

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110953.D
 Acq On : 26 Nov 2018 10:04
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 11:33:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 11:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65242	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	287498	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	142396	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	283397	20.00	ng	0.00
76) Chrysene-d12	14.13	240	237110	20.00	ng	0.00
87) Perylene-d12	15.66	264	199890	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	79681	19.84	ng	0.01
7) Phenol-d6	6.56	99	107393	20.91	ng	0.00
23) Nitrobenzene-d5	7.50	82	101729	20.38	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	29190	20.34	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	214968	21.56	ng	0.00
79) Terphenyl-d14	13.06	244	254557	20.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	19577	9.782	ng	94
3) Pyridine	3.60	79	35312	8.174	ng	# 84
4) n-Nitrosodimethylamine	3.54	42	13934	7.518	ng	# 89
6) Aniline	6.60	93	64394	9.614	ng	# 58
8) 2-Chlorophenol	6.72	128	48261	10.250	ng	98
9) Benzaldehyde	6.50	77	35251	12.095	ng	87
10) Phenol	6.57	94	59680	10.021	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	42887	9.609	ng	96
12) 1,3-Dichlorobenzene	6.87	146	52796	10.248	ng	96
13) 1,4-Dichlorobenzene	6.95	146	54547	10.426	ng	95
14) 1,2-Dichlorobenzene	7.10	146	52099	10.705	ng	100
15) Benzyl Alcohol	7.09	79	40608	10.103	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	73601	10.500	ng	80
17) 2-Methylphenol	7.19	107	39050	10.421	ng	# 84
18) Hexachloroethane	7.44	117	19532	10.113	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	35752	10.905	ng	96
20) 3+4-Methylphenols	7.35	107	52637	10.942	ng	# 33
22) Acetophenone	7.35	105	70297	10.492	ng	# 92
24) Nitrobenzene	7.52	77	52216	10.209	ng	98
25) Isophorone	7.76	82	84009	10.267	ng	95
26) 2-Nitrophenol	7.85	139	24608	9.644	ng	99
27) 2,4-Dimethylphenol	7.87	122	38560	9.923	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	56312	10.165	ng	97
29) 2,4-Dichlorophenol	8.10	162	40265	10.070	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	46169	10.241	ng	94
31) Naphthalene	8.24	128	140224	10.390	ng	98
32) Benzoic acid	7.97	122	19934	7.250	ng	# 86
33) 4-Chloroaniline	8.30	127	60374	9.876	ng	99
34) Hexachlorobutadiene	8.35	225	26599	10.329	ng	96
35) Caprolactam	8.65	113	13715	10.266	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	46566	10.798	ng	98
37) 2-Methylnaphthalene	8.93	142	91707	10.365	ng	98
38) 1-Methylnaphthalene	9.03	142	89296	10.495	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	46535	10.324	ng	98

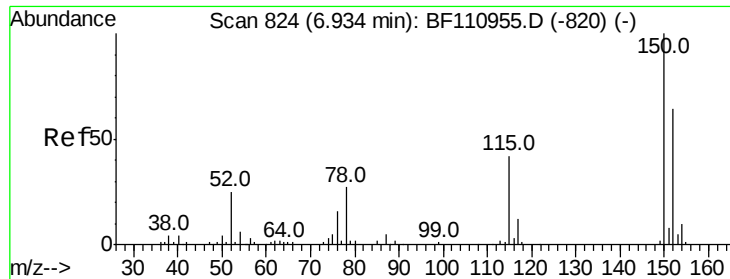
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	361	0.250	ng	92
43) 2,4,6-Trichlorophenol	9.22	196	27112	9.572	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	29686	9.825	ng	96
46) 1,1'-Biphenyl	9.39	154	136771	10.296	ng	100
47) 2-Chloronaphthalene	9.43	162	98749	10.319	ng	99
48) 2-Nitroaniline	9.53	65	30006	10.175	ng	96
49) Acenaphthylene	9.84	152	144198	10.463	ng	99
50) Dimethylphthalate	9.69	163	109586	10.314	ng	99
51) 2,6-Dinitrotoluene	9.76	165	24130	10.324	ng #	86
52) Acenaphthene	10.01	154	92305	10.598	ng	97
53) 3-Nitroaniline	9.95	138	27995	10.338	ng	90
54) 2,4-Dinitrophenol	10.09	184	4804	5.817	ng	87
55) Dibenzofuran	10.19	168	137786	10.813	ng	96
56) 4-Nitrophenol	10.13	139	9258	5.153	ng	90
57) 2,4-Dinitrotoluene	10.19	165	32166	10.584	ng #	85
58) Fluorene	10.53	166	104907	10.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	24266	10.209	ng	93
60) Diethylphthalate	10.39	149	115345	10.973	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	55691	10.989	ng	96
62) 4-Nitroaniline	10.56	138	26008	9.538	ng	98
63) Azobenzene	10.67	77	111027	10.826	ng	99
65) 4,6-Dinitro-2-methylphenol	10.61	198	10189	7.134	ng	93
66) n-Nitrosodiphenylamine	10.63	169	98343	10.295	ng	97
67) 4-Bromophenyl-phenylether	11.00	248	31806	10.155	ng #	85
68) Hexachlorobenzene	11.08	284	33656	10.192	ng #	90
69) Atrazine	11.16	200	31546	10.801	ng	98
70) Pentachlorophenol	11.29	266	10406	5.906	ng	89
71) Phenanthrene	11.50	178	157635	10.382	ng	99
72) Anthracene	11.55	178	162052	10.581	ng	99
73) Carbazole	11.72	167	158485	10.775	ng	99
74) Di-n-butylphthalate	12.02	149	184067	10.671	ng	98
75) Fluoranthene	12.70	202	164769	10.824	ng	99
77) Benzidine	12.82	184	86016	13.191	ng	96
78) Pyrene	12.93	202	170579	9.343	ng	96
80) Butylbenzylphthalate	13.52	149	74714	9.508	ng	96
81) Benzo(a)anthracene	14.12	228	141143	9.959	ng	98
82) 3,3'-Dichlorobenzidine	14.08	252	54512	11.482	ng	98
83) Chrysene	14.16	228	140346	10.394	ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	102837	10.550	ng	98
85) Di-n-octyl phthalate	14.69	149	165912	11.574	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	100265	10.348	ng	98
88) Benzo(b)fluoranthene	15.20	252	114366	9.564	ng	98
89) Benzo(k)fluoranthene	15.24	252	123686	10.468	ng	99
90) Benzo(a)pyrene	15.60	252	108830	10.017	ng #	98
91) Dibenzo(a,h)anthracene	17.26	278	83484	9.080	ng	98
92) Benzo(g,h,i)perylene	17.74	276	77981	8.548	ng	97

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

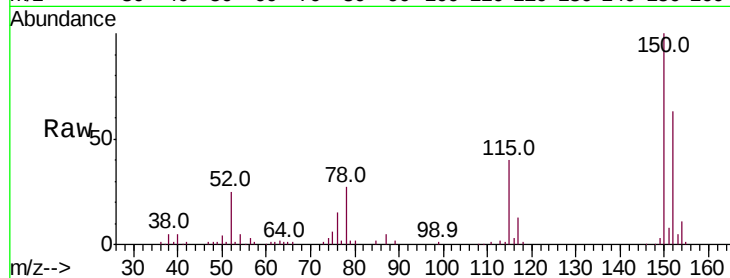


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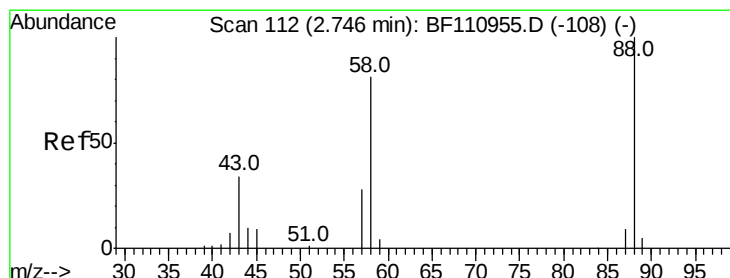
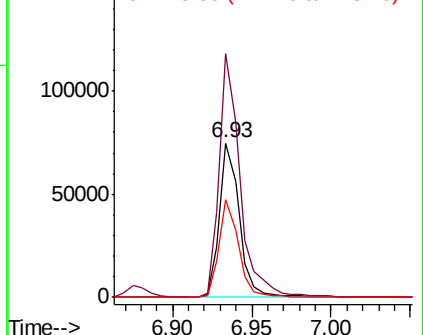
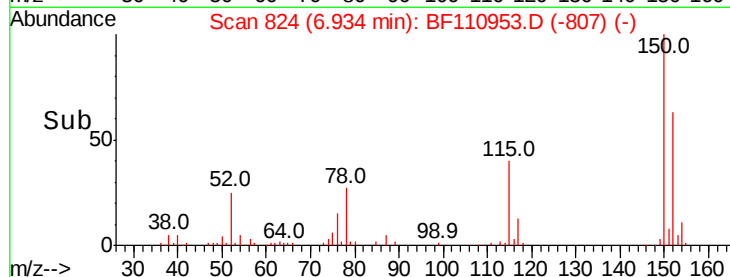
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65242
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 63.6 49.1 73.7



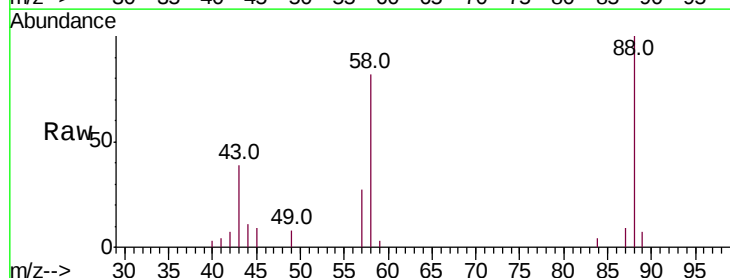
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



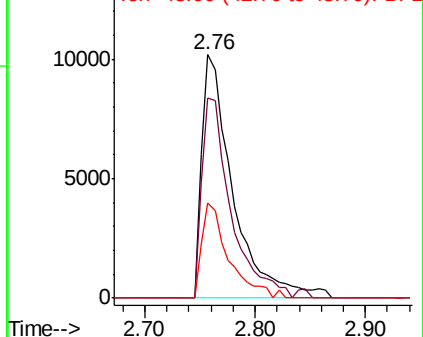
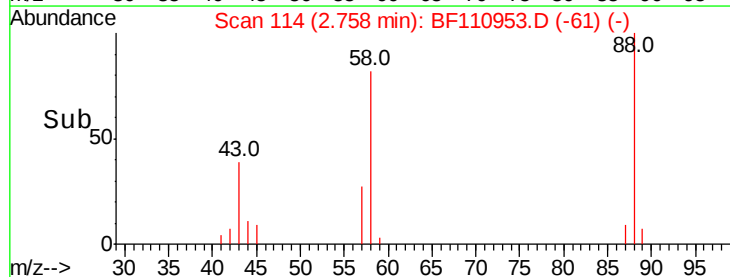
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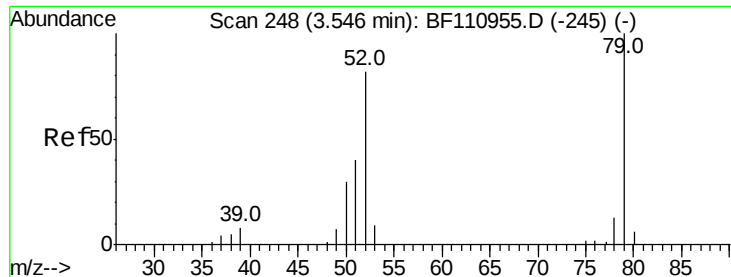
1,4-Dioxane
Concen: 9.782 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion: 88 Resp: 19577
Ion Ratio Lower Upper
88 100
58 76.3 57.1 85.7
43 33.3 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

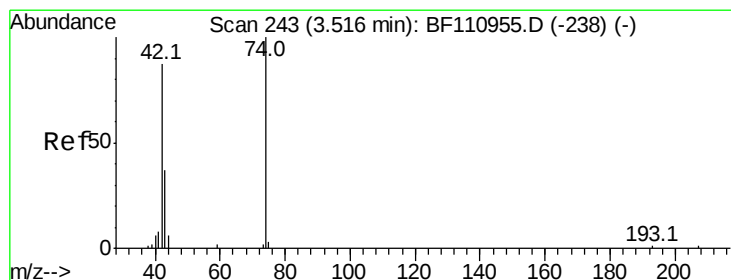
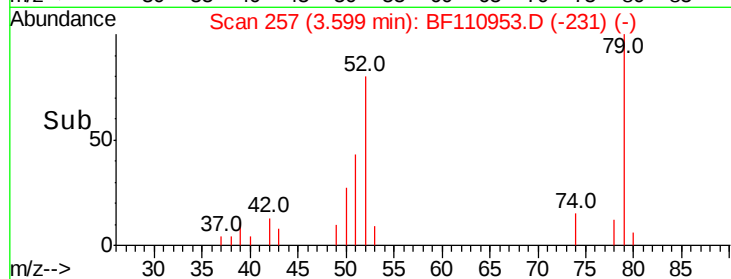
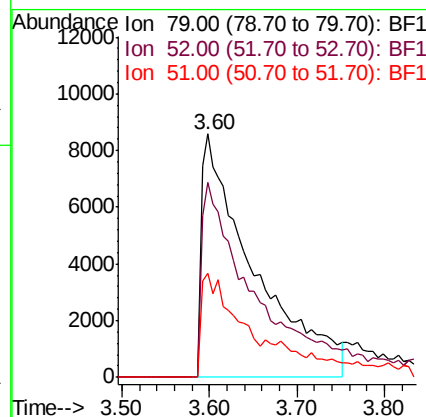
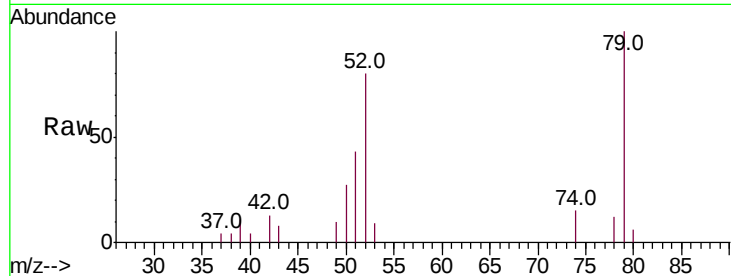




#3
 Pvridine
 Concen: 8.174 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.05 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

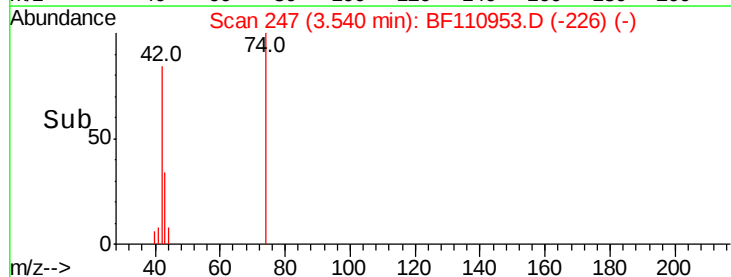
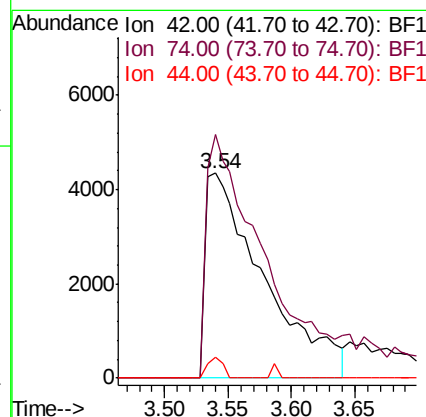
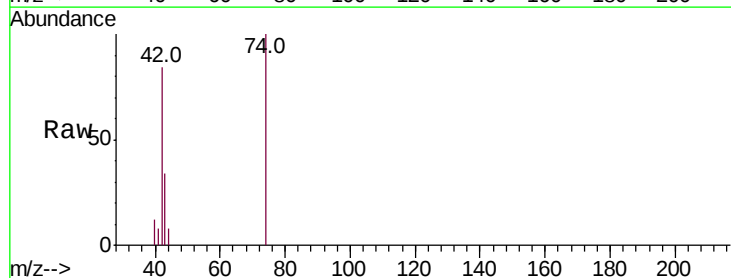
Instrument :
 BNA_F
 ClientSampled :

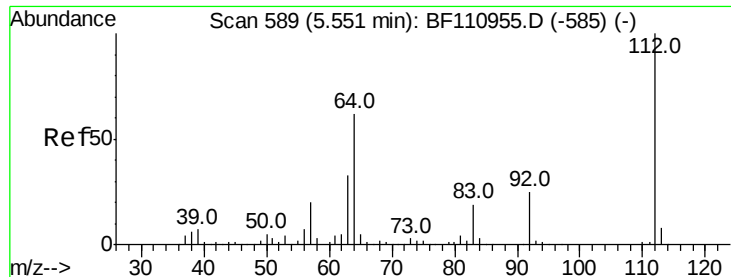
Tot Ion: 79 Resp: 35312
 Ion Ratio Lower Upper
 79 100
 52 80.1 53.1 79.7#
 51 42.8 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 7.518 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.02 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion: 42 Resp: 13934
 Ion Ratio Lower Upper
 42 100
 74 118.9 105.5 158.3
 44 9.9 4.9 7.3#





#5

2-Fluorophenol

Concen: 19.838 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

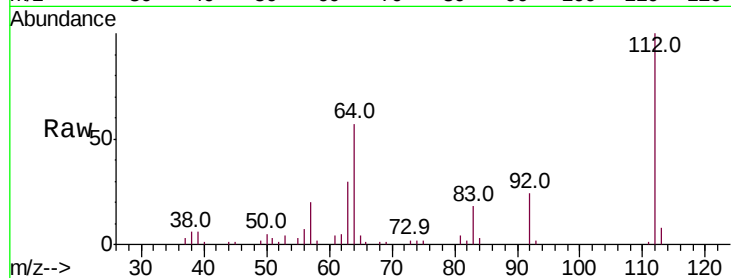
Tot Ion:112 Resp: 79681

Ion Ratio Lower Upper

112 100

64 56.8 44.1 66.1

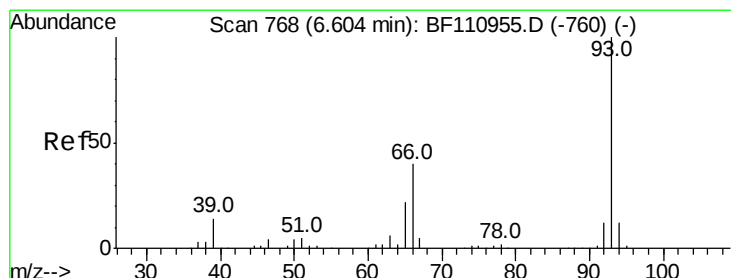
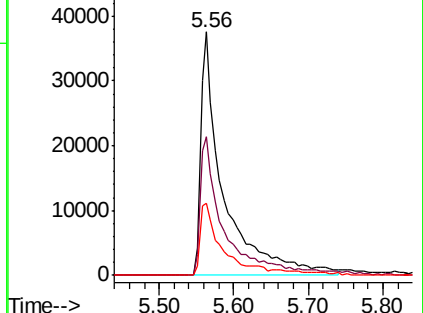
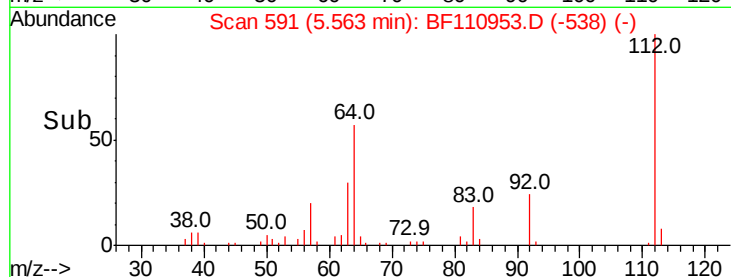
63 29.8 23.7 35.5



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: 9.614 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

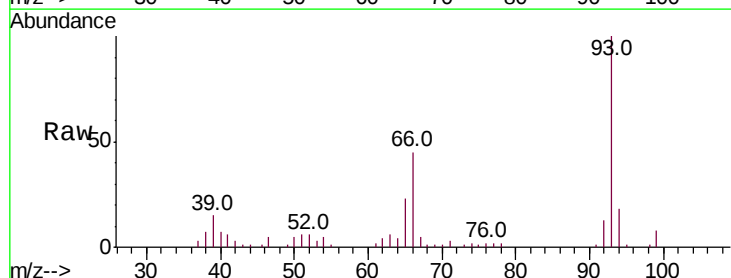
Tgt Ion: 93 Resp: 64394

Ion Ratio Lower Upper

93 100

66 45.0 67.4 101.0#

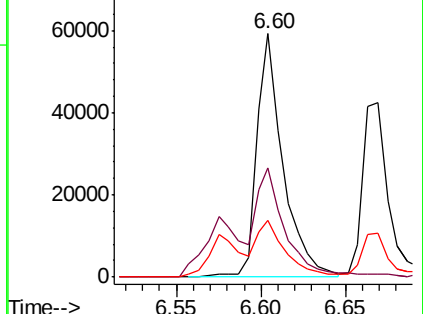
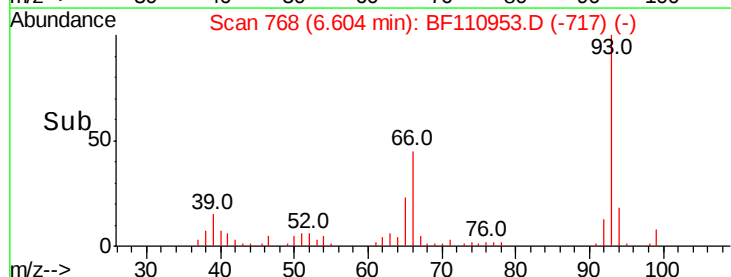
65 23.4 41.0 61.4#

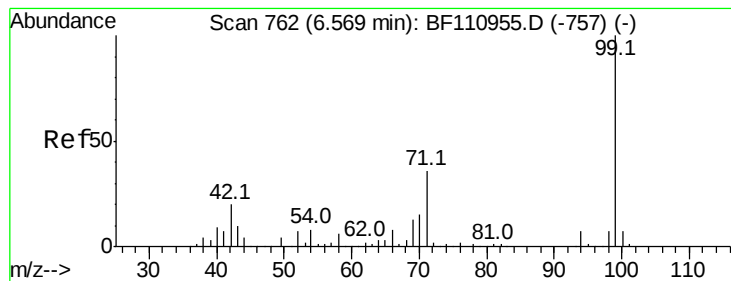


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 20.909 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

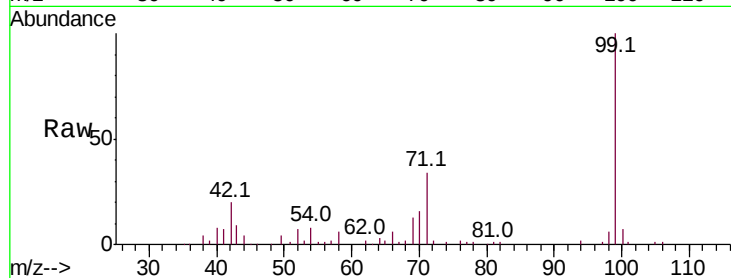
Tot Ion: 99 Resp: 107393

Ion Ratio Lower Upper

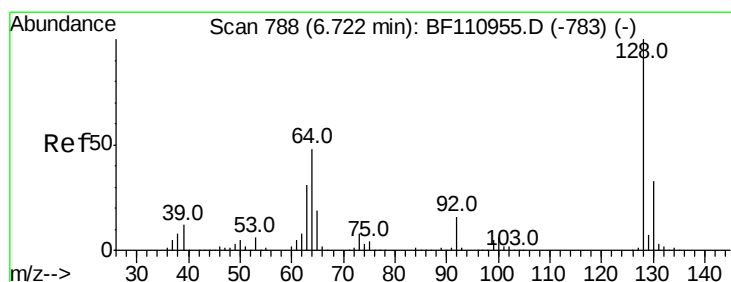
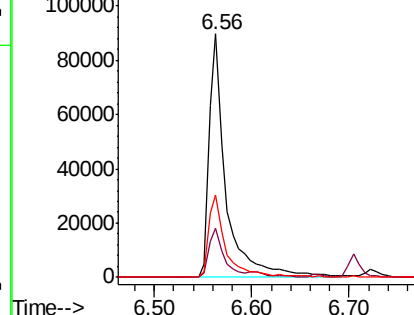
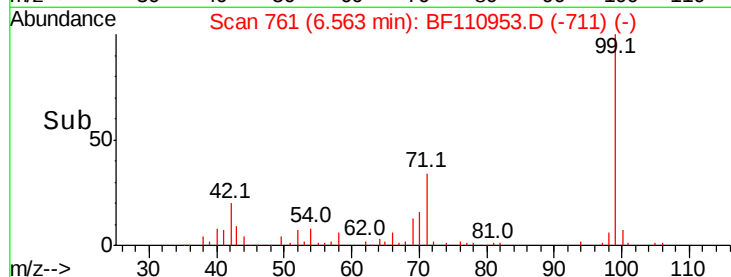
99 100

42 20.1 15.8 23.6

71 34.1 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: 10.250 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

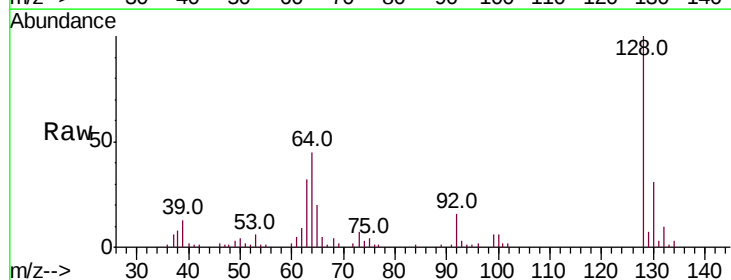
Tgt Ion: 128 Resp: 48261

Ion Ratio Lower Upper

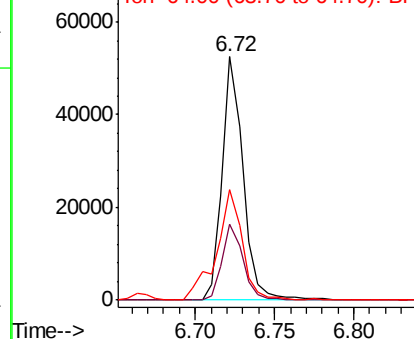
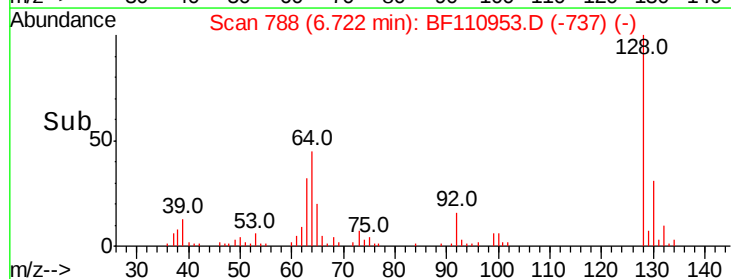
128 100

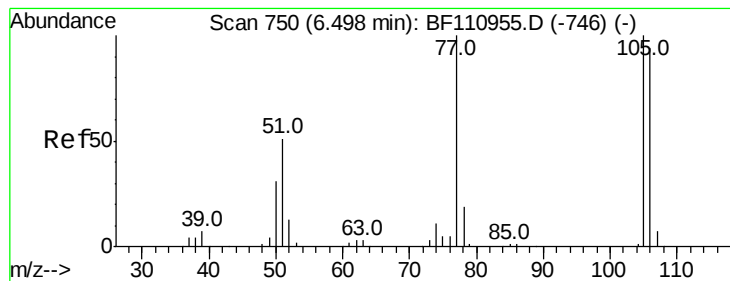
130 31.4 13.1 53.1

64 45.4 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: 12.095 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

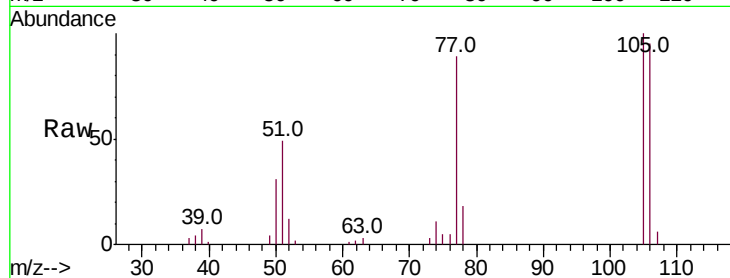
Tot Ion: 77 Resp: 35251

Ion Ratio Lower Upper

77 100

105 112.7 78.6 118.6

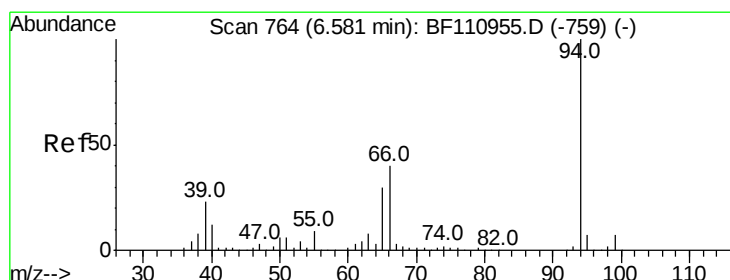
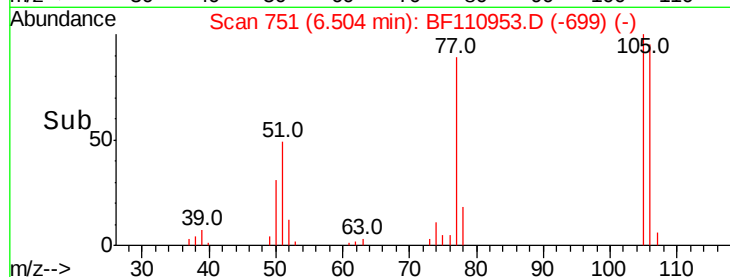
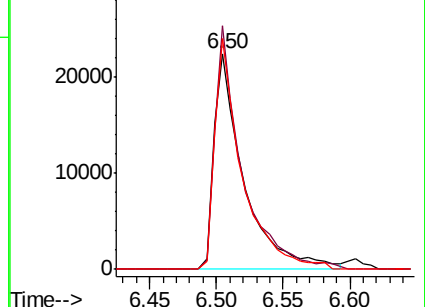
106 106.5 74.8 114.8



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: 10.021 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

