

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110504.D
 Acq On : 6 Nov 2018 10:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 12:05:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82559	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	348677	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	163406	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	294618	20.00	ng	0.00
76) Chrysene-d12	14.14	240	197578	20.00	ng	0.00
87) Perylene-d12	15.66	264	149253	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	416790	82.21	ng	0.00
7) Phenol-d6	6.58	99	517748	79.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	486285	82.72	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	129396	79.94	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	911825	87.62	ng	0.00
79) Terphenyl-d14	13.07	244	869820	91.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	102554	38.609	ng	91
3) Pyridine	3.59	79	220168	37.215	ng	86
4) n-Nitrosodimethylamine	3.55	42	95172	38.397	ng	# 94
6) Aniline	6.62	93	332743	39.390	ng	# 53
8) 2-Chlorophenol	6.74	128	238288	40.768	ng	97
9) Benzaldehyde	6.51	77	143092	37.257	ng	98
10) Phenol	6.59	94	271578	39.180	ng	# 66
11) bis(2-Chloroethyl)ether	6.69	93	223250	39.148	ng	92
12) 1,3-Dichlorobenzene	6.90	146	260379	40.479	ng	96
13) 1,4-Dichlorobenzene	6.97	146	268206	41.228	ng	100
14) 1,2-Dichlorobenzene	7.13	146	249343	41.287	ng	98
15) Benzyl Alcohol	7.09	79	204923	41.088	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	363955	39.916	ng	70
17) 2-Methylphenol	7.20	107	188589	40.485	ng	# 82
18) Hexachloroethane	7.46	117	98918	41.531	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	164645	39.576	ng	95
20) 3+4-Methylphenols	7.36	107	240848	39.999	ng	# 87
22) Acetophenone	7.36	105	328751	40.919	ng	# 96
24) Nitrobenzene	7.54	77	247649	40.804	ng	97
25) Isophorone	7.77	82	386677	38.588	ng	97
26) 2-Nitrophenol	7.86	139	125357	43.404	ng	89
27) 2,4-Dimethylphenol	7.88	122	188935	39.457	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	270198	39.692	ng	99
29) 2,4-Dichlorophenol	8.09	162	196508	40.621	ng	97
30) 1,2,4-Trichlorobenzene	8.17	180	222604	41.081	ng	95
31) Naphthalene	8.26	128	646725	40.244	ng	100
32) Benzoic acid	8.01	122	133187	35.988	ng	94
33) 4-Chloroaniline	8.31	127	290486	40.164	ng	98
34) Hexachlorobutadiene	8.37	225	126161	41.932	ng	98
35) Caprolactam	8.69	113	64092	38.012	ng	# 86
36) 4-Chloro-3-methylphenol	8.79	107	208433	39.844	ng	97
37) 2-Methylnaphthalene	8.95	142	431598	40.592	ng	98
38) 1-Methylnaphthalene	9.05	142	410069	39.910	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	209854	41.218	ng	99

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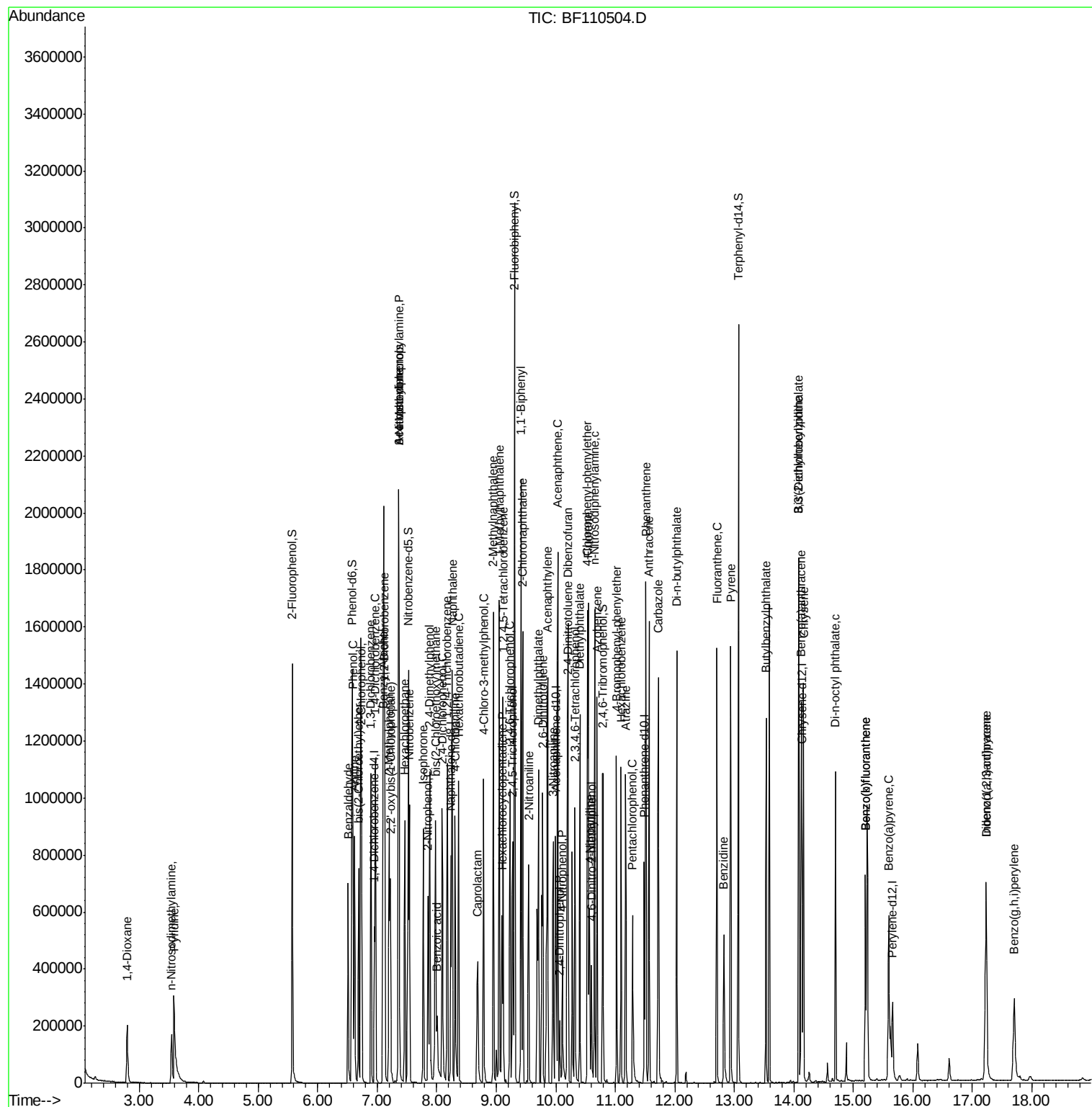
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	87826	33.735	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	131396	40.012	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	139886	40.299	ng	95
46) 1,1'-Biphenyl	9.42	154	610671	41.327	ng	99
47) 2-Chloronaphthalene	9.45	162	445437	41.095	ng	100
48) 2-Nitroaniline	9.55	65	135832	41.354	ng	89
49) Acenaphthylene	9.86	152	639902	40.874	ng	99
50) Dimethylphthalate	9.71	163	479934	39.788	ng	100
51) 2,6-Dinitrotoluene	9.78	165	109060	41.974	ng	94
52) Acenaphthene	10.03	154	395389	38.176	ng	98
53) 3-Nitroaniline	9.96	138	121913	39.456	ng	91
54) 2,4-Dinitrophenol	10.07	184	34113	36.116	ng	92
55) Dibenzofuran	10.20	168	583324	40.228	ng	97
56) 4-Nitrophenol	10.11	139	78027	34.120	ng	95
57) 2,4-Dinitrotoluene	10.19	165	140695	42.632	ng	# 86
58) Fluorene	10.55	166	441096	40.872	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	110984	39.226	ng	94
60) Diethylphthalate	10.40	149	472236	40.106	ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	232443	40.829	ng	99
62) 4-Nitroaniline	10.57	138	119177	38.780	ng	96
63) Azobenzene	10.69	77	467200	39.974	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	54756	40.680	ng	97
66) n-Nitrosodiphenylamine	10.65	169	409292	42.355	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	135149	42.290	ng	98
68) Hexachlorobenzene	11.10	284	139901	41.259	ng	95
69) Atrazine	11.17	200	123777	40.531	ng	97
70) Pentachlorophenol	11.29	266	77850	39.374	ng	96
71) Phenanthrene	11.52	178	633721	41.109	ng	100
72) Anthracene	11.57	178	645845	41.797	ng	98
73) Carbazole	11.72	167	625708	41.473	ng	100
74) Di-n-butylphthalate	12.03	149	719475	42.224	ng	99
75) Fluoranthene	12.70	202	629355	40.227	ng	99
77) Benzidine	12.82	184	246602	44.198	ng	98
78) Pyrene	12.94	202	635387	44.857	ng	97
80) Butylbenzylphthalate	13.53	149	271211	44.113	ng	99
81) Benzo(a)anthracene	14.13	228	479171	40.896	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	157613	38.631	ng	99
83) Chrysene	14.16	228	455099	40.894	ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	338311	40.707	ng	95
85) Di-n-octyl phthalate	14.70	149	502677	38.898	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	357179	38.688	ng	97
88) Benzo(b)fluoranthene	15.20	252	371392	43.091	ng	99
89) Benzo(k)fluoranthene	15.20	252	371392	43.832	ng	98
90) Benzo(a)pyrene	15.59	252	324741	40.947	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	295913	43.243	ng	99
92) Benzo(g,h,i)perylene	17.70	276	292648	43.399	ng	97

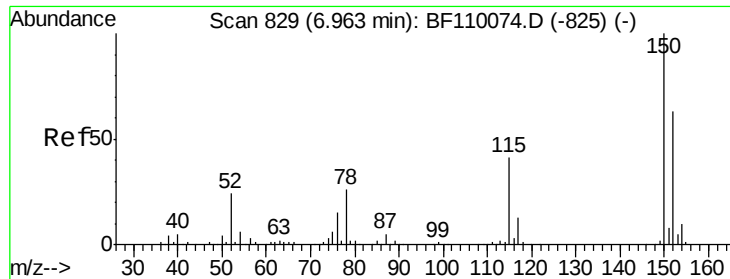
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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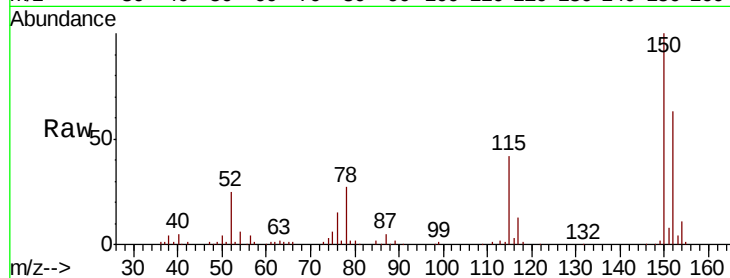


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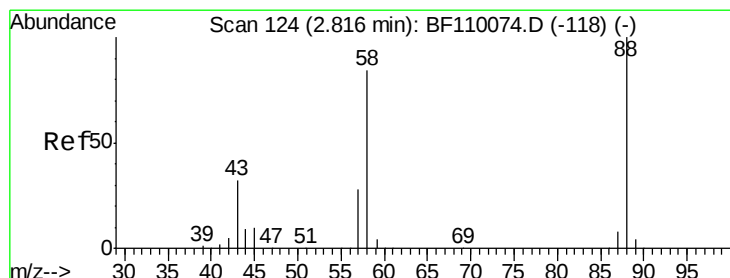
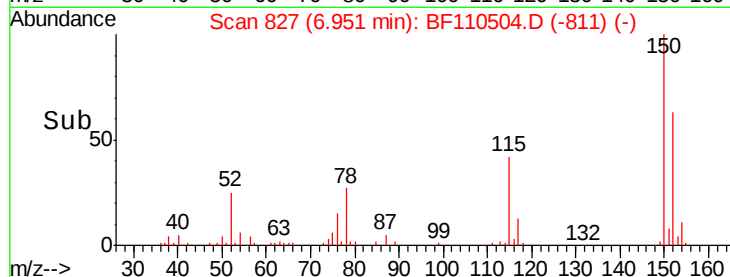
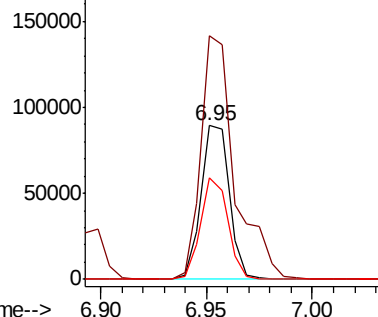
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82559
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 65.9 49.1 73.7



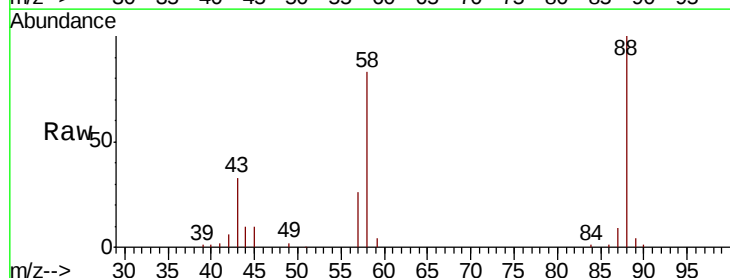
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



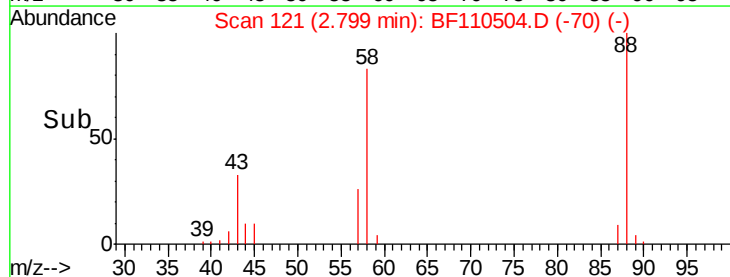
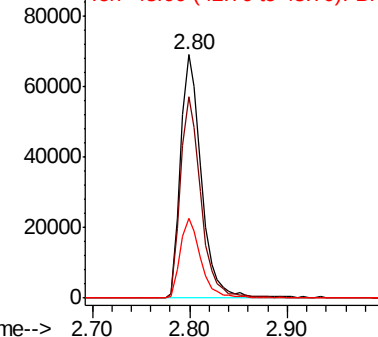
#2

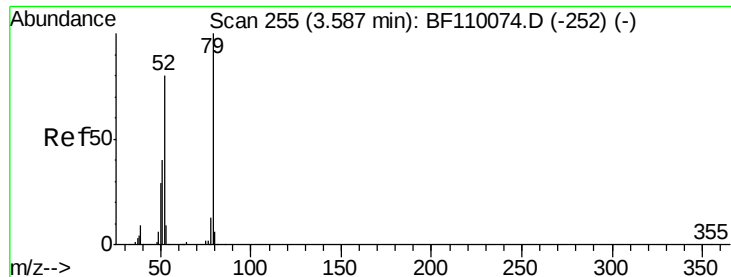
1,4-Dioxane
Concen: 38.609 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion: 88 Resp: 102554
Ion Ratio Lower Upper
88 100
58 80.9 57.1 85.7
43 32.0 24.1 36.1



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: 37.215 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

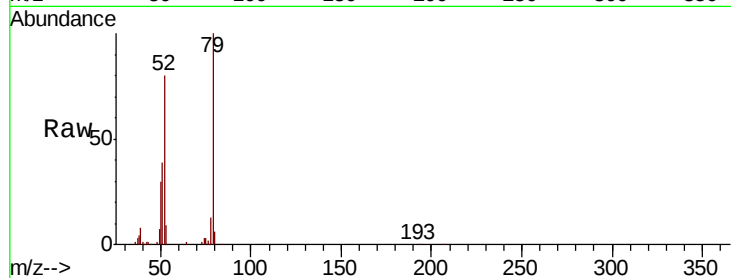
Tot Ion: 79 Resp: 220168

Ion Ratio Lower Upper

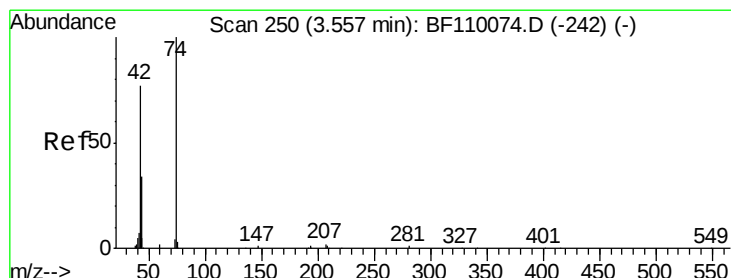
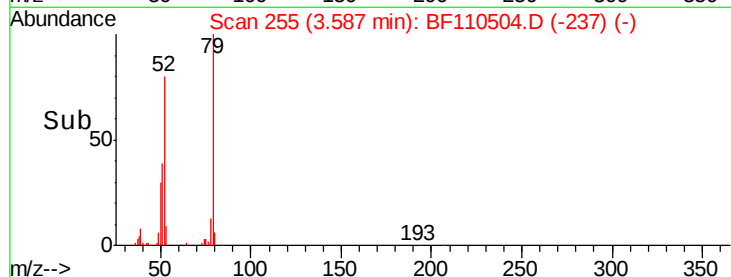
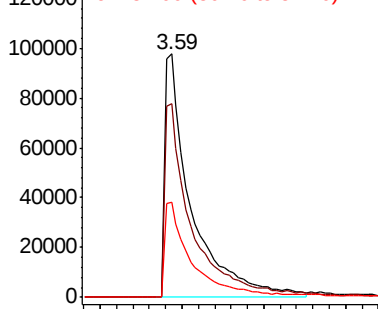
79 100

52 79.6 53.1 79.7

51 39.3 27.4 41.2



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: 38.397 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

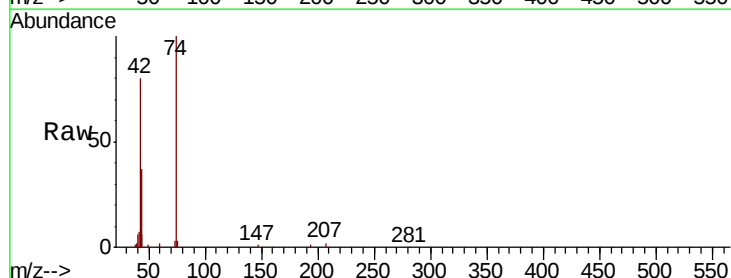
Tgt Ion: 42 Resp: 95172

Ion Ratio Lower Upper

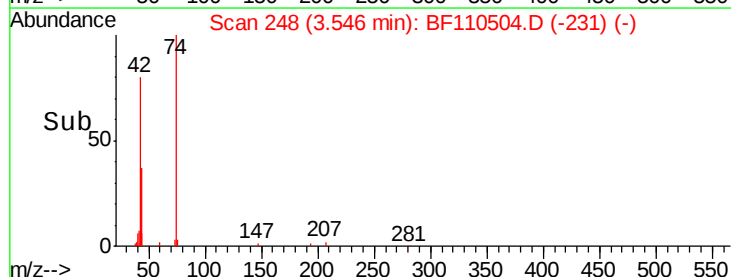
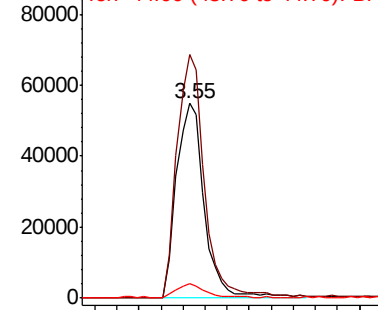
42 100

74 125.2 105.5 158.3

44 7.4 4.9 7.3#



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: 82.211 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampled :

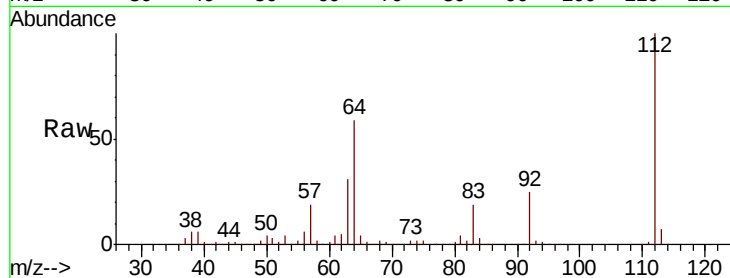
Tot Ion:112 Resp: 416790

Ion Ratio Lower Upper

112 100

64 59.3 44.1 66.1

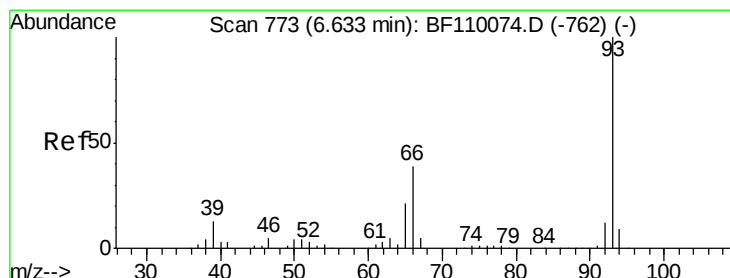
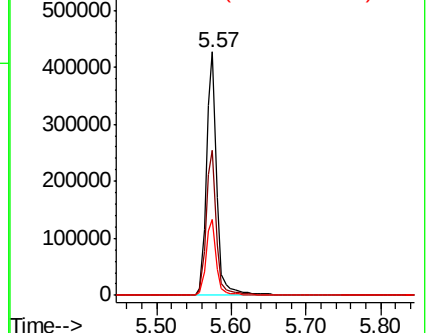
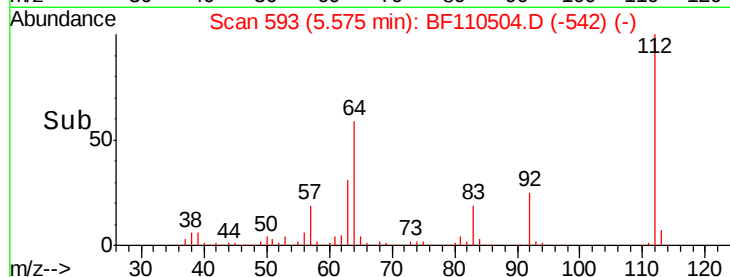
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.390 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

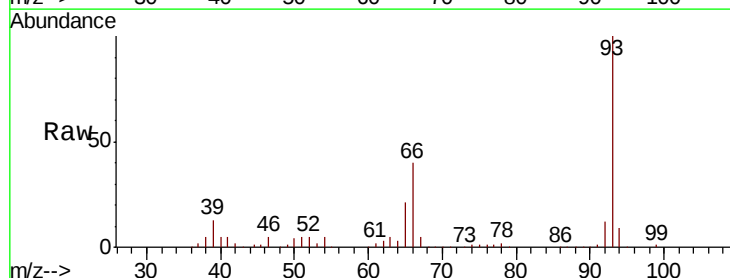
Tgt Ion: 93 Resp: 332743

Ion Ratio Lower Upper

93 100

66 40.1 67.4 101.0#

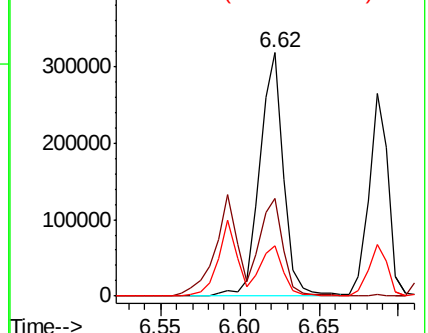
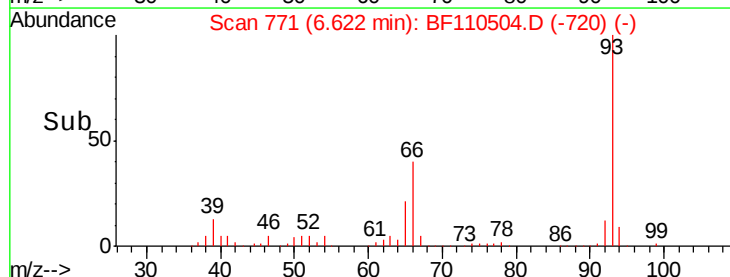
65 20.9 41.0 61.4#

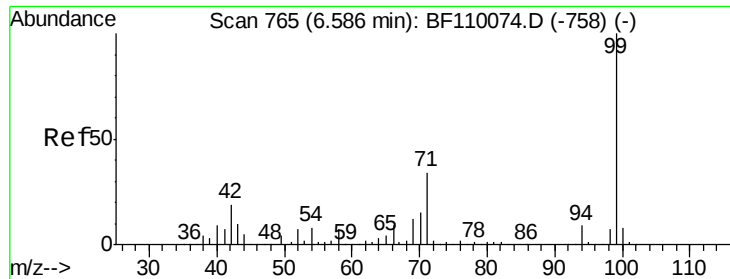


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.842 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

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BNA_F

ClientSampleId :

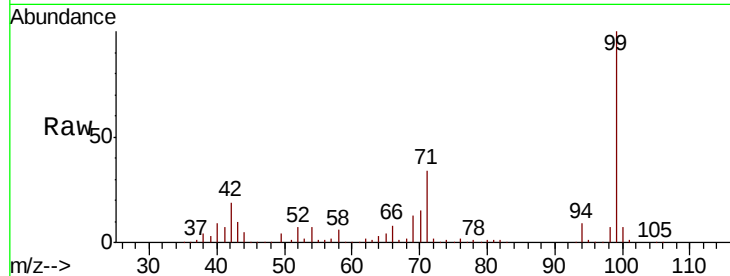
Tot Ion: 99 Resp: 517748

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

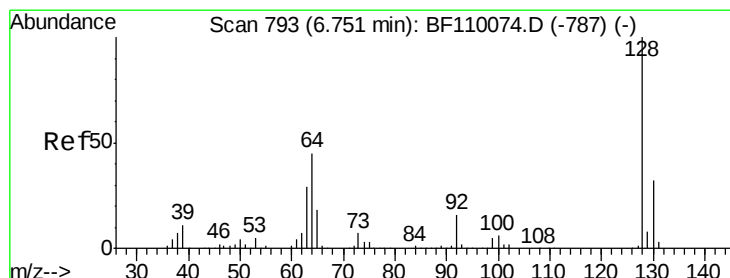
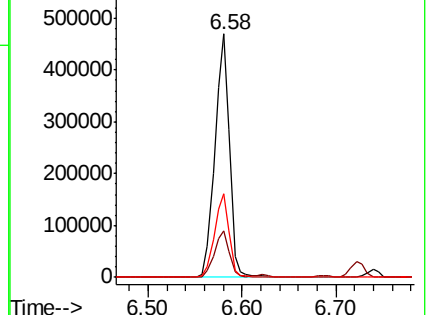
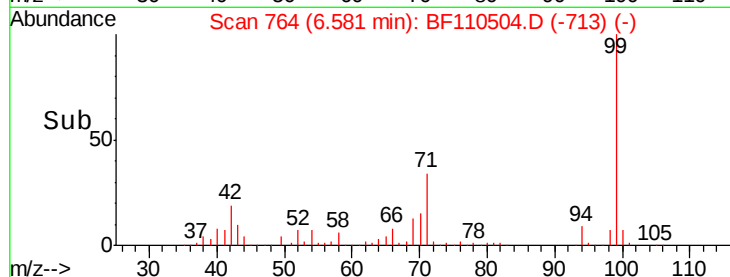
71 34.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.768 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

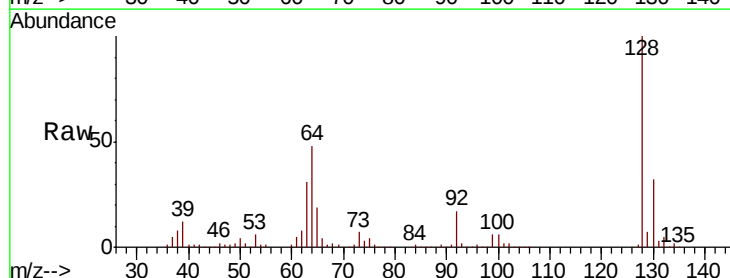
Tgt Ion:128 Resp: 238288

Ion Ratio Lower Upper

128 100

130 32.0 13.1 53.1

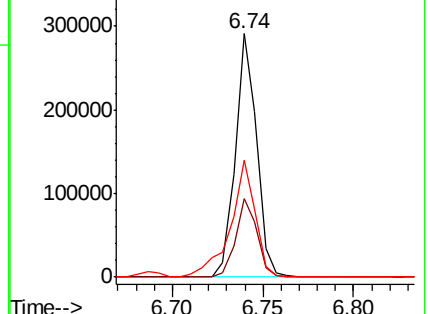
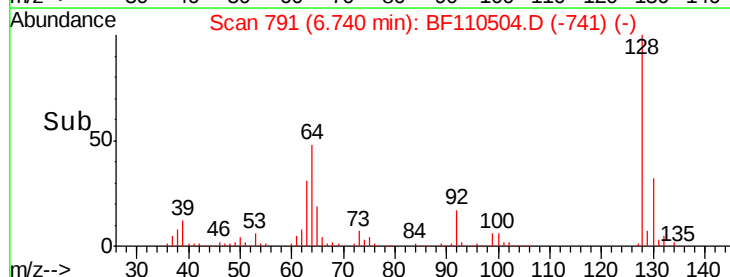
64 48.1 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

