

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110952.D
 Acq On : 26 Nov 2018 9:37
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 11:33:13 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	6.94	152	61874	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	277755	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	138203	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	284090	20.00	ng	0.00
76) Chrysene-d12	14.13	240	250797	20.00	ng	0.00
87) Perylene-d12	15.66	264	211235	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	16421	4.31	ng	0.05
7) Phenol-d6	6.58	99	25055	5.14	ng	0.01
23) Nitrobenzene-d5	7.52	82	24143	5.01	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	7033	5.05	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	53987	5.58	ng	0.00
79) Terphenyl-d14	13.06	244	66176	4.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	4102	2.161	ng	98
3) Pyridine	3.73	79	2090	0.510	ng	# 90
4) n-Nitrosodimethylamine	3.67	42	821	0.467	ng	# 75
6) Aniline	6.62	93	14081	2.217	ng	# 68
8) 2-Chlorophenol	6.73	128	10859	2.432	ng	93
9) Benzaldehyde	6.53	77	8792	3.181	ng	97
10) Phenol	6.60	94	12397	2.195	ng	# 72
11) bis(2-Chloroethyl)ether	6.67	93	10788	2.549	ng	93
12) 1,3-Dichlorobenzene	6.88	146	12472	2.553	ng	99
13) 1,4-Dichlorobenzene	6.96	146	13119	2.644	ng	98
14) 1,2-Dichlorobenzene	7.11	146	12567	2.723	ng	99
15) Benzyl Alcohol	7.12	79	9142	2.398	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.21	45	17481	2.630	ng	93
17) 2-Methylphenol	7.20	107	9070	2.552	ng	94
18) Hexachloroethane	7.44	117	4742	2.589	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	7766	2.498	ng	97
20) 3+4-Methylphenols	7.38	107	12702	2.784	ng	# 81
22) Acetophenone	7.36	105	16621	2.568	ng	# 96
24) Nitrobenzene	7.53	77	13706	2.774	ng	99
25) Isophorone	7.76	82	19866	2.513	ng	98
26) 2-Nitrophenol	7.86	139	5350	2.170	ng	97
27) 2,4-Dimethylphenol	7.90	122	9005	2.399	ng	91
28) bis(2-Chloroethoxy)methane	7.98	93	13444	2.512	ng	96
29) 2,4-Dichlorophenol	8.14	162	9052	2.343	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	10751	2.468	ng	93
31) Naphthalene	8.24	128	34493	2.645	ng	98
32) Benzoic acid	8.03	122	2017	0.759	ng	# 82
33) 4-Chloroaniline	8.33	127	12882	2.181	ng	96
34) Hexachlorobutadiene	8.35	225	6095	2.450	ng	95
35) Caprolactam	8.66	113	2668	2.067	ng	# 67
36) 4-Chloro-3-methylphenol	8.80	107	10408	2.498	ng	93
37) 2-Methylnaphthalene	8.95	142	22444	2.626	ng	99
38) 1-Methylnaphthalene	9.04	142	23120	2.812	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	10945	2.502	ng	98

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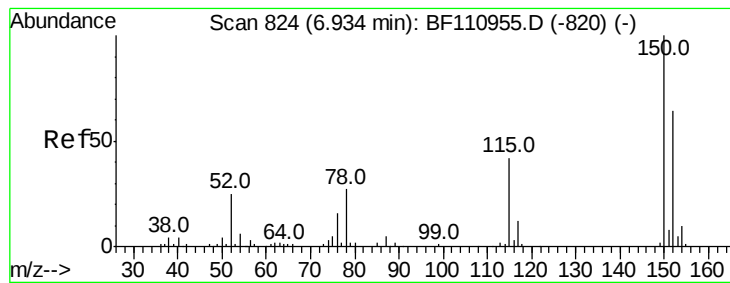
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	9.23	196	5789	2.106	ng	93
44) 2,4,5-Trichlorophenol	9.23	196	5789	1.974	ng	# 87
46) 1,1'-Biphenyl	9.40	154	33953	2.634	ng	97
47) 2-Chloronaphthalene	9.43	162	24344	2.621	ng	99
48) 2-Nitroaniline	9.55	65	7048	2.462	ng	95
49) Acenaphthylene	9.85	152	35271	2.637	ng	100
50) Dimethylphthalate	9.69	163	27987	2.714	ng	98
51) 2,6-Dinitrotoluene	9.77	165	5439	2.398	ng	96
52) Acenaphthene	10.01	154	22581	2.671	ng	96
53) 3-Nitroaniline	9.97	138	6319	2.404	ng	# 85
55) Dibenzofuran	10.19	168	34614	2.799	ng	97
56) 4-Nitrophenol	10.19	139	15783	9.052	ng	# 13
57) 2,4-Dinitrotoluene	10.20	165	7370	2.499	ng	# 94
58) Fluorene	10.53	166	25694	2.705	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	5509	2.388	ng	# 99
60) Diethylphthalate	10.39	149	28335	2.777	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	13480	2.741	ng	96
62) 4-Nitroaniline	10.58	138	5849	2.210	ng	98
63) Azobenzene	10.68	77	27207	2.733	ng	96
65) 4,6-Dinitro-2-methylphenol	10.63	198	1034	0.722	ng	# 1
66) n-Nitrosodiphenylamine	10.64	169	24136	2.521	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	7900	2.516	ng	91
68) Hexachlorobenzene	11.09	284	8599	2.598	ng	92
69) Atrazine	11.16	200	7844	2.679	ng	96
70) Pentachlorophenol	11.31	266	1322	0.748	ng	95
71) Phenanthrene	11.50	178	40663	2.672	ng	100
72) Anthracene	11.56	178	41153	2.680	ng	98
73) Carbazole	11.73	167	38997	2.645	ng	98
74) Di-n-butylphthalate	12.02	149	45863	2.652	ng	98
75) Fluoranthene	12.70	202	42084	2.758	ng	98
77) Benzidine	12.83	184	22331	3.238	ng	99
78) Pyrene	12.93	202	43370	2.246	ng	99
80) Butylbenzylphthalate	13.52	149	19172	2.307	ng	96
81) Benzo(a)anthracene	14.12	228	36970	2.466	ng	96
82) 3,3'-Dichlorobenzidine	14.09	252	13665	2.721	ng	99
83) Chrysene	14.16	228	38238	2.677	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	25994	2.521	ng	97
85) Di-n-octyl phthalate	14.69	149	43081	2.841	ng	# 93
86) Indeno(1,2,3-cd)pyrene	17.28	276	28423	2.773	ng	97
88) Benzo(b)fluoranthene	15.24	252	32966	2.609	ng	98
89) Benzo(k)fluoranthene	15.24	252	32966	2.640	ng	98
90) Benzo(a)pyrene	15.60	252	30319	2.641	ng	# 87
91) Dibenzo(a,h)anthracene	17.27	278	23149	2.383	ng	96
92) Benzo(g,h,i)perylene	17.77	276	21208	2.200	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

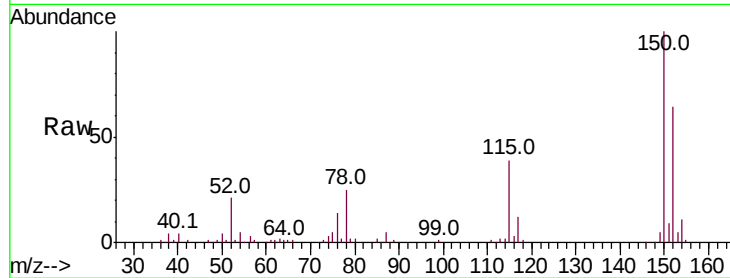
Tot Ion:152 Resp: 61874

Ion Ratio Lower Upper

152 100

150 156.7 122.7 184.1

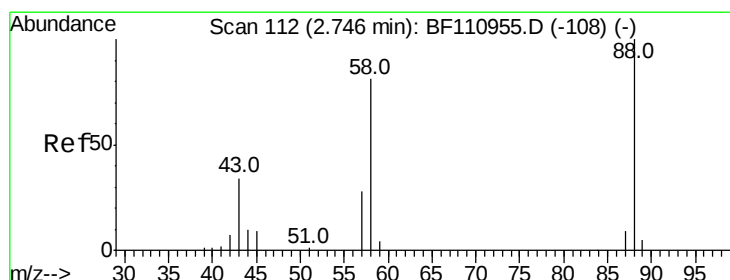
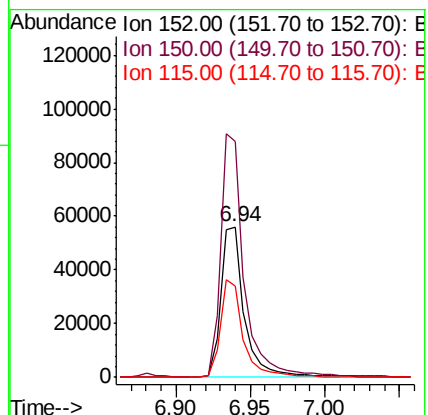
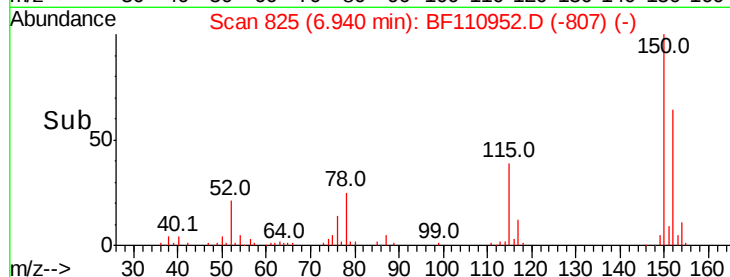
115 61.2 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.161 ng

RT: 2.78 min Scan# 117

Delta R.T. 0.03 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

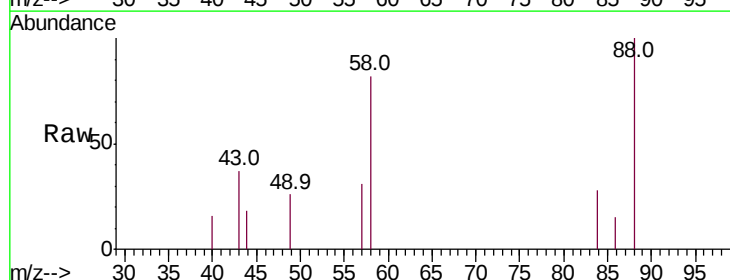
Tgt Ion: 88 Resp: 4102

Ion Ratio Lower Upper

88 100

58 69.5 57.1 85.7

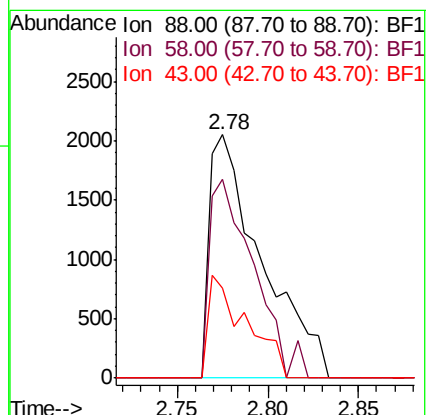
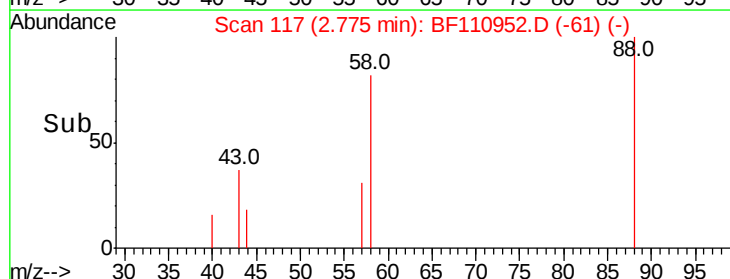
43 31.1 24.1 36.1

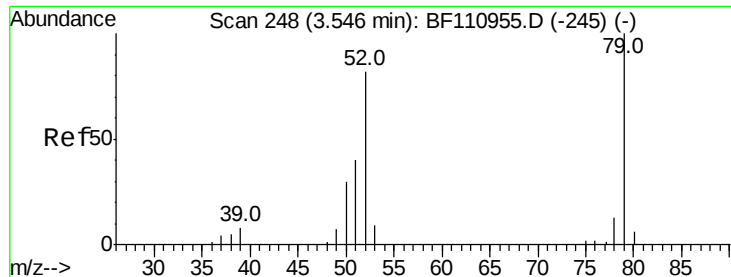


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

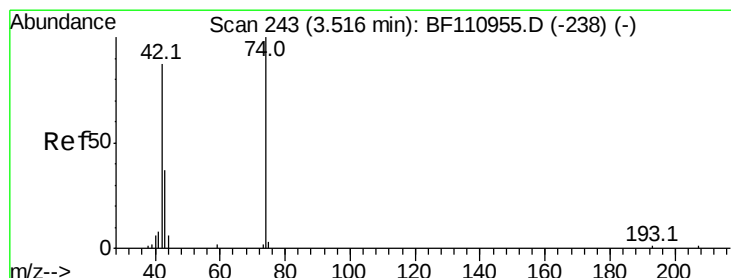
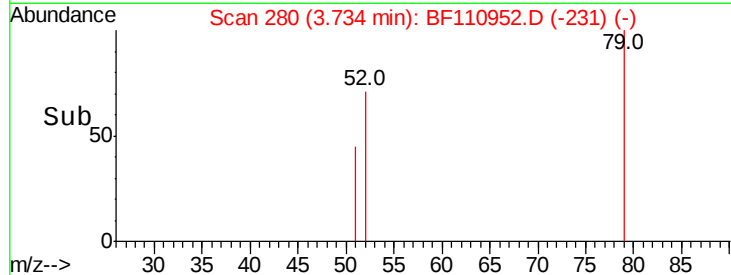
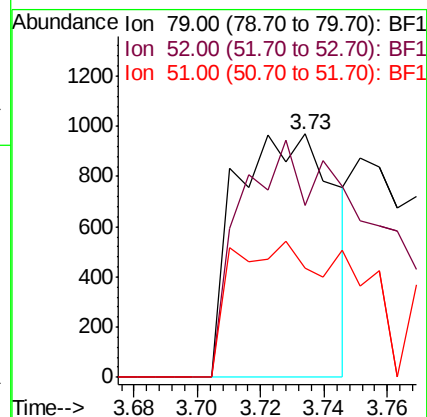
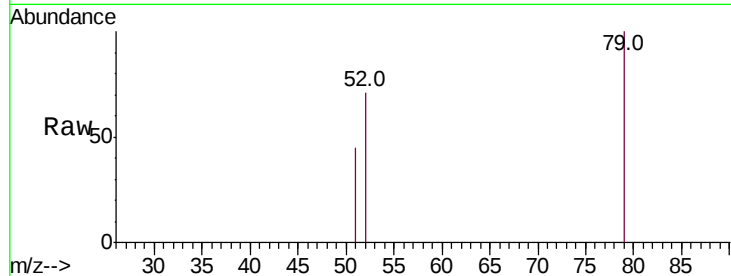