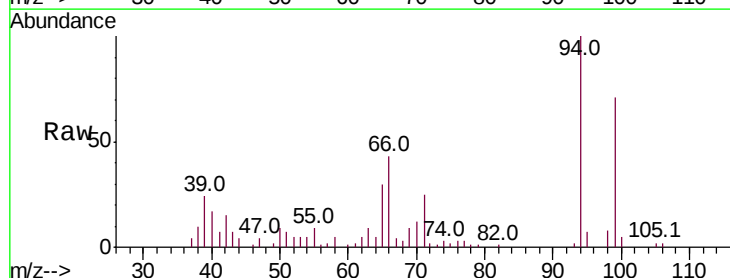
Tgt Ion: 94 Resp: 59680

Ion Ratio Lower Upper

94 100

65 30.0 25.3 65.3

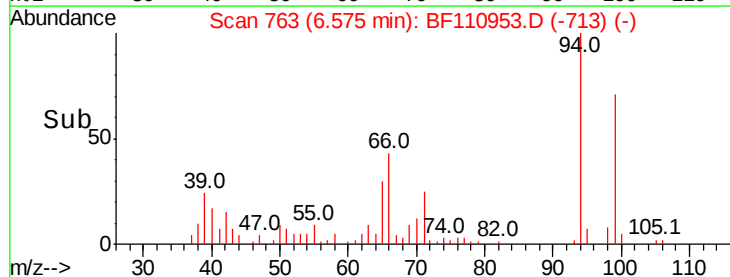
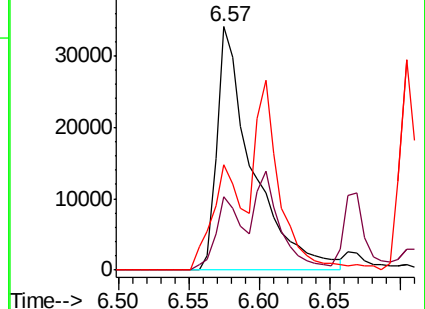
66 43.5 54.5 94.5#

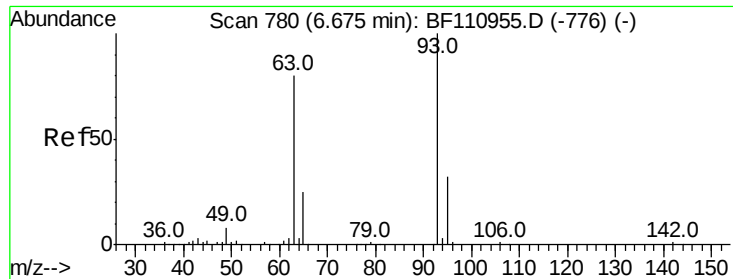


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 9.609 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

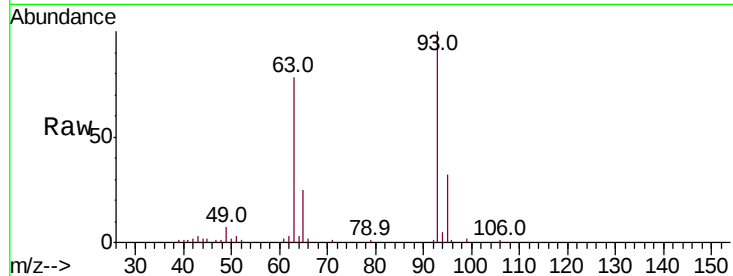
Tot Ion: 93 Resp: 42887

Ion Ratio Lower Upper

93 100

63 78.1 53.4 93.4

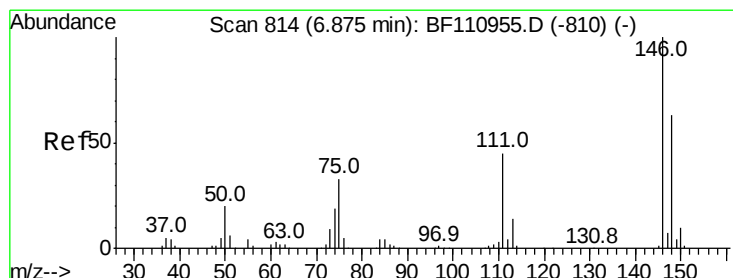
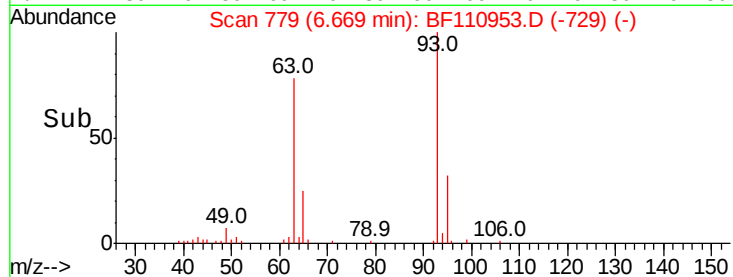
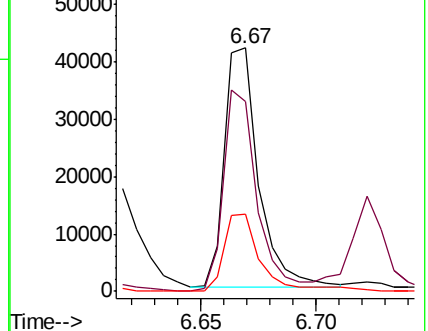
95 31.9 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 10.248 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

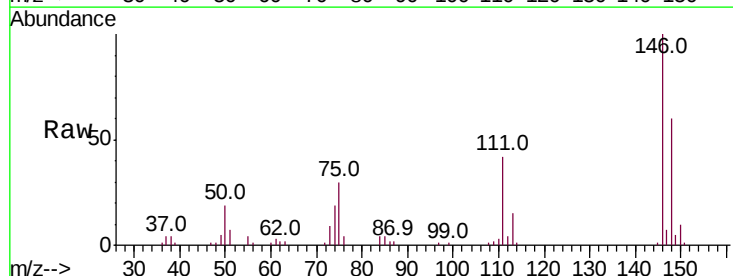
Tgt Ion: 146 Resp: 52796

Ion Ratio Lower Upper

146 100

148 59.9 50.4 75.6

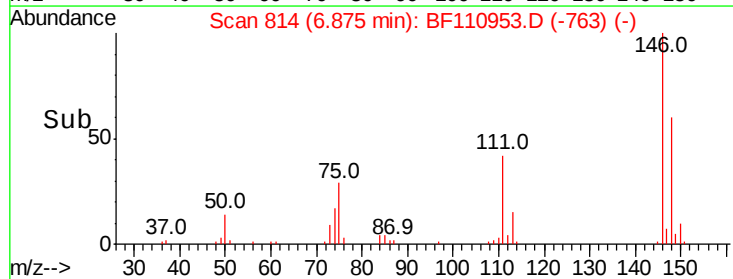
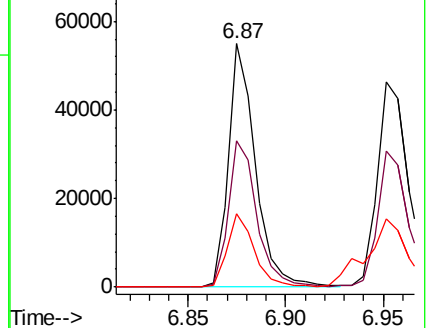
75 29.9 25.8 38.6

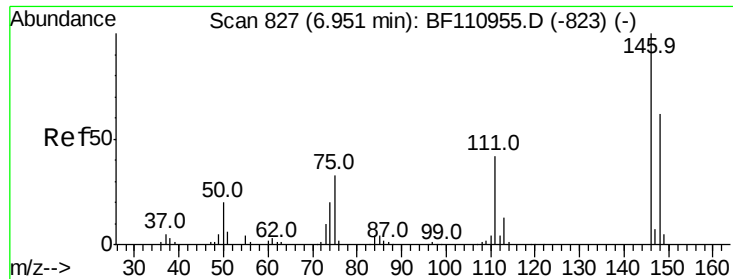


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

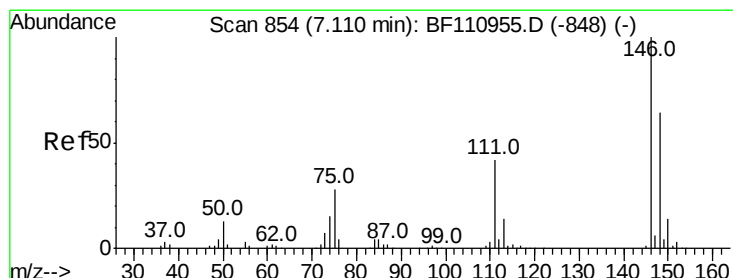
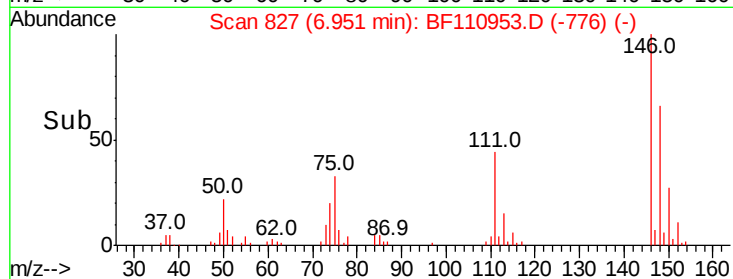
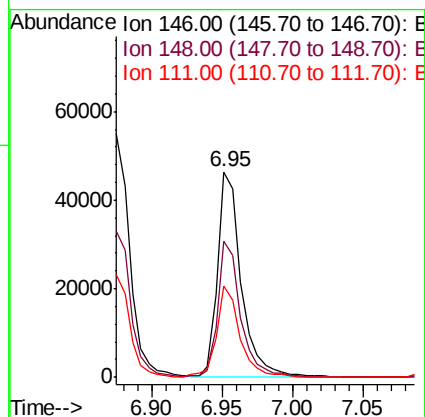
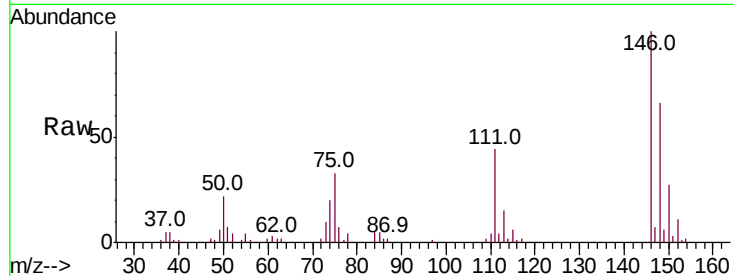




#13
 1,4-Dichlorobenzene
 Concen: 10.426 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

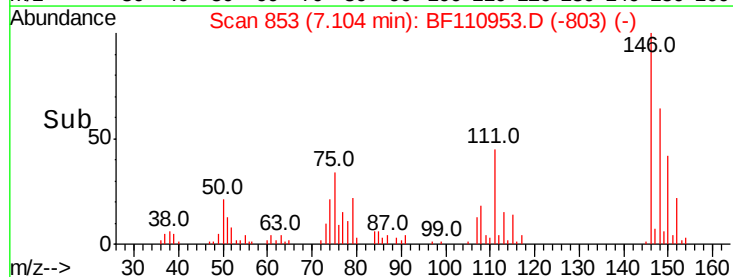
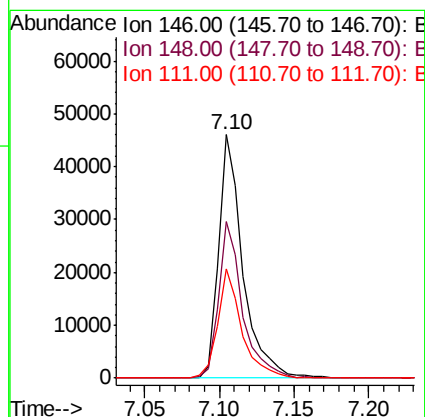
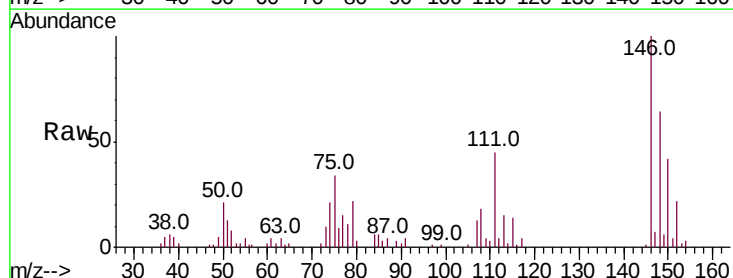
Instrument :
 BNA_F
 ClientSampleId :

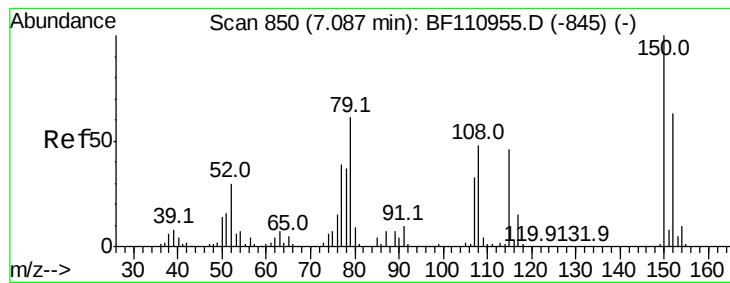
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
111	44.2	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 10.705 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	44.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 10.103 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampled :

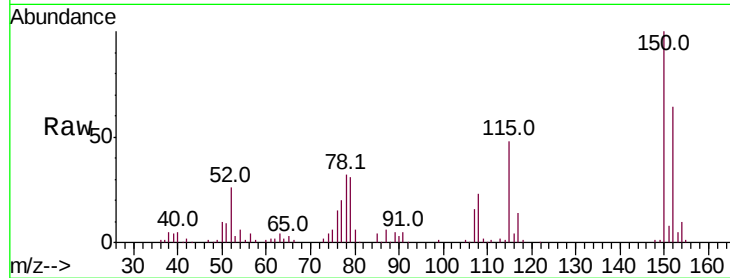
Tot Ion: 79 Resp: 40608

Ion Ratio Lower Upper

79 100

108 74.2 56.3 84.5

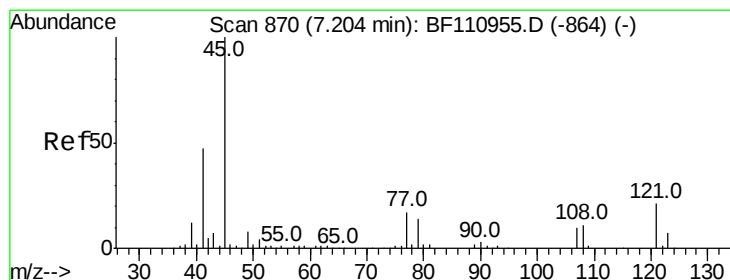
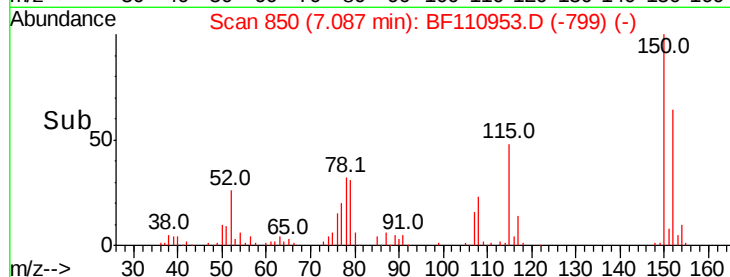
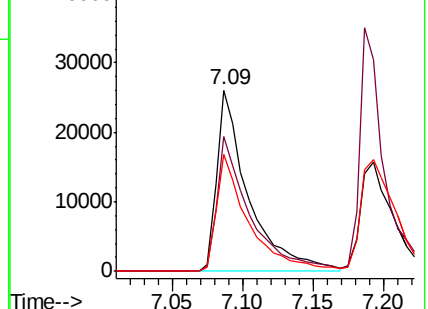
77 64.2 52.9 79.3



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: 10.500 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

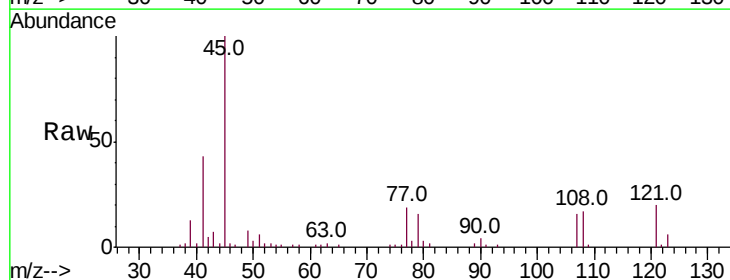
Tgt Ion: 45 Resp: 73601

Ion Ratio Lower Upper

45 100

77 18.9 10.0 50.0

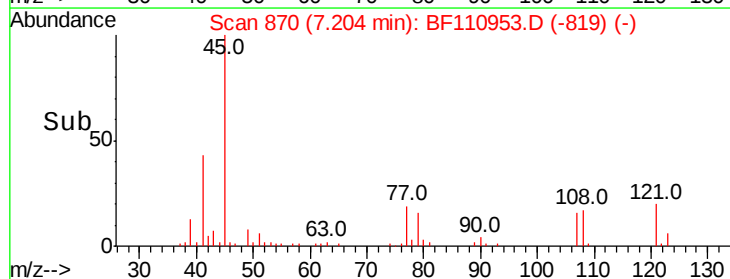
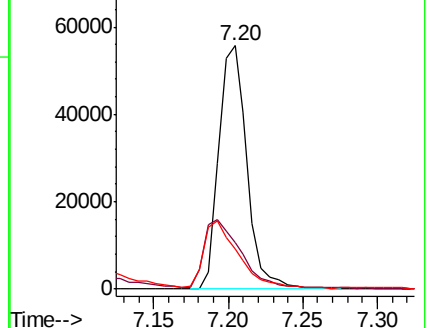
79 16.3 6.1 46.1

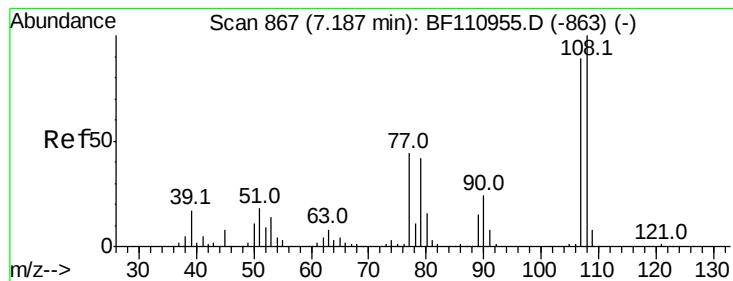


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

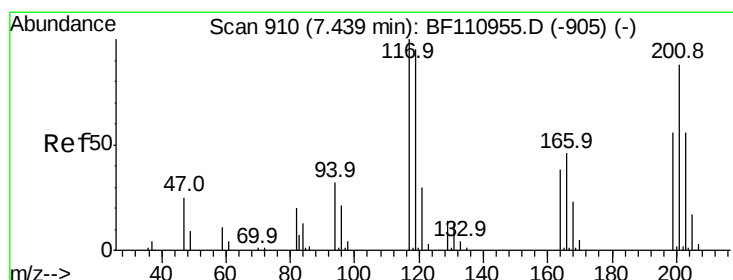
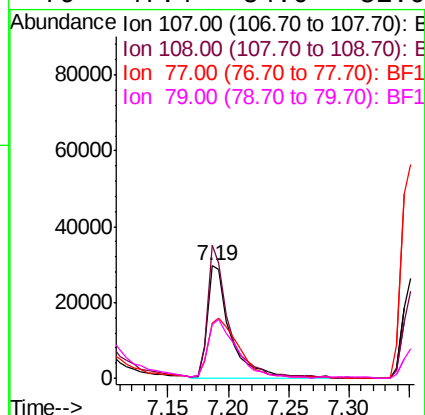
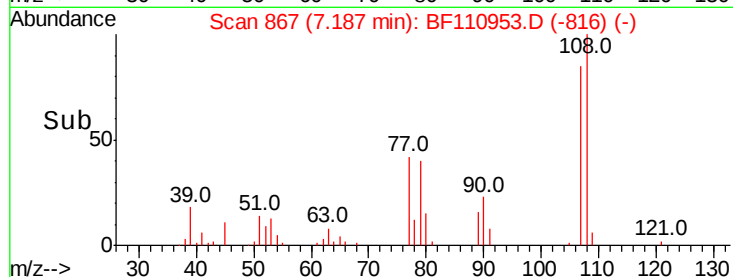
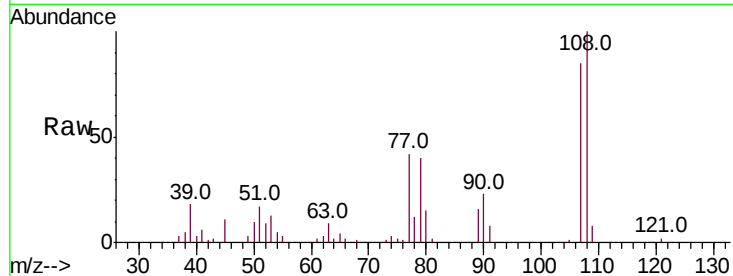




#17
2-Methylphenol
Concen: 10.421 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

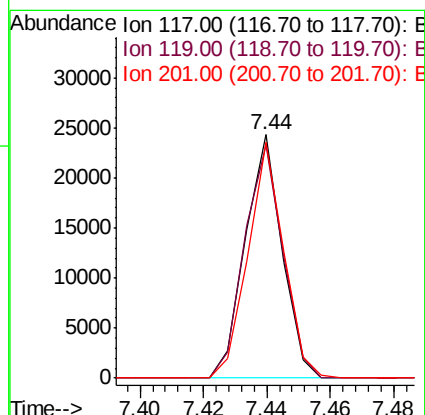
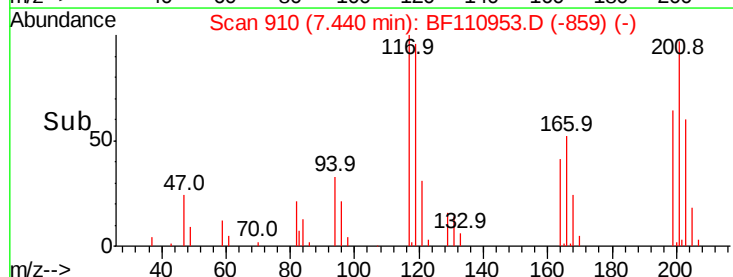
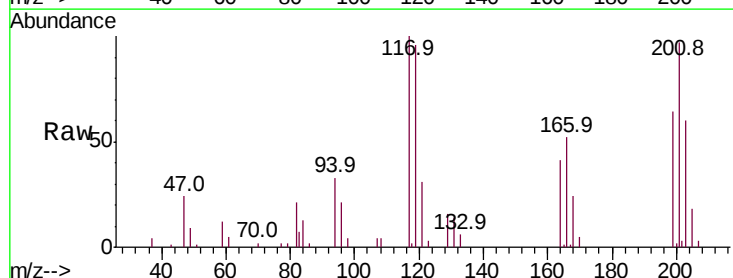
Instrument :
BNA_F
ClientSampled :

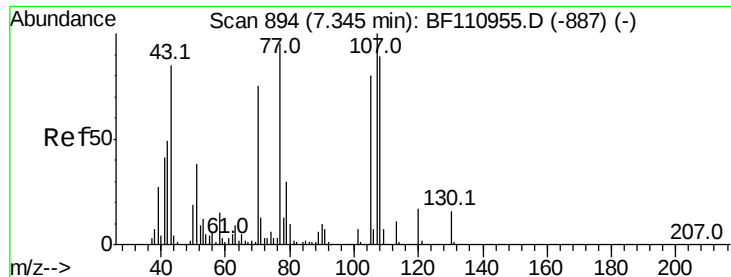
Tot Ion:107 Resp: 39050
Ion Ratio Lower Upper
107 100
108 118.3 92.6 138.8
77 49.5 59.4 89.2#
79 47.4 54.0 81.0#



#18
Hexachloroethane
Concen: 10.113 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:117 Resp: 19532
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
201 97.0 79.2 118.8

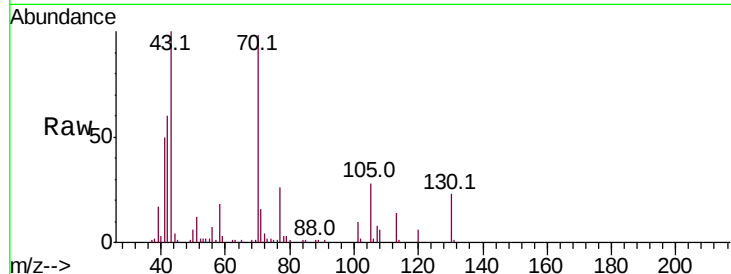




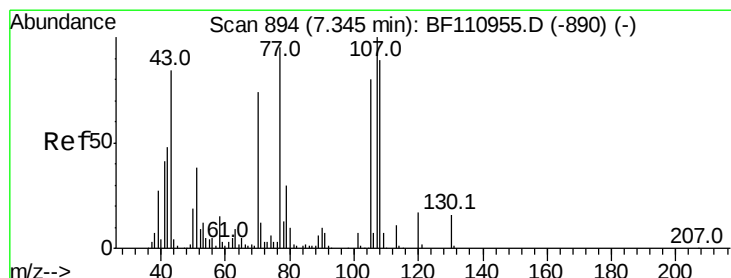
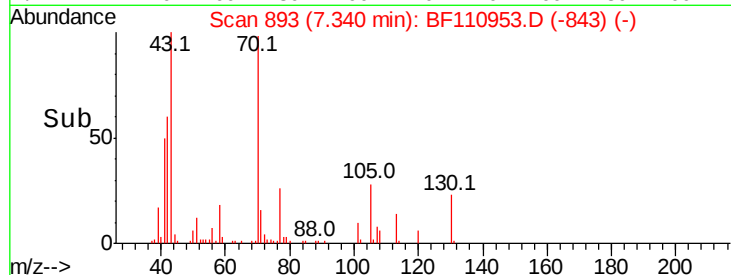
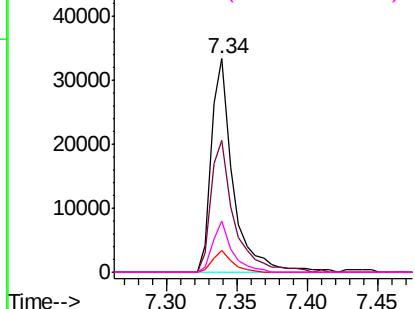
#19
n-Nitroso-di-n-propylamine
Concen: 10.905 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 35752
Ion Ratio Lower Upper
70 100
42 61.5 47.4 71.2
101 10.0 7.3 10.9
130 24.0 16.2 24.2

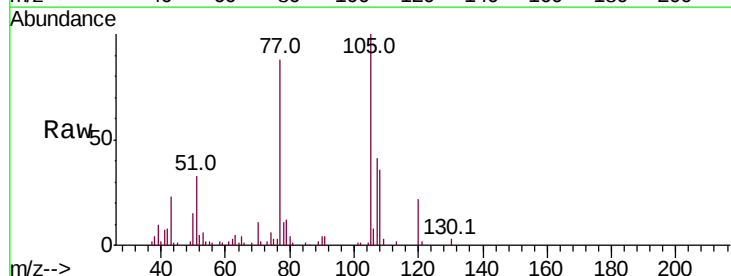


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

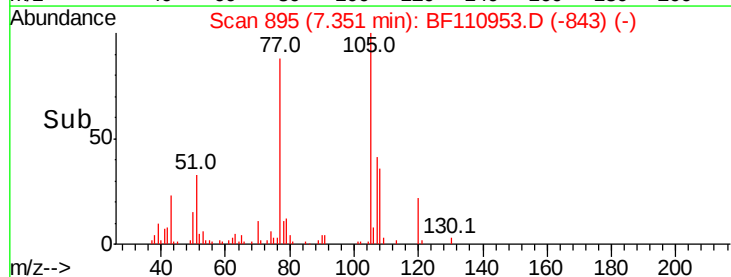
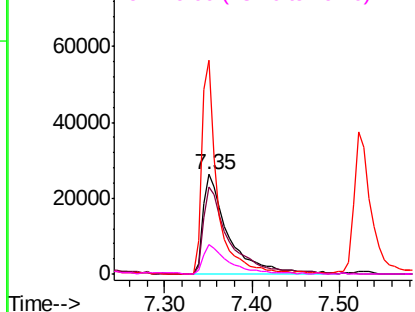


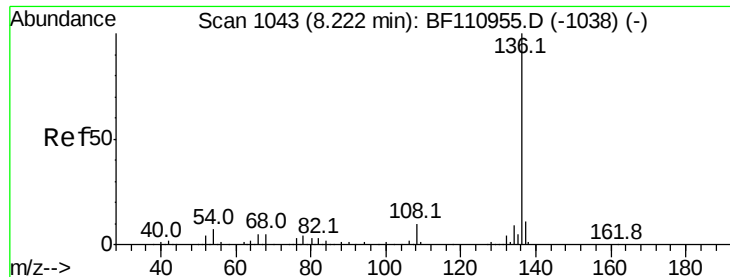
#20
3+4-Methylphenols
Concen: 10.942 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:107 Resp: 52637
Ion Ratio Lower Upper
107 100
108 86.8 71.4 111.4
77 214.1 47.3 87.3#
79 30.1 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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 287498

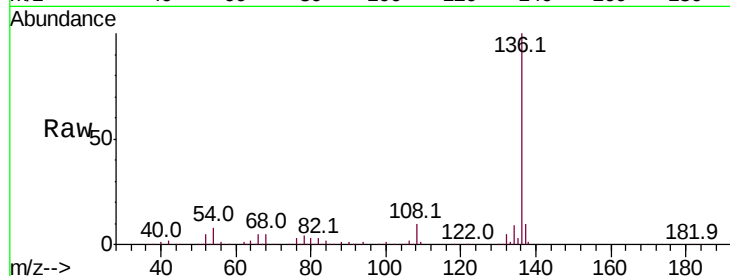
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.3 5.4 8.2#

68 5.4 4.2 6.2

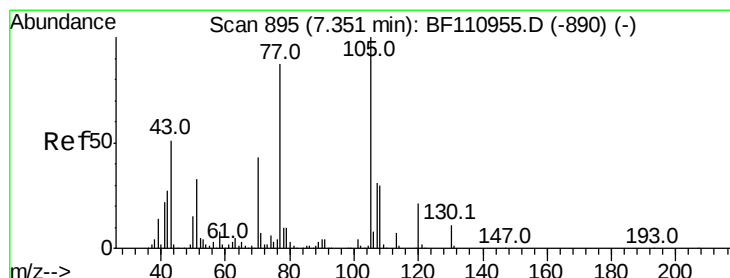
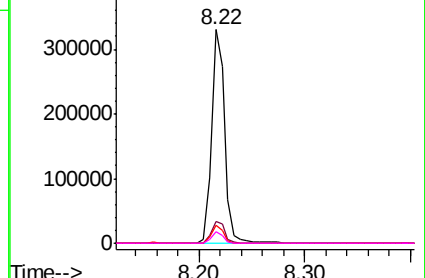
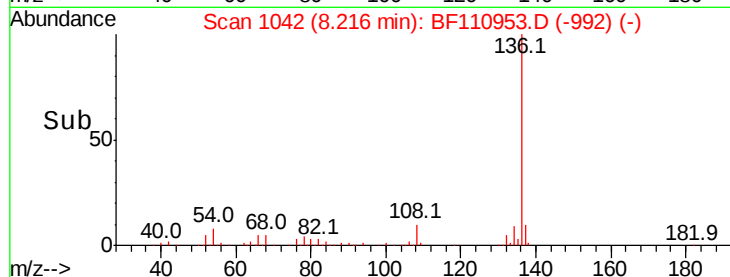


