

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114657.D
 Acq On : 30 May 2019 13:34
 Operator : HP/JU
 Sample : PB118819BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:25:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	498435	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1983387	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	969105	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1768932	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1086179	20.00	ng	0.00
87) Perylene-d12	15.21	264	1171165	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2890397	101.81	ng	0.03
7) Phenol-d6	6.34	99	3560706	104.08	ng	0.01
23) Nitrobenzene-d5	7.26	82	2539150	79.87	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	976215	105.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4263251	73.09	ng	0.00
79) Terphenyl-d14	12.78	244	4238879	73.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	467464	34.313	ng	98
3) Pyridine	3.17	79	1291835	32.582	ng	98
4) n-Nitrosodimethylamine	3.12	42	533712	33.264	ng	96
6) Aniline	6.36	93	1167347	22.590	ng	95
8) 2-Chlorophenol	6.48	128	1180209	35.998	ng	96
9) Benzaldehyde	6.23	77	367463	18.826	ng	99
10) Phenol	6.35	94	1378372	33.353	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	1106831	35.014	ng	96
12) 1,3-Dichlorobenzene	6.63	146	1269314	33.982	ng	96
13) 1,4-Dichlorobenzene	6.71	146	1270964	33.917	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1174402	34.424	ng	100
15) Benzyl Alcohol	6.84	79	957271	35.573	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1626887	33.555	ng	99
17) 2-Methylphenol	6.96	107	999001	36.026	ng	99
18) Hexachloroethane	7.21	117	481948	33.969	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	808349	34.232	ng	99
20) 3+4-Methylphenols	7.11	107	1111772	34.089	ng	# 87
22) Acetophenone	7.10	105	1568257	37.110	ng	97
24) Nitrobenzene	7.27	77	1206228	35.719	ng	98
25) Isophorone	7.52	82	2253517	35.322	ng	100
26) 2-Nitrophenol	7.59	139	633344	38.529	ng	99
27) 2,4-Dimethylphenol	7.64	122	1101630	40.296	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	1418089	34.917	ng	99
29) 2,4-Dichlorophenol	7.83	162	1023175	36.770	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	1132288	35.716	ng	100
31) Naphthalene	8.00	128	3253628	35.614	ng	99
32) Benzoic acid	7.77	122	764500	43.054	ng	98
33) 4-Chloroaniline	8.05	127	790352	18.158	ng	98
34) Hexachlorobutadiene	8.13	225	615759	34.963	ng	99
35) Caprolactam	8.42	113	193113	20.564	ng	99
36) 4-Chloro-3-methylphenol	8.53	107	1023675	36.683	ng	96
37) 2-Methylnaphthalene	8.69	142	2263694	37.293	ng	98
38) 1-Methylnaphthalene	8.79	142	2159130	37.543	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	929696	36.024	ng	99

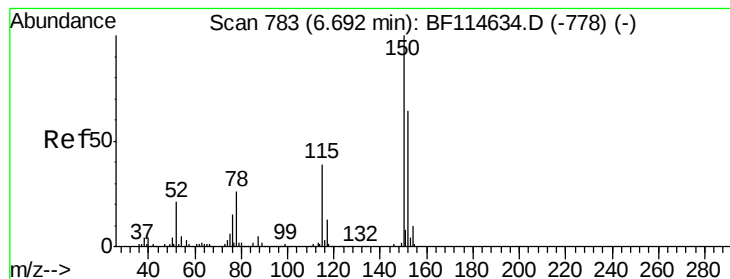
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1081220	63.398	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	748575	36.863	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	736327	36.337	ng	99
46) 1,1'-Biphenyl	9.15	154	2580550	35.872	ng	100
47) 2-Chloronaphthalene	9.17	162	2106878	35.704	ng	100
48) 2-Nitroaniline	9.26	65	613282	33.678	ng	99
49) Acenaphthylene	9.59	152	3150001	34.553	ng	98
50) Dimethylphthalate	9.46	163	2331679	34.529	ng	100
51) 2,6-Dinitrotoluene	9.51	165	565218	36.021	ng	98
52) Acenaphthene	9.76	154	2170590	38.824	ng	99
53) 3-Nitroaniline	9.67	138	407034	21.195	ng	97
54) 2,4-Dinitrophenol	9.78	184	506577	81.847	ng	97
55) Dibenzofuran	9.93	168	2779182	34.922	ng	98
56) 4-Nitrophenol	9.84	139	980774	68.916	ng	95
57) 2,4-Dinitrotoluene	9.91	165	747526	37.120	ng	92
58) Fluorene	10.27	166	1906174	35.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	617776	37.245	ng	100
60) Diethylphthalate	10.16	149	2345115	34.002	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	952180	35.417	ng	99
62) 4-Nitroaniline	10.29	138	579546	30.969	ng	98
63) Azobenzene	10.42	77	2174032	34.333	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	307631	39.220	ng	81
66) n-Nitrosodiphenylamine	10.38	169	1923472	36.803	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	680497	35.873	ng	99
68) Hexachlorobenzene	10.82	284	729112	35.486	ng	98
69) Atrazine	10.91	200	589840	35.820	ng	99
70) Pentachlorophenol	11.00	266	826499	69.783	ng	98
71) Phenanthrene	11.22	178	2988434	33.118	ng	99
72) Anthracene	11.27	178	3069309	33.608	ng	98
73) Carbazole	11.42	167	2765170	34.451	ng	100
74) Di-n-butylphthalate	11.77	149	3298652	33.825	ng	99
75) Fluoranthene	12.40	202	3071625	32.874	ng	99
77) Benzidine	12.52	184	1119228	25.024	ng	99
78) Pyrene	12.63	202	3093844	33.672	ng	99
80) Butylbenzylphthalate	13.26	149	1526281	33.053	ng	100
81) Benzo(a)anthracene	13.81	228	2776689	33.266	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	885992	27.486	ng	100
83) Chrysene	13.84	228	2695563	33.801	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	1852704	32.454	ng	100
85) Di-n-octyl phthalate	14.43	149	3297807	33.248	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2747354	34.397	ng	99
88) Benzo(b)fluoranthene	14.82	252	3088665	41.872	ng	99
89) Benzo(k)fluoranthene	14.85	252	2380798	37.134	ng	99
90) Benzo(a)pyrene	15.16	252	2653405	40.947	ng	98
91) Dibenzo(a,h)anthracene	16.55	278	2269430	39.632	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2238988	40.286	ng	99

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

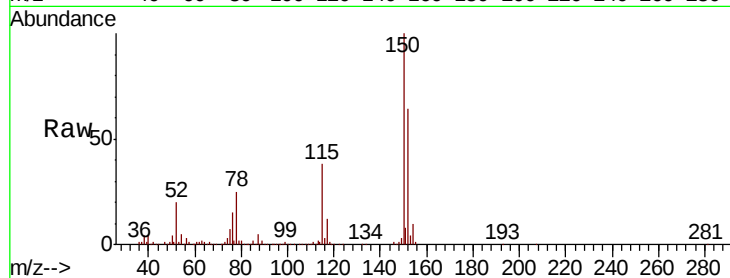


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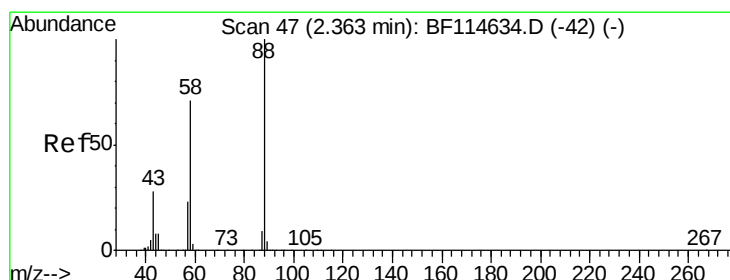
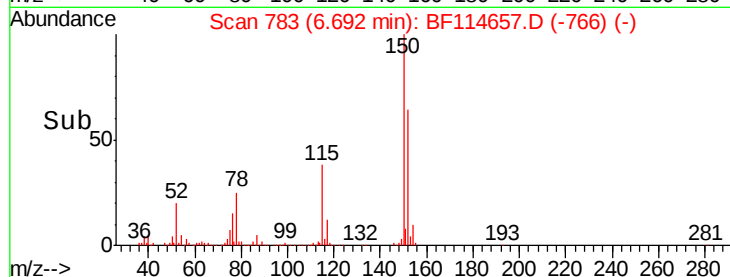
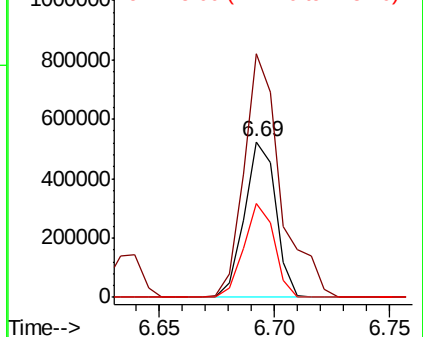
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 498435
Ion Ratio Lower Upper
152 100
150 156.7 124.4 186.6
115 60.3 48.7 73.1



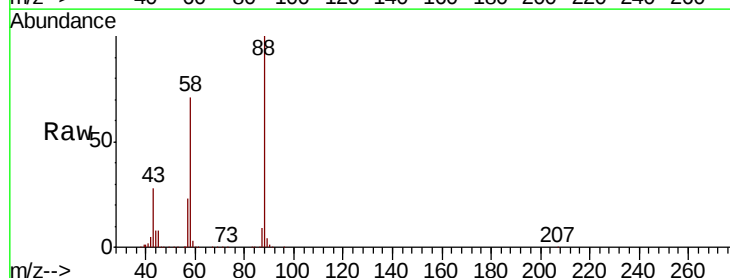
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



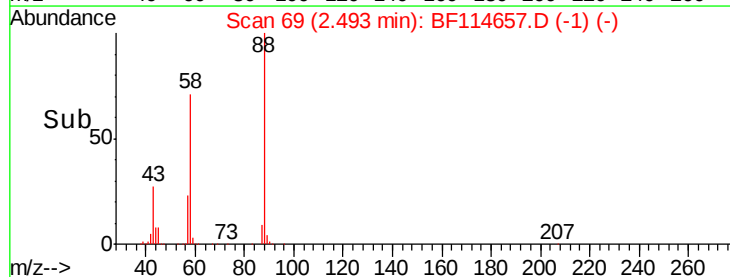
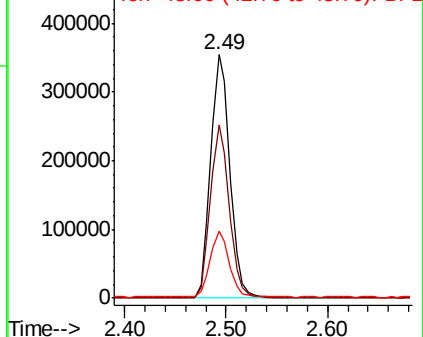
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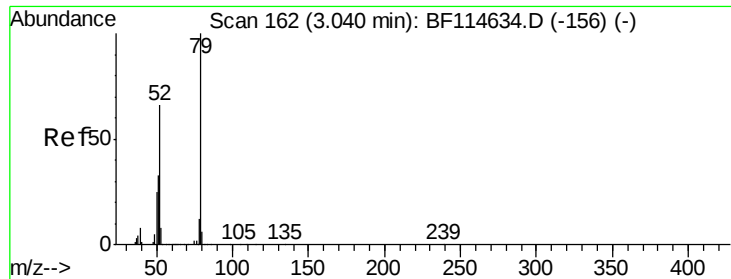
1,4-Dioxane
Concen: 34.313 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.13 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion: 88 Resp: 467464
Ion Ratio Lower Upper
88 100
58 70.0 57.2 85.8
43 26.9 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: 32.582 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.13 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

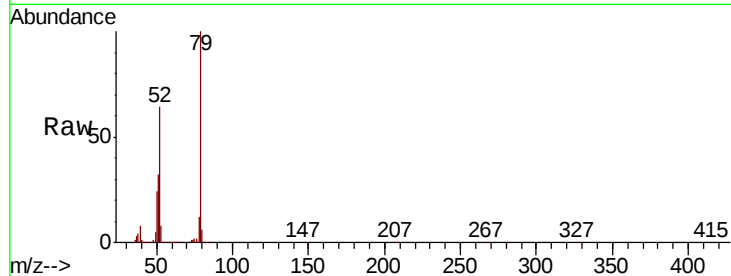
Tot Ion: 79 Resp: 1291835

Ion Ratio Lower Upper

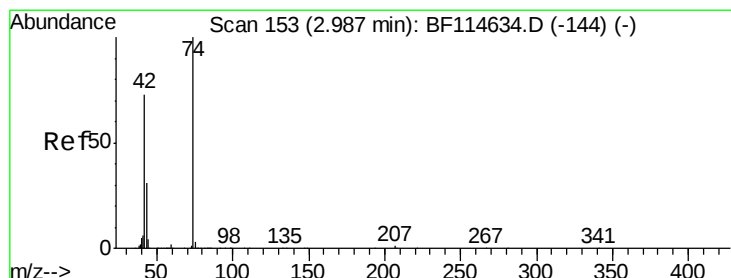
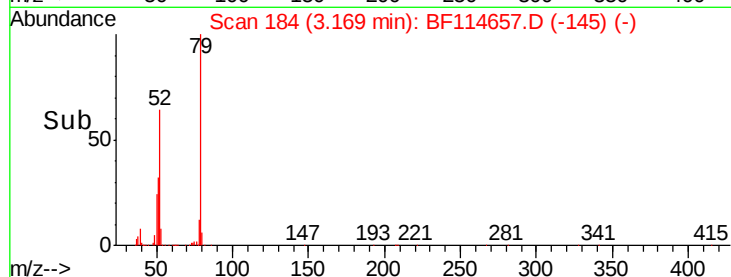
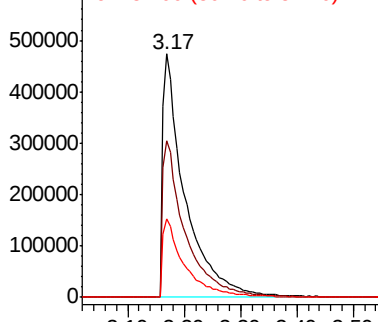
79 100

52 64.4 52.8 79.2

51 32.0 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: 33.264 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.13 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

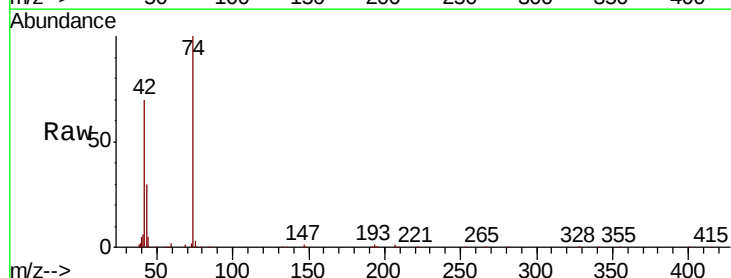
Tgt Ion: 42 Resp: 533712

Ion Ratio Lower Upper

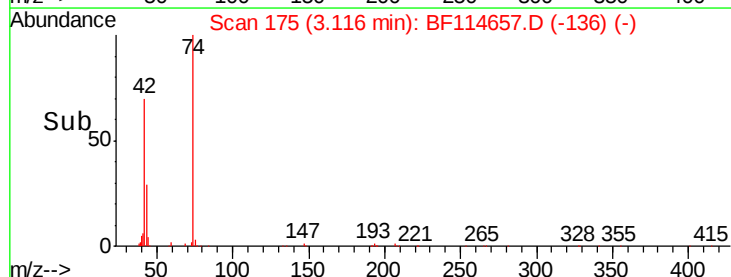
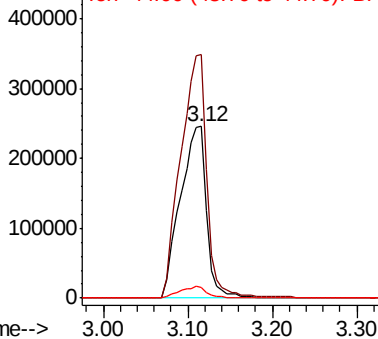
42 100

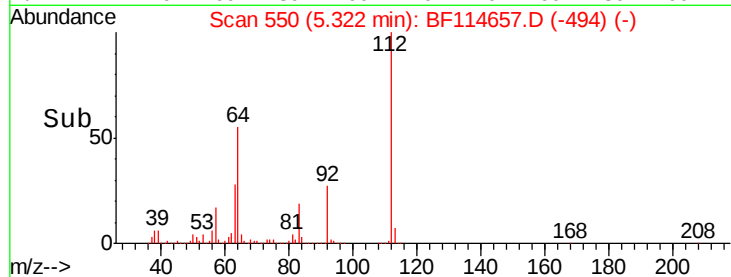
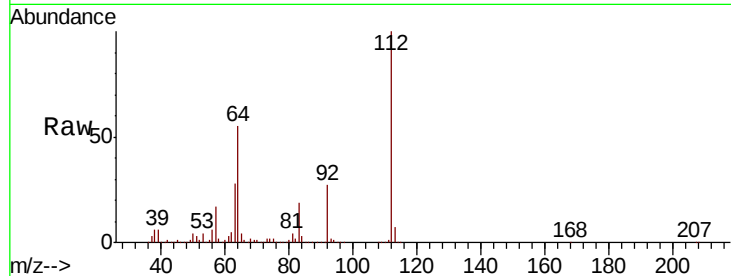
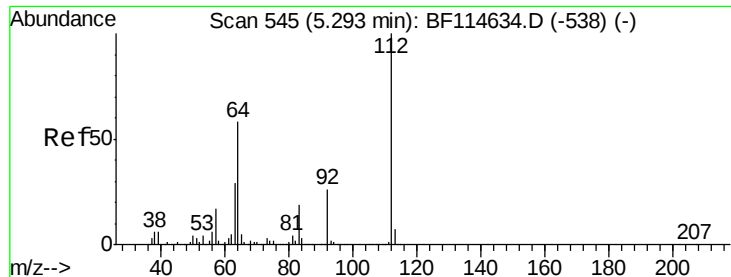
74 141.9 110.0 165.0

44 6.5 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: 101.813 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.03 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

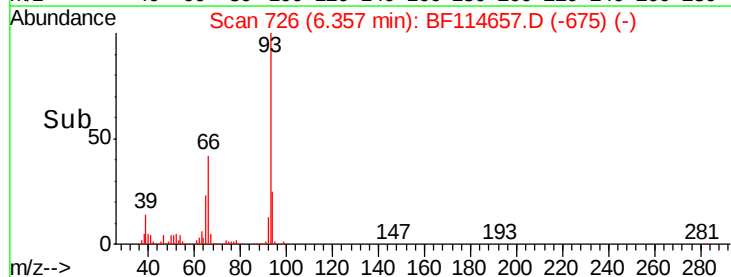
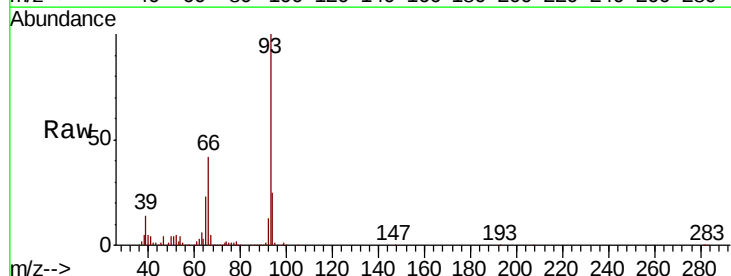
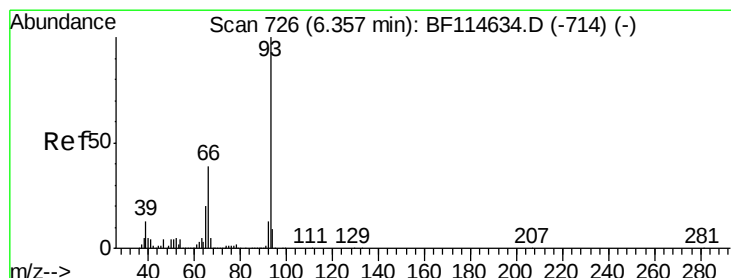
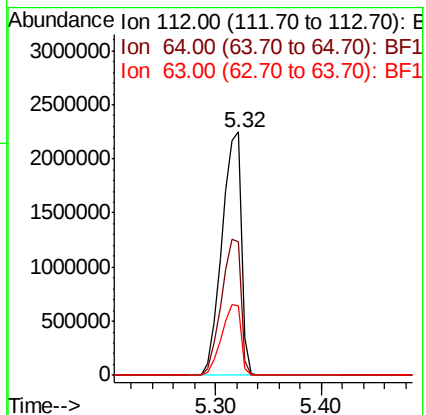
Tot Ion:112 Resp: 2890397

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

63 28.5 23.4 35.2



#6

Aniline

Concen: 22.590 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

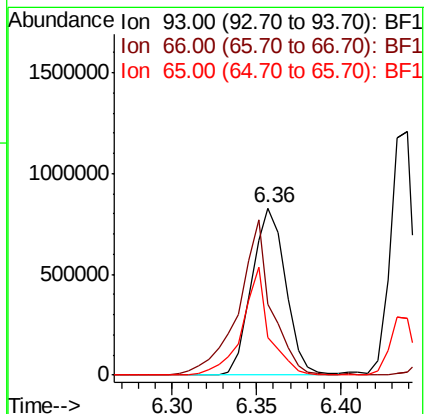
Tgt Ion: 93 Resp: 1167347

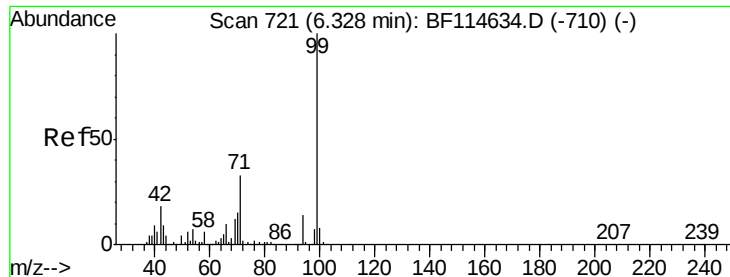
Ion Ratio Lower Upper

93 100

66 42.2 31.4 47.2

65 22.8 16.2 24.2





#7

Phenol-d6

Concen: 104.083 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

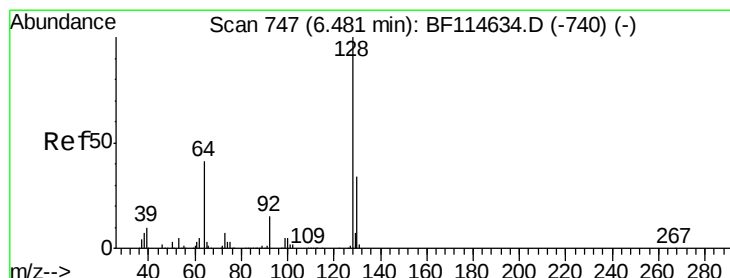
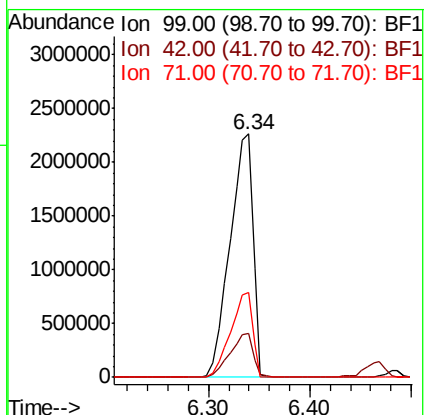
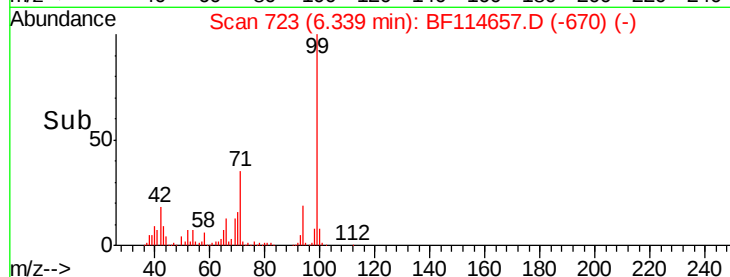
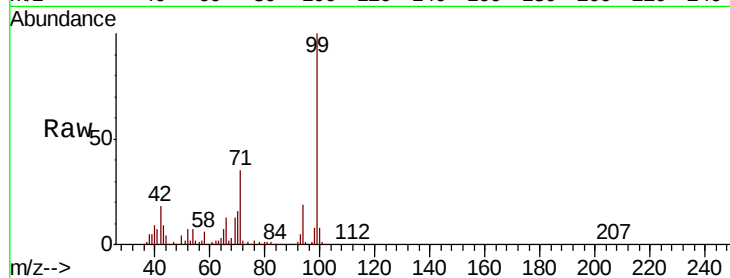
Tot Ion: 99 Resp: 3560706

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 34.9 26.6 40.0



#8

2-Chlorophenol

Concen: 35.998 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

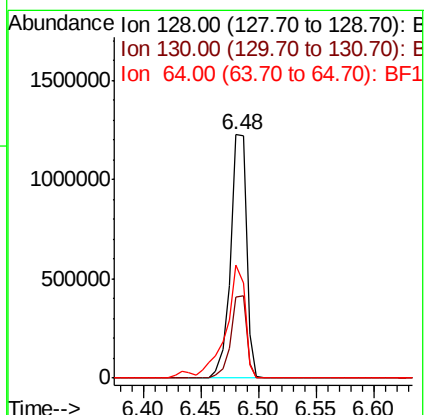
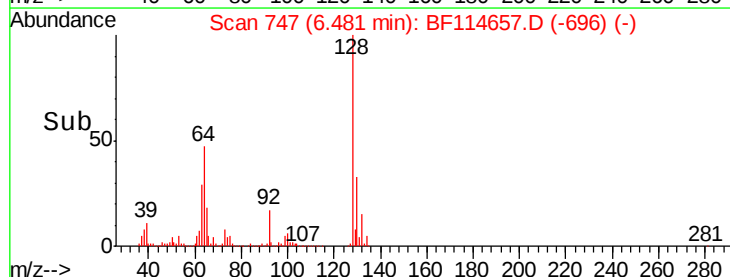
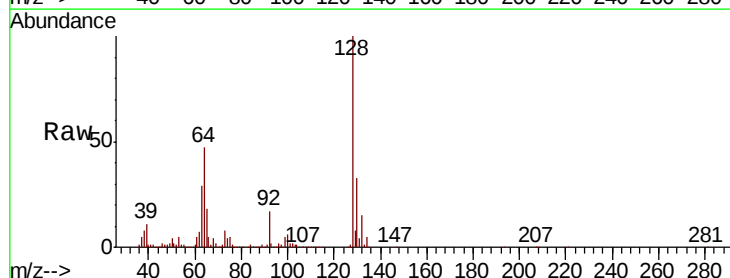
Tgt Ion: 128 Resp: 1180209

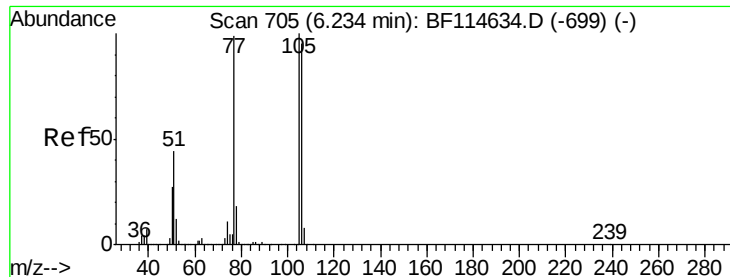
Ion Ratio Lower Upper

128 100

130 33.4 13.9 53.9

64 46.6 22.0 62.0





#9

Benzaldehyde

Concen: 18.826 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampled :

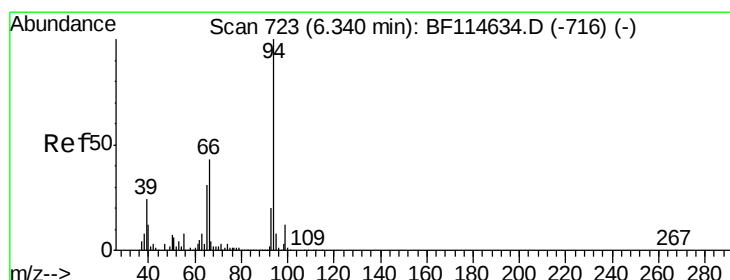
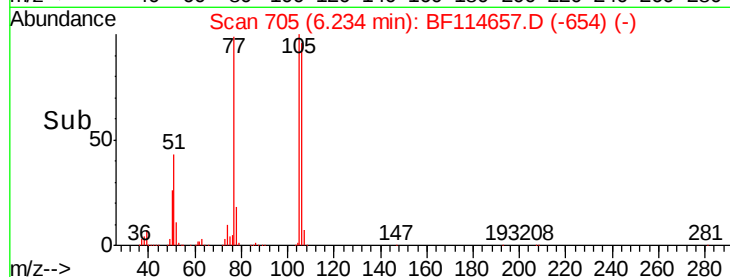
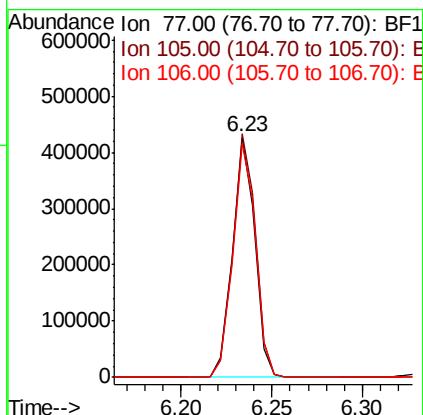
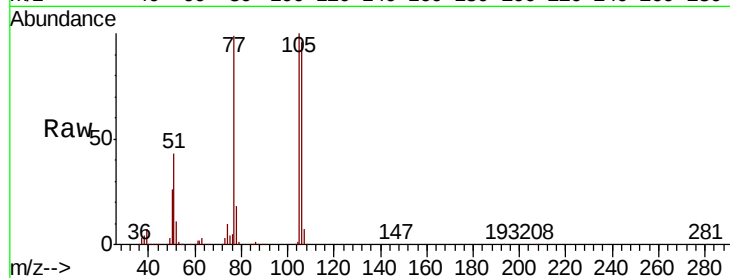
Tot Ion: 77 Resp: 367463