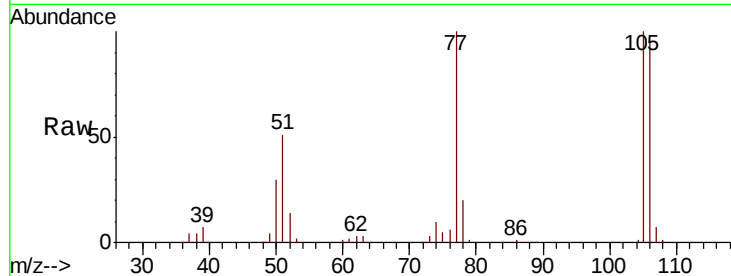




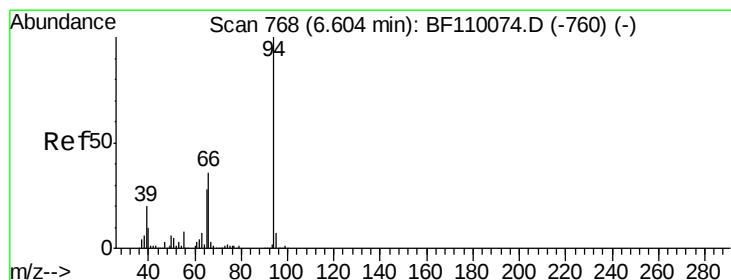
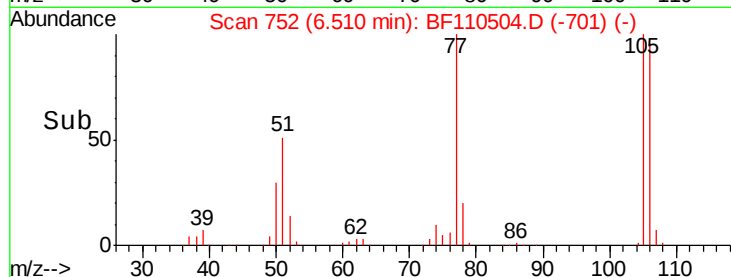
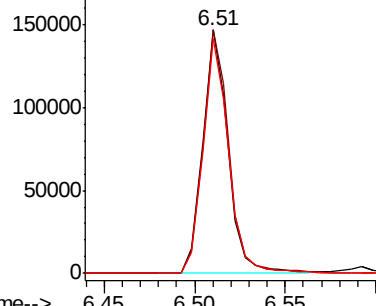
#9
Benzaldehyde
Concen: 37.257 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 143092
Ion Ratio Lower Upper
77 100
105 100.0 78.6 118.6
106 96.4 74.8 114.8

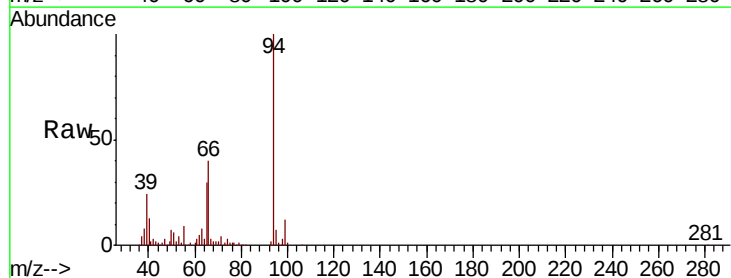


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

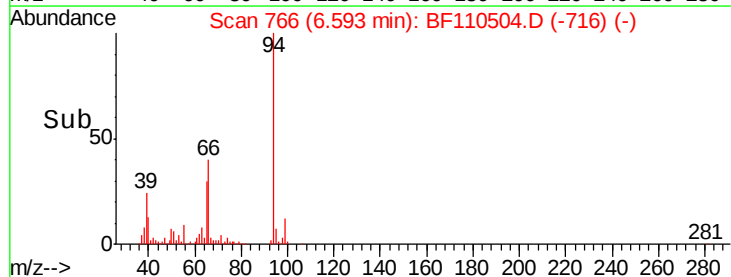
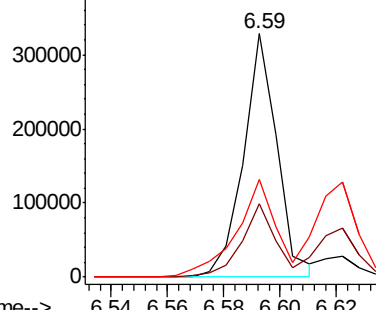


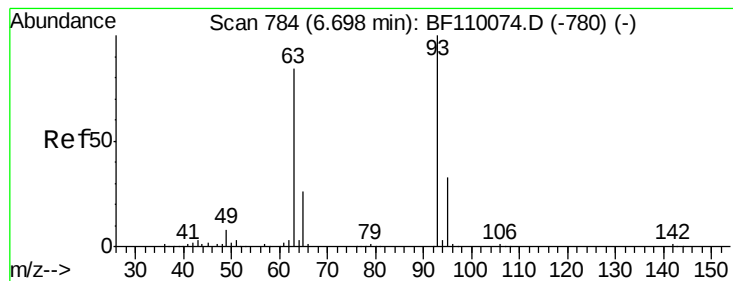
#10
Phenol
Concen: 39.180 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion: 94 Resp: 271578
Ion Ratio Lower Upper
94 100
65 30.2 25.3 65.3
66 40.2 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

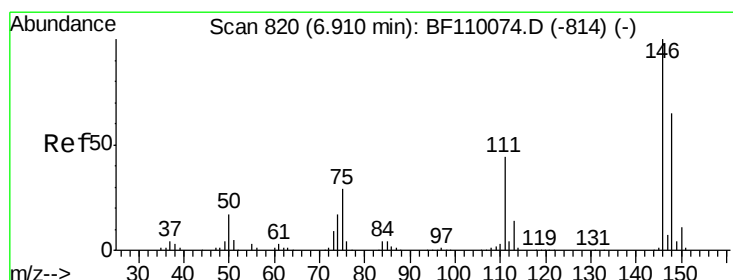
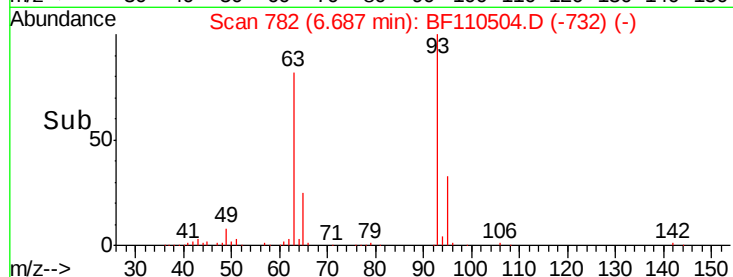
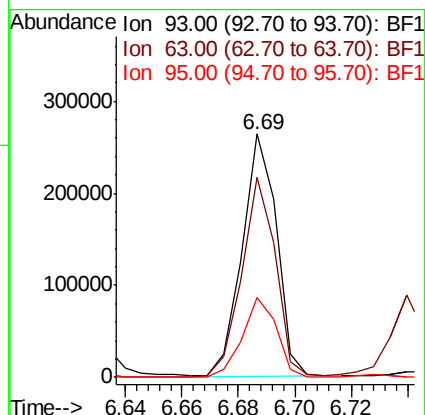
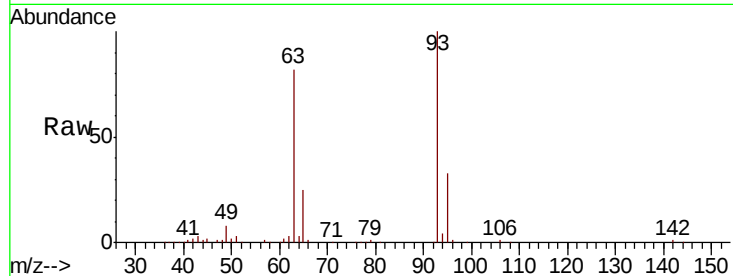




#11
bis(2-Chloroethyl)ether
Concen: 39.148 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

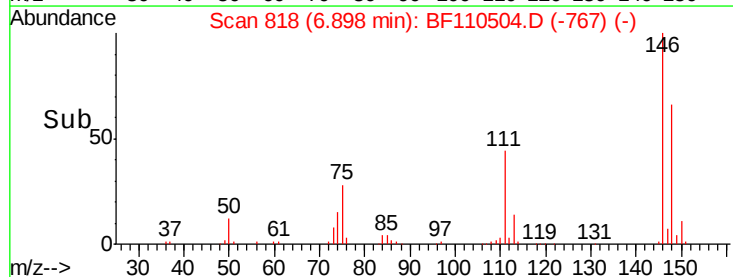
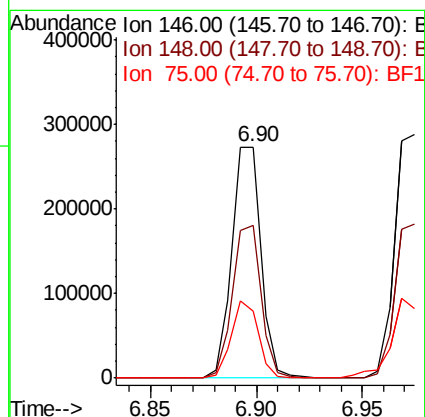
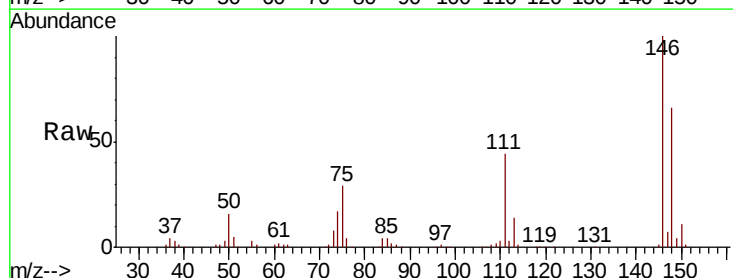
Instrument :
BNA_F
ClientSampleId :

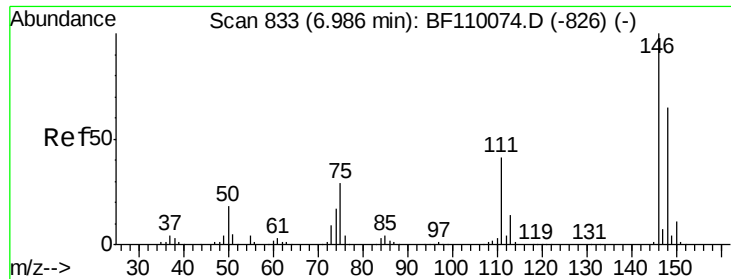
Tot Ion: 93 Resp: 223250
Ion Ratio Lower Upper
93 100
63 82.2 53.4 93.4
95 32.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.479 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion: 146 Resp: 260379
Ion Ratio Lower Upper
146 100
148 65.9 50.4 75.6
75 28.9 25.8 38.6

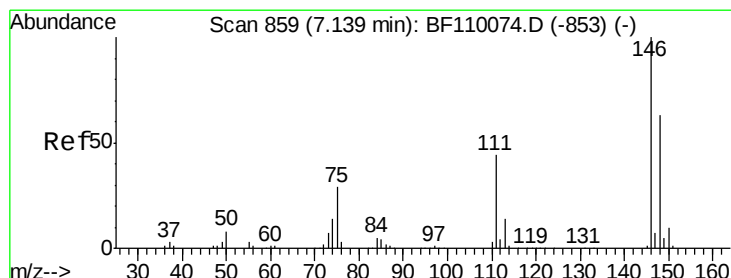
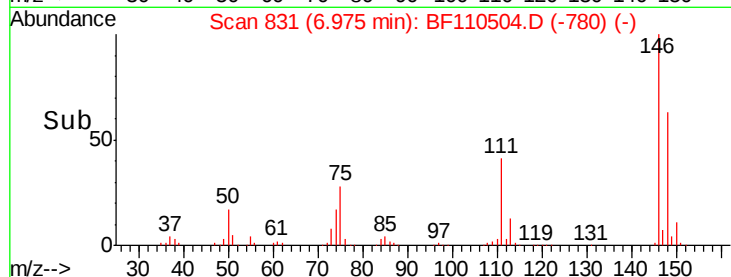
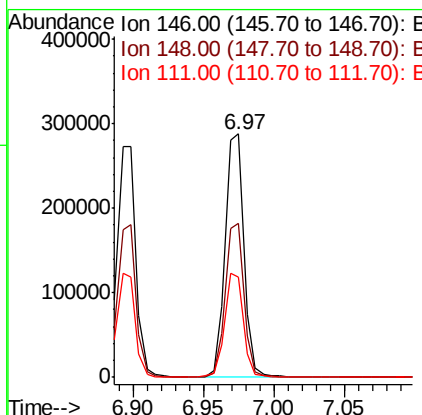
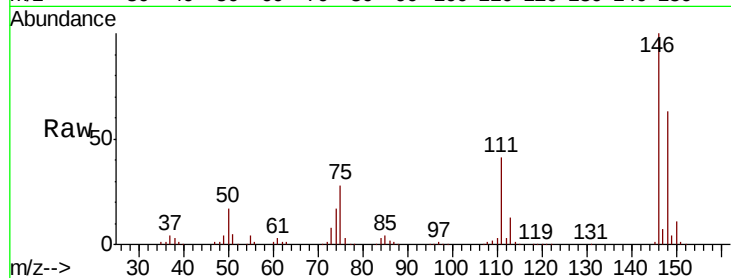




#13
 1,4-Dichlorobenzene
 Concen: 41.228 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

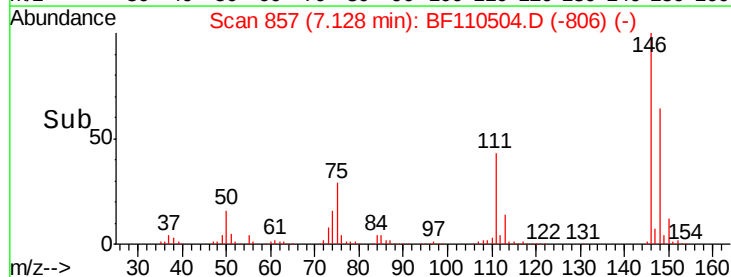
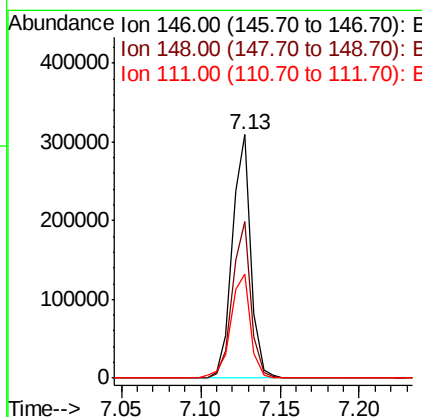
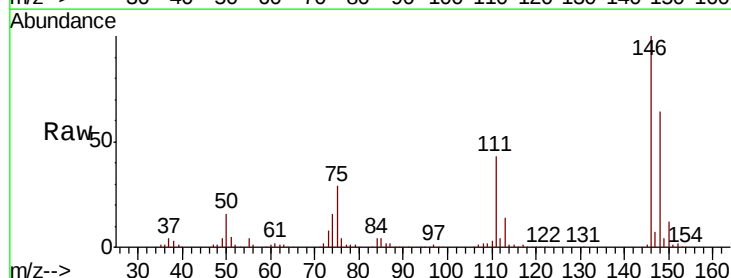
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	41.3	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.287 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	42.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 41.088 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

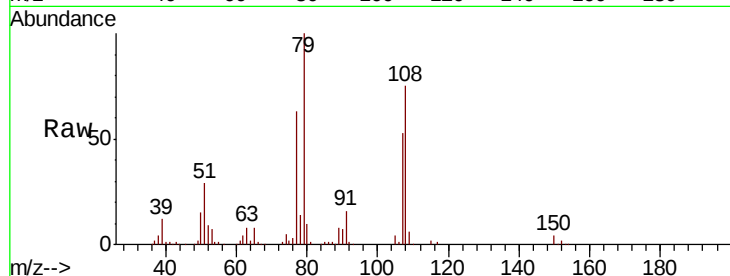
Tot Ion: 79 Resp: 204923

Ion Ratio Lower Upper

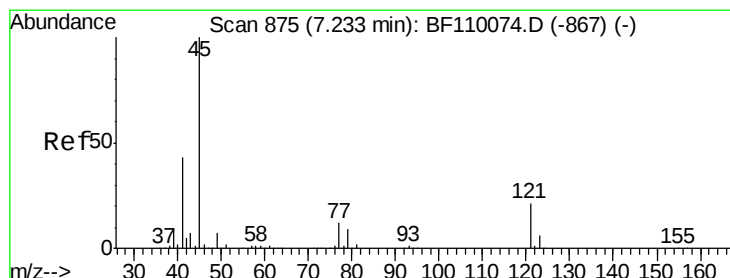
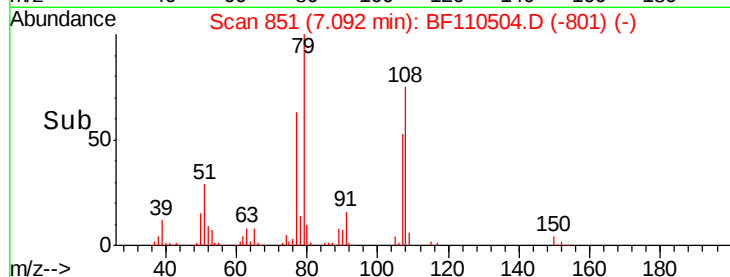
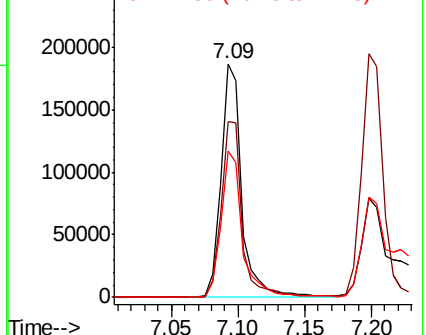
79 100

108 75.0 56.3 84.5

77 62.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.916 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

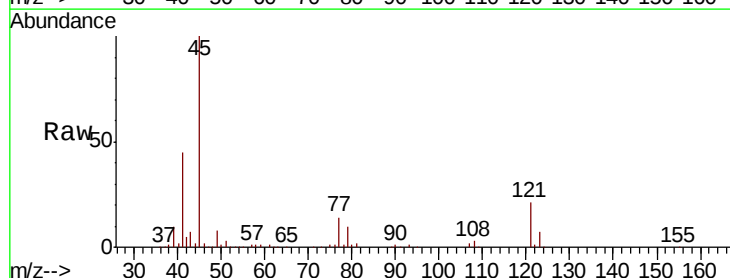
Tgt Ion: 45 Resp: 363955

Ion Ratio Lower Upper

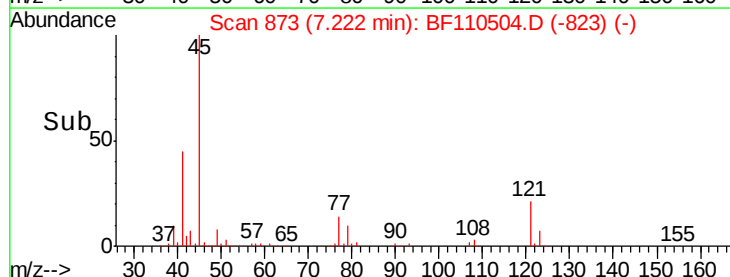
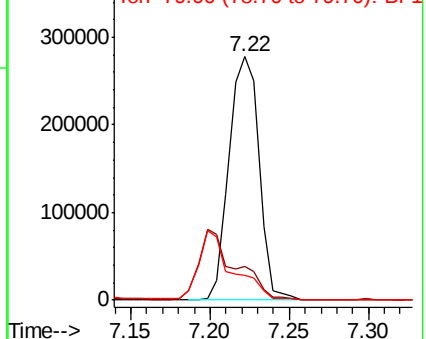
45 100

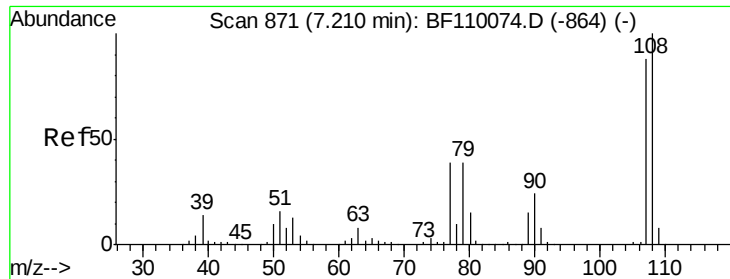
77 13.7 10.0 50.0

79 10.3 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

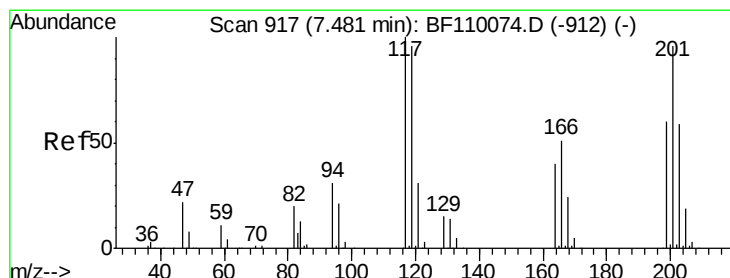
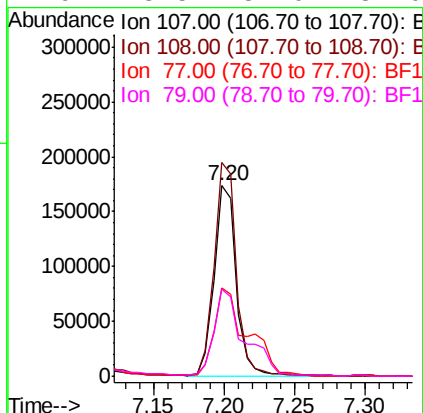
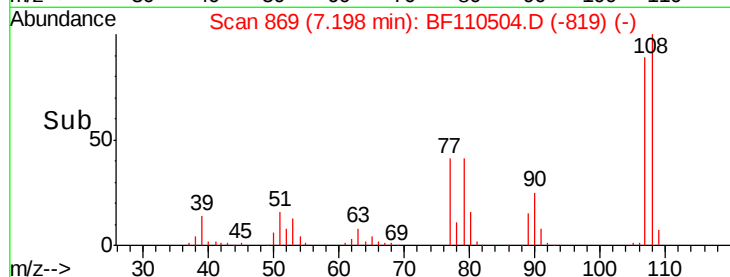
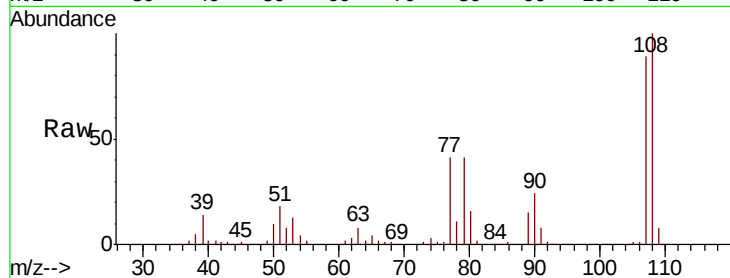




#17
2-Methylphenol
Concen: 40.485 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

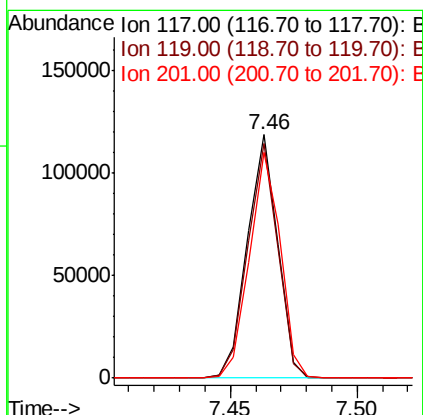
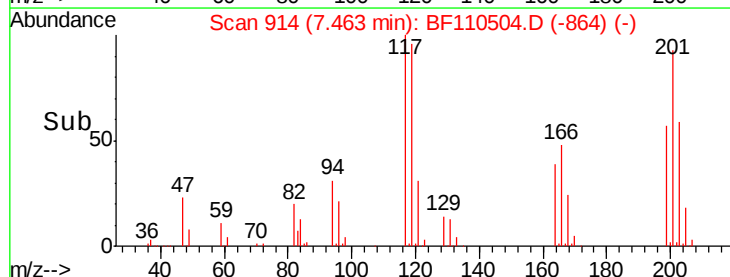
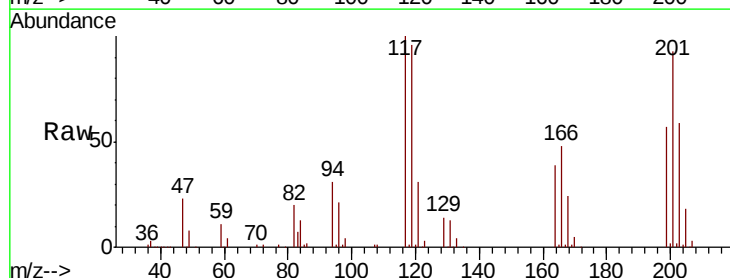
Instrument :
BNA_F
ClientSampled :

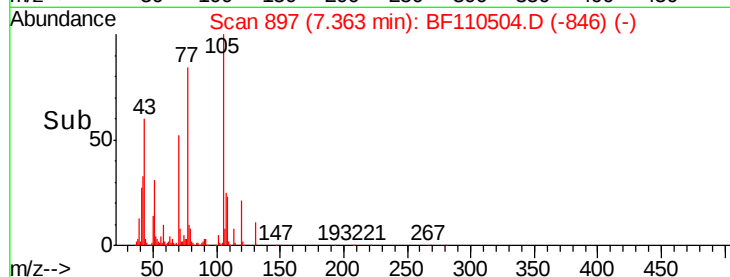
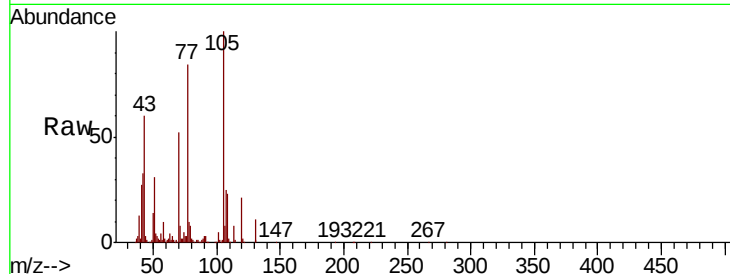
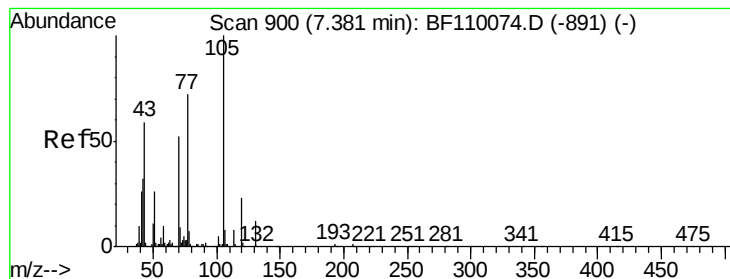
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.6	138.8
77	46.5	59.4	89.2#
79	45.5	54.0	81.0#



#18
Hexachloroethane
Concen: 41.531 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	92.7	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.576 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 164645

Ion Ratio Lower Upper

70 100

42 64.1 47.4 71.2

101 10.0 7.3 10.9

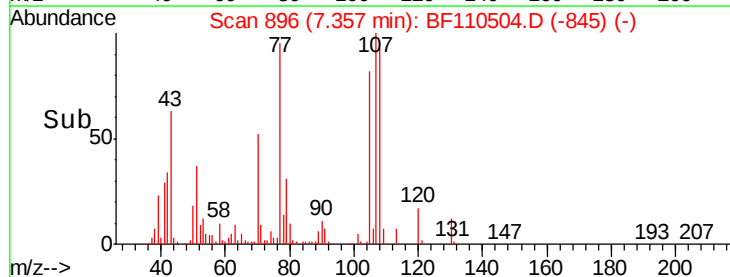
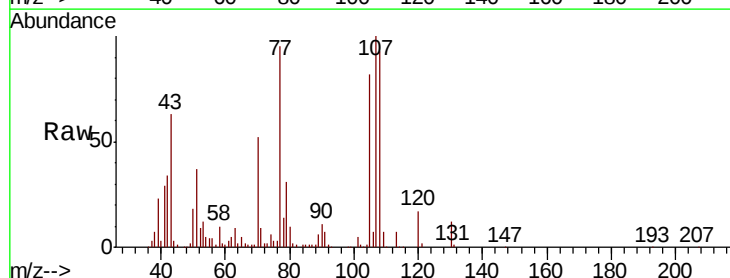
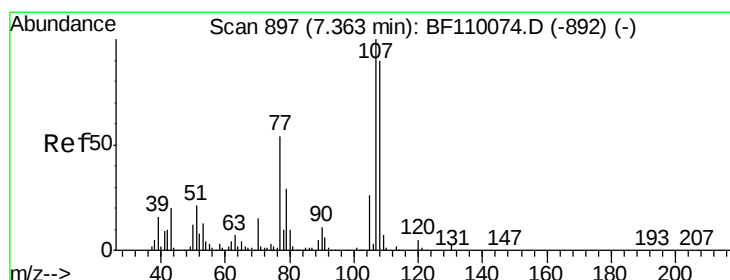
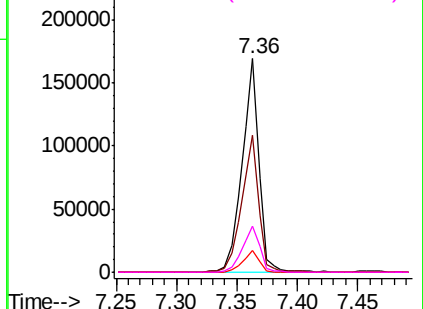
130 21.8 16.2 24.2

Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.999 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Tgt Ion:107 Resp: 240848

Ion Ratio Lower Upper

107 100

108 92.9 71.4 111.4

77 95.3 47.3 87.3#

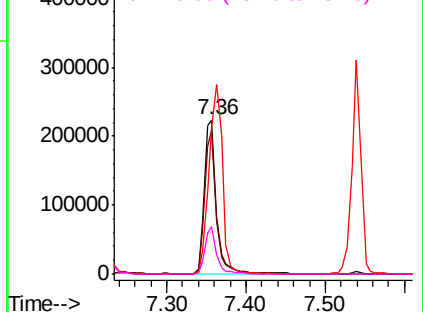
79 31.0 10.9 50.9

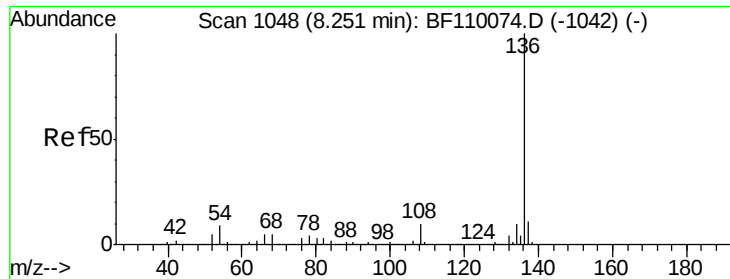
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 348677

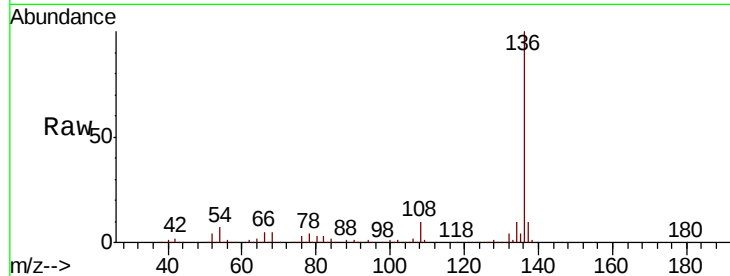
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.2 5.4 8.2

68 5.2 4.2 6.2

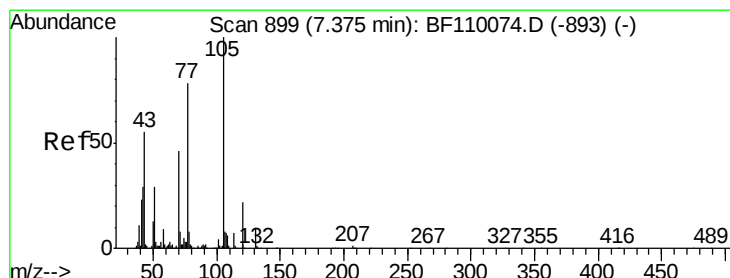
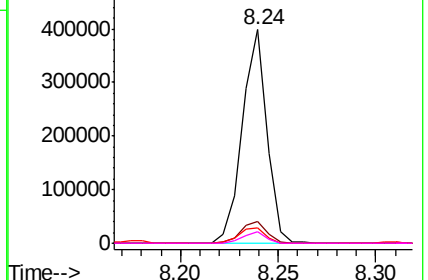
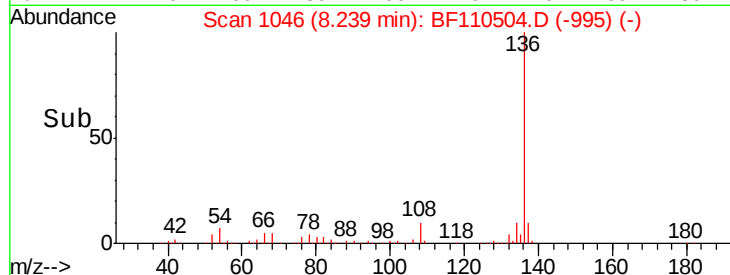


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.919 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Tgt Ion:105 Resp: 328751

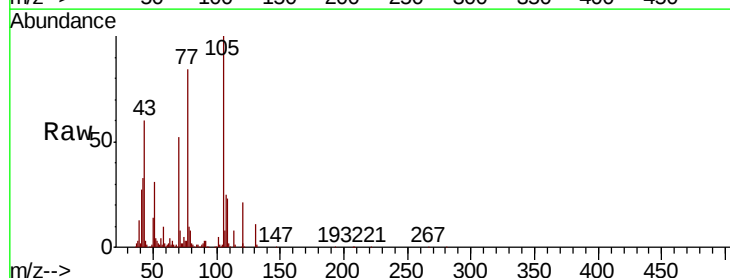
Ion Ratio Lower Upper

105 100

71 8.4 5.2 7.8#

51 30.7 21.8 32.8

120 20.9 17.0 25.4

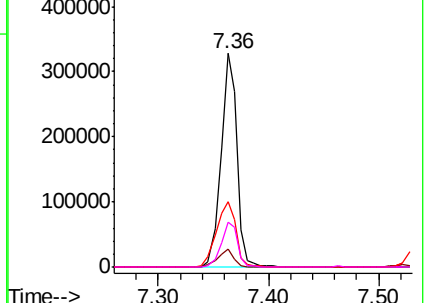
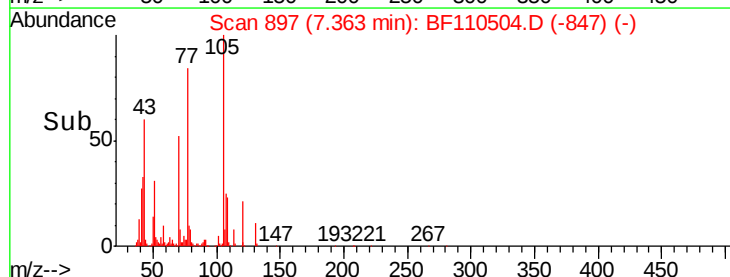


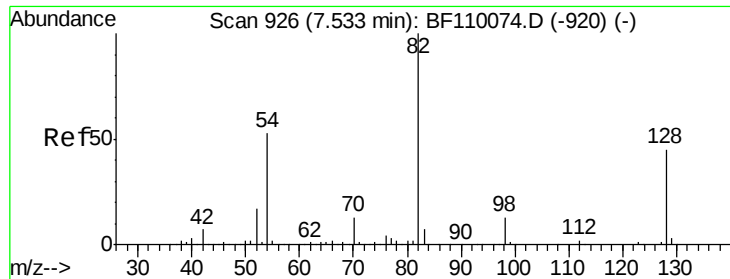
Abundance Ion 105.00 (104.70 to 105.70): E

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

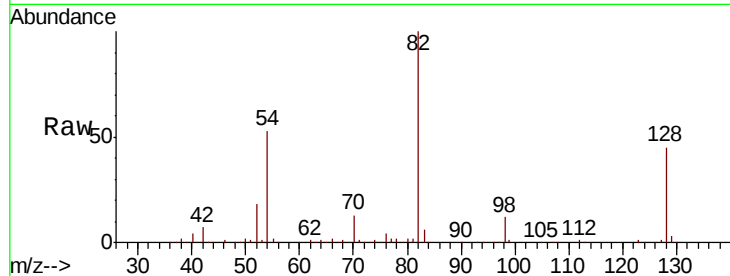




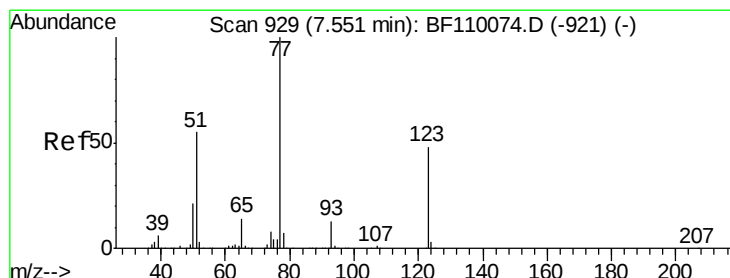
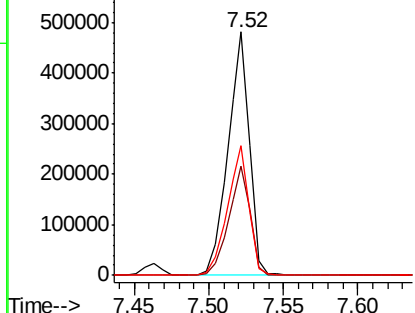
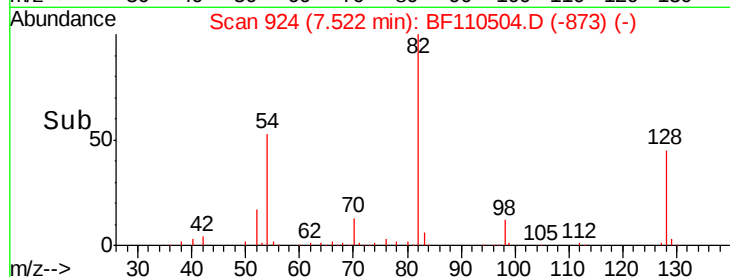
#23
 Nitrobenzene-d5
 Concen: 82.722 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	486285
Ion Ratio	100	Lower	Upper
128	44.9	34.2	51.2
54	53.3	38.6	58.0

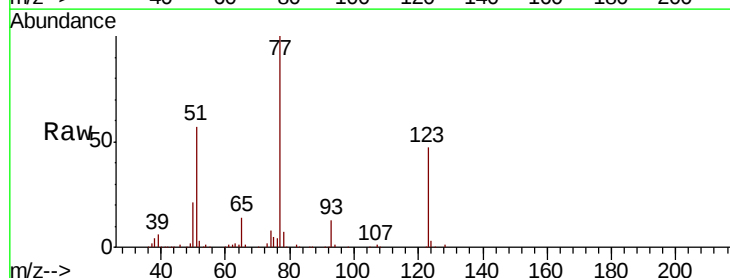


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

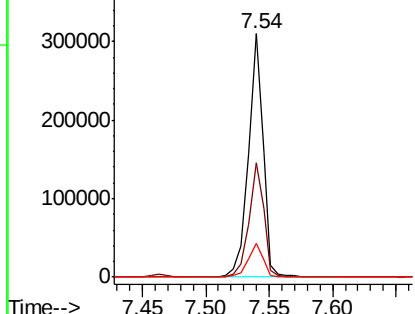
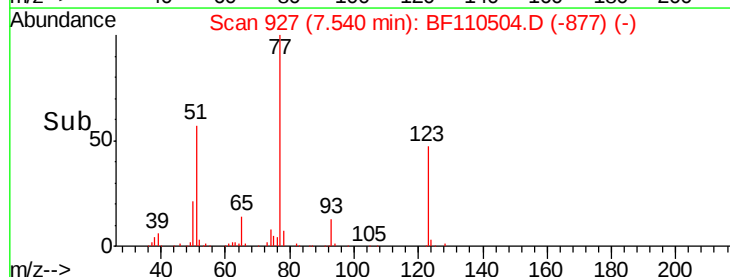


#24
 Nitrobenzene
 Concen: 40.804 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	77	Resp	247649
Ion Ratio	100	Lower	Upper
123	47.0	35.7	53.5
65	14.0	10.7	16.1



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

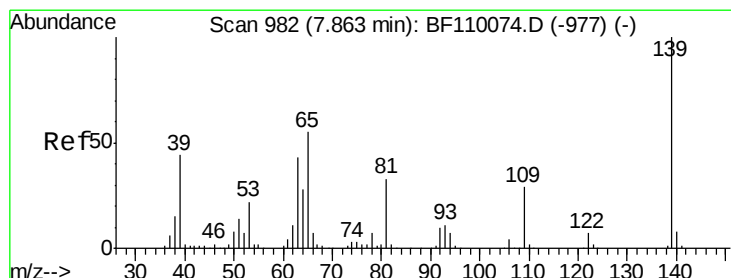
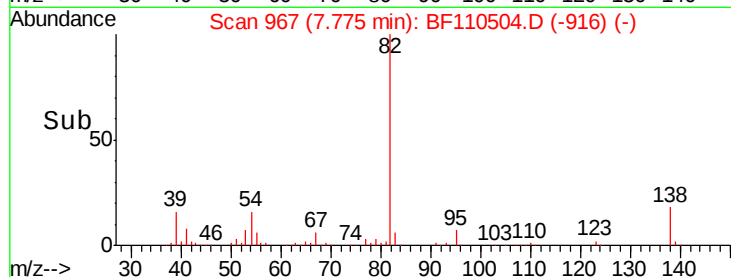
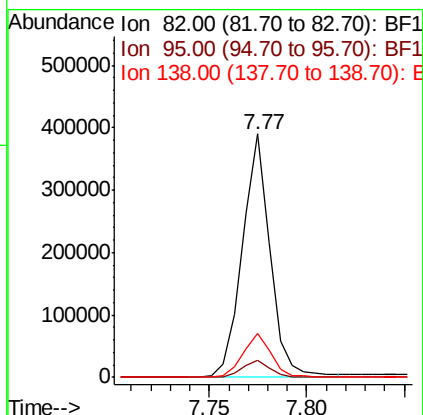
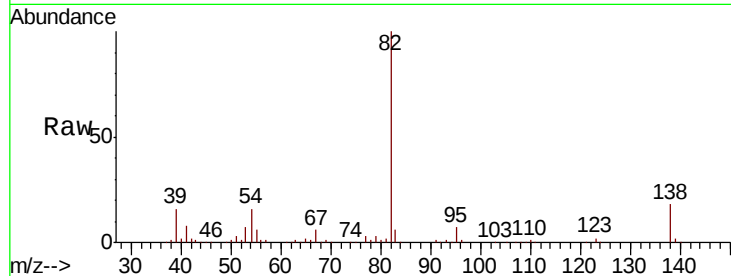




#25
Isophorone
Concen: 38.588 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

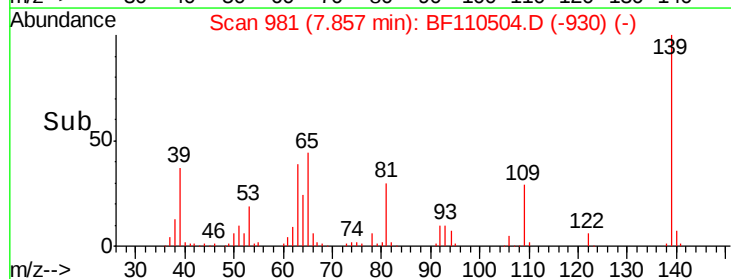
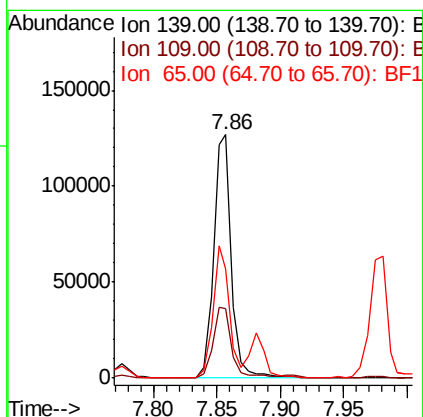
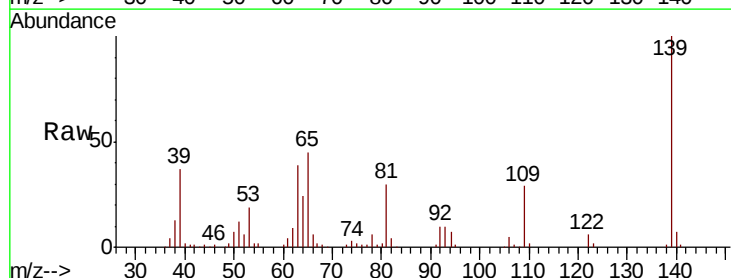
Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 386677
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.1 13.2 19.8



#26
2-Nitrophenol
Concen: 43.404 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion: 139 Resp: 125357
Ion Ratio Lower Upper
139 100
109 28.7 25.0 37.6
65 44.9 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 39.457 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

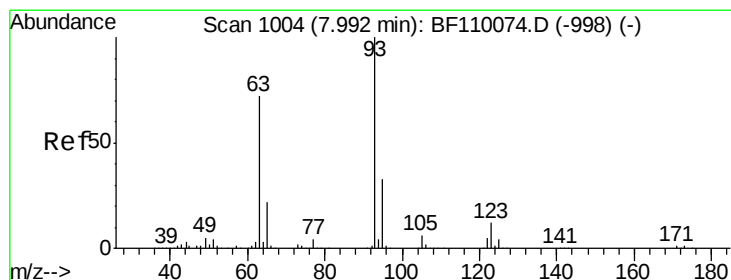
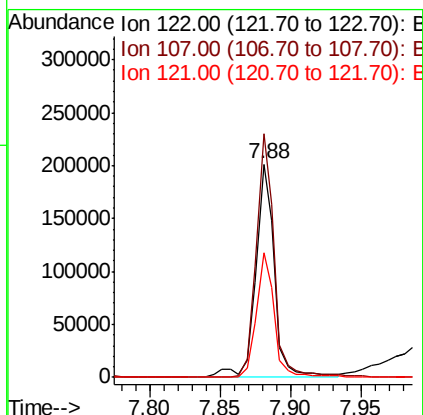
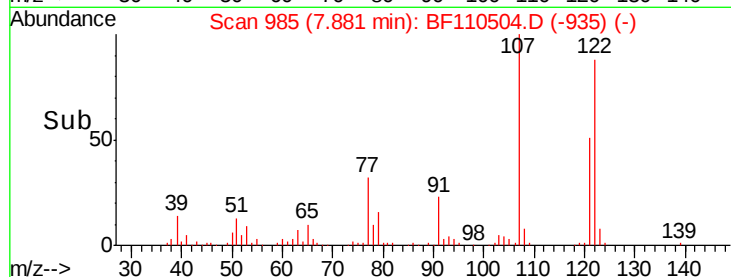
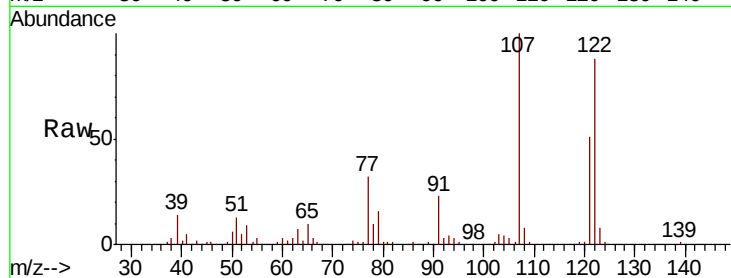
Tot Ion:122 Resp: 188935

Ion Ratio Lower Upper

122 100

107 114.2 92.5 138.7

121 58.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.692 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

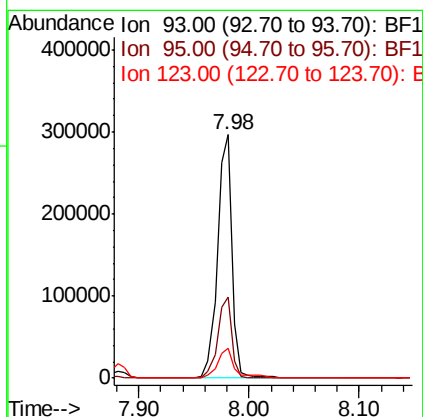
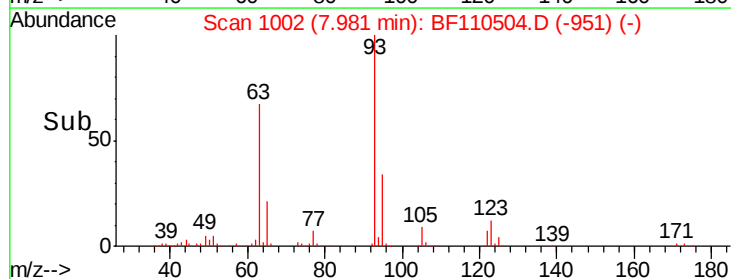
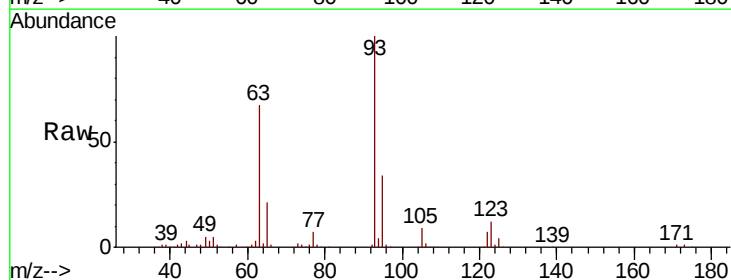
Tgt Ion: 93 Resp: 270198

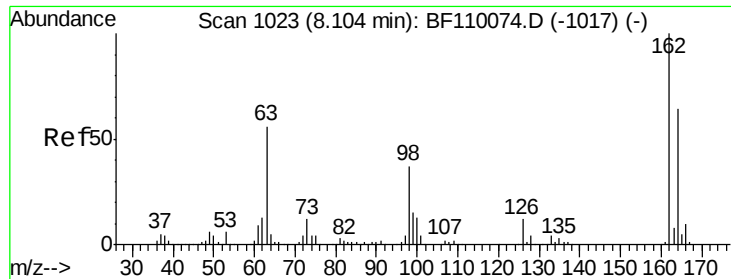
Ion Ratio Lower Upper

93 100

95 33.5 26.4 39.6

123 12.1 9.0 13.6

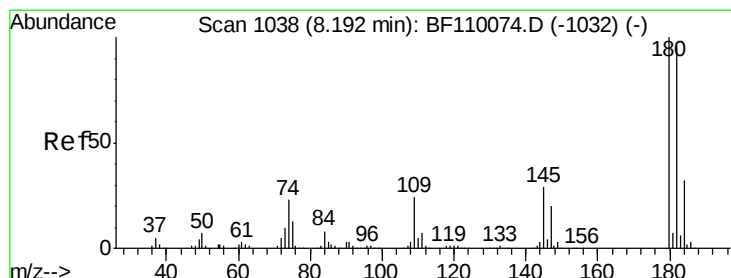
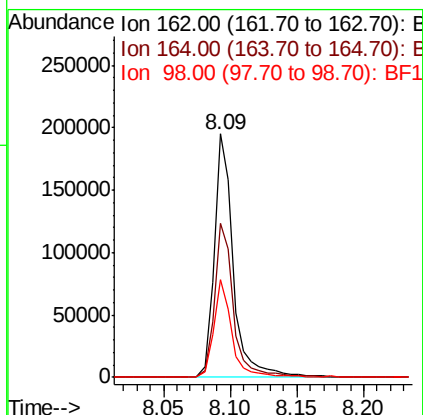
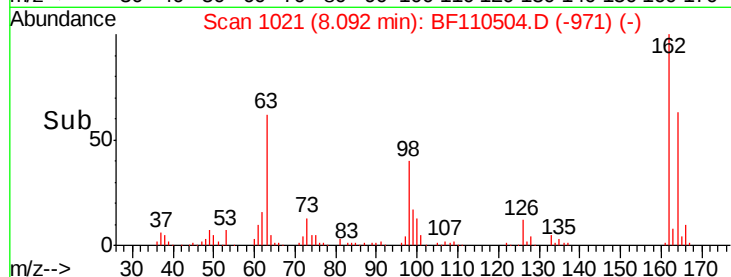
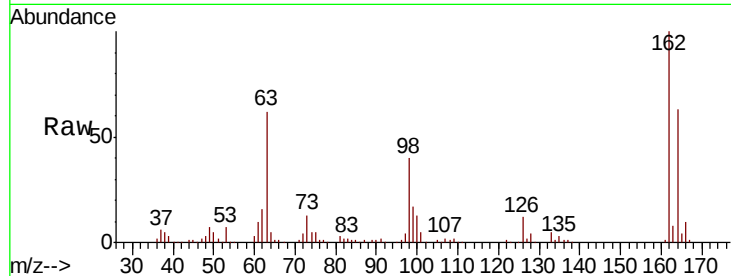




#29
2,4-Dichlorophenol
Concen: 40.621 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

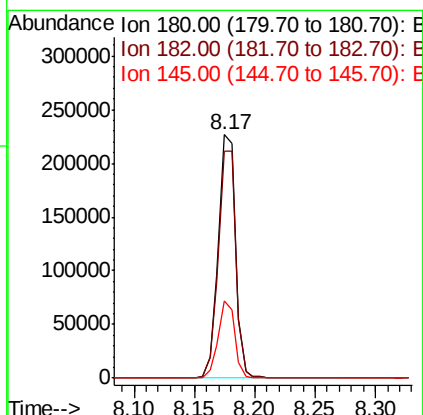
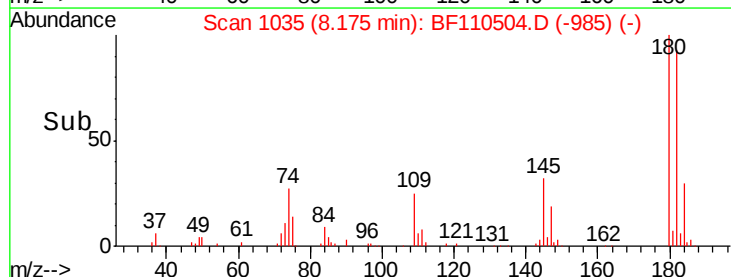
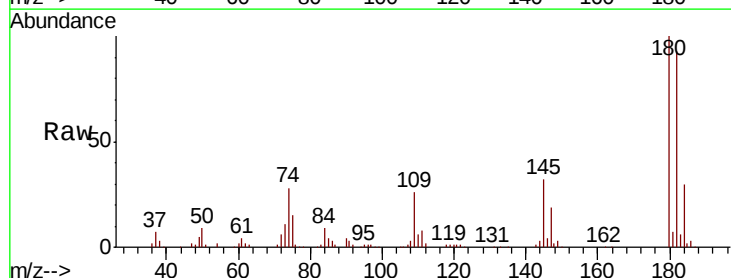
Instrument :
BNA_F
ClientSampled :

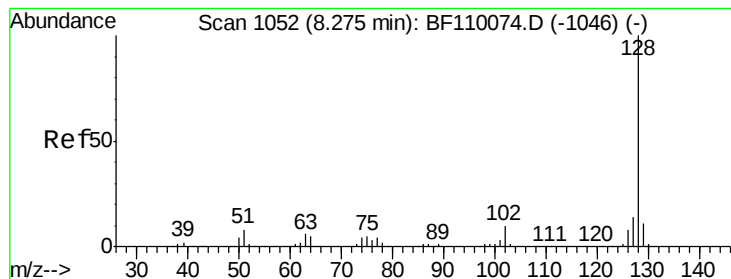
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	40.0	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 41.081 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	80.3	120.5
145	31.7	25.4	38.0





#31

Naphthalene

Concen: 40.244 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampled :

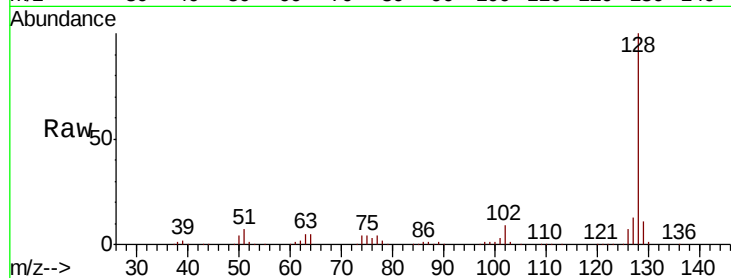
Tot Ion:128 Resp: 646725

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

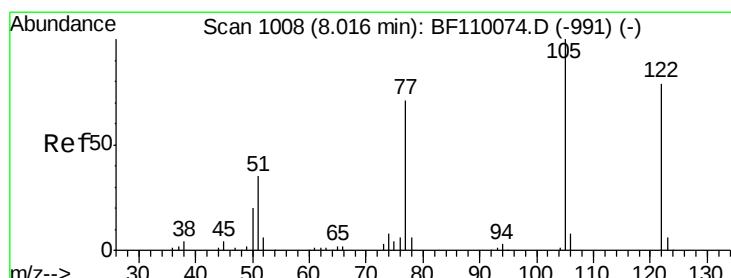
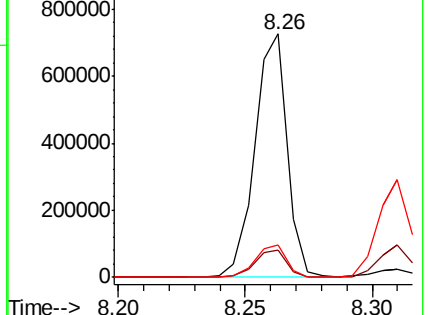
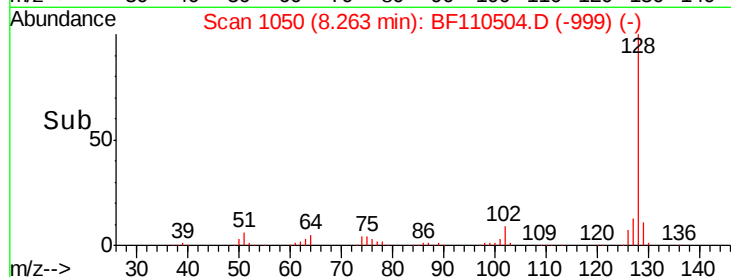
127 13.3 10.8 16.2