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.492 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Tgt Ion:105 Resp: 70297

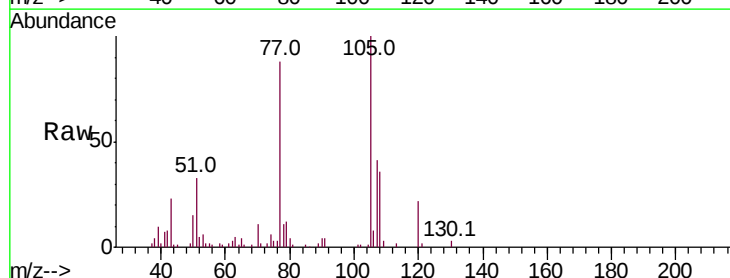
Ion Ratio Lower Upper

105 100

71 2.1 5.2 7.8#

51 32.6 21.8 32.8

120 22.4 17.0 25.4

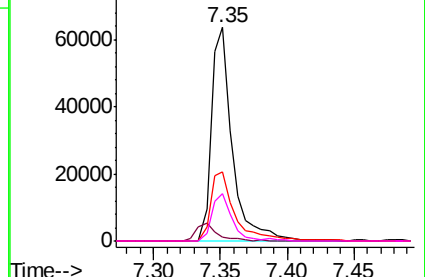
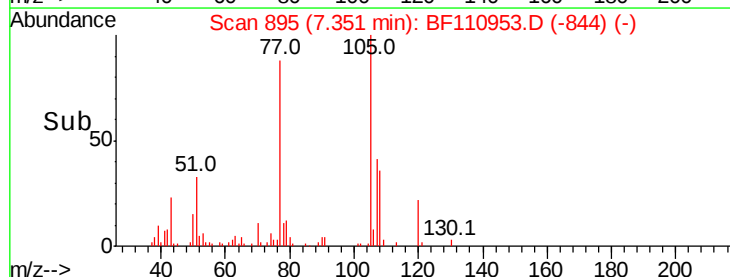


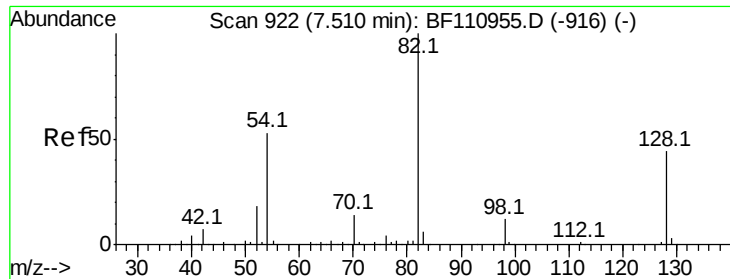
Abundance Ion 105.00 (104.70 to 105.70): E

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

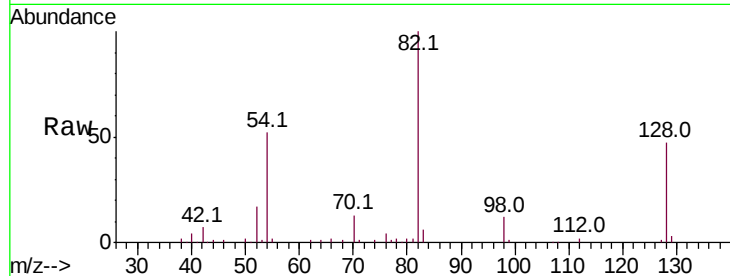




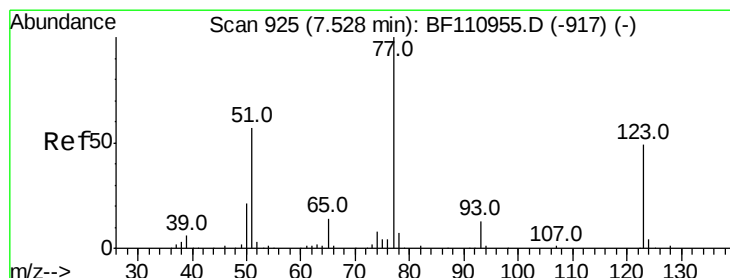
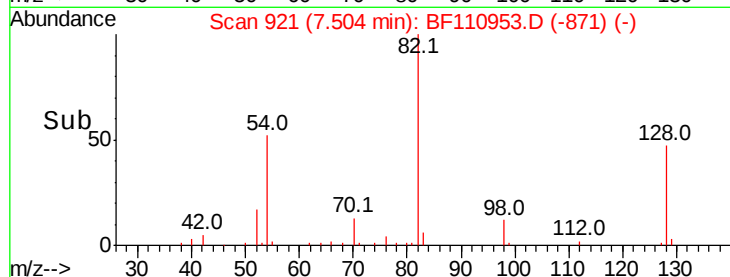
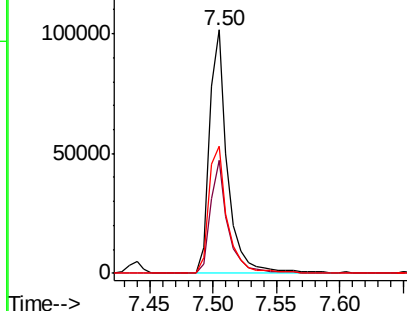
#23
Nitrobenzene-d5
Concen: 20.378 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	101729
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.2	51.2
54	52.3	38.6	58.0

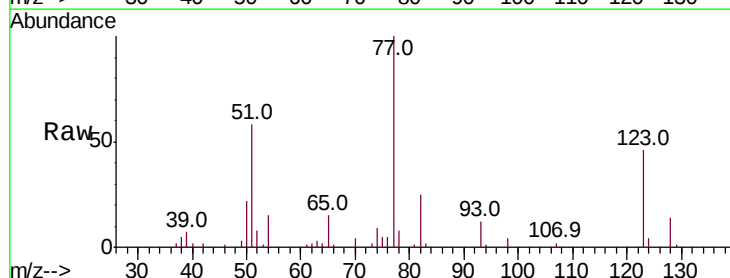


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

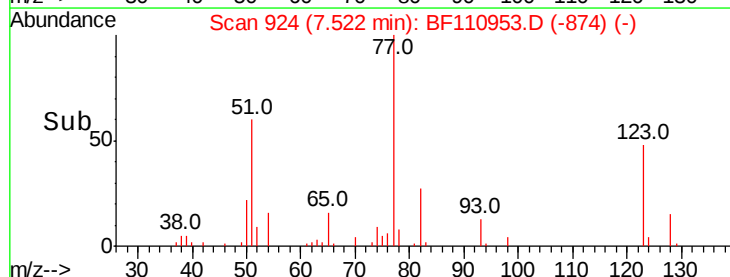
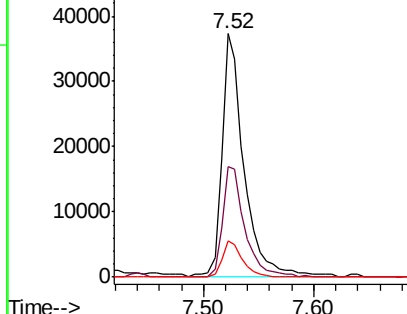


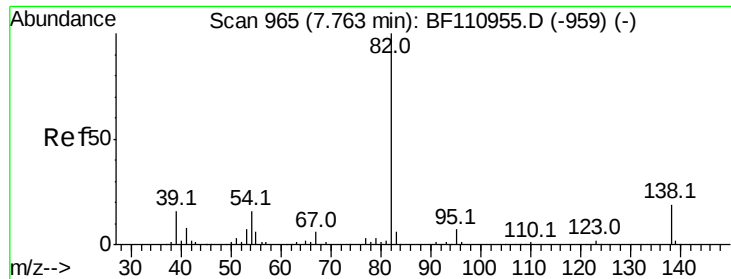
#24
Nitrobenzene
Concen: 10.209 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion	77	Resp	52216
Ion Ratio	Lower	Upper	
77	100		
123	45.6	35.7	53.5
65	14.8	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: 10.267 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

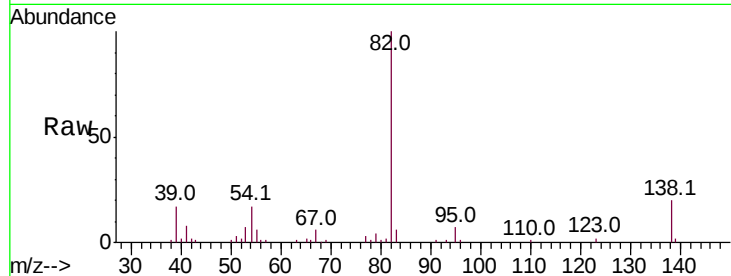
Tot Ion: 82 Resp: 84009

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

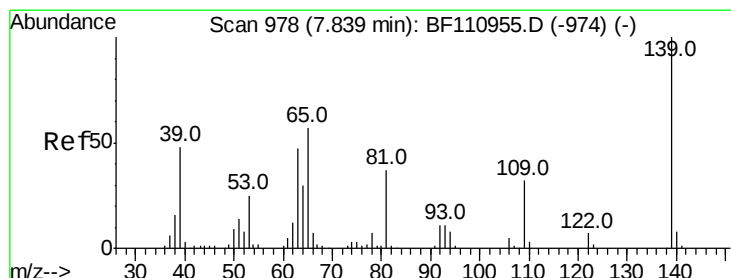
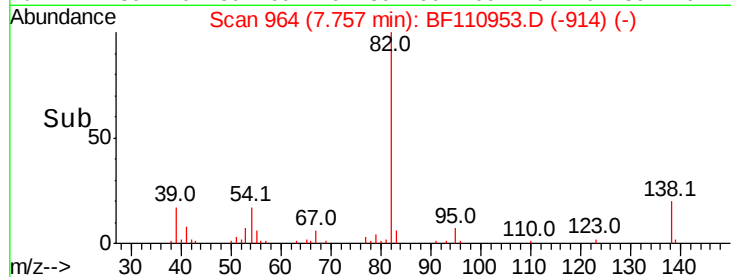
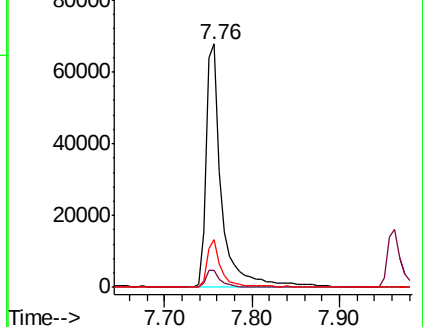
138 19.6 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 9.644 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

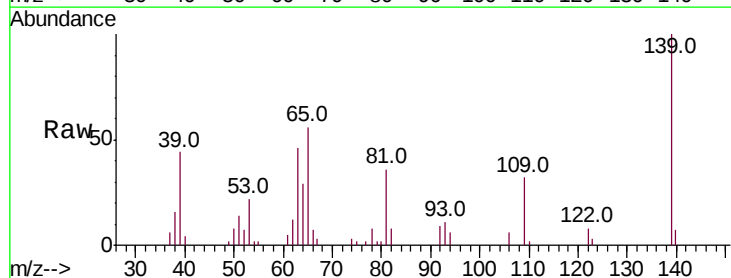
Tgt Ion:139 Resp: 24608

Ion Ratio Lower Upper

139 100

109 32.1 25.0 37.6

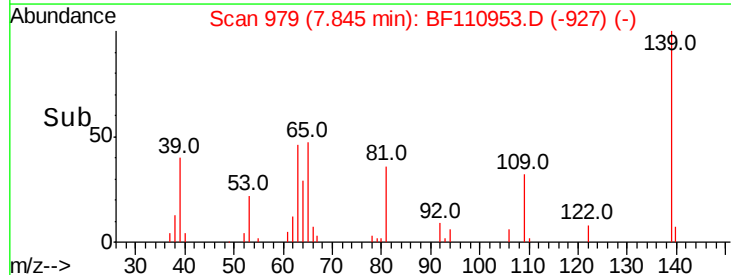
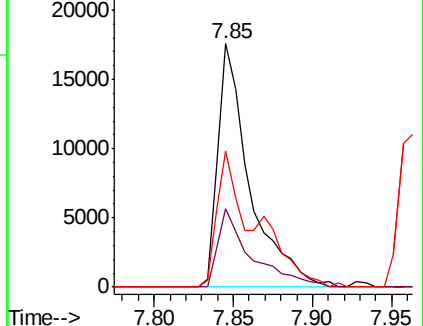
65 55.7 44.0 66.0

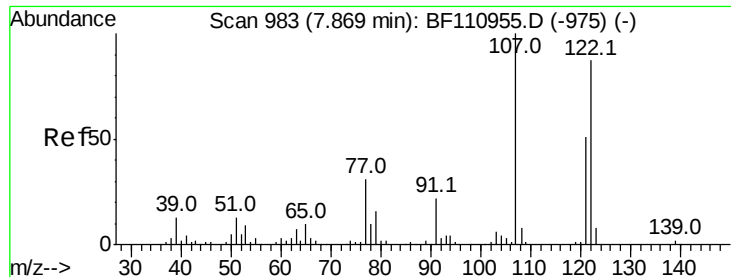


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 9.923 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampled :

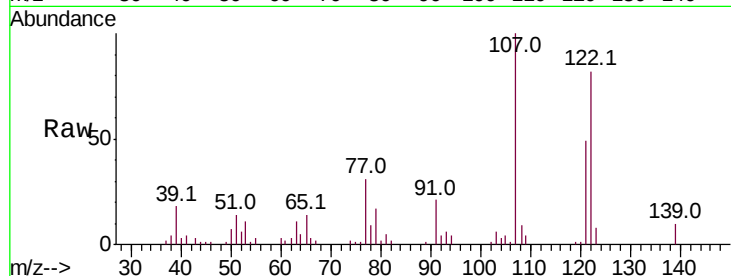
Tot Ion:122 Resp: 38560

Ion Ratio Lower Upper

122 100

107 121.5 92.5 138.7

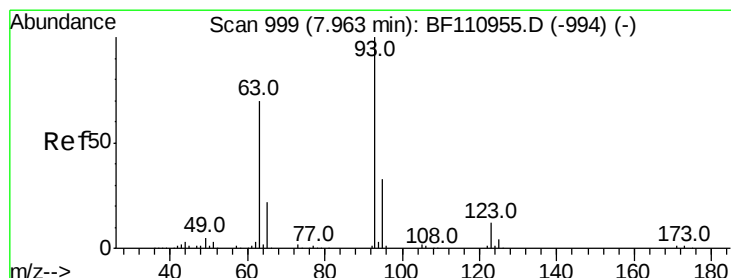
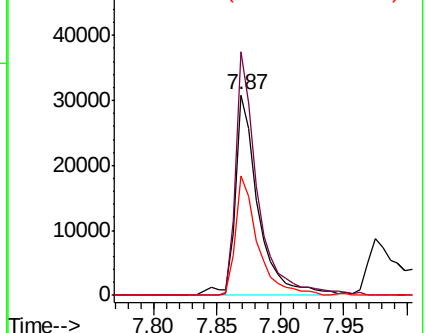
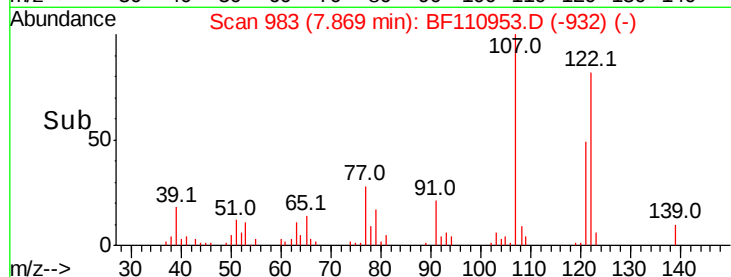
121 59.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.165 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

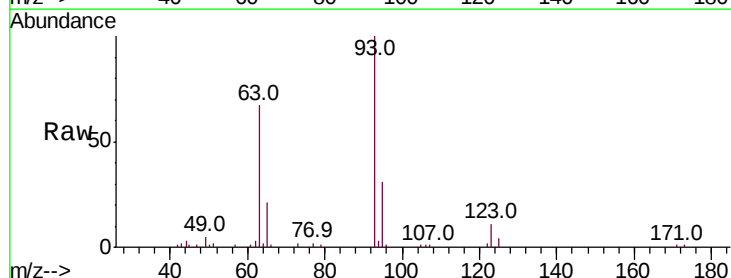
Tgt Ion: 93 Resp: 56312

Ion Ratio Lower Upper

93 100

95 31.0 26.4 39.6

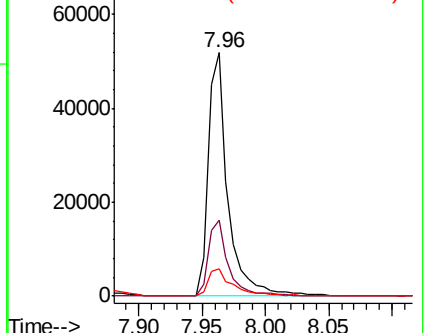
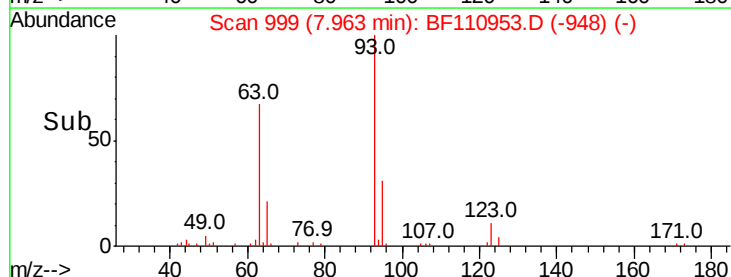
123 11.5 9.0 13.6

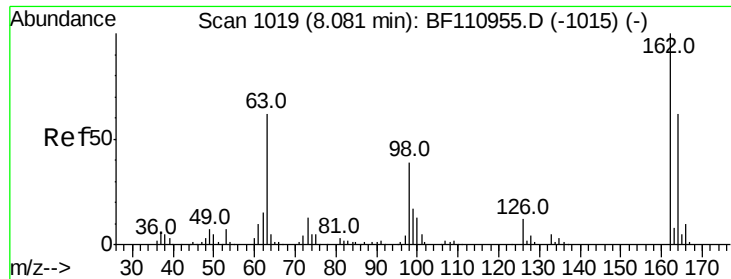


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

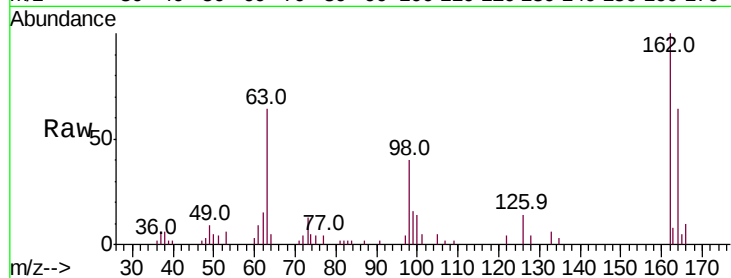




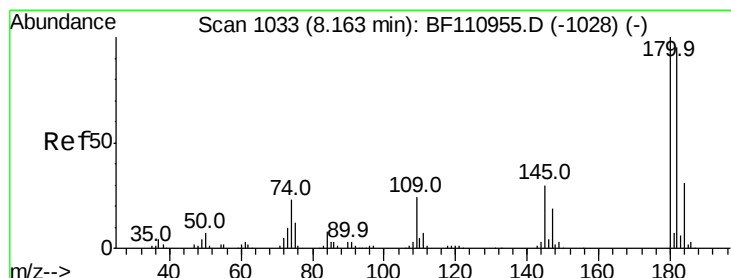
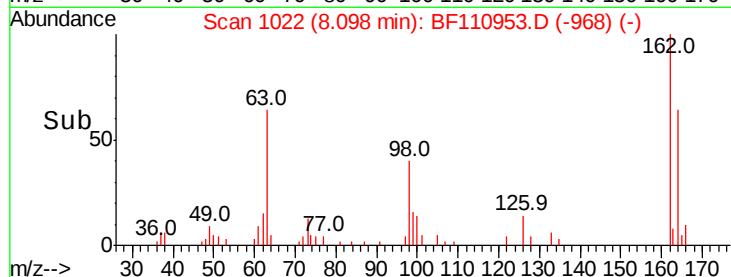
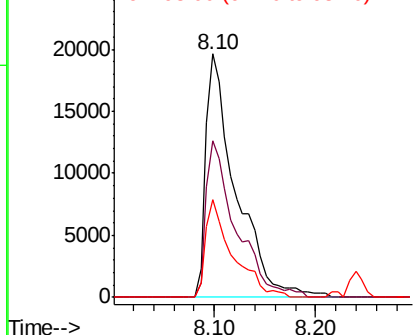
#29
2,4-Dichlorophenol
Concen: 10.070 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 40265
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 40.3 17.4 57.4

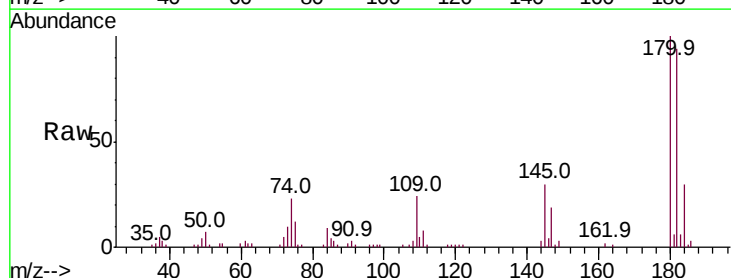


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

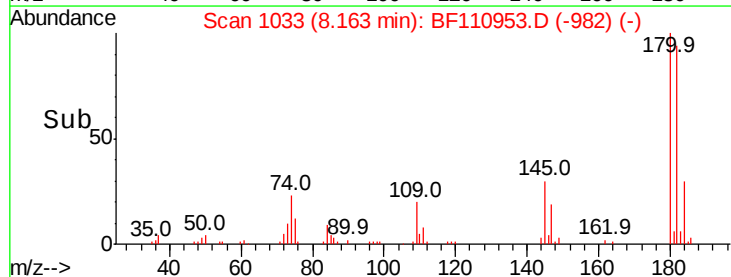
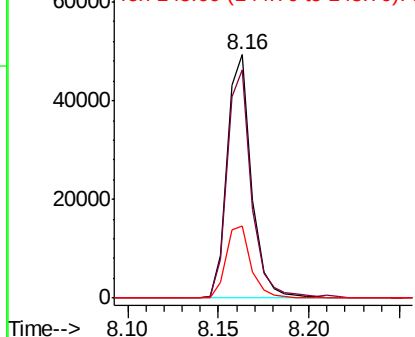


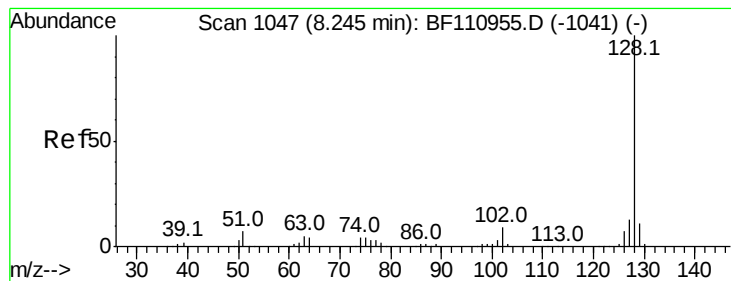
#30
1,2,4-Trichlorobenzene
Concen: 10.241 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:180 Resp: 46169
Ion Ratio Lower Upper
180 100
182 93.9 80.3 120.5
145 29.5 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.390 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

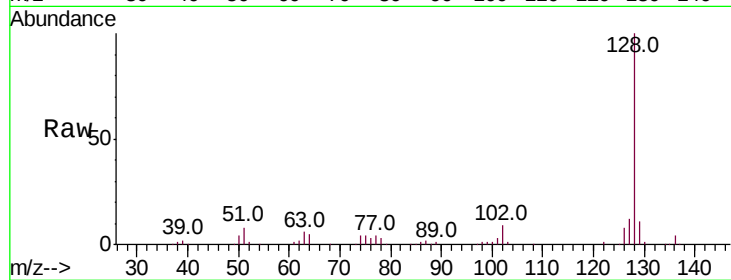
Tot Ion:128 Resp: 140224

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

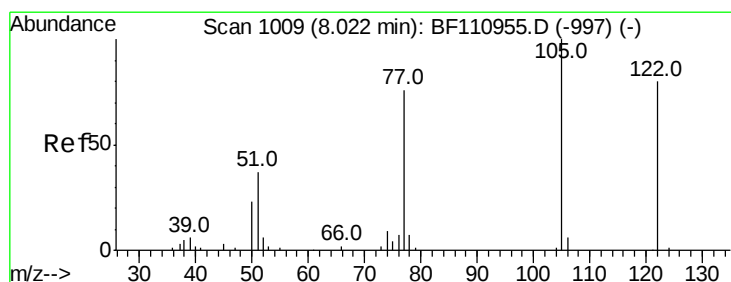
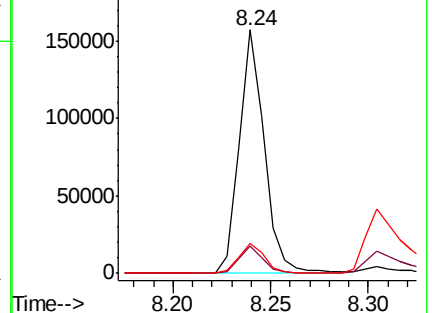
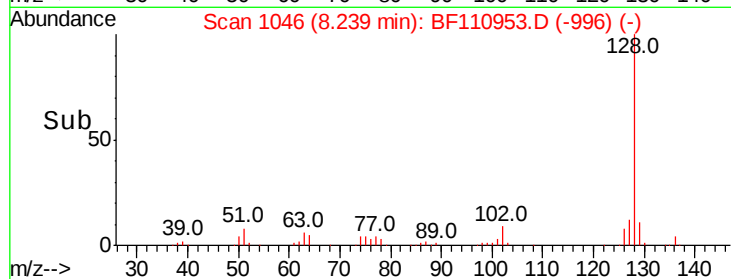
127 12.4 10.8 16.2



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: 7.250 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.05 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

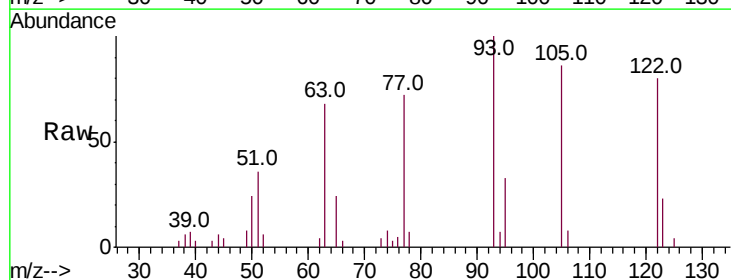
Tgt Ion:122 Resp: 19934

Ion Ratio Lower Upper

122 100

105 108.0 109.0 149.0#

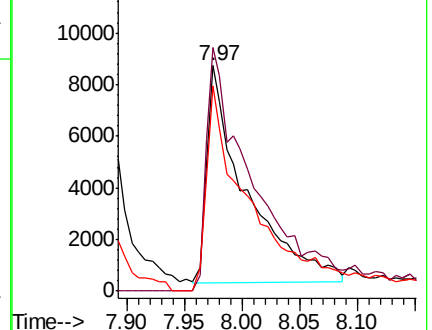
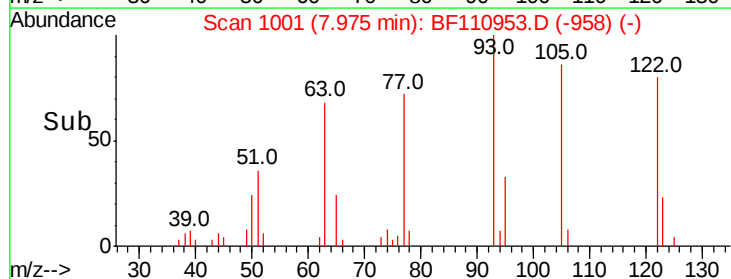
77 90.8 79.0 119.0

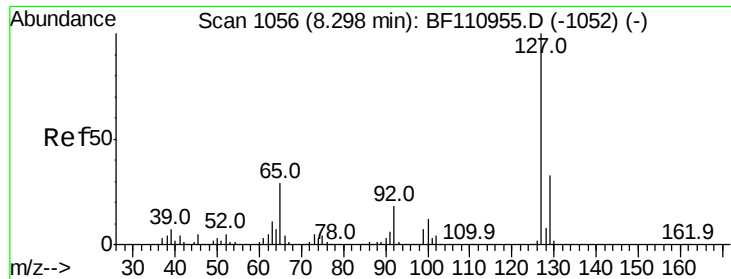


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

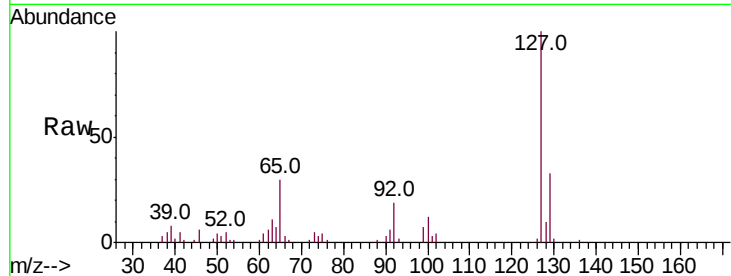




#33
4-Chloroaniline
Concen: 9.876 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	60374
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	30.5	25.1	37.7
92	19.5	15.0	22.6