#3
 Pvridine
 Concen: 0.510 ng
 RT: 3.73 min Scan# 280
 Delta R.T. 0.19 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

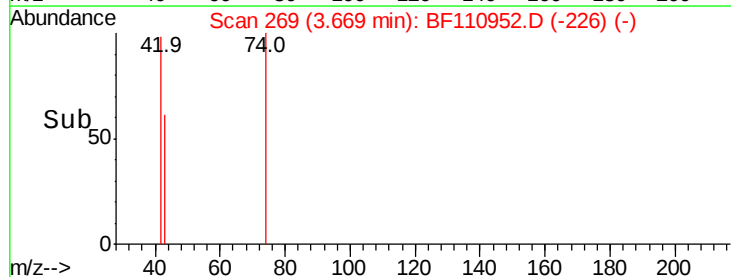
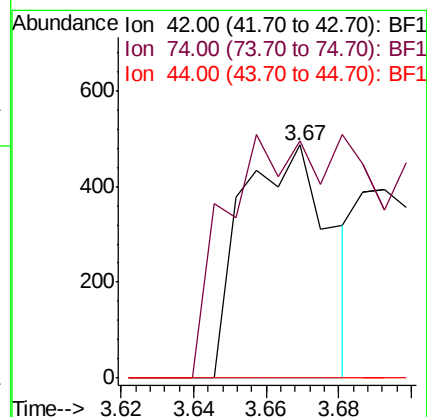
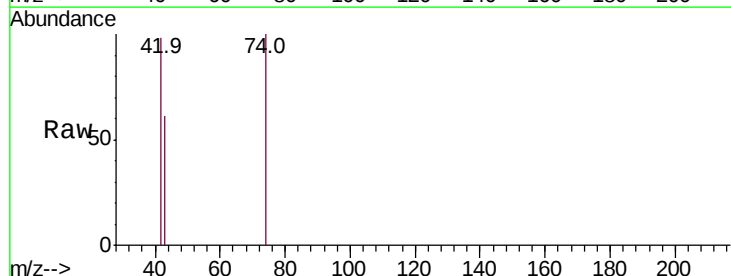
Instrument :
 BNA_F
 ClientSampleId :

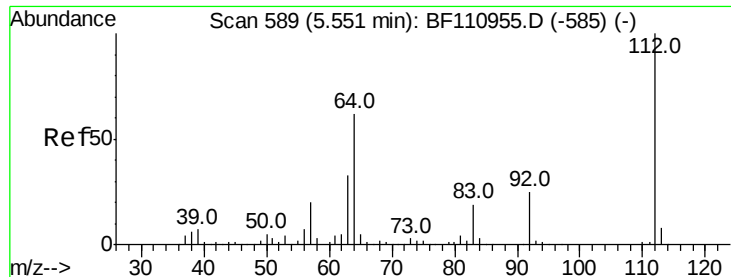
Tot Ion: 79 Resp: 2090
 Ion Ratio Lower Upper
 79 100
 52 70.8 53.1 79.7
 51 44.6 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.467 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.15 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion: 42 Resp: 821
 Ion Ratio Lower Upper
 42 100
 74 102.1 105.5 158.3#
 44 0.0 4.9 7.3#

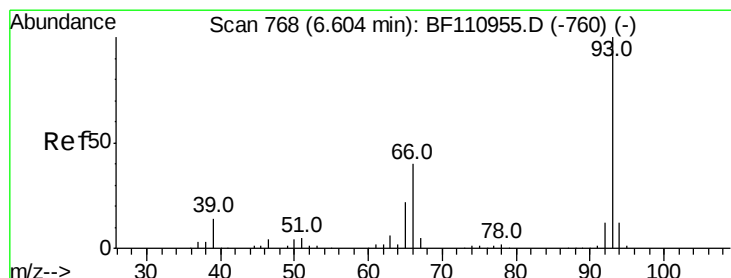
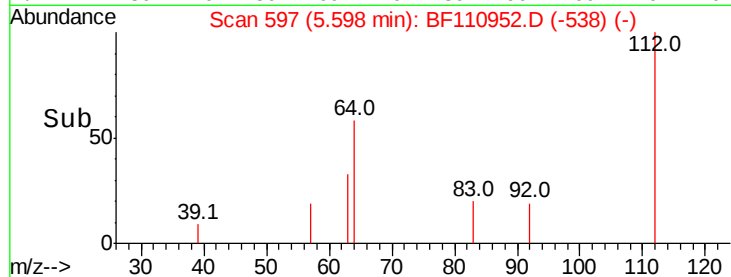
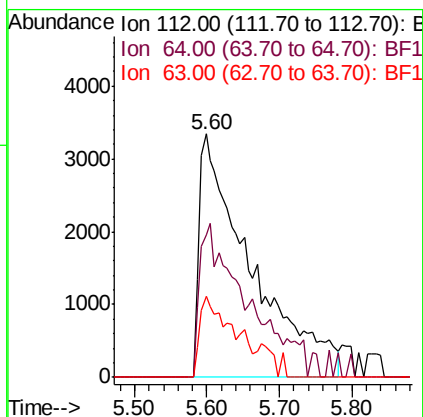
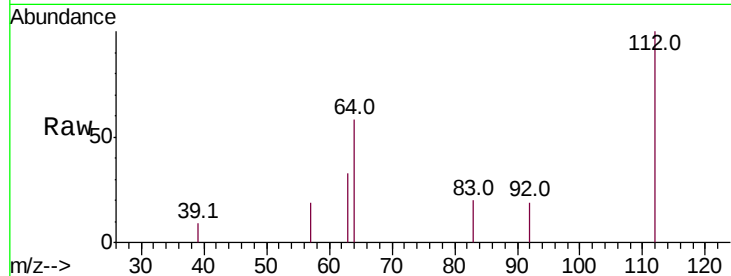




#5
 2-Fluorophenol
 Concen: 4.311 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.05 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

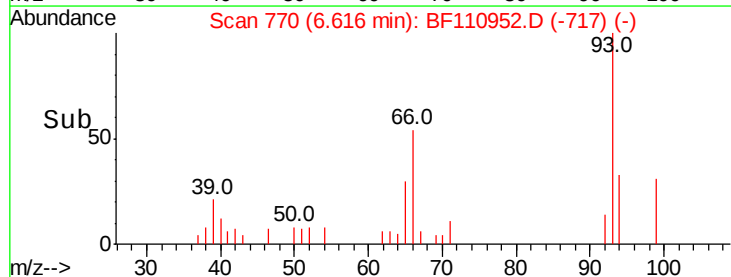
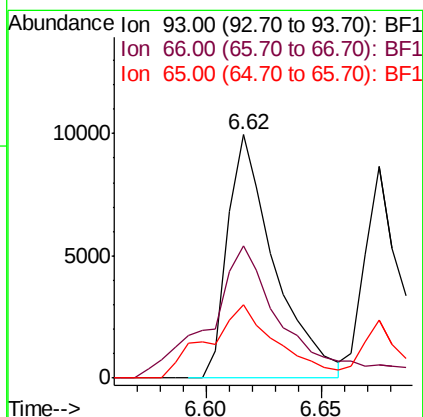
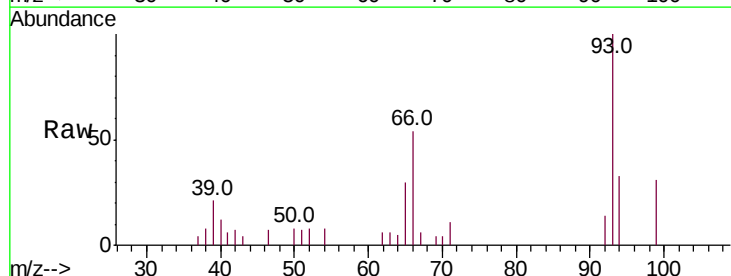
Instrument :
 BNA_F
 ClientSampled :

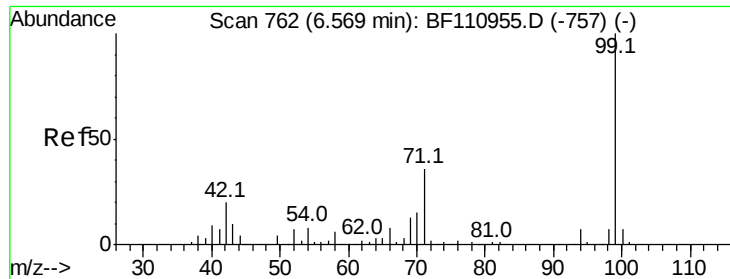
Tot Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	33.3	23.7	35.5



#6
 Aniline
 Concen: 2.217 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
93	100		
66	54.4	67.4	101.0#
65	30.3	41.0	61.4#





#7

Phenol-d6

Concen: 5.144 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampled :

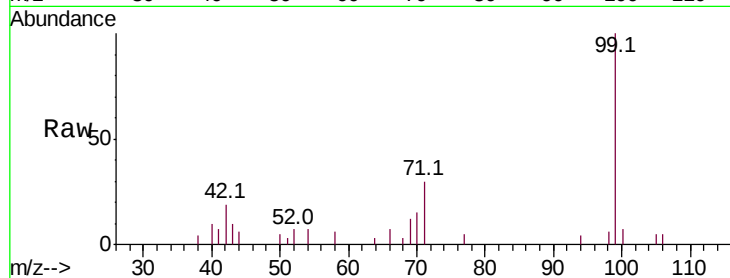
Tot Ion: 99 Resp: 25055

Ion Ratio Lower Upper

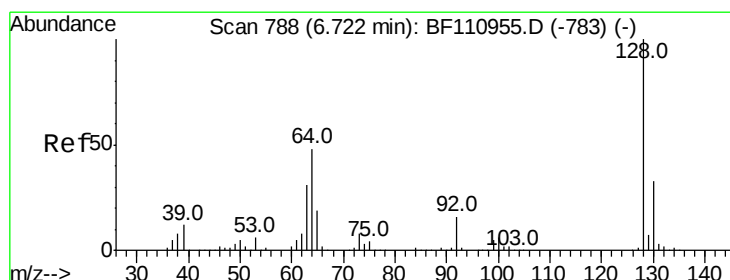
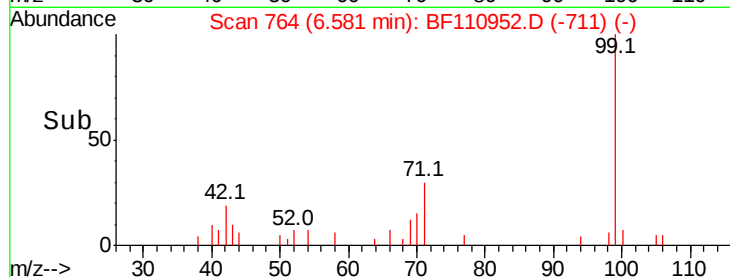
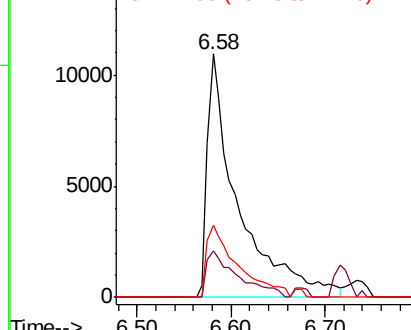
99 100

42 19.3 15.8 23.6

71 29.5 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: 2.432 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

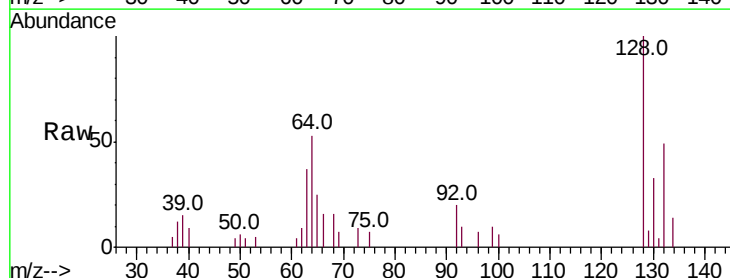
Tgt Ion: 128 Resp: 10859

Ion Ratio Lower Upper

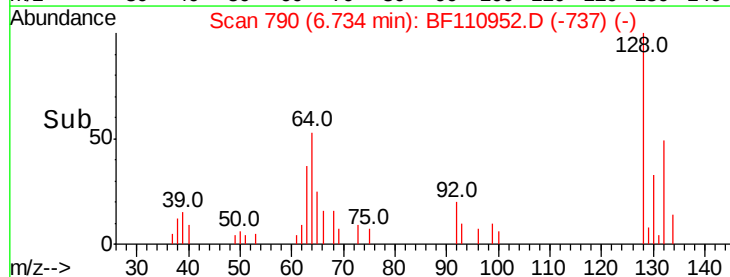
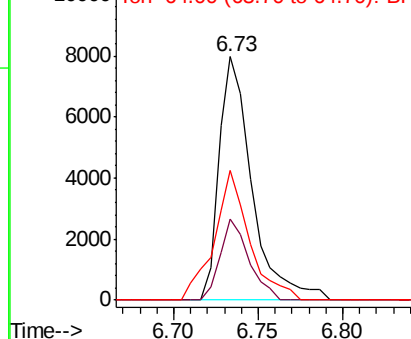
128 100

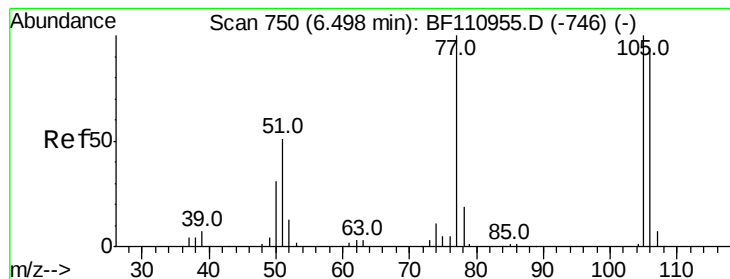
130 33.2 13.1 53.1

64 53.4 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: 3.181 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.03 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampled :