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: 35.988 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

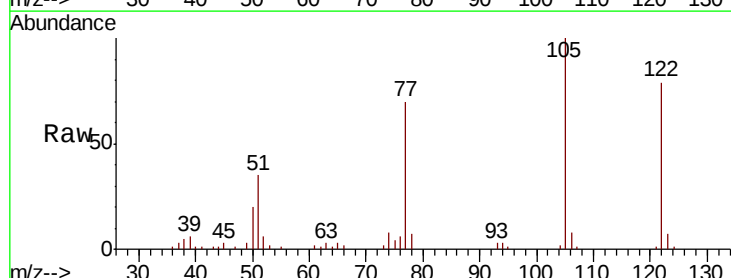
Tgt Ion:122 Resp: 133187

Ion Ratio Lower Upper

122 100

105 126.7 109.0 149.0

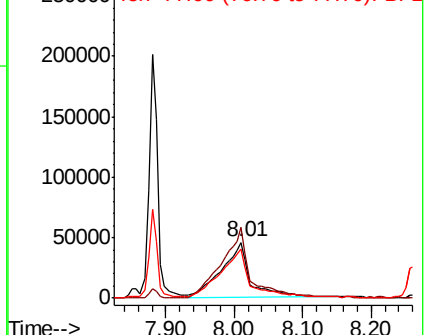
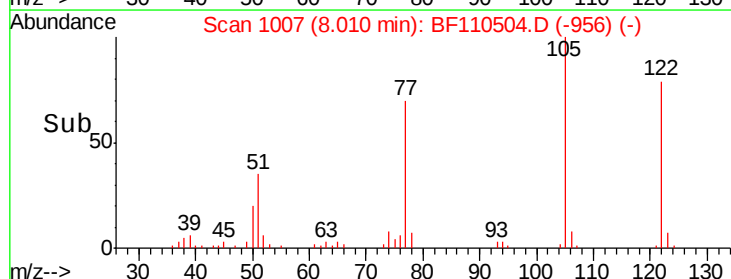
77 88.3 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

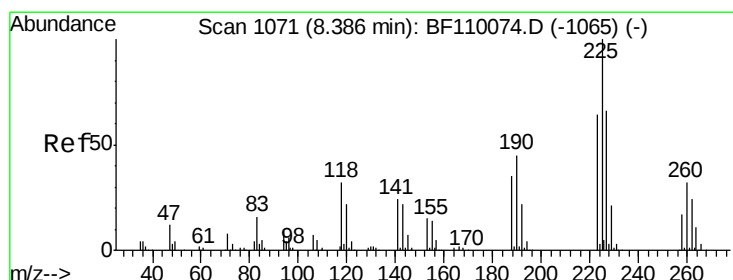
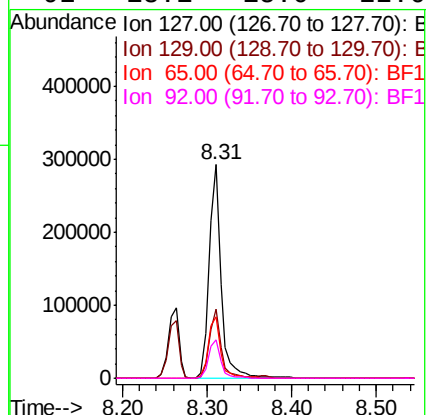
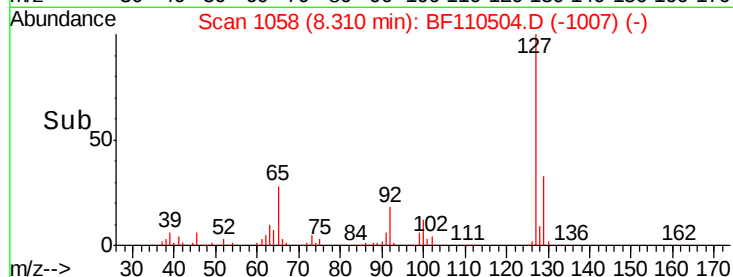
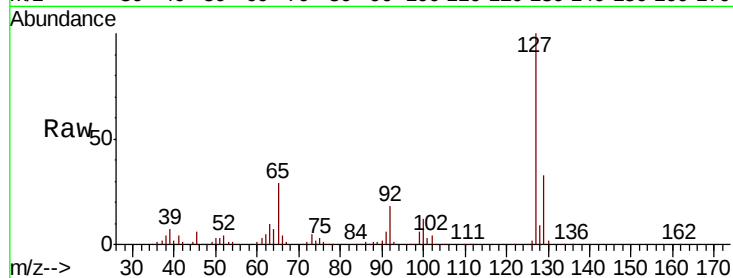




#33
4-Chloroaniline
Concen: 40.164 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

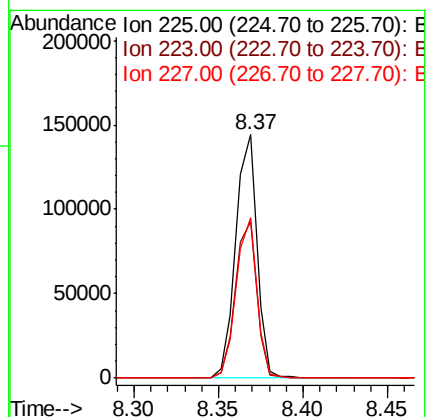
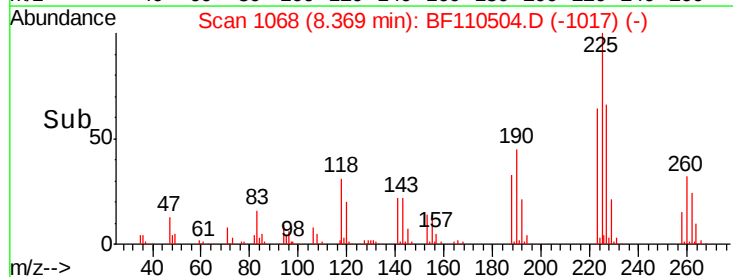
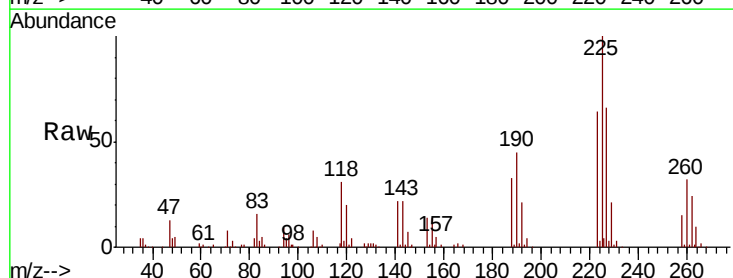
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	290486
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	28.9	25.1	37.7
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.932 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:	225	Resp:	126161
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.2
227	66.0	51.0	76.6

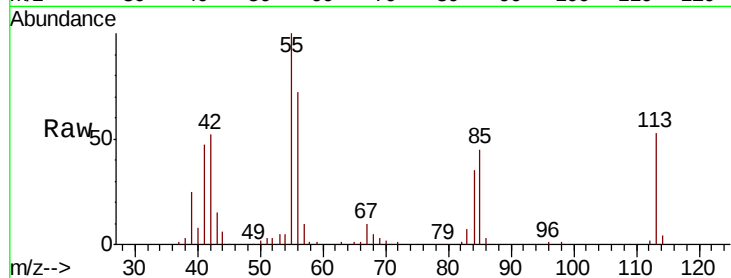




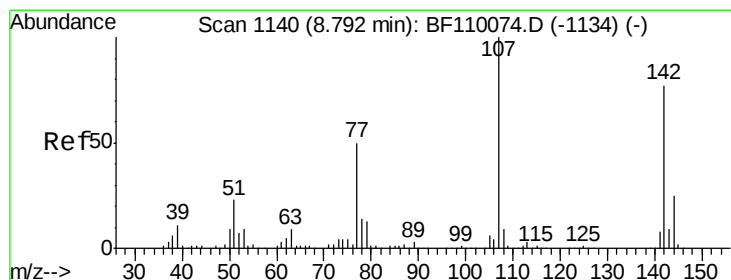
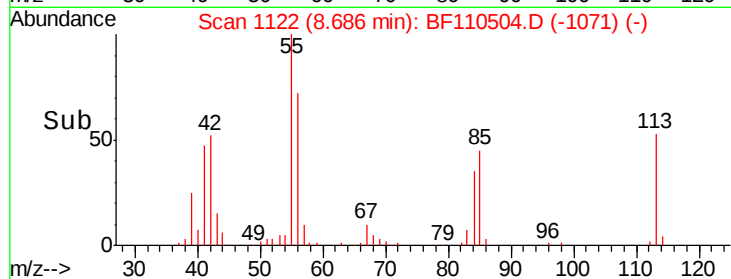
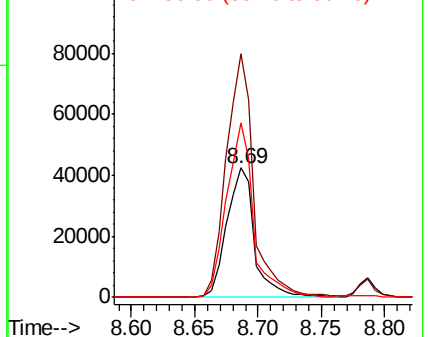
#35
Caprolactam
Concen: 38.012 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 64092
Ion Ratio Lower Upper
113 100
55 188.2 142.8 182.8#
56 134.6 105.0 145.0

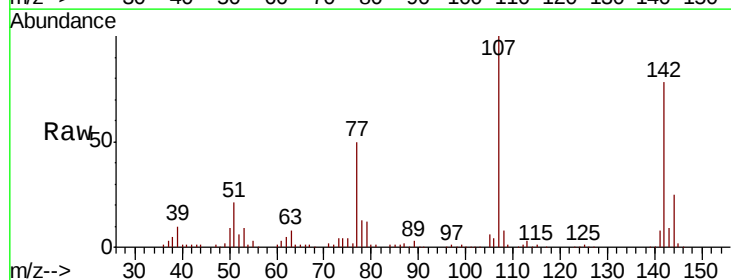


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

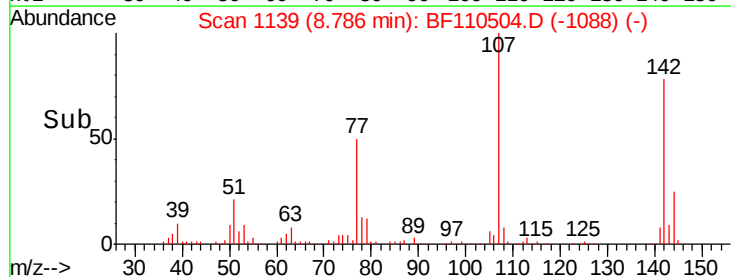
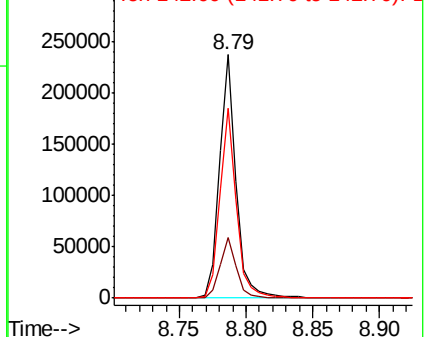


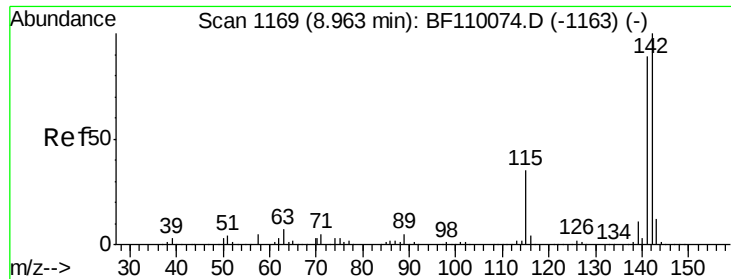
#36
4-Chloro-3-methylphenol
Concen: 39.844 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:107 Resp: 208433
Ion Ratio Lower Upper
107 100
144 25.0 20.0 30.0
142 77.9 59.7 89.5



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

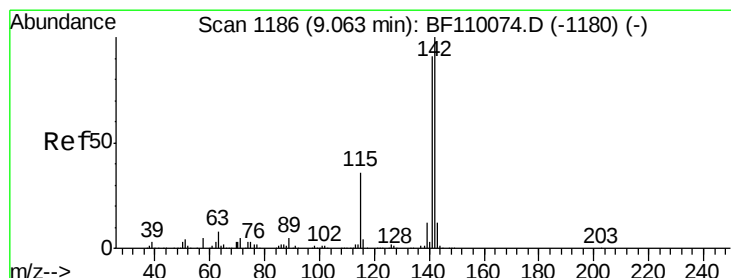
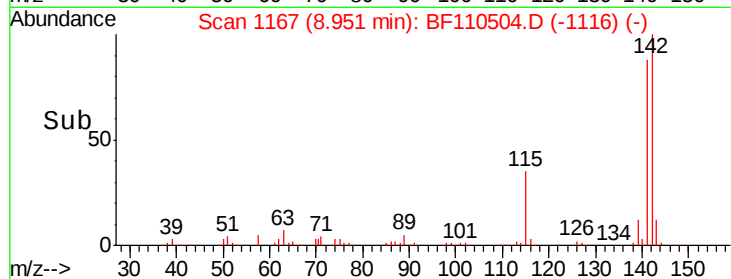
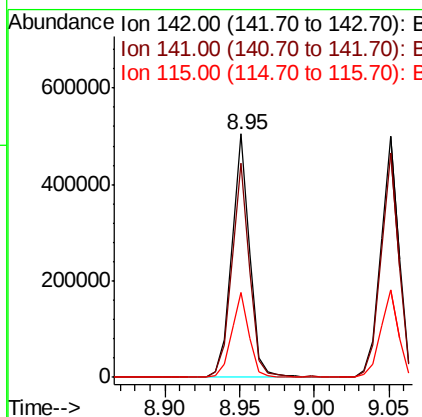
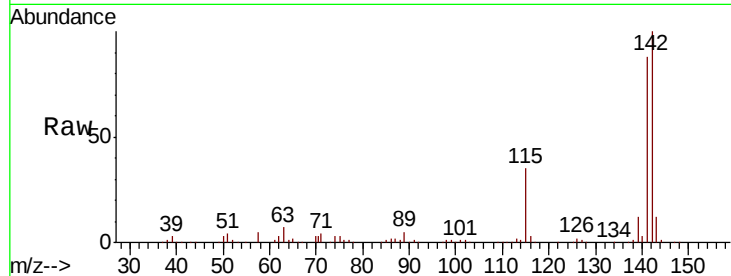




#37
2-Methylnaphthalene
Concen: 40.592 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

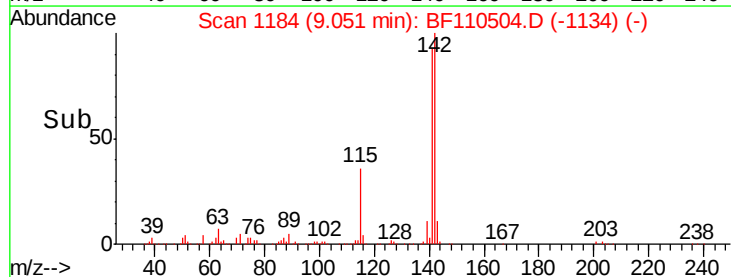
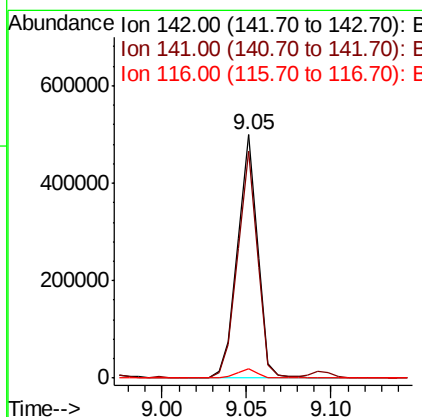
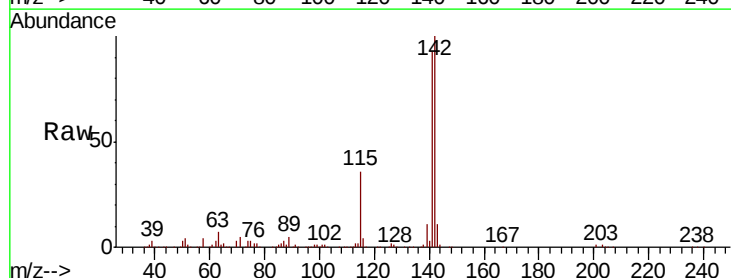
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 431598
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 34.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.910 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:142 Resp: 410069
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 3.6 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampled :

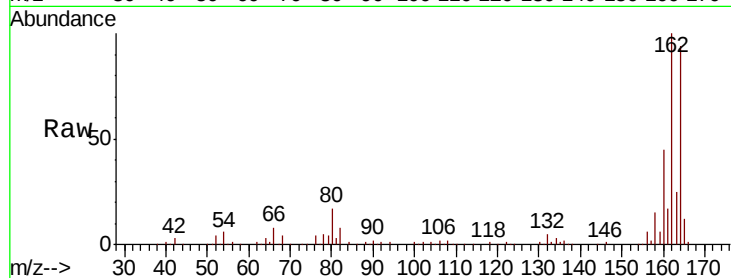
Tot Ion:164 Resp: 163406

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.6

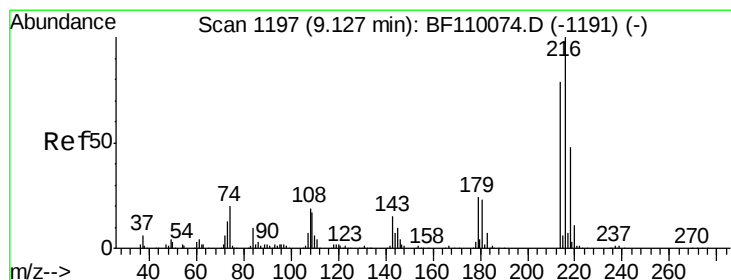
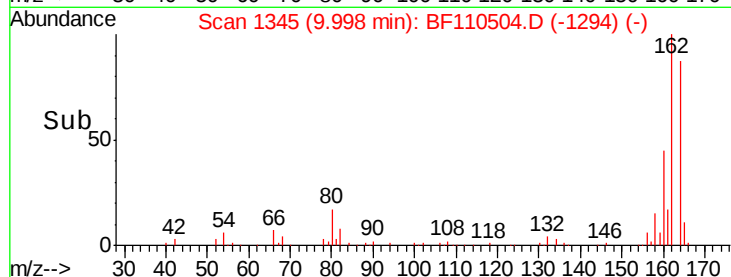
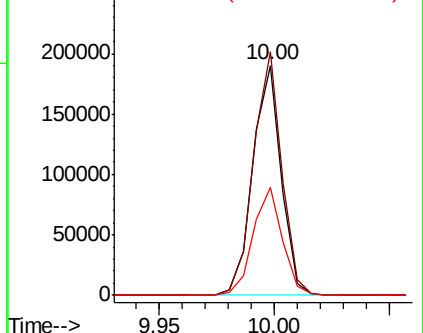
160 47.1 37.0 55.6



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: 41.218 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Tgt Ion:216 Resp: 209854

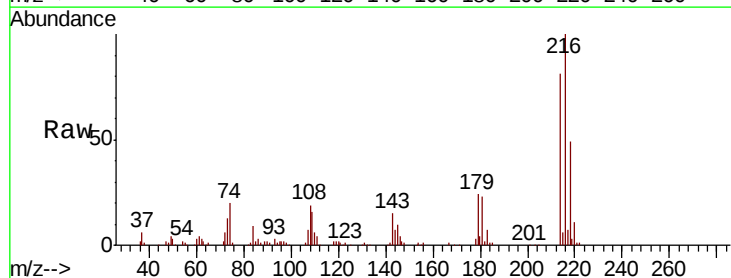
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 23.3 16.6 25.0

108 19.1 15.1 22.7

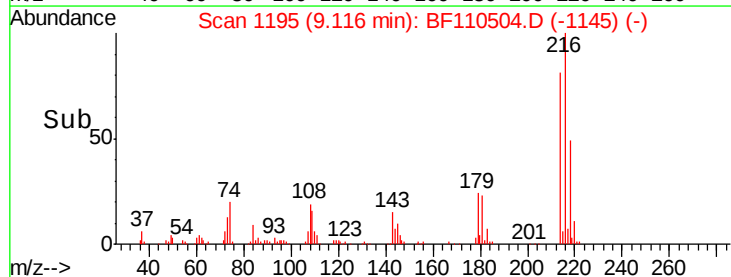
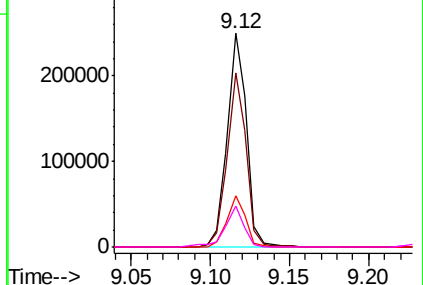


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.735 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

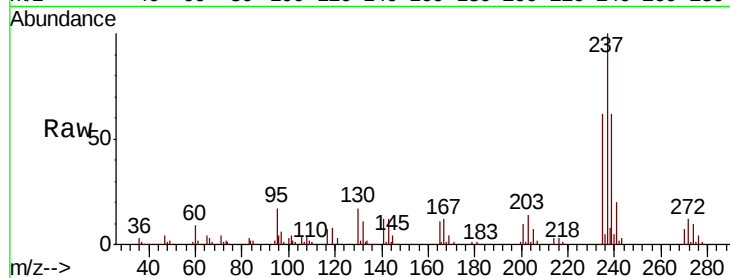
Tot Ion:237 Resp: 87826

Ion Ratio Lower Upper

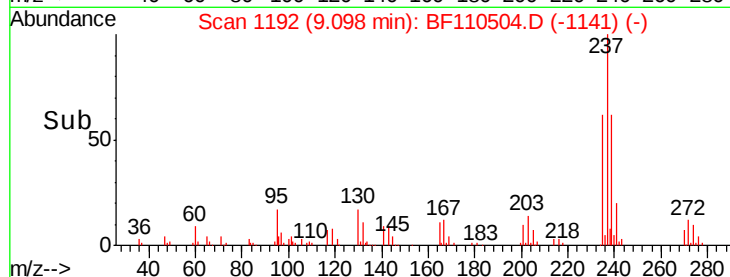
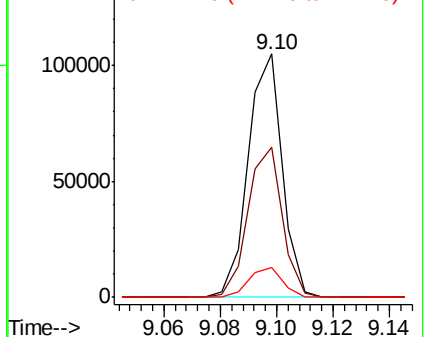
237 100

235 61.6 43.1 83.1

272 12.4 0.0 32.6



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: 79.941 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

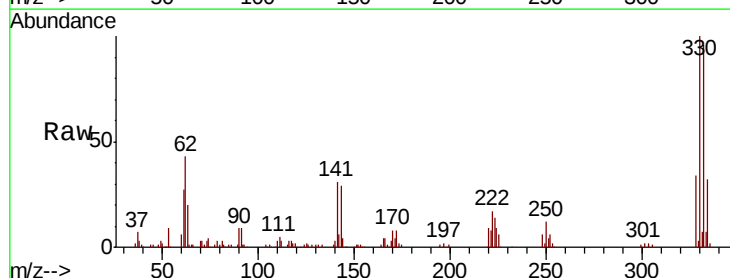
Tgt Ion:330 Resp: 129396

Ion Ratio Lower Upper

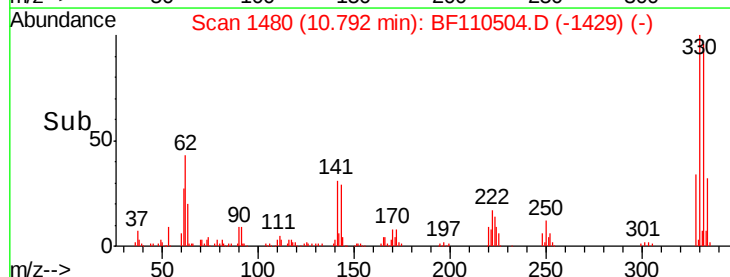
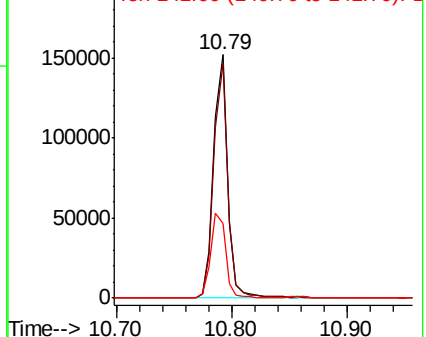
330 100

332 96.1 77.1 115.7

141 37.5 27.0 40.4



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

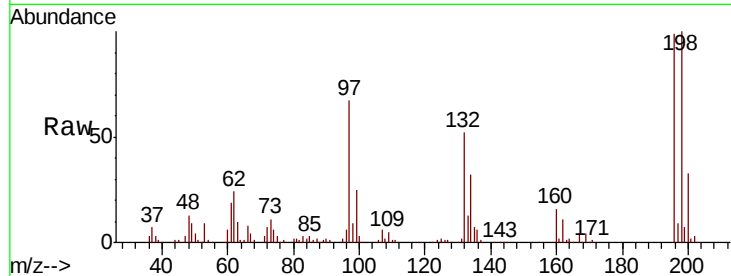




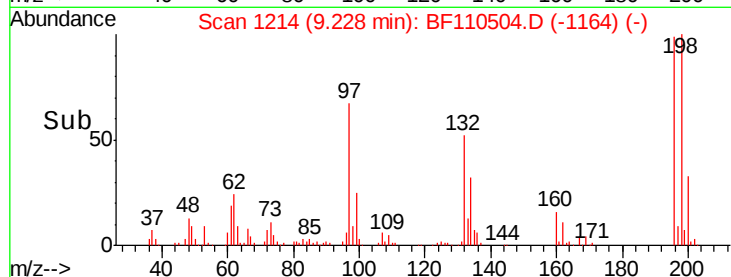
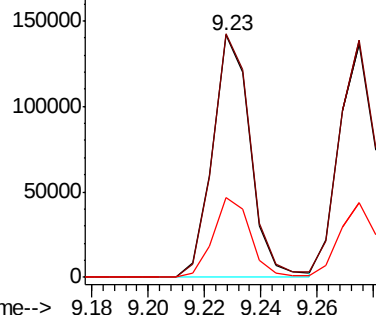
#43
 2,4,6-Trichlorophenol
 Concen: 40.012 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	76.2	114.4
200	33.1	24.4	36.6



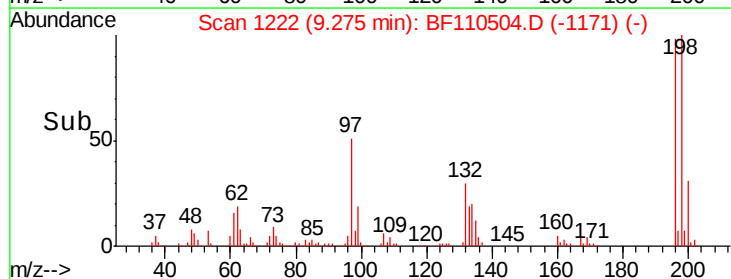
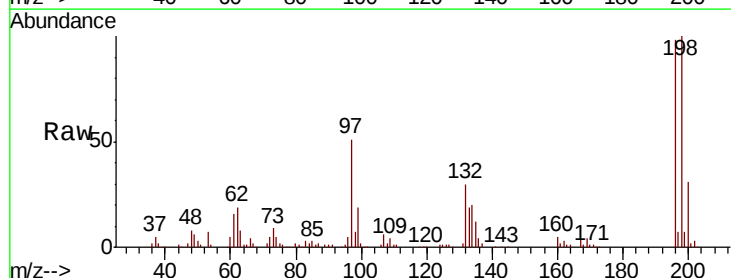
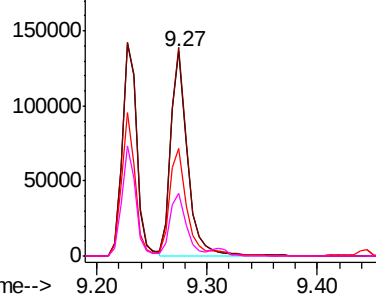
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