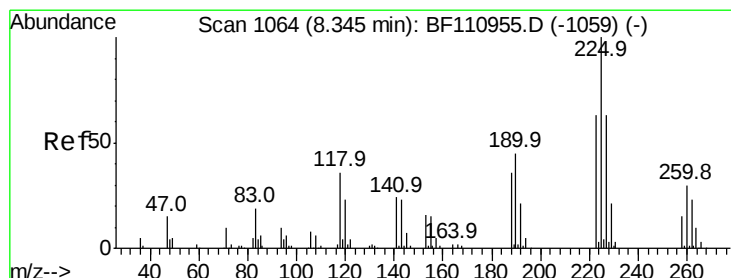
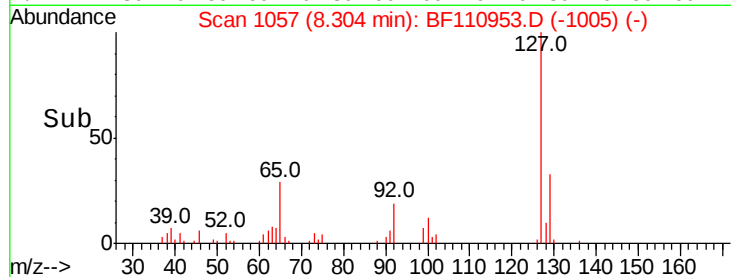
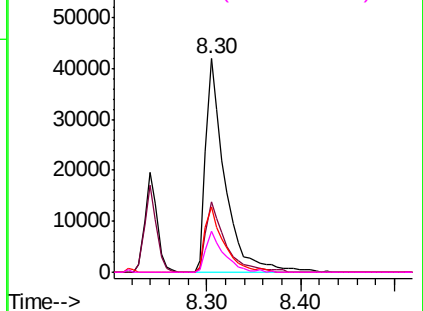
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

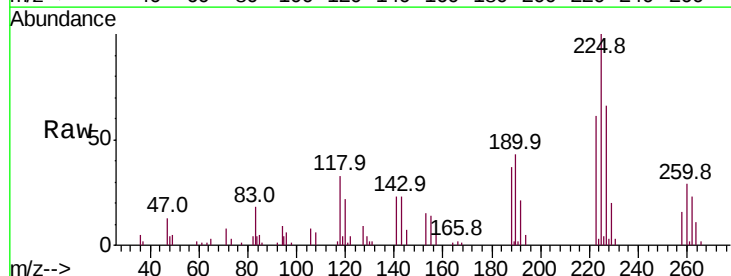
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 10.329 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:	225	Resp:	26599
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.4	77.2
227	66.0	51.0	76.6

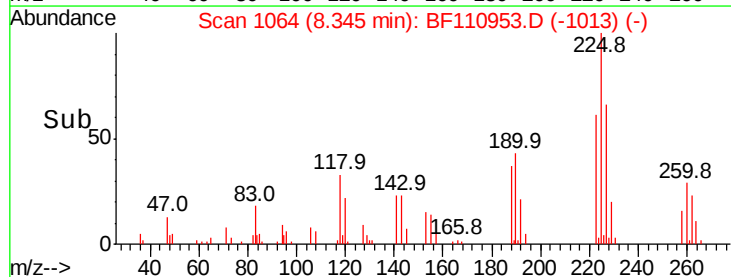
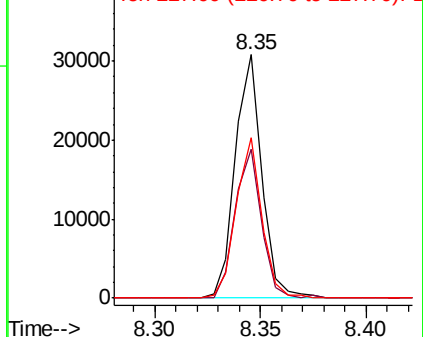


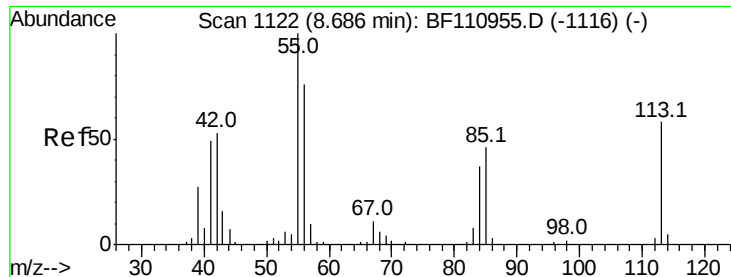
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

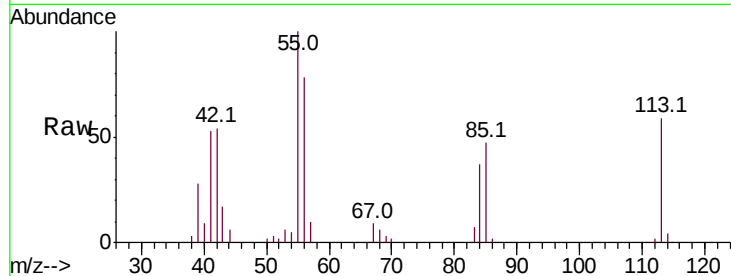




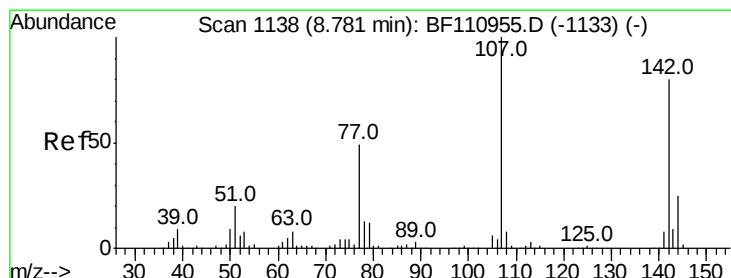
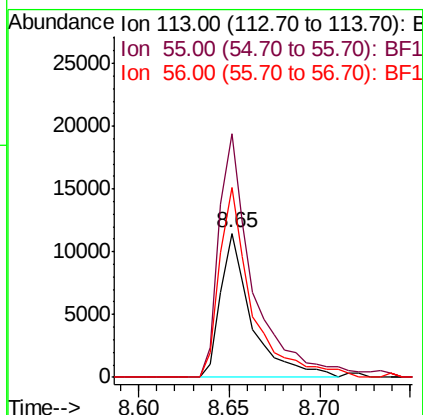
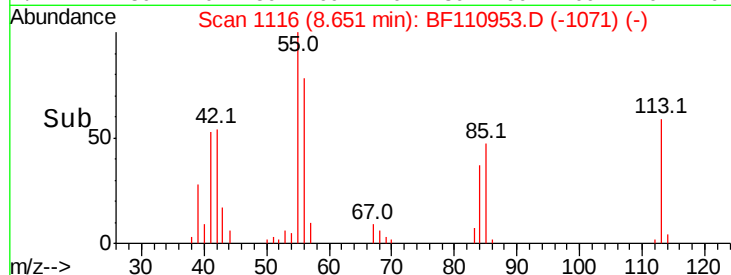
#35
Caprolactam
Concen: 10.266 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 13715
Ion Ratio Lower Upper
113 100
55 169.1 142.8 182.8
56 131.6 105.0 145.0

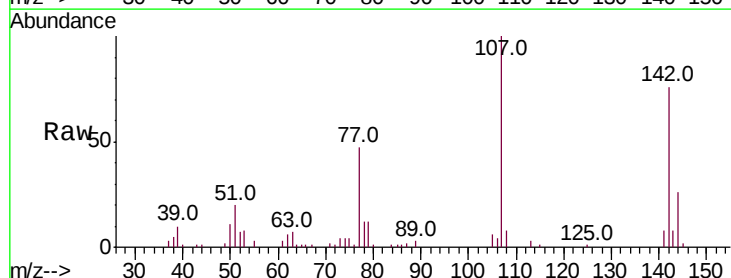


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

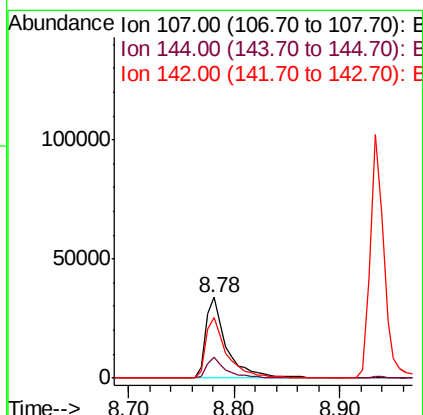
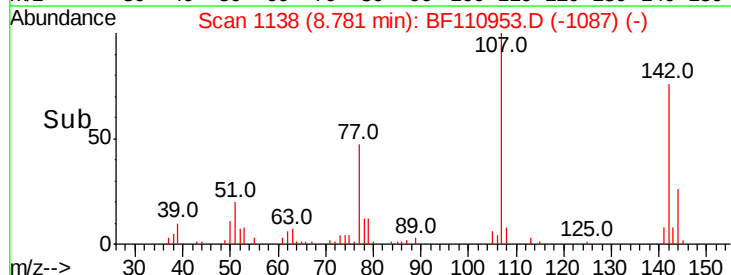


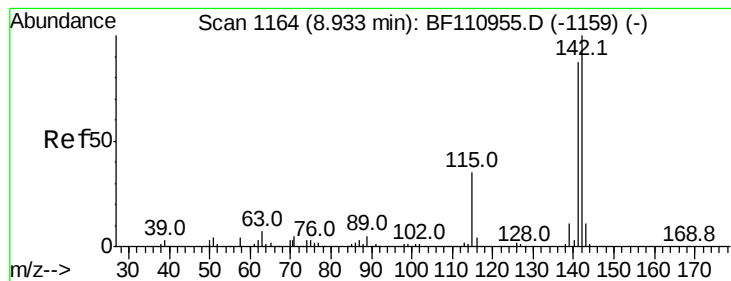
#36
4-Chloro-3-methylphenol
Concen: 10.798 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:107 Resp: 46566
Ion Ratio Lower Upper
107 100
144 26.0 20.0 30.0
142 75.8 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

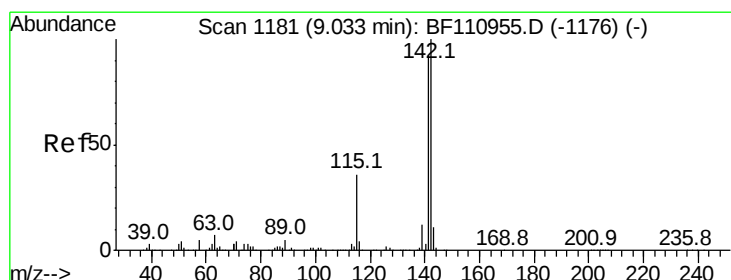
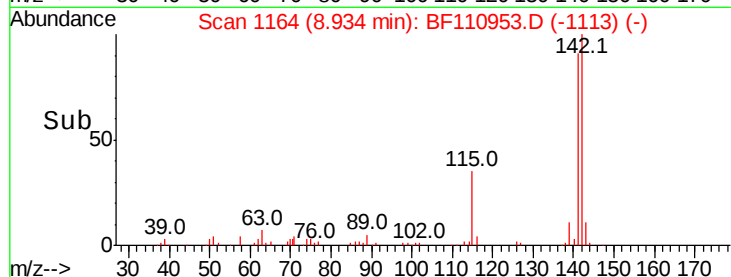
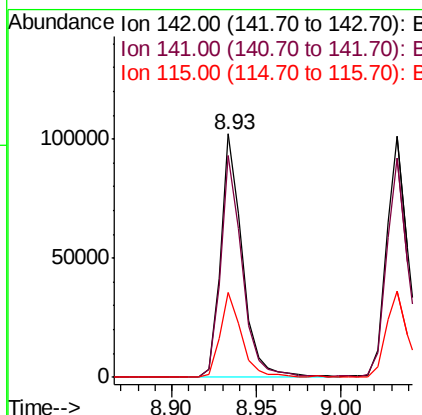
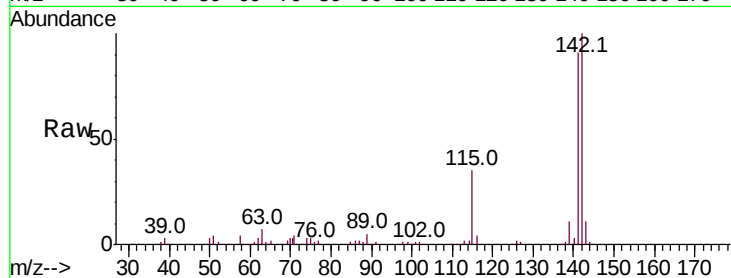




#37
2-Methylnaphthalene
Concen: 10.365 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

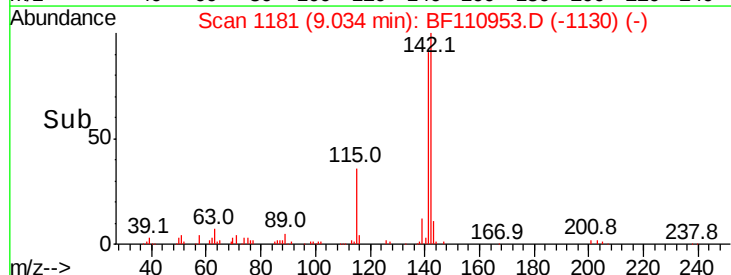
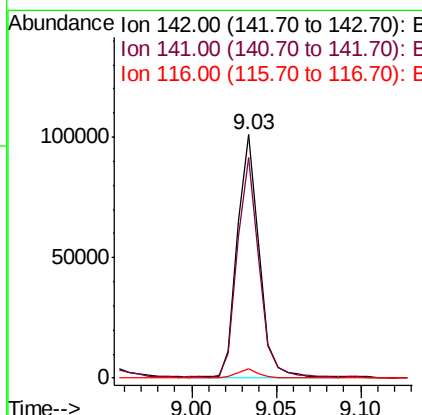
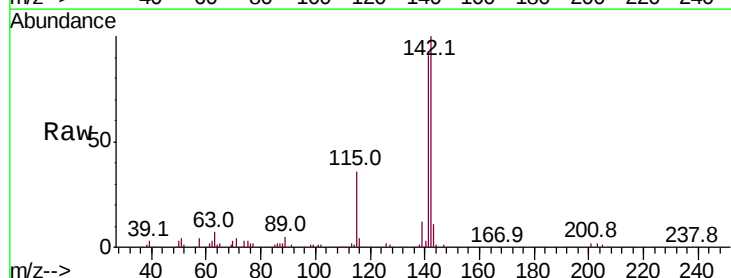
Instrument :
BNA_F
ClientSampleId :

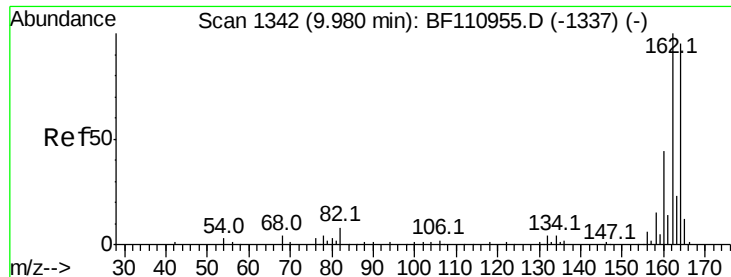
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.4	107.2
115	34.8	28.7	43.1



#38
1-Methylnaphthalene
Concen: 10.495 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

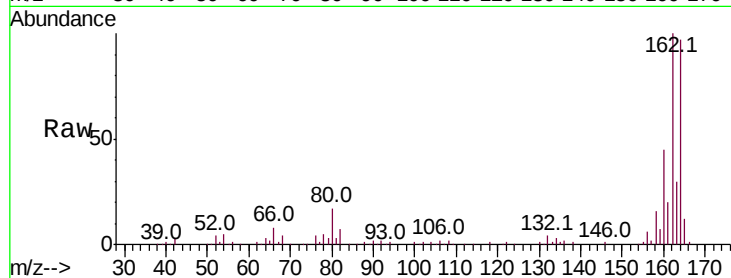
Tot Ion:164 Resp: 142396

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

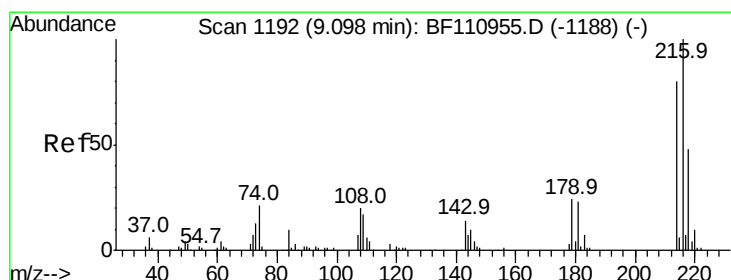
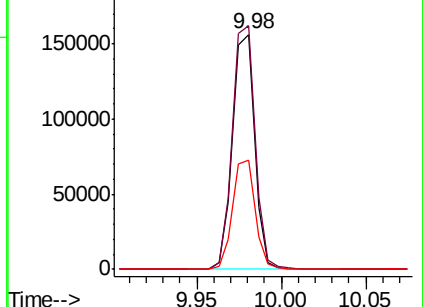
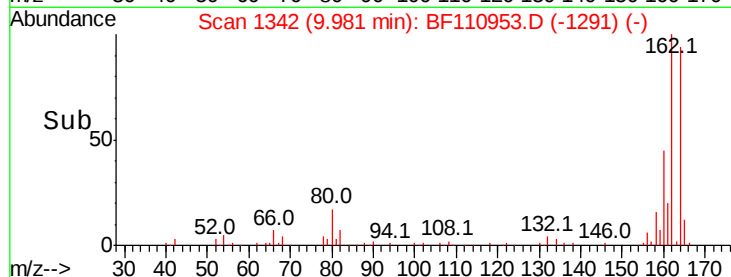
160 46.2 37.0 55.6



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: 10.324 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Tgt Ion:216 Resp: 46535

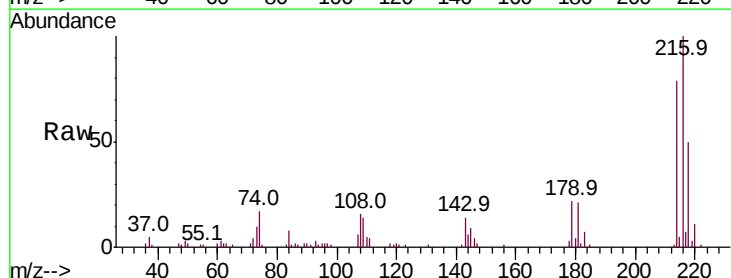
Ion Ratio Lower Upper

216 100

214 78.0 63.8 95.6

179 21.9 16.6 25.0

108 17.5 15.1 22.7

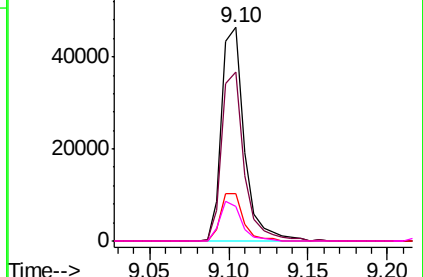
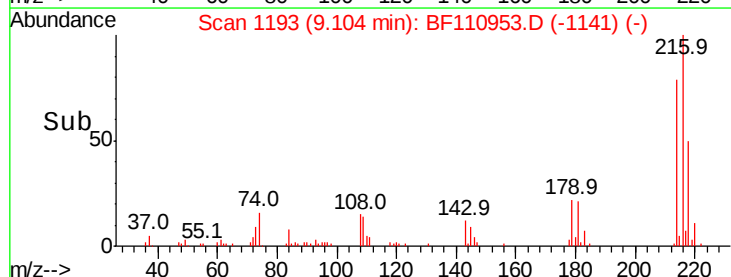


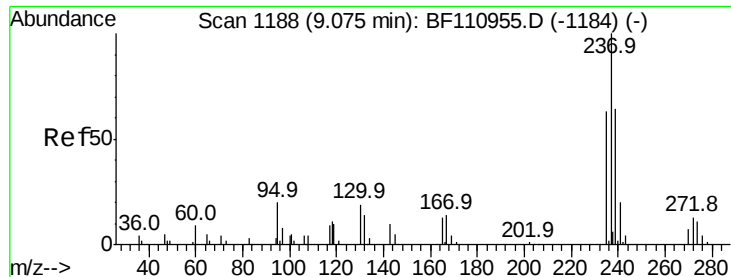
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.250 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

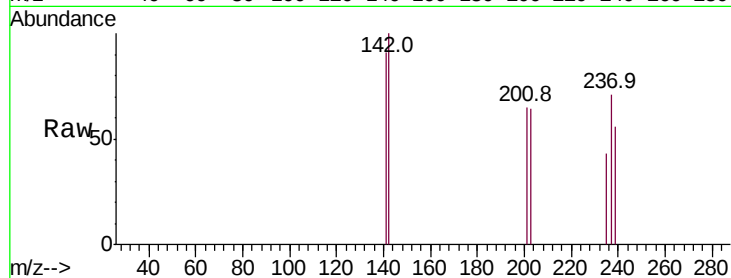
Tot Ion:237 Resp: 361

Ion Ratio Lower Upper

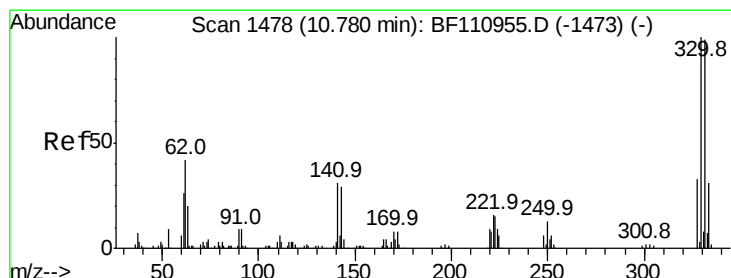
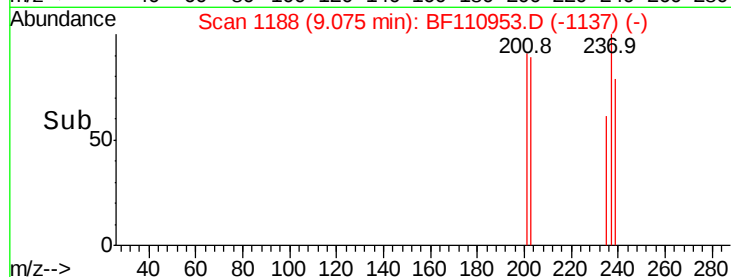
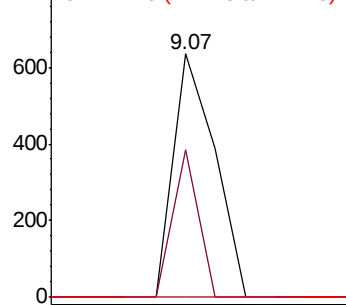
237 100

235 60.8 43.1 83.1

272 0.0 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: 20.344 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

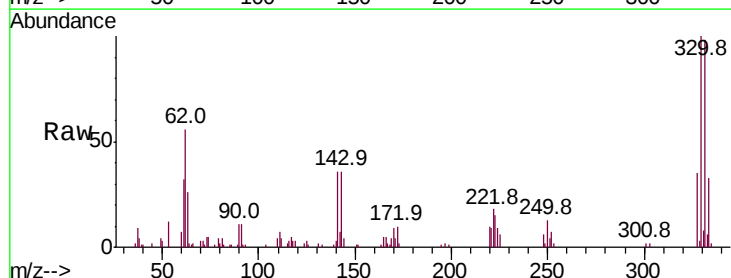
Tgt Ion:330 Resp: 29190

Ion Ratio Lower Upper

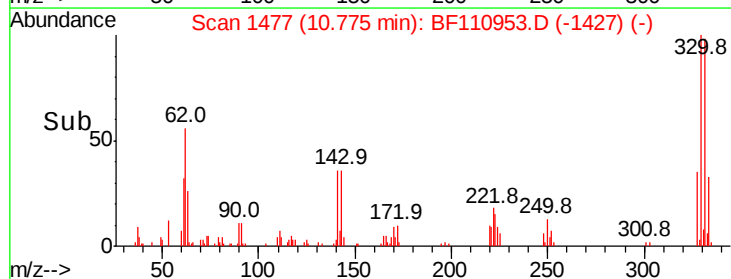
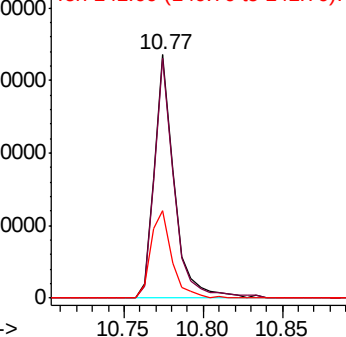
330 100

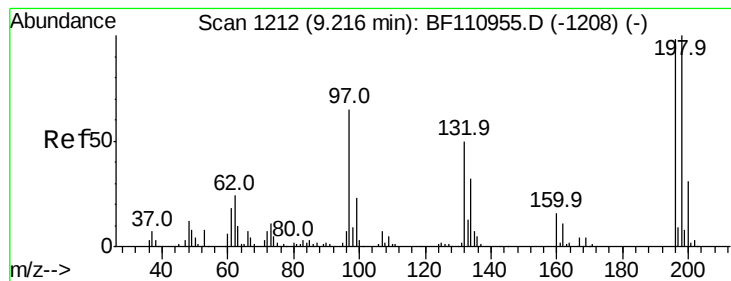
332 97.4 77.1 115.7

141 38.3 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: 9.572 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampled :

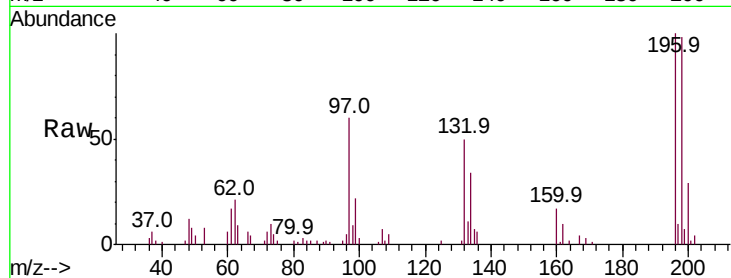
Tot Ion:196 Resp: 27112

Ion Ratio Lower Upper

196 100

198 97.9 76.2 114.4

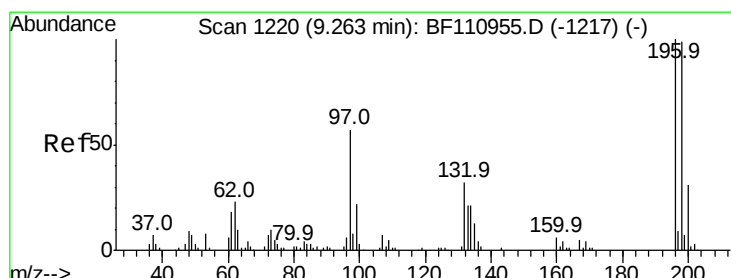
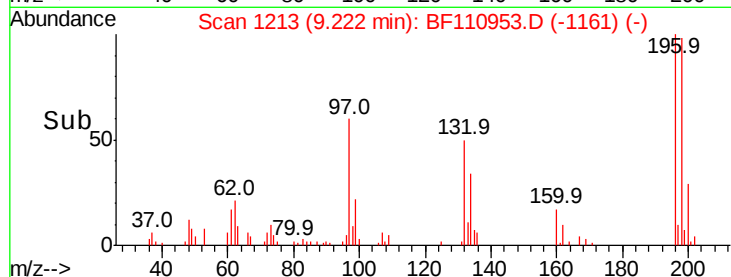
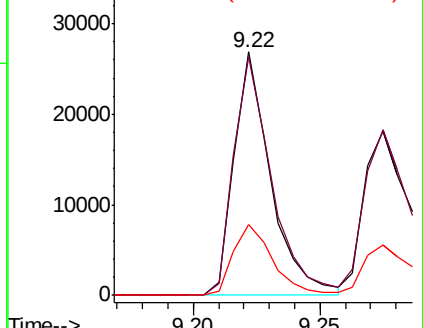
200 29.1 24.4 36.6



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: 9.825 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Tgt Ion:196 Resp: 29686

Ion Ratio Lower Upper

196 100

198 100.5 75.8 113.6

97 53.4 42.4 63.6

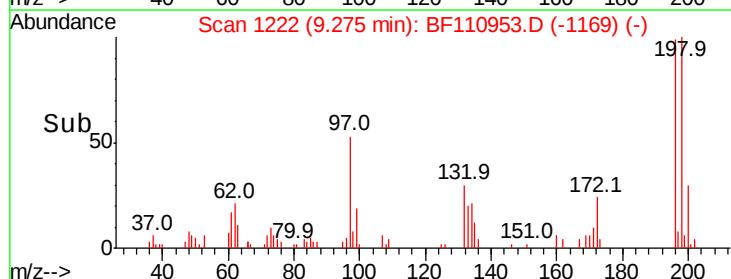
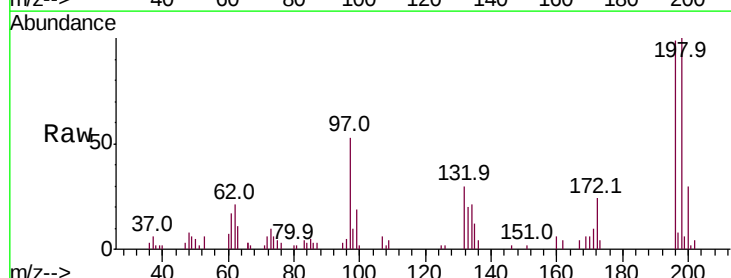
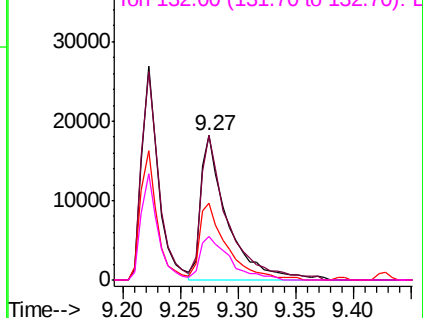
132 30.3 22.8 34.2

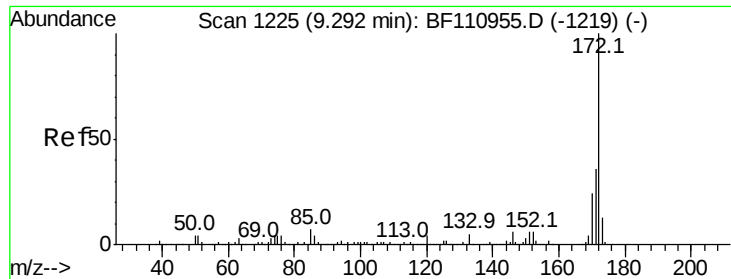
Abundance Ion 196.00 (195.70 to 196.70): E