Ion Ratio Lower Upper

77 100

105 101.4 80.8 120.8

106 97.3 76.2 116.2



#10

Phenol

Concen: 33.353 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

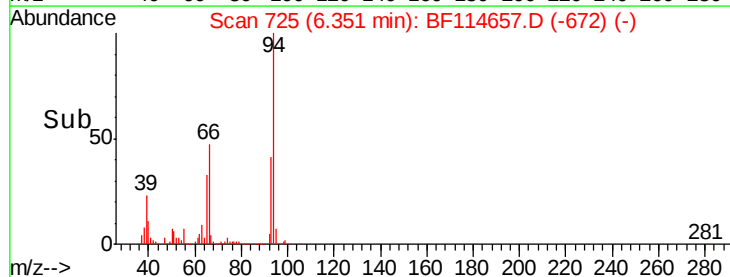
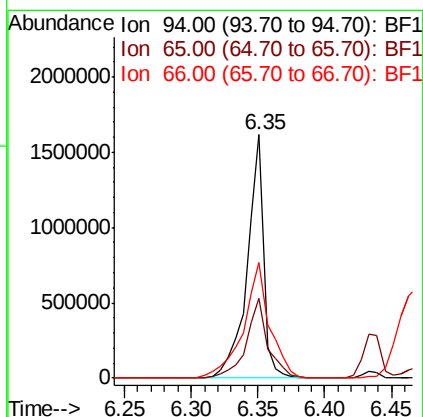
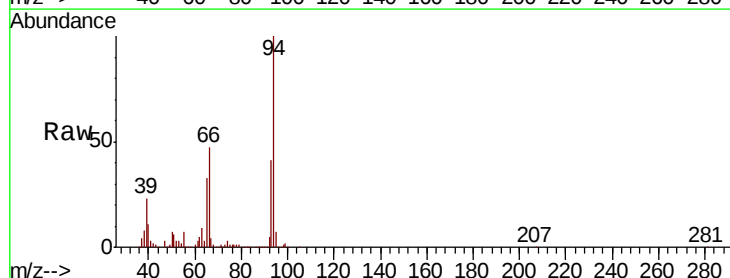
Tgt Ion: 94 Resp: 1378372

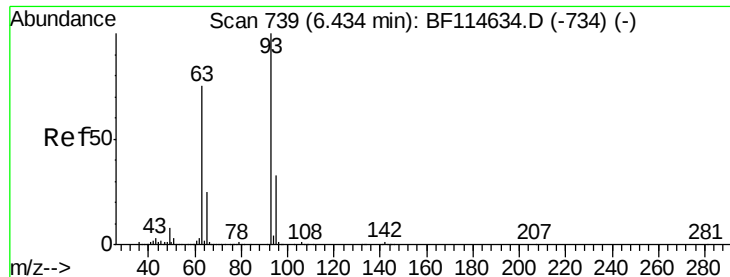
Ion Ratio Lower Upper

94 100

65 32.9 11.0 51.0

66 47.5 23.0 63.0



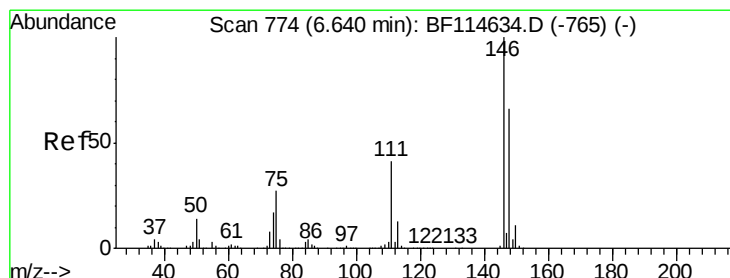
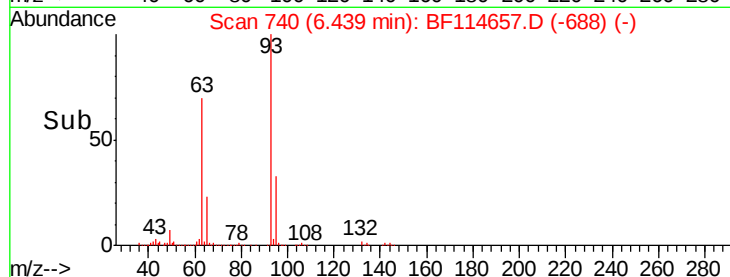
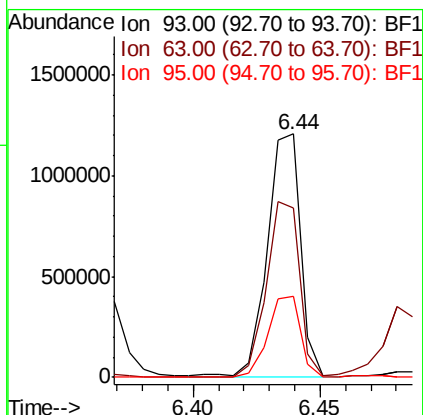
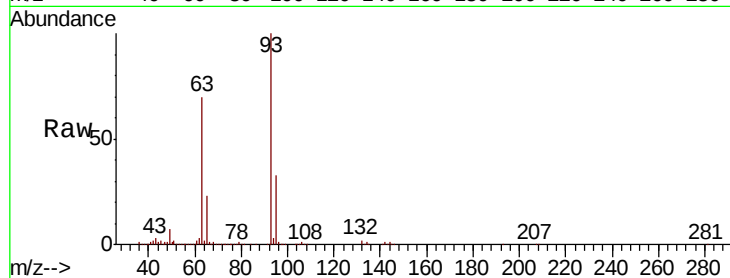


#11

bis(2-Chloroethyl)ether
Concen: 35.014 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

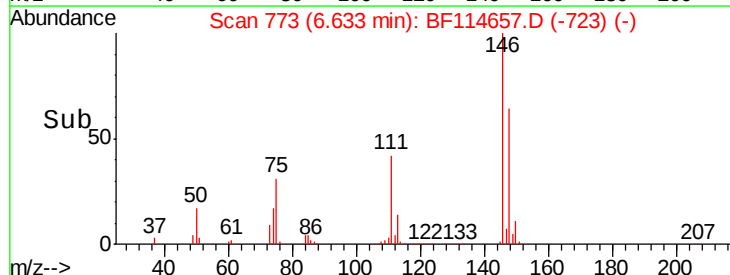
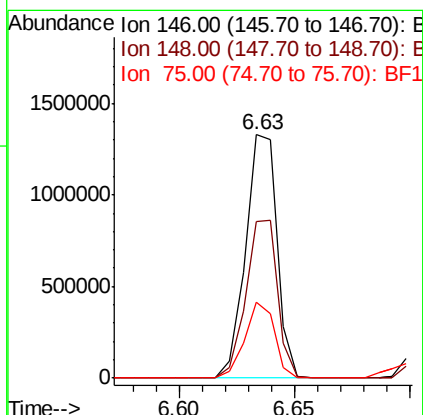
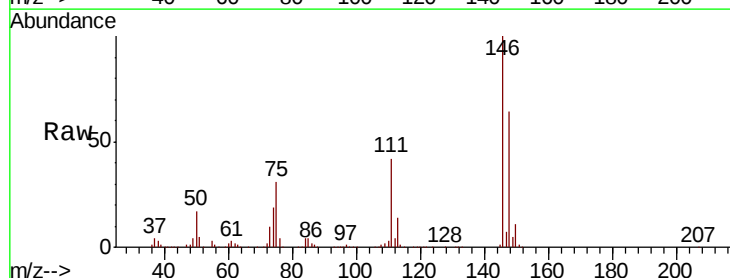
Tot Ion: 93 Resp: 1106831
Ion Ratio Lower Upper
93 100
63 69.6 55.0 95.0
95 33.4 13.5 53.5

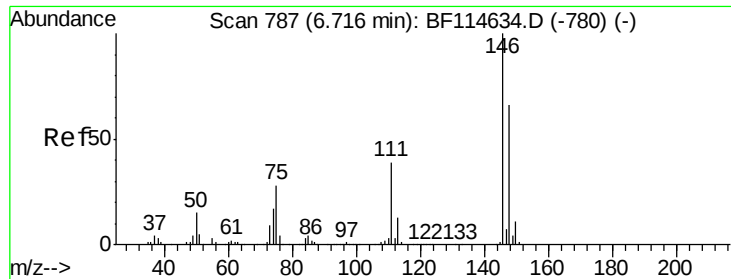


#12

1,3-Dichlorobenzene
Concen: 33.982 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion: 146 Resp: 1269314
Ion Ratio Lower Upper
146 100
148 64.1 52.9 79.3
75 31.1 22.0 33.0

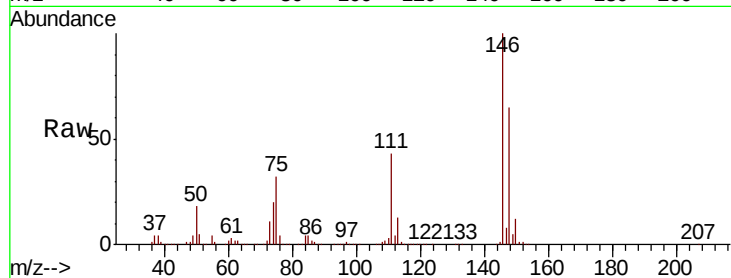




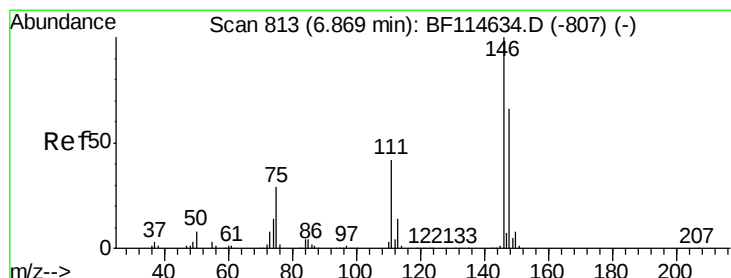
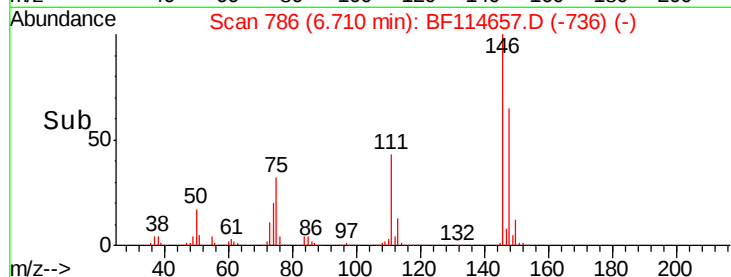
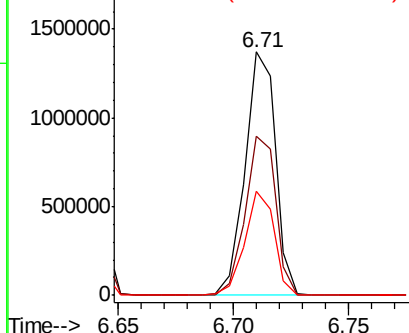
#13
 1,4-Dichlorobenzene
 Concen: 33.917 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1270964
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 42.5 31.4 47.2

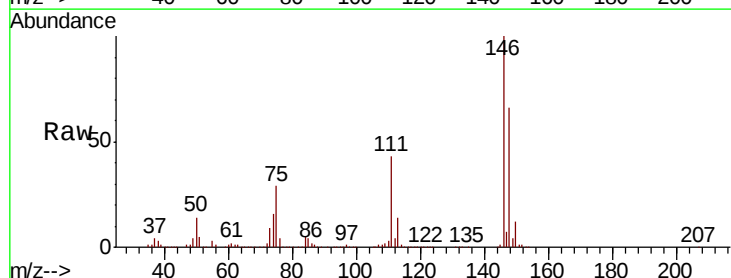


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

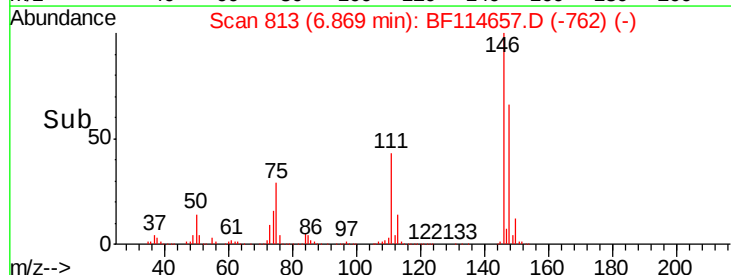
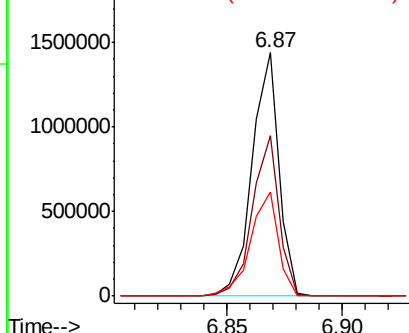


#14
 1,2-Dichlorobenzene
 Concen: 34.424 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Tgt Ion:146 Resp: 1174402
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 111 42.6 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: 35.573 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

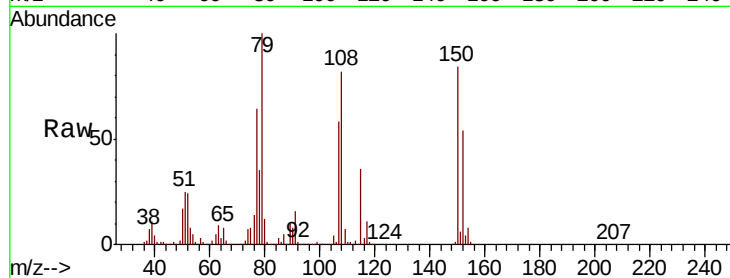
Tot Ion: 79 Resp: 957271

Ion Ratio Lower Upper

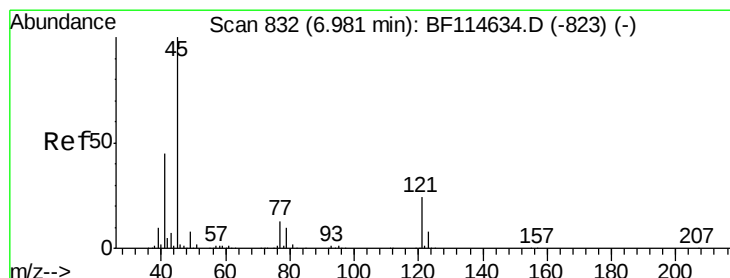
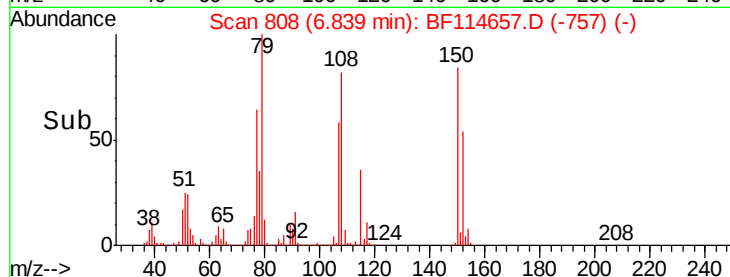
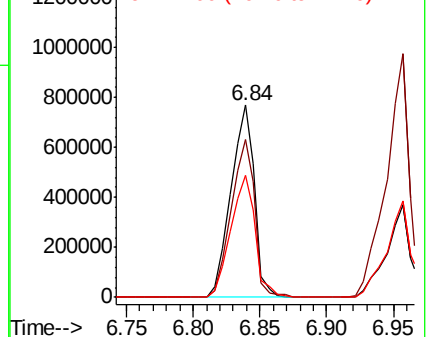
79 100

108 82.2 67.8 101.8

77 63.5 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: 33.555 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

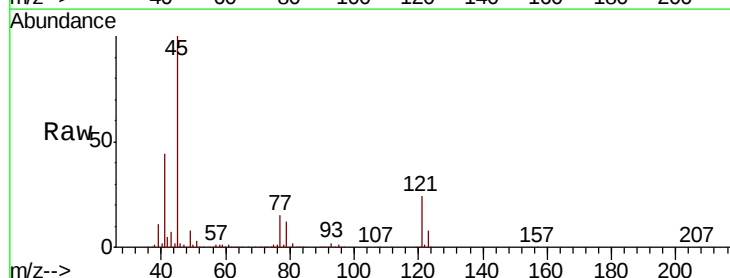
Tgt Ion: 45 Resp: 1626887

Ion Ratio Lower Upper

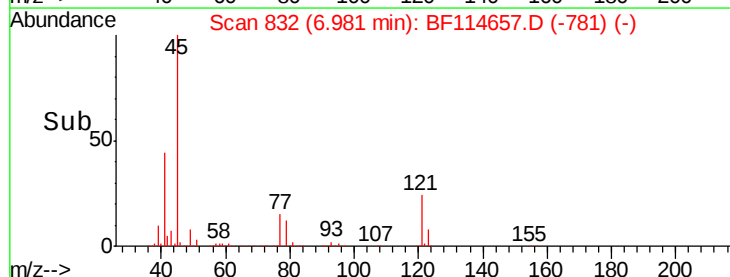
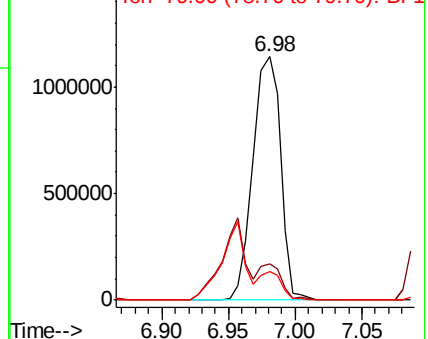
45 100

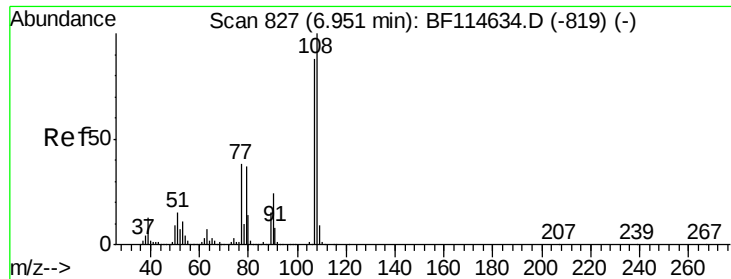
77 14.9 0.0 34.7

79 11.7 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: 36.026 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114657.D

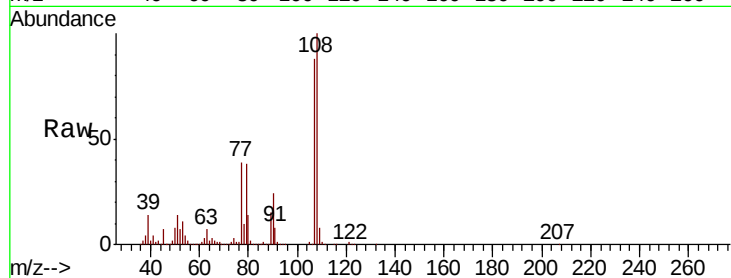
Acq: 30 May 2019 13:34

Instrument :

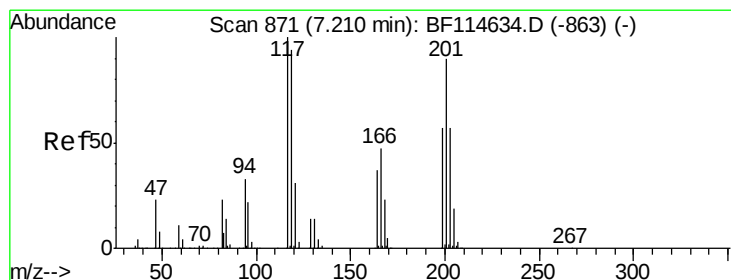
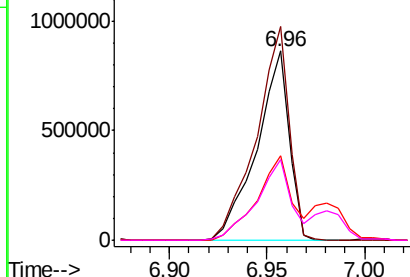
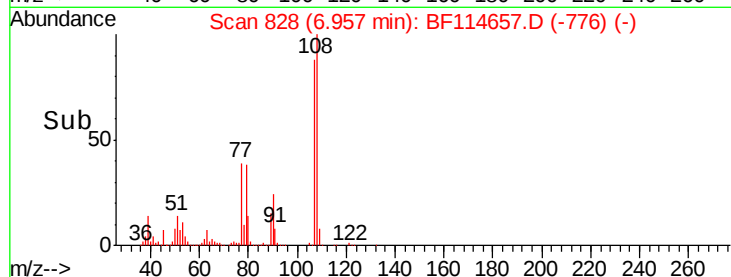
BNA_F

ClientSampled :

Tot Ion:	107	Resp:	999001
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.1	136.7
77	44.6	34.9	52.3
79	43.0	33.8	50.6



Abundance Ion 107.00 (106.70 to 107.70): E
1500000 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: 33.969 ng

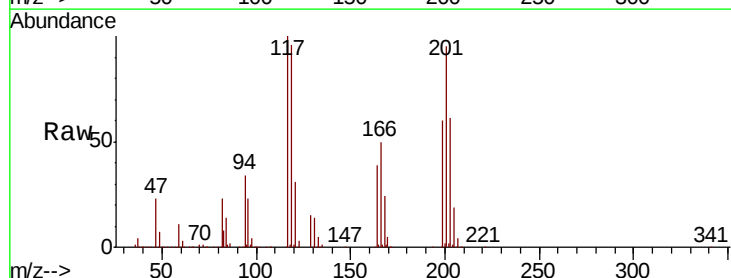
RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

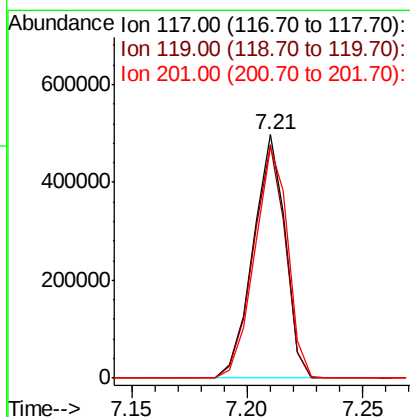
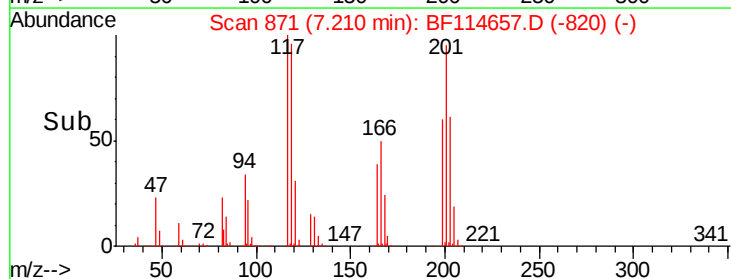
Lab File: BF114657.D

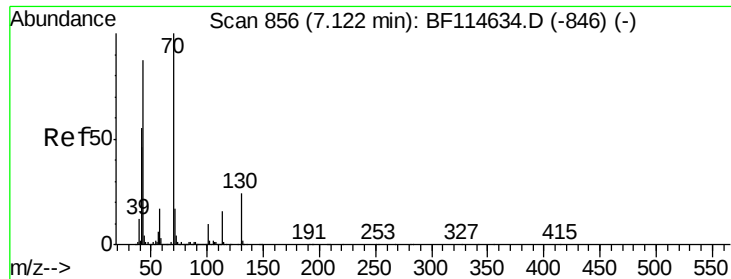
Acq: 30 May 2019 13:34

Tgt Ion:	117	Resp:	481948
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	94.6	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

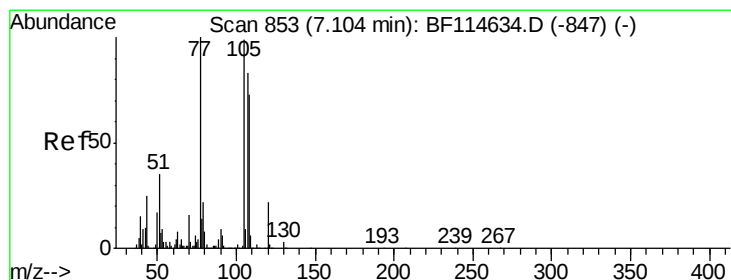
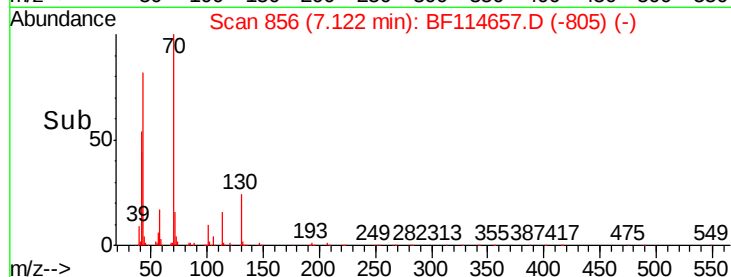
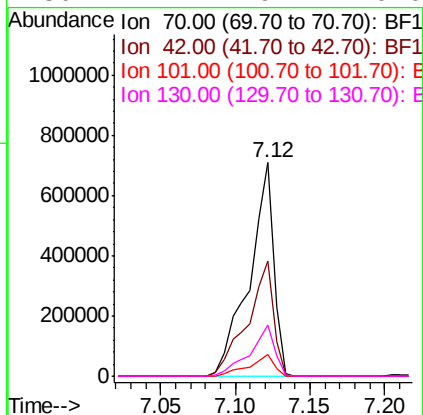
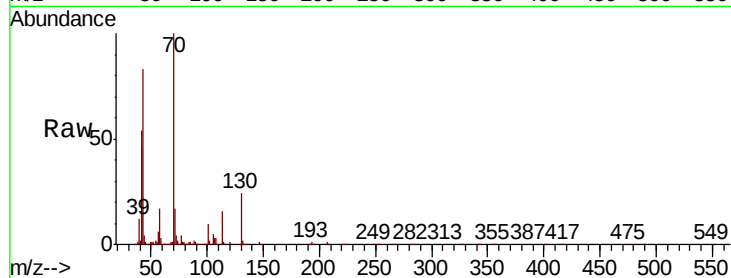




#19
n-Nitroso-di-n-propylamine
Concen: 34.232 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

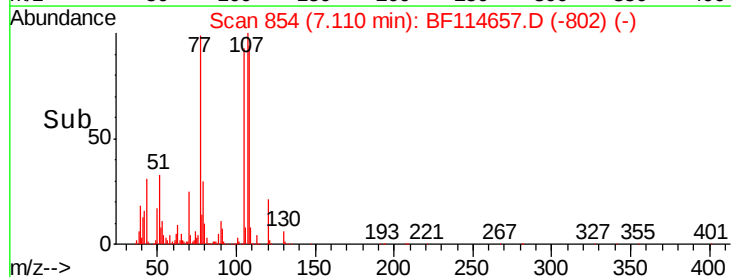
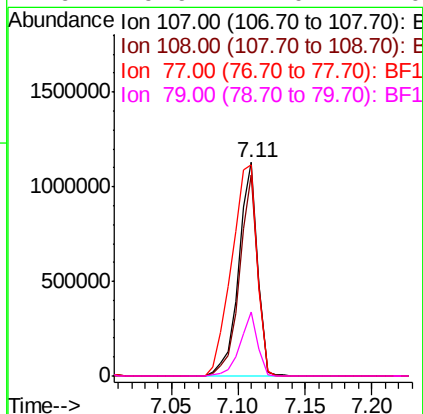
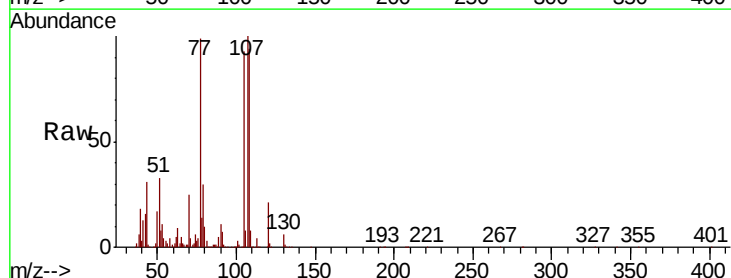
Instrument :
BNA_F
ClientSampleId :

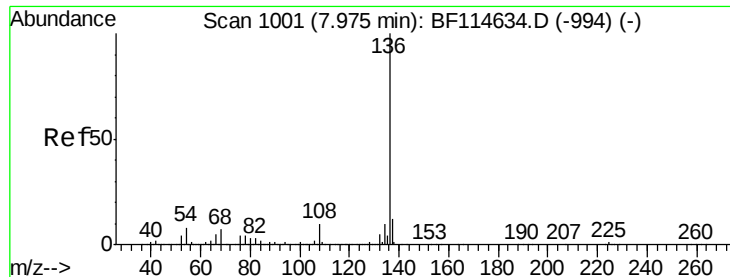
Tot Ion:	70	Resp:	808349
Ion	Ratio	Lower	Upper
70	100		
42	54.1	44.4	66.6
101	10.2	8.2	12.4
130	24.1	19.4	29.0



#20
3+4-Methylphenols
Concen: 34.089 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:	107	Resp:	1111772
Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.6	108.6
77	98.6	100.5	140.5#
79	29.9	7.0	47.0