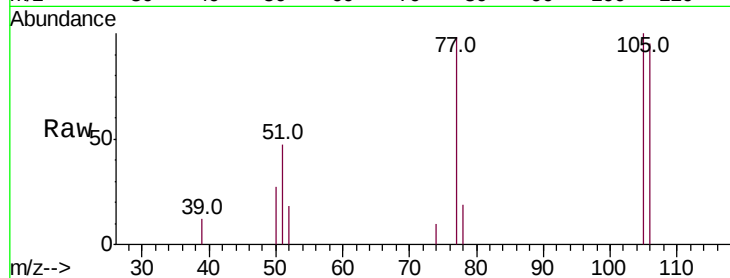
Tot Ion: 77 Resp: 8792

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

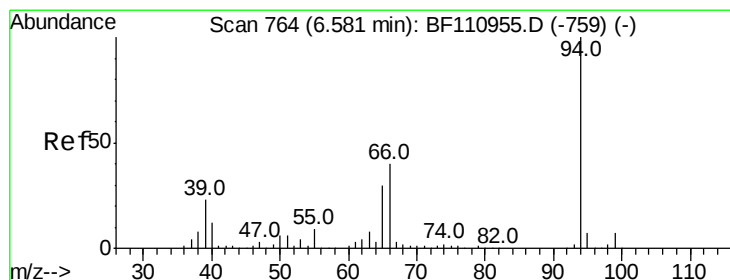
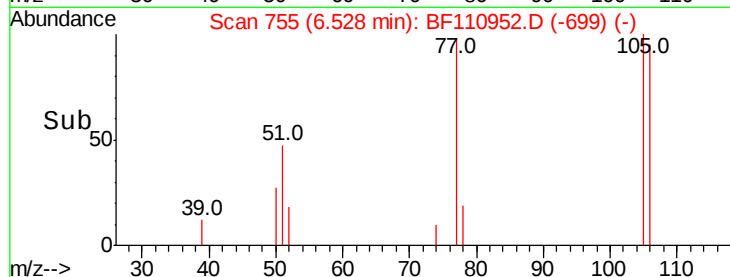
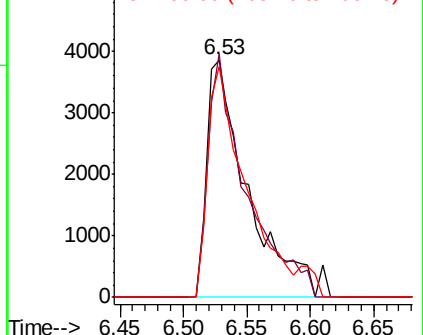
106 96.9 74.8 114.8



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: 2.195 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

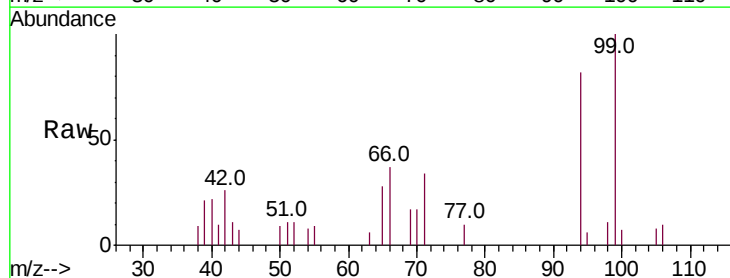
Tgt Ion: 94 Resp: 12397

Ion Ratio Lower Upper

94 100

65 33.8 25.3 65.3

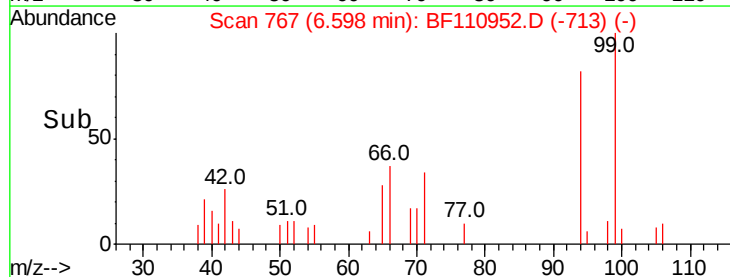
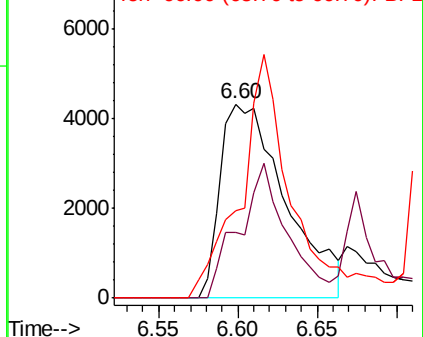
66 45.0 54.5 94.5#

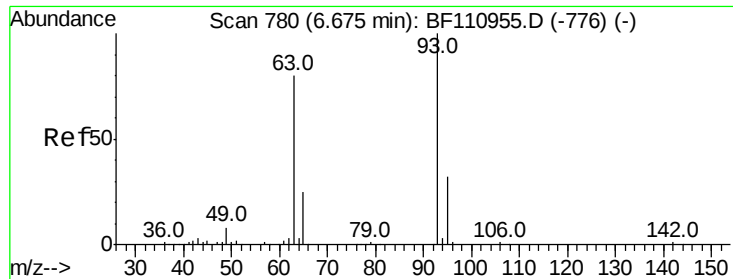


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



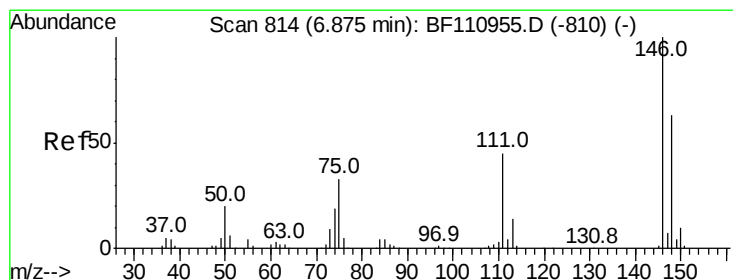
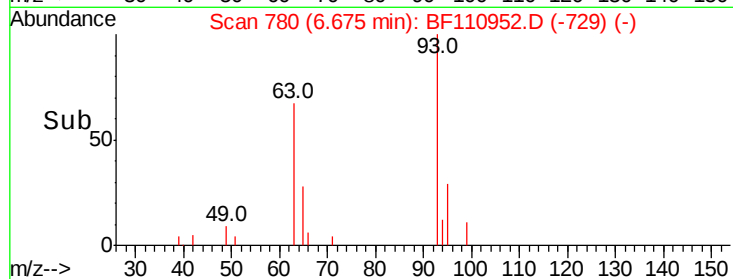
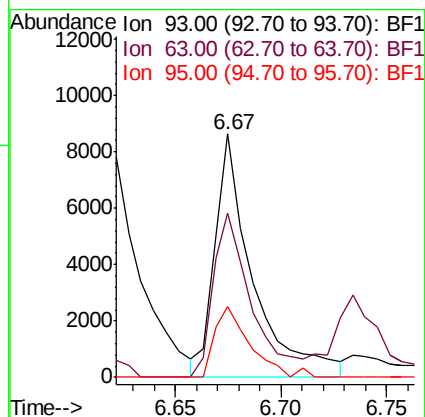
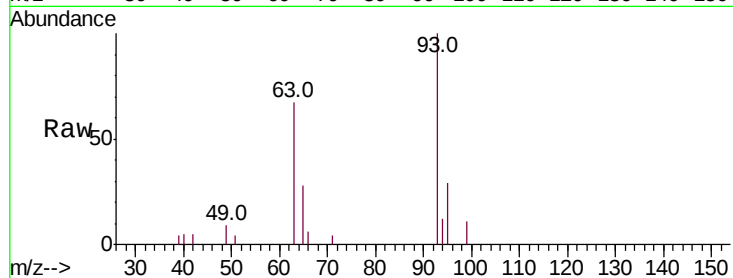


#11
bis(2-Chloroethyl)ether
Concen: 2.549 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 10788

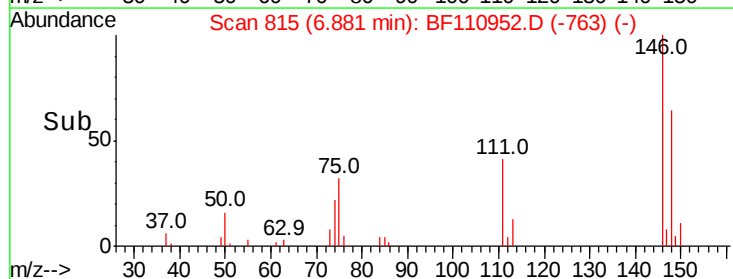
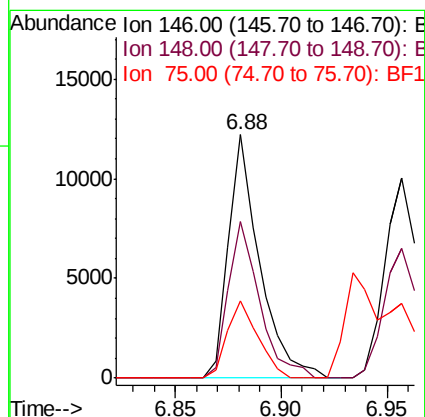
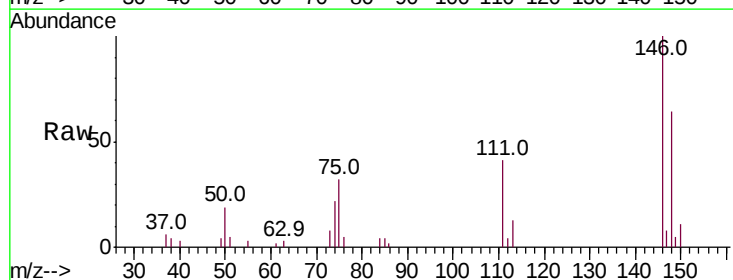
Ion	Ratio	Lower	Upper
93	100		
63	67.5	53.4	93.4
95	29.1	12.1	52.1

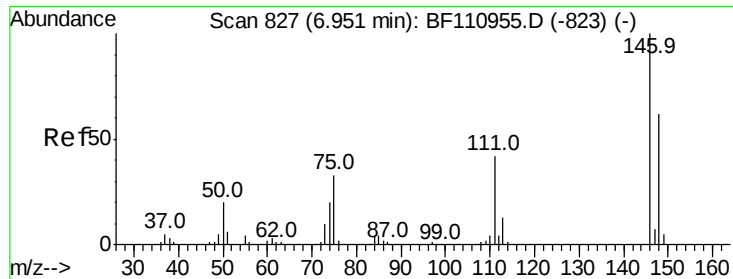


#12
1,3-Dichlorobenzene
Concen: 2.553 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion: 146 Resp: 12472

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
75	31.7	25.8	38.6

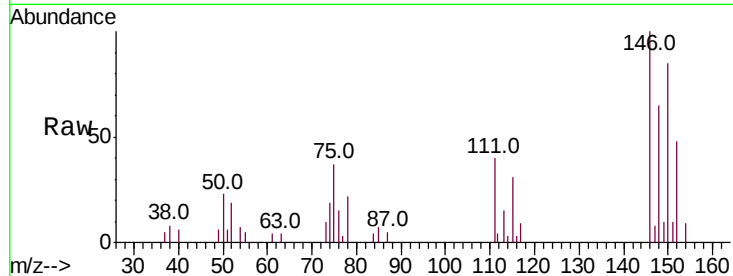




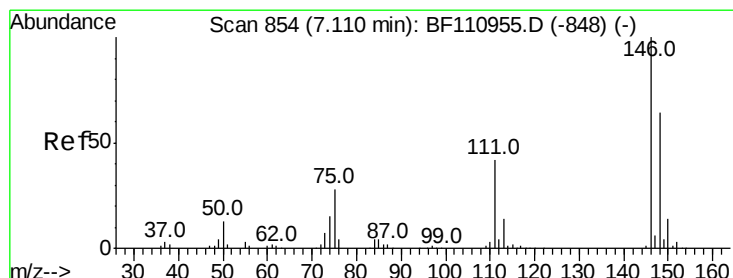
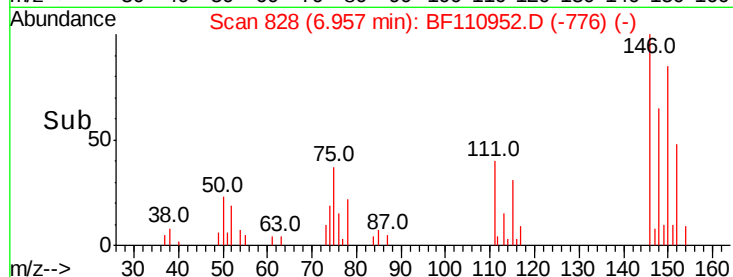
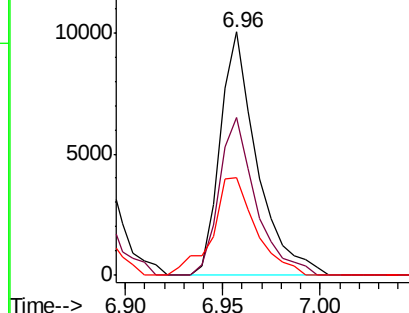
#13
 1,4-Dichlorobenzene
 Concen: 2.644 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 13119
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 40.3 32.7 49.1

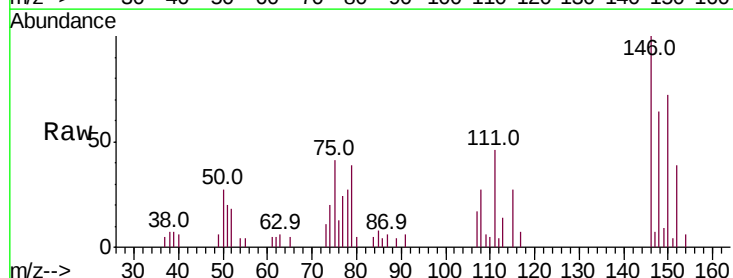


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

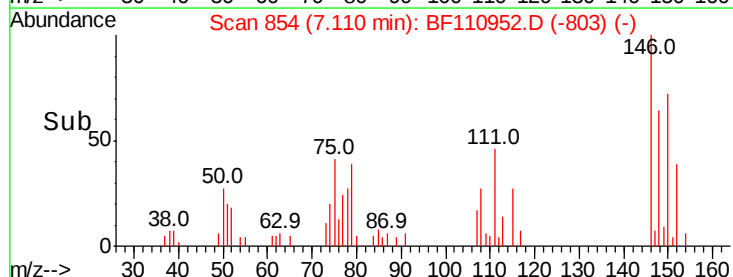
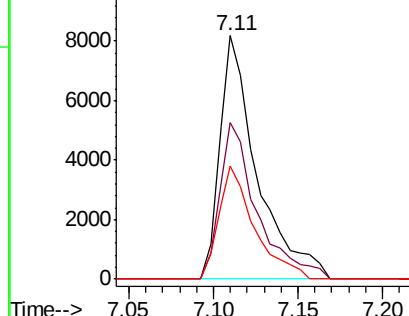


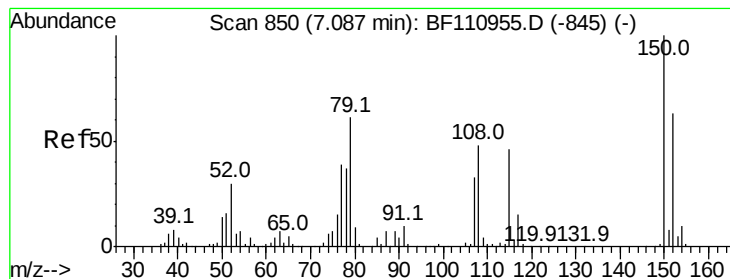
#14
 1,2-Dichlorobenzene
 Concen: 2.723 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:146 Resp: 12567
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 46.2 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 2.398 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.03 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampled :