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

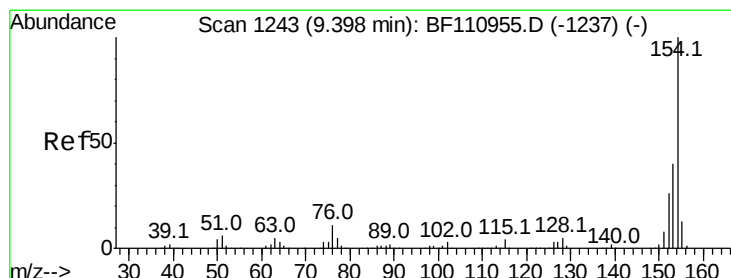
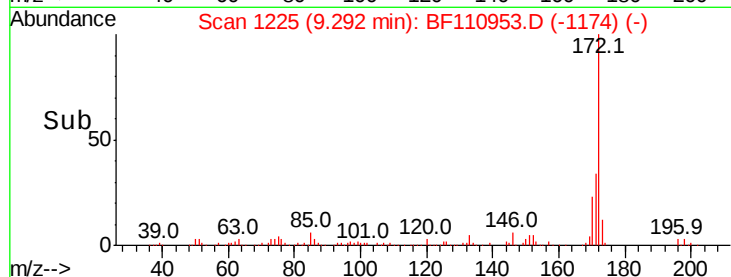
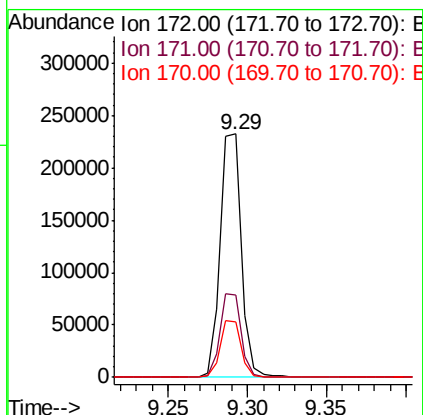
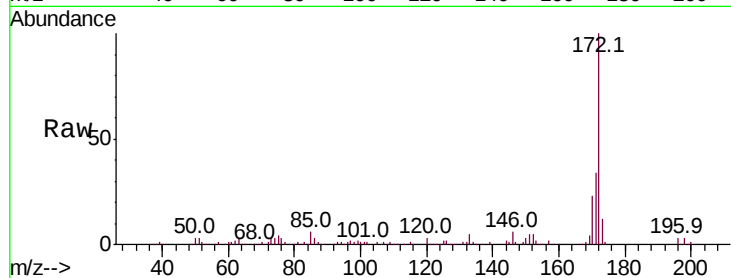




#45
2-Fluorobiphenyl
Concen: 21.561 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

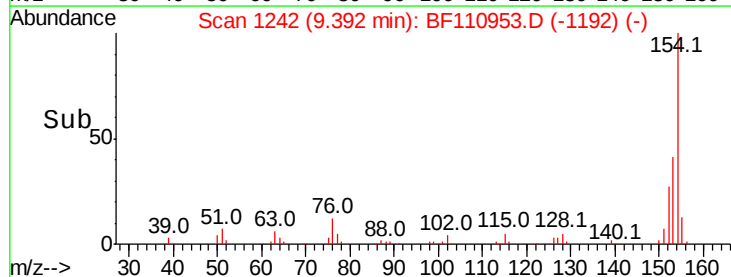
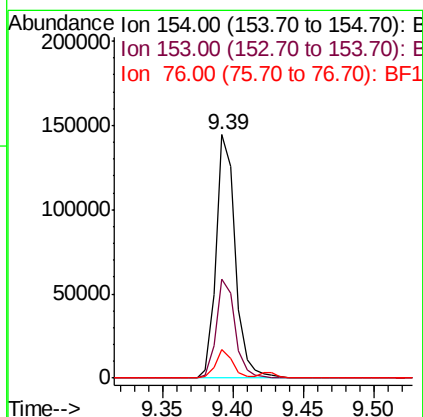
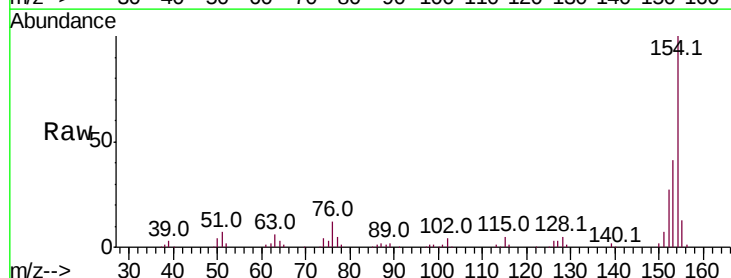
Instrument :
BNA_F
ClientSampleId :

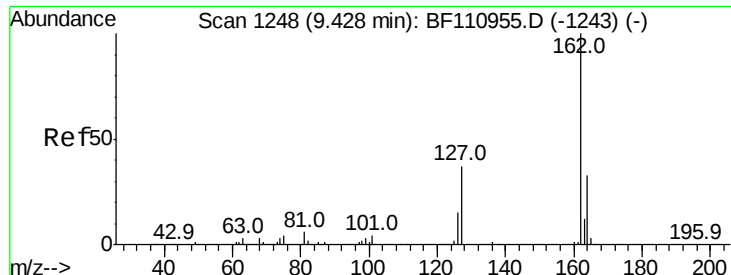
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	23.0	19.7	29.5



#46
1,1'-Biphenyl
Concen: 10.296 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	12.0	0.0	31.9

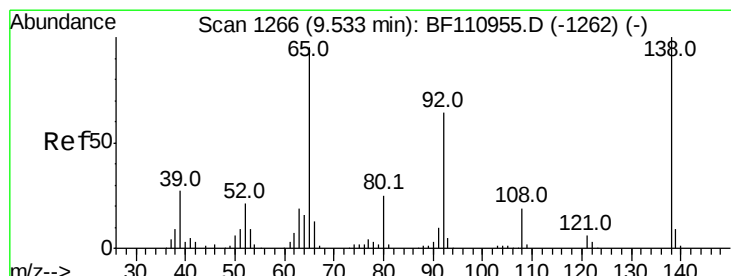
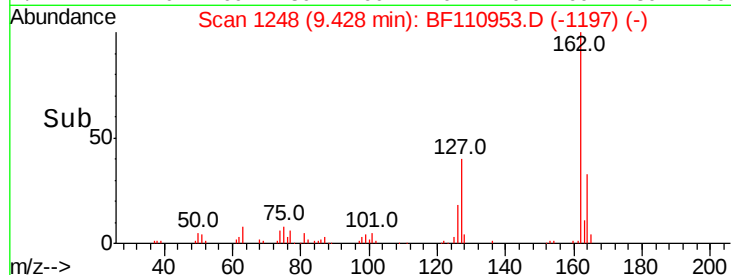
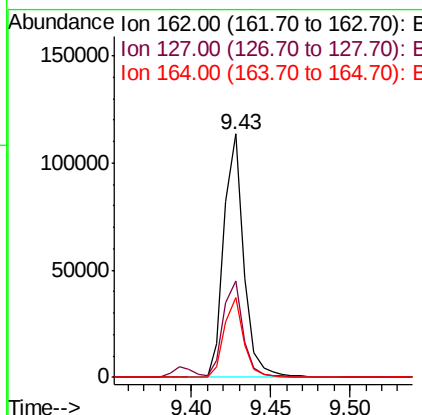
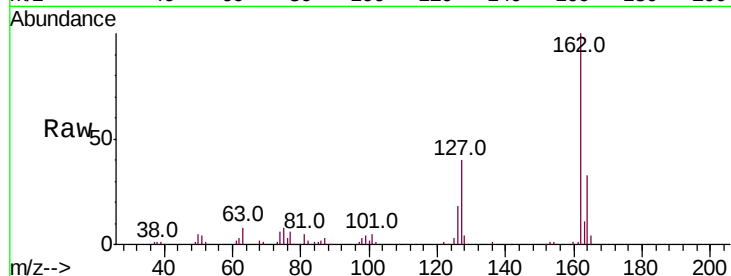




#47
2-Chloronaphthalene
Concen: 10.319 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

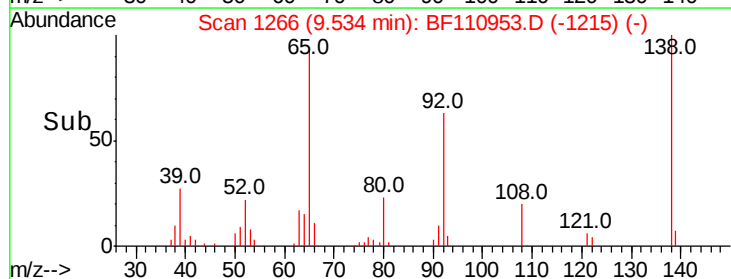
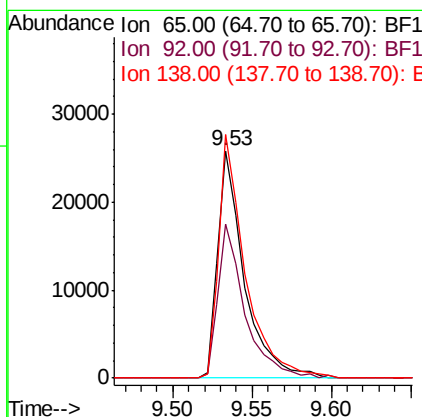
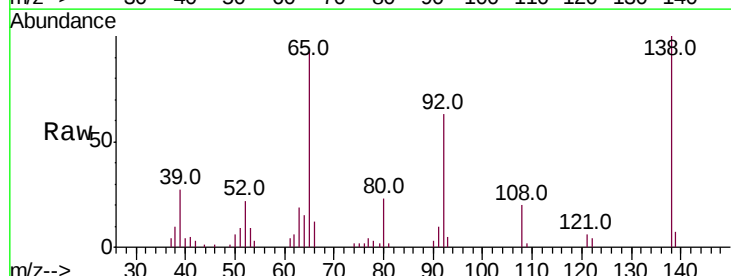
Instrument :
BNA_F
ClientSampleId :

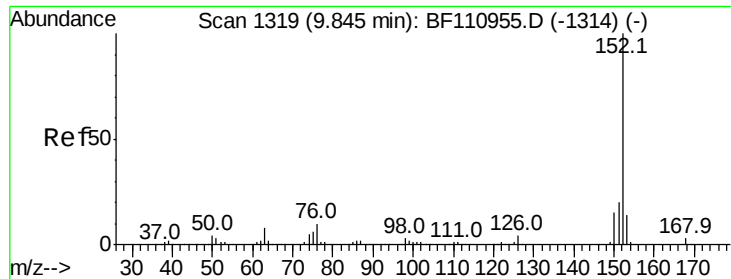
Tot Ion:162 Resp: 98749
Ion Ratio Lower Upper
162 100
127 39.7 32.6 48.8
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 10.175 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion: 65 Resp: 30006
Ion Ratio Lower Upper
65 100
92 68.0 54.6 81.8
138 107.2 80.3 120.5





#49

Acenaphthylene

Concen: 10.463 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

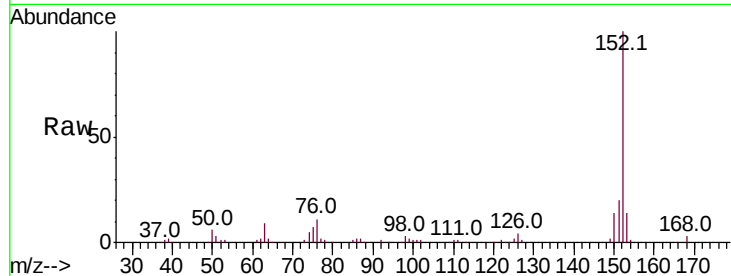
Tot Ion:152 Resp: 144198

Ion Ratio Lower Upper

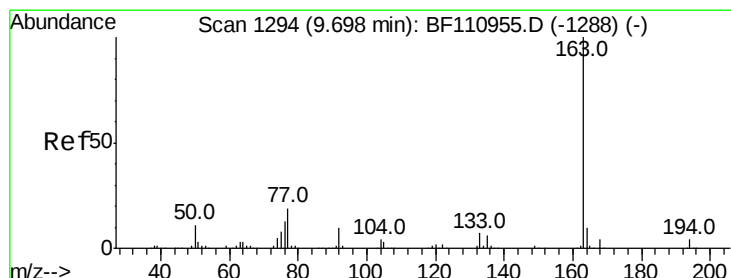
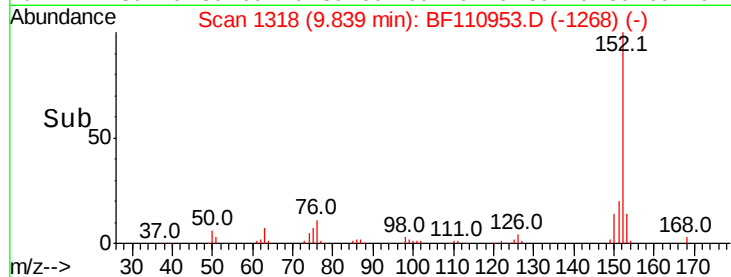
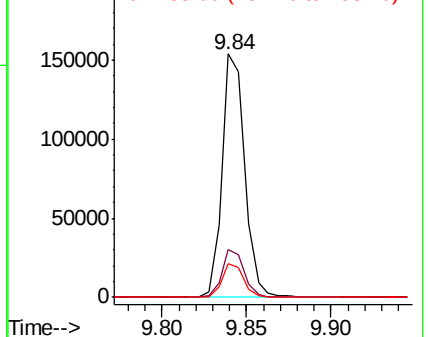
152 100

151 19.8 15.8 23.8

153 13.7 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: 10.314 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

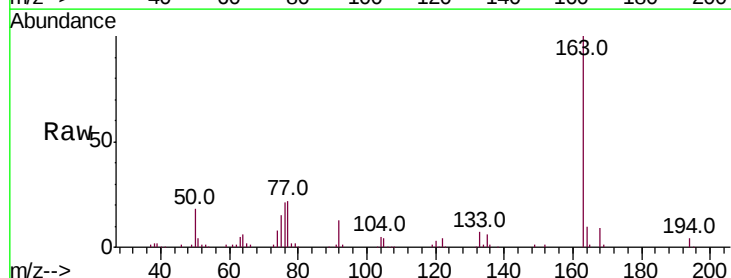
Tgt Ion:163 Resp: 109586

Ion Ratio Lower Upper

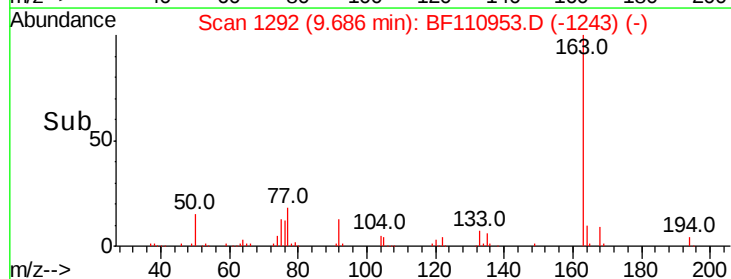
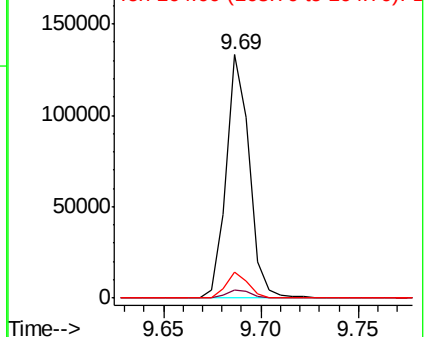
163 100

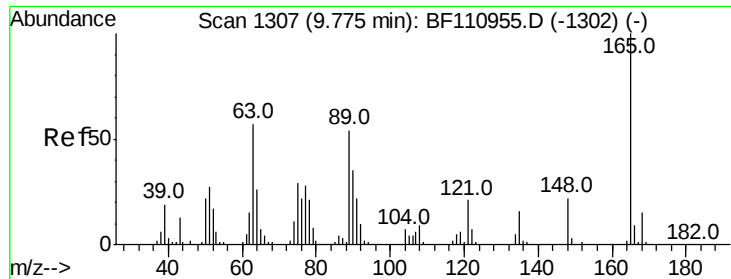
194 3.5 3.2 4.8

164 10.5 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: 10.324 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampled :

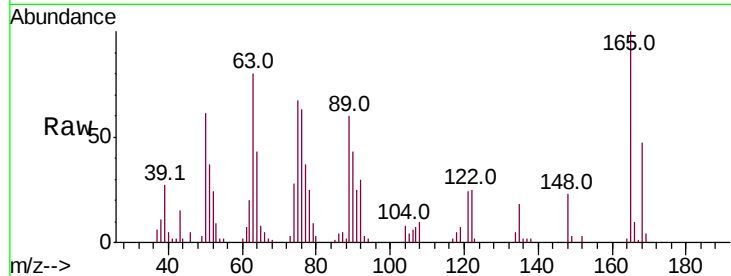
Tot Ion:165 Resp: 24130

Ion Ratio Lower Upper

165 100

63 80.3 48.9 73.3#

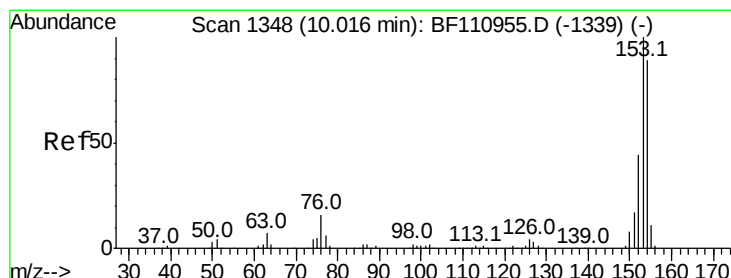
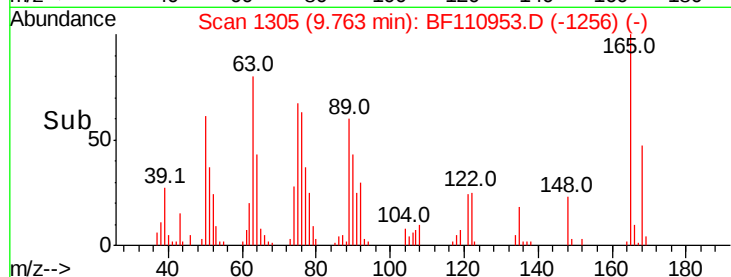
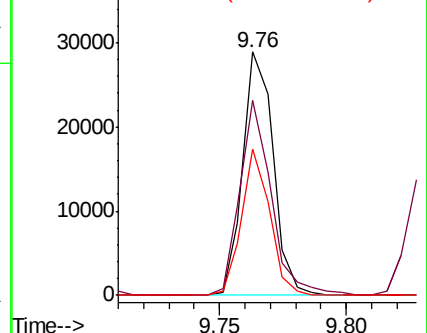
89 60.1 46.6 69.8



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: 10.598 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

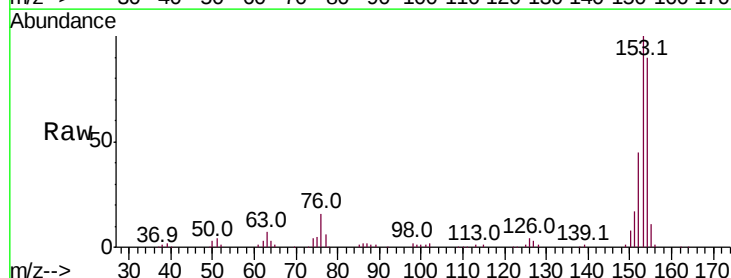
Tgt Ion:154 Resp: 92305

Ion Ratio Lower Upper

154 100

153 110.7 90.1 135.1

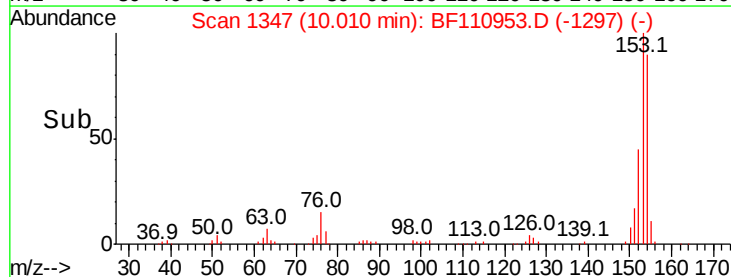
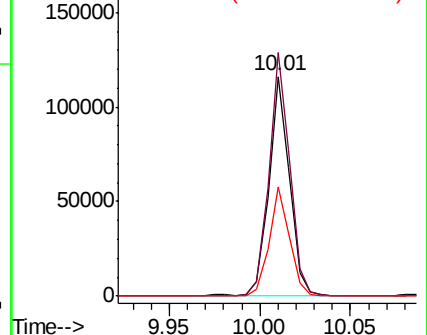
152 49.8 43.4 65.2

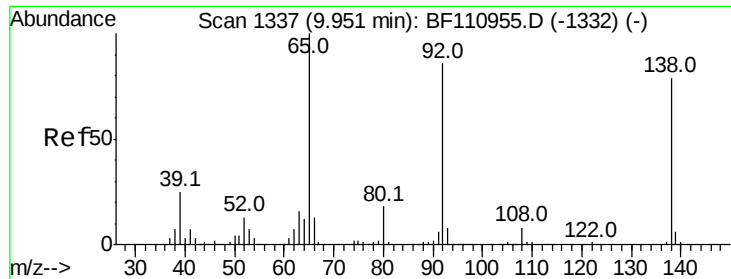


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

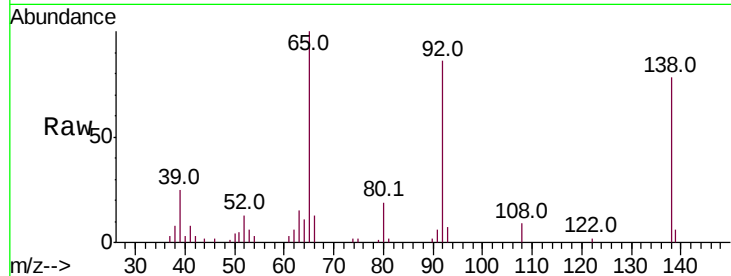




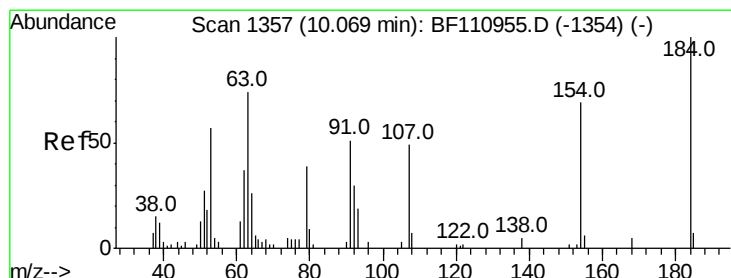
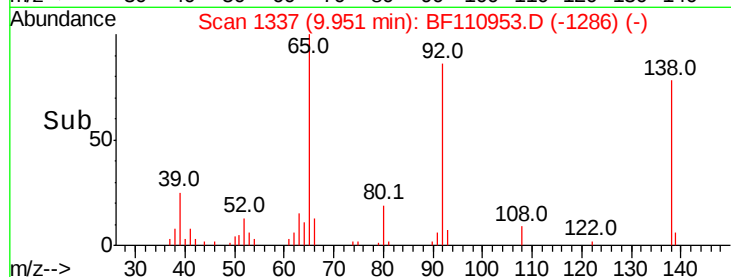
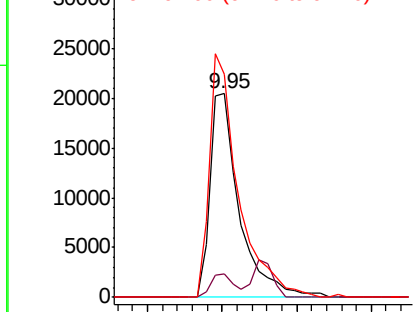
#53
3-Nitroaniline
Concen: 10.338 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 27995
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 109.8 97.0 145.4

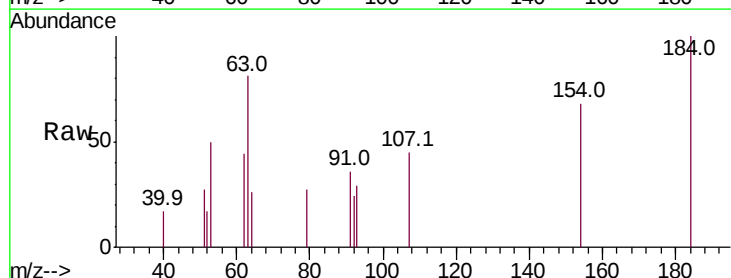


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

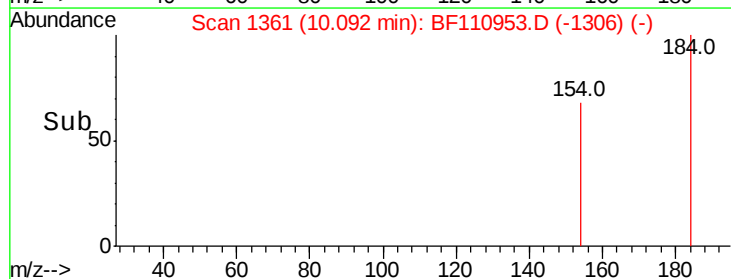
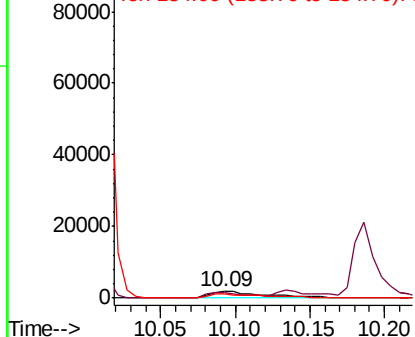


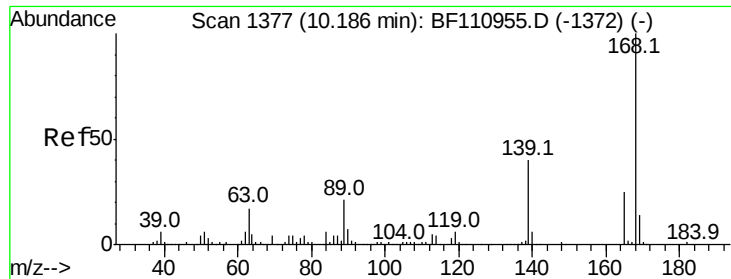
#54
2,4-Dinitrophenol
Concen: 5.817 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:184 Resp: 4804
Ion Ratio Lower Upper
184 100
63 81.2 55.8 83.6
154 67.6 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

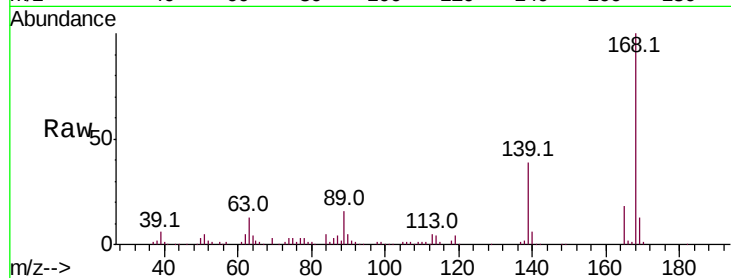




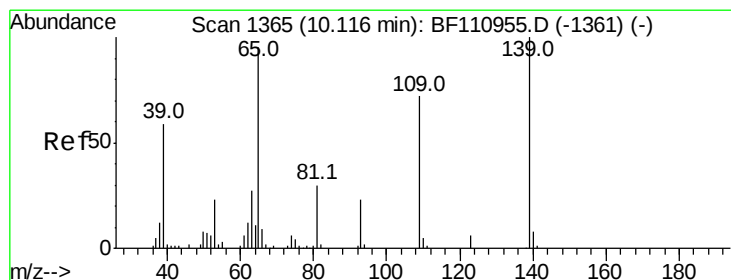
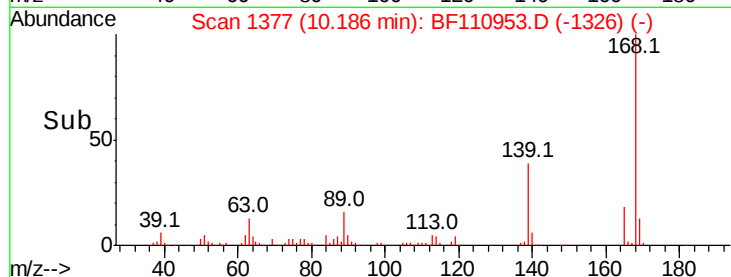
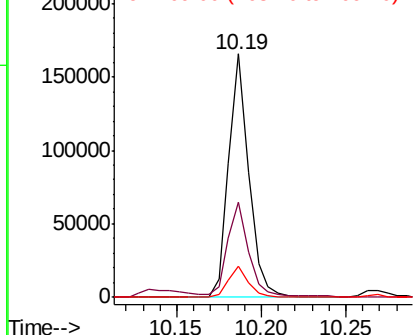
#55
Dibenzenofuran
Concen: 10.813 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 137786
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 12.7 11.3 16.9

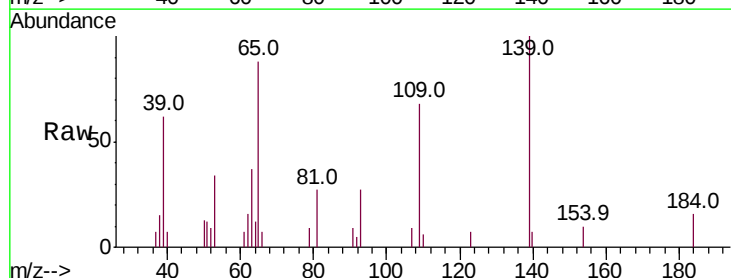


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

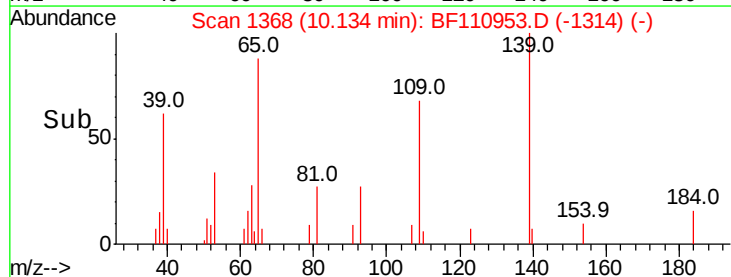
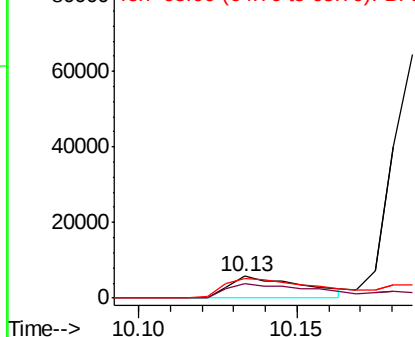


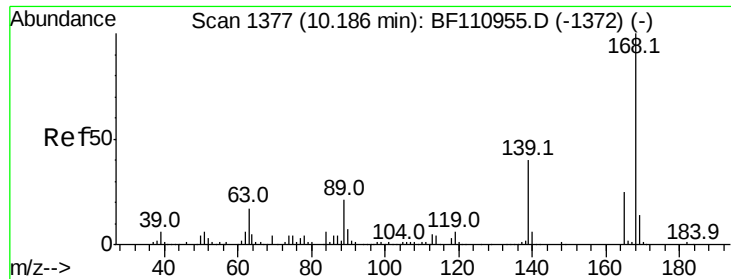
#56
4-Nitrophenol
Concen: 5.153 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:139 Resp: 9258
Ion Ratio Lower Upper
139 100
109 68.1 55.8 95.8
65 88.0 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