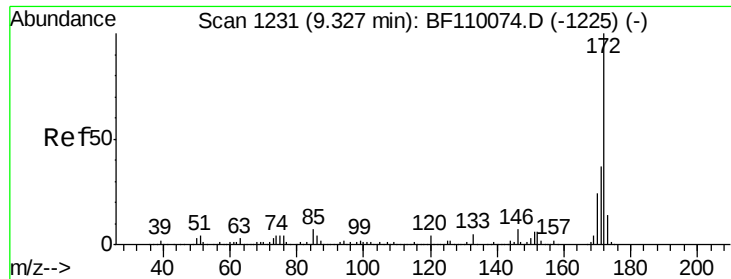


#44
 2,4,5-Trichlorophenol
 Concen: 40.299 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	75.8	113.6
97	52.4	42.4	63.6
132	30.4	22.8	34.2

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

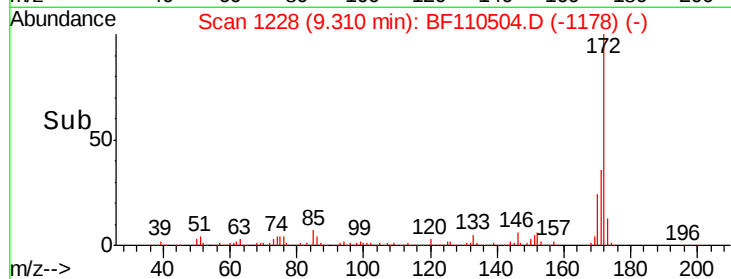
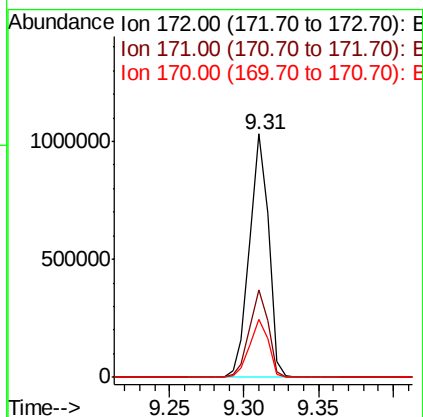
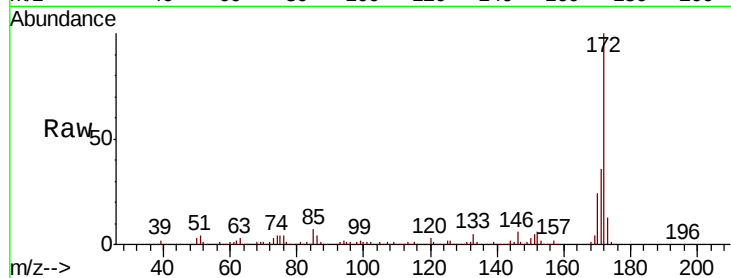




#45
 2-Fluorobiphenyl
 Concen: 87.622 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

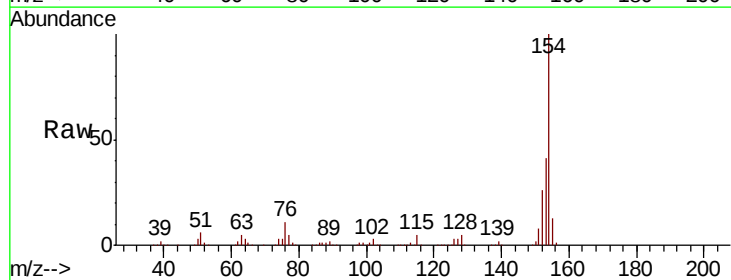
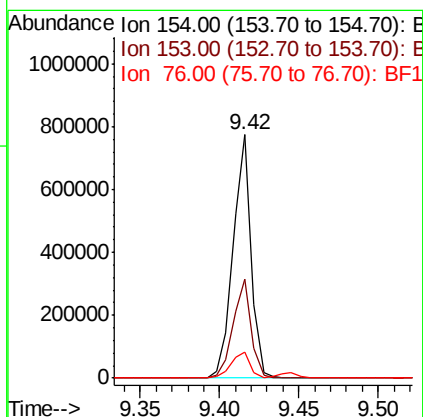
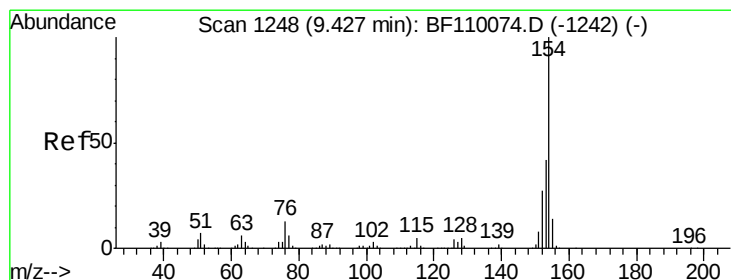
Instrument :
 BNA_F
 ClientSampleId :

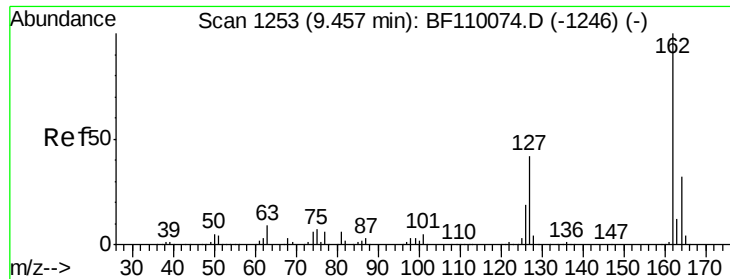
Tot Ion:172 Resp: 911825
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 19.7 29.5



#46
 1,1'-Biphenyl
 Concen: 41.327 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion:154 Resp: 610671
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.4 60.4
 76 10.7 0.0 31.9

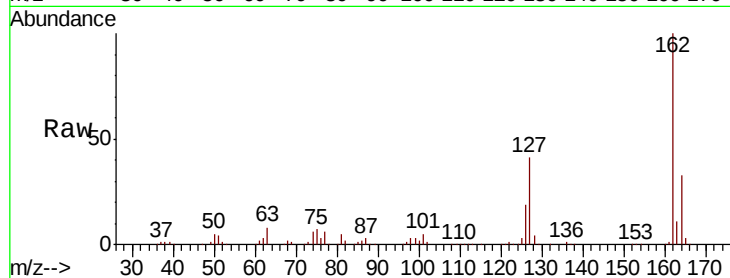




#47
 2-Chloronaphthalene
 Concen: 41.095 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	32.7	25.9	38.9

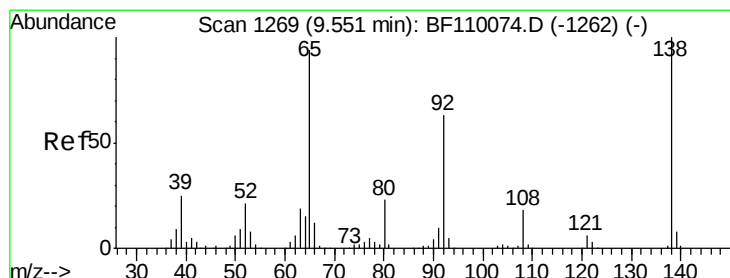
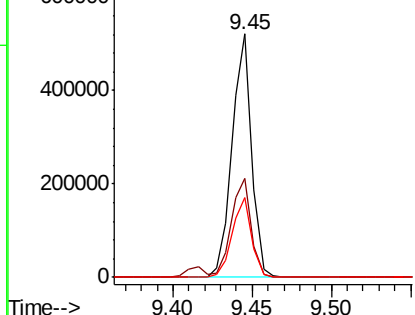
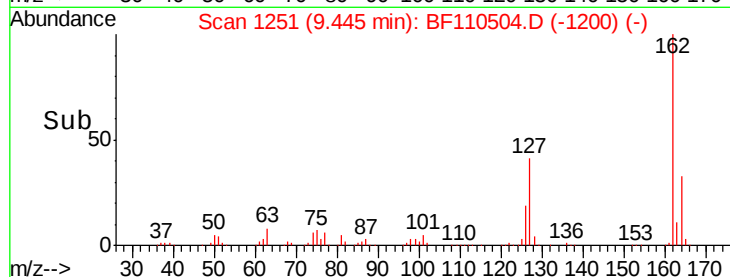


Abundance

Ion 162.00 (161.70 to 162.70): E

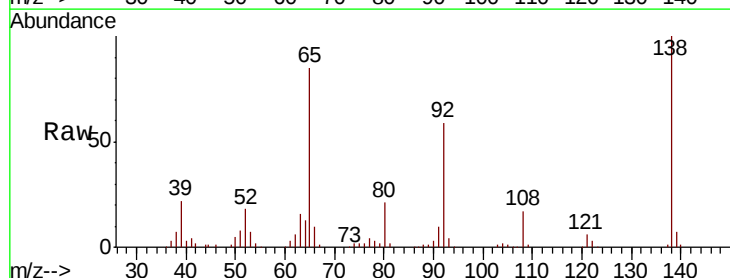
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.354 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.6	81.8
138	118.2	80.3	120.5

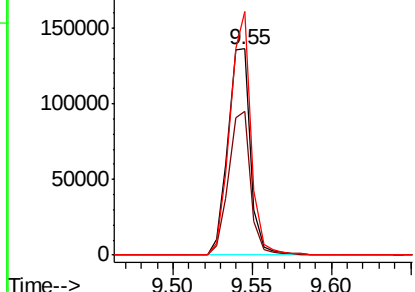
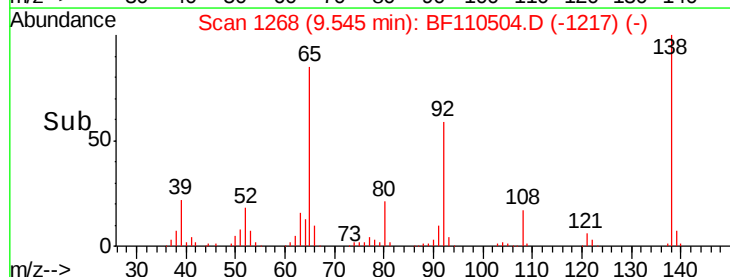


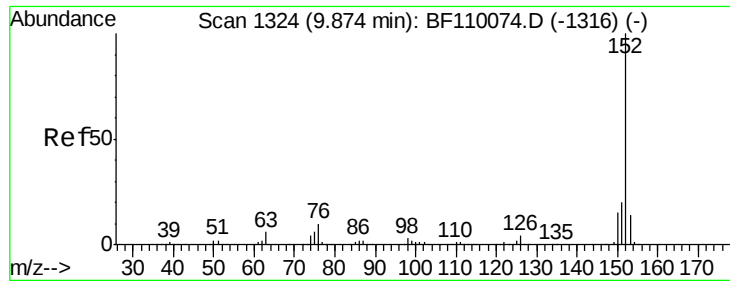
Abundance

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: 40.874 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

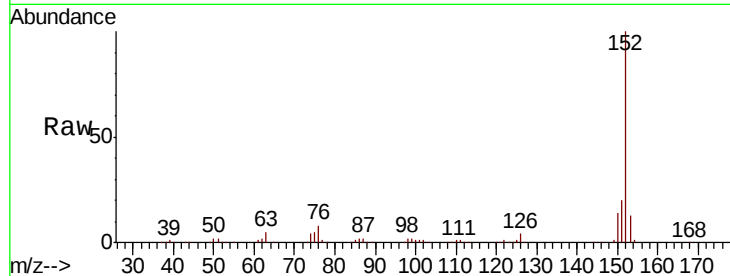
Tot Ion:152 Resp: 639902

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

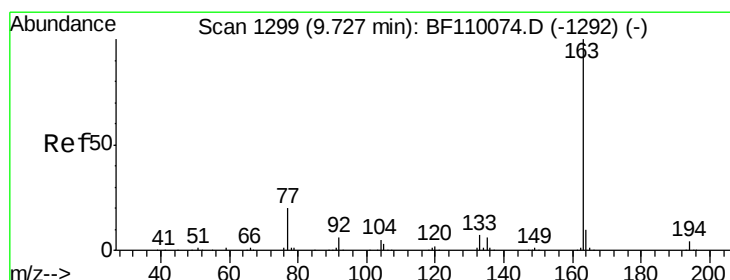
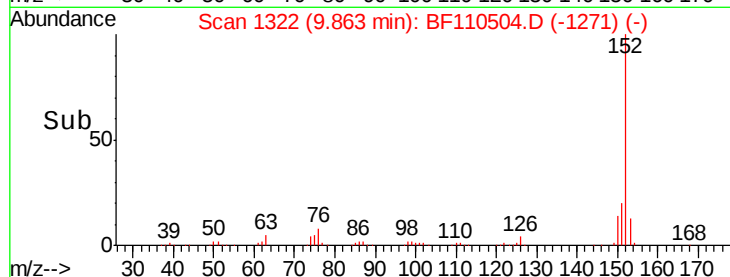
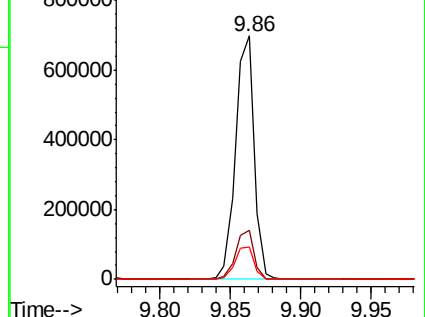
153 13.5 10.4 15.6



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: 39.788 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

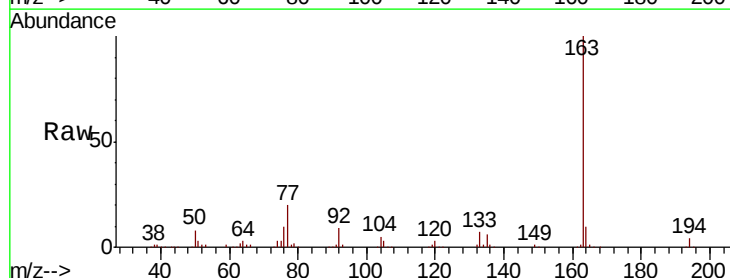
Tgt Ion:163 Resp: 479934

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

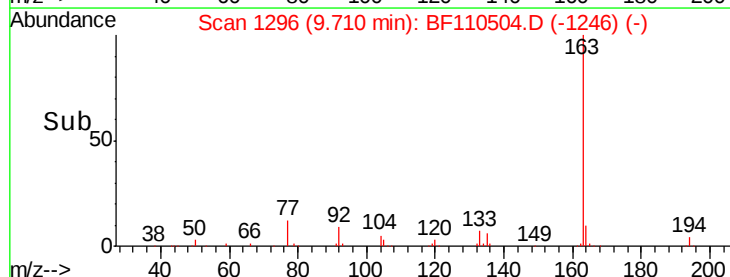
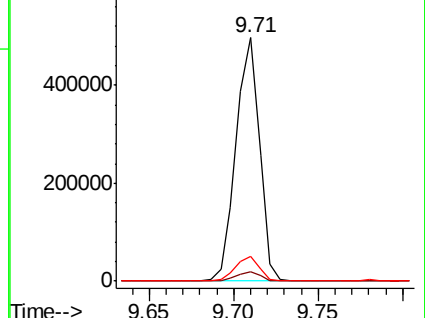
164 10.1 8.1 12.1

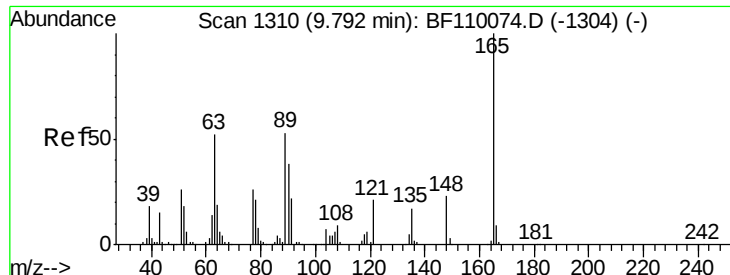


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.974 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampled :

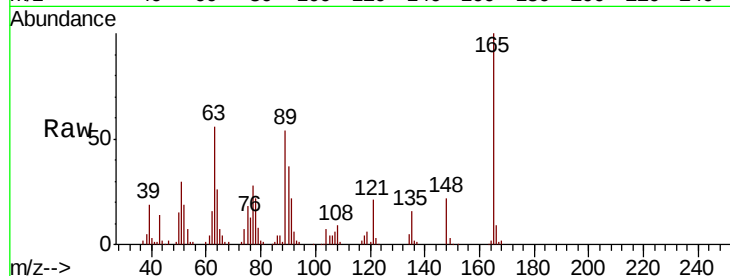
Tot Ion:165 Resp: 109060

Ion Ratio Lower Upper

165 100

63 56.3 48.9 73.3

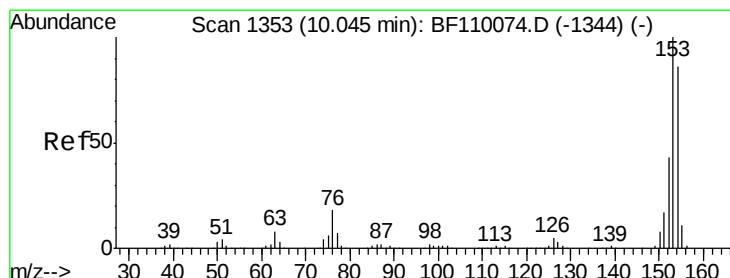
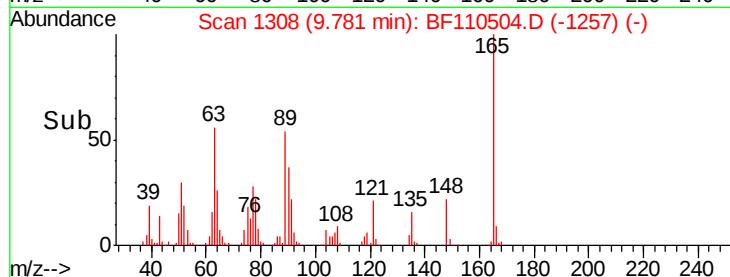
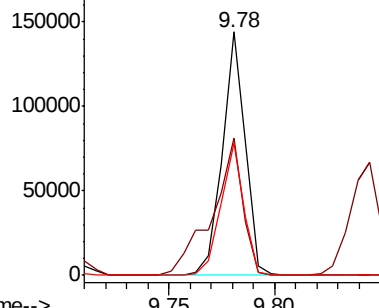
89 54.1 46.6 69.8



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: 38.176 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

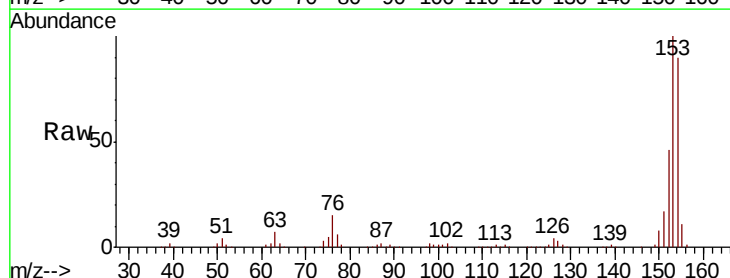
Tgt Ion:154 Resp: 395389

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

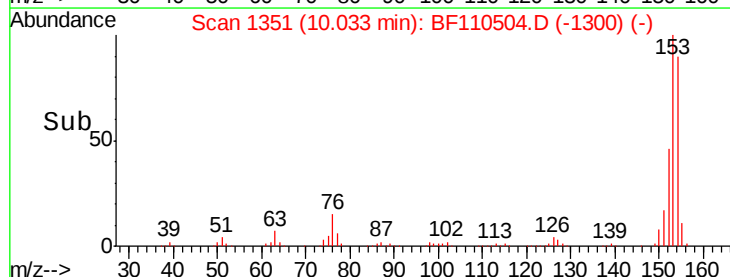
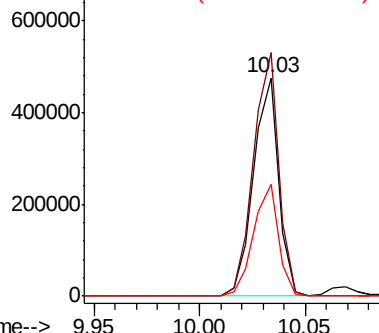
152 51.2 43.4 65.2

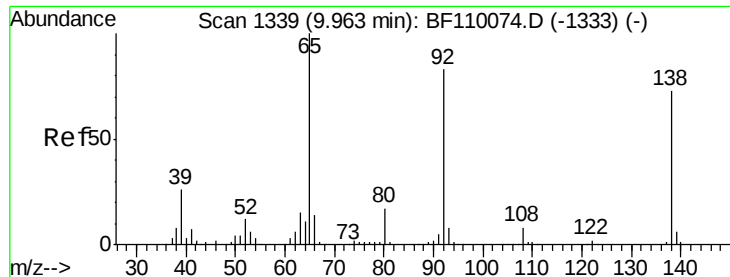


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

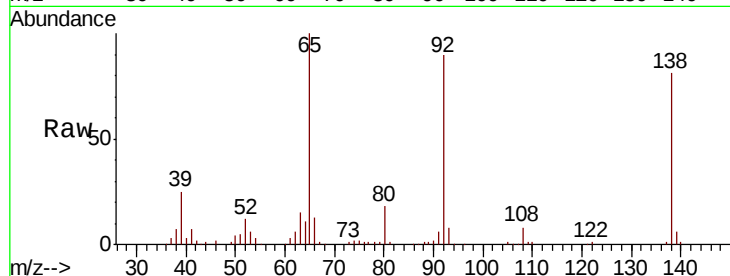




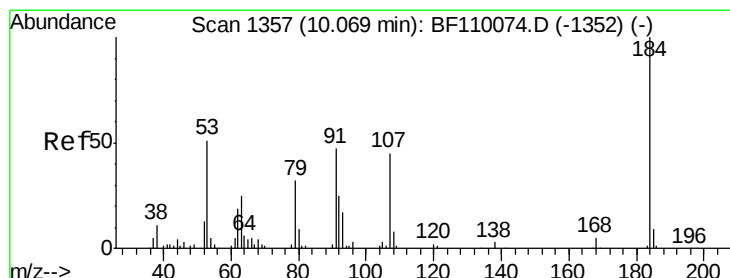
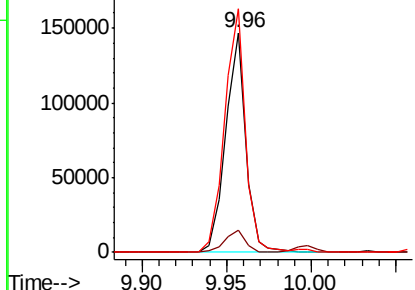
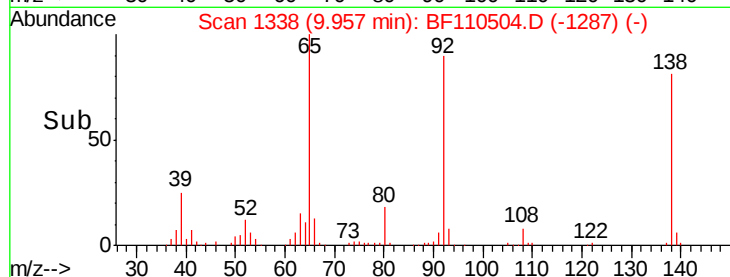
#53
3-Nitroaniline
Concen: 39.456 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 121913
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 110.9 97.0 145.4

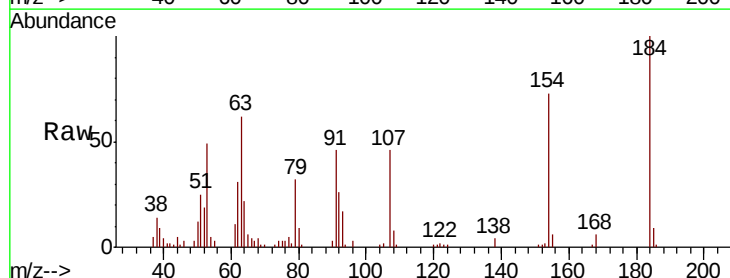


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

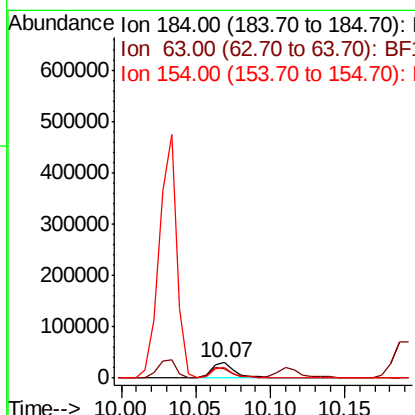
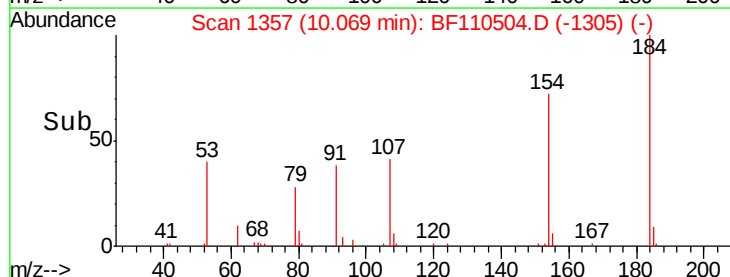


#54
2,4-Dinitrophenol
Concen: 36.116 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:184 Resp: 34113
Ion Ratio Lower Upper
184 100
63 61.7 55.8 83.6
154 73.2 63.2 94.8



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

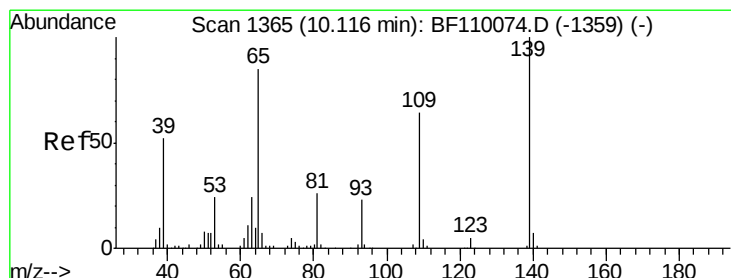
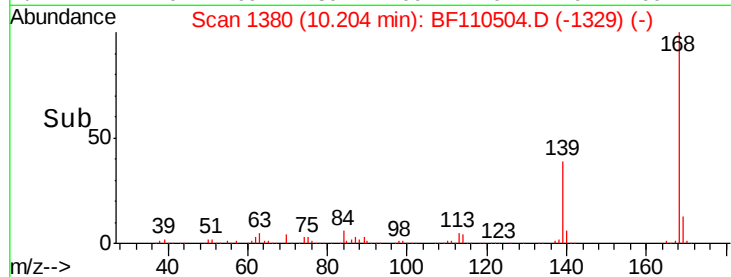
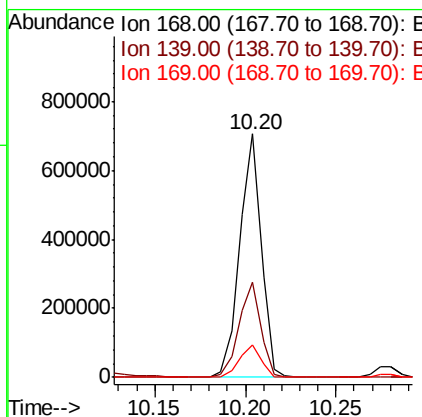
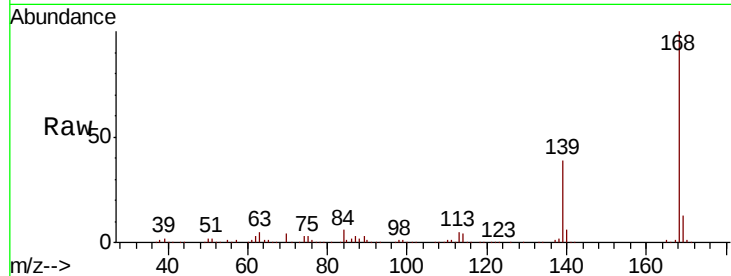




#55
Dibenzenofuran
Concen: 40.228 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

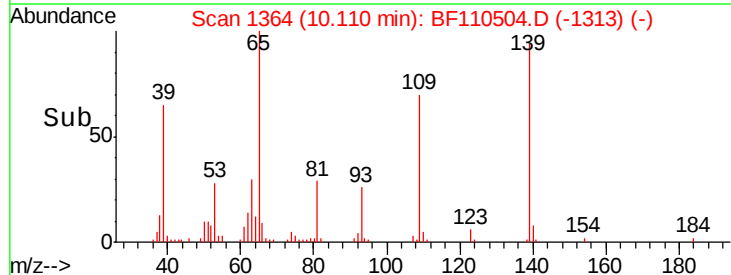
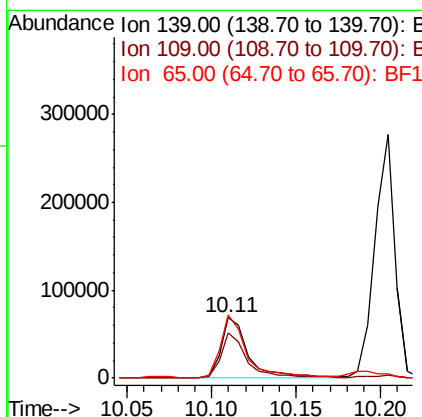
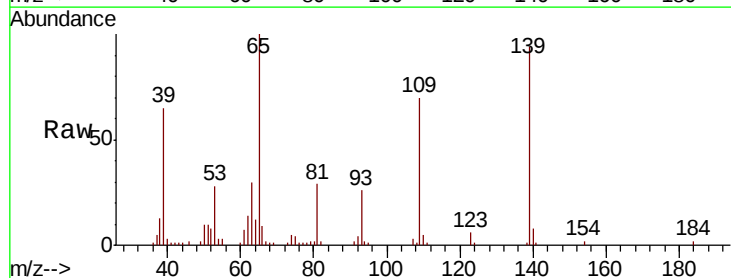
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 583324
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.2 11.3 16.9