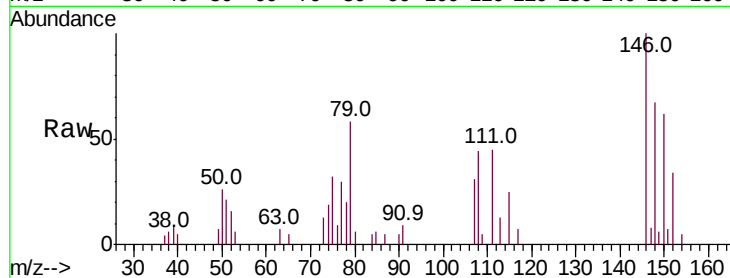
Tot Ion: 79 Resp: 9142

Ion Ratio Lower Upper

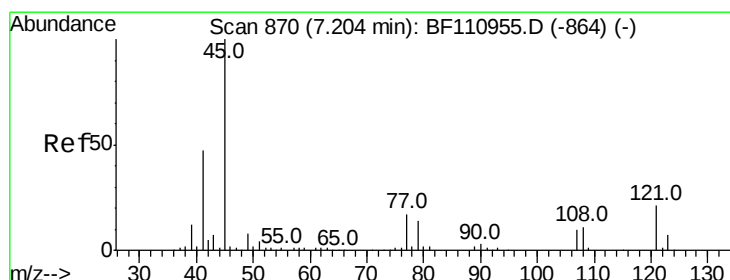
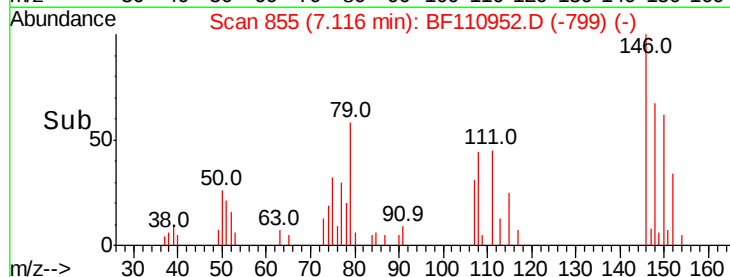
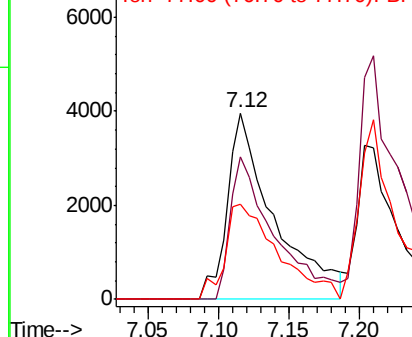
79 100

108 76.2 56.3 84.5

77 51.3 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: 2.630 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

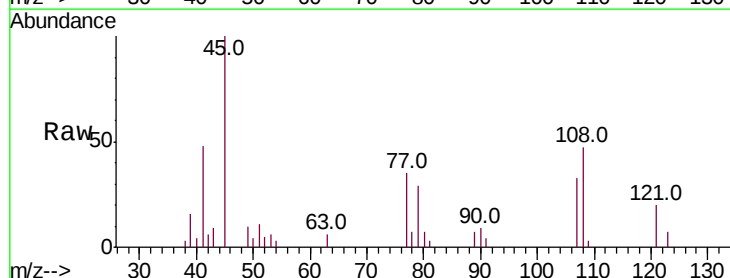
Tgt Ion: 45 Resp: 17481

Ion Ratio Lower Upper

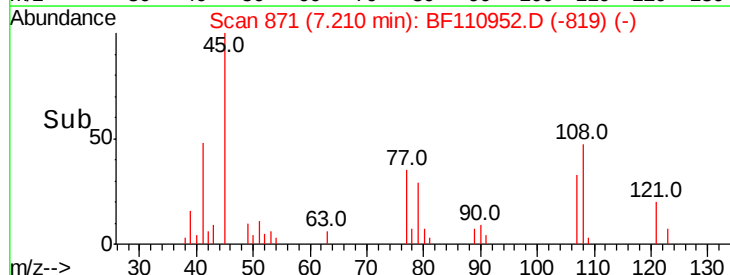
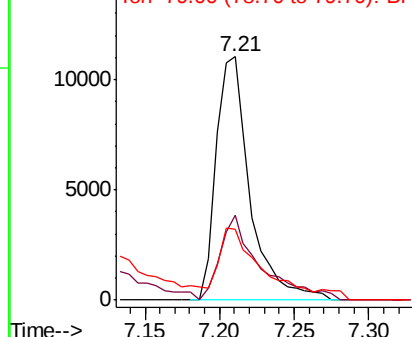
45 100

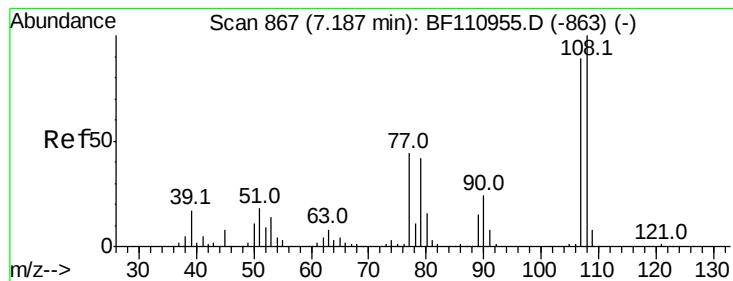
77 34.7 10.0 50.0

79 29.1 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

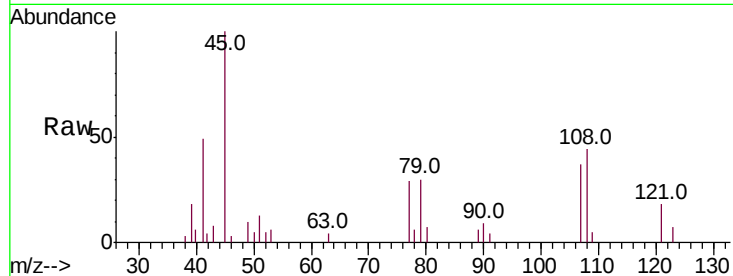




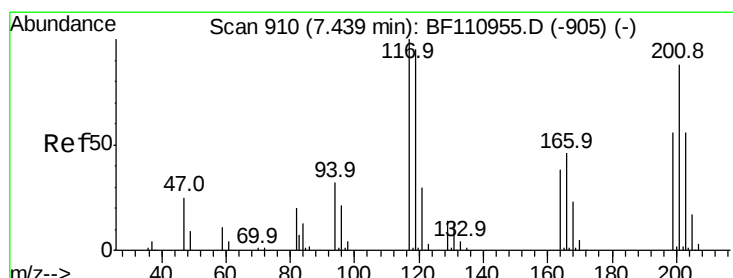
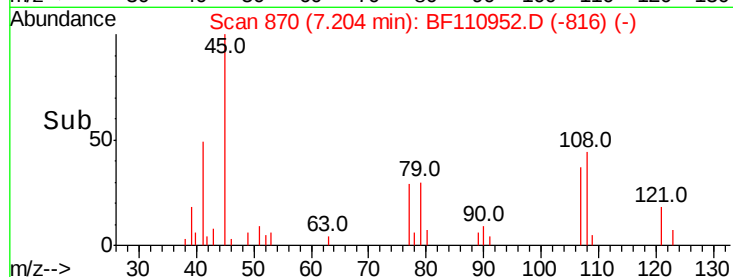
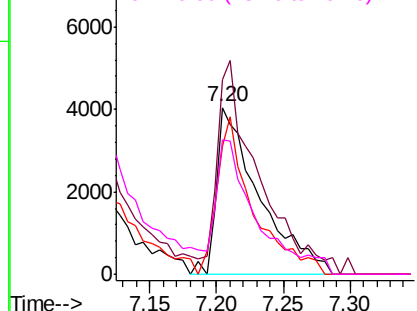
#17
2-Methylphenol
Concen: 2.552 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 9070
Ion Ratio Lower Upper
107 100
108 116.5 92.6 138.8
77 76.9 59.4 89.2
79 80.8 54.0 81.0

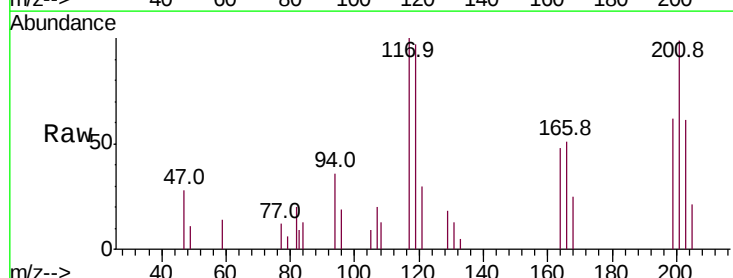


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

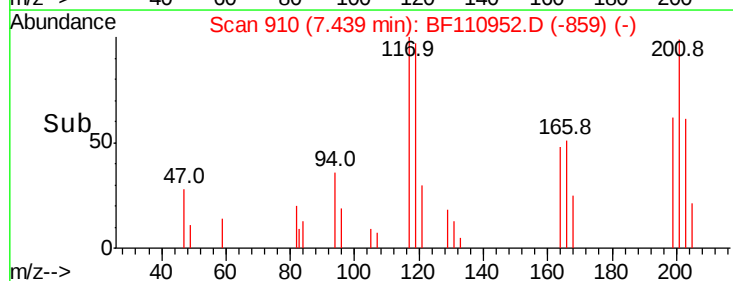
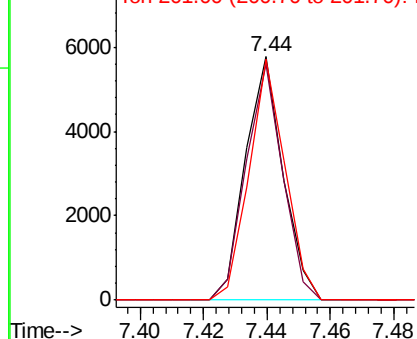


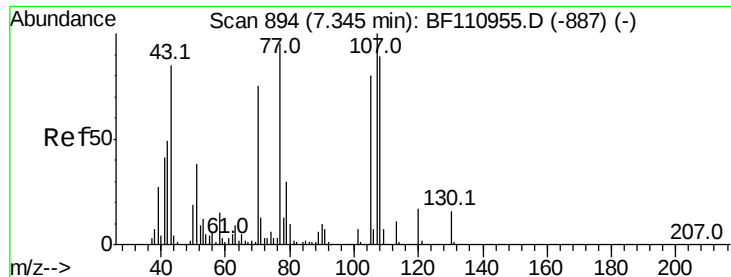
#18
Hexachloroethane
Concen: 2.589 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:117 Resp: 4742
Ion Ratio Lower Upper
117 100
119 96.9 75.0 112.6
201 98.8 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

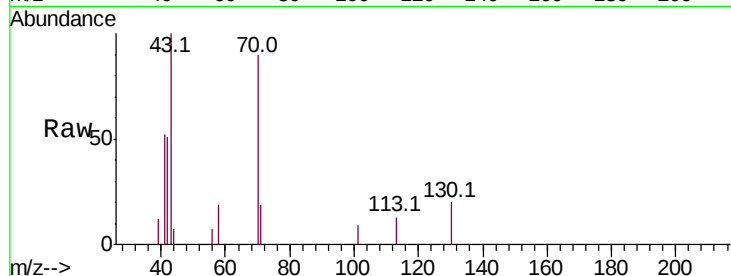




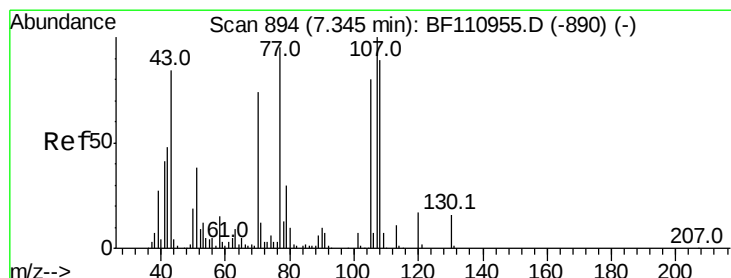
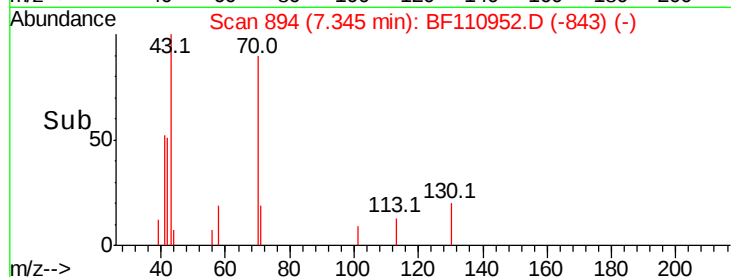
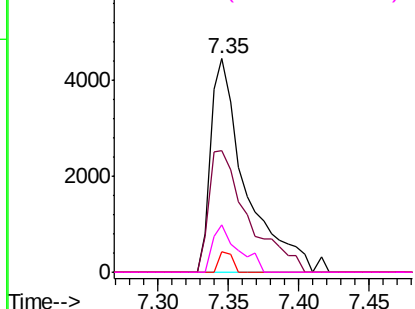
#19
n-Nitroso-di-n-propylamine
Concen: 2.498 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 7766
Ion Ratio Lower Upper
70 100
42 57.0 47.4 71.2
101 9.5 7.3 10.9
130 22.4 16.2 24.2



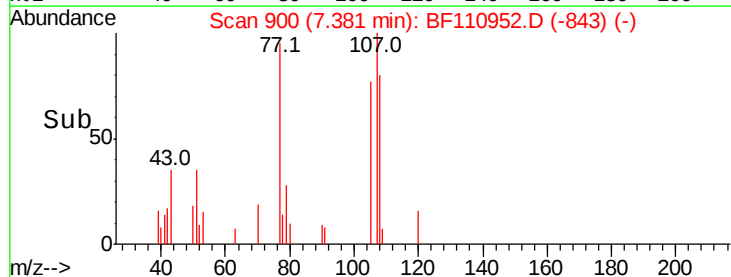
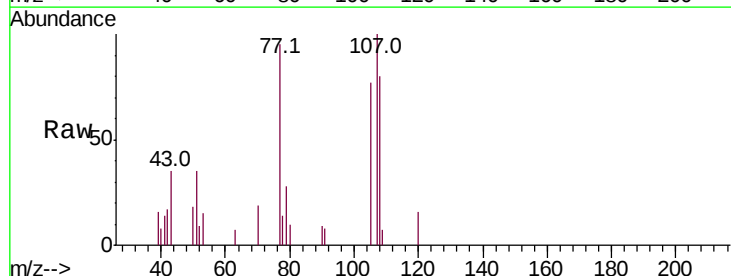
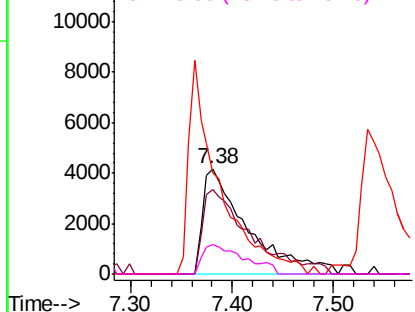
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

