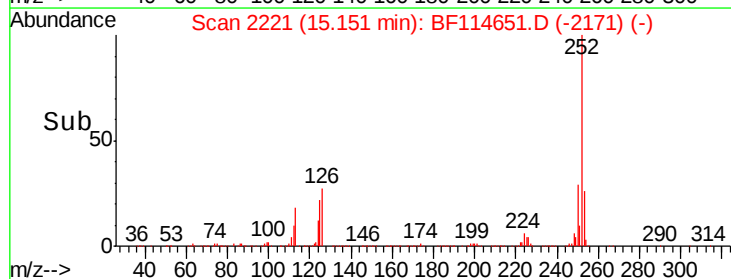
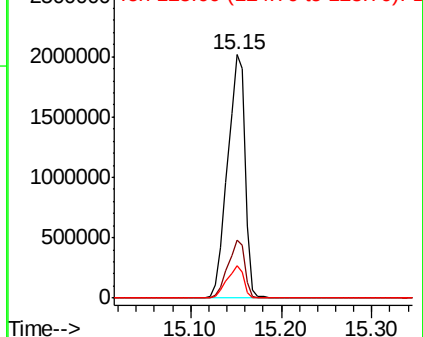
252 100

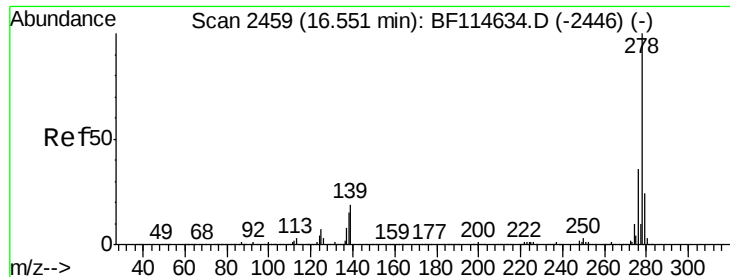
253 23.8 18.0 27.0

125 13.6 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: 113.058 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

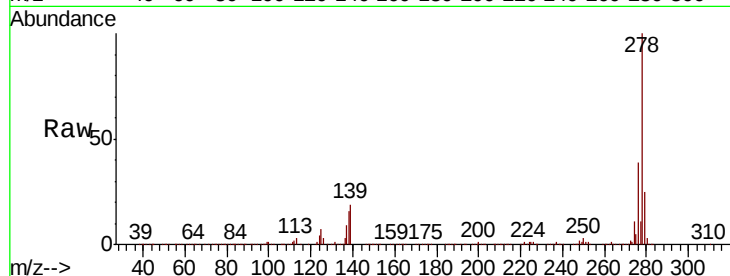
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2321219

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.9	22.3
279	25.0	19.5	29.3

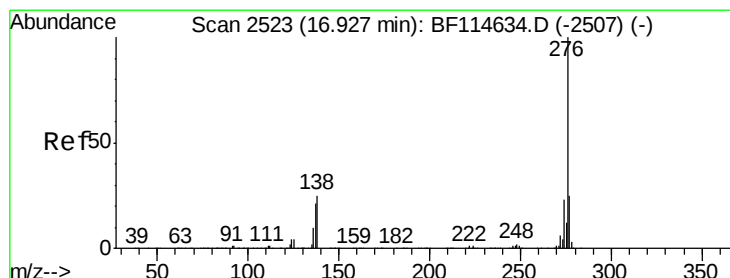
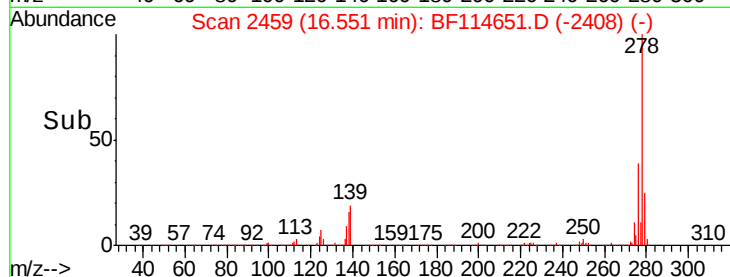
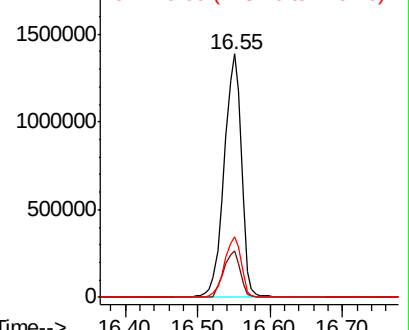


Abundance

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: 115.438 ng

RT: 16.93 min Scan# 2523

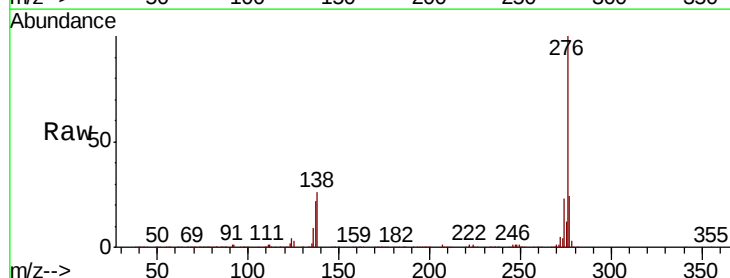
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:276 Resp: 2300326

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	25.8	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