#56
4-Nitrophenol
Concen: 34.120 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:139 Resp: 78027
Ion Ratio Lower Upper
139 100
109 74.6 55.8 95.8
65 106.0 77.9 117.9

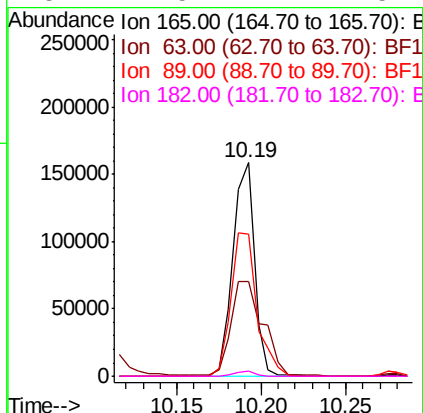
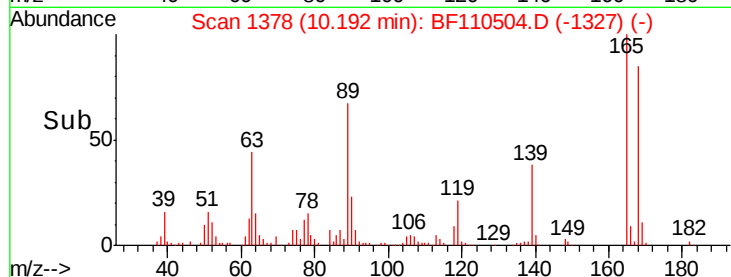
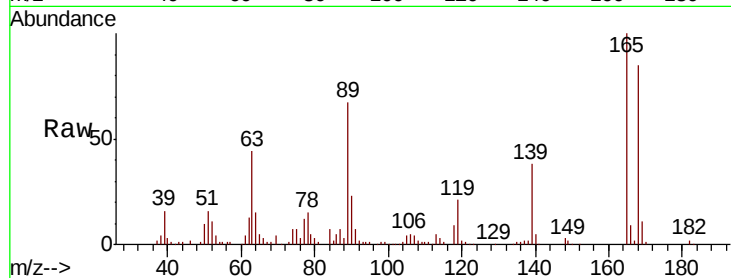




#57
2,4-Dinitrotoluene
Concen: 42.632 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

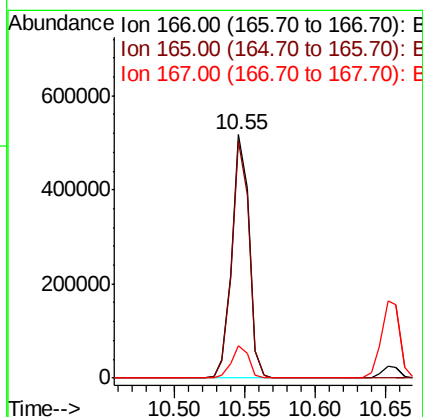
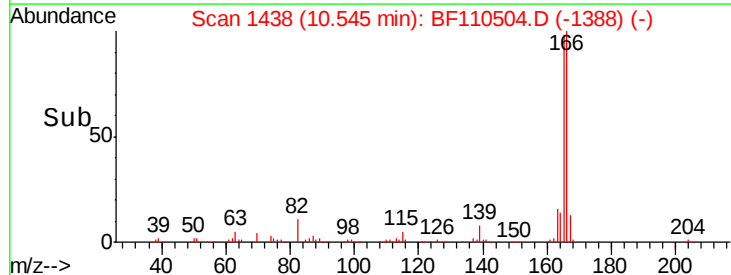
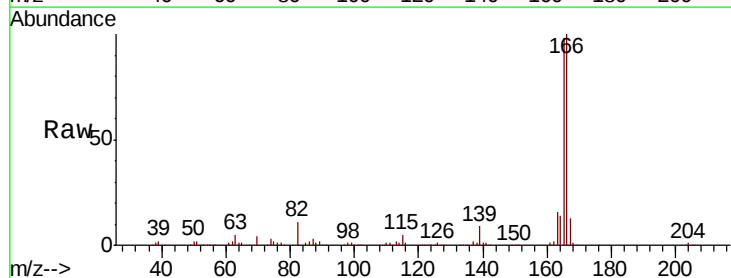
Instrument :
BNA_F
ClientSampled :

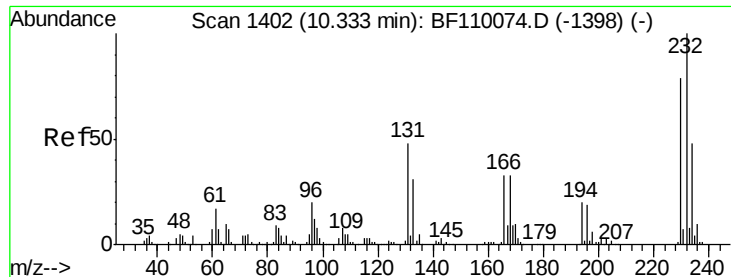
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	44.8	67.2#
89	66.8	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 40.872 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.4	10.8	16.2

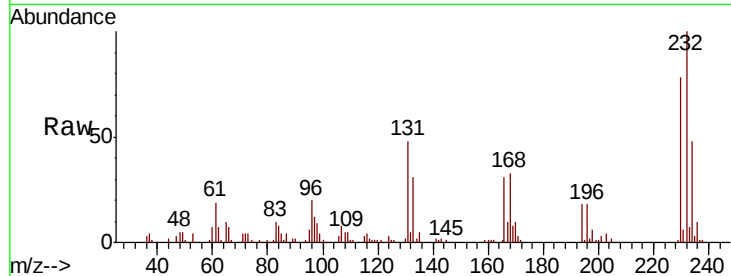




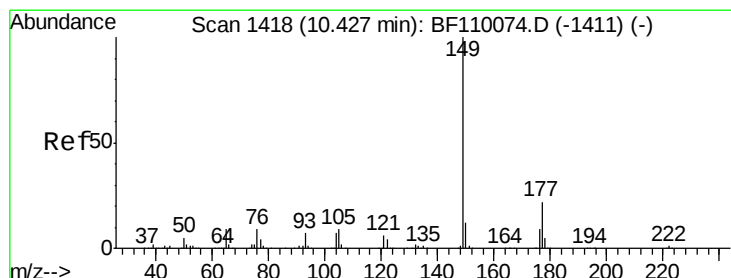
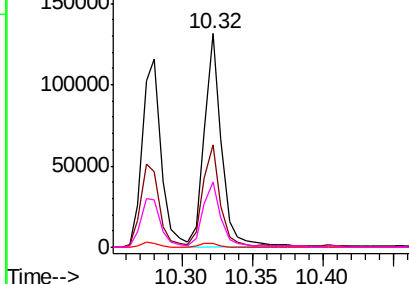
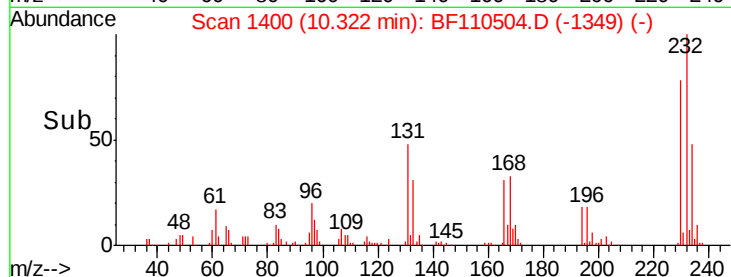
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.226 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 110984
Ion Ratio Lower Upper
232 100
131 48.6 37.0 55.4
130 2.3 1.8 2.6
166 32.3 22.0 33.0

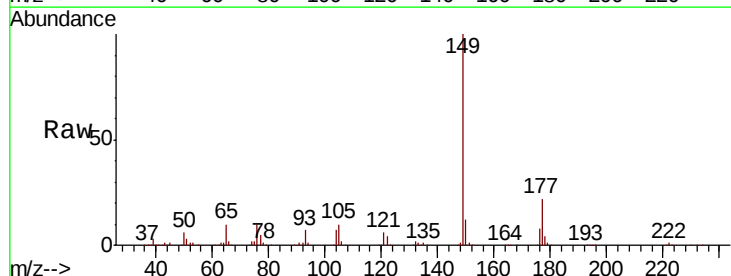


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

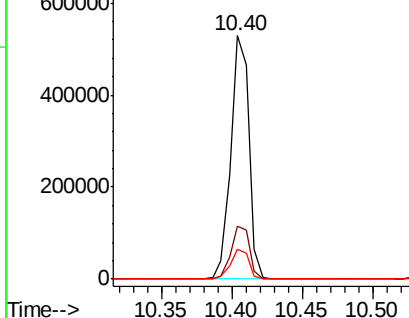
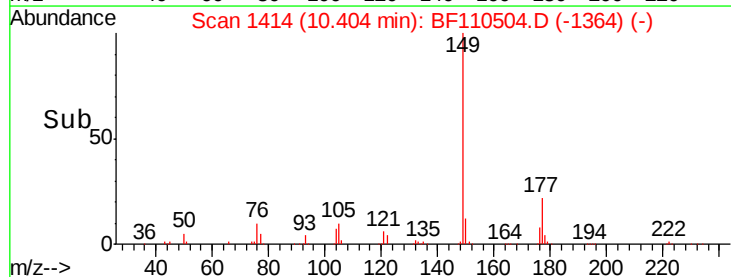


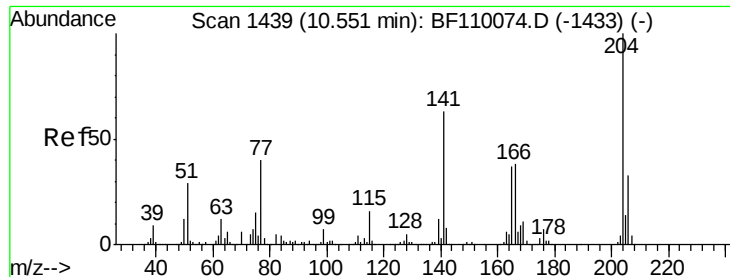
#60
Diethylphthalate
Concen: 40.106 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:149 Resp: 472236
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

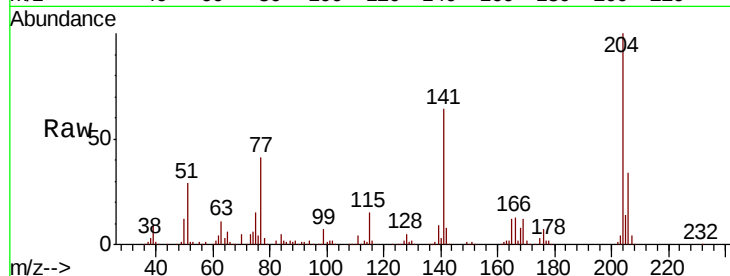




#61
 4-Chlorophenyl-phenylether
 Concen: 40.829 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	64.4	51.8	77.8

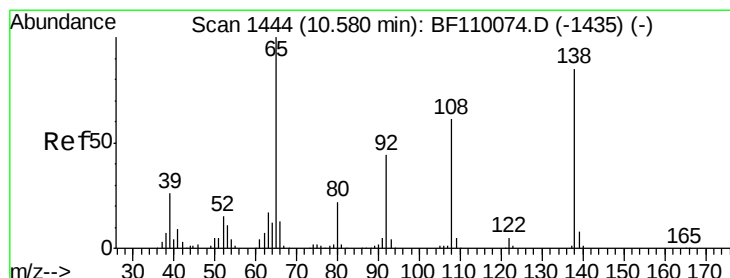
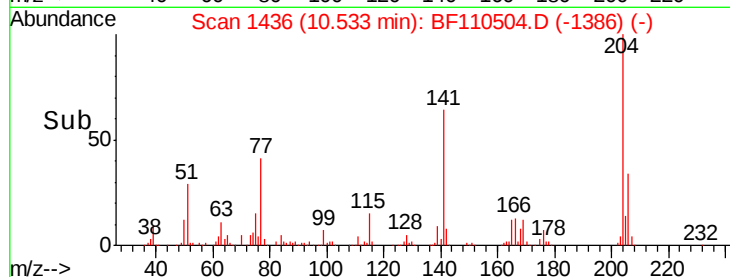
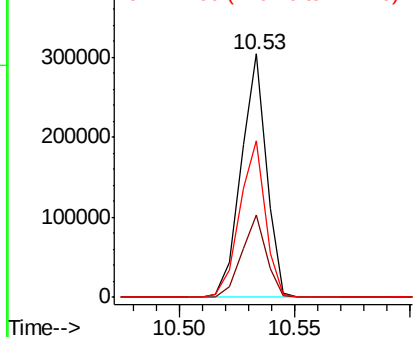


Abundance

Ion 204.00 (203.70 to 204.70): E

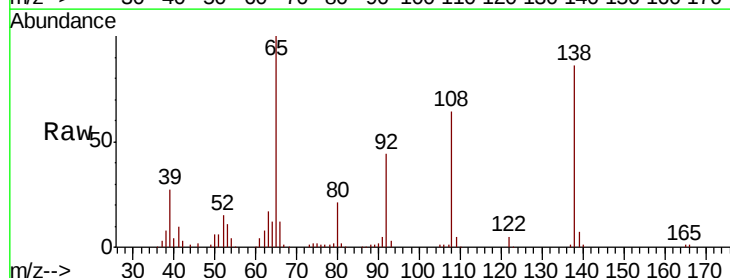
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.780 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.7	71.7
108	74.3	59.3	99.3

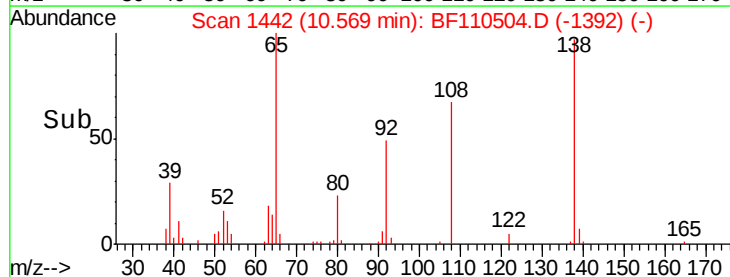
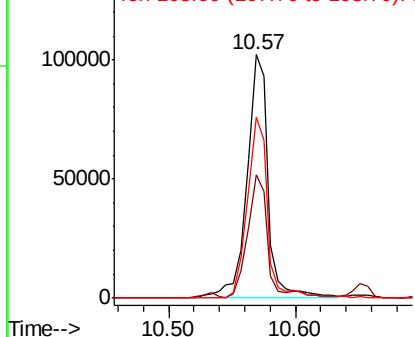


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

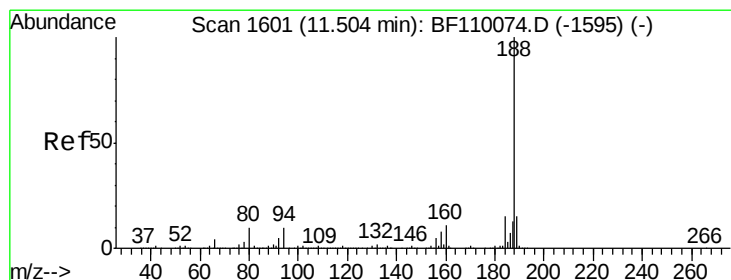
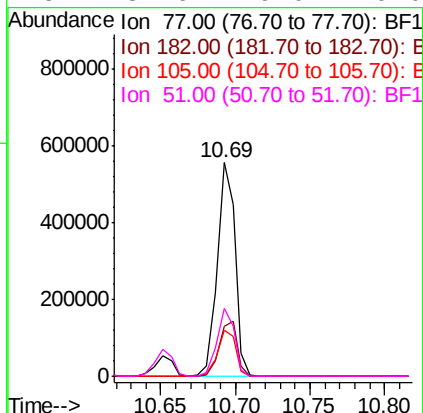
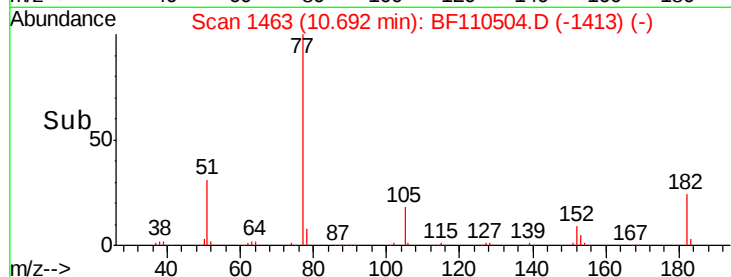
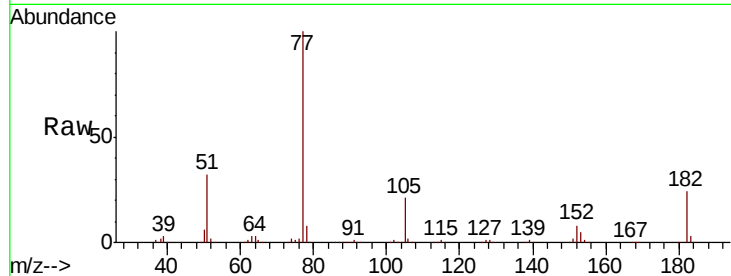




#63
Azobenzene
Concen: 39.974 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

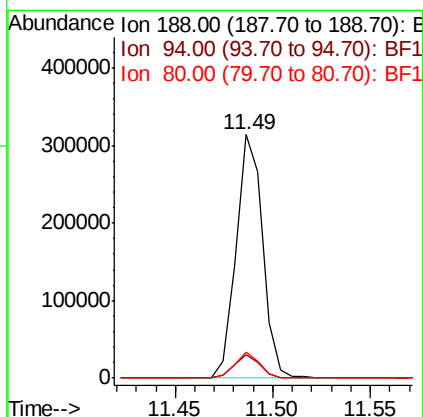
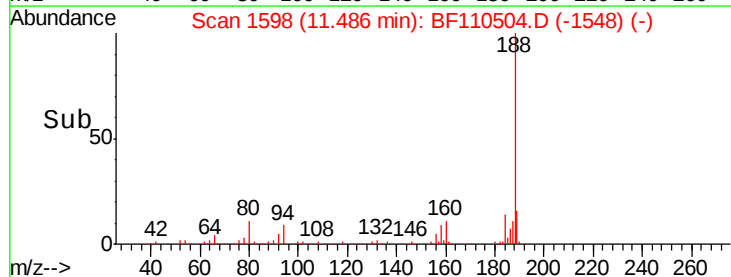
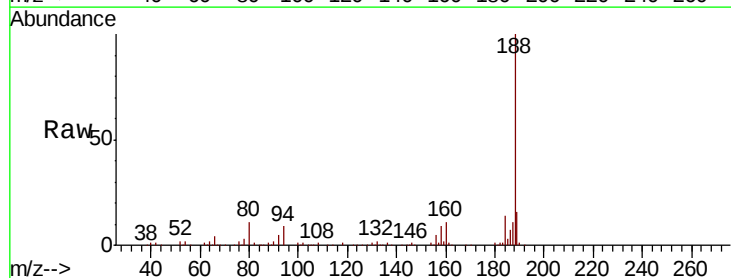
Instrument :
BNA_F
ClientSampleId :

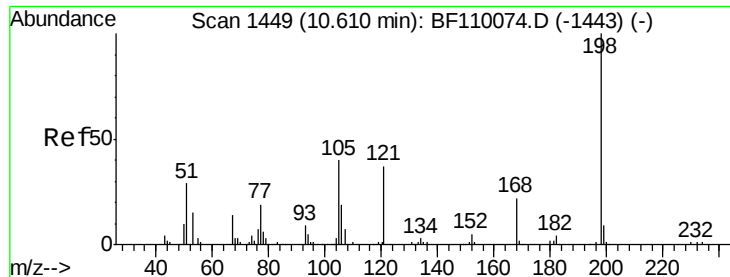
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.3	44.3
105	21.5	1.3	41.3
51	31.6	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.9	7.9	11.9

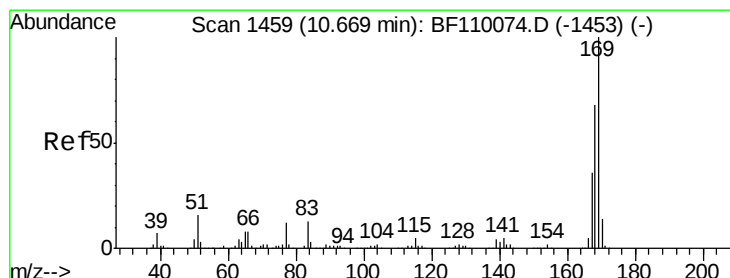
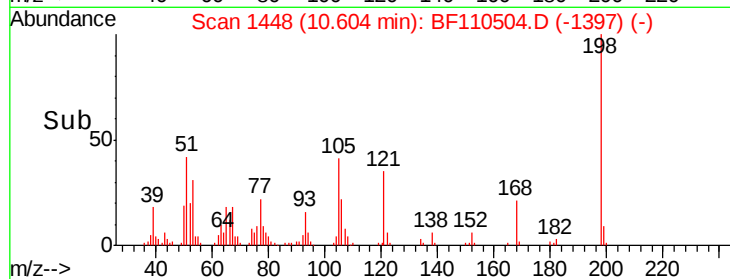
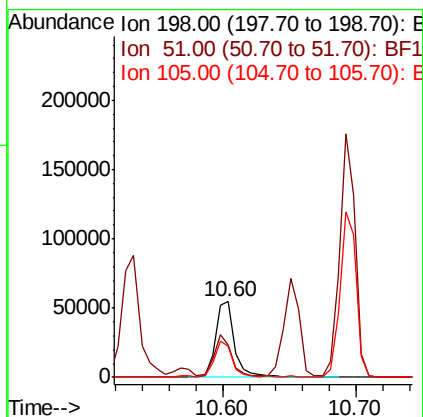
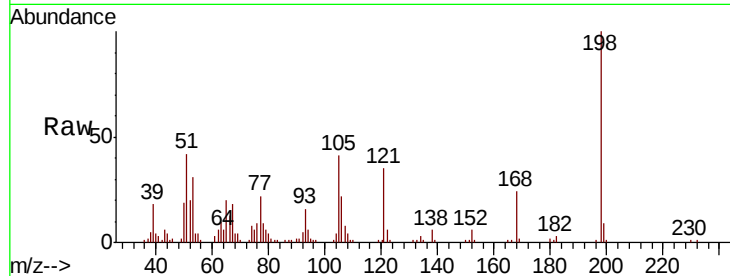




#65
4,6-Dinitro-2-methylphenol
Concen: 40.680 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

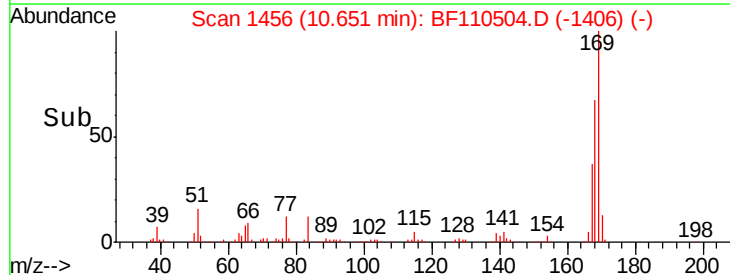
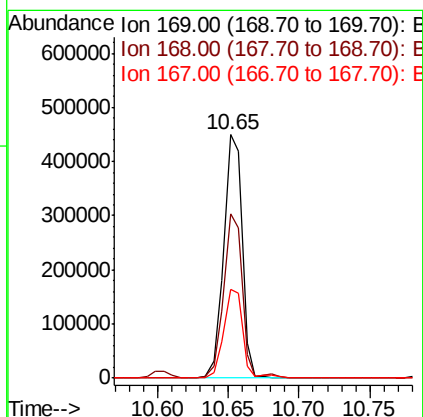
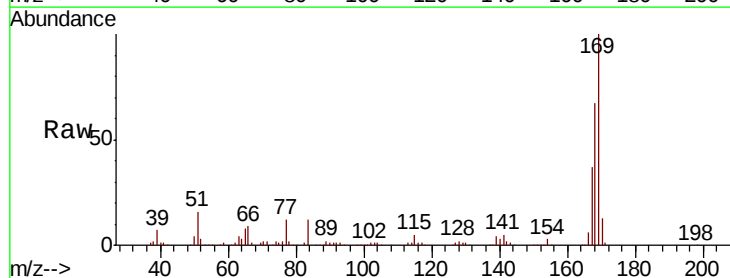
Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 54756
Ion Ratio Lower Upper
198 100
51 42.4 22.8 62.8
105 40.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.355 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:169 Resp: 409292
Ion Ratio Lower Upper
169 100
168 67.4 51.2 76.8
167 36.6 27.8 41.6

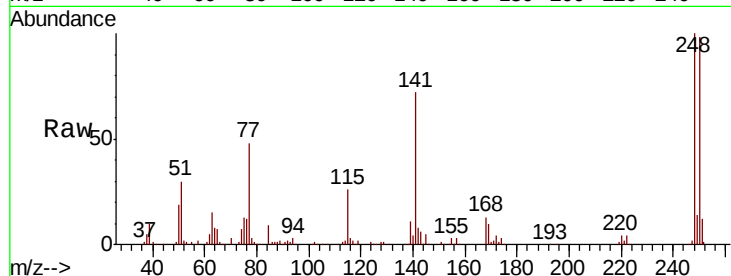




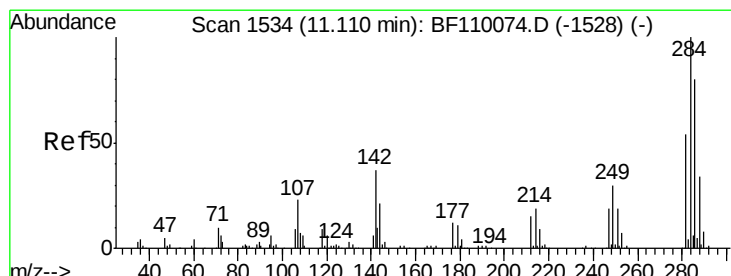
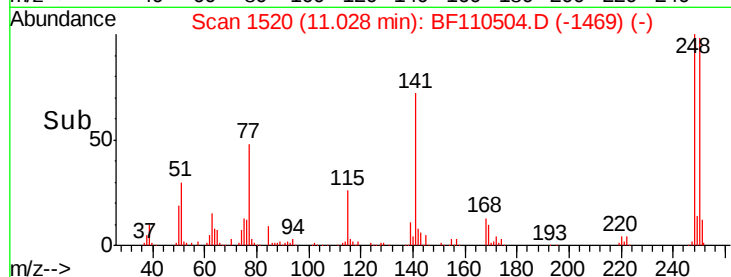
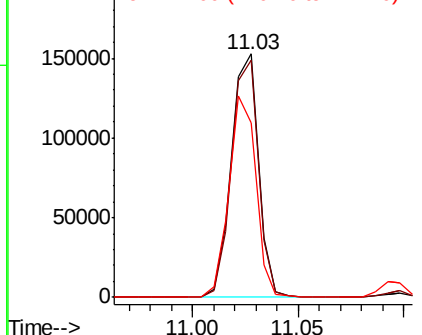
#67
4-Bromophenyl-phenylether
Concen: 42.290 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 135149
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.2
141 71.8 55.9 83.9

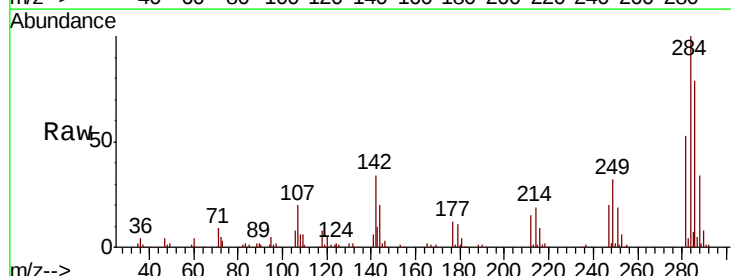


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

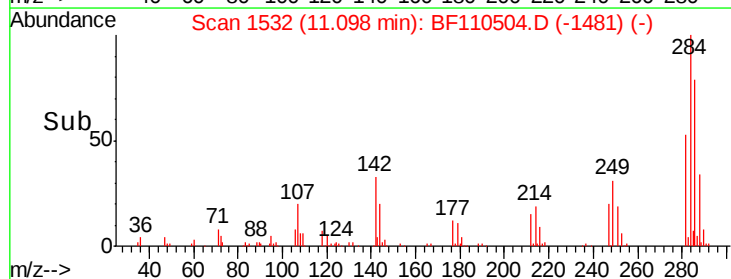
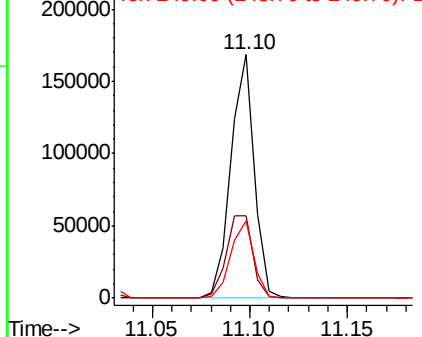