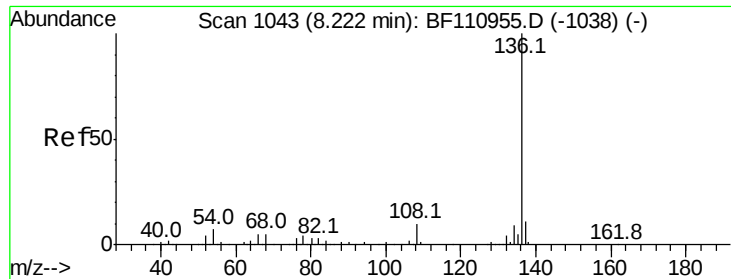


#20
3+4-Methylphenols
Concen: 2.784 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.04 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion: 107 Resp: 12702
Ion Ratio Lower Upper
107 100
108 79.9 71.4 111.4
77 95.3 47.3 87.3#
79 27.6 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

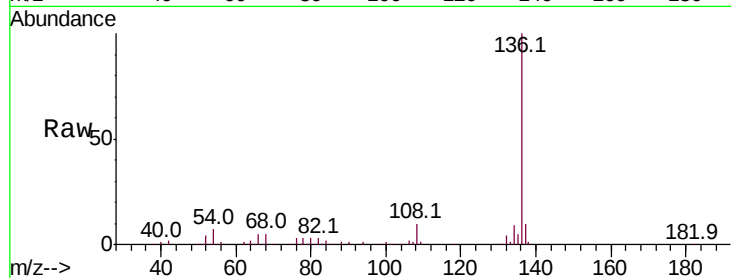




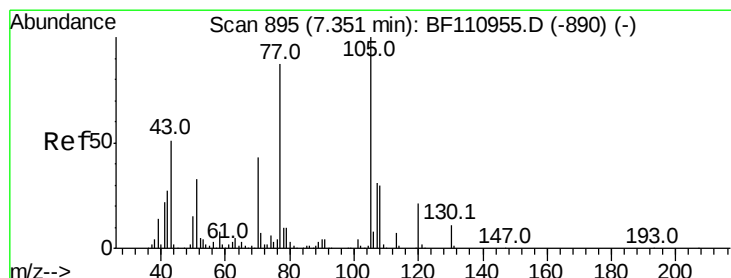
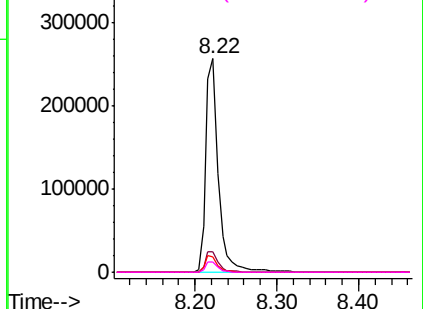
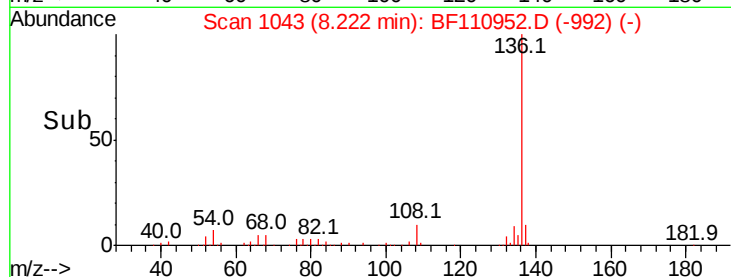
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	277755
Ion Ratio	Lower	Upper
136	100	
137	9.8	8.8 13.2
54	7.2	5.4 8.2
68	4.7	4.2 6.2

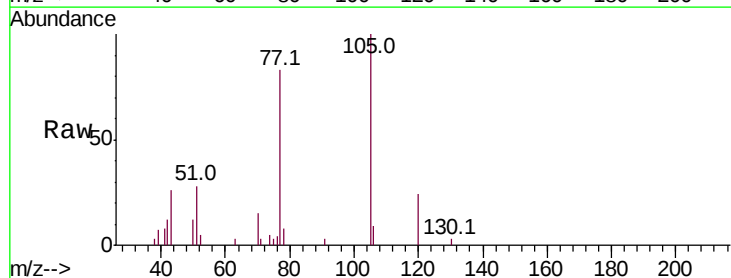


Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

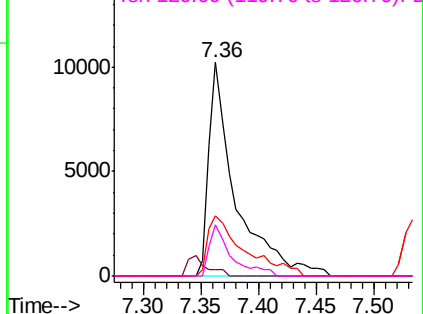
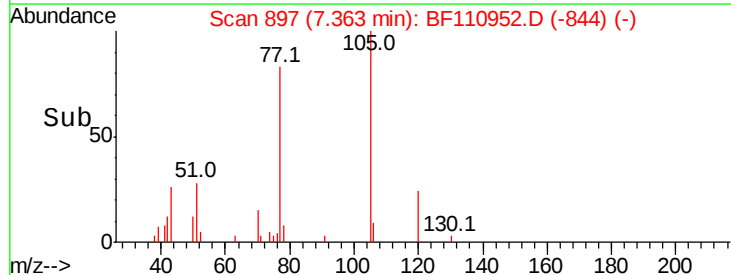


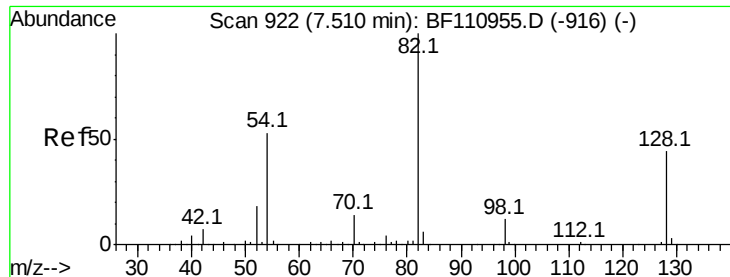
#22
Acetophenone
Concen: 2.568 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:105	Resp:	16621
Ion Ratio	Lower	Upper
105	100	
71	3.1	5.2 7.8#
51	27.9	21.8 32.8
120	23.7	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
15000
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

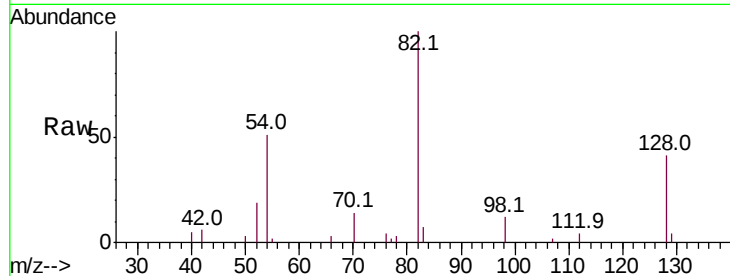




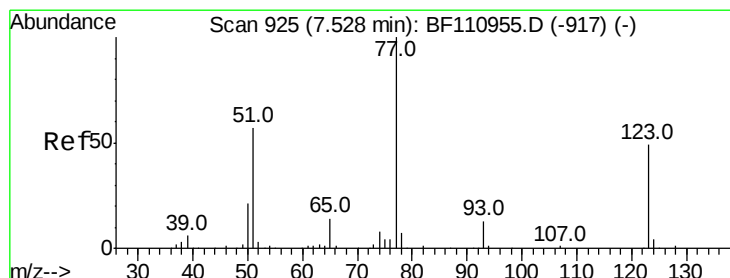
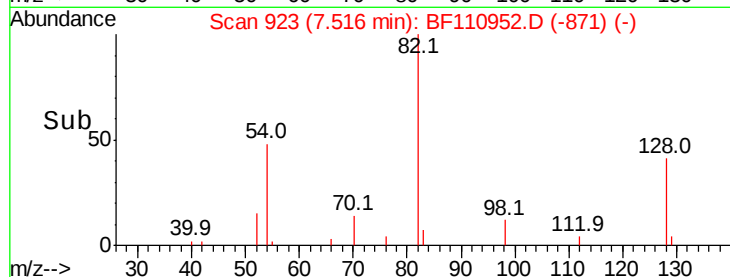
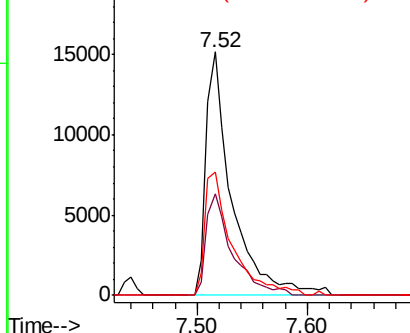
#23
Nitrobenzene-d5
Concen: 5.006 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 24143
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 50.5 38.6 58.0

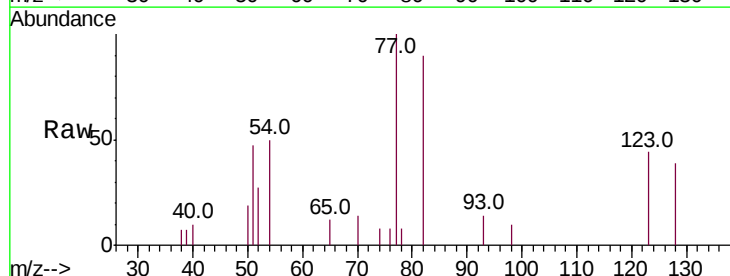


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

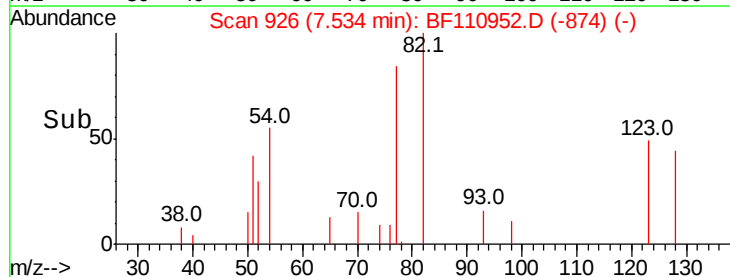
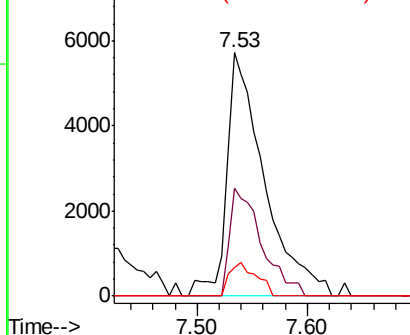


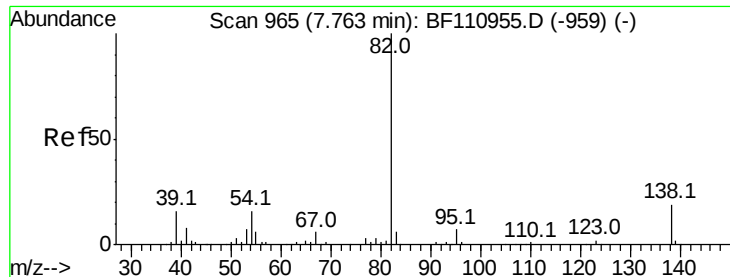
#24
Nitrobenzene
Concen: 2.774 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion: 77 Resp: 13706
Ion Ratio Lower Upper
77 100
123 44.2 35.7 53.5
65 11.7 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: 2.513 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

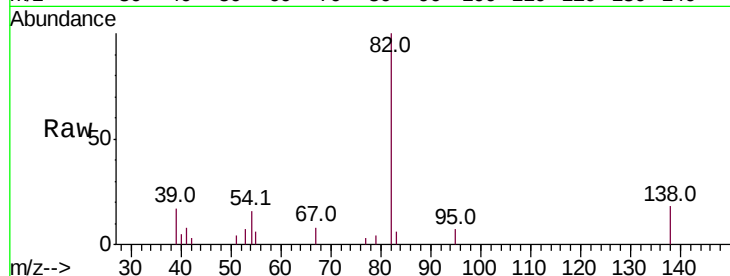
Tot Ion: 82 Resp: 19866

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

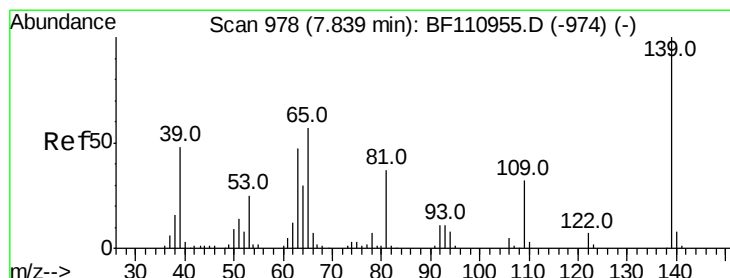
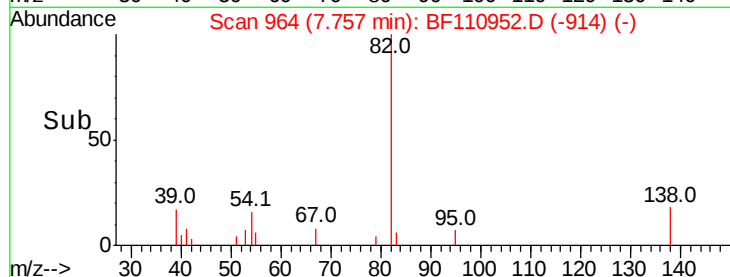
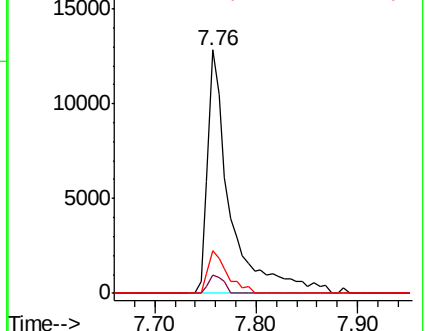
138 17.6 13.2 19.8



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: 2.170 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