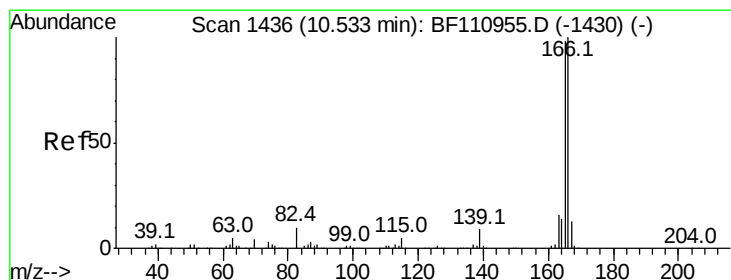
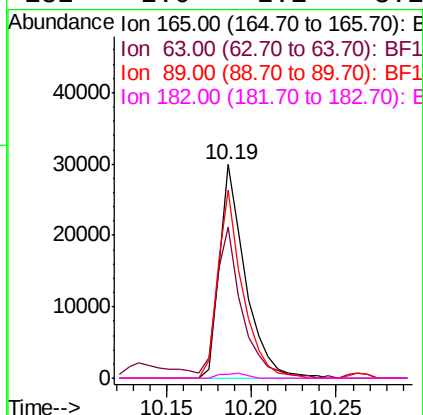
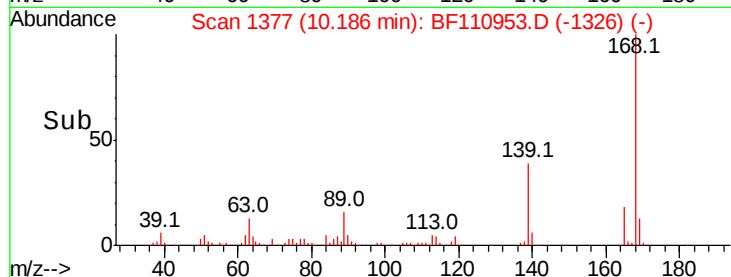
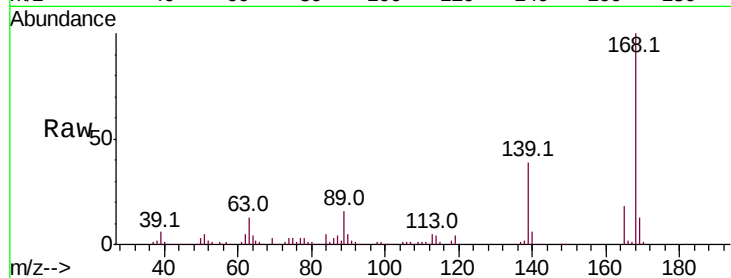




#57
2,4-Dinitrotoluene
Concen: 10.584 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

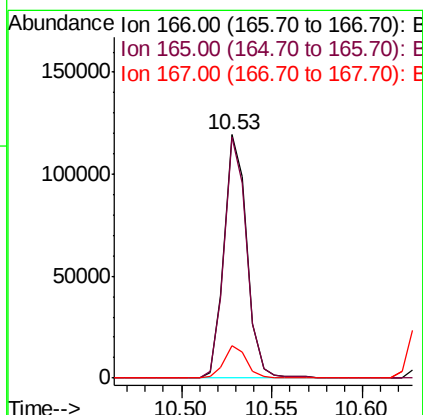
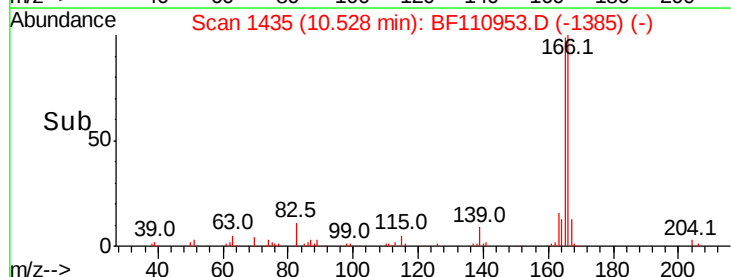
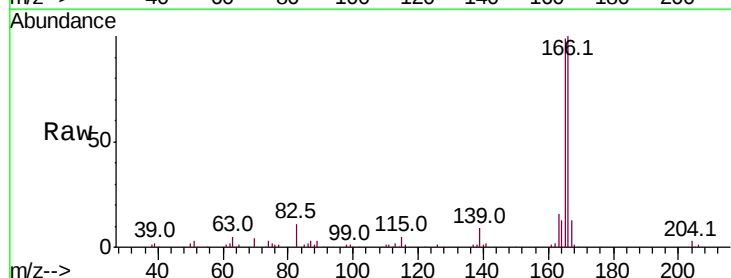
Instrument :
BNA_F
ClientSampleId :

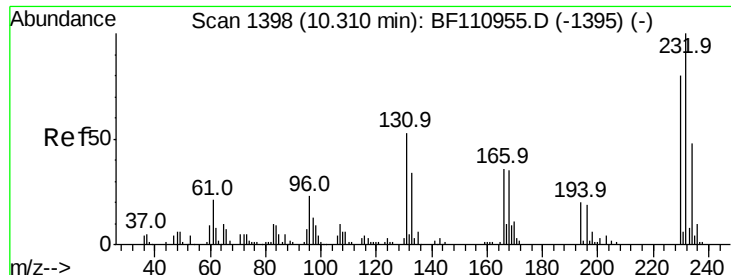
Tot Ion:165 Resp: 32166
Ion Ratio Lower Upper
165 100
63 70.8 44.8 67.2#
89 87.8 62.2 93.4
182 2.0 2.1 3.1#



#58
Fluorene
Concen: 10.718 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:166 Resp: 104907
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.1 10.8 16.2

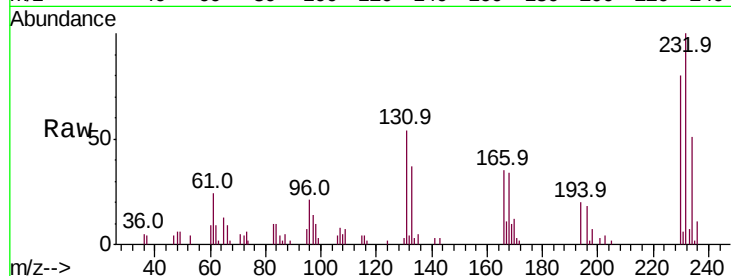




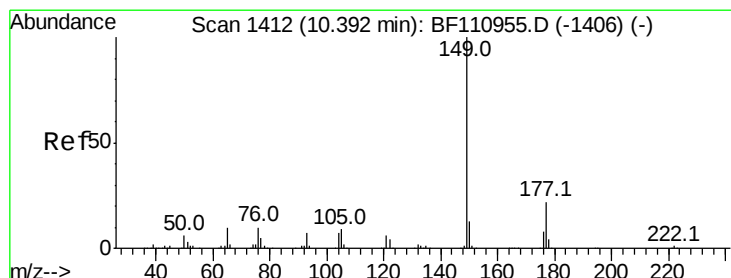
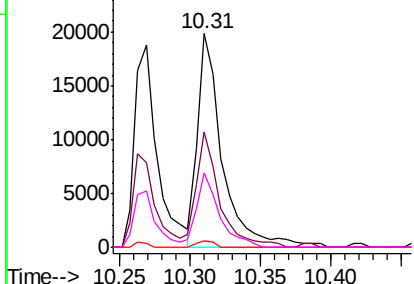
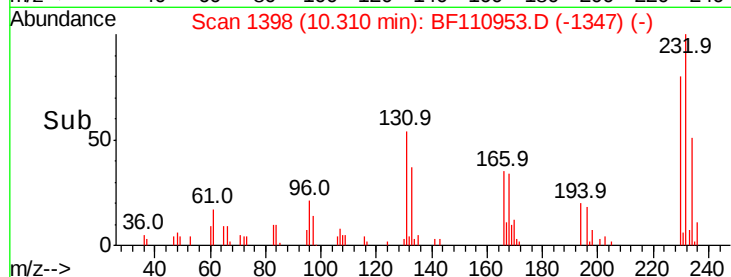
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.209 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 24266
 Ion Ratio Lower Upper
 232 100
 131 50.5 37.0 55.4
 130 1.9 1.8 2.6
 166 31.9 22.0 33.0

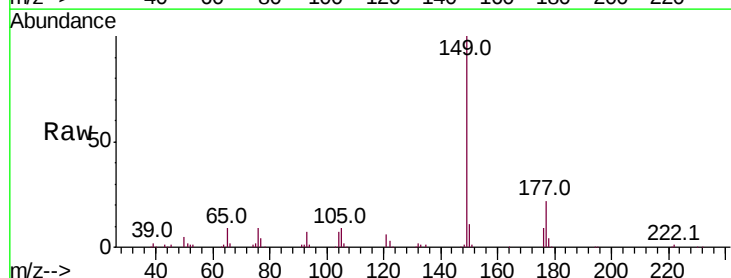


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

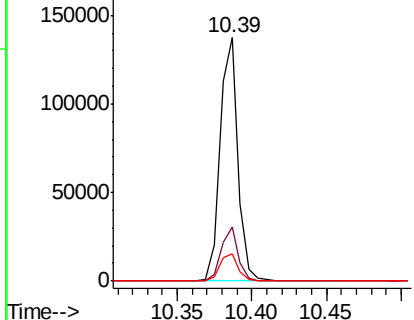
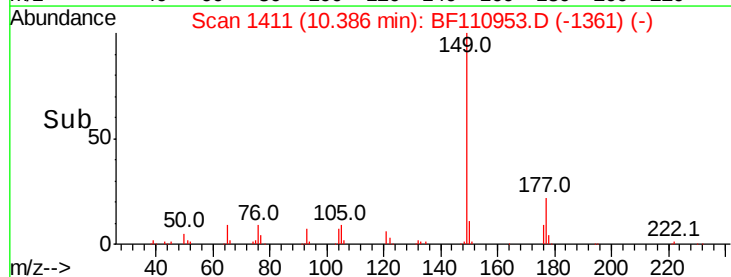


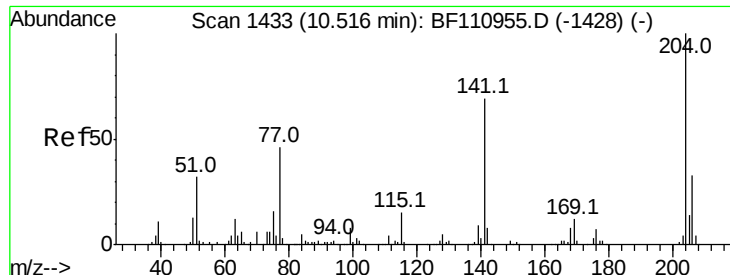
#60
 Diethylphthalate
 Concen: 10.973 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion:149 Resp: 115345
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.4 26.2
 150 11.5 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

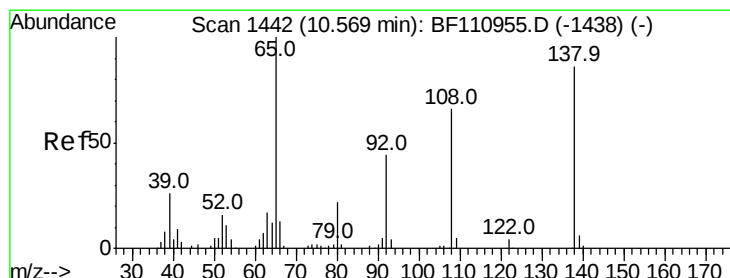
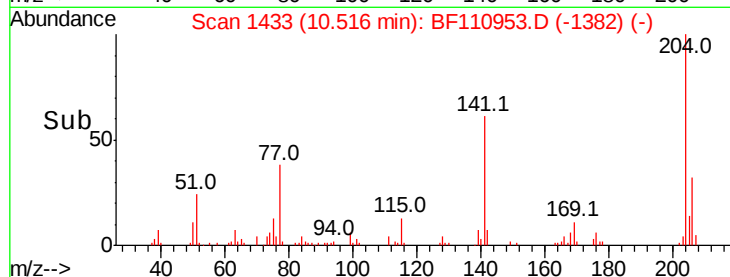
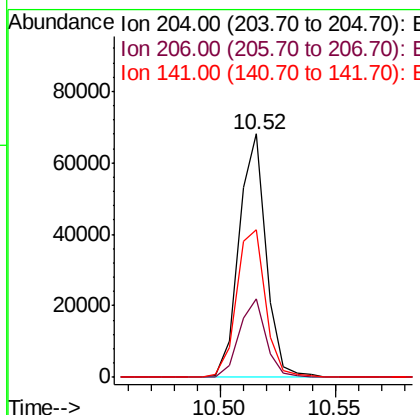
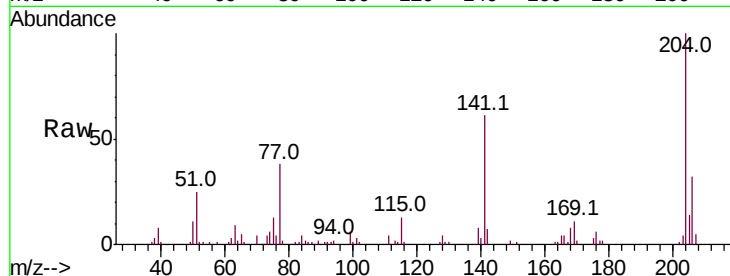




#61
4-Chlorophenyl-phenylether
Concen: 10.989 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

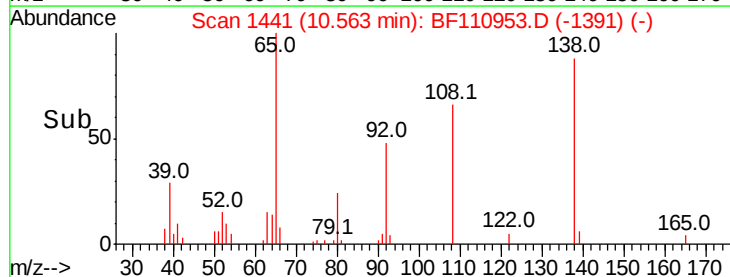
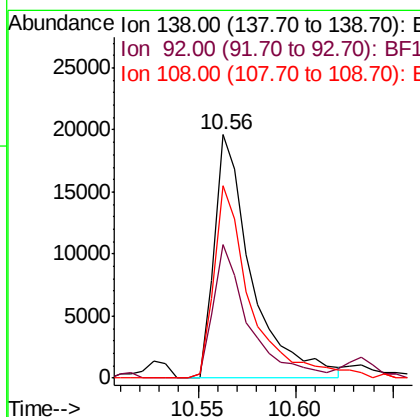
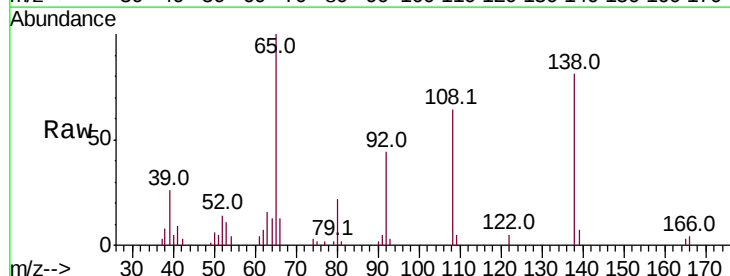
Instrument :
BNA_F
ClientSampleId :

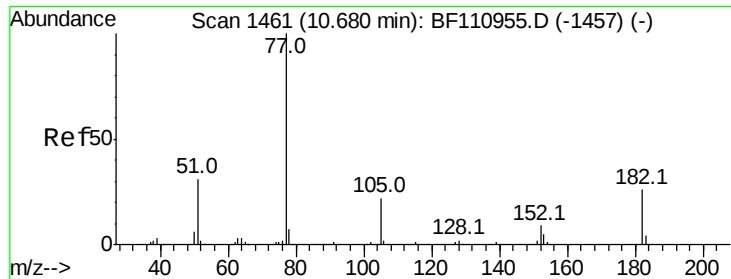
Tot Ion:204 Resp: 55691
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.7 51.8 77.8



#62
4-Nitroaniline
Concen: 9.538 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:138 Resp: 26008
Ion Ratio Lower Upper
138 100
92 54.8 31.7 71.7
108 79.1 59.3 99.3





#63

Azobenzene

Concen: 10.826 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 111027

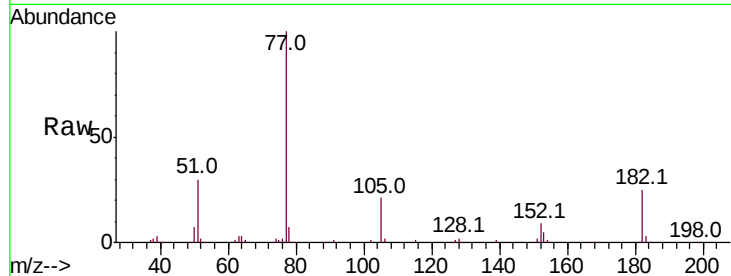
Ion Ratio Lower Upper

77 100

182 24.7 4.3 44.3

105 21.1 1.3 41.3

51 30.4 9.0 49.0

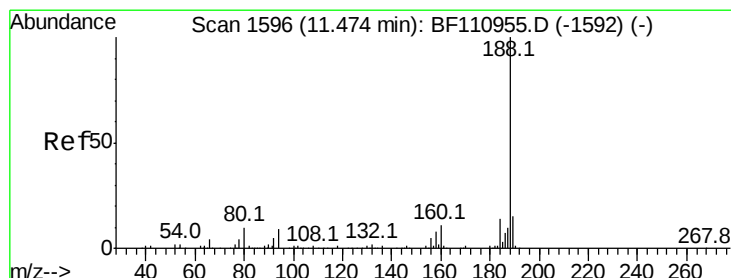
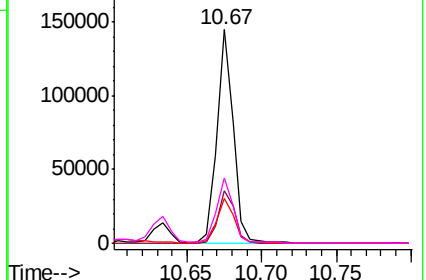
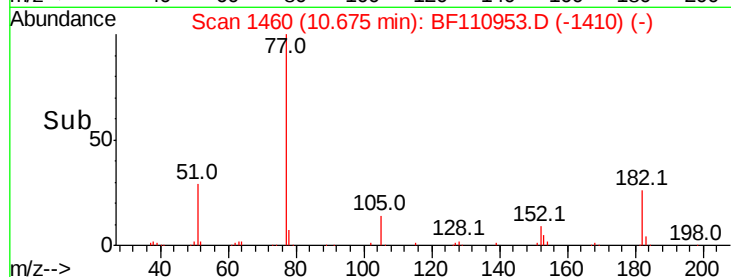


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

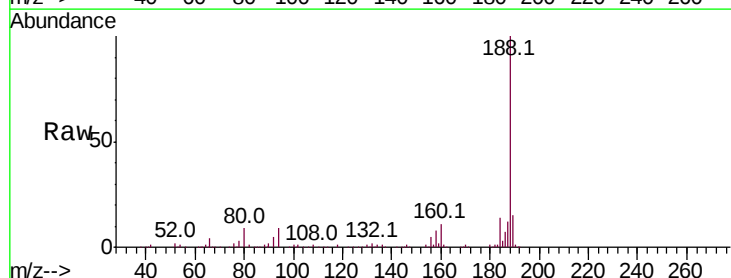
Tgt Ion: 188 Resp: 283397

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

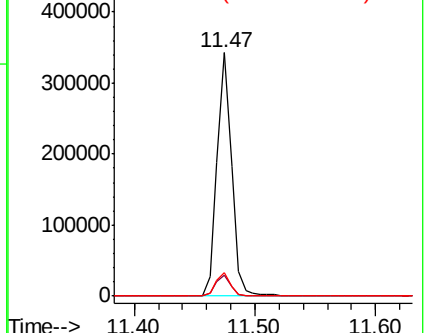
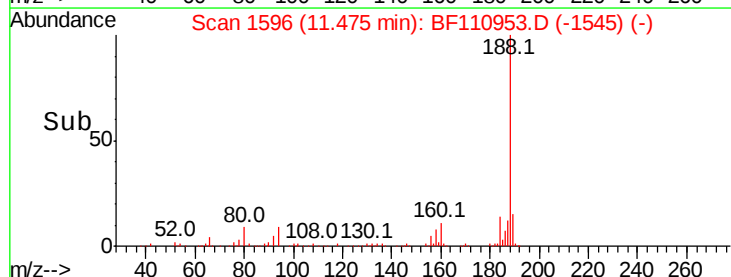
80 9.5 7.9 11.9

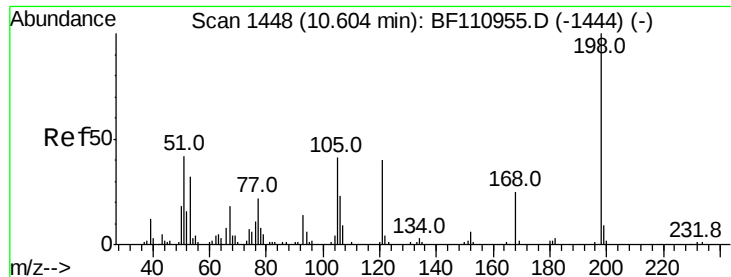


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

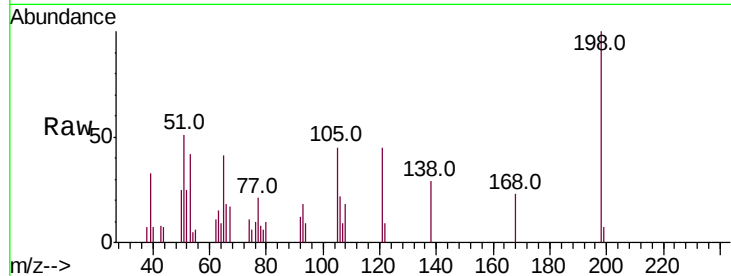




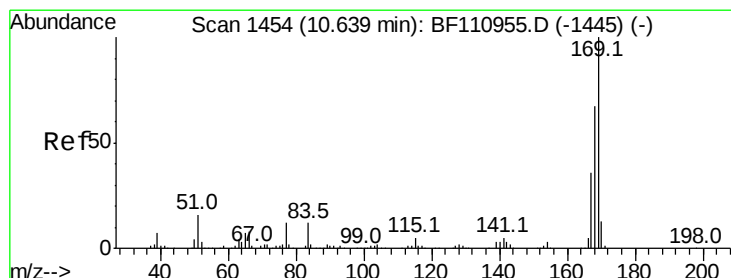
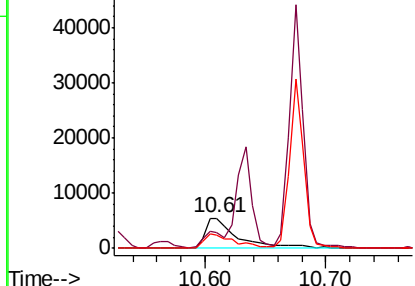
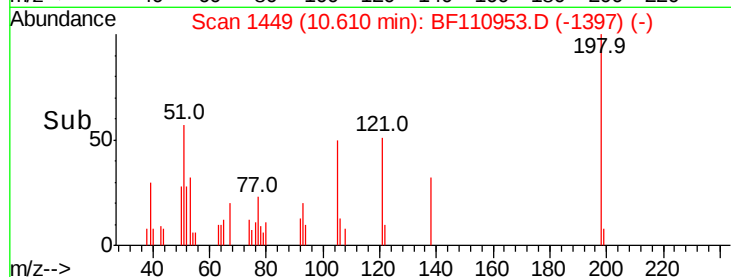
#65
4,6-Dinitro-2-methylphenol
Concen: 7.134 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 10189
Ion Ratio Lower Upper
198 100
51 50.6 22.8 62.8
105 45.0 23.6 63.6

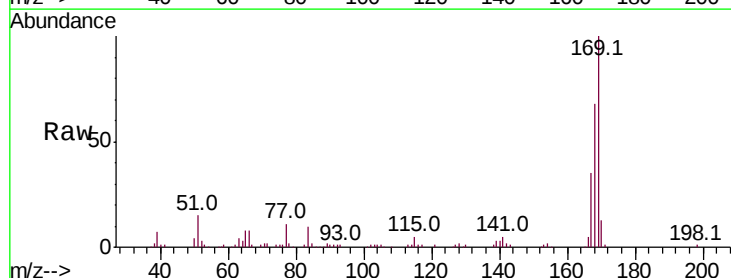


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

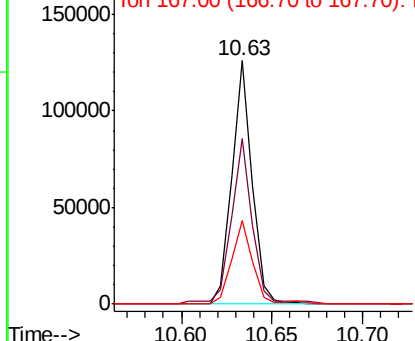
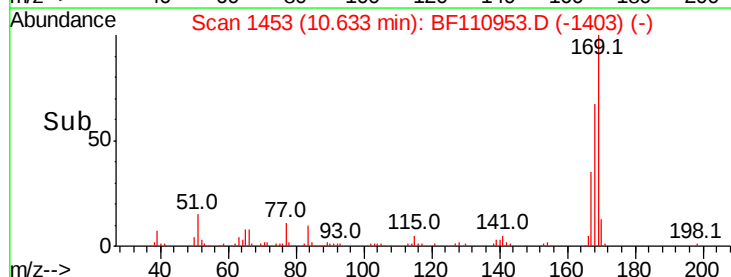


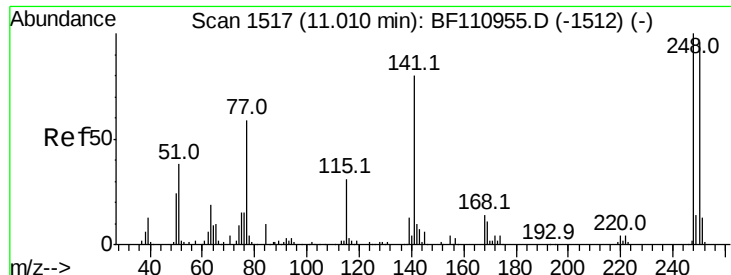
#66
n-Nitrosodiphenylamine
Concen: 10.295 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:169 Resp: 98343
Ion Ratio Lower Upper
169 100
168 67.8 51.2 76.8
167 34.6 27.8 41.6



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

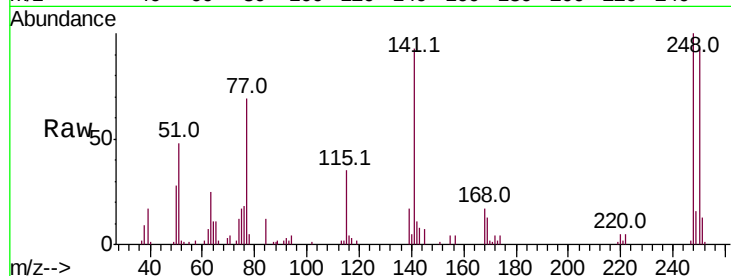




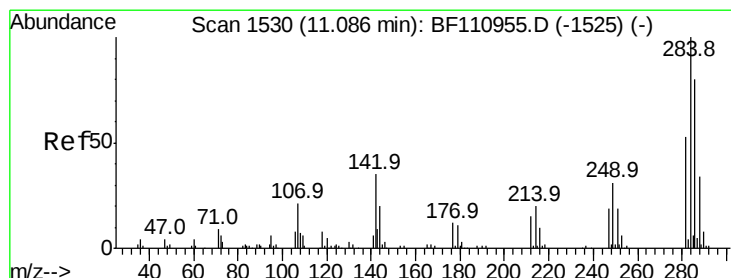
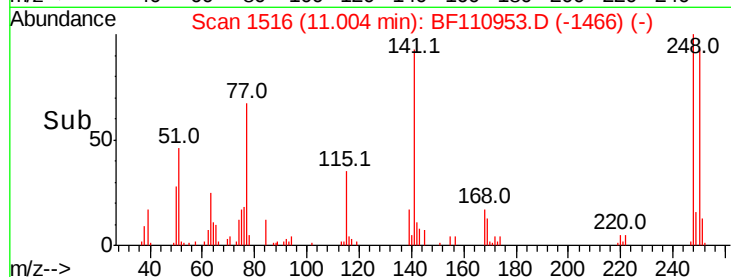
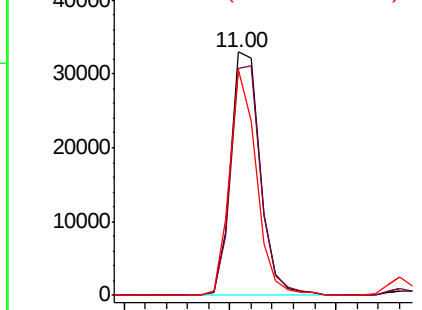
#67
4-Bromophenyl-phenylether
Concen: 10.155 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31806
Ion Ratio Lower Upper
248 100
250 93.4 79.4 119.2
141 92.8 55.9 83.9#

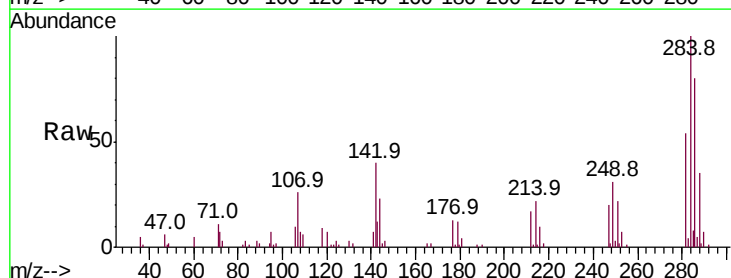


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

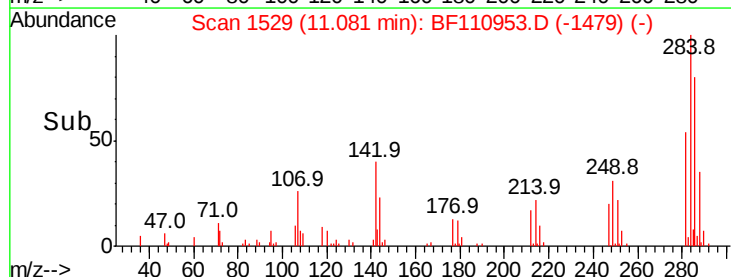
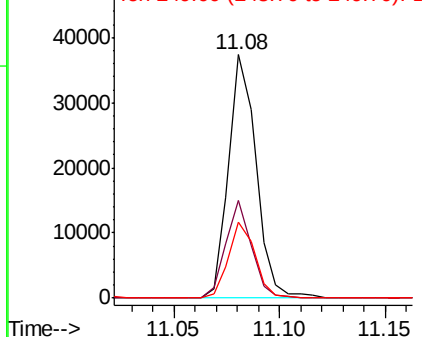