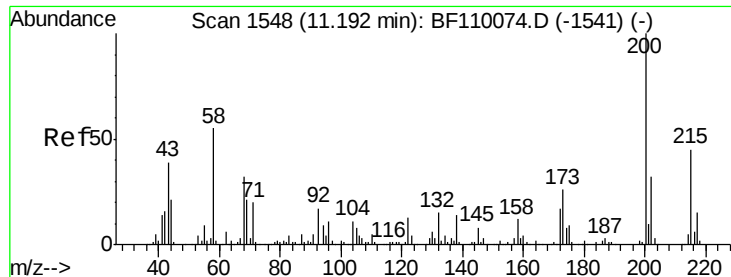
#68
Hexachlorobenzene
Concen: 41.259 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:284 Resp: 139901
Ion Ratio Lower Upper
284 100
142 33.7 23.9 35.9
249 31.7 24.2 36.2



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

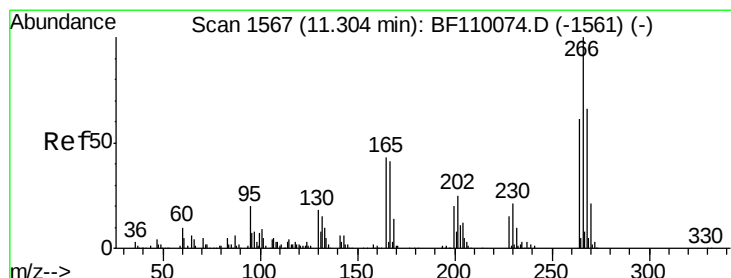
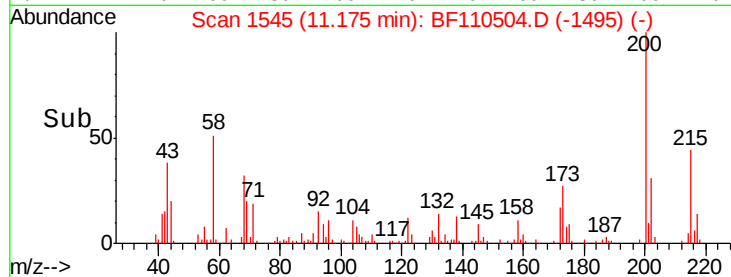
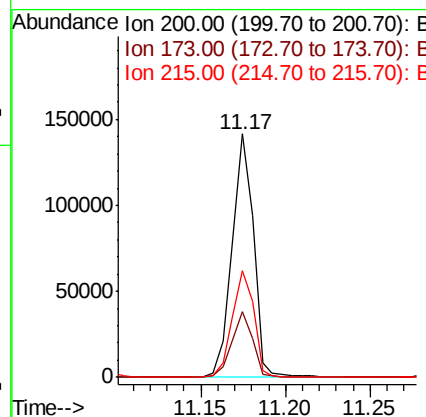
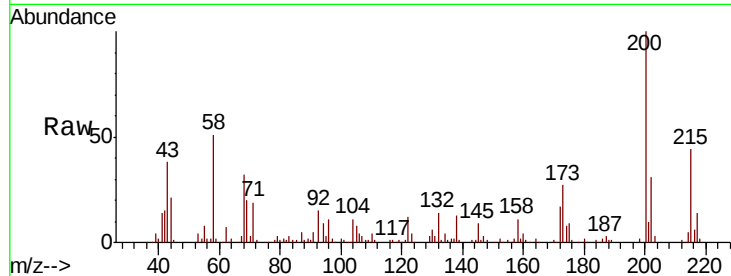




#69
 Atrazine
 Concen: 40.531 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

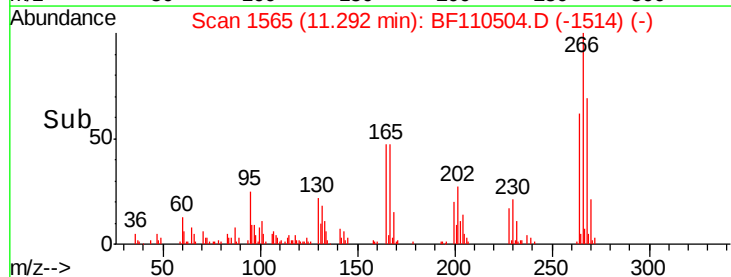
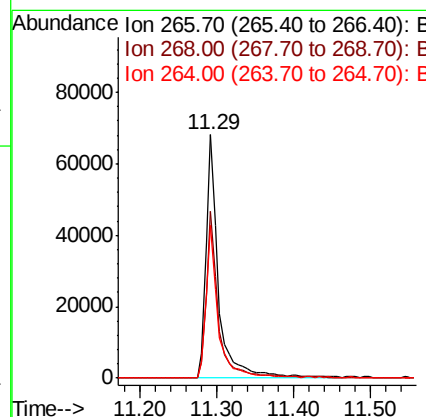
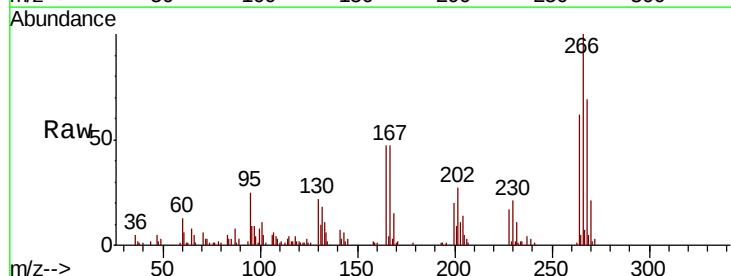
Instrument :
 BNA_F
 ClientSampleId :

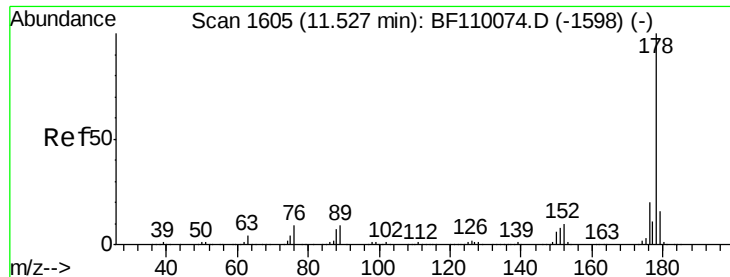
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	43.9	26.3	66.3



#70
 Pentachlorophenol
 Concen: 39.374 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110504.D
 Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	50.6	75.8
264	62.5	50.6	75.8

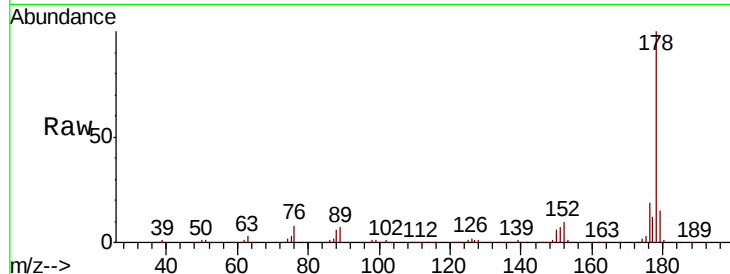




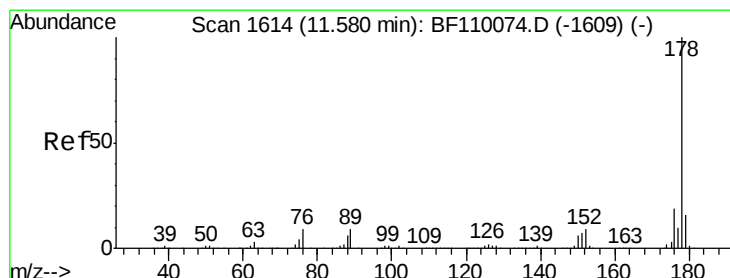
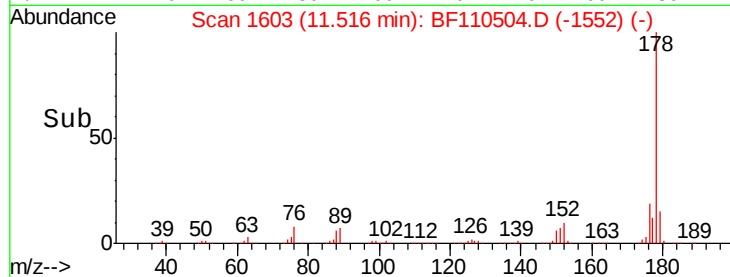
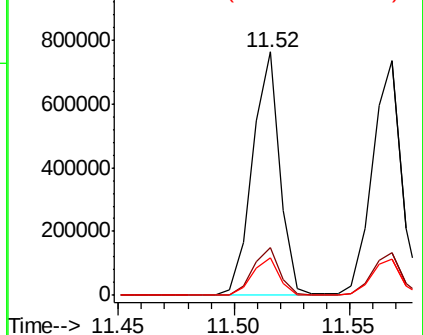
#71
Phenanthrene
Concen: 41.109 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 633721
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.5 18.7

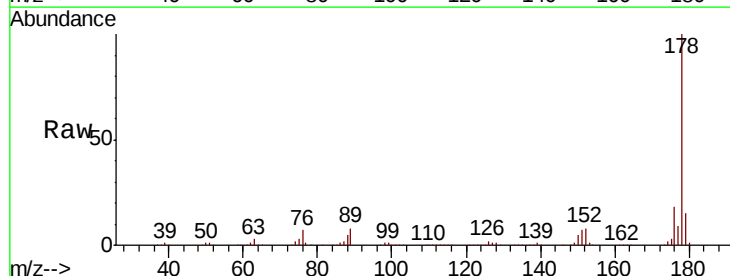


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

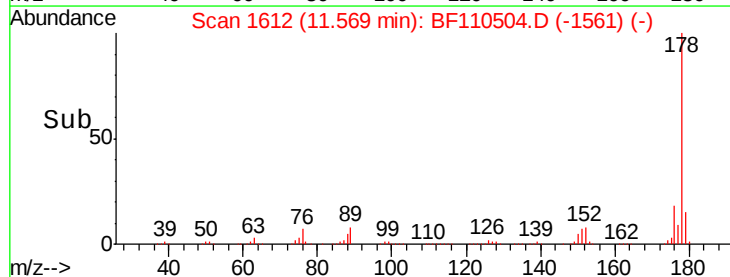
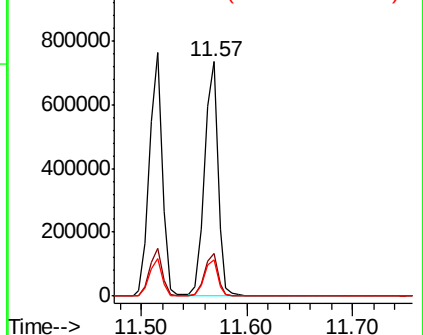


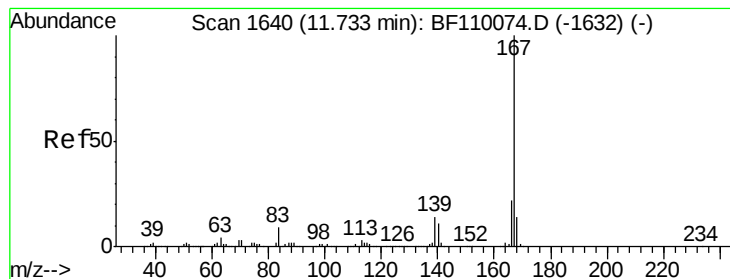
#72
Anthracene
Concen: 41.797 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:178 Resp: 645845
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.3 12.6 18.8



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: 41.473 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

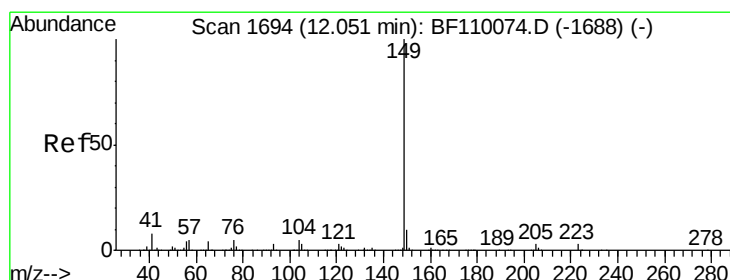
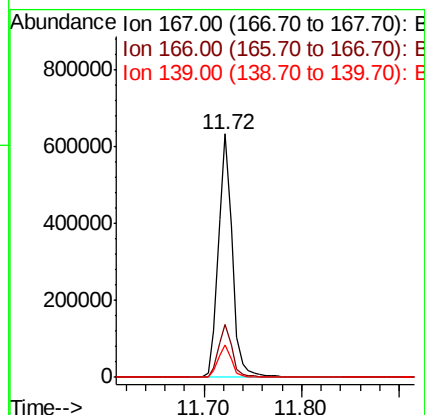
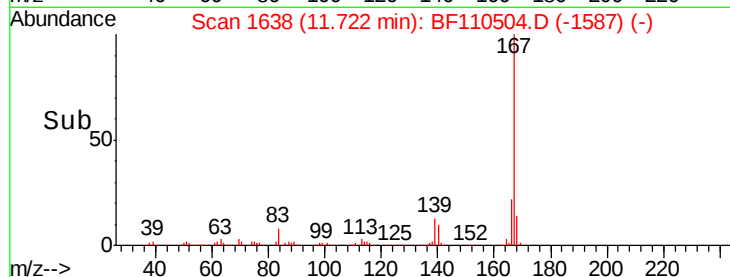
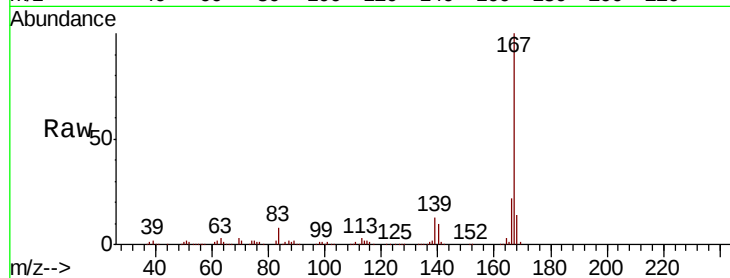
Tot Ion:167 Resp: 625708

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 42.224 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

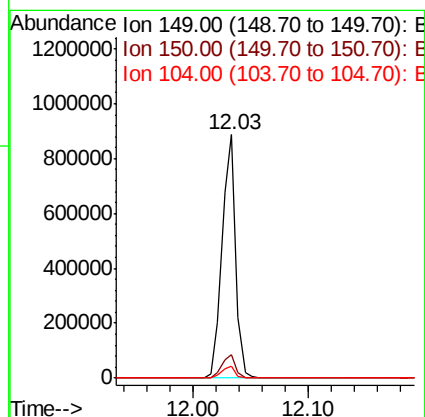
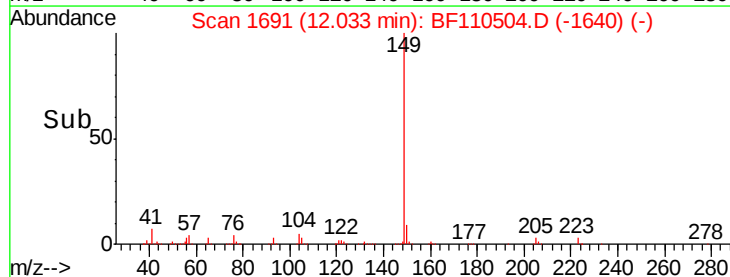
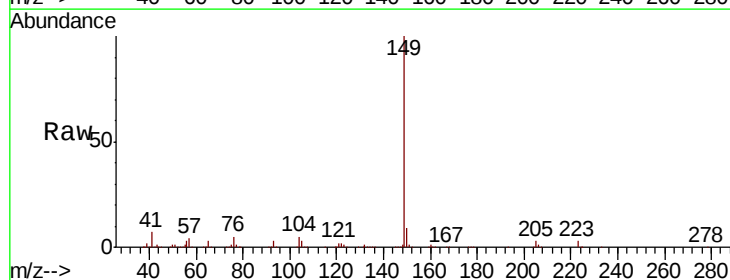
Tgt Ion:149 Resp: 719475

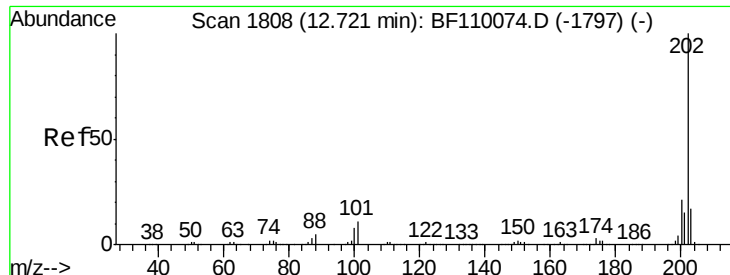
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 40.227 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

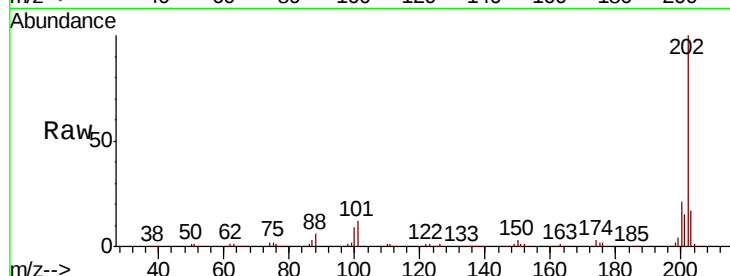
Tot Ion:202 Resp: 629355

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

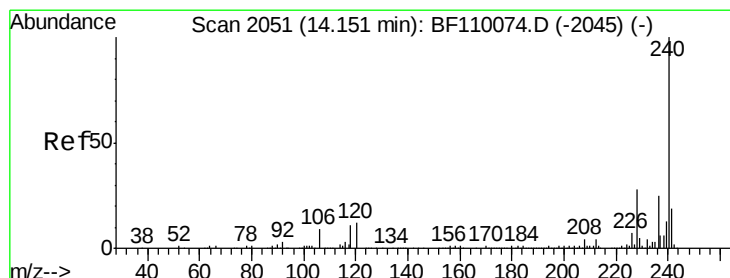
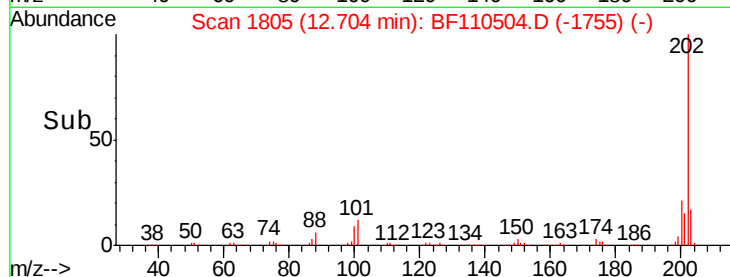
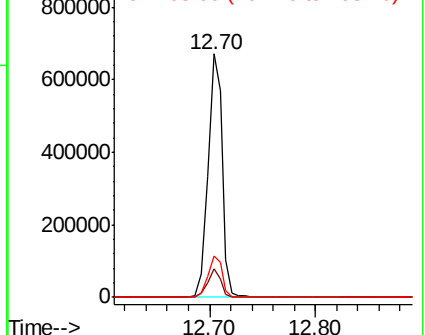
203 17.2 0.0 37.7



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: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

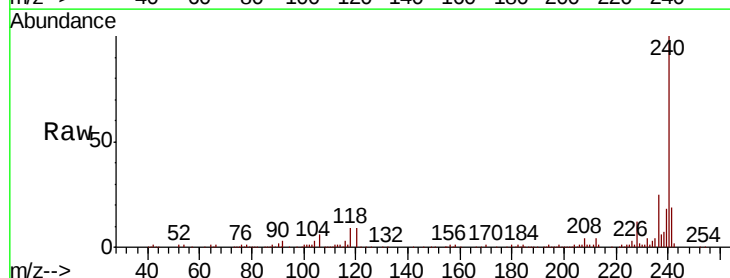
Tgt Ion:240 Resp: 197578

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

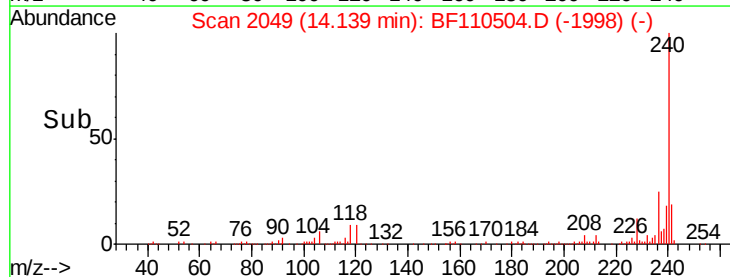
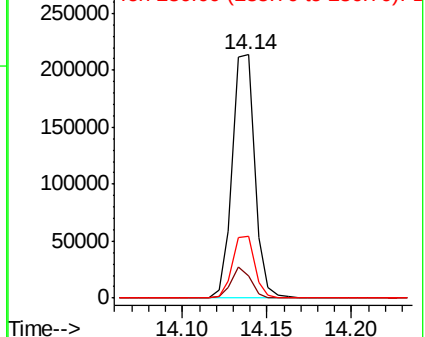
236 25.4 21.2 31.8

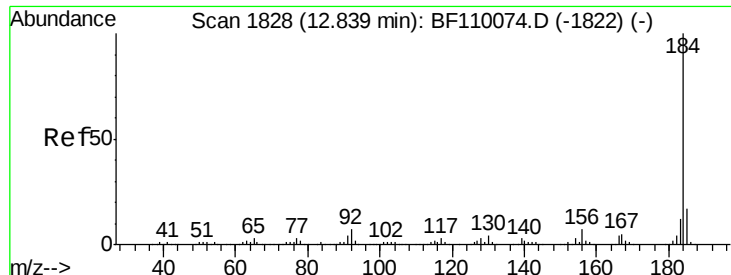


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

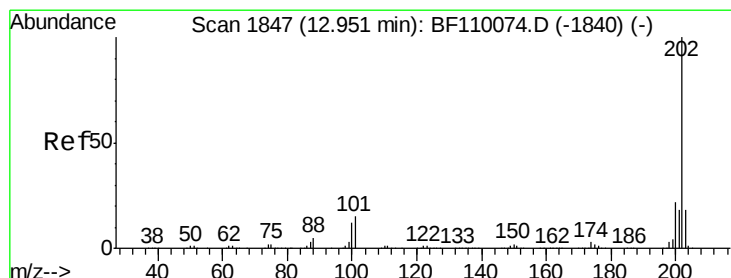
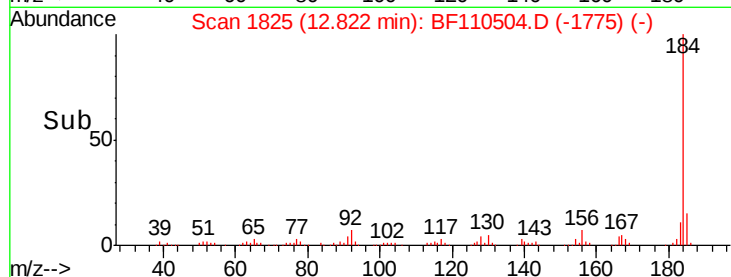
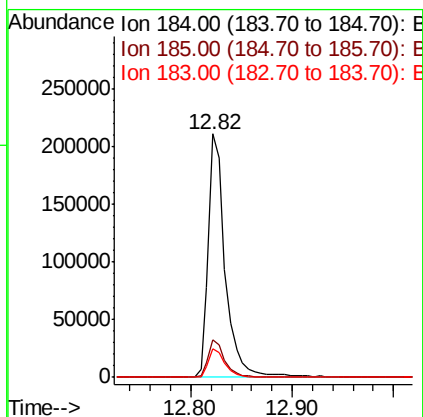
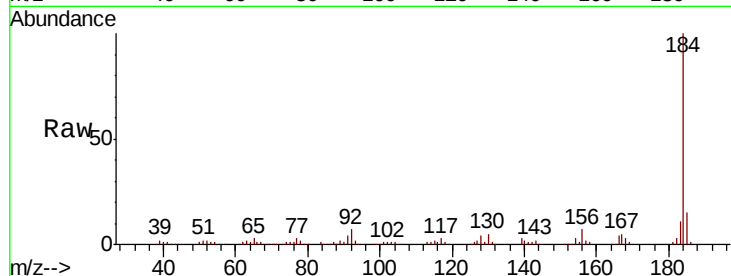




#77
Benzidine
Concen: 44.198 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

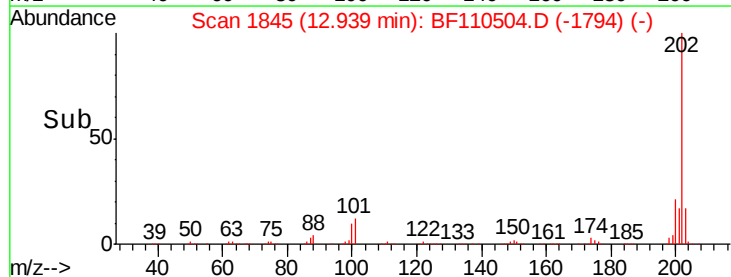
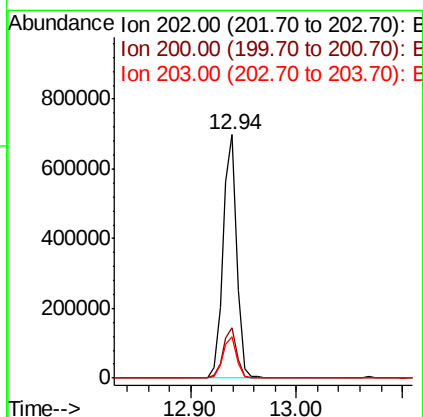
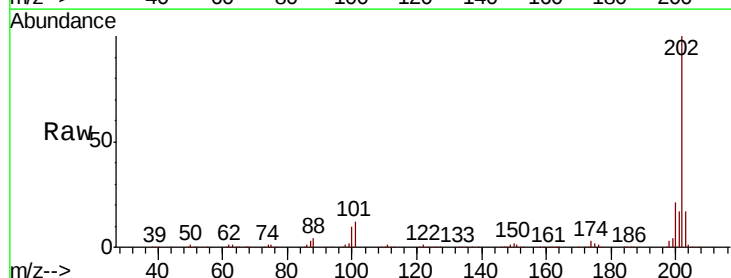
Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 246602
Ion Ratio Lower Upper
184 100
185 15.3 13.4 20.2
183 11.5 9.4 14.2



#78
Pyrene
Concen: 44.857 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:202 Resp: 635387
Ion Ratio Lower Upper
202 100
200 20.6 17.8 26.6
203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 91.557 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

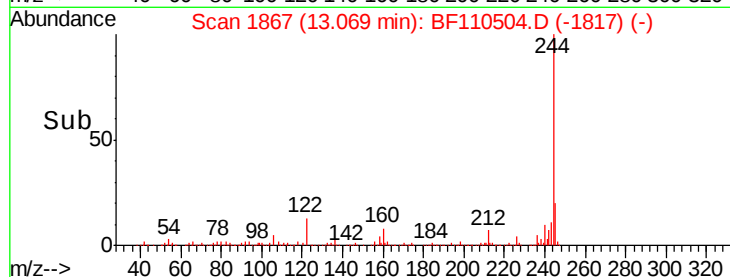
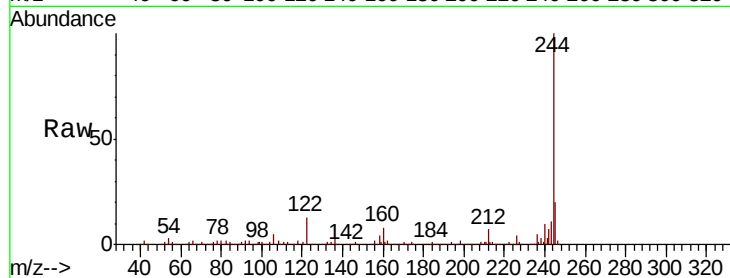
Tot Ion:244 Resp: 869820

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

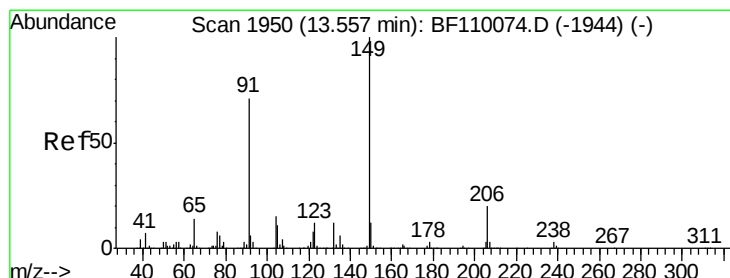
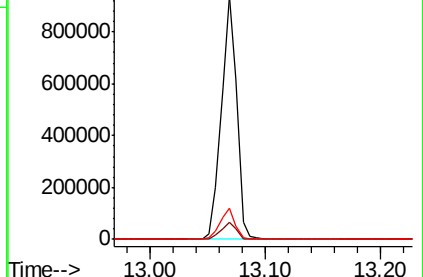
122 12.7 8.7 13.1



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: 44.113 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