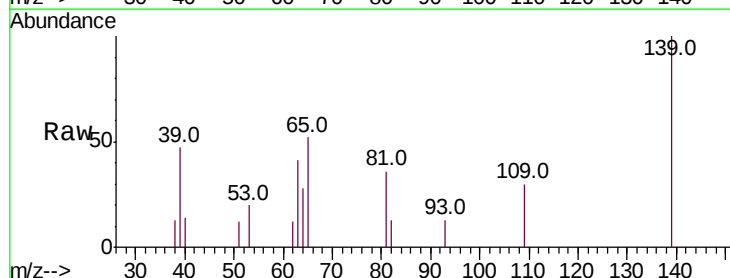
Tgt Ion: 139 Resp: 5350

Ion Ratio Lower Upper

139 100

109 30.1 25.0 37.6

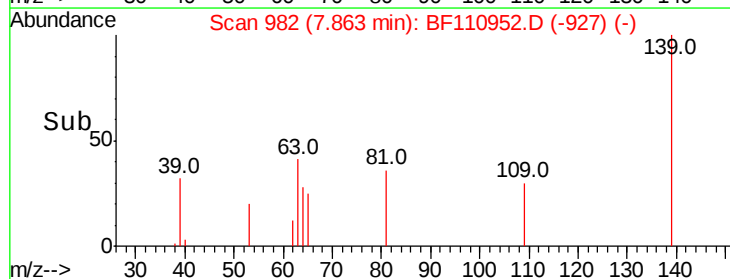
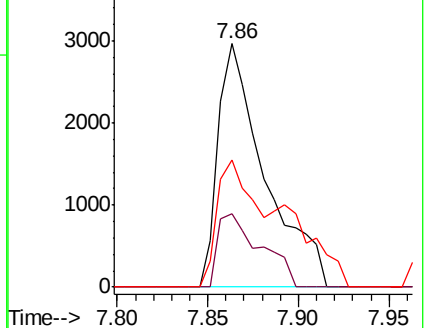
65 52.1 44.0 66.0

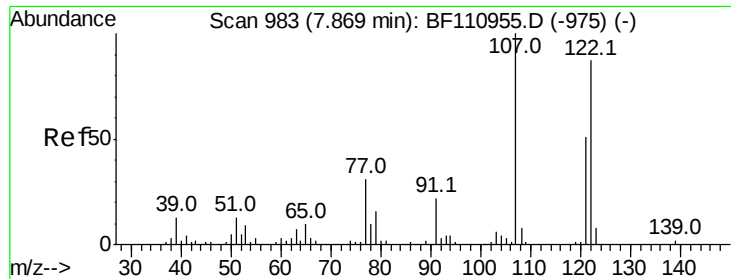


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

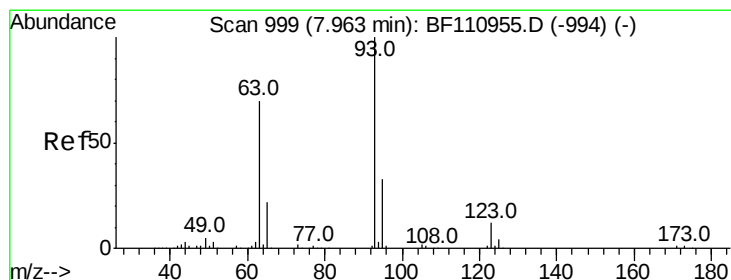
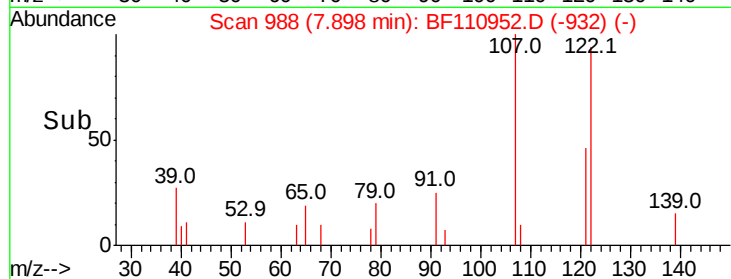
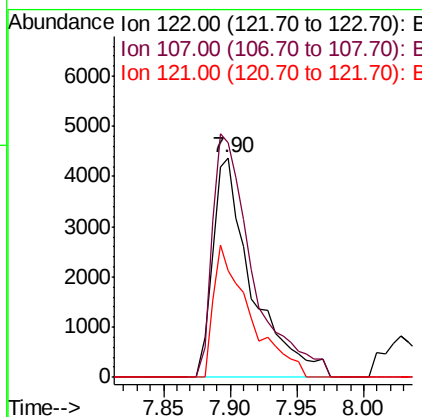
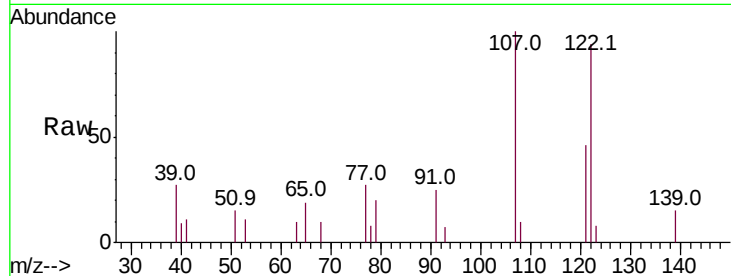




#27
2,4-Dimethylphenol
Concen: 2.399 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.03 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

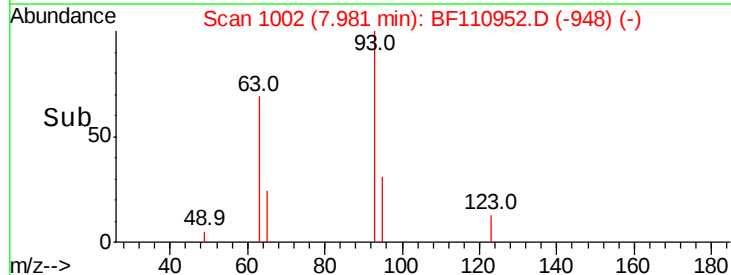
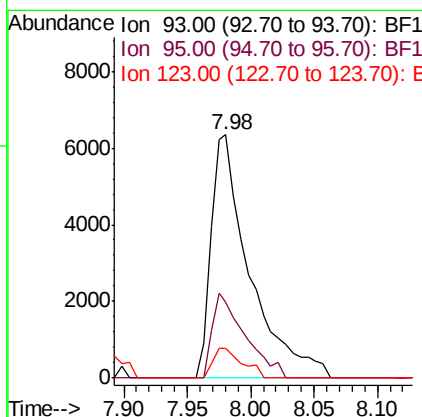
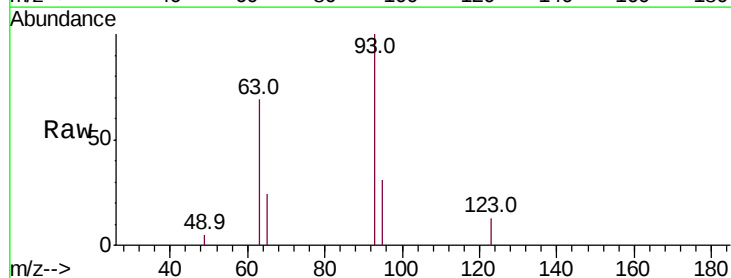
Instrument :
BNA_F
ClientSampleId :

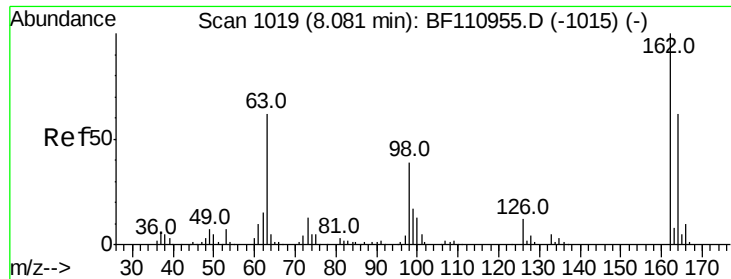
Tot Ion:122 Resp: 9005
Ion Ratio Lower Upper
122 100
107 106.7 92.5 138.7
121 48.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.512 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion: 93 Resp: 13444
Ion Ratio Lower Upper
93 100
95 30.9 26.4 39.6
123 12.5 9.0 13.6

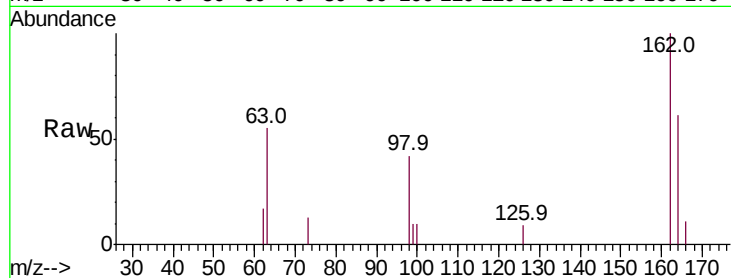




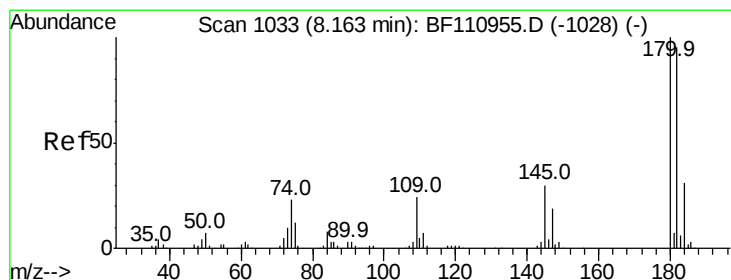
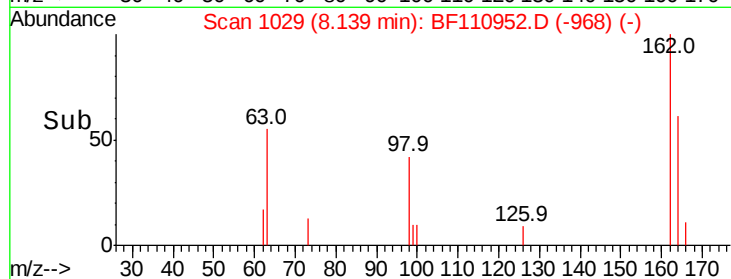
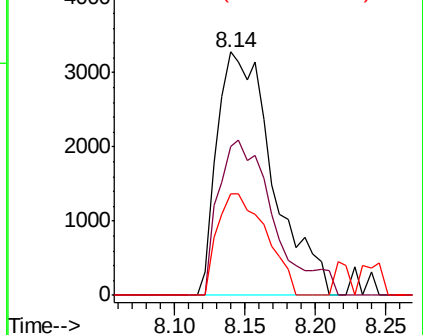
#29
 2,4-Dichlorophenol
 Concen: 2.343 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.06 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 9052
 Ion Ratio Lower Upper
 162 100
 164 61.0 44.6 84.6
 98 41.7 17.4 57.4

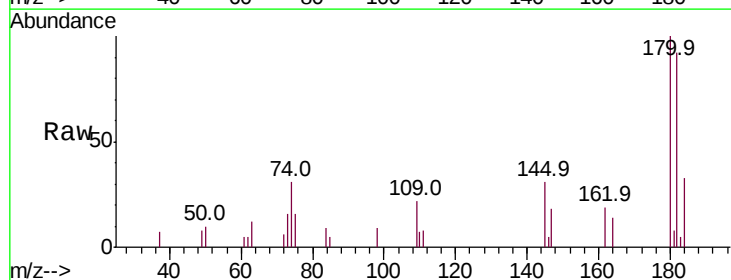


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

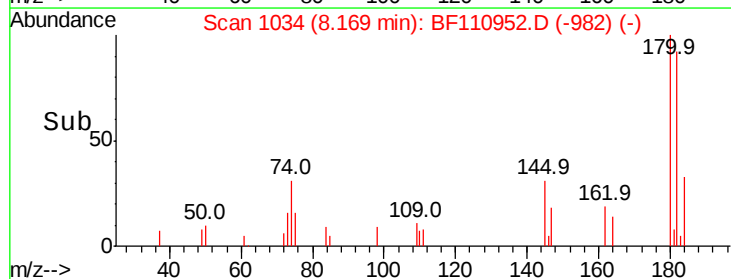
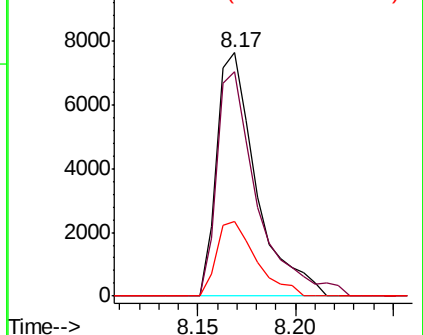


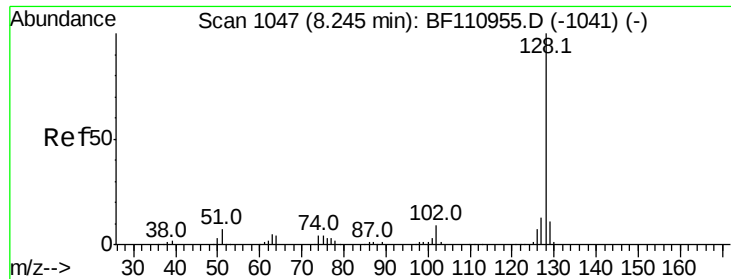
#30
 1,2,4-Trichlorobenzene
 Concen: 2.468 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:180 Resp: 10751
 Ion Ratio Lower Upper
 180 100
 182 92.0 80.3 120.5
 145 30.7 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

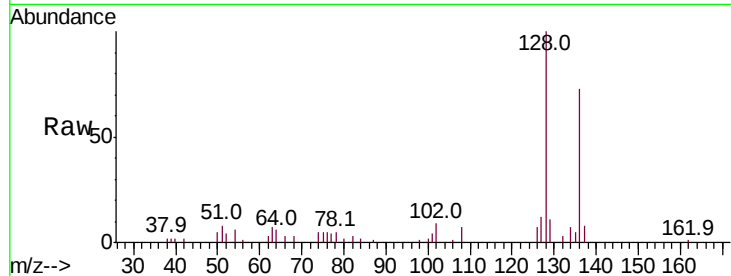




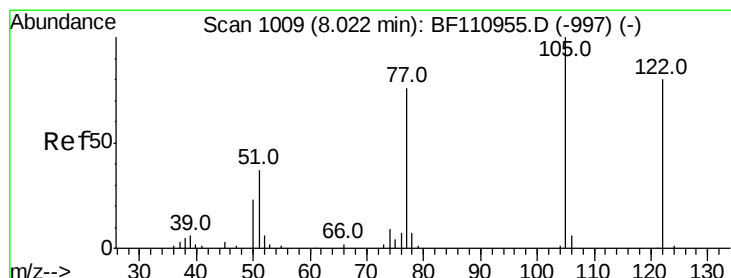
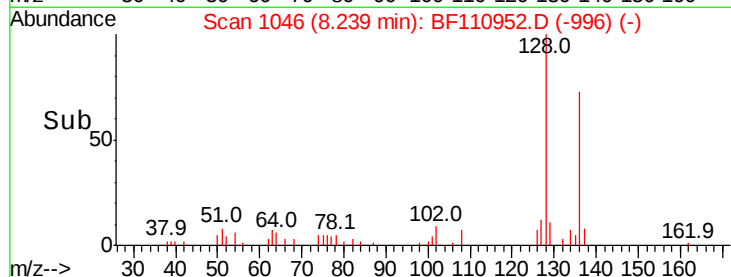
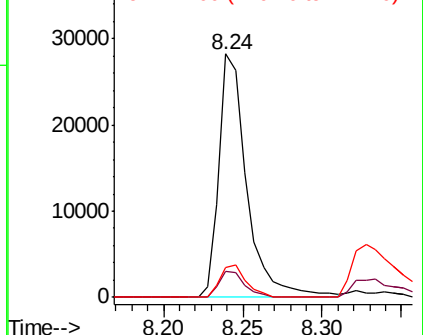
#31
Naphthalene
Concen: 2.645 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 34493
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.1 10.8 16.2