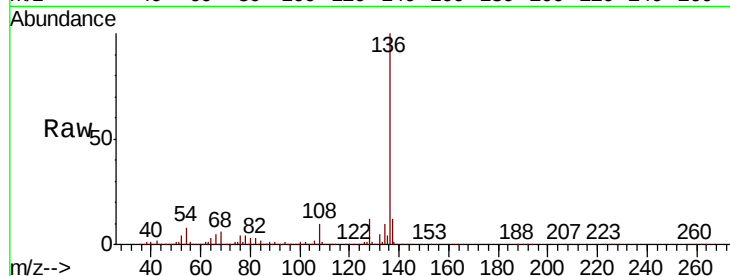


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1983387

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.5	6.3	9.5
68	6.2	5.4	8.0



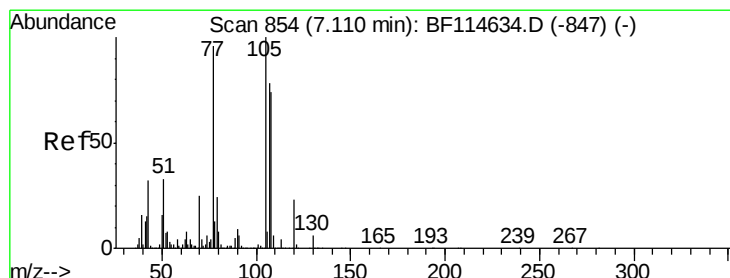
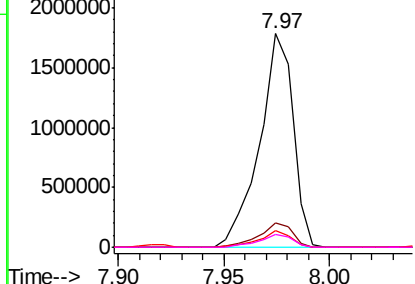
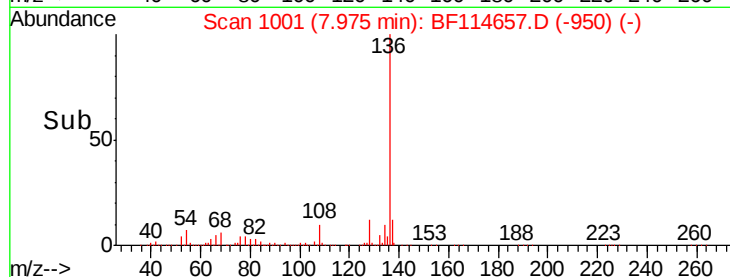
Abundance

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

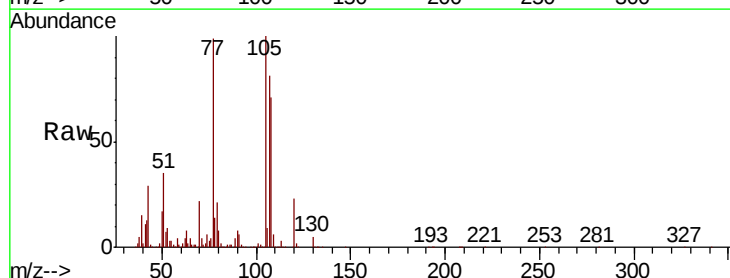
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.110 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:105 Resp: 1568257

Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.6	5.4
51	34.7	26.0	39.0
120	23.2	18.8	28.2



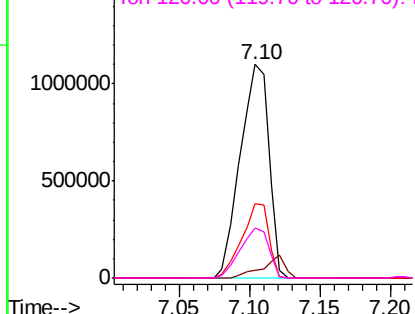
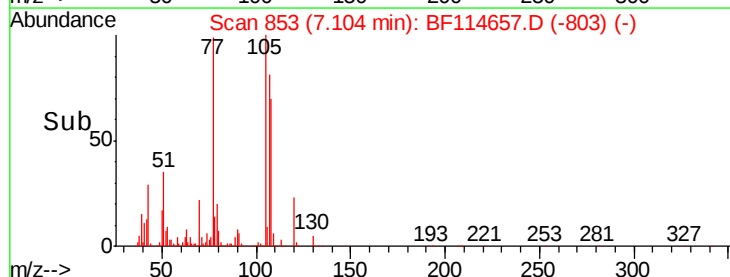
Abundance

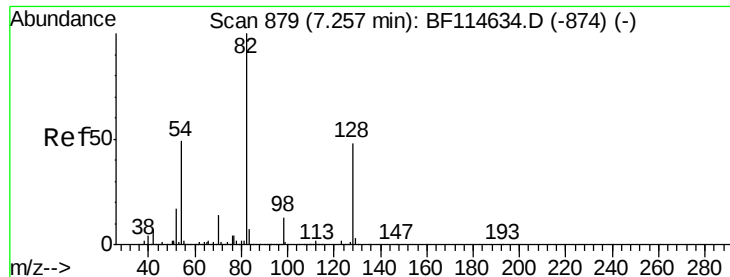
Ion 105.00 (104.70 to 105.70): E

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

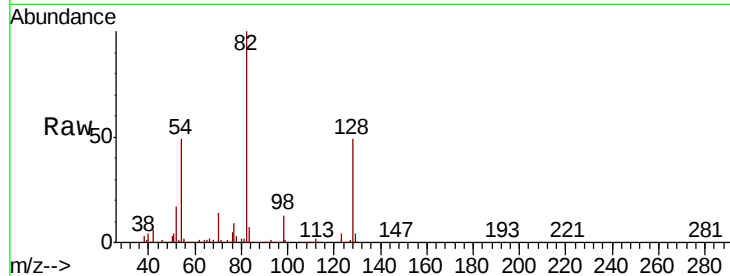




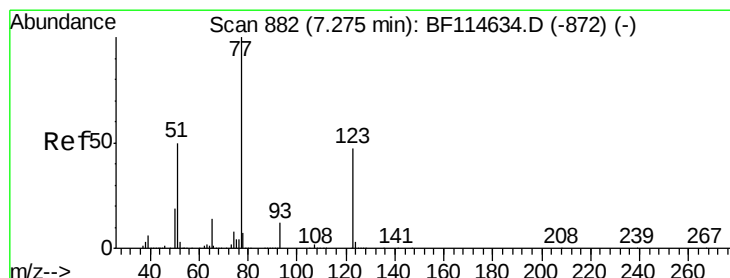
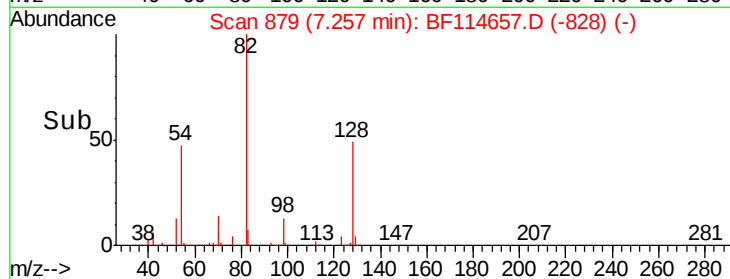
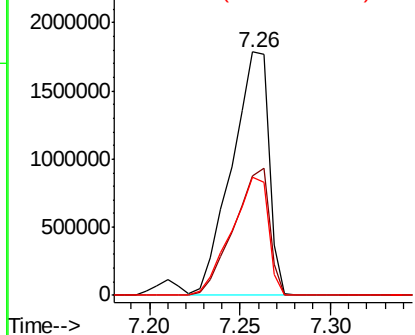
#23
 Nitrobenzene-d5
 Concen: 79.871 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 2539150
 Ion Ratio Lower Upper
 82 100
 128 49.3 38.5 57.7
 54 48.6 39.1 58.7

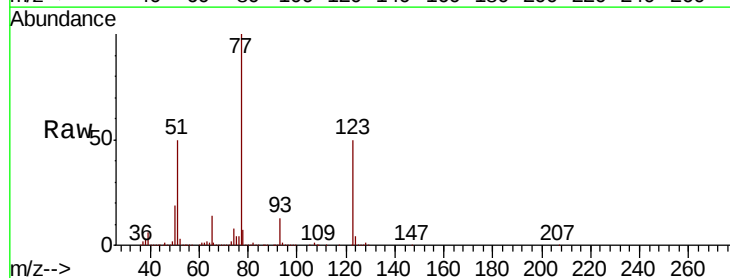


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

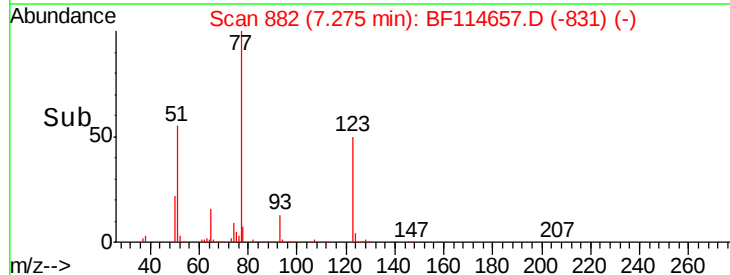
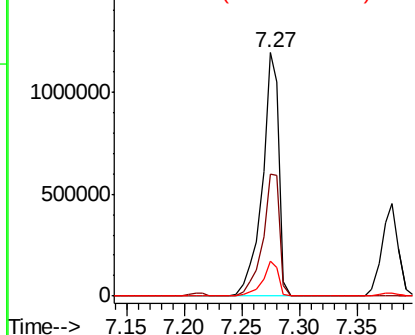


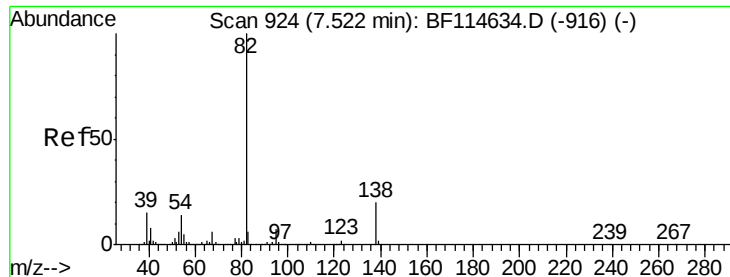
#24
 Nitrobenzene
 Concen: 35.719 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Tgt Ion: 77 Resp: 1206228
 Ion Ratio Lower Upper
 77 100
 123 50.1 38.5 57.7
 65 14.1 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: 35.322 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

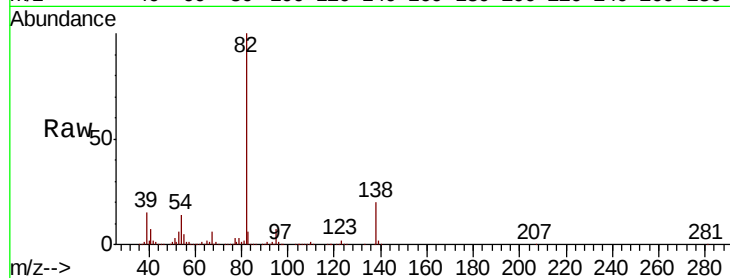
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 2253517

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.9	15.9	23.9

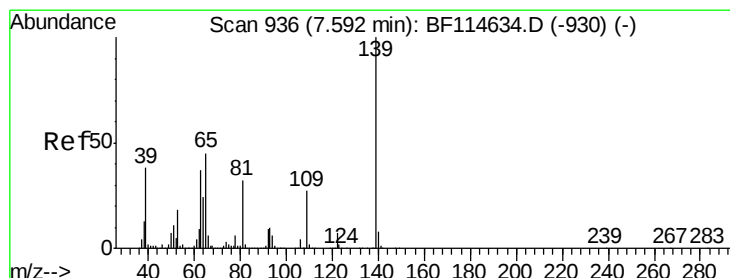
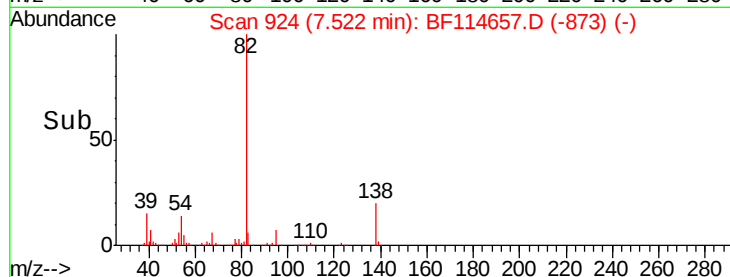
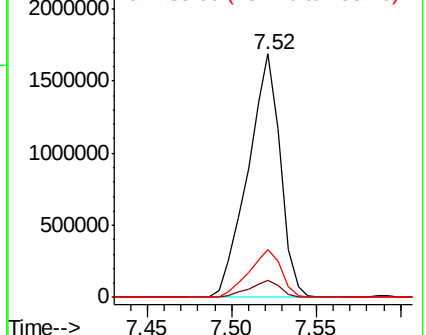


Abundance

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: 38.529 ng

RT: 7.59 min Scan# 936

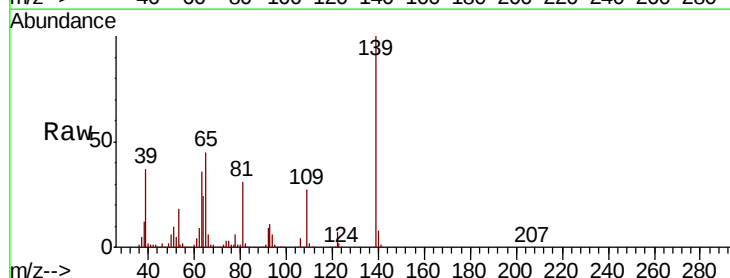
Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Tgt Ion: 139 Resp: 633344

Ion	Ratio	Lower	Upper
139	100		
109	26.9	21.7	32.5
65	44.9	36.3	54.5

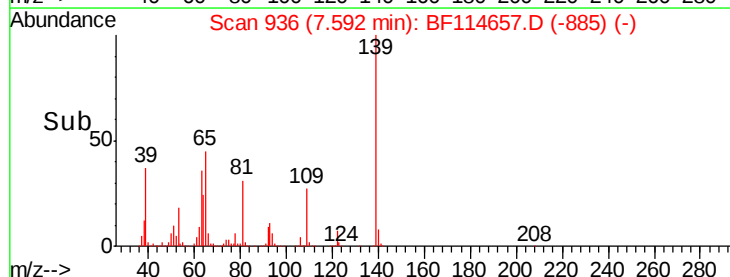
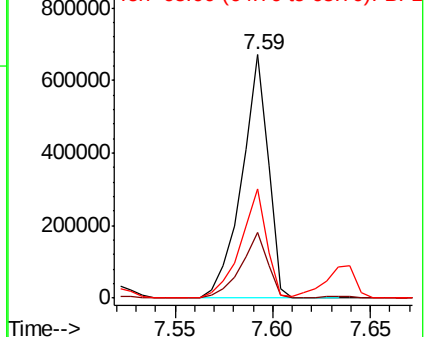


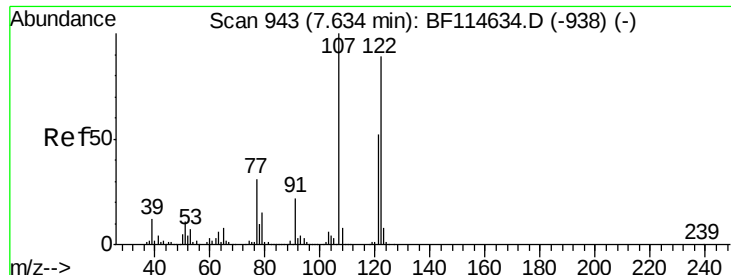
Abundance

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

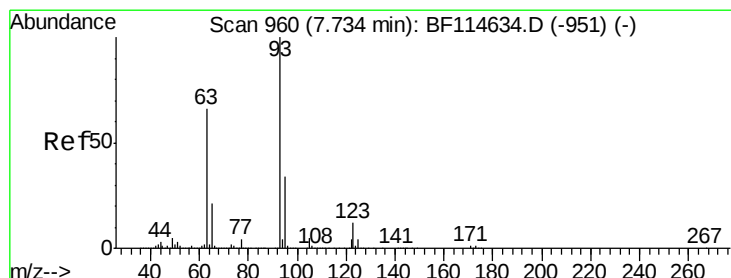
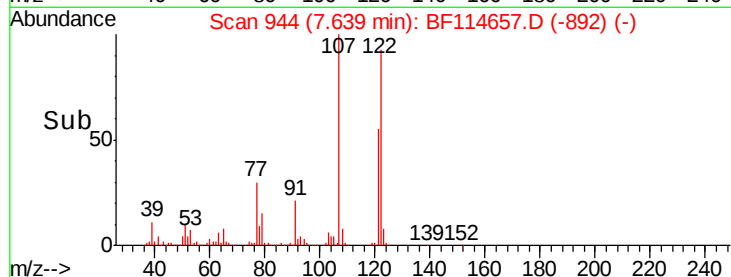
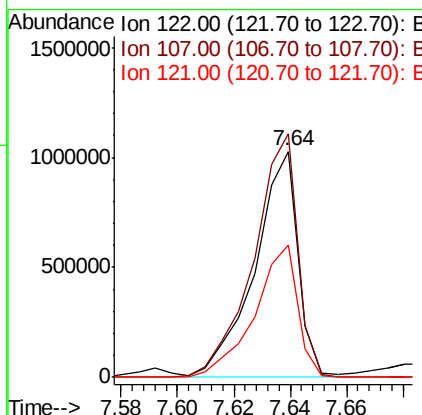
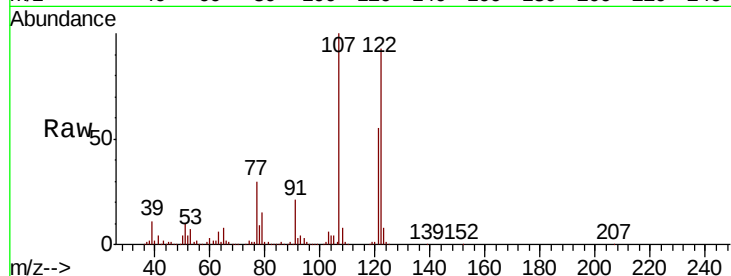




#27
2,4-Dimethylphenol
Concen: 40.296 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

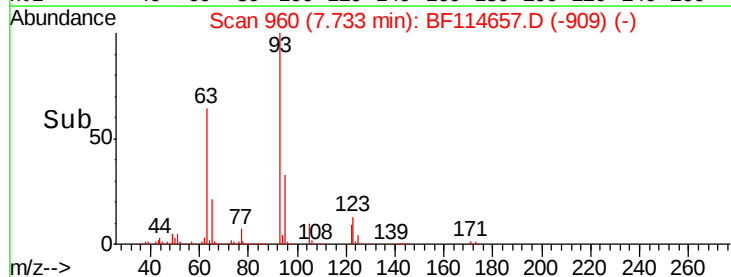
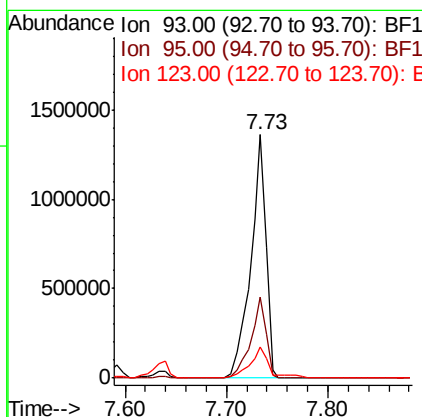
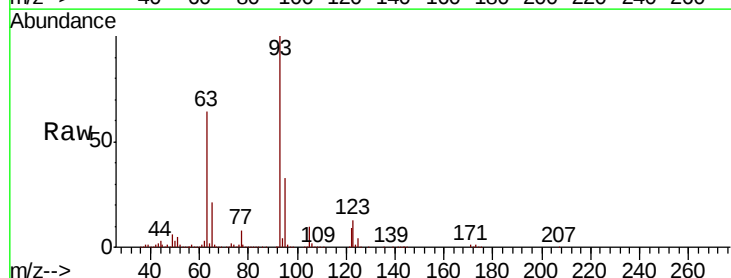
Instrument :
BNA_F
ClientSampled :

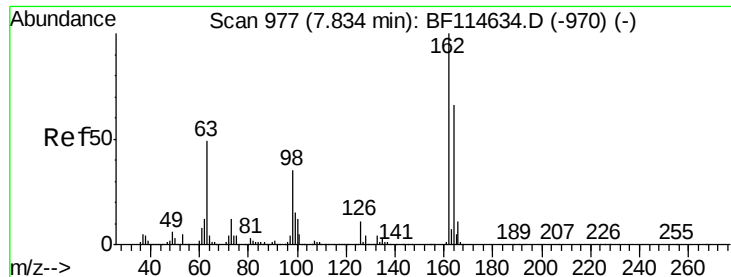
Tot Ion:122 Resp: 1101630
Ion Ratio Lower Upper
122 100
107 107.6 89.3 133.9
121 58.7 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 34.917 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion: 93 Resp: 1418089
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.4
123 12.9 10.2 15.2

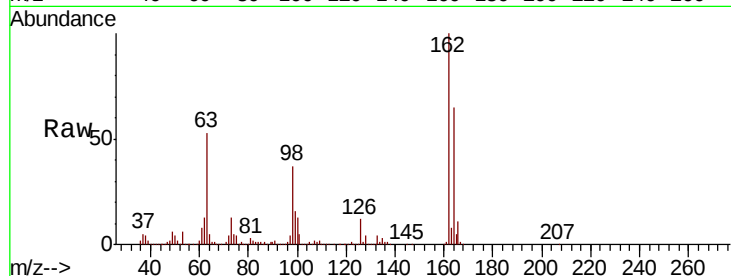




#29
2,4-Dichlorophenol
Concen: 36.770 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.8	85.8
98	37.3	14.9	54.9

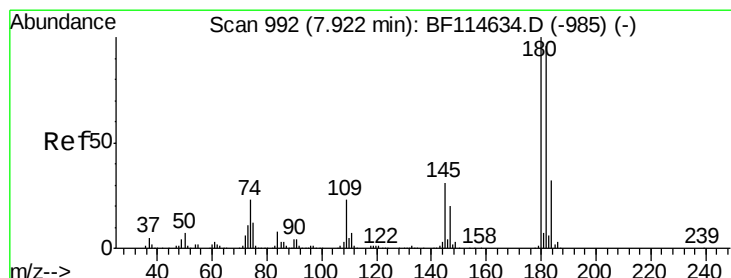
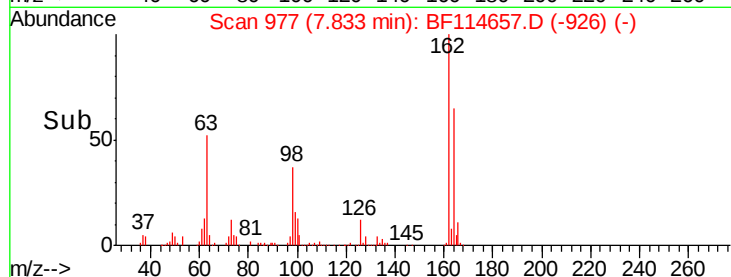
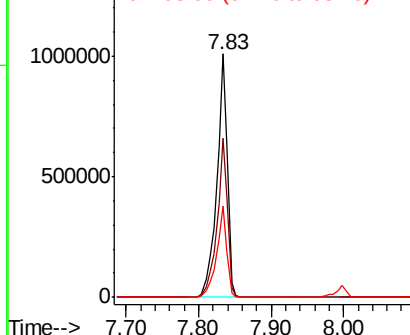


Abundance

Ion 162.00 (161.70 to 162.70): E

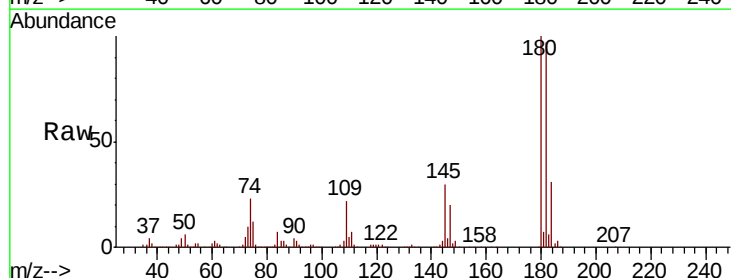
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.716 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.9	115.3
145	30.5	24.5	36.7

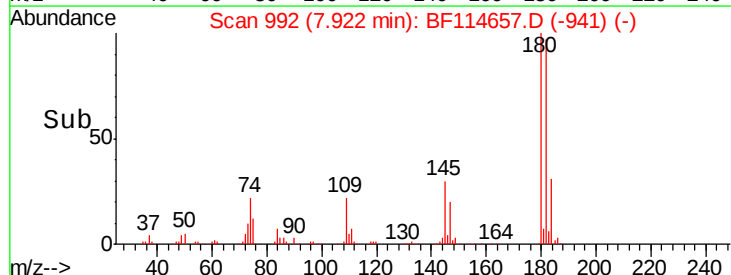
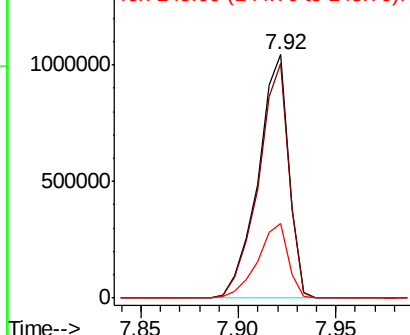


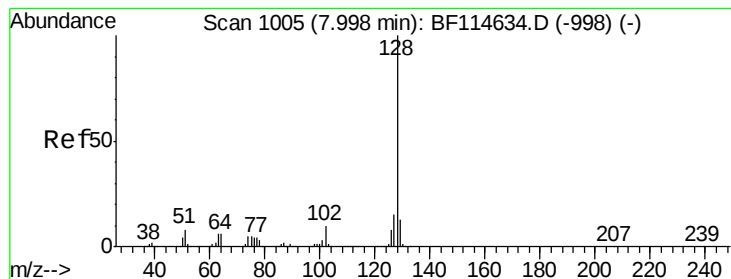
Abundance

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: 35.614 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

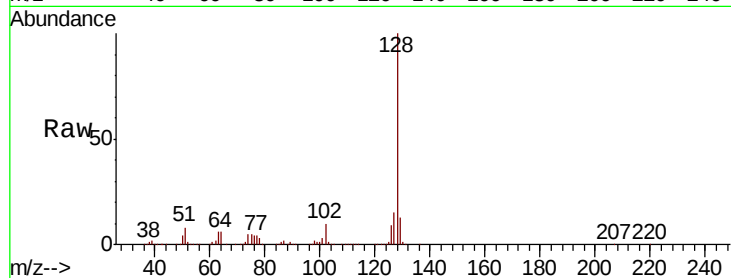
Tot Ion:128 Resp: 3253628

Ion Ratio Lower Upper

128 100

129 13.0 10.2 15.2

127 15.1 11.9 17.9

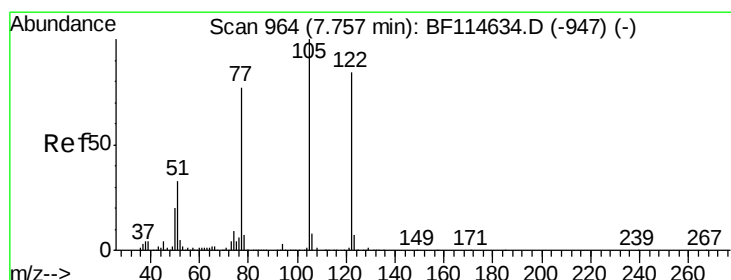
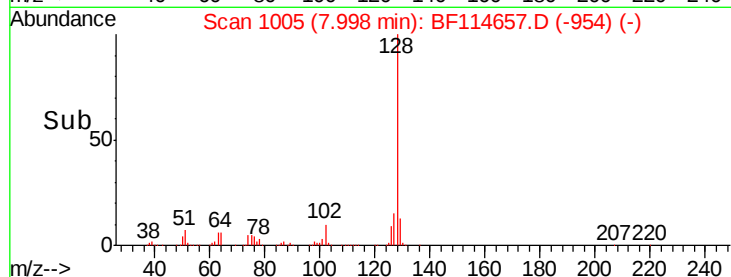
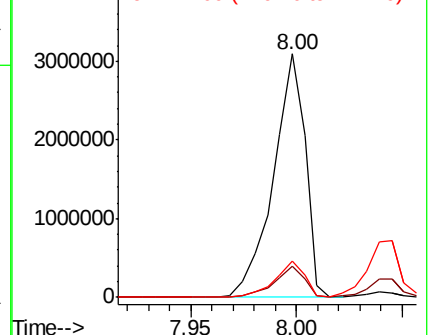


Abundance

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: 43.054 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

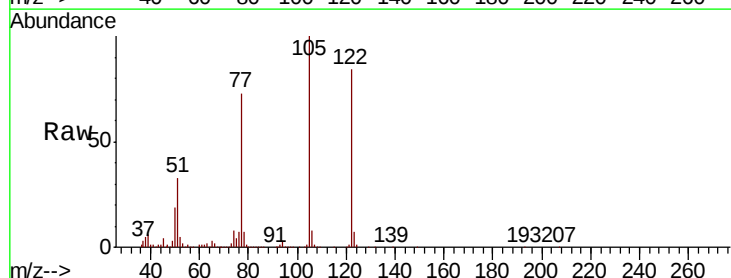
Tgt Ion:122 Resp: 764500

Ion Ratio Lower Upper

122 100

105 119.6 98.3 138.3

77 87.4 70.7 110.7

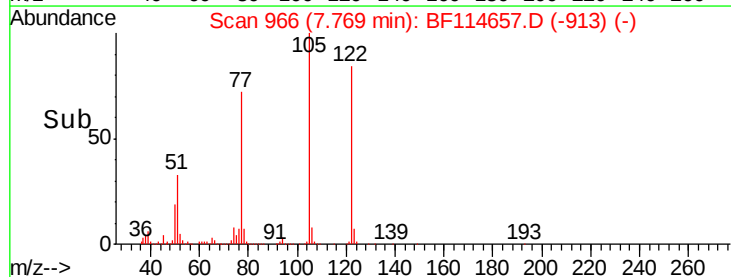
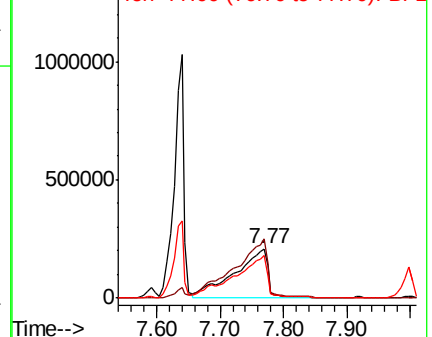