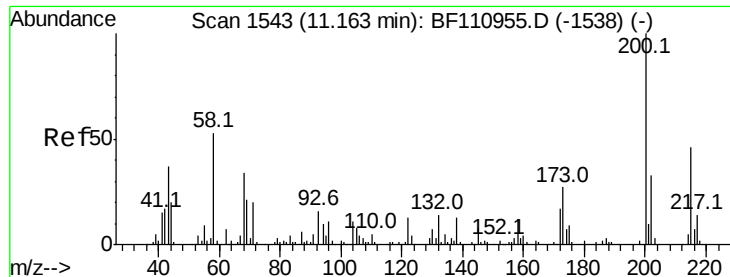
#68
Hexachlorobenzene
Concen: 10.192 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:284 Resp: 33656
Ion Ratio Lower Upper
284 100
142 40.1 23.9 35.9#
249 31.2 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

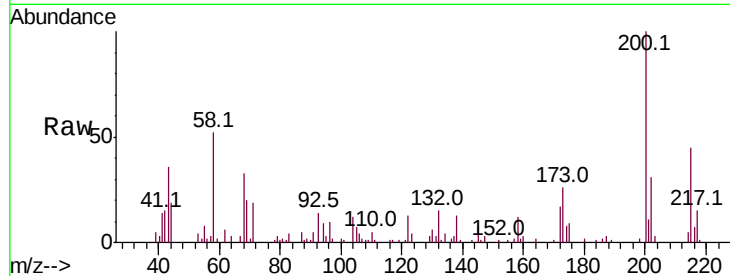




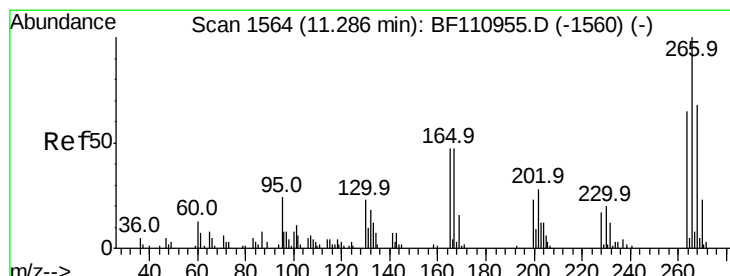
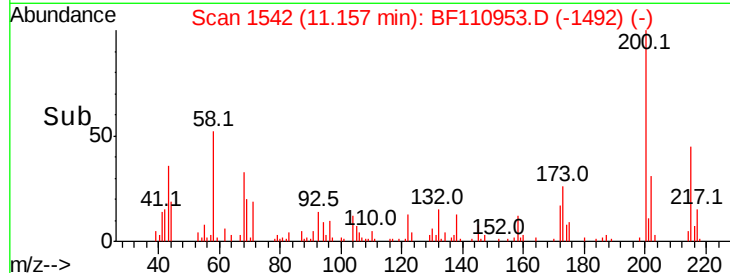
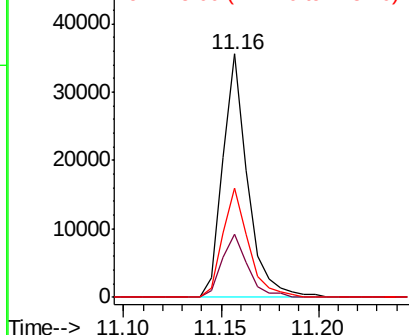
#69
 Atrazine
 Concen: 10.801 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 31546
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.6 46.6
 215 44.8 26.3 66.3

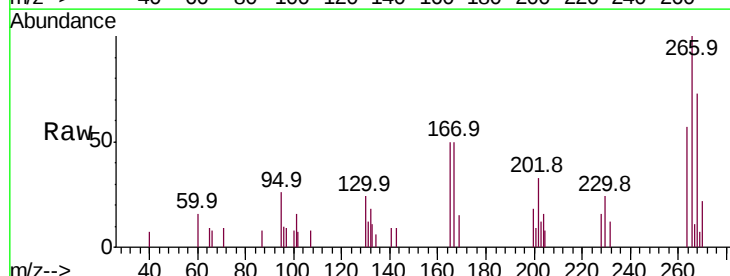


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

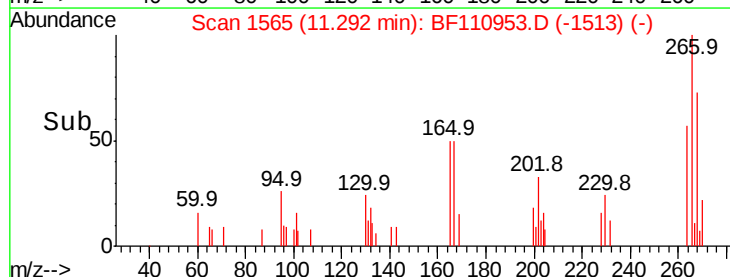
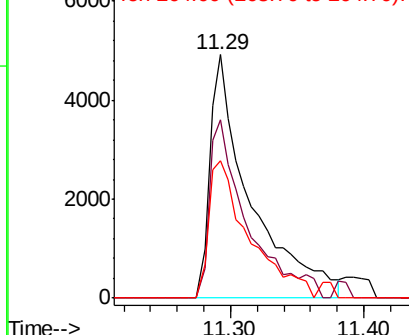


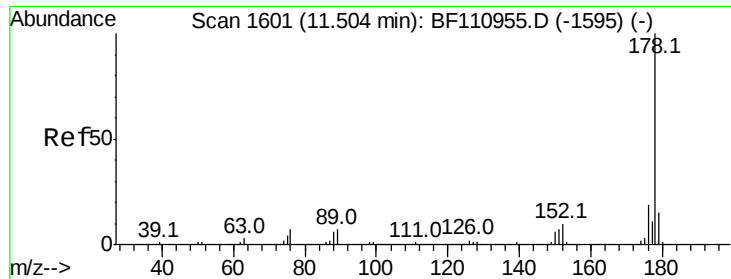
#70
 Pentachlorophenol
 Concen: 5.906 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion:266 Resp: 10406
 Ion Ratio Lower Upper
 266 100
 268 73.4 50.6 75.8
 264 56.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

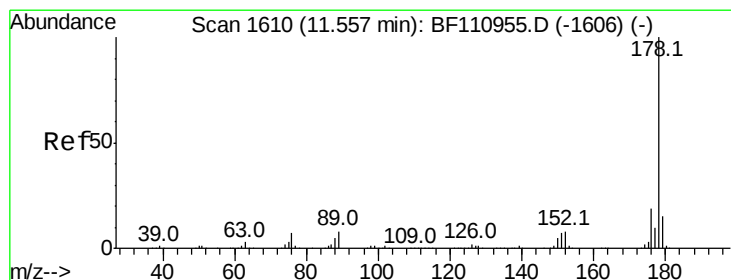
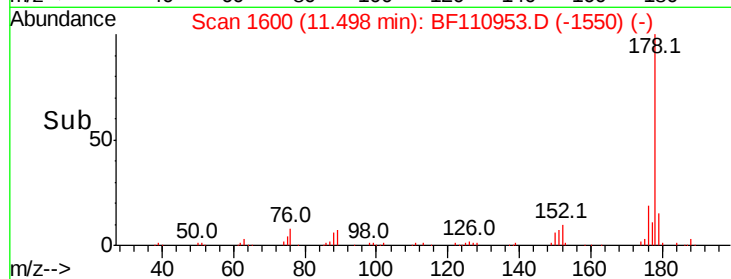
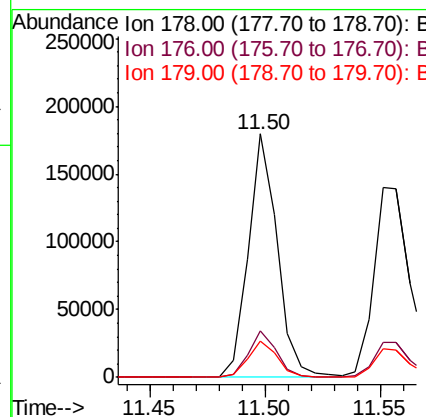
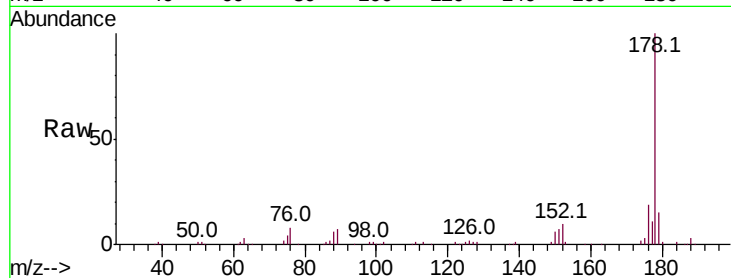




#71
Phenanthrene
Concen: 10.382 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

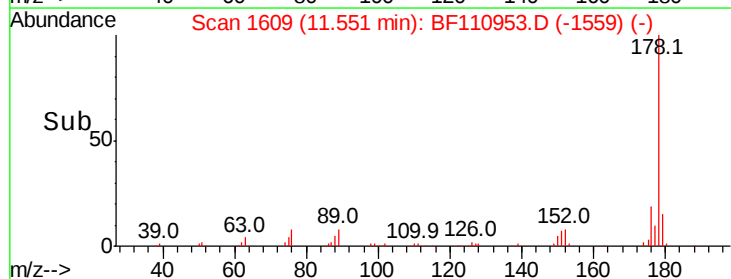
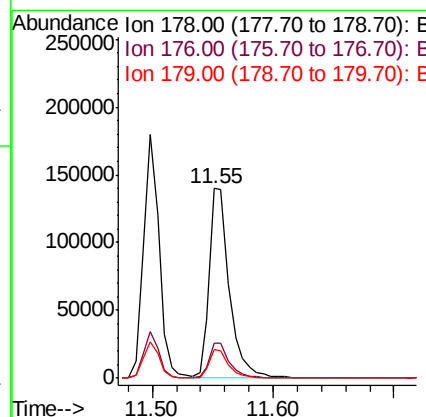
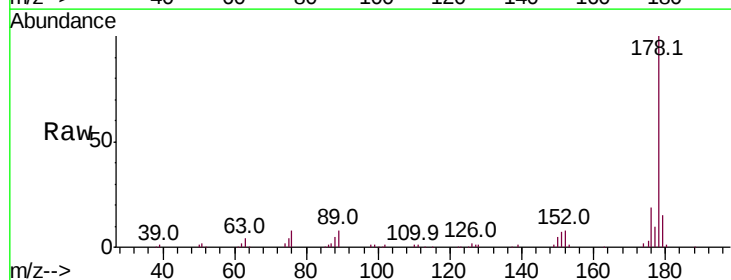
Instrument :
BNA_F
ClientSampled :

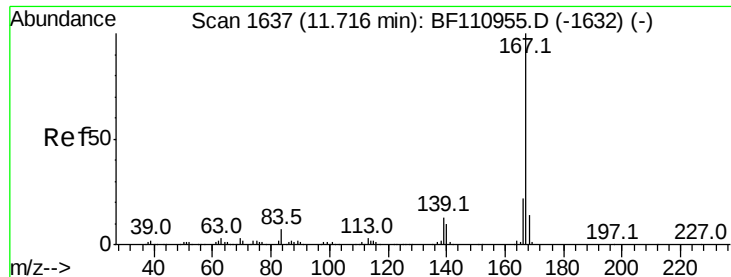
Tot Ion:178 Resp: 157635
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.8 12.5 18.7



#72
Anthracene
Concen: 10.581 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:178 Resp: 162052
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.1 12.6 18.8

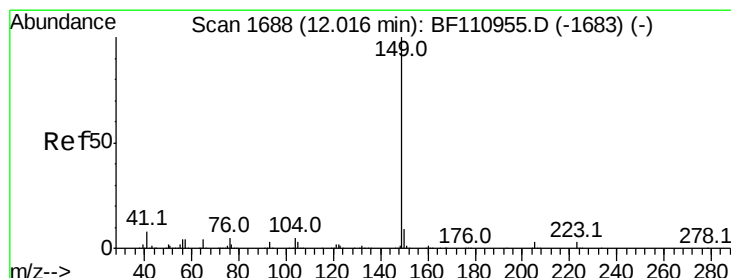
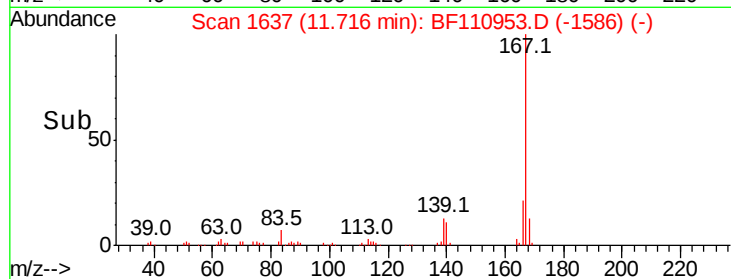
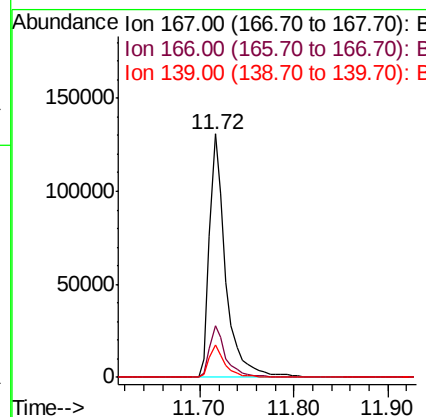
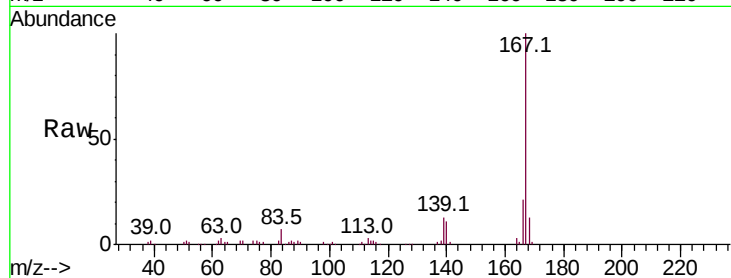




#73
 Carbazole
 Concen: 10.775 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

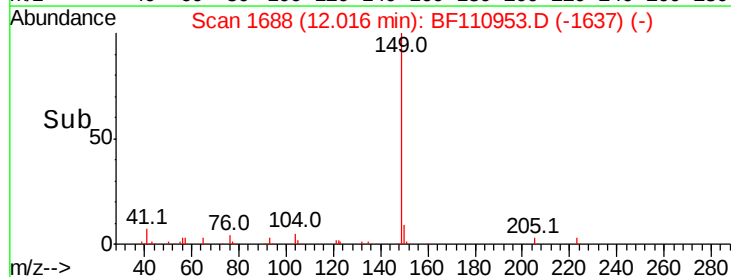
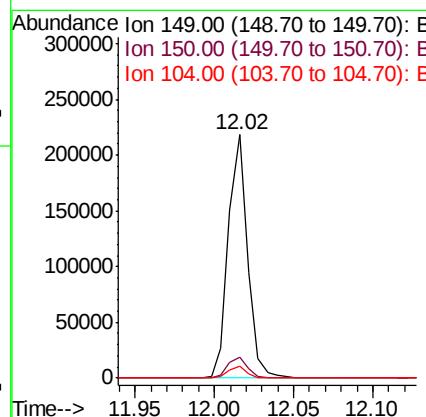
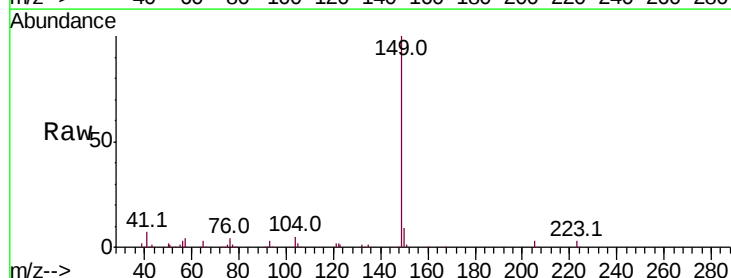
Instrument :
 BNA_F
 ClientSampleId :

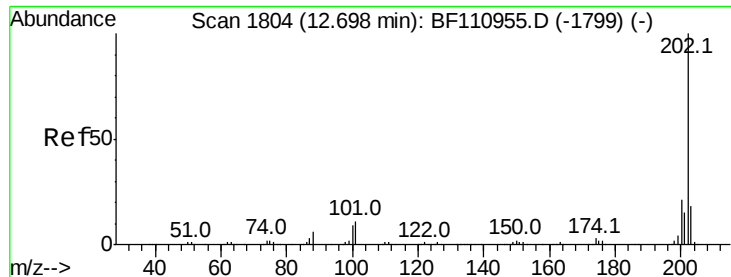
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 10.671 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.7	11.5
104	4.7	4.2	6.4

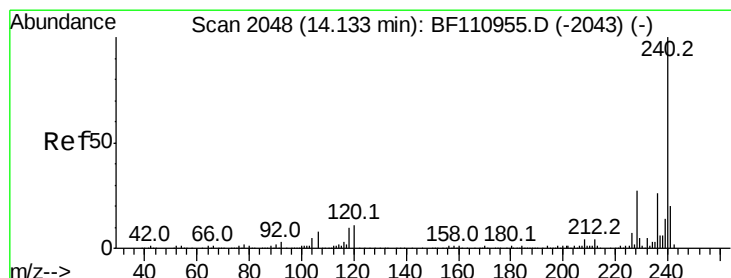
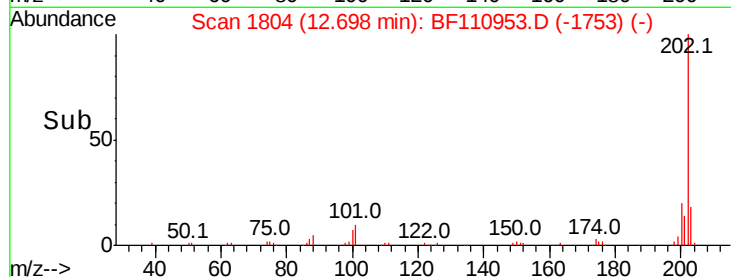
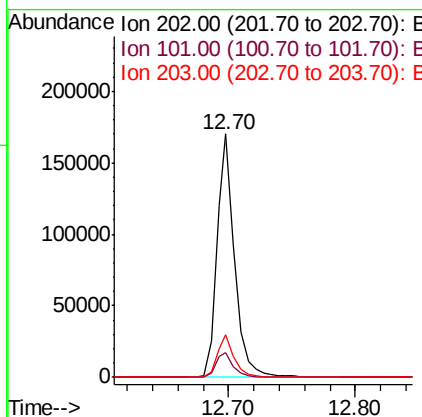
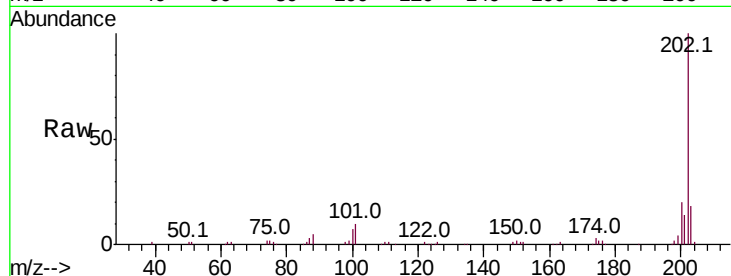




#75
 Fluoranthene
 Concen: 10.824 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

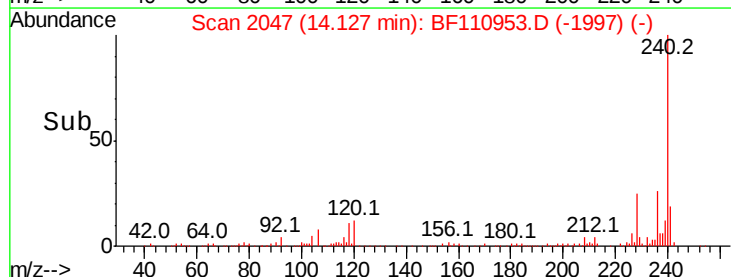
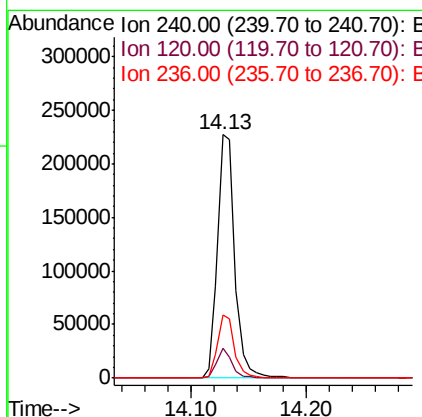
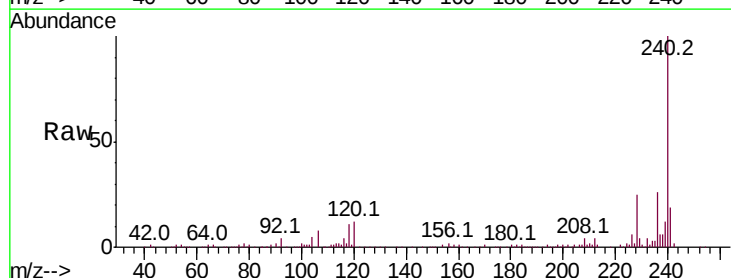
Instrument :
 BNA_F
 ClientSampleId :

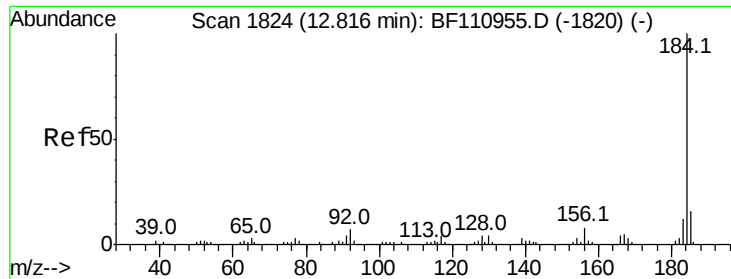
Tot Ion:202 Resp: 164769
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.4
 203 17.5 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion:240 Resp: 237110
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.3 12.5#
 236 25.8 21.2 31.8





#77

Benzidine

Concen: 13.191 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

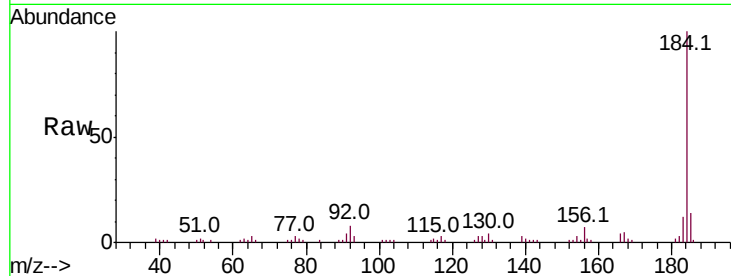
Tot Ion:184 Resp: 86016

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

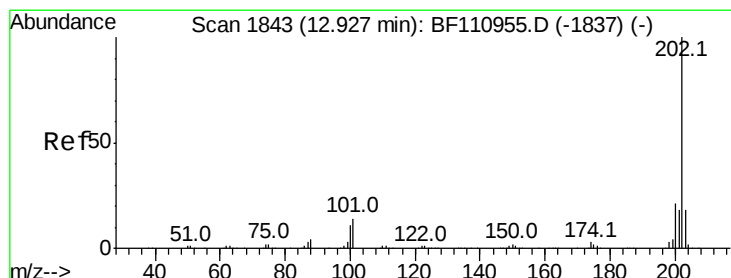
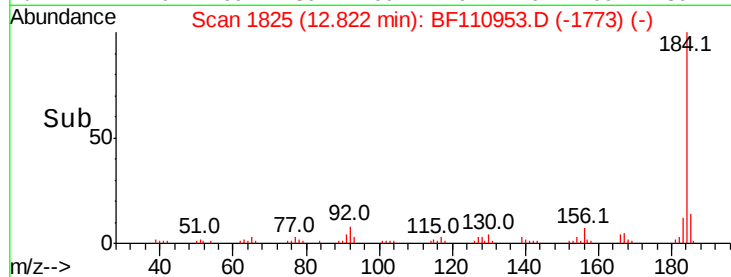
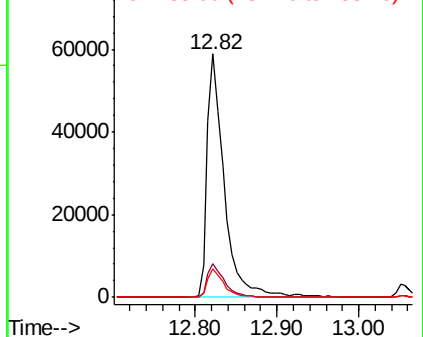
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.343 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

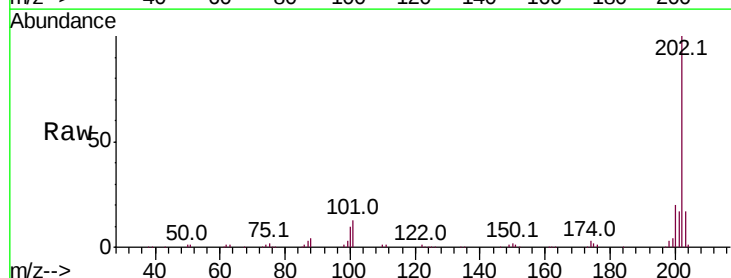
Tgt Ion:202 Resp: 170579

Ion Ratio Lower Upper

202 100

200 19.6 17.8 26.6

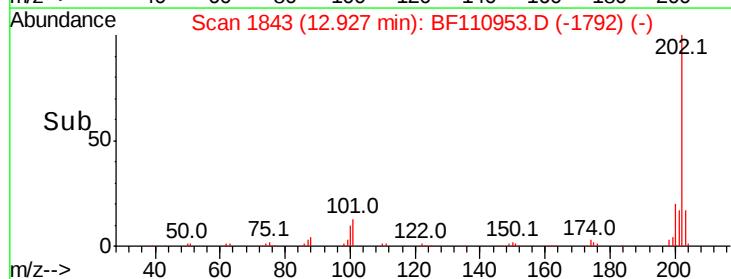
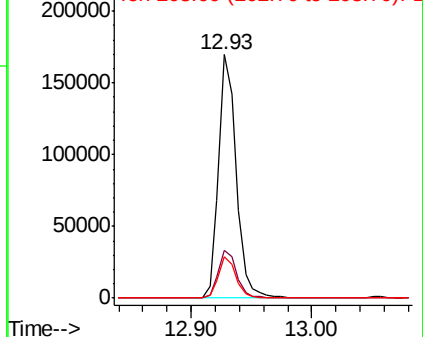
203 17.2 14.2 21.4

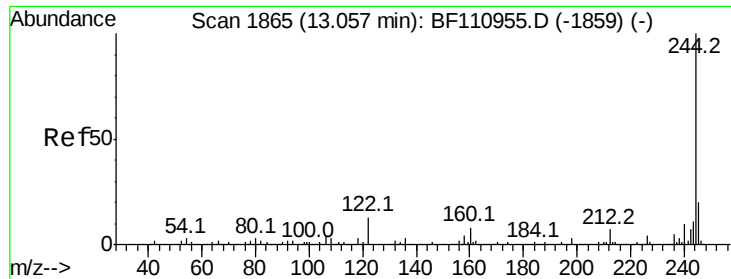


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

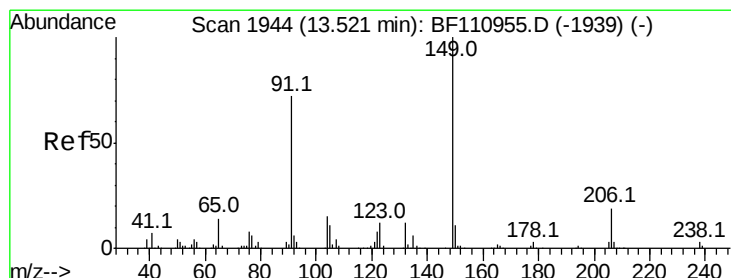
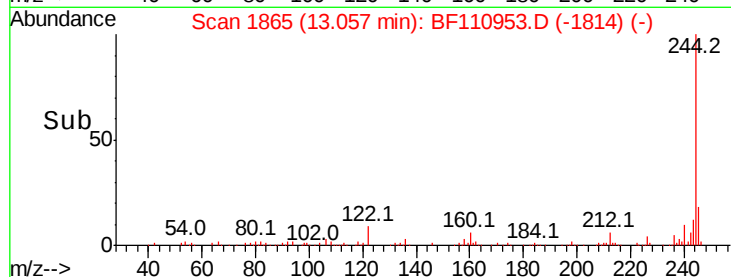
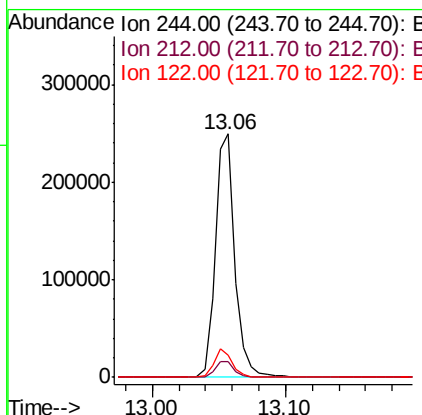
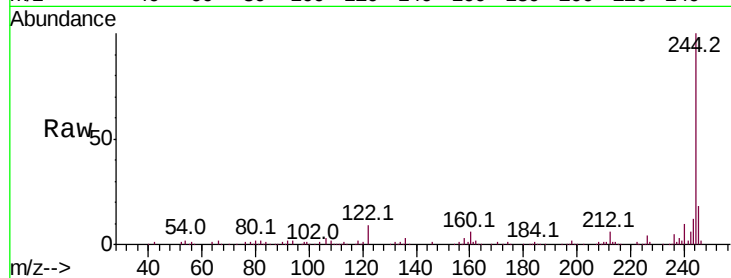




#79
 Terphenyl-d14
 Concen: 20.106 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

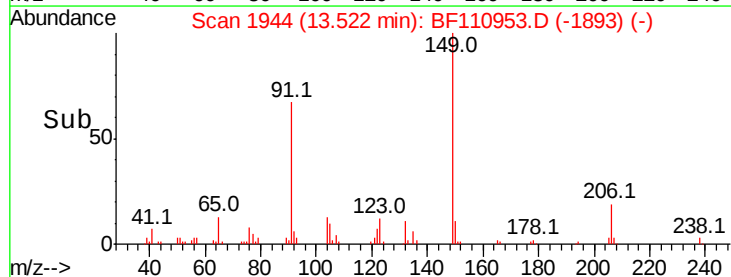
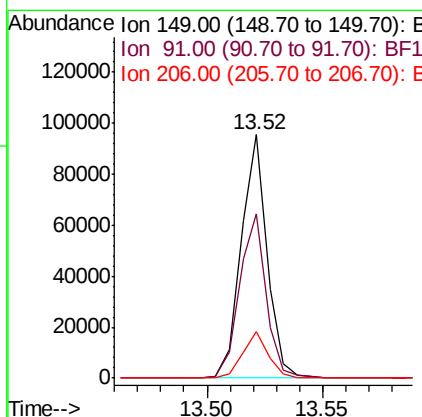
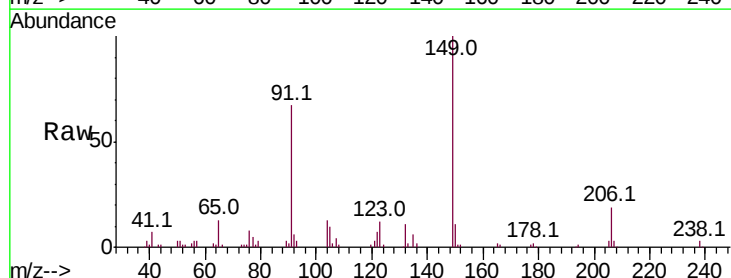
Instrument :
 BNA_F
 ClientSampleId :