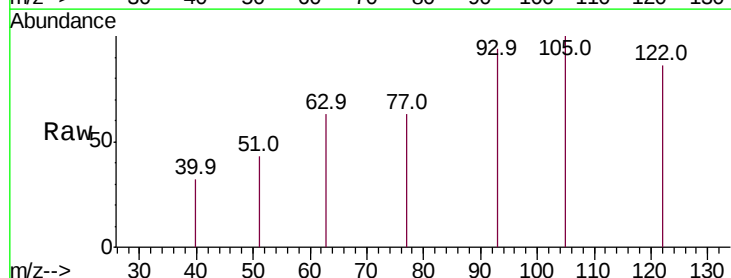


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

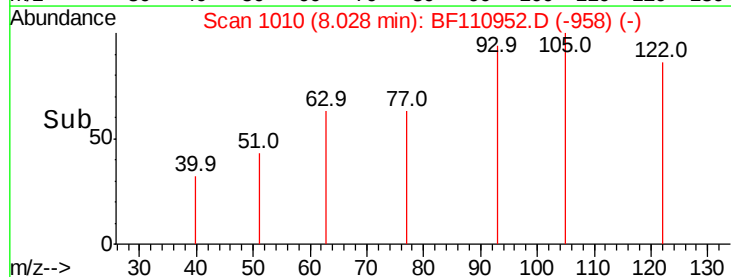
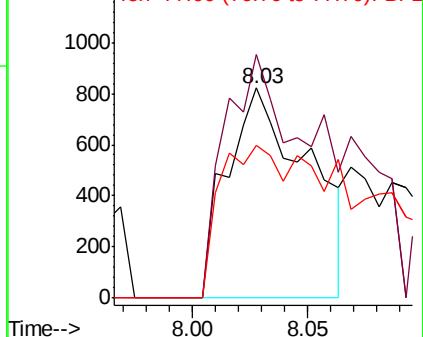


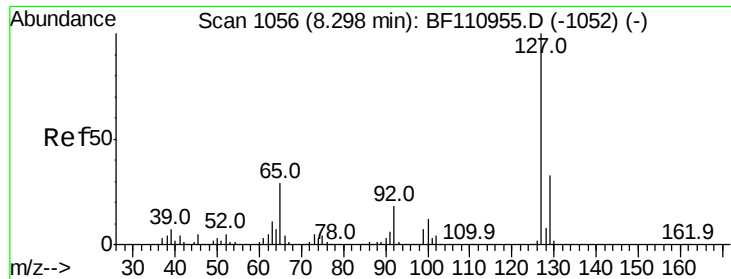
#32
Benzoic acid
Concen: 0.759 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:122 Resp: 2017
Ion Ratio Lower Upper
122 100
105 115.9 109.0 149.0
77 72.7 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

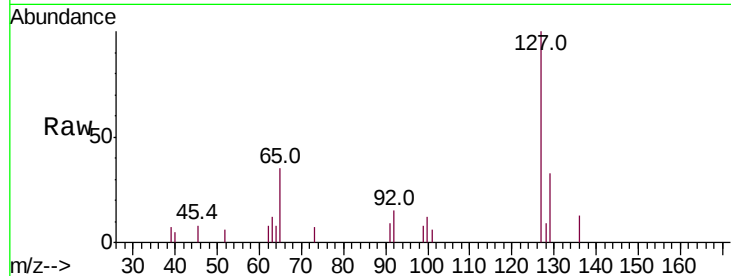




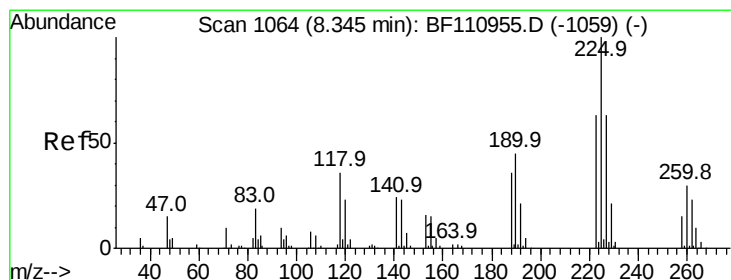
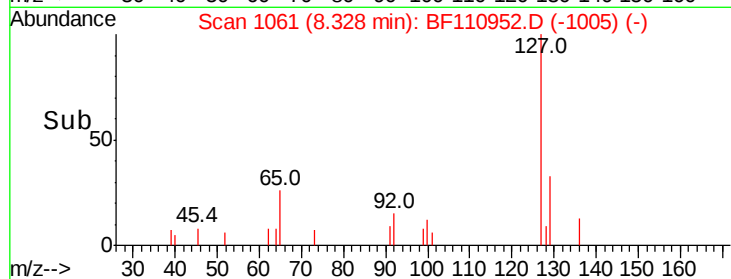
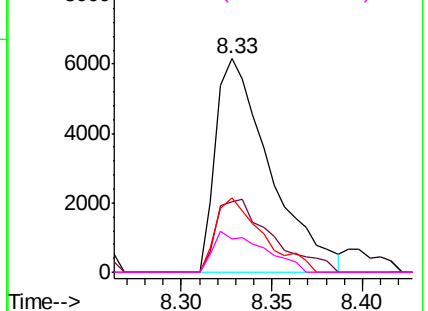
#33
4-Chloroaniline
Concen: 2.181 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	12882
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	34.8	25.1	37.7
92	15.5	15.0	22.6

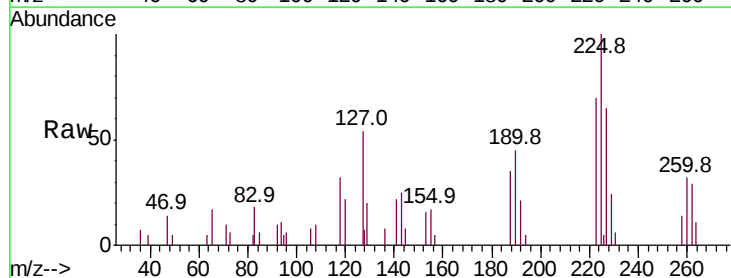


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

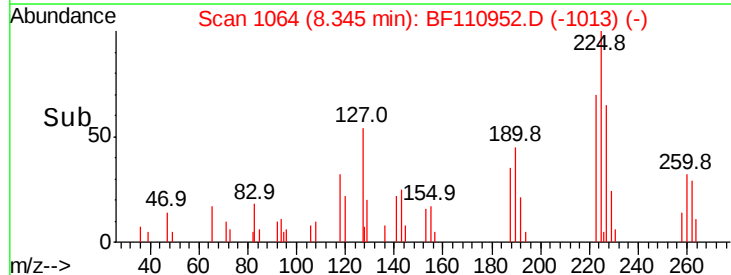
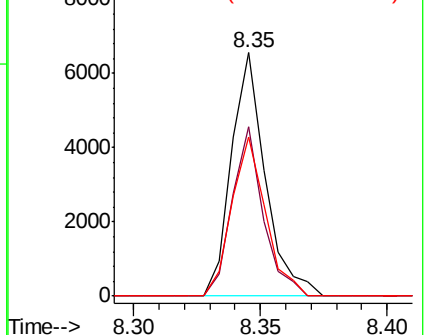


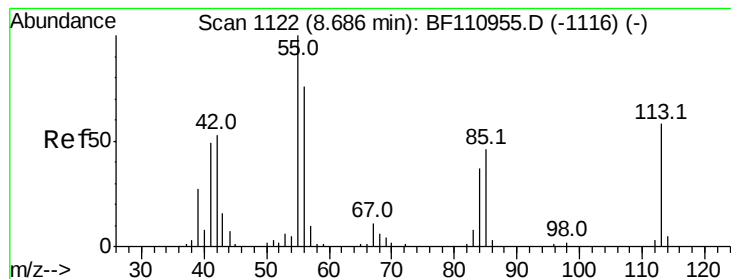
#34
Hexachlorobutadiene
Concen: 2.450 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:	225	Resp:	6095
Ion	Ratio	Lower	Upper
225	100		
223	69.8	51.4	77.2
227	65.4	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: 2.067 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

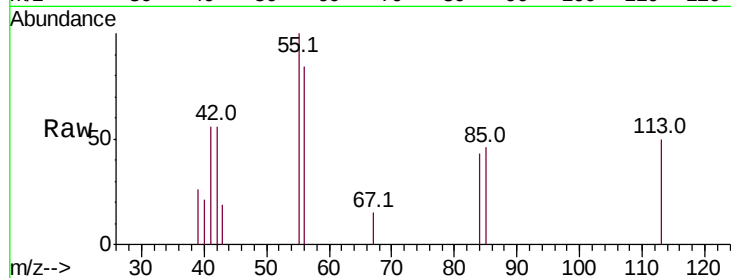
Tot Ion:113 Resp: 2668

Ion Ratio Lower Upper

113 100

55 200.9 142.8 182.8#

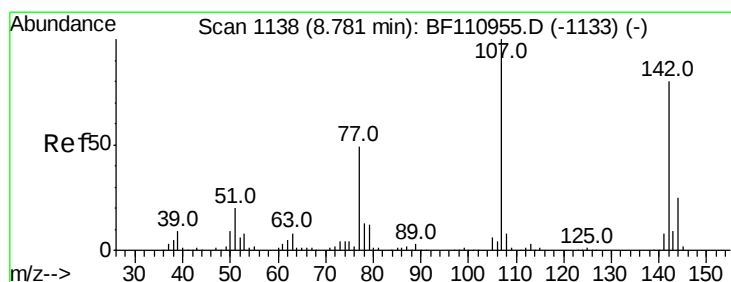
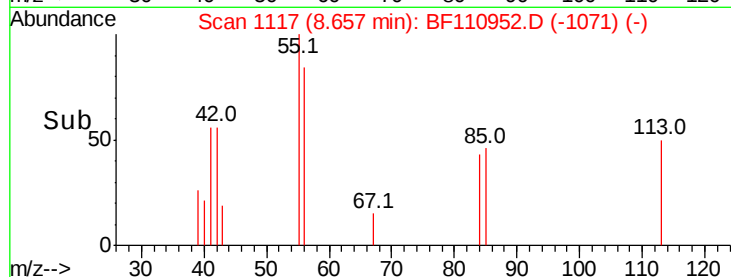
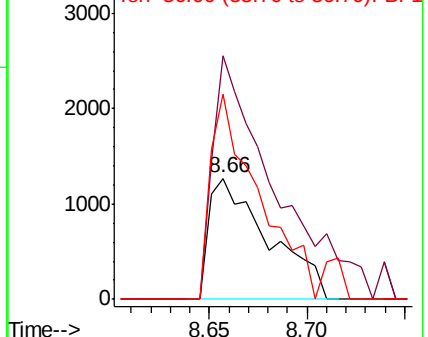
56 169.0 105.0 145.0#



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: 2.498 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

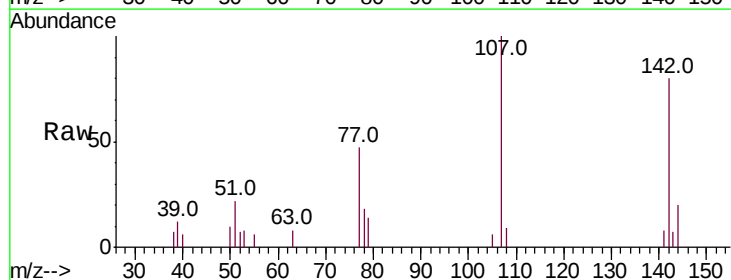
Tgt Ion:107 Resp: 10408

Ion Ratio Lower Upper

107 100

144 20.5 20.0 30.0

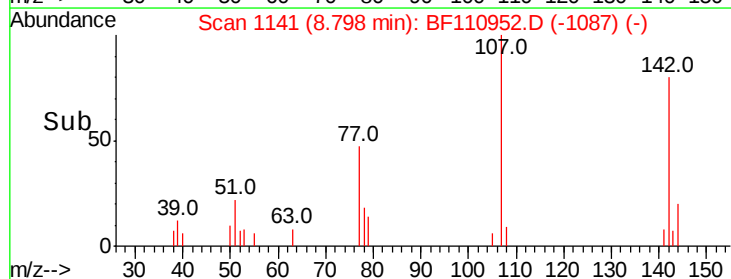
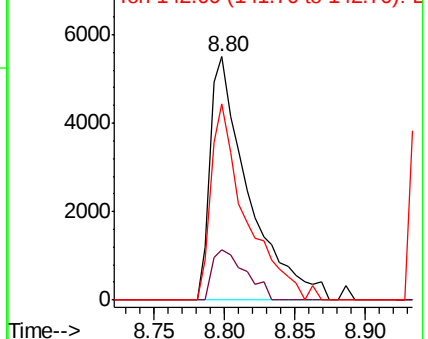
142 80.5 59.7 89.5

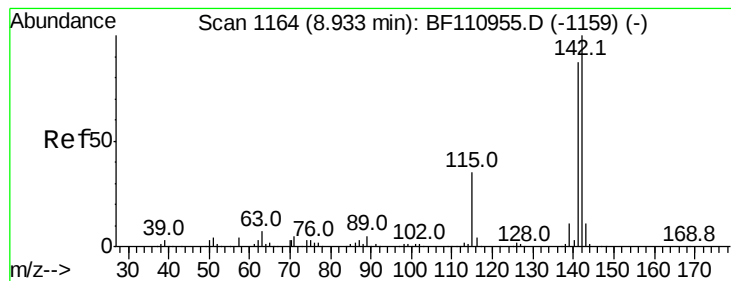


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

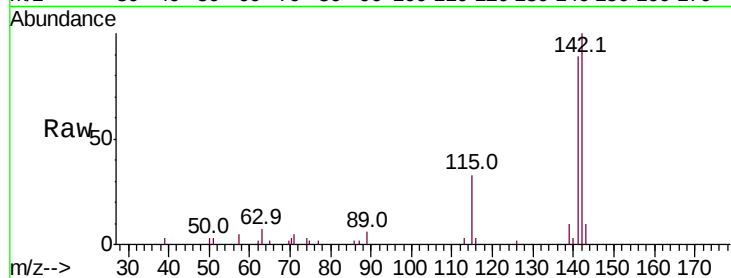




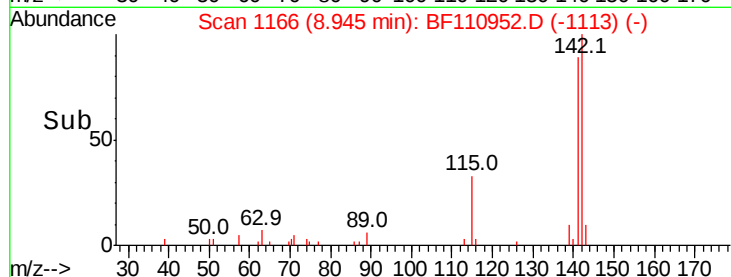
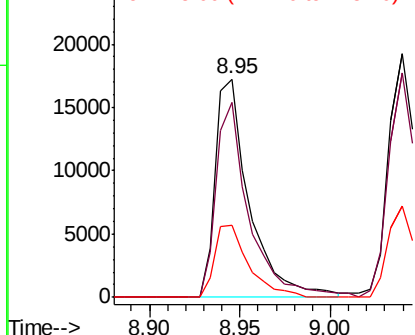
#37
2-Methylnaphthalene
Concen: 2.626 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 22444
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 33.3 28.7 43.1