Abundance

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

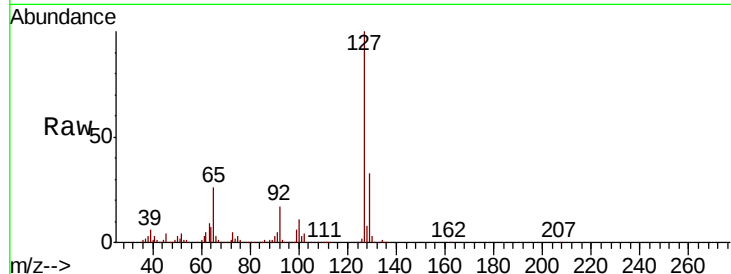




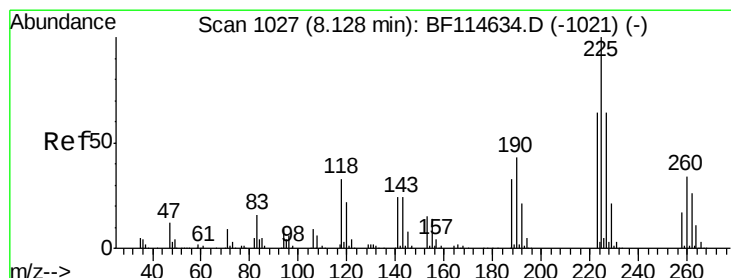
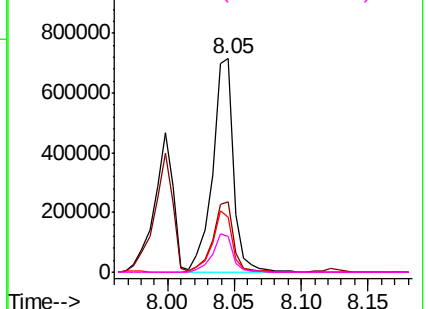
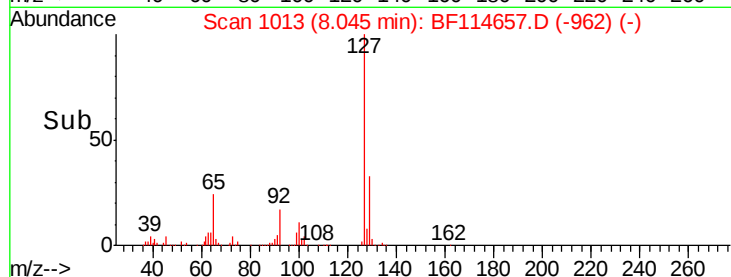
#33
4-Chloroaniline
Concen: 18.158 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	790352
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.7 40.1
65	25.8	22.5 33.7
92	17.0	14.6 22.0

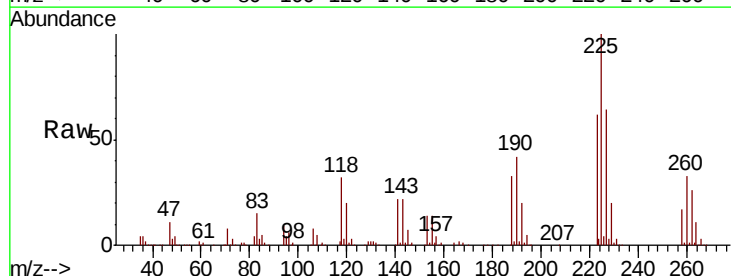


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

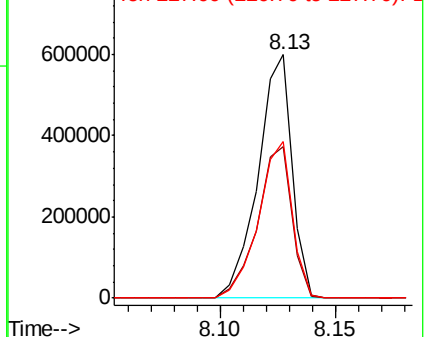
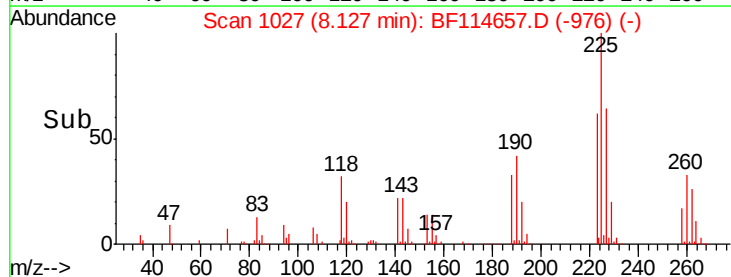


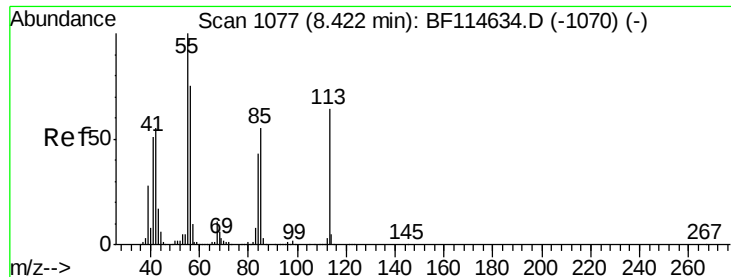
#34
Hexachlorobutadiene
Concen: 34.963 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:225	Resp:	615759
Ion Ratio	Lower	Upper
225	100	
223	62.3	50.9 76.3
227	64.1	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

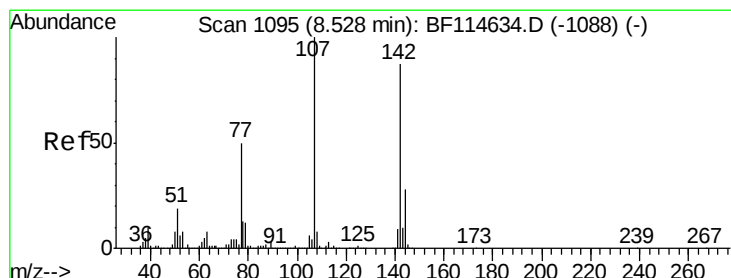
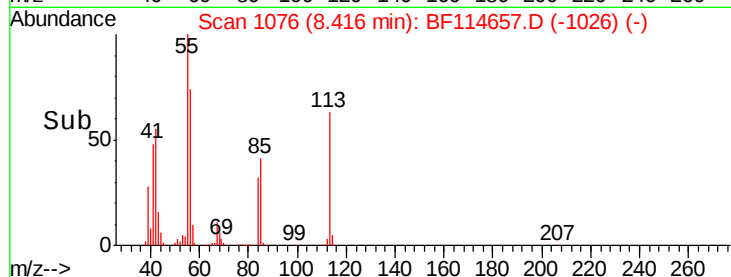
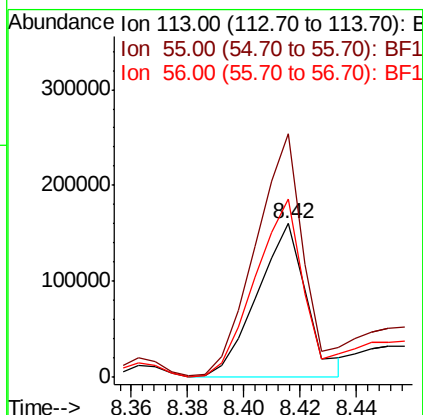
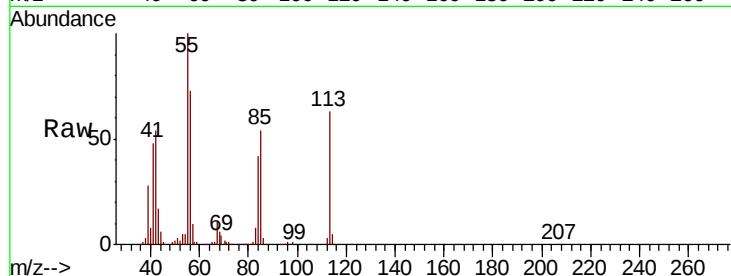




#35
 Caprolactam
 Concen: 20.564 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

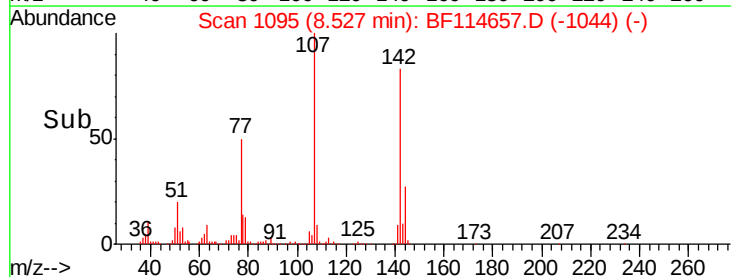
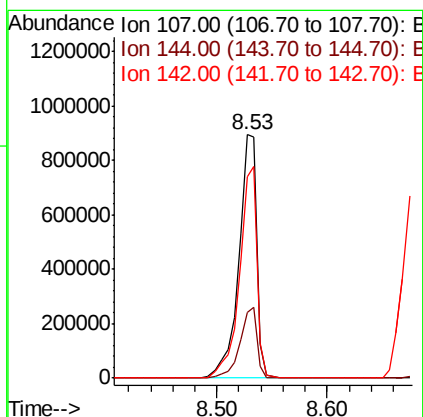
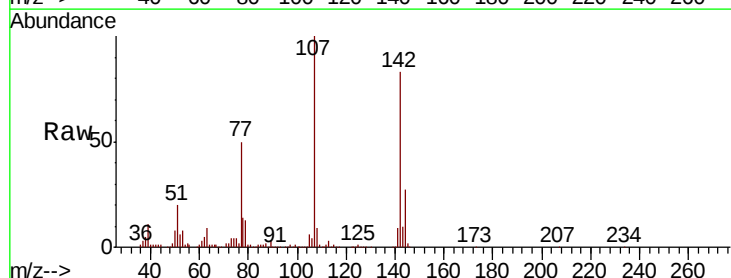
Instrument :
 BNA_F
 ClientSampleId :

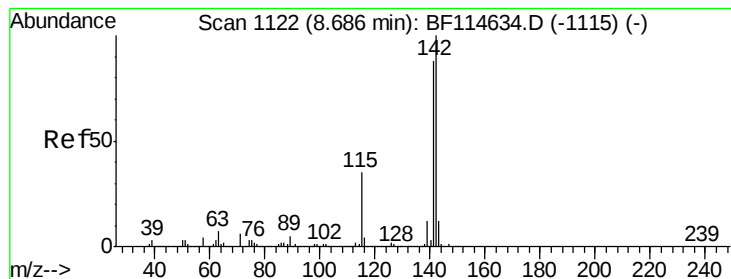
Tot Ion:113 Resp: 193113
 Ion Ratio Lower Upper
 113 100
 55 158.4 136.4 176.4
 56 116.4 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.683 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Tgt Ion:107 Resp: 1023675
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.5 33.7
 142 82.9 69.8 104.6



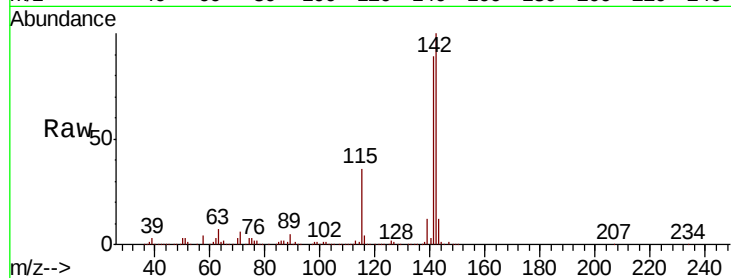


#37
 2-Methylnaphthalene
 Concen: 37.293 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

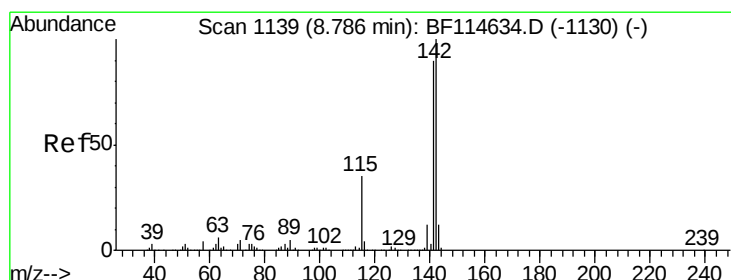
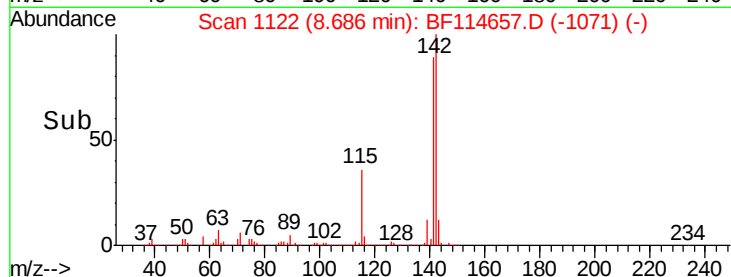
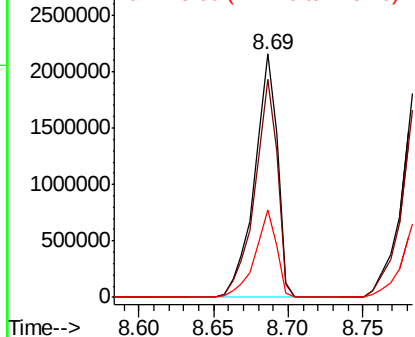
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 2263694

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	35.8	28.0	42.0



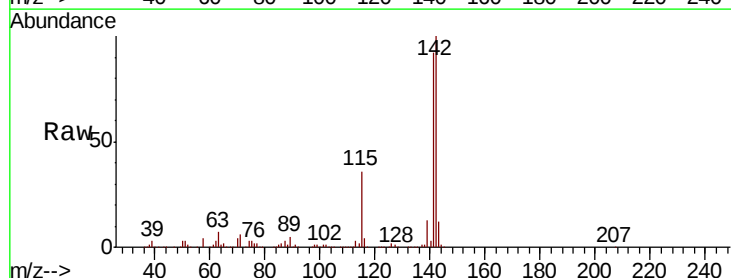
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



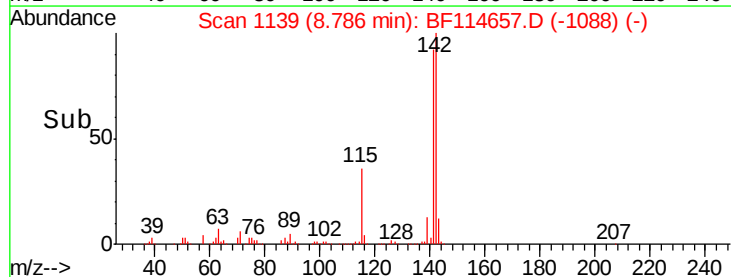
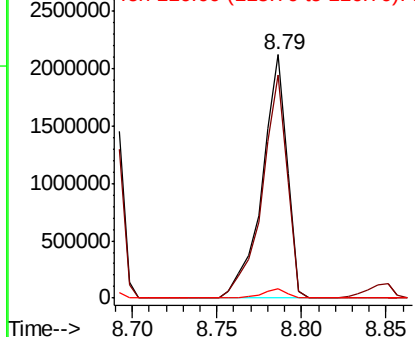
#38
 1-Methylnaphthalene
 Concen: 37.543 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Tgt Ion:142 Resp: 2159130

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	4.0	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

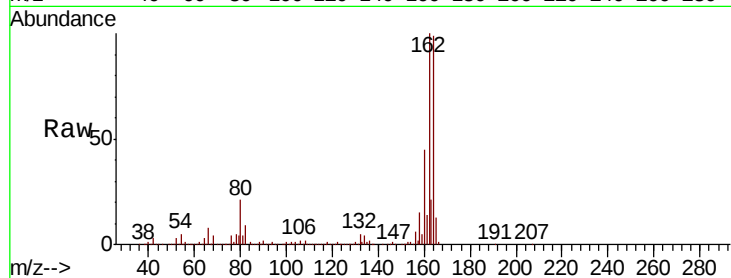




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.2
160	45.7	36.6	54.8

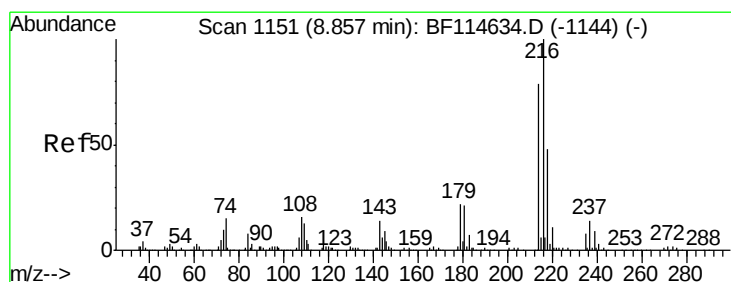
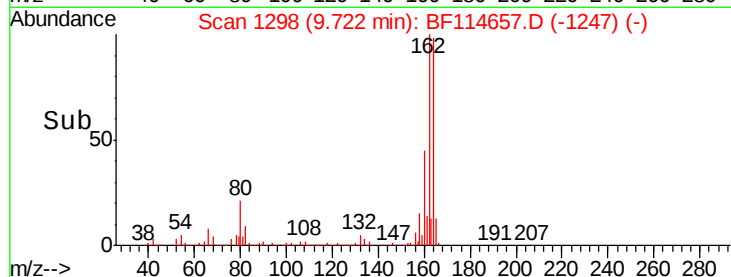
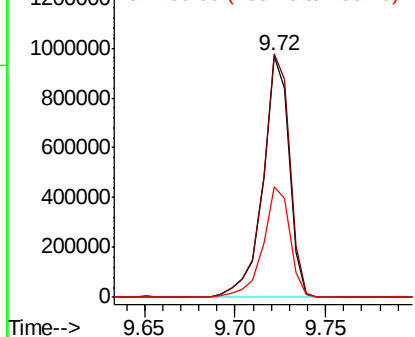


Abundance

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: 36.024 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.6	17.9	26.9
108	21.5	15.8	23.8

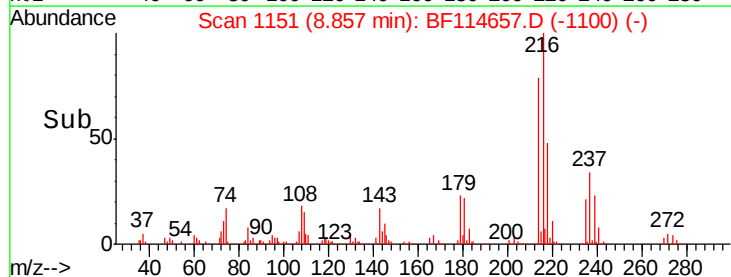
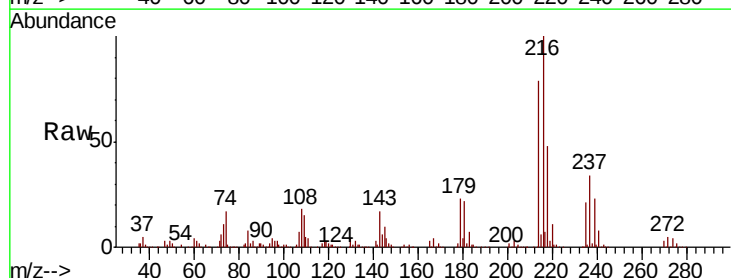
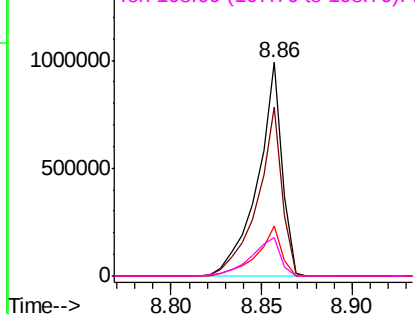
Abundance

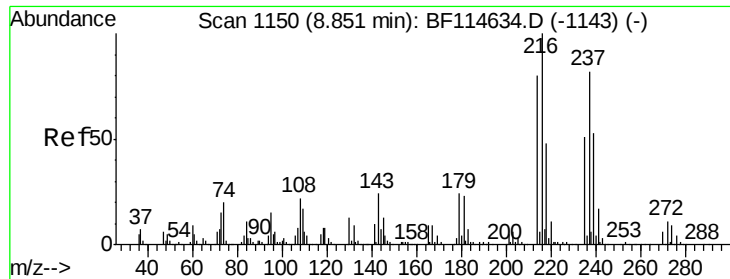
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.398 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

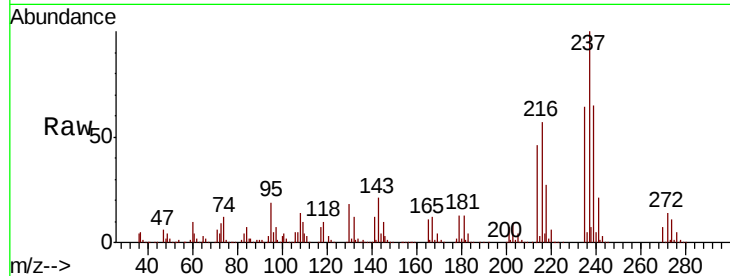
Tot Ion:237 Resp: 1081220

Ion Ratio Lower Upper

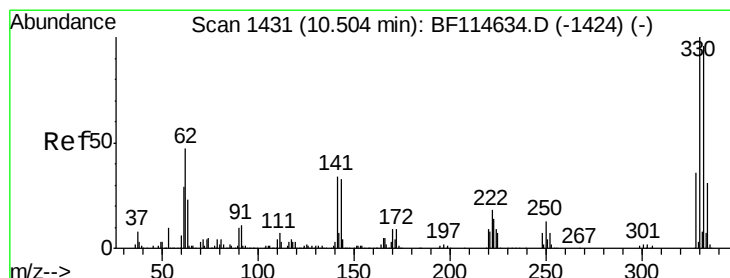
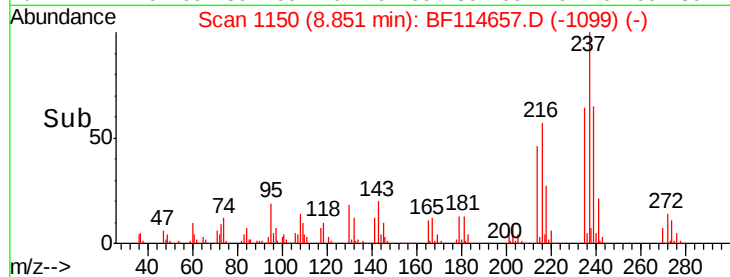
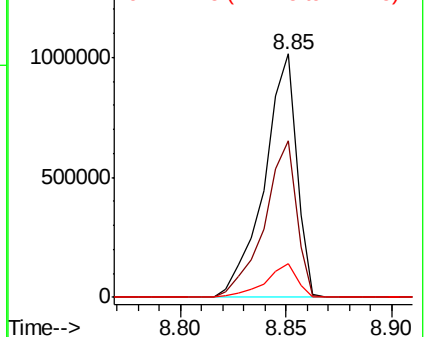
237 100

235 64.4 42.8 82.8

272 13.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 105.719 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

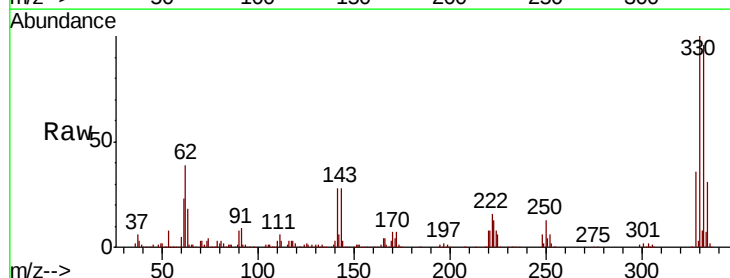
Tgt Ion:330 Resp: 976215

Ion Ratio Lower Upper

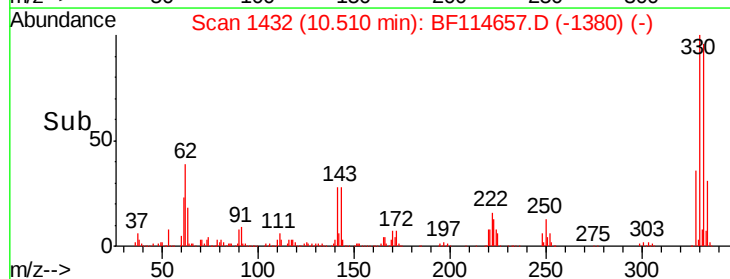
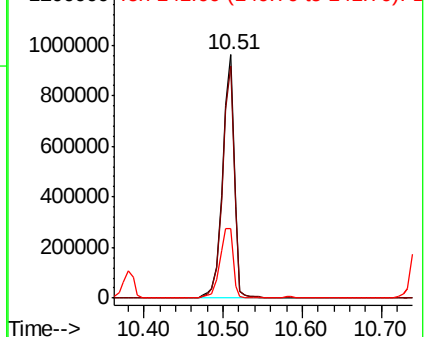
330 100

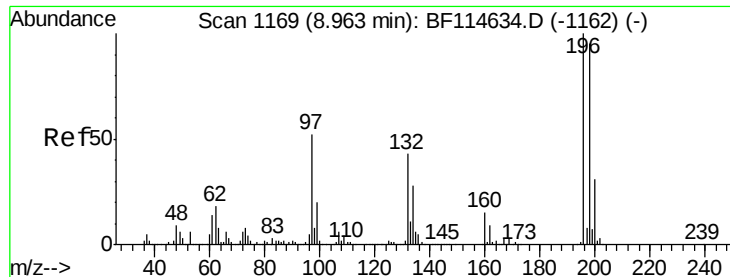
332 96.0 75.8 113.8

141 32.8 27.8 41.8



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

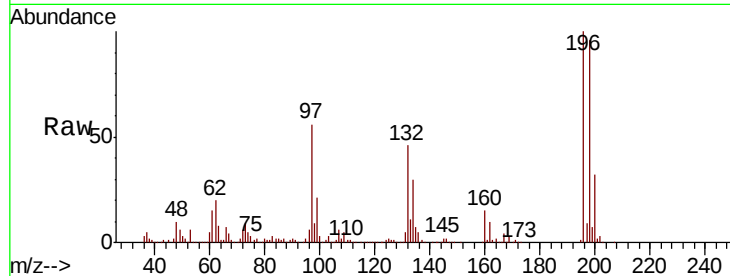




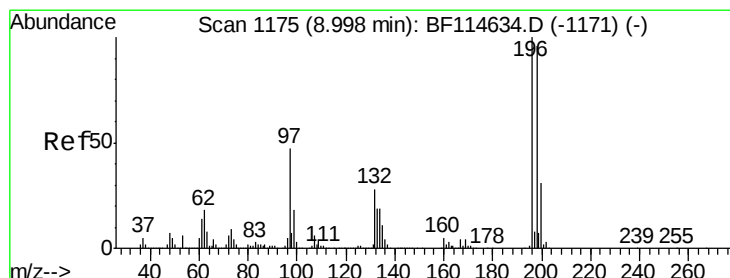
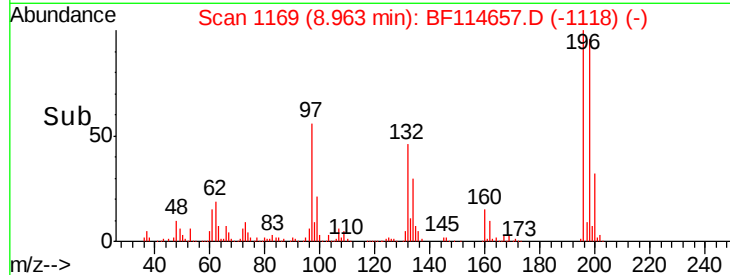
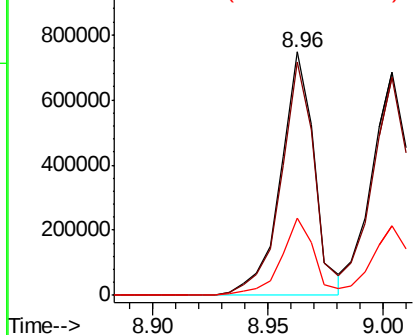
#43
 2,4,6-Trichlorophenol
 Concen: 36.863 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 748575
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.1 114.1
 200 31.6 24.7 37.1

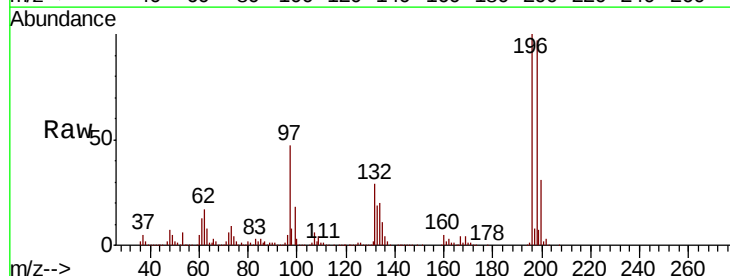


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

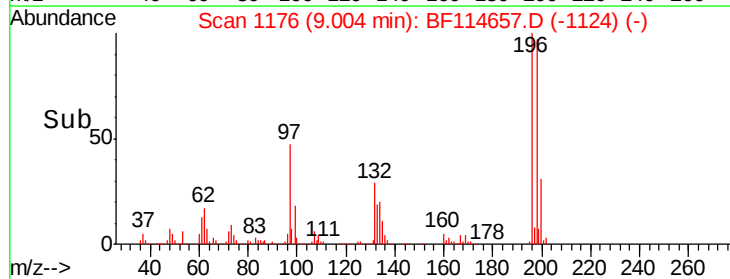
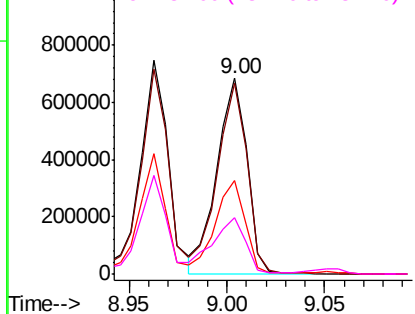


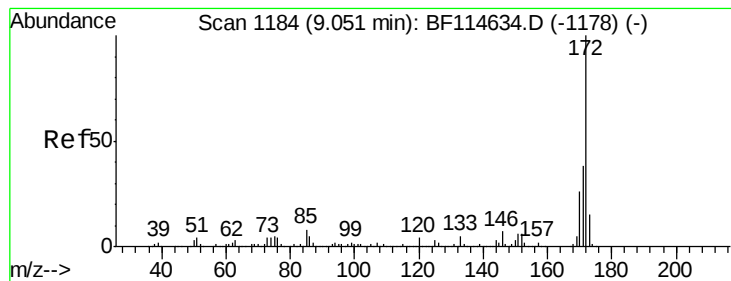
#44
 2,4,5-Trichlorophenol
 Concen: 36.337 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114657.D
 Acq: 30 May 2019 13:34