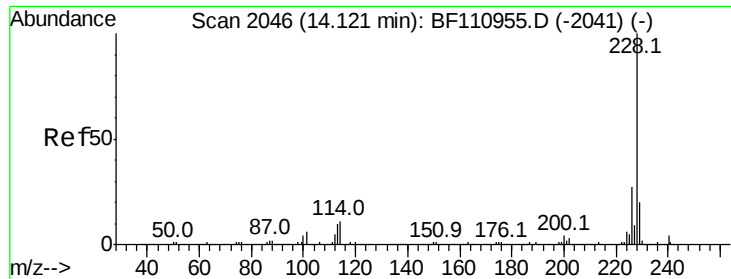
Tot Ion:244 Resp: 254557
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 9.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 9.508 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BF110953.D
 Acq: 26 Nov 2018 10:04

Tgt Ion:149 Resp: 74714
 Ion Ratio Lower Upper
 149 100
 91 67.5 57.2 85.8
 206 19.3 15.7 23.5

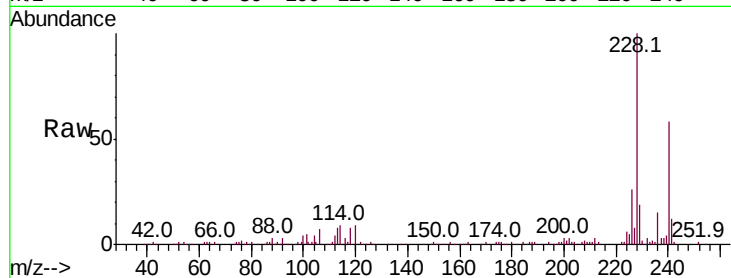




#81
Benzo(a)anthracene
Concen: 9.959 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.1	33.1
229	19.3	15.6	23.4

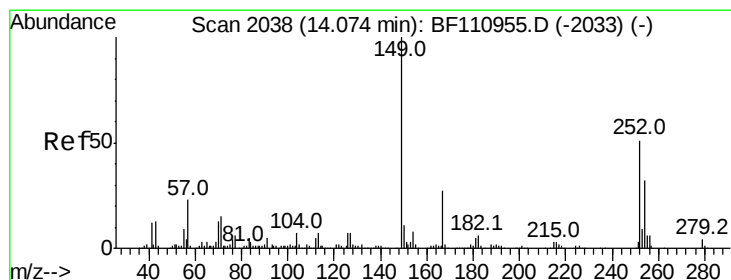
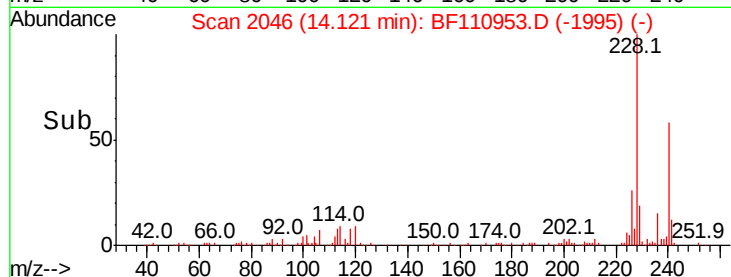
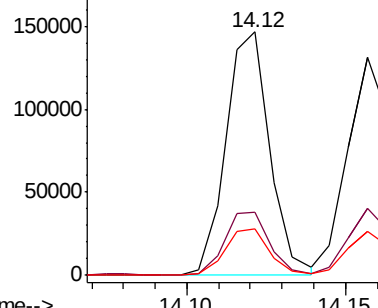


Abundance

Ion 228.00 (227.70 to 228.70): E

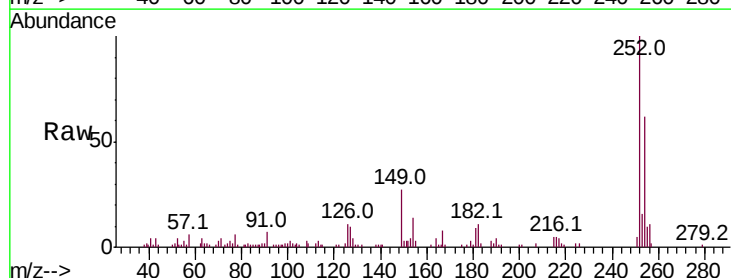
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 11.482 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.3	76.9
126	10.6	9.4	14.2

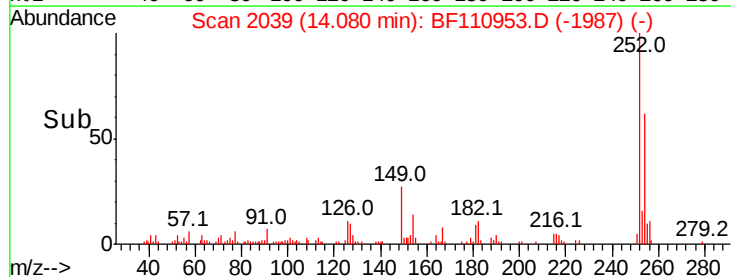
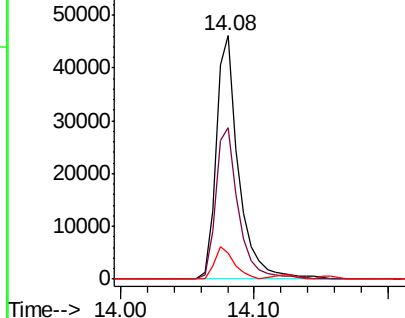


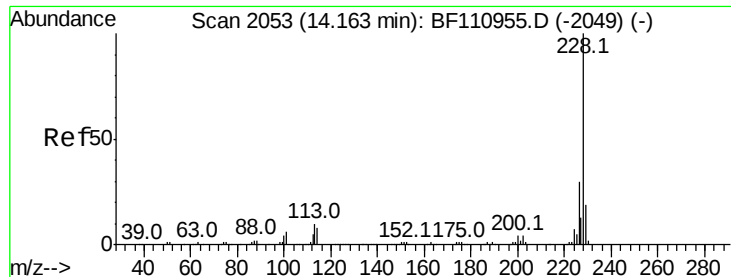
Abundance

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: 10.394 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

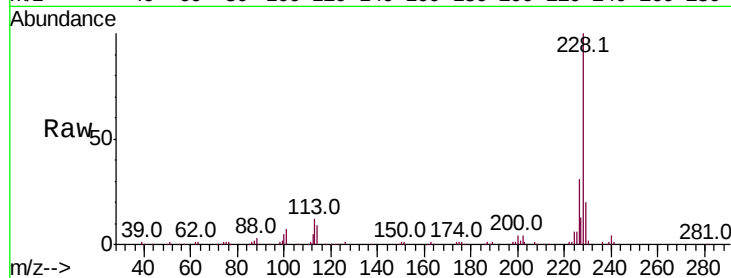
Tot Ion:228 Resp: 140346

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

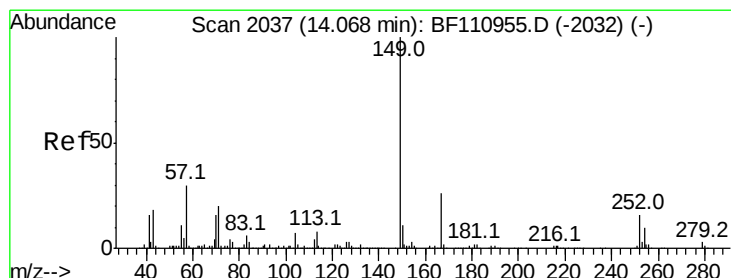
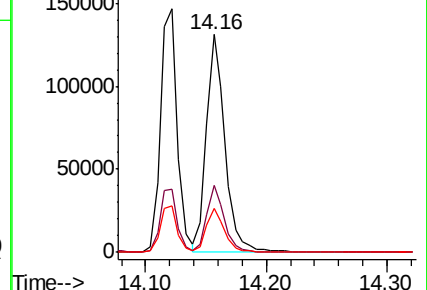
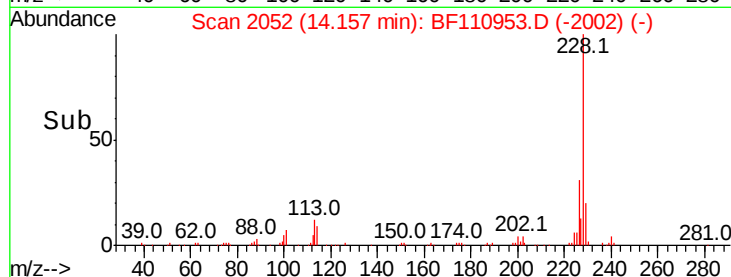
229 20.3 15.9 23.9



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: 10.550 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

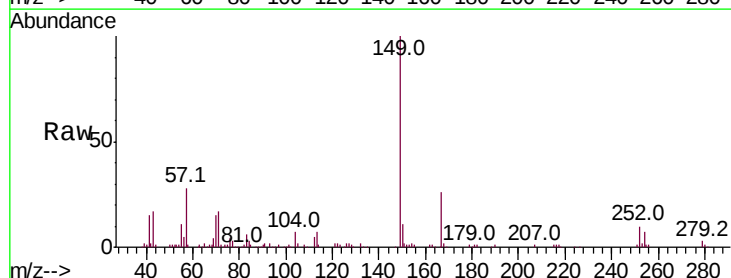
Tgt Ion:149 Resp: 102837

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

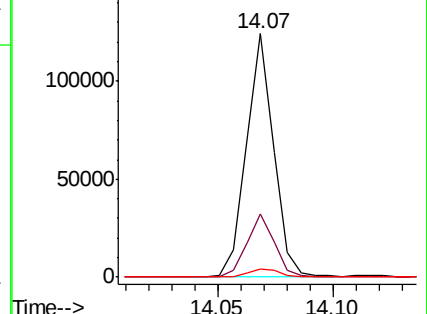
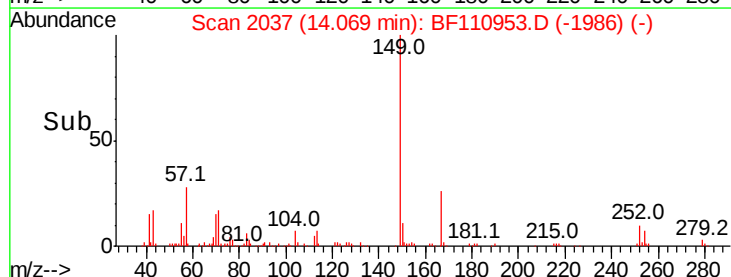
279 3.4 2.7 4.1

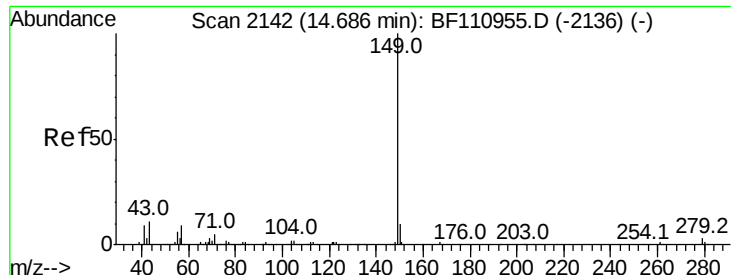


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

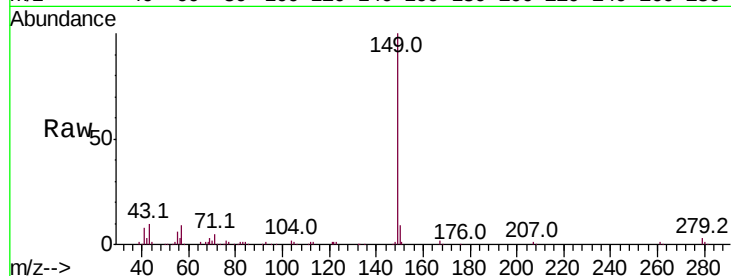




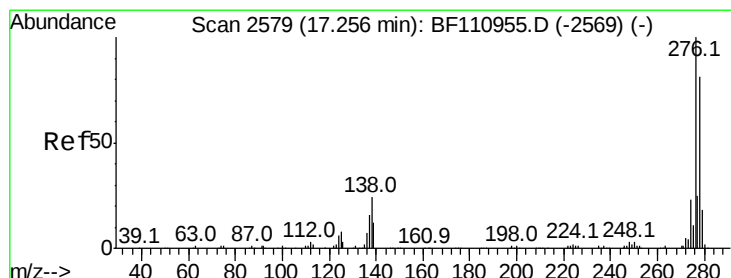
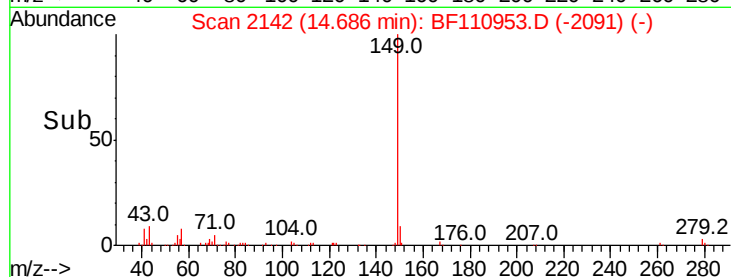
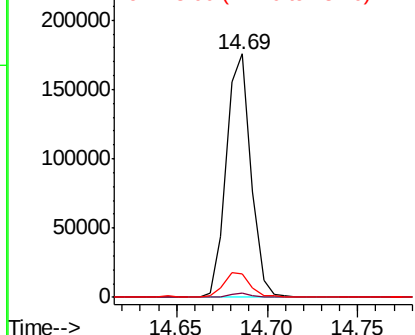
#85
Di-n-octyl phthalate
Concen: 11.574 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 165912
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.1 7.8 11.8

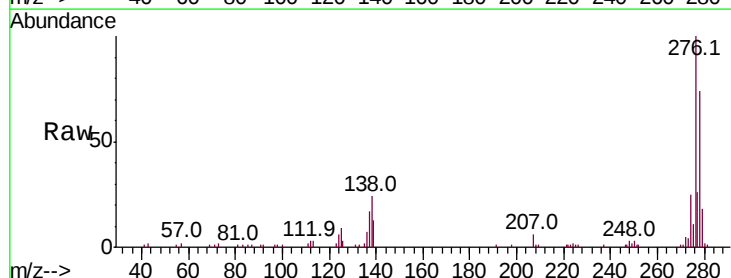


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

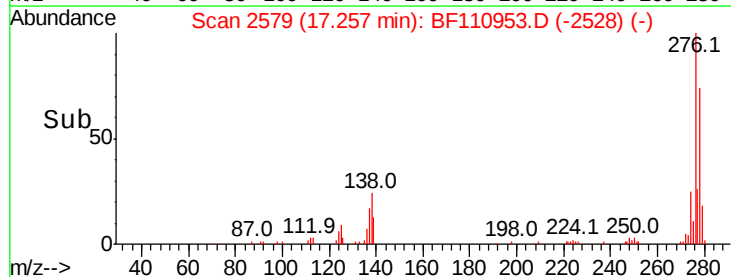
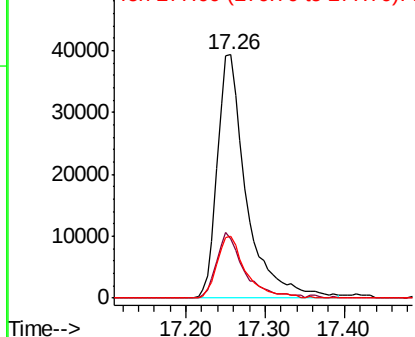


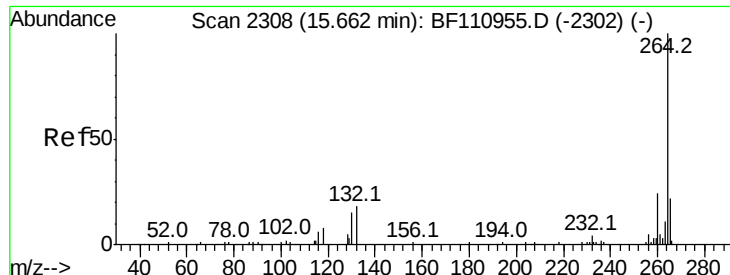
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.348 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:276 Resp: 100265
Ion Ratio Lower Upper
276 100
138 25.4 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# 2308

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA_F

ClientSampleId :

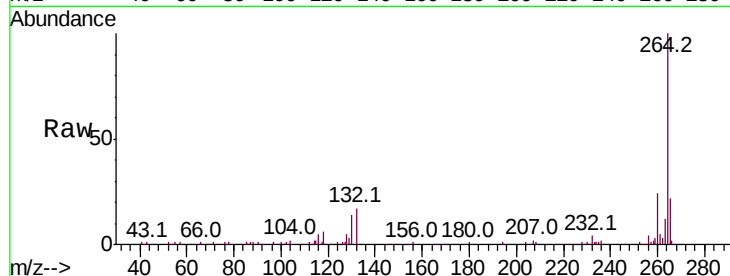
Tot Ion:264 Resp: 199890

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

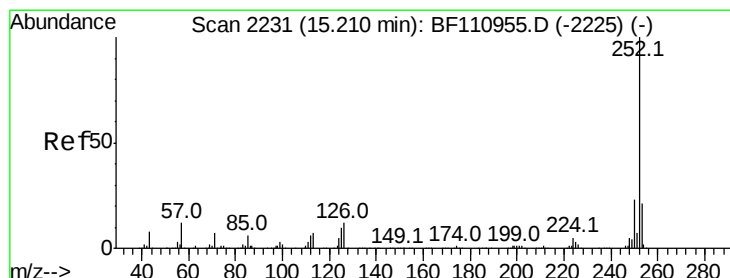
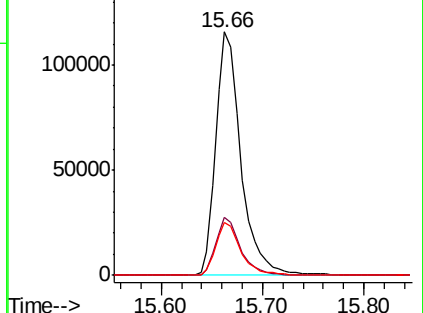
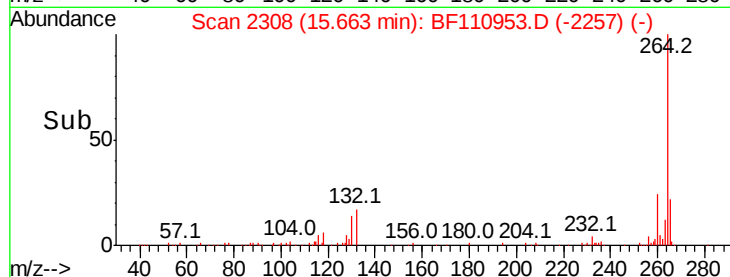
265 21.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.564 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

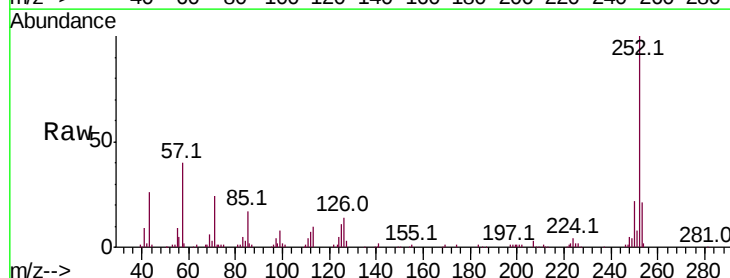
Tgt Ion:252 Resp: 114366

Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

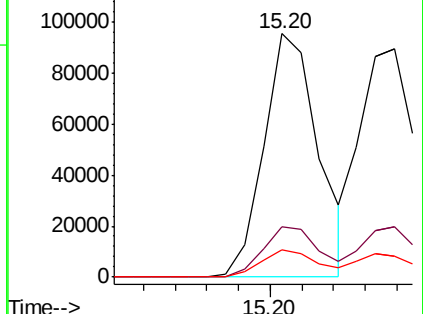
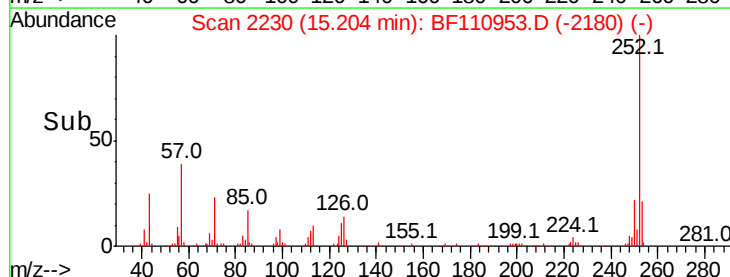
125 11.2 8.2 12.4

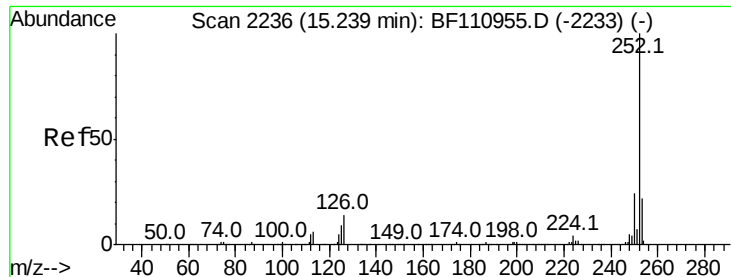


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

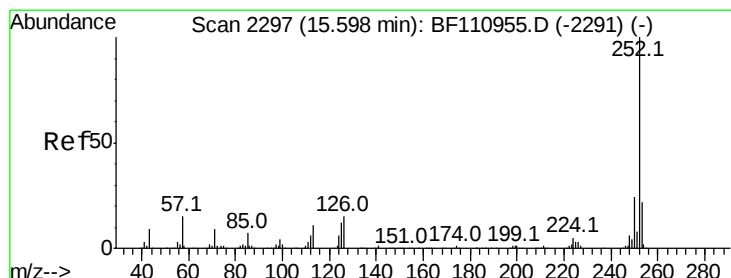
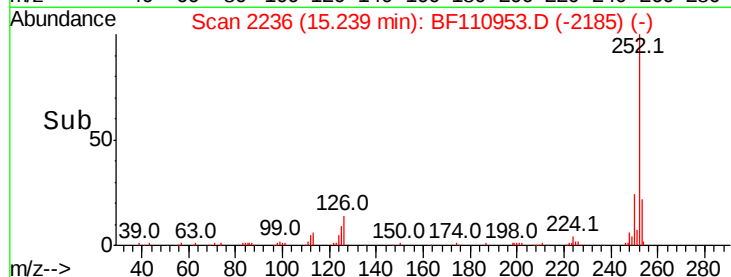
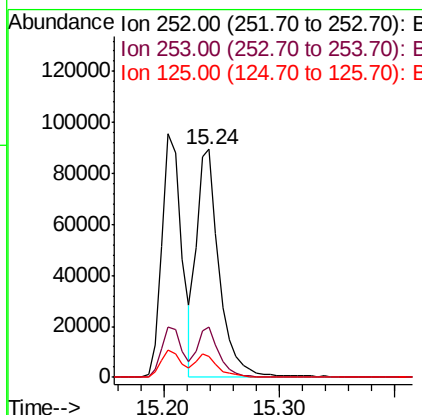
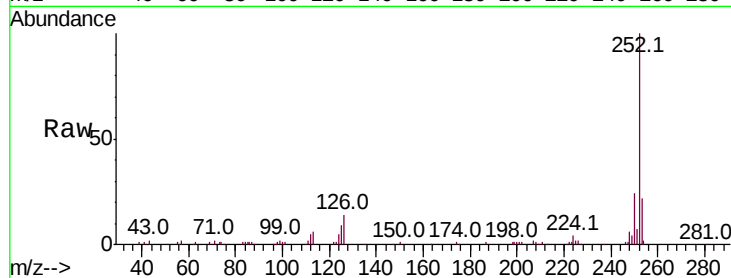




#89
Benzo(k)fluoranthene
Concen: 10.468 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

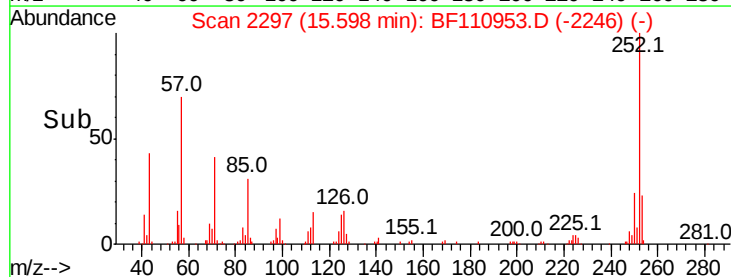
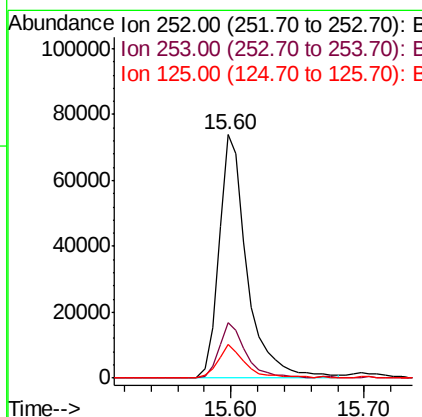
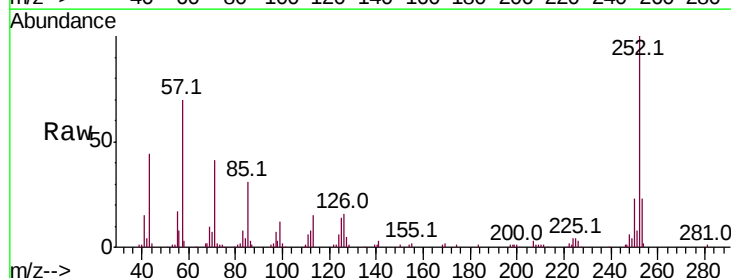
Instrument :
BNA_F
ClientSampleId :

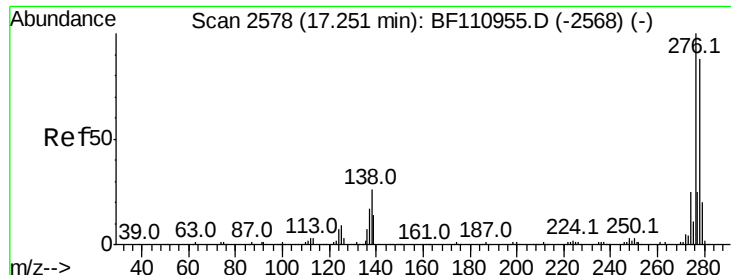
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.1	7.4	11.0



#90
Benzo(a)pyrene
Concen: 10.017 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	13.8	9.0	13.6



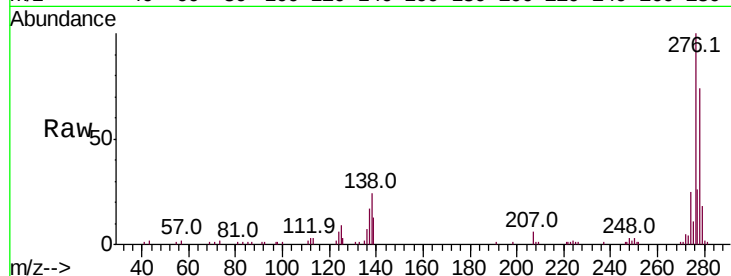


#91
Dibenzo(a,h)anthracene
Concen: 9.080 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

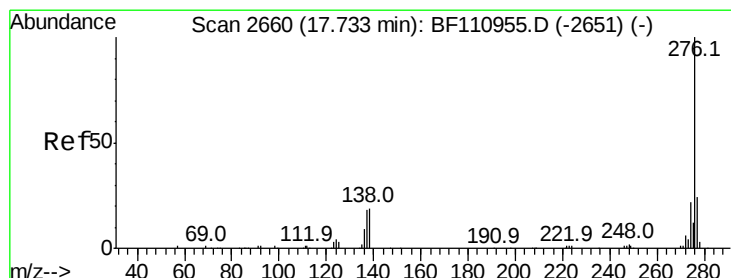
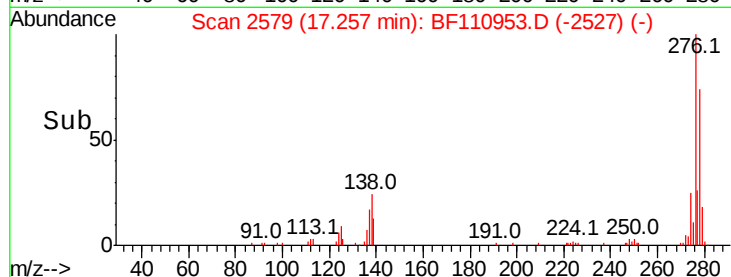
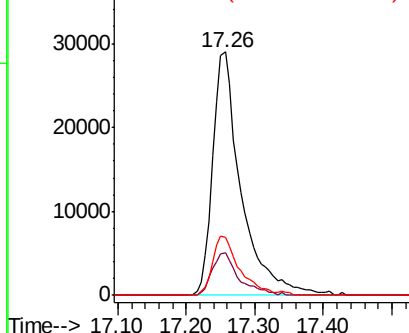
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 83484

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.7	19.1
279	23.8	19.0	28.4



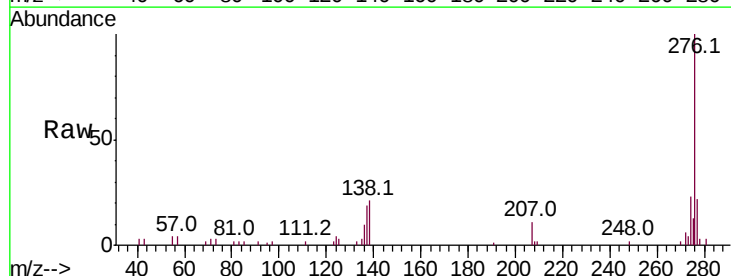
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.548 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110953.D
Acq: 26 Nov 2018 10:04

Tgt Ion:276 Resp: 77981

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.8	28.2
138	21.2	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