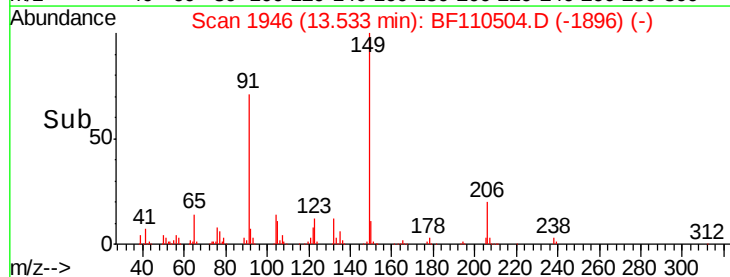
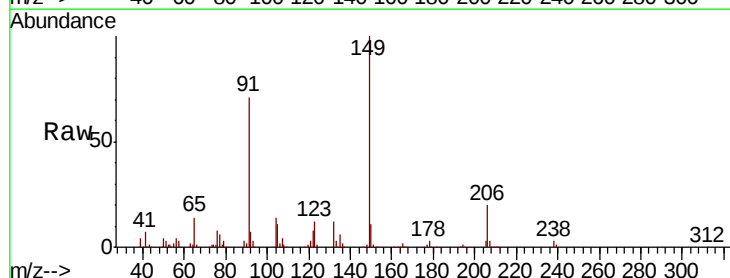
Tgt Ion:149 Resp: 271211

Ion Ratio Lower Upper

149 100

91 70.8 57.2 85.8

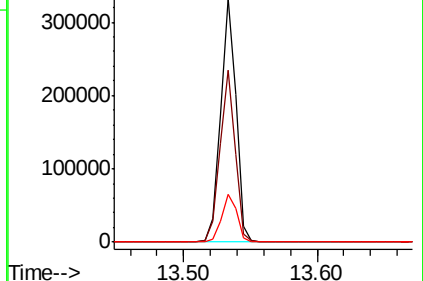
206 19.5 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.896 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

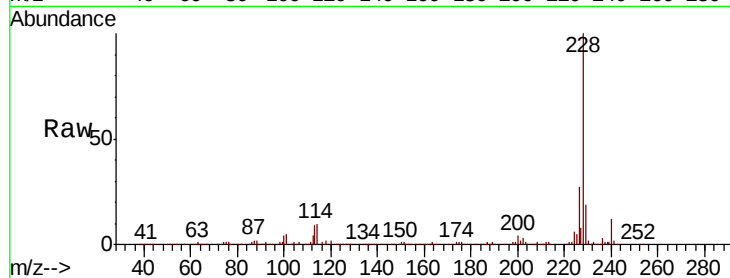
Tot Ion:228 Resp: 479171

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

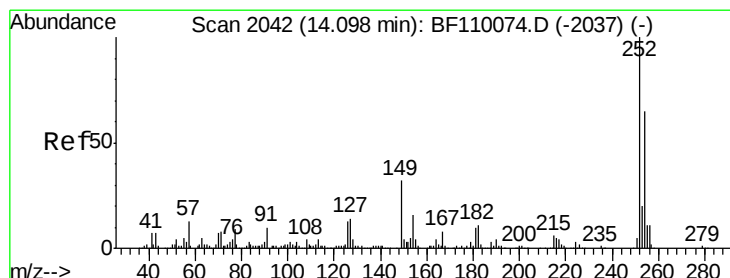
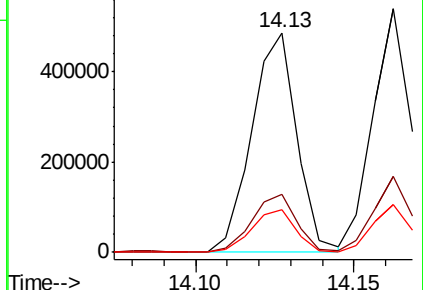
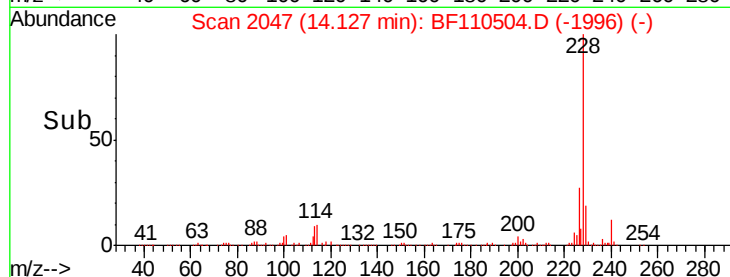
229 19.2 15.6 23.4



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: 38.631 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

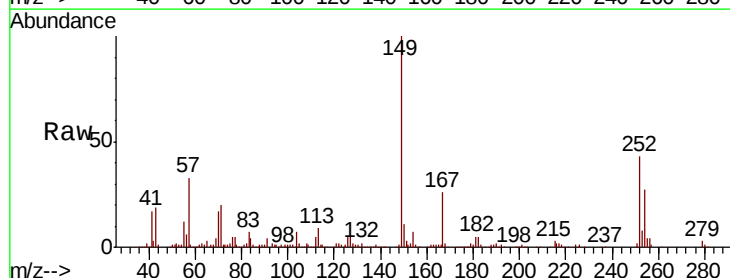
Tgt Ion:252 Resp: 157613

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

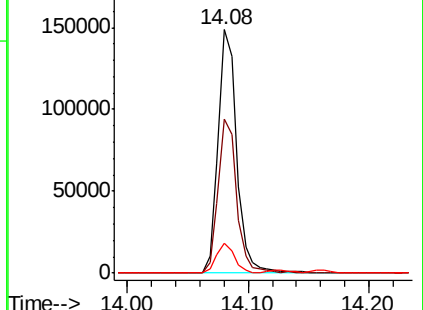
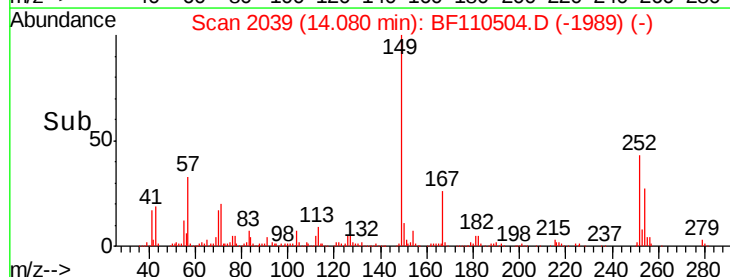
126 12.3 9.4 14.2

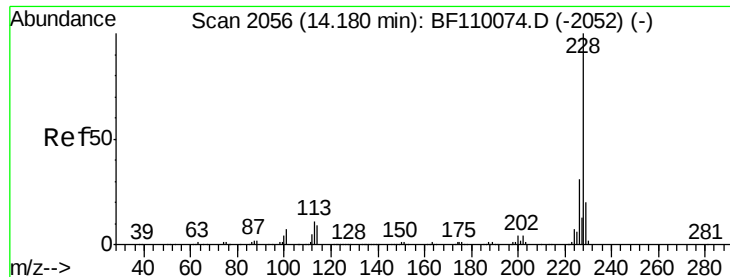


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.894 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

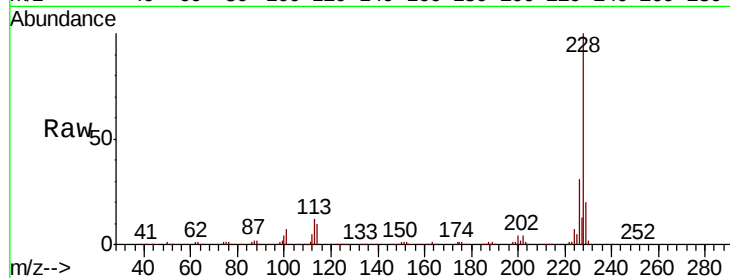
Tot Ion:228 Resp: 455099

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

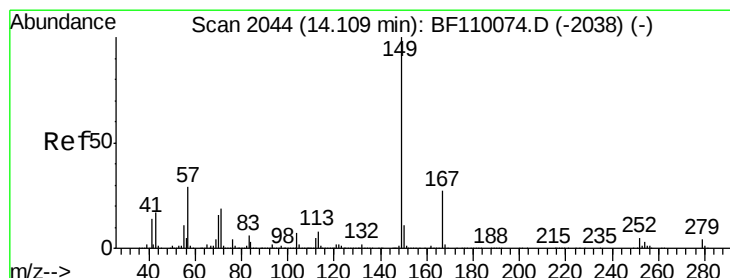
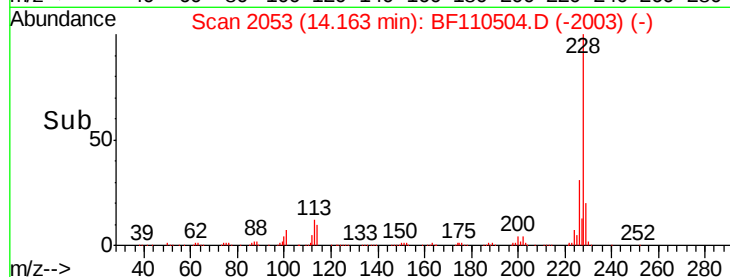
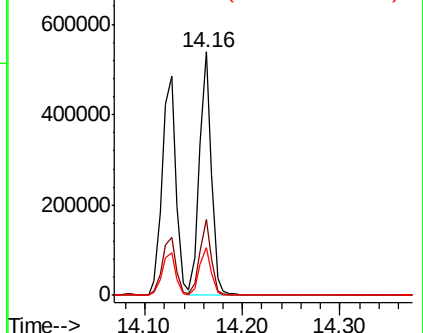
229 19.9 15.9 23.9



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: 40.707 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110504.D

Acq: 6 Nov 2018 10:13

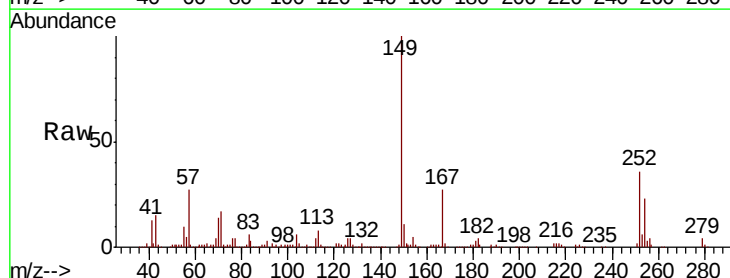
Tgt Ion:149 Resp: 338311

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

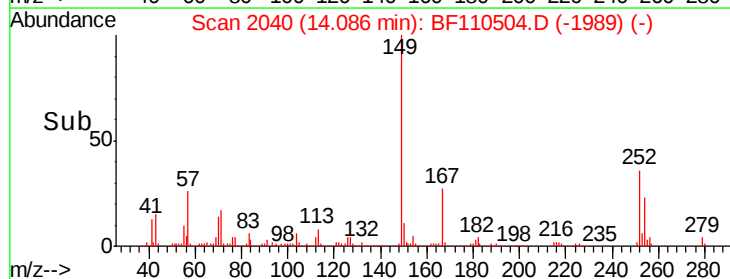
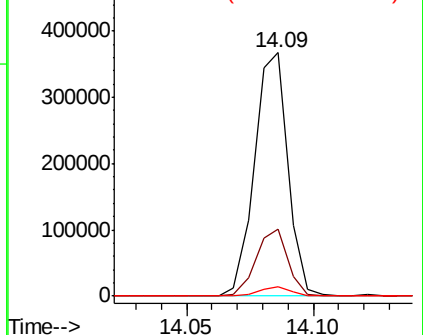
279 4.0 2.7 4.1



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

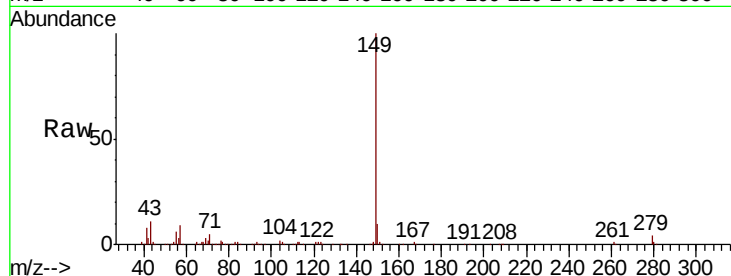




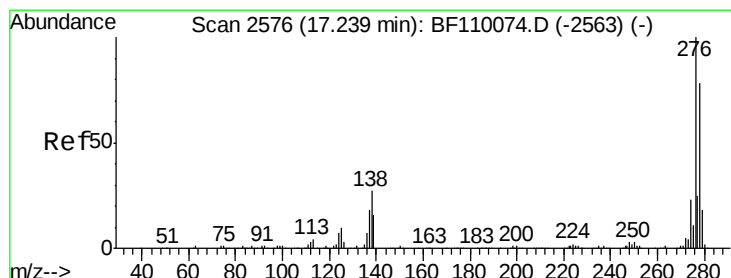
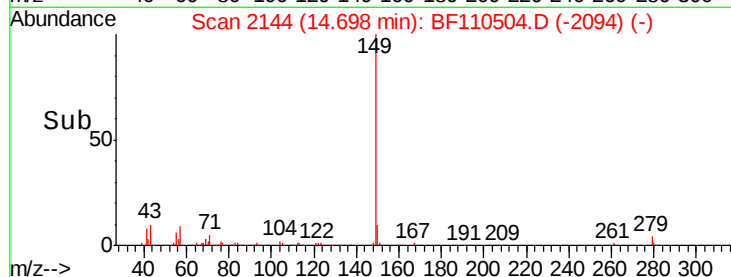
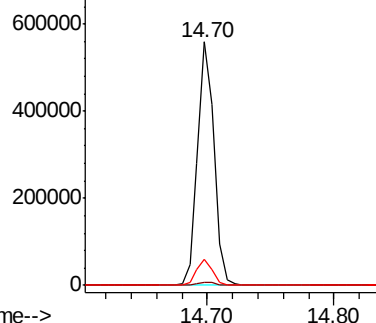
#85
Di-n-octyl phthalate
Concen: 38.898 ng
RT: 14.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

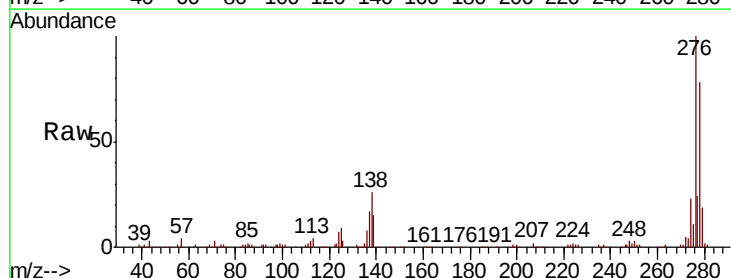


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

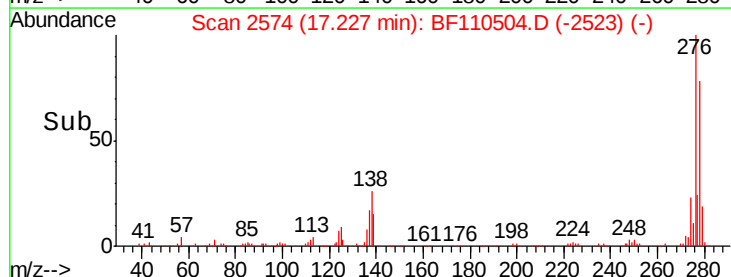
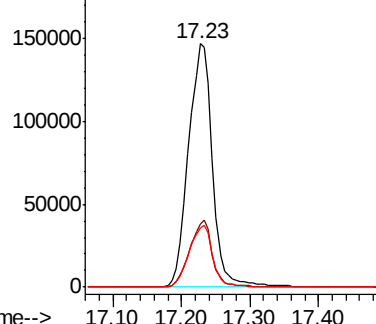


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.688 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.5	27.7
277	25.0	20.0	30.0



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



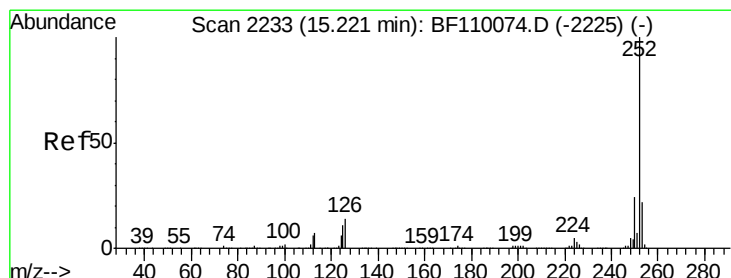
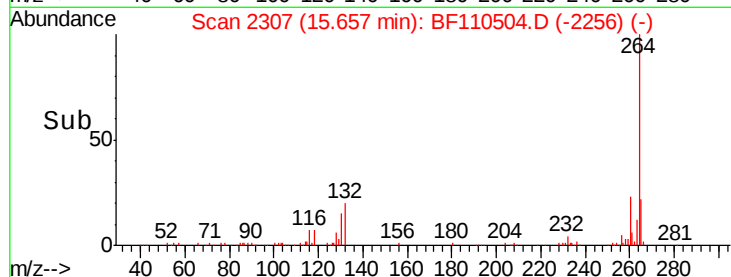
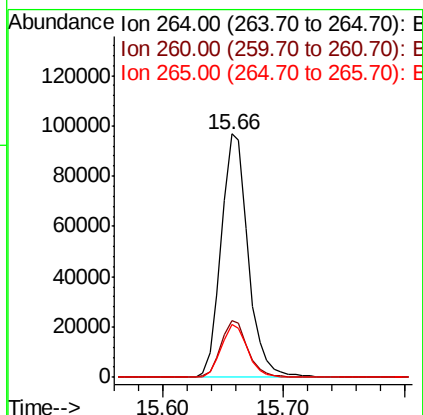
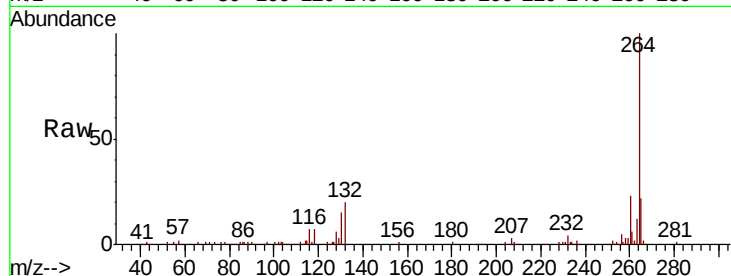


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 149253

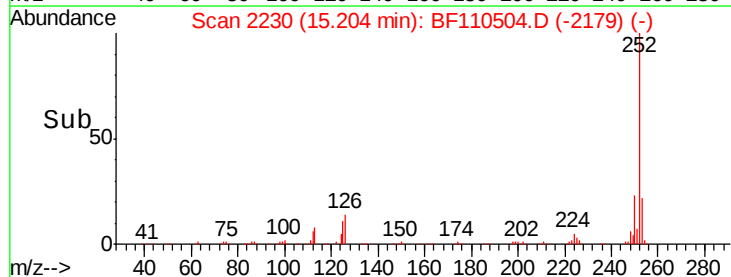
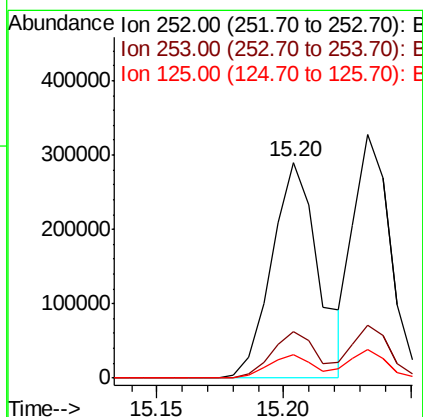
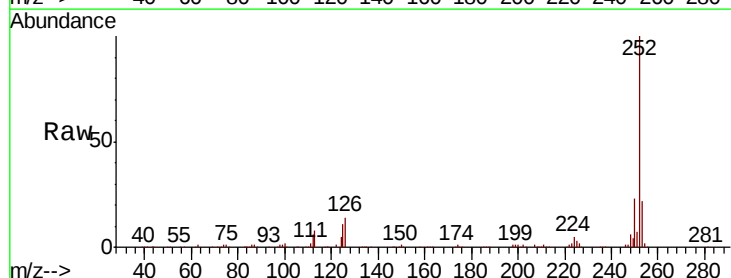
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1

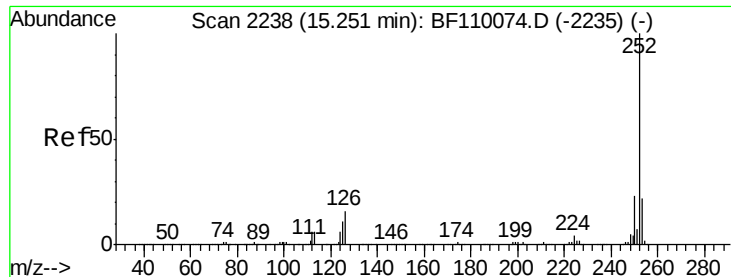


#88
Benzo(b)fluoranthene
Concen: 43.091 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:252 Resp: 371392

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.9	8.2	12.4

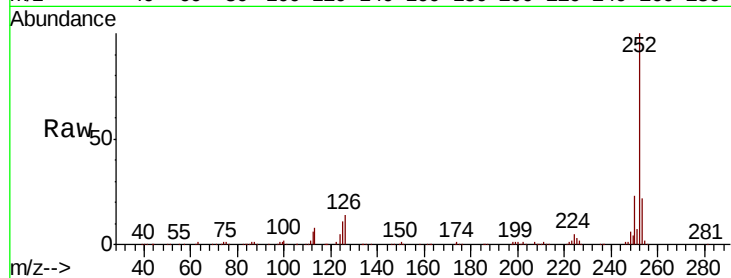




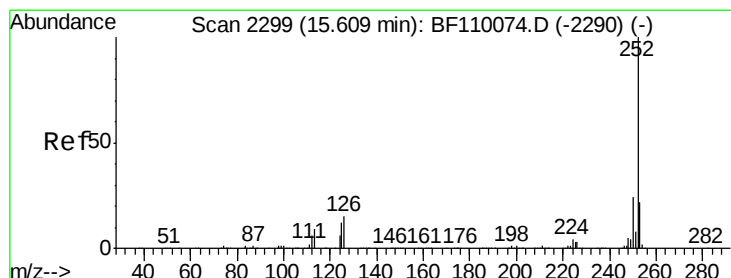
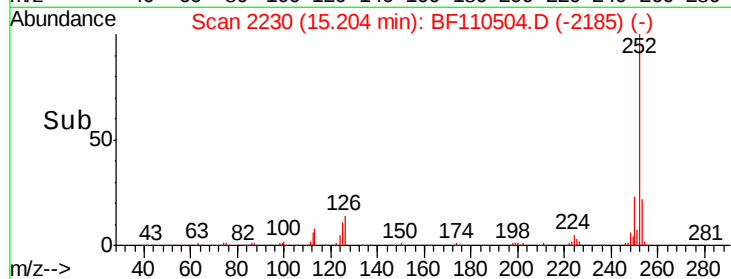
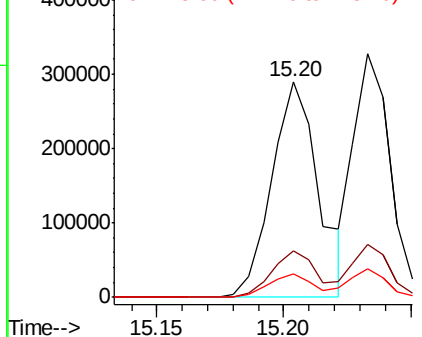
#89
Benzo(k)fluoranthene
Concen: 43.832 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 371392
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.9 7.4 11.0

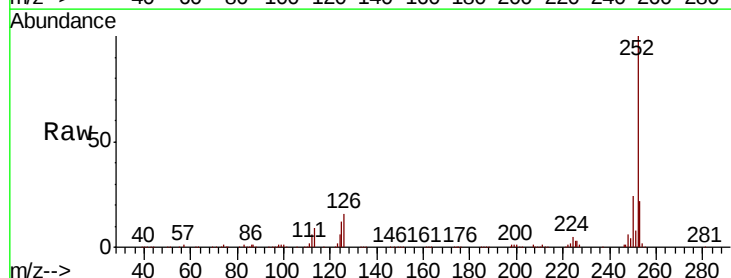


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

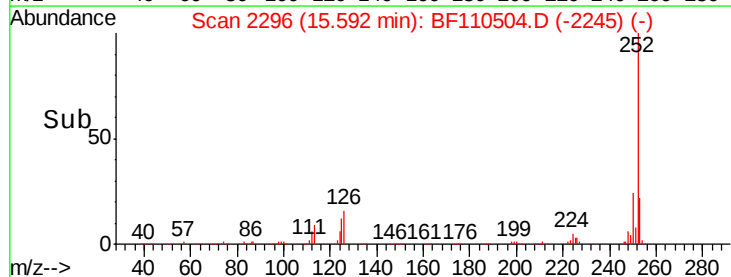
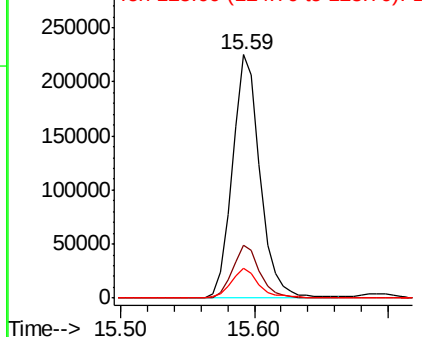


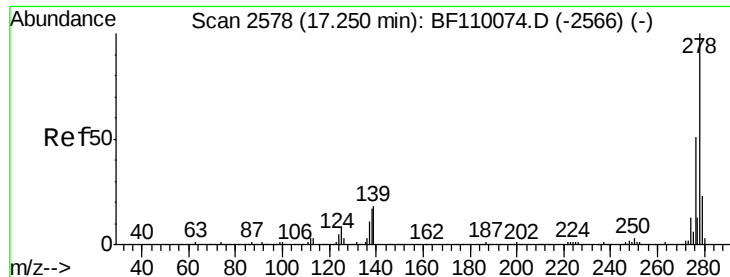
#90
Benzo(a)pyrene
Concen: 40.947 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:252 Resp: 324741
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 12.3 9.0 13.6



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



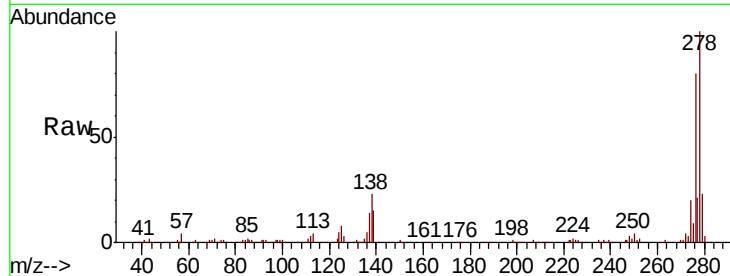


#91
Dibenzo(a,h)anthracene
Concen: 43.243 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

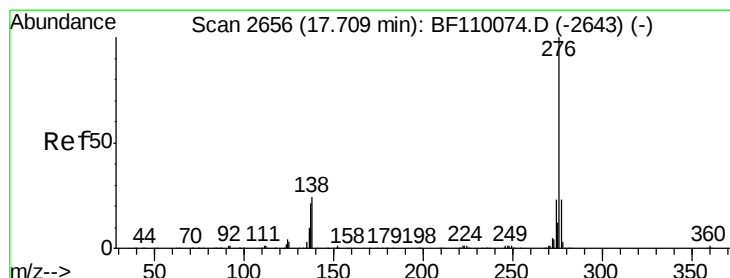
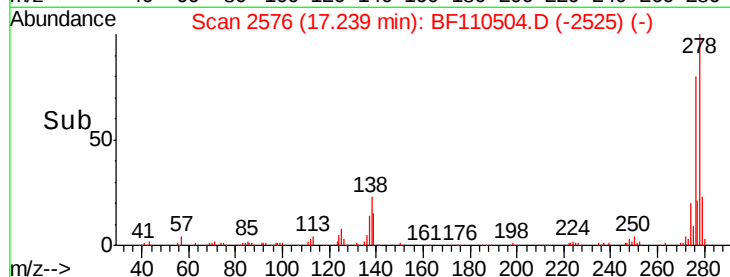
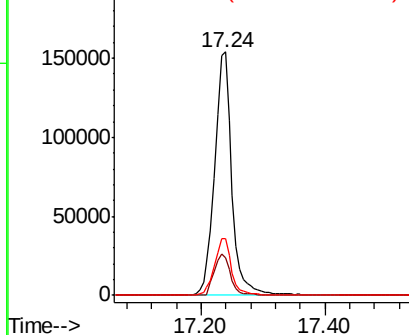
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 295913

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	23.1	19.0	28.4



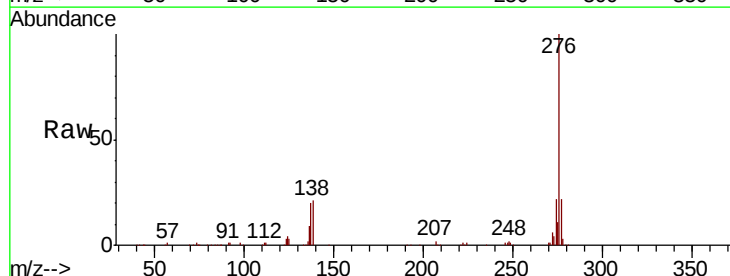
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.399 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110504.D
Acq: 6 Nov 2018 10:13

Tgt Ion:276 Resp: 292648

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	21.5	16.0	24.0



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