Tgt Ion:196 Resp: 736327
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.8 115.2
 97 47.5 37.8 56.8
 132 28.7 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

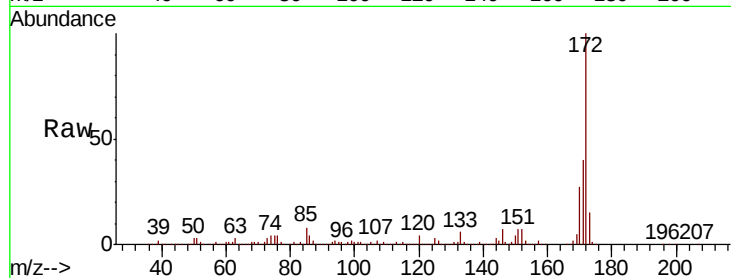




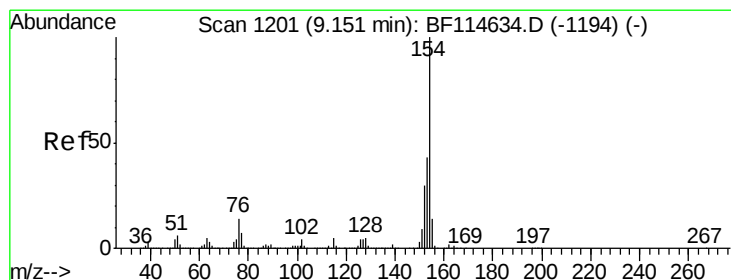
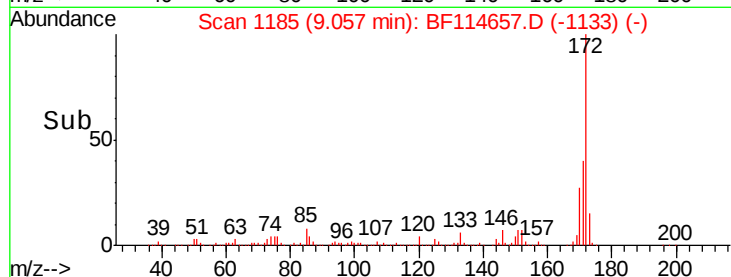
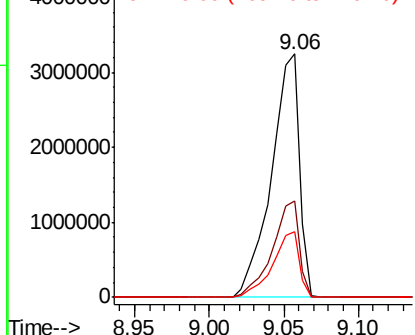
#45
2-Fluorobiphenyl
Concen: 73.087 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4263251
Ion Ratio Lower Upper
172 100
171 39.5 30.6 45.8
170 27.1 20.7 31.1

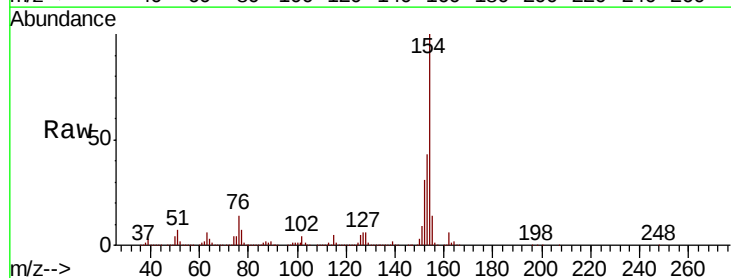


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

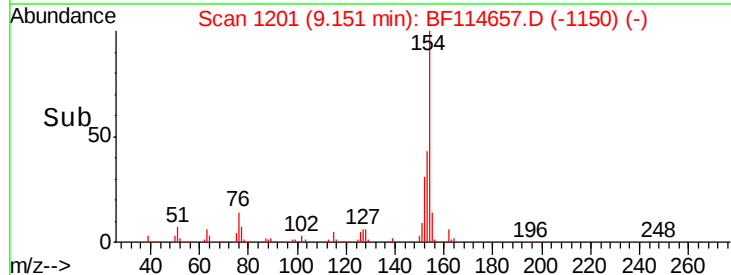
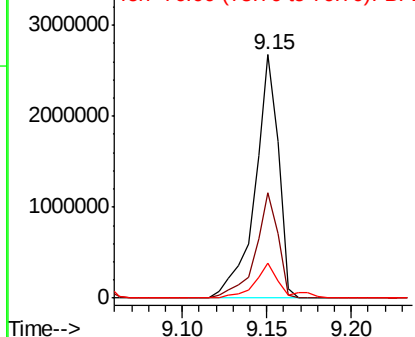


#46
1,1'-Biphenyl
Concen: 35.872 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:154 Resp: 2580550
Ion Ratio Lower Upper
154 100
153 43.2 23.0 63.0
76 14.4 0.0 33.9



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

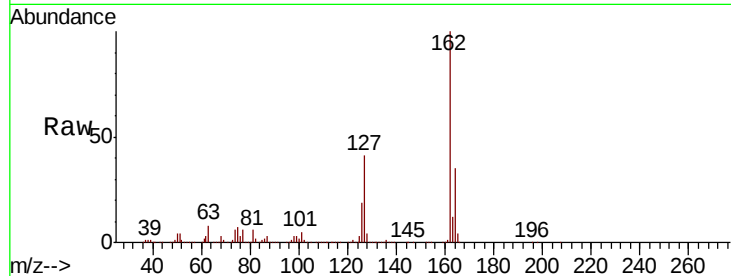




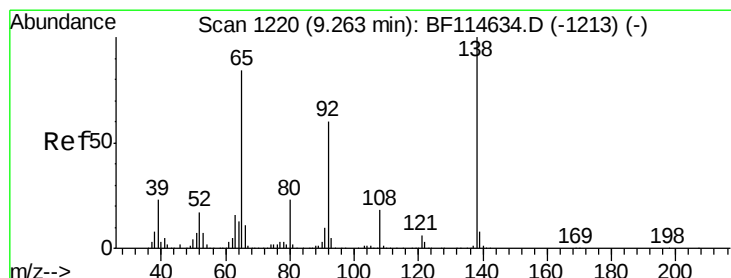
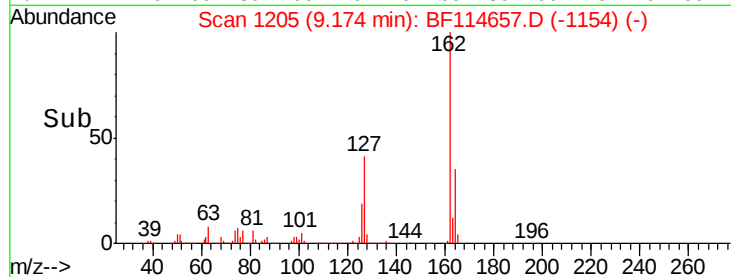
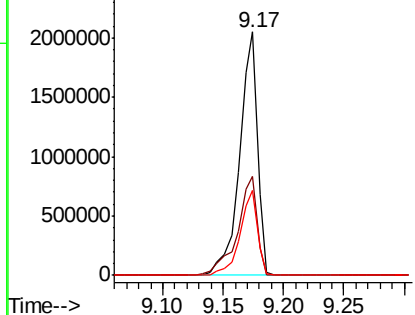
#47
2-Chloronaphthalene
Concen: 35.704 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2106878
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.2
164 34.6 27.8 41.6

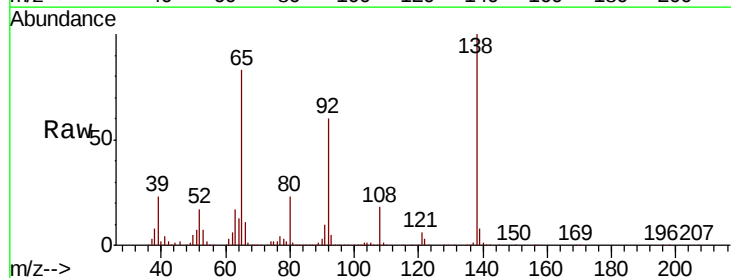


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

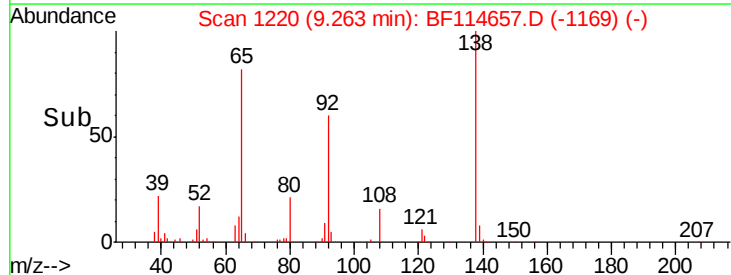
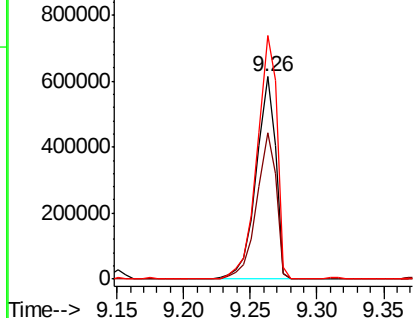


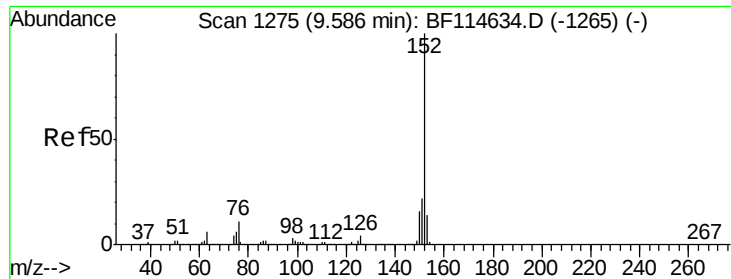
#48
2-Nitroaniline
Concen: 33.678 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion: 65 Resp: 613282
Ion Ratio Lower Upper
65 100
92 72.3 57.1 85.7
138 120.2 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: 34.553 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

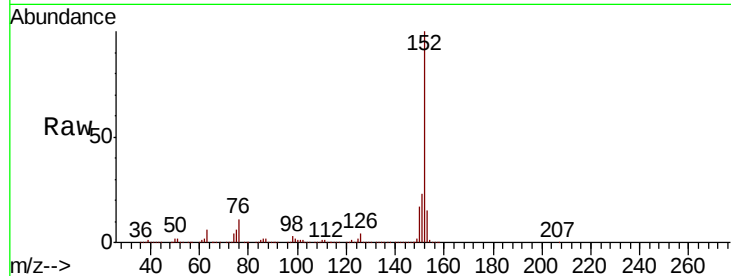
Tot Ion:152 Resp: 3150001

Ion Ratio Lower Upper

152 100

151 22.8 17.5 26.3

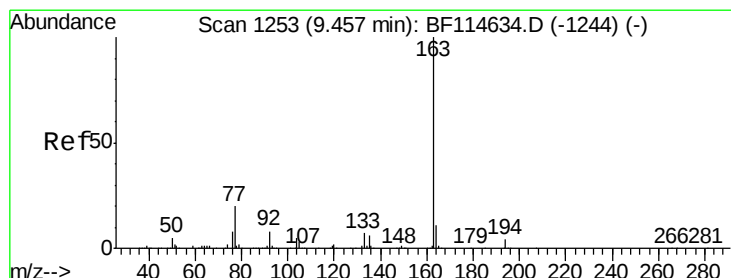
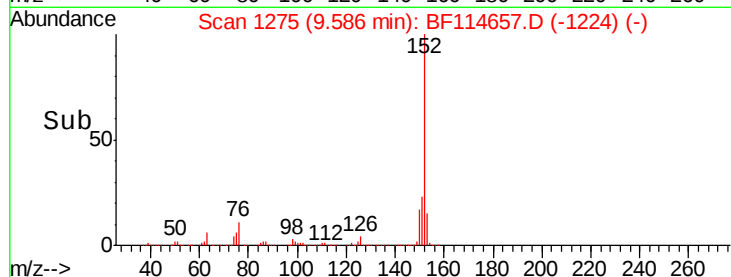
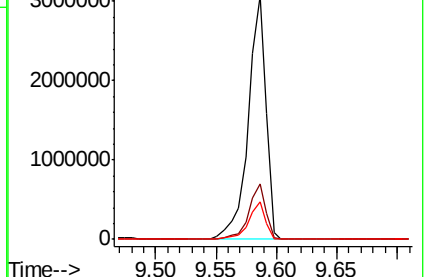
153 15.3 11.6 17.4



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: 34.529 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

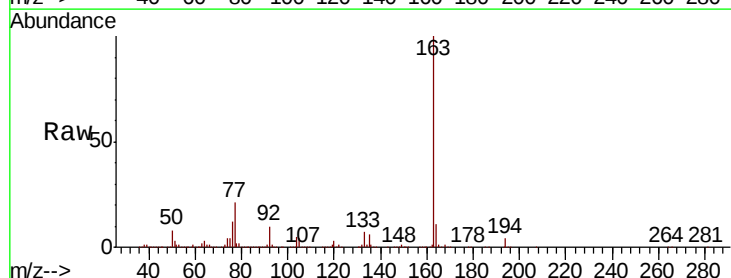
Tgt Ion:163 Resp: 2331679

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

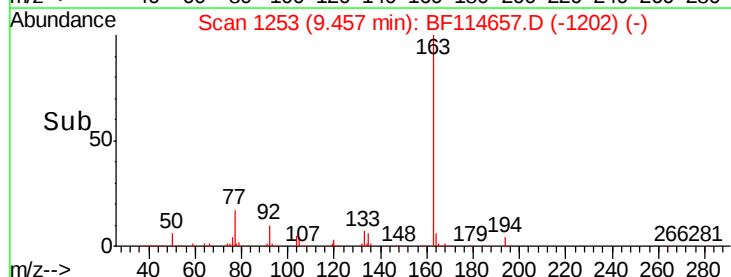
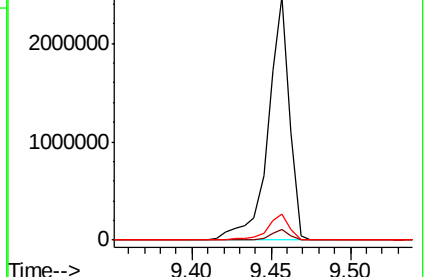
164 10.9 8.6 13.0

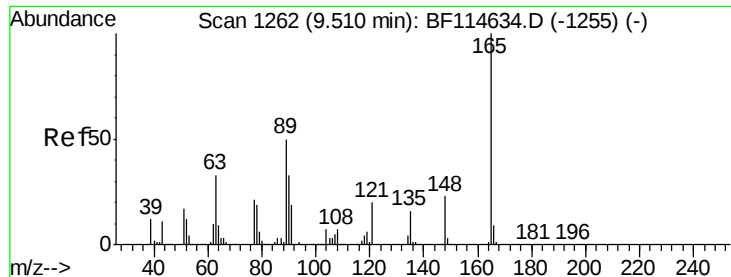


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.021 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampled :

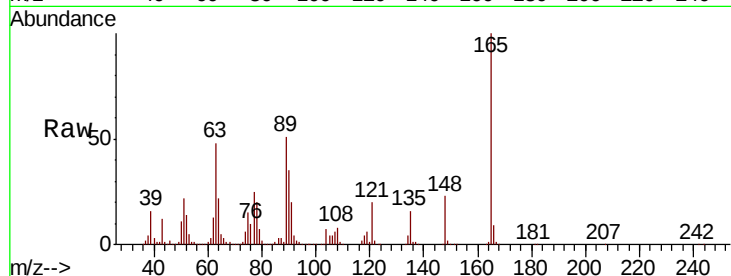
Tot Ion:165 Resp: 565218

Ion Ratio Lower Upper

165 100

63 48.1 36.6 54.8

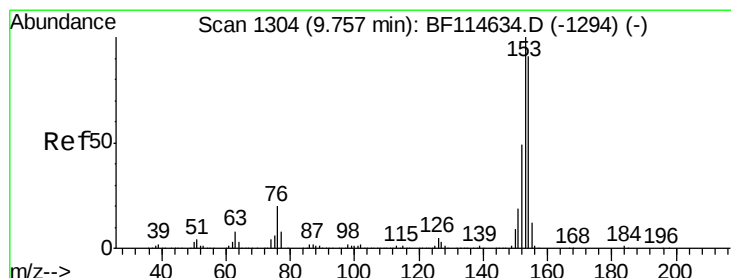
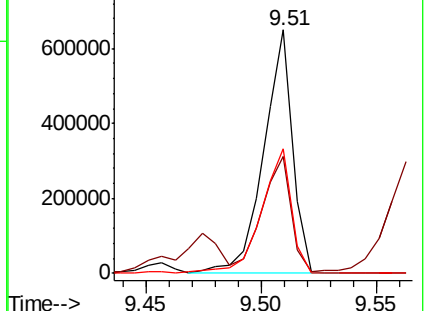
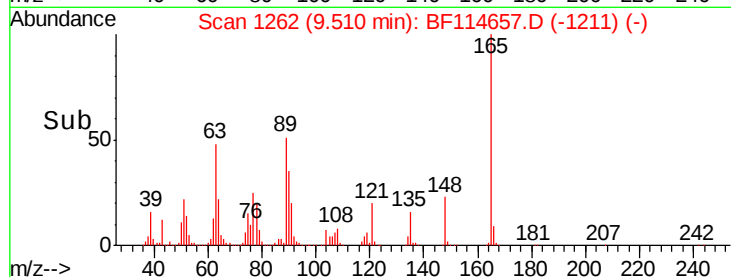
89 51.0 40.2 60.4



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: 38.824 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

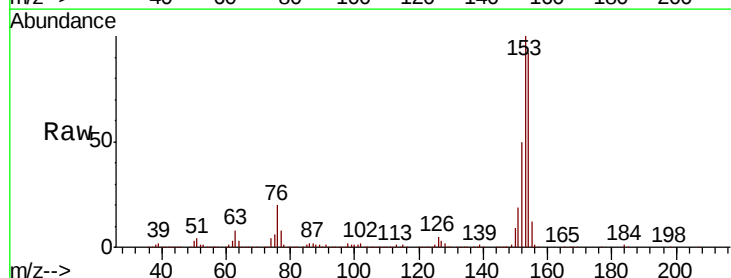
Tgt Ion:154 Resp: 2170590

Ion Ratio Lower Upper

154 100

153 109.1 88.4 132.6

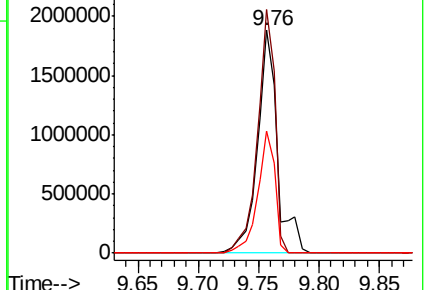
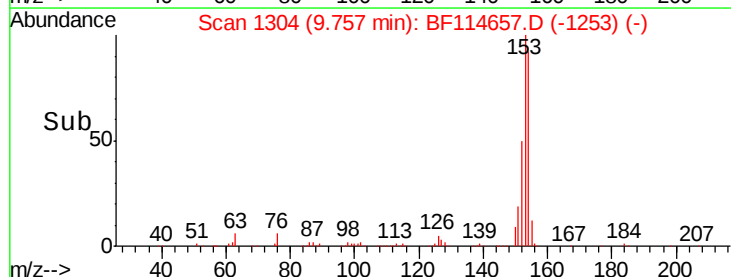
152 54.6 43.4 65.0

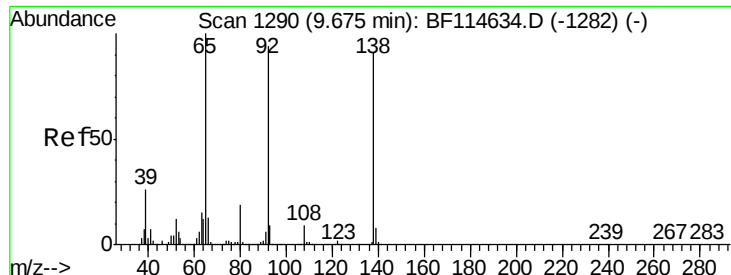


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

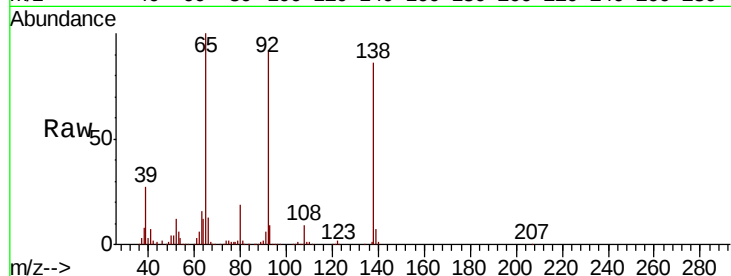




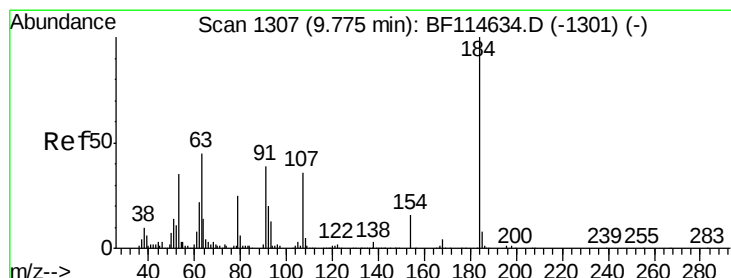
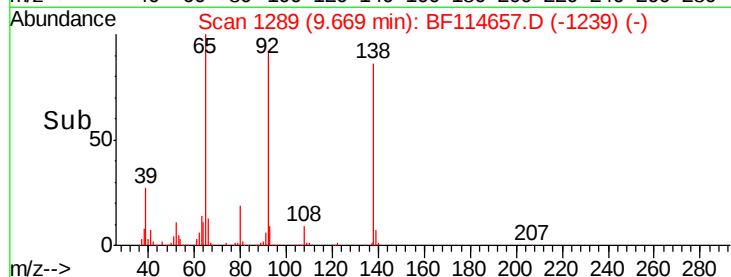
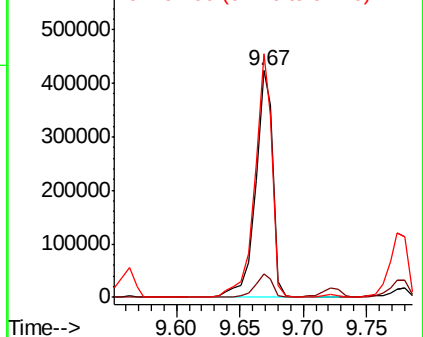
#53
3-Nitroaniline
Concen: 21.195 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 407034
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 107.3 83.1 124.7

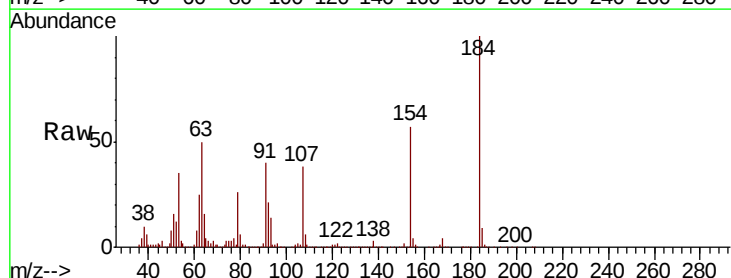


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

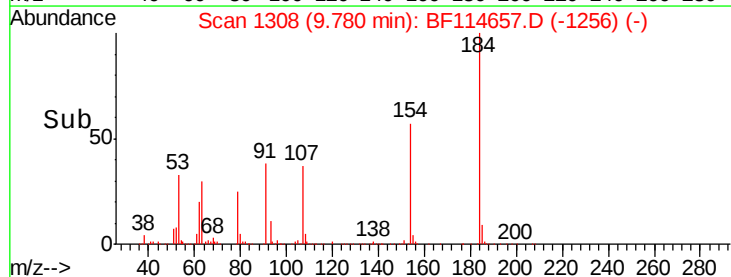
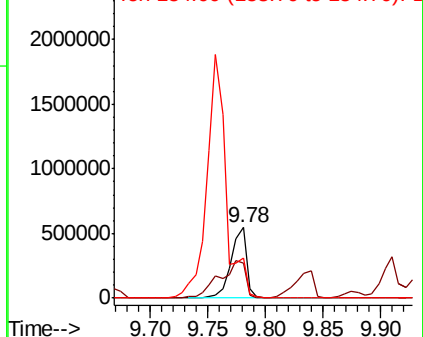


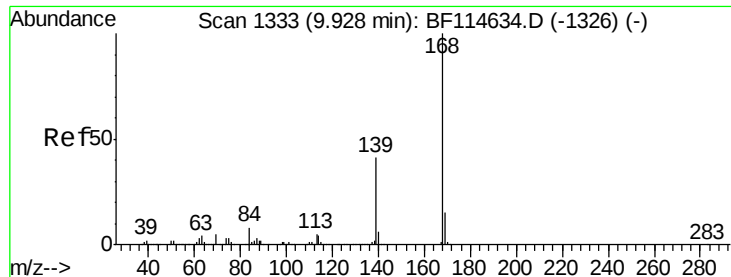
#54
2,4-Dinitrophenol
Concen: 81.847 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:184 Resp: 506577
Ion Ratio Lower Upper
184 100
63 49.5 38.8 58.2
154 57.1 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: 34.922 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

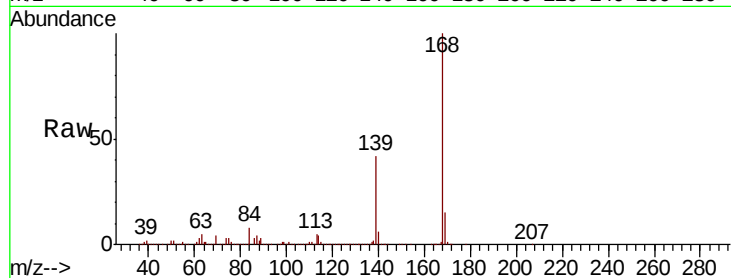
Tot Ion:168 Resp: 2779182

Ion Ratio Lower Upper

168 100

139 42.0 32.6 48.8

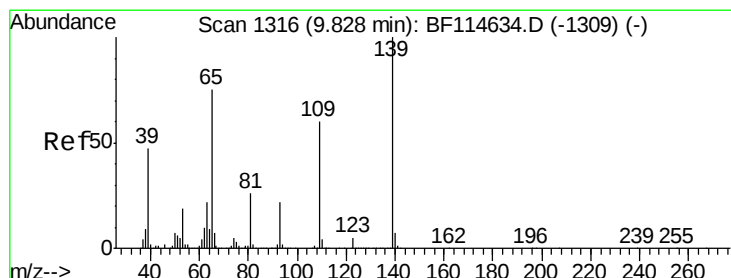
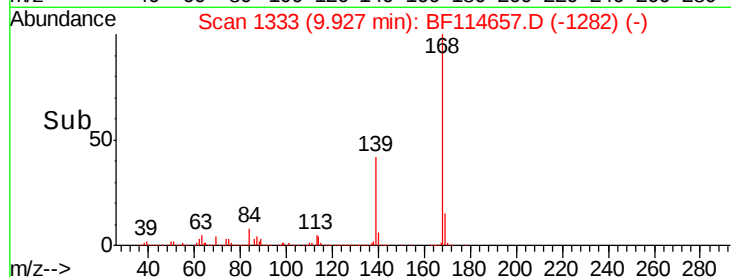
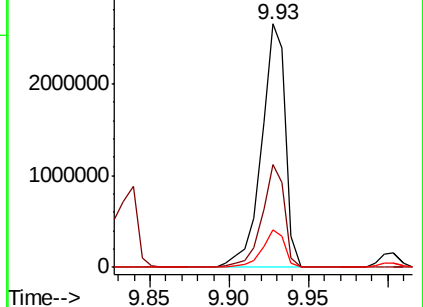
169 15.2 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.916 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

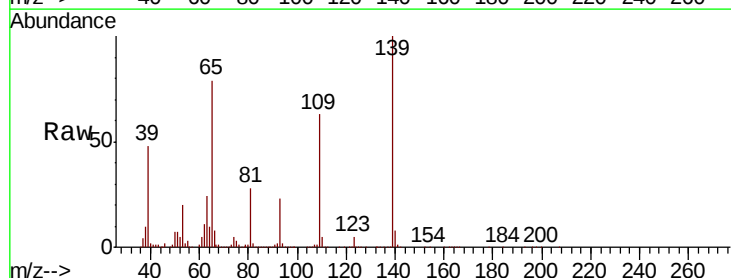
Tgt Ion:139 Resp: 980774

Ion Ratio Lower Upper

139 100

109 63.3 40.4 80.4

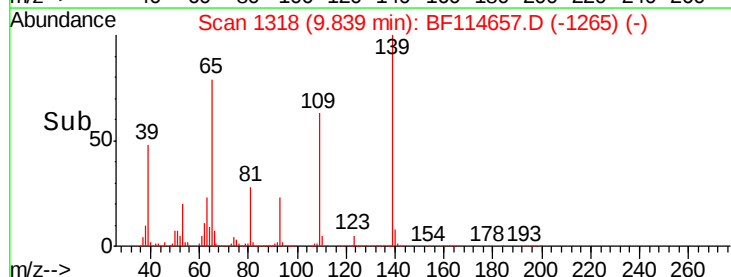
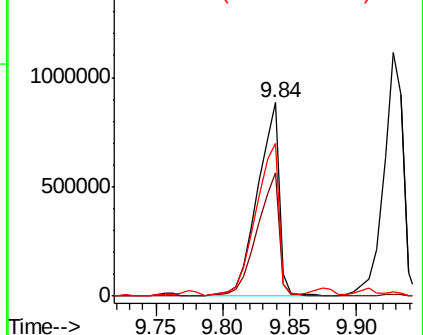
65 79.2 54.7 94.7

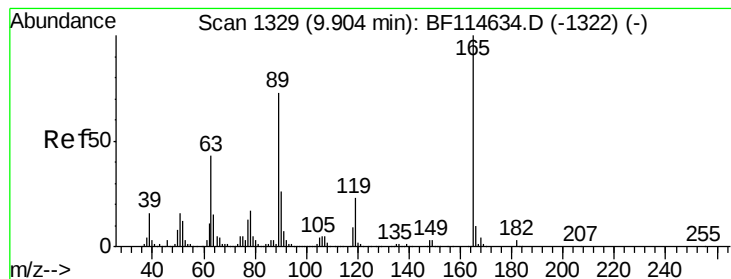


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.120 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 747526

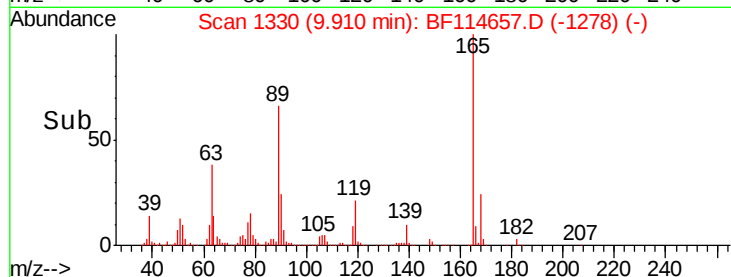
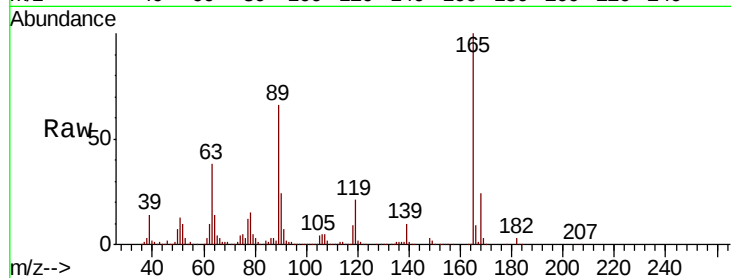
Ion Ratio Lower Upper

165 100

63 38.0 34.8 52.2

89 66.4 58.5 87.7

182 2.5 2.2 3.2

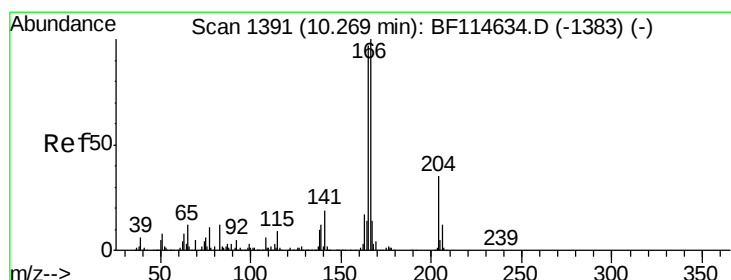
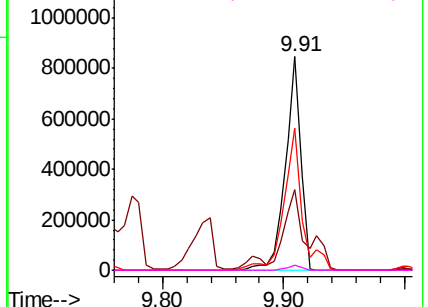


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.474 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

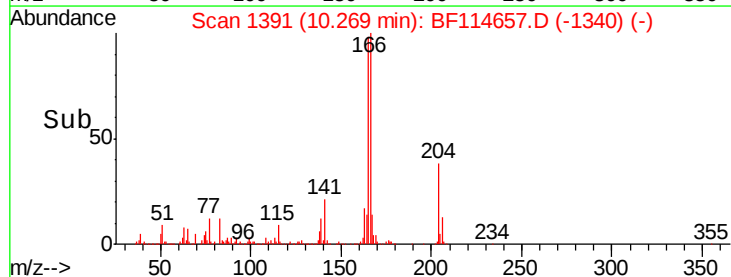
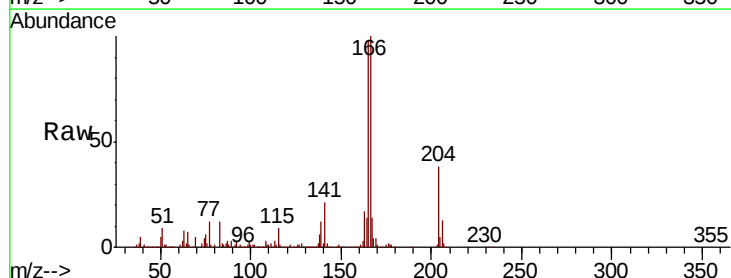
Tgt Ion:166 Resp: 1906174

Ion Ratio Lower Upper

166 100

165 98.3 77.6 116.4

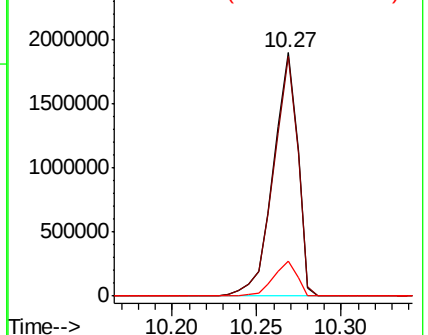
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

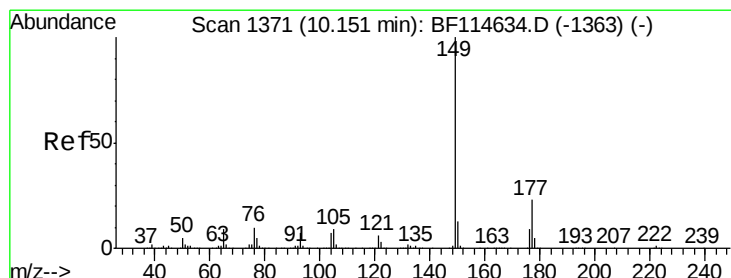
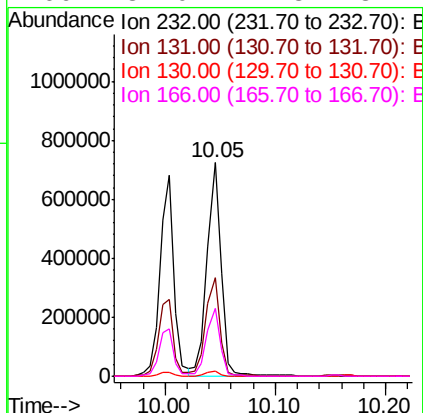
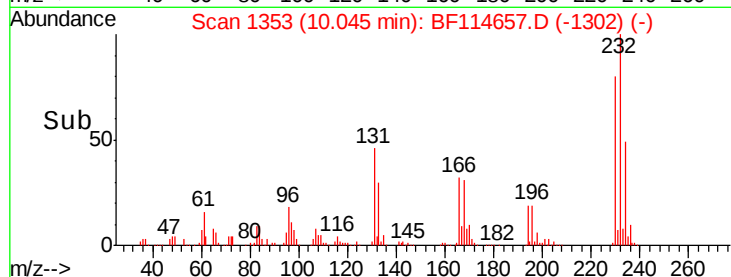
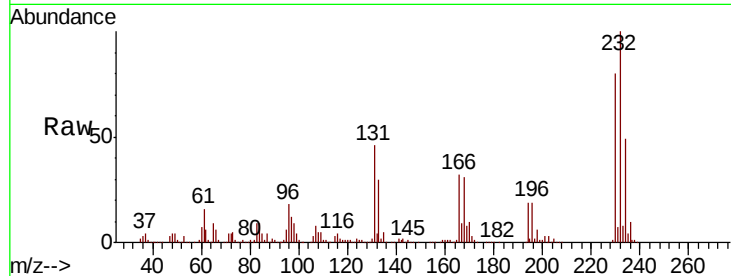




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.245 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

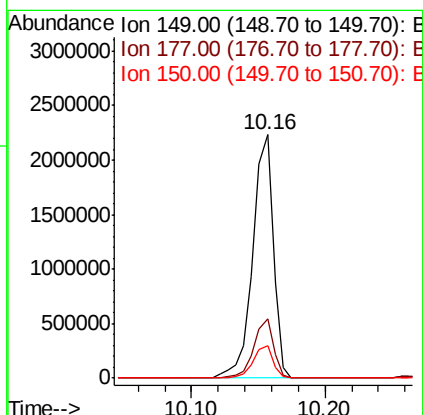
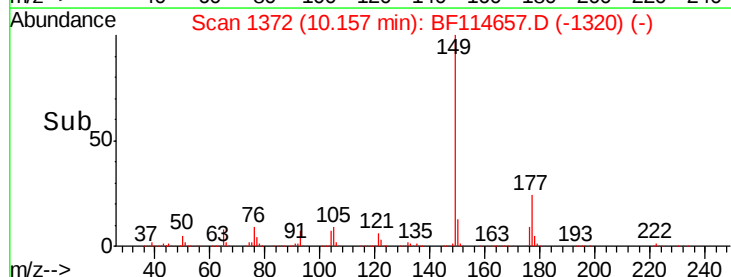
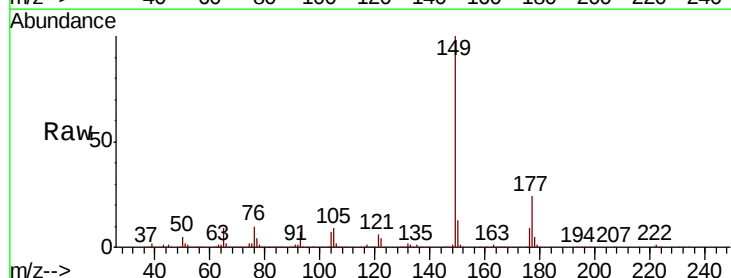
Instrument :
BNA_F
ClientSampleId :

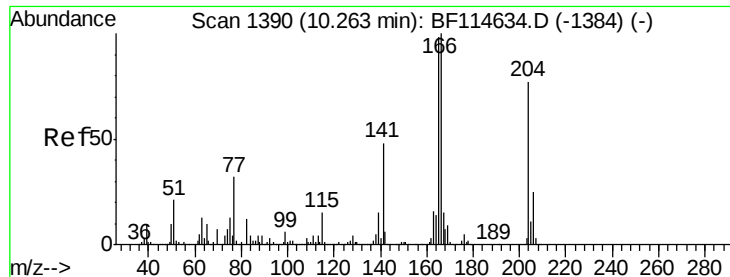
Tot Ion:232 Resp: 617776
Ion Ratio Lower Upper
232 100
131 46.4 37.2 55.8
130 2.4 1.8 2.8
166 31.0 24.8 37.2



#60
Diethylphthalate
Concen: 34.002 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:149 Resp: 2345115
Ion Ratio Lower Upper
149 100
177 24.2 18.6 28.0
150 13.2 10.6 15.8





#61

4-Chlorophenyl-phenylether

Concen: 35.417 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampled :

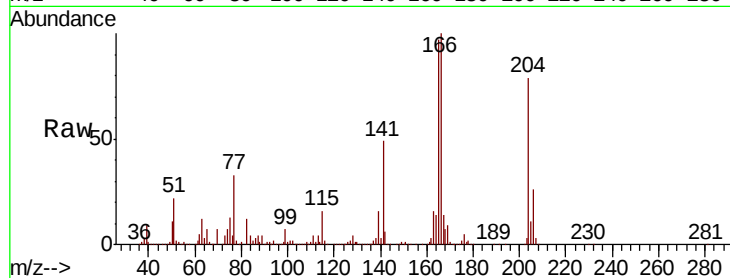
Tot Ion:204 Resp: 952180

Ion Ratio Lower Upper

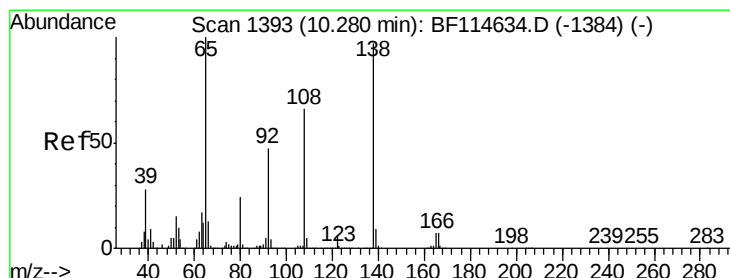
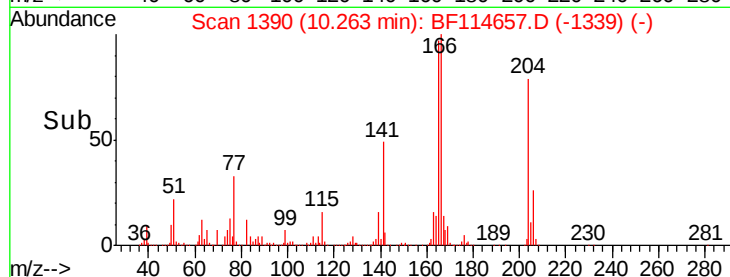
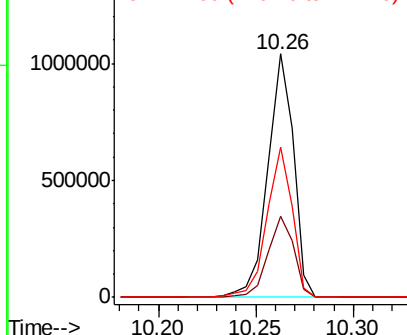
204 100

206 33.3 26.4 39.6

141 61.7 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: 30.969 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

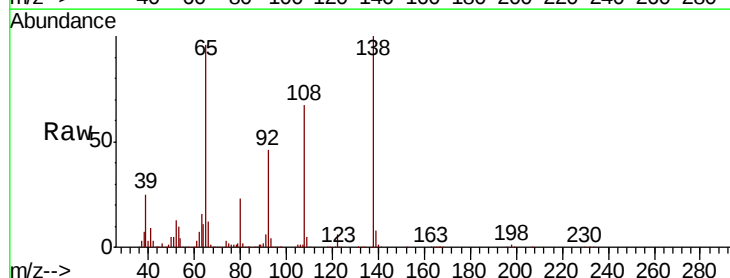
Tgt Ion:138 Resp: 579546

Ion Ratio Lower Upper

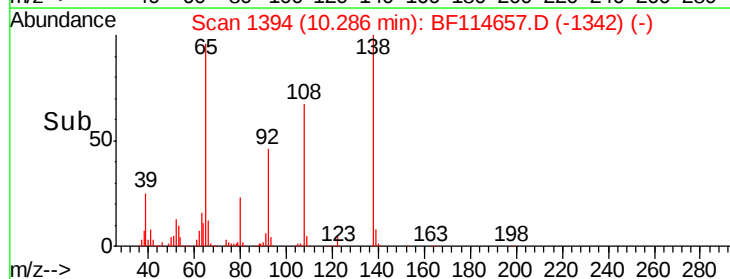
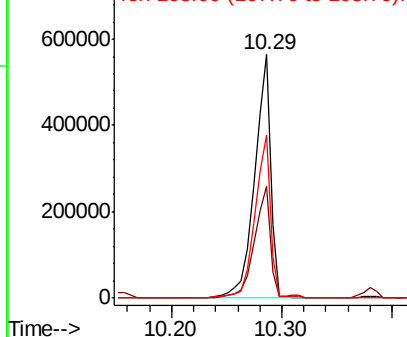
138 100

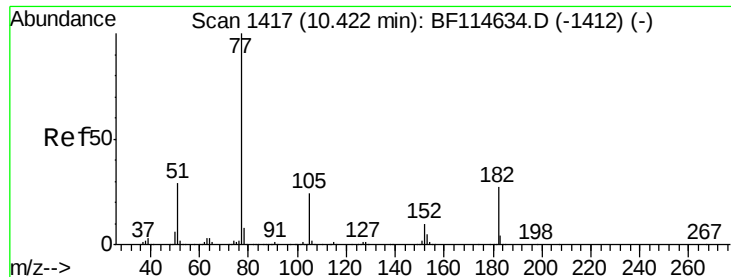
92 46.1 28.0 68.0

108 67.0 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: 34.333 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2174032

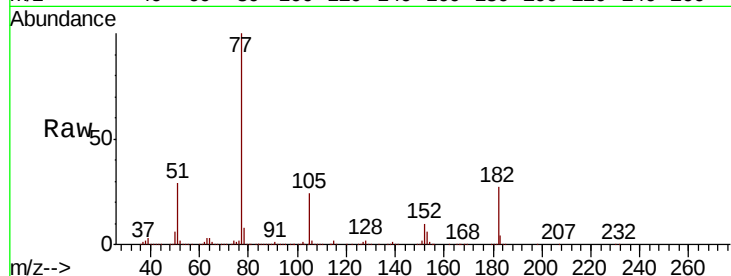
Ion Ratio Lower Upper

77 100

182 27.3 7.0 47.0

105 24.3 3.7 43.7

51 28.9 9.1 49.1

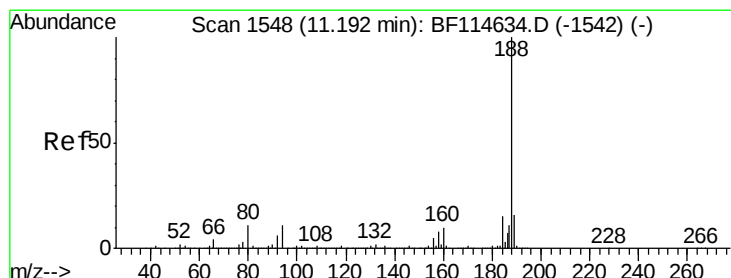
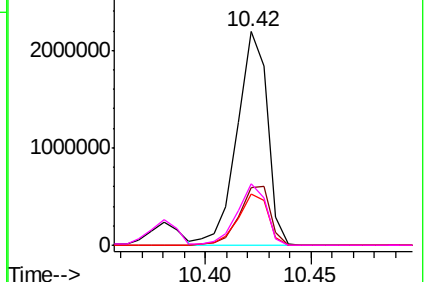
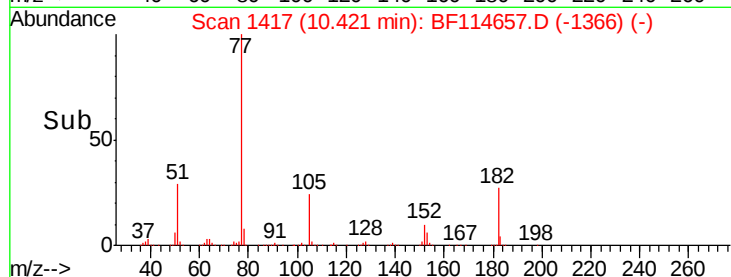


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

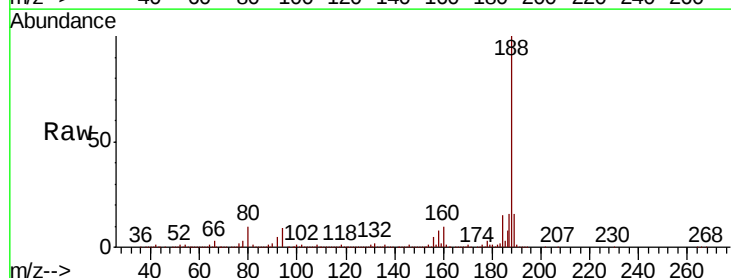
Tgt Ion: 188 Resp: 1768932

Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

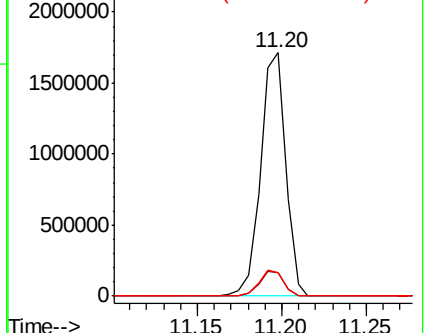
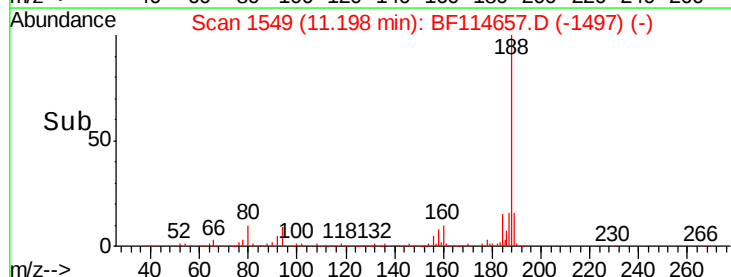
80 9.8 9.0 13.6

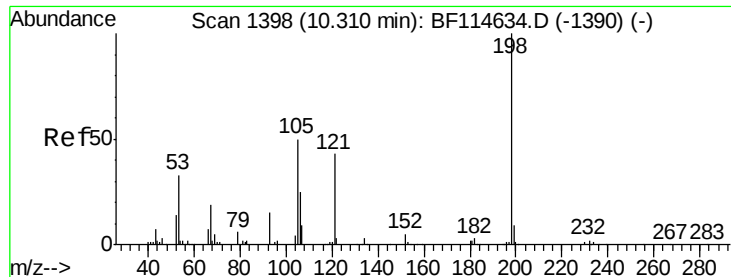


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.220 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

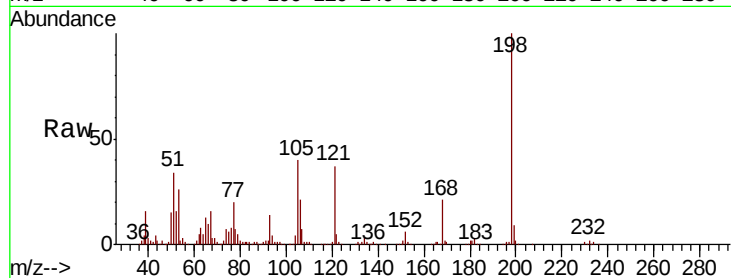
Tot Ion:198 Resp: 307631

Ion Ratio Lower Upper

198 100

51 33.7 29.0 69.0

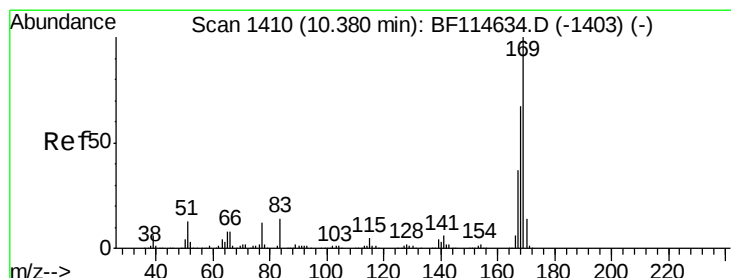
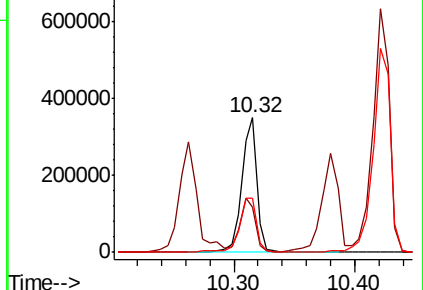
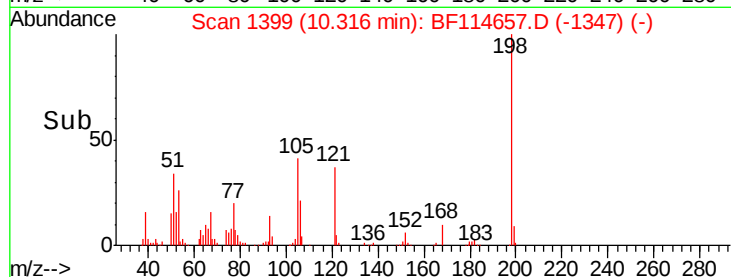
105 39.8 30.4 70.4



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: 36.803 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

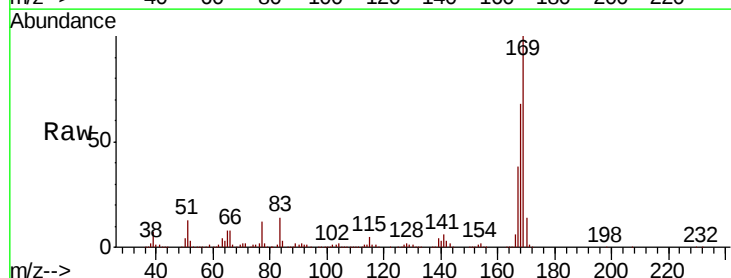
Tgt Ion:169 Resp: 1923472

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.8

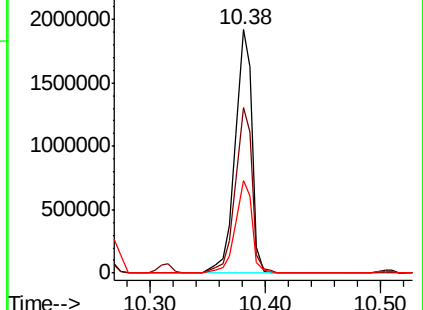
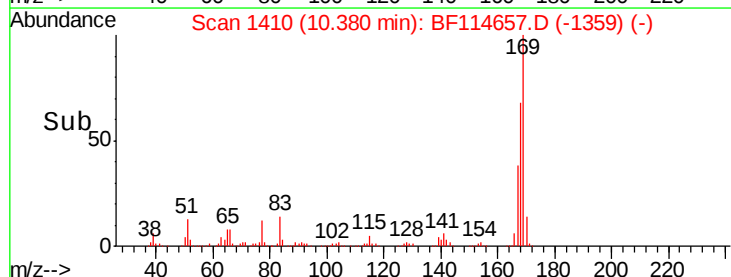
167 38.0 29.8 44.6

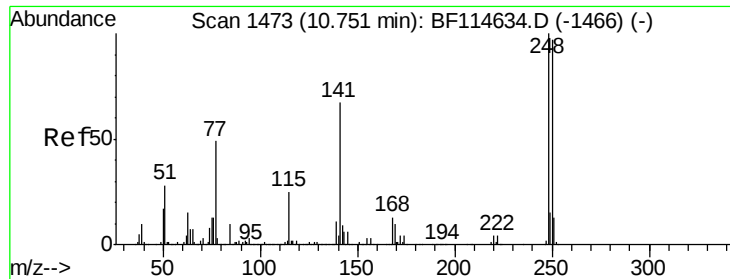


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

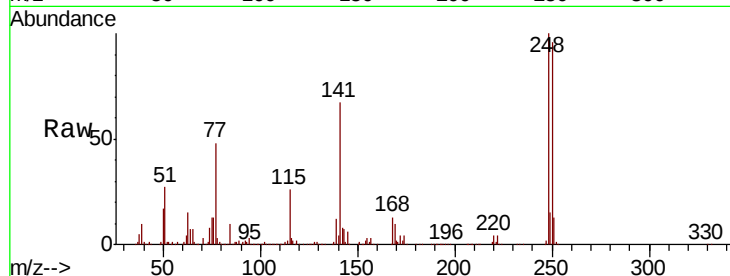




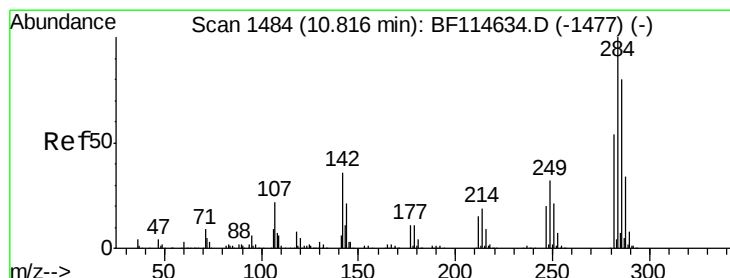
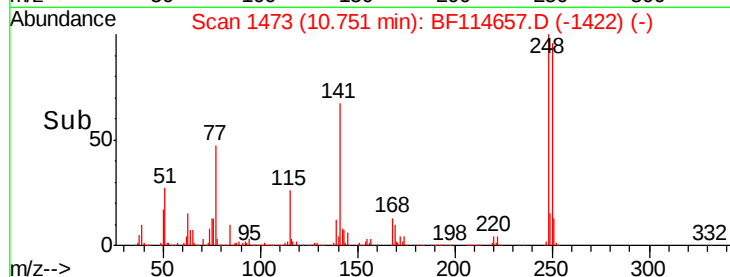
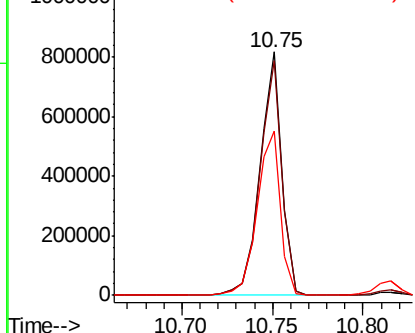
#67
4-Bromophenyl-phenylether
Concen: 35.873 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 680497
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 67.3 53.8 80.8

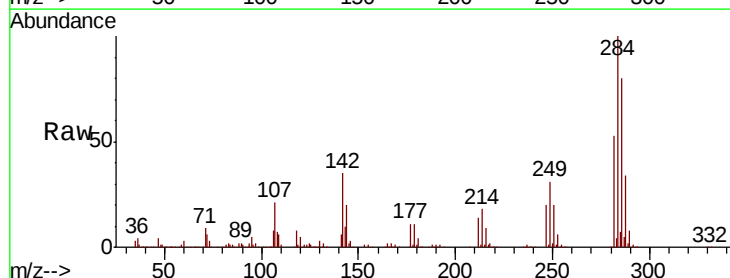


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

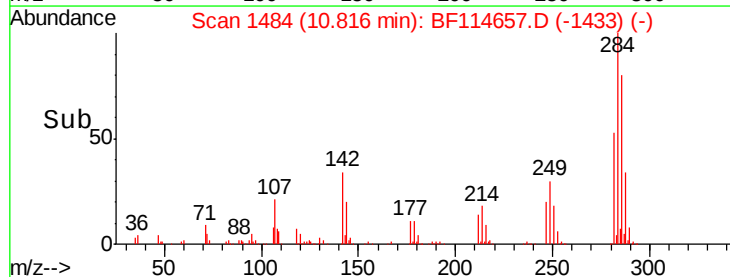
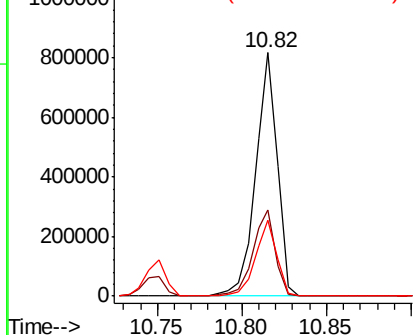


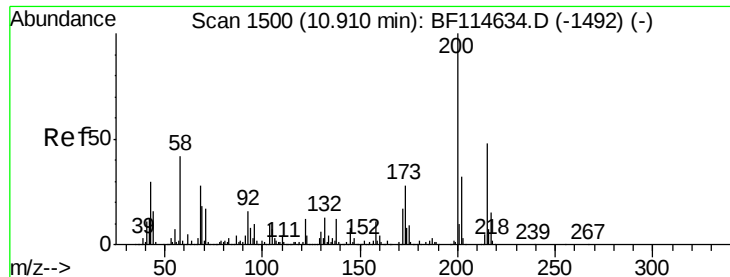
#68
Hexachlorobenzene
Concen: 35.486 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:284 Resp: 729112
Ion Ratio Lower Upper
284 100
142 35.2 28.9 43.3
249 31.0 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

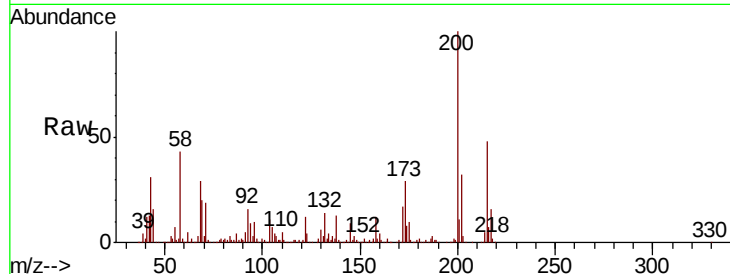




#69
Atrazine
Concen: 35.820 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.9	47.9
215	48.1	27.8	67.8

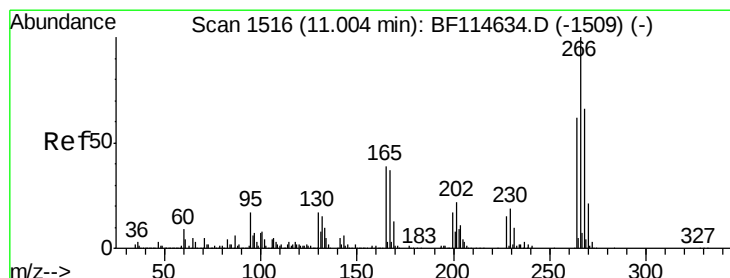
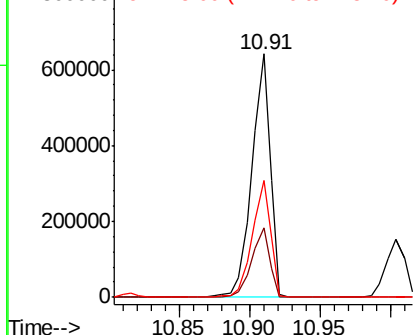
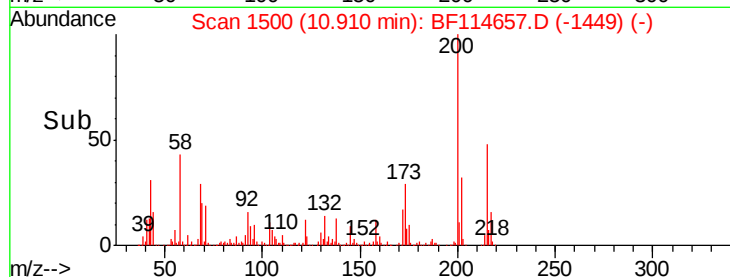


Abundance

Ion 200.00 (199.70 to 200.70): E

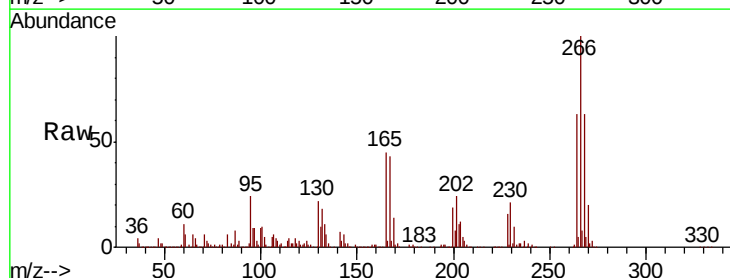
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.783 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.8	79.2
264	62.8	49.9	74.9

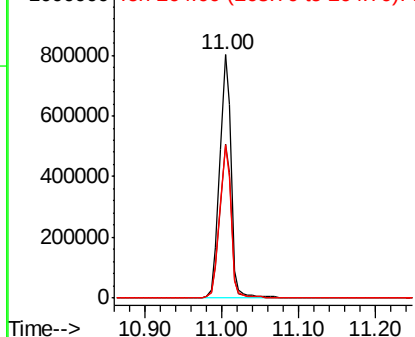
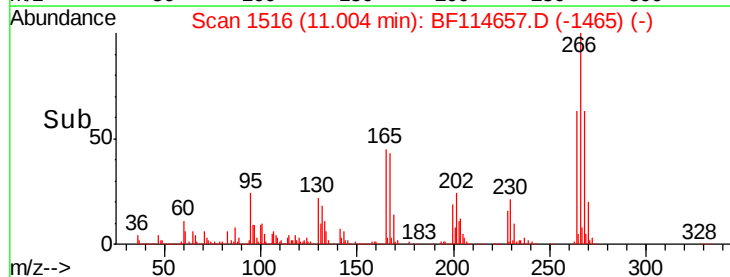


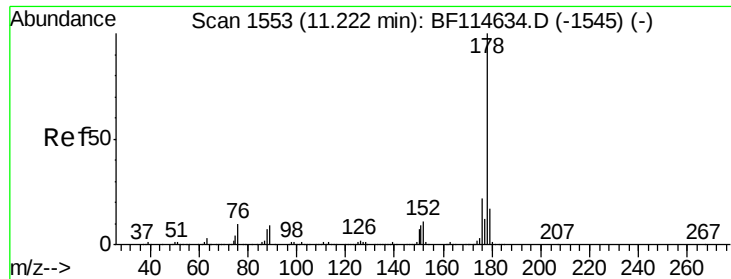
Abundance

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: 33.118 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

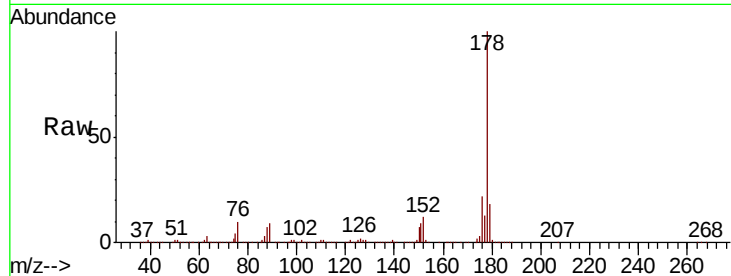
Tot Ion:178 Resp: 2988434

Ion Ratio Lower Upper

178 100

176 21.9 17.2 25.8

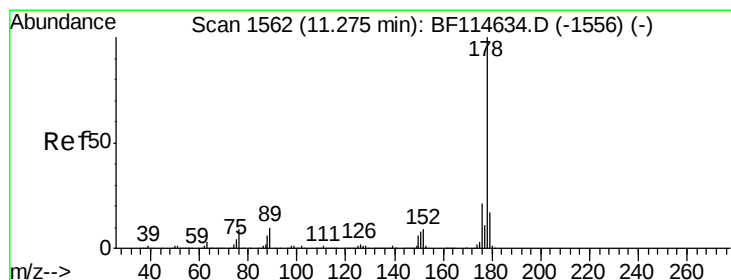
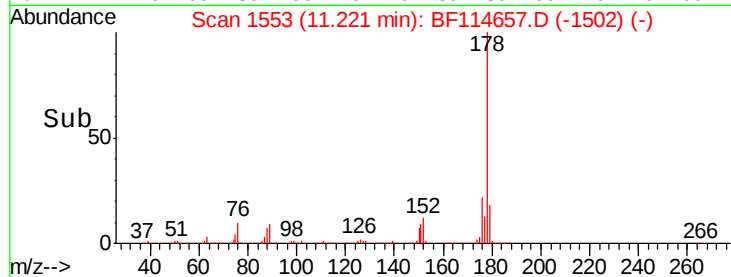
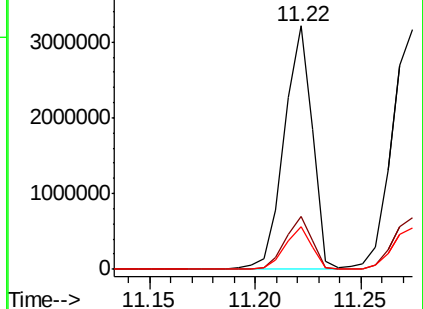
179 17.7 13.9 20.9



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: 33.608 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

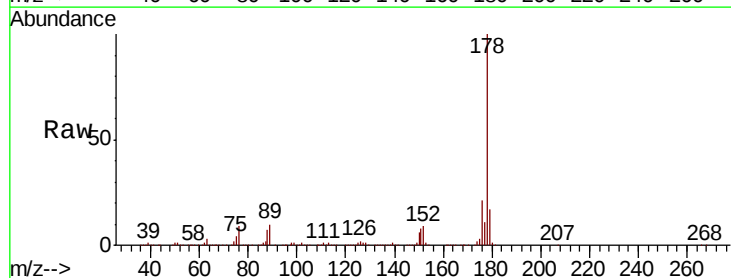
Tgt Ion:178 Resp: 3069309

Ion Ratio Lower Upper

178 100

176 21.3 16.6 24.8

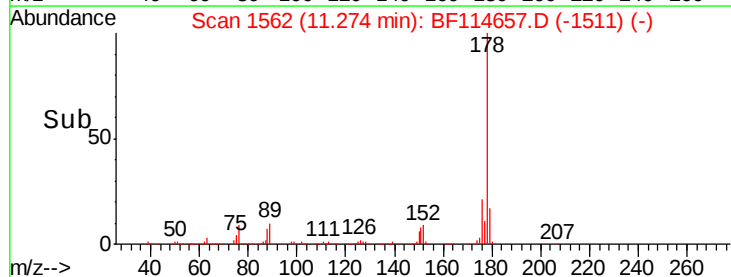
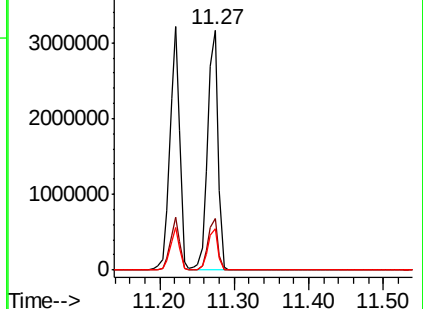
179 17.4 13.4 20.0

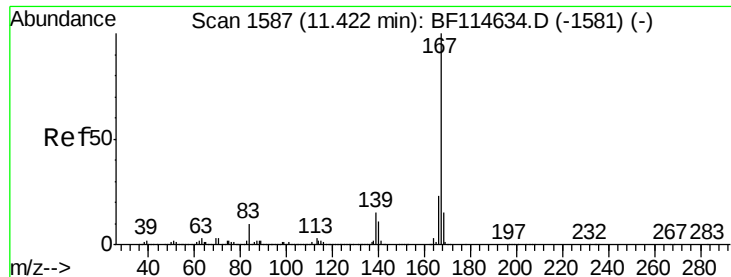


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.451 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

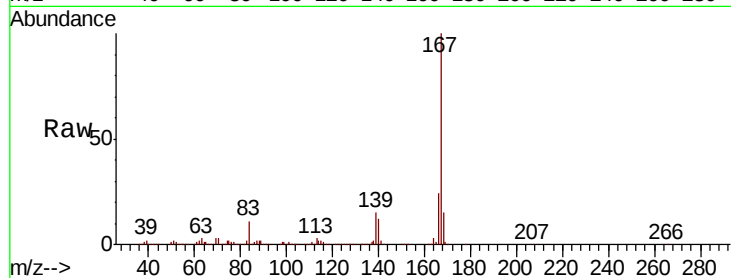
Tot Ion:167 Resp: 2765170

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.7	28.1
139	15.0	11.8	17.8

167 100

166 23.6 18.7 28.1

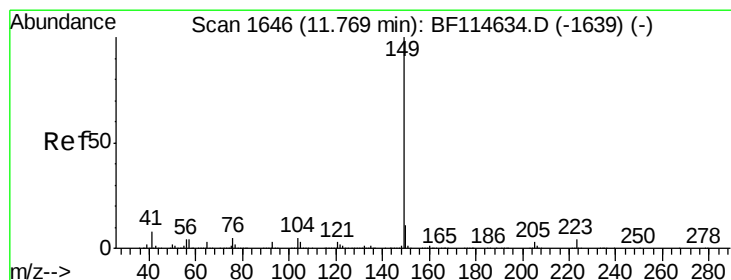
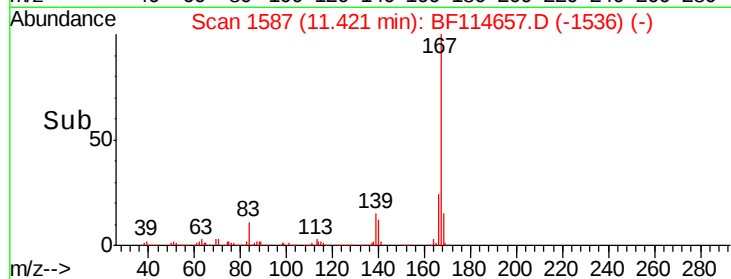
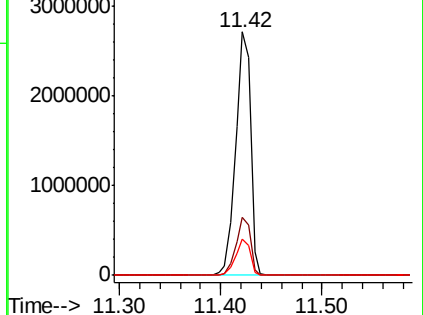
139 15.0 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.825 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

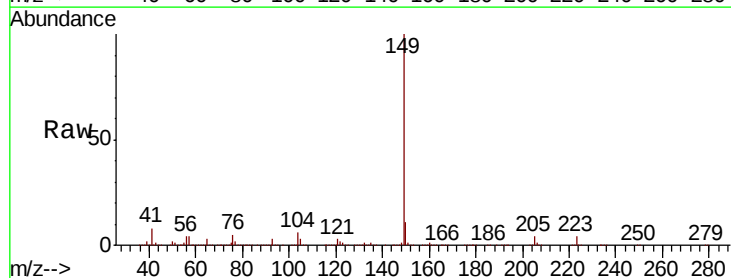
Tgt Ion:149 Resp: 3298652

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

149 100

150 11.1 8.6 12.8

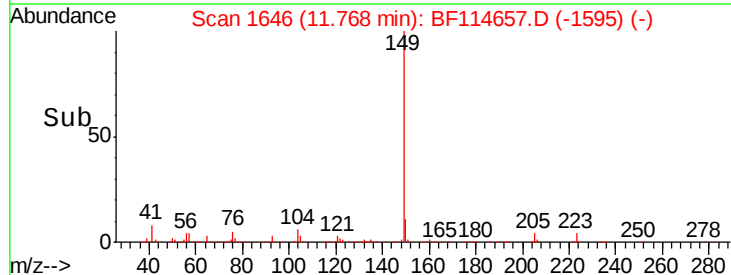
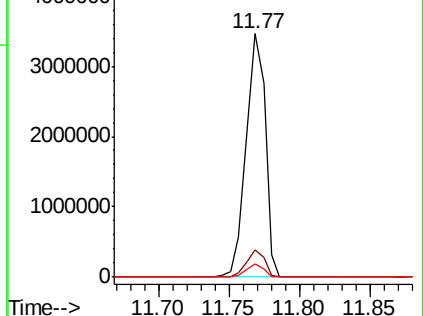
104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.874 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

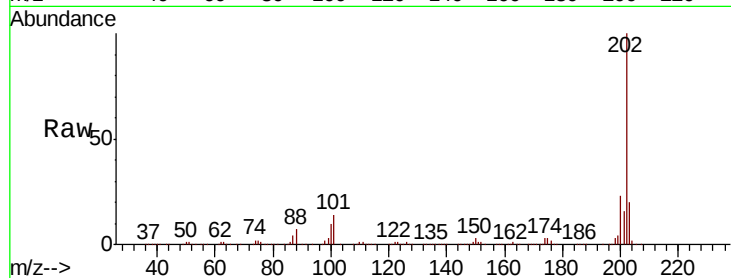
Tot Ion:202 Resp: 3071625

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

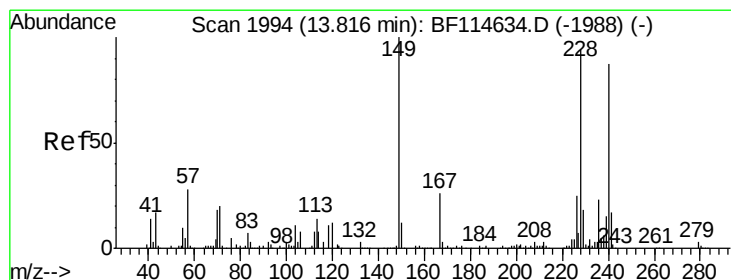
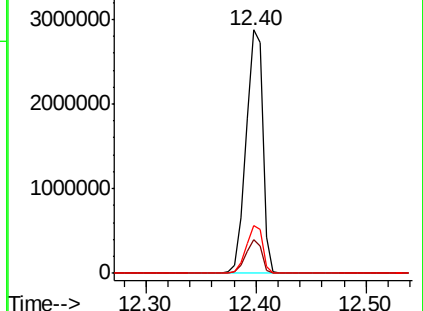
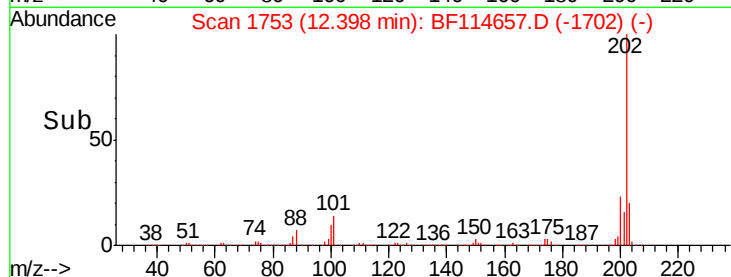
203 19.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

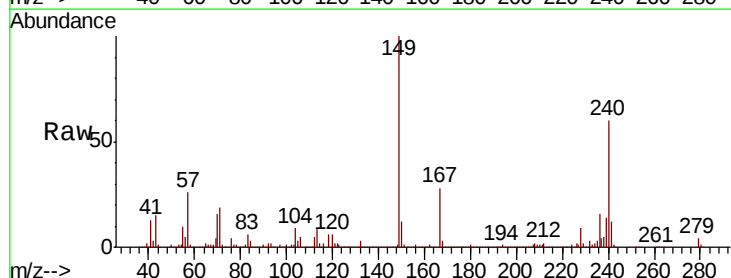
Tgt Ion:240 Resp: 1086179

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

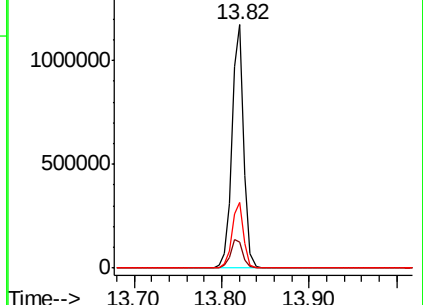
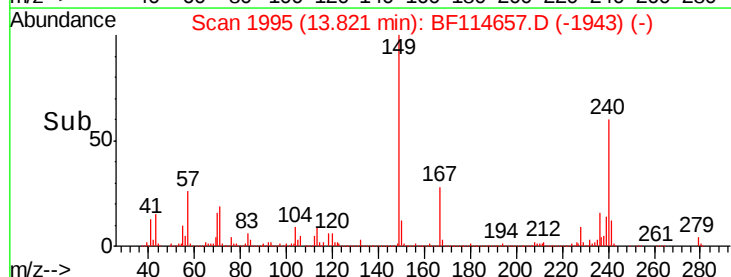
236 27.1 21.2 31.8

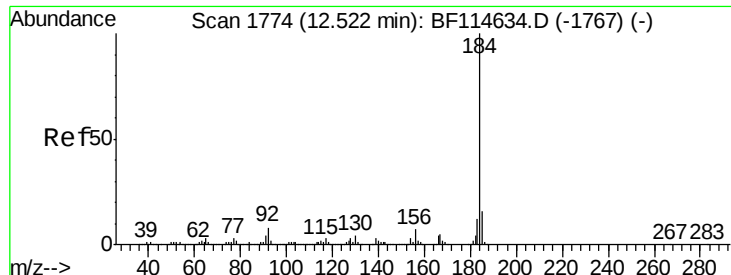


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.024 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

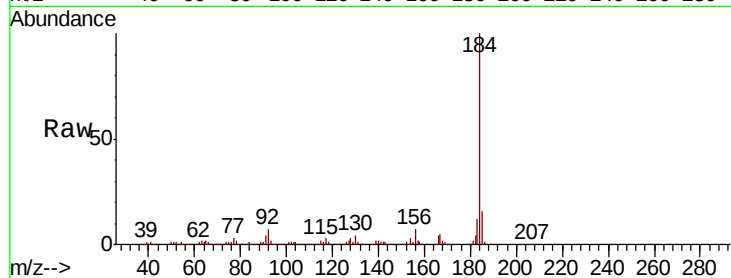
Tot Ion:184 Resp: 1119228

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

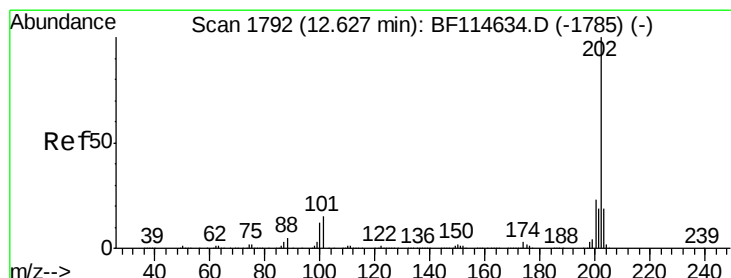
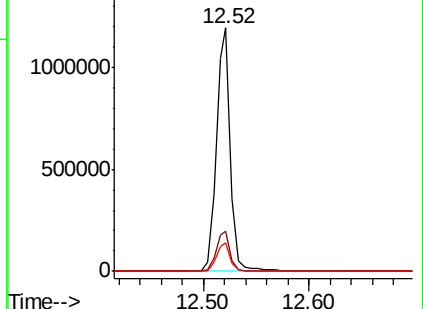
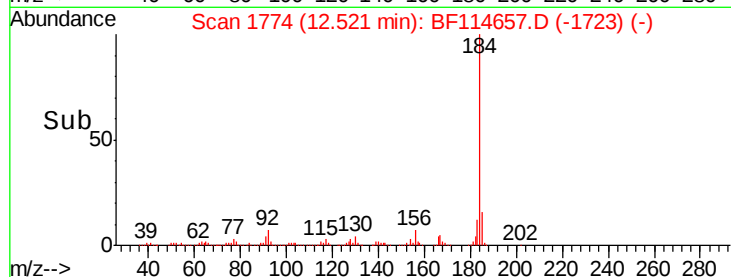
183 11.8 9.4 14.2



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: 33.672 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

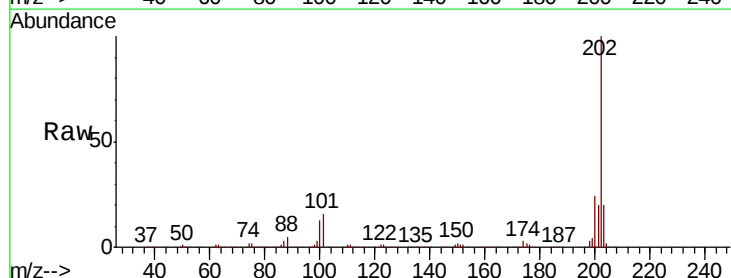
Tgt Ion:202 Resp: 3093844

Ion Ratio Lower Upper

202 100

200 24.1 18.6 28.0

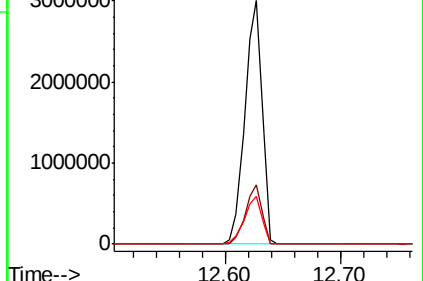
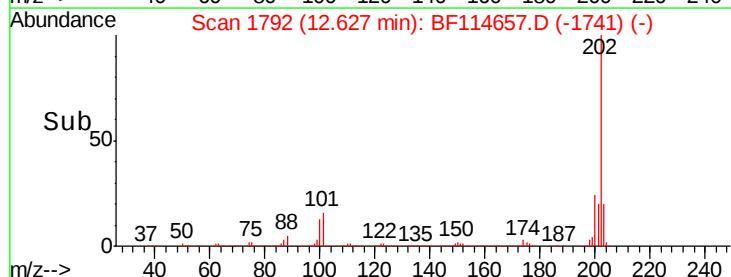
203 19.8 15.4 23.2

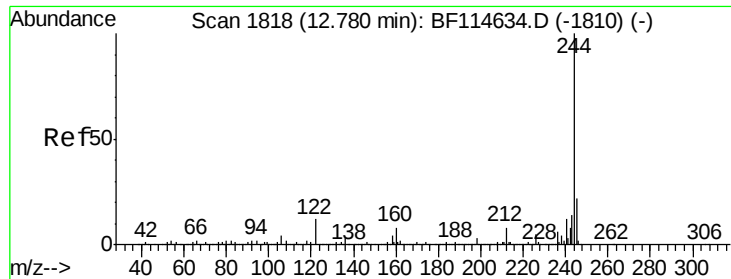


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.374 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

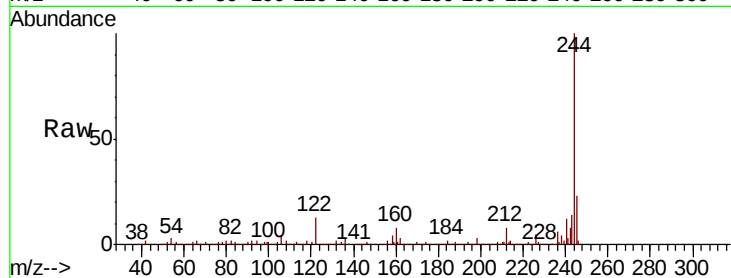
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 4238879

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.6	9.8	14.8

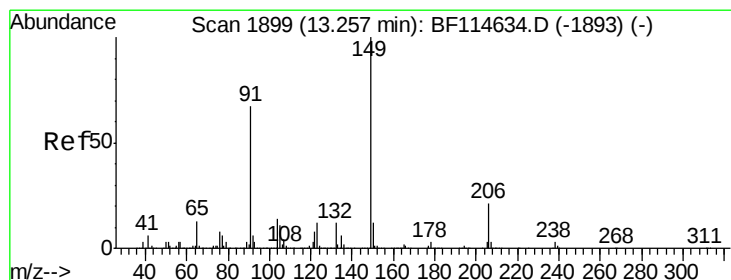
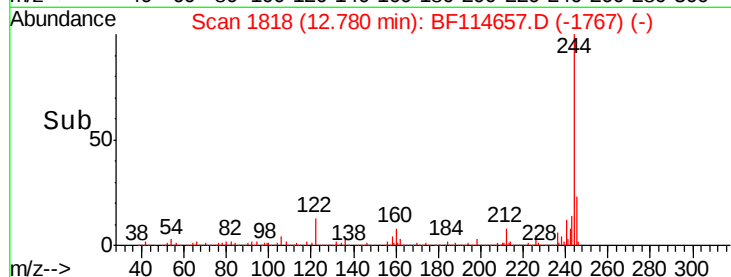
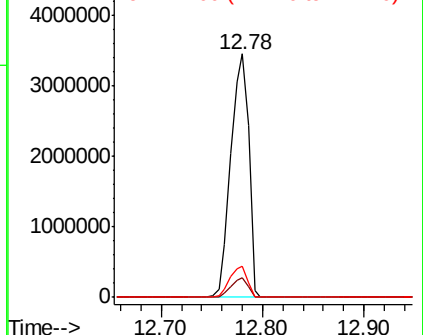


Abundance

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: 33.053 ng

RT: 13.26 min Scan# 1899

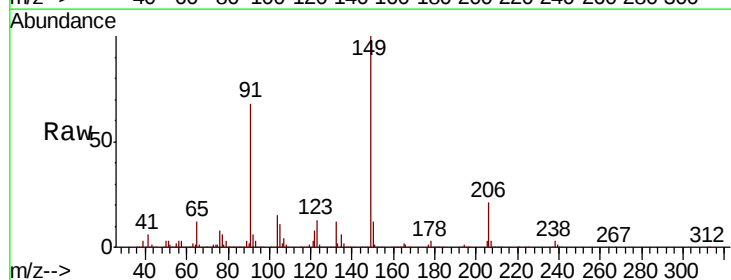
Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Tgt Ion:149 Resp: 1526281

Ion	Ratio	Lower	Upper
149	100		
91	67.7	53.8	80.8
206	21.4	16.9	25.3

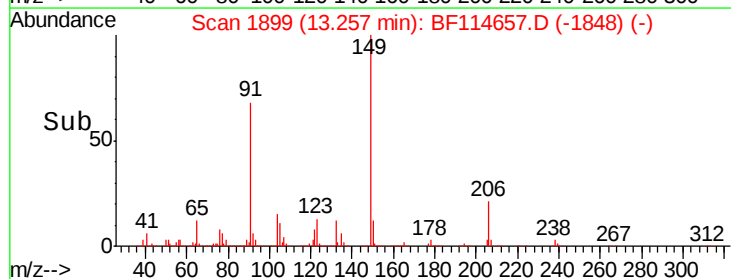
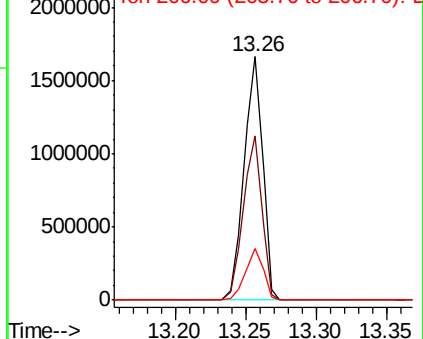


Abundance

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: 33.266 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

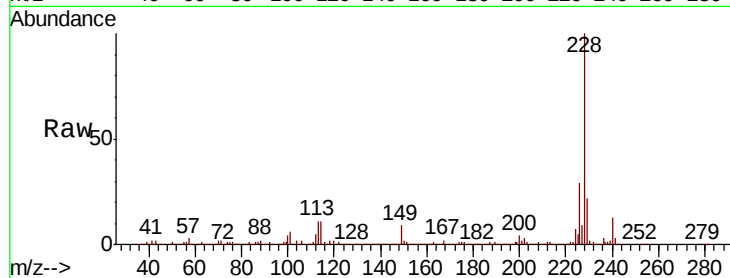
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2776689

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.6	17.0	25.4

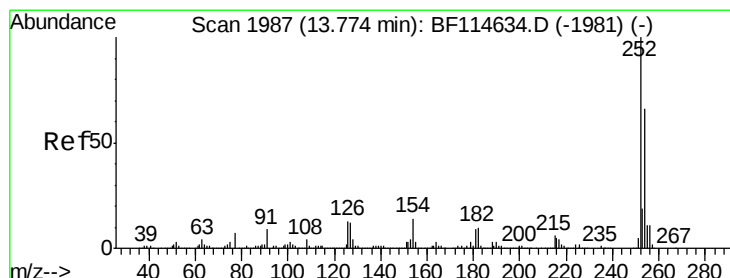
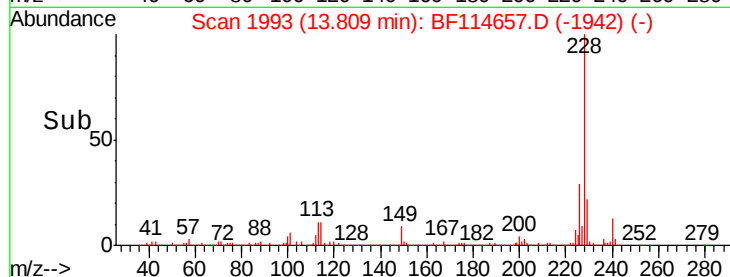
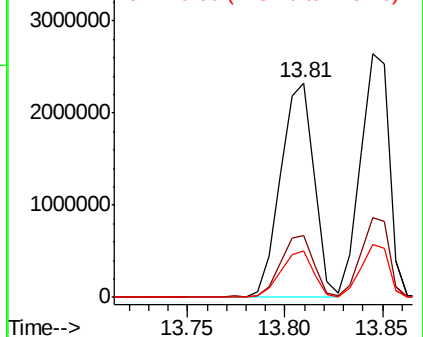


Abundance

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: 27.486 ng

RT: 13.77 min Scan# 1987

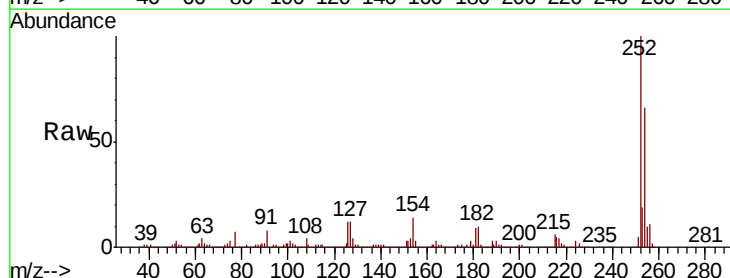
Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Tgt Ion:252 Resp: 885992

Ion	Ratio	Lower	Upper
252	100		
254	66.4	53.1	79.7
126	12.0	10.2	15.2

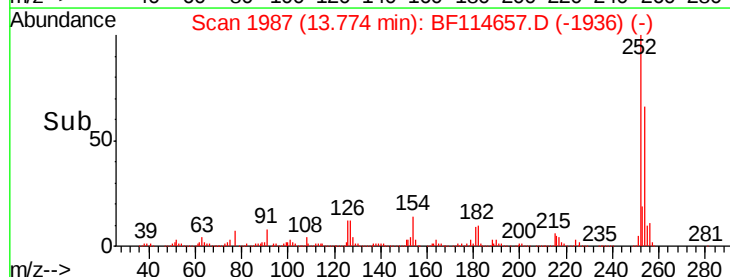
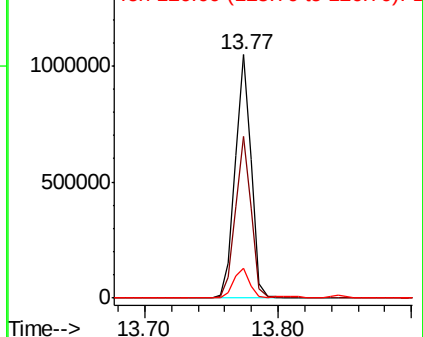


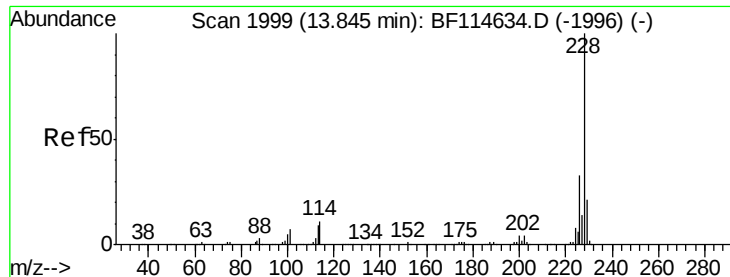
Abundance

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: 33.801 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

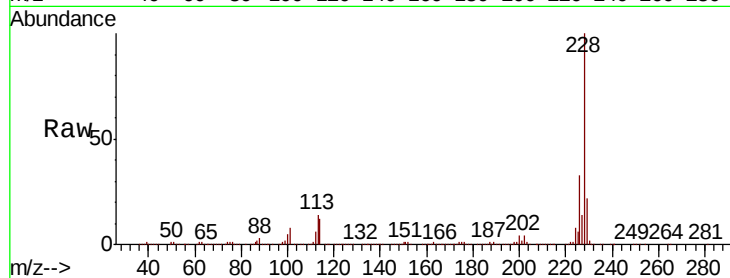
Tot Ion:228 Resp: 2695563

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.4	39.6
229	21.8	17.1	25.7

228 100

226 32.8 26.4 39.6

229 21.8 17.1 25.7

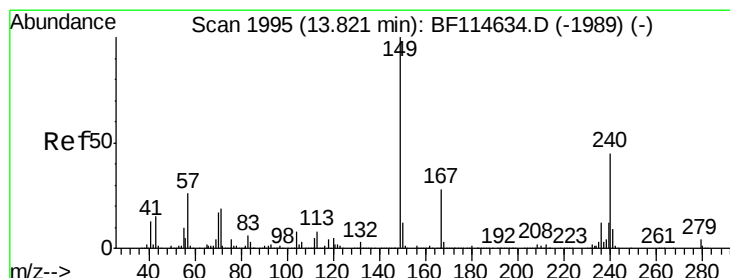
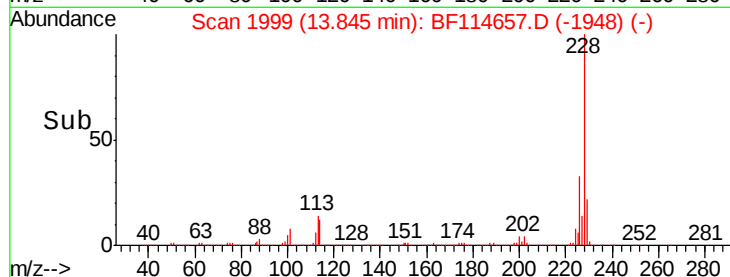
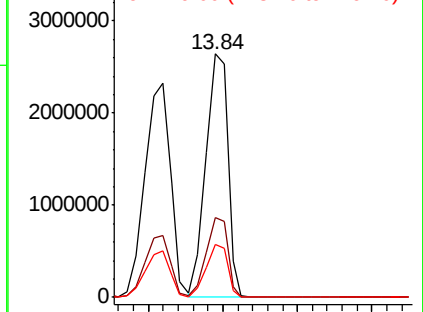


Abundance

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: 32.454 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

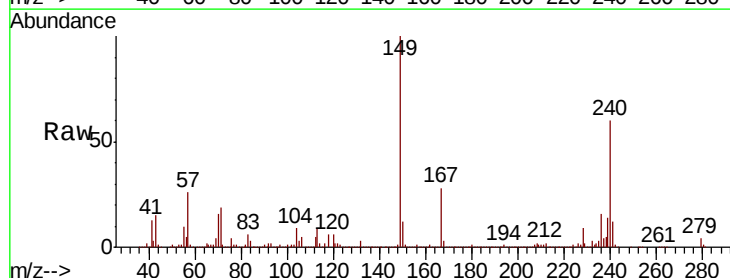
Tgt Ion:149 Resp: 1852704

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	3.8	3.0	4.4

149 100

167 28.3 22.6 33.8

279 3.8 3.0 4.4

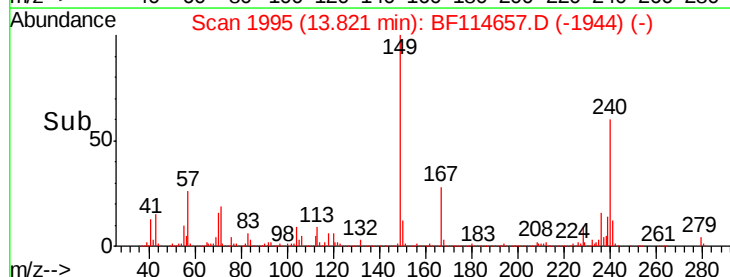
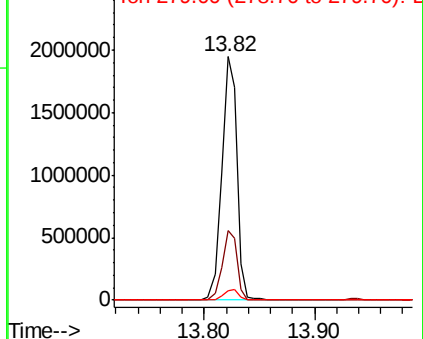


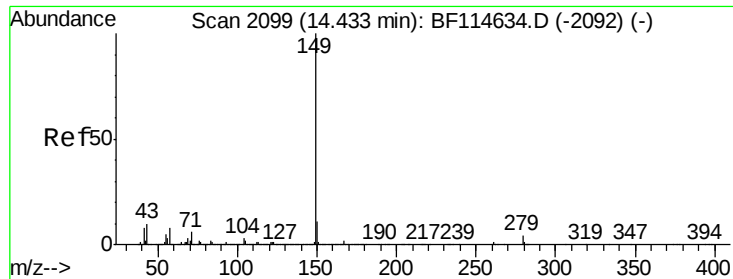
Abundance

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: 33.248 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

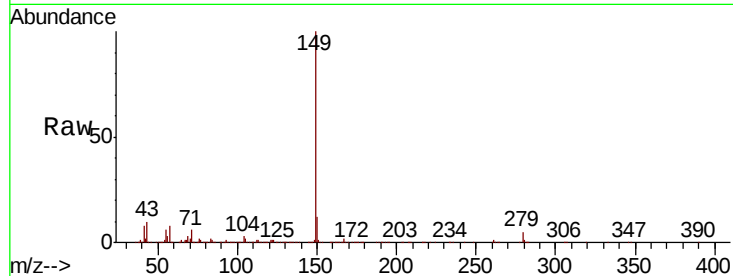
Tot Ion:149 Resp: 3297807

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

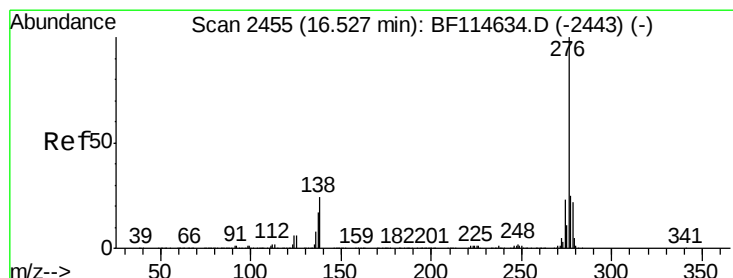
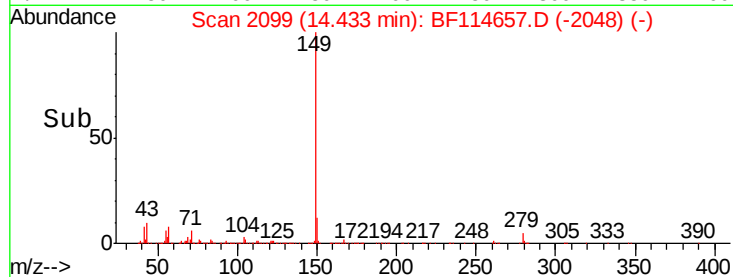
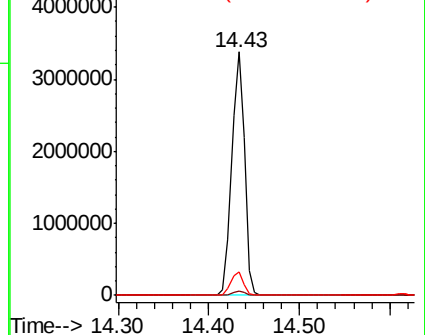
43 9.5 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.397 ng

RT: 16.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

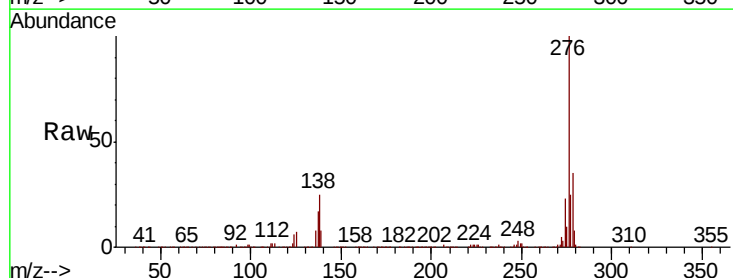
Tgt Ion:276 Resp: 2747354

Ion Ratio Lower Upper

276 100

138 28.2 23.0 34.6

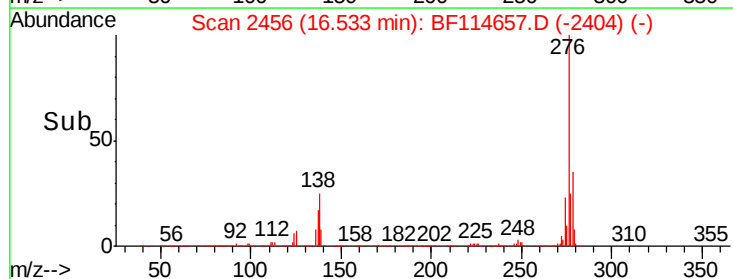
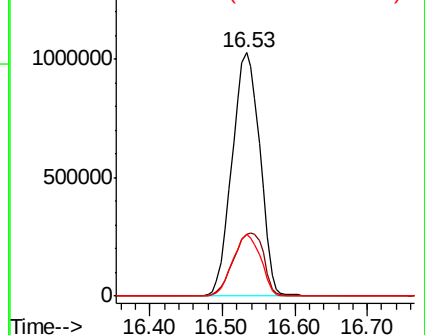
277 25.5 20.5 30.7

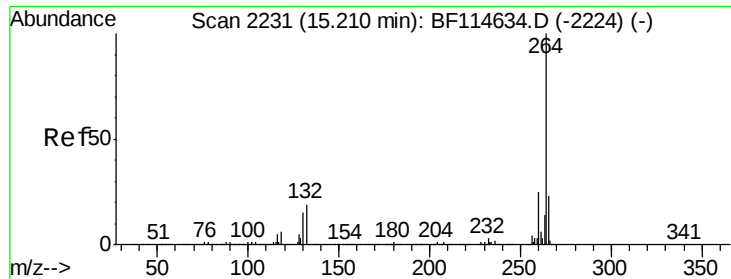


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

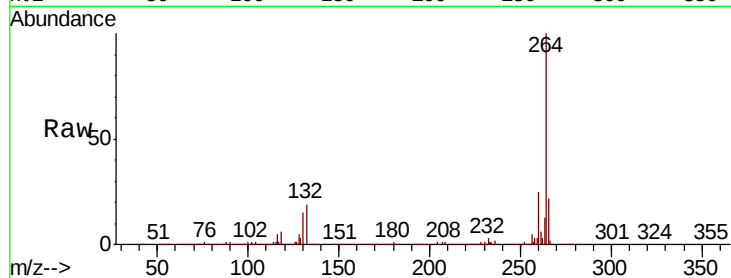
Tot Ion:264 Resp: 1171165

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

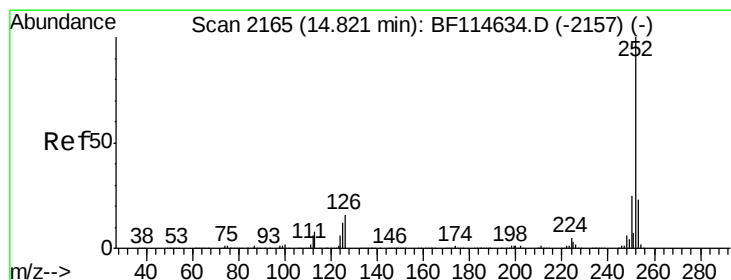
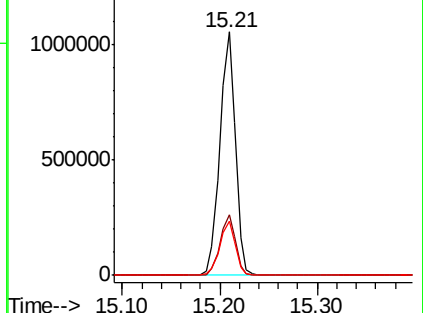
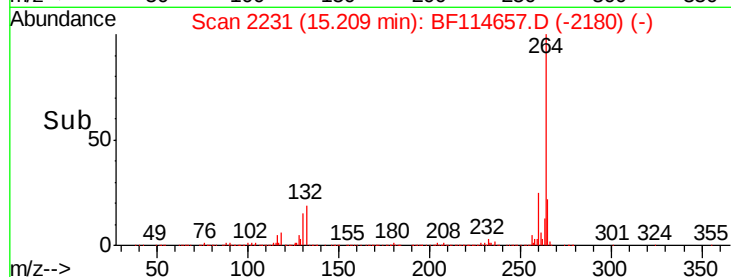
265 22.0 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.872 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF114657.D

Acq: 30 May 2019 13:34

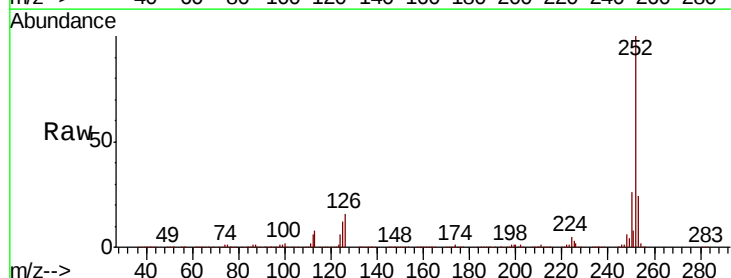
Tgt Ion:252 Resp: 3088665

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

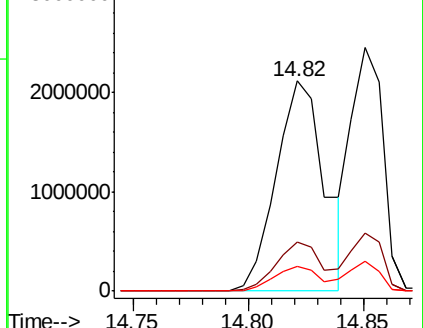
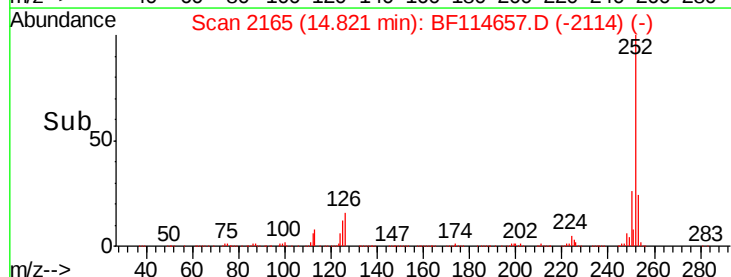
125 12.0 9.4 14.2

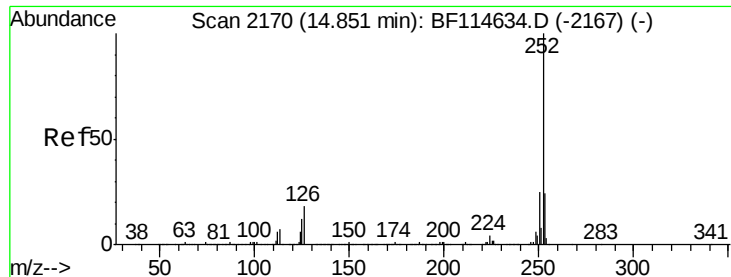


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

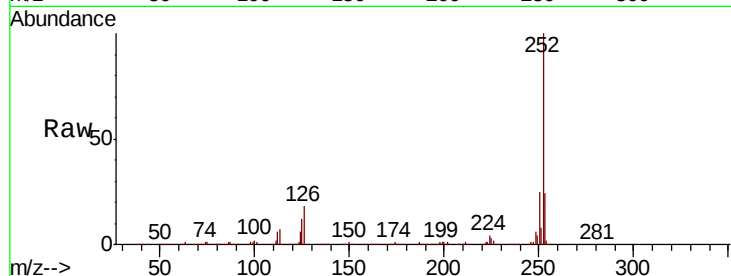




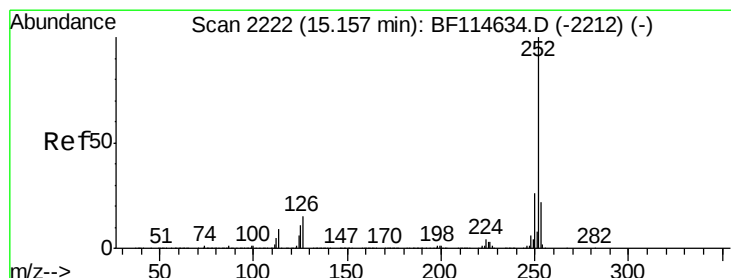
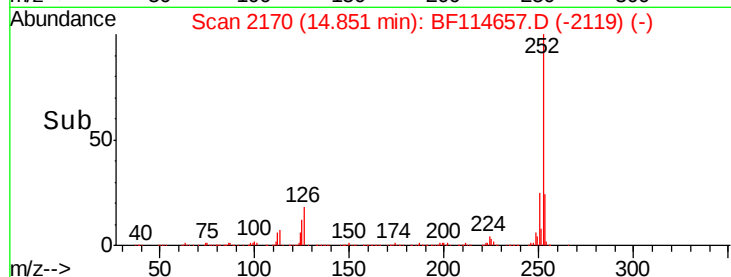
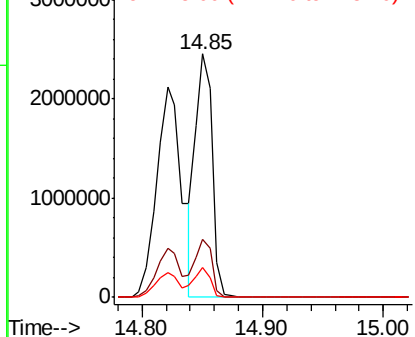
#89
Benzo(k)fluoranthene
Concen: 37.134 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2380798
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 12.4 9.5 14.3

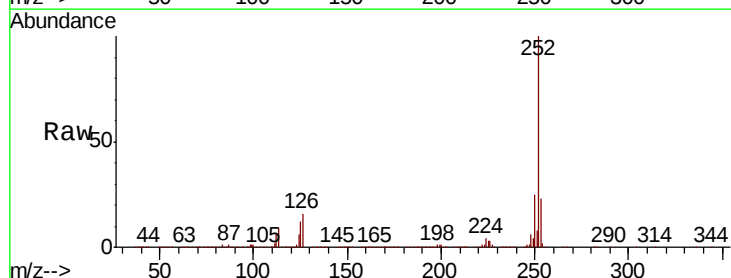


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

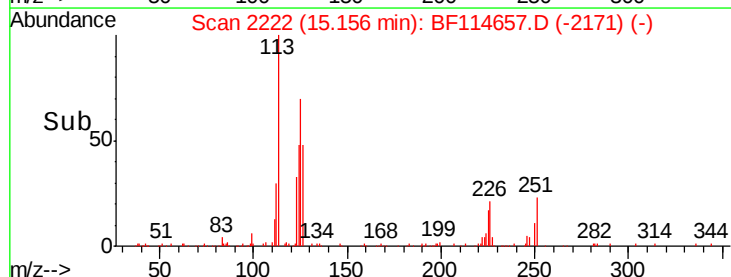
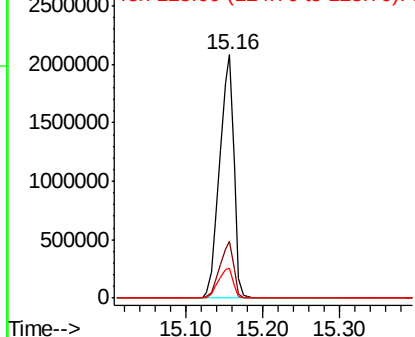


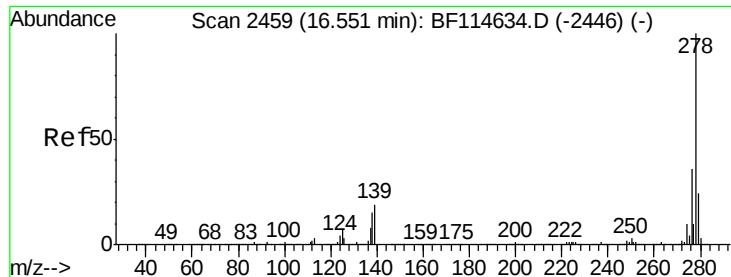
#90
Benzo(a)pyrene
Concen: 40.947 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:252 Resp: 2653405
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 12.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

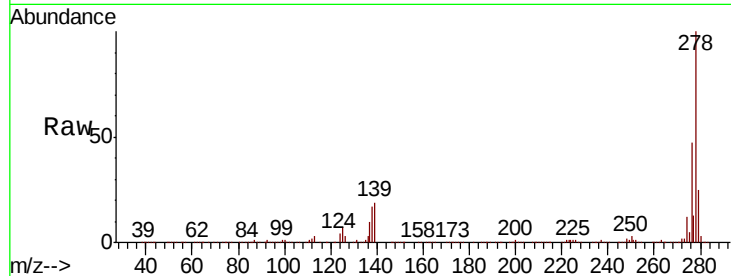




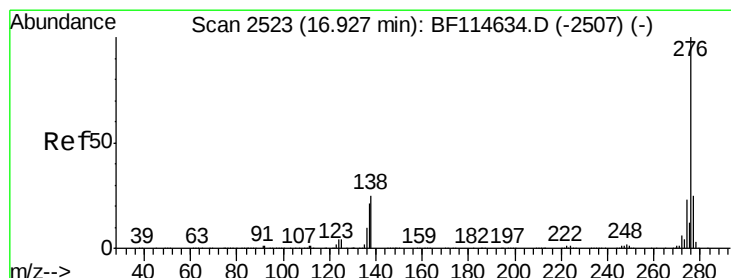
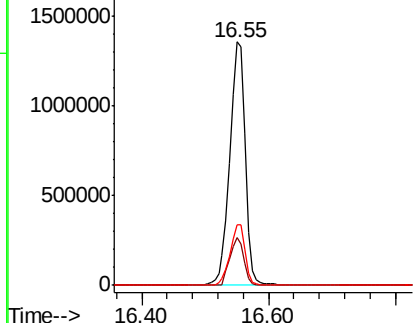
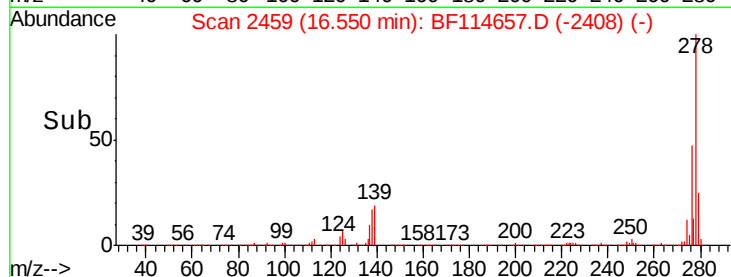
#91
Dibenzo(a,h)anthracene
Concen: 39.632 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2269430
Ion Ratio Lower Upper
278 100
139 19.4 14.9 22.3
279 24.7 19.5 29.3

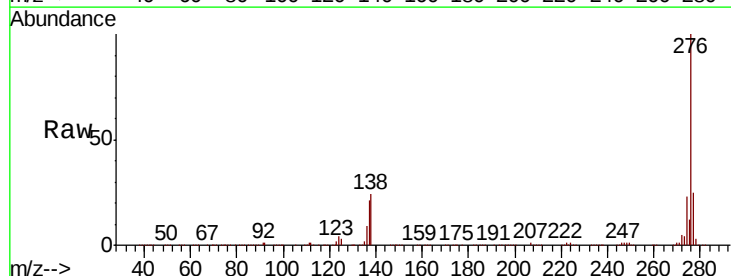


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.286 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BF114657.D
Acq: 30 May 2019 13:34

Tgt Ion:276 Resp: 2238988
Ion Ratio Lower Upper
276 100
277 24.6 19.7 29.5
138 24.1 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