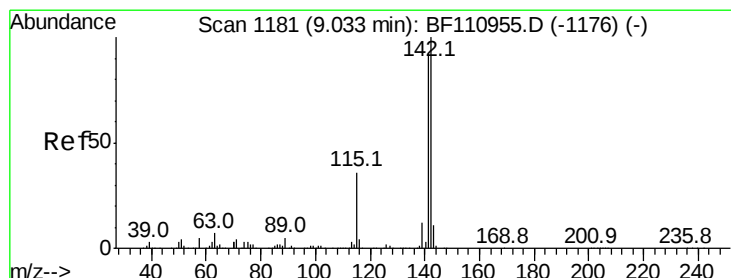


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

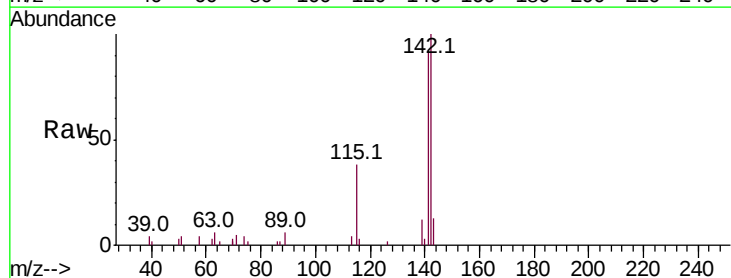
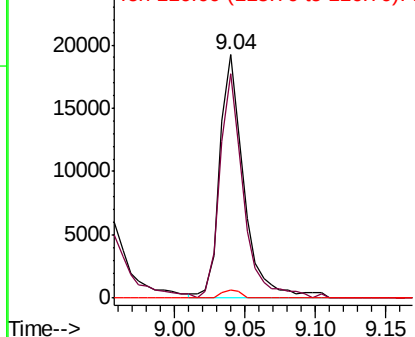


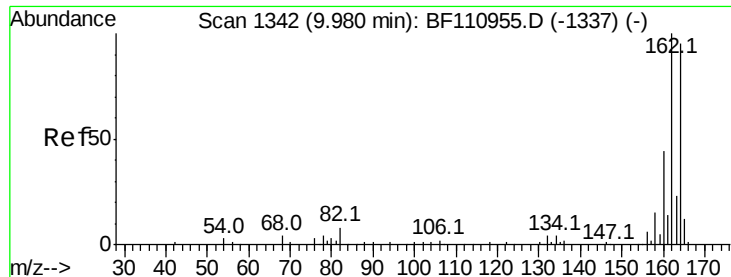
#38
1-Methylnaphthalene
Concen: 2.812 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:142 Resp: 23120
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 3.3 2.6 4.0



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

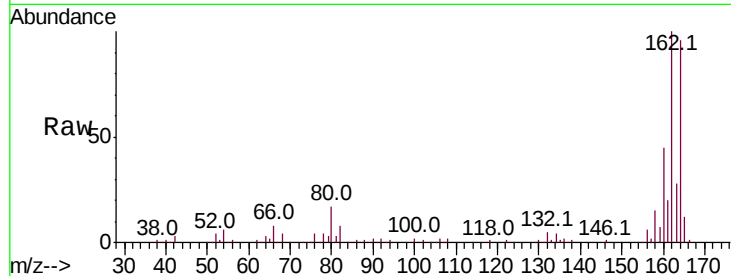




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	46.9	37.0	55.6

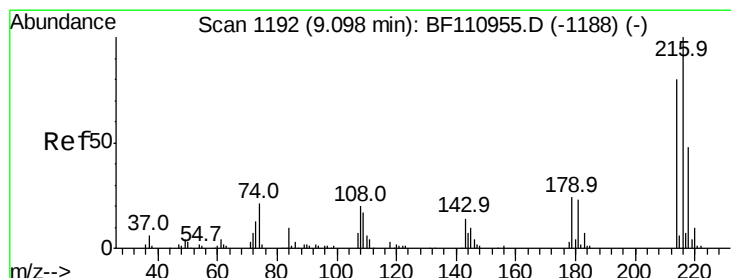
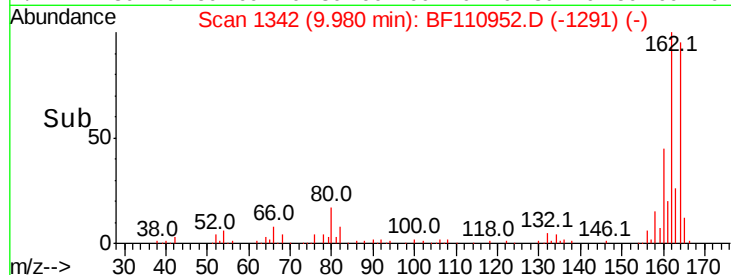
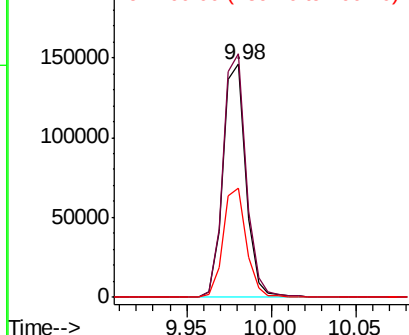


Abundance

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: 2.502 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.8	95.6
179	19.2	16.6	25.0
108	16.5	15.1	22.7

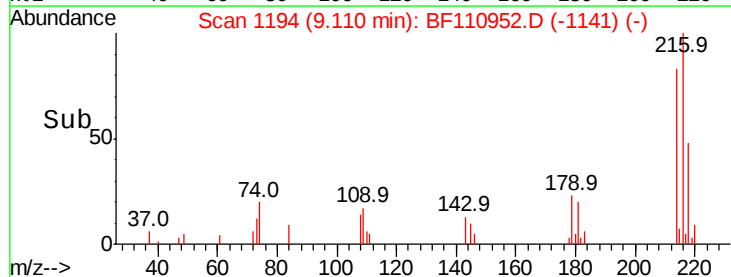
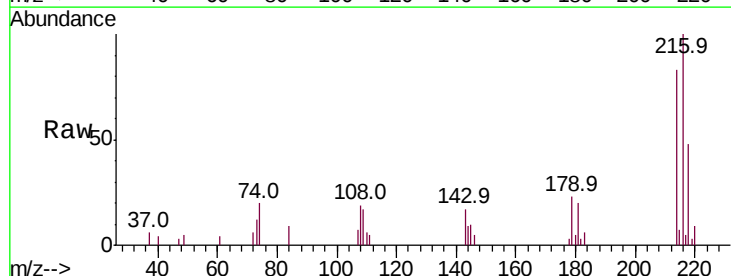
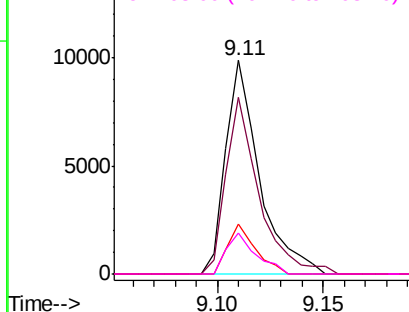
Abundance

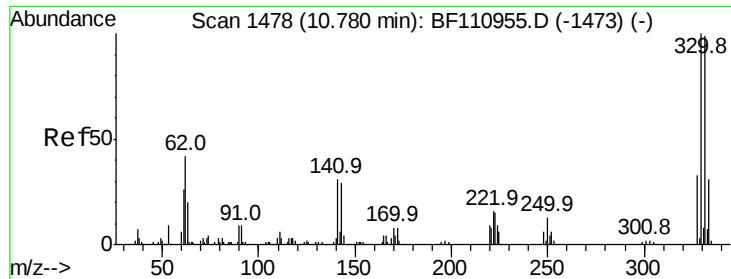
Ion 216.00 (215.70 to 216.70): E

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

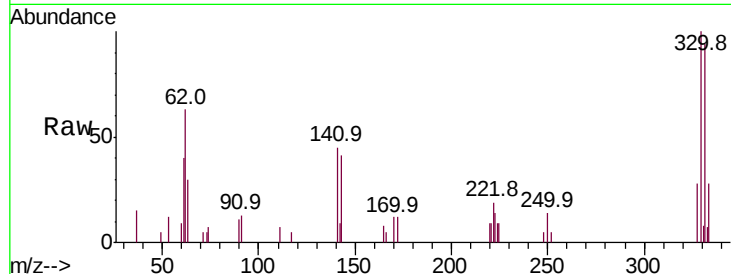




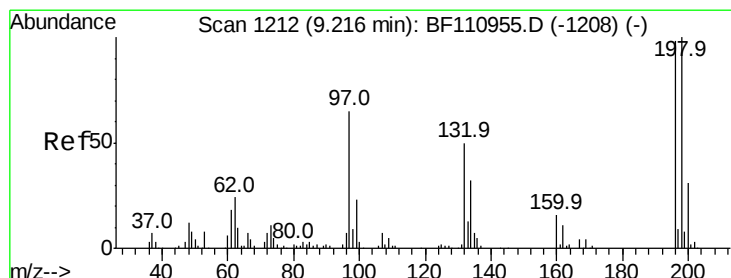
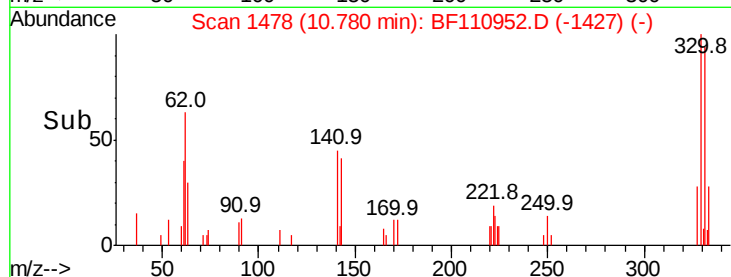
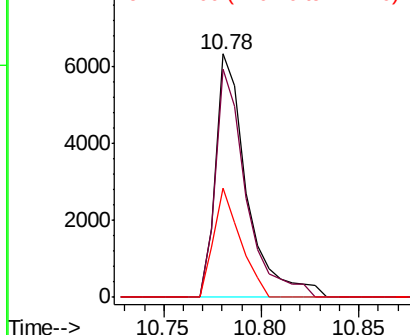
#42
 2,4,6-Tribromophenol
 Concen: 5.050 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.1	115.7
141	38.6	27.0	40.4

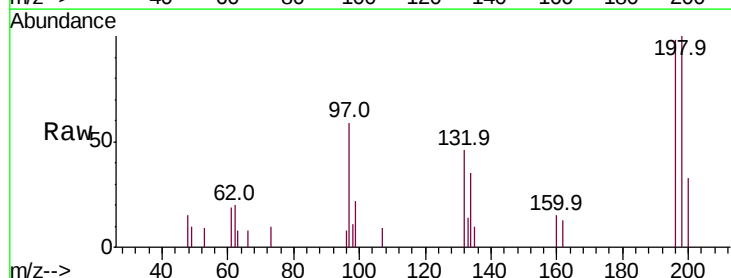


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

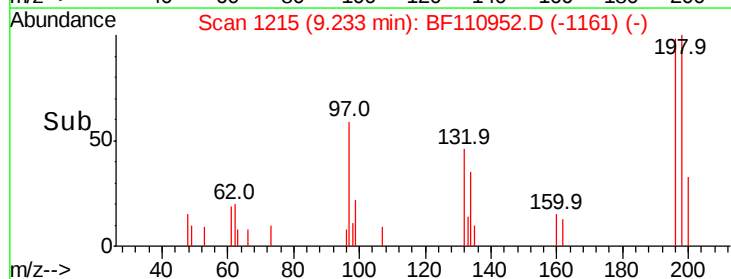
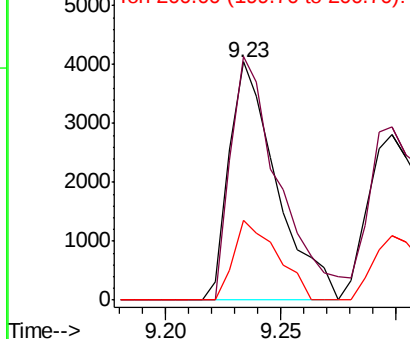


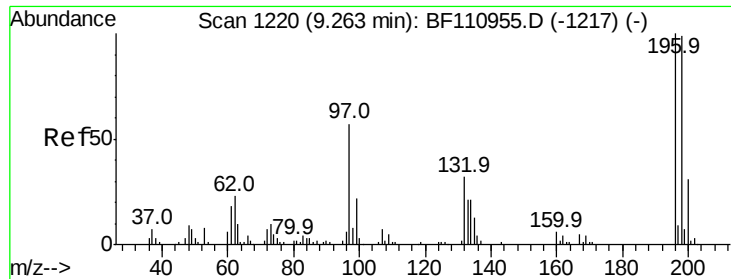
#43
 2,4,6-Trichlorophenol
 Concen: 2.106 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.02 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	76.2	114.4
200	33.5	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

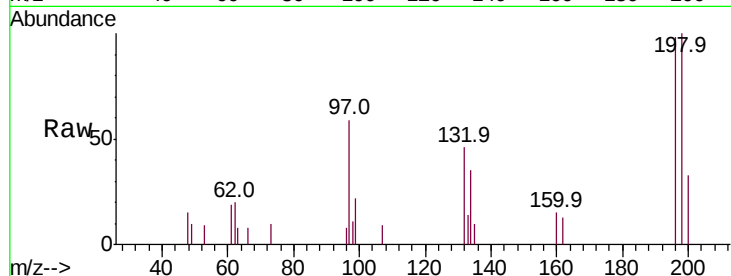




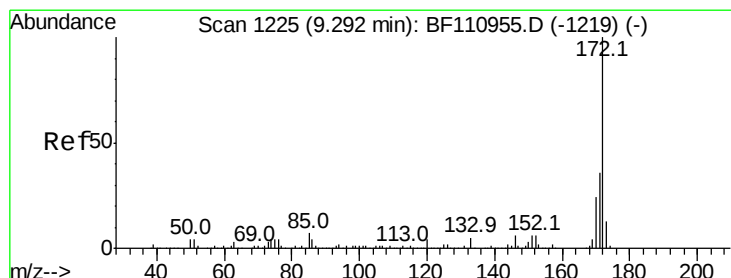
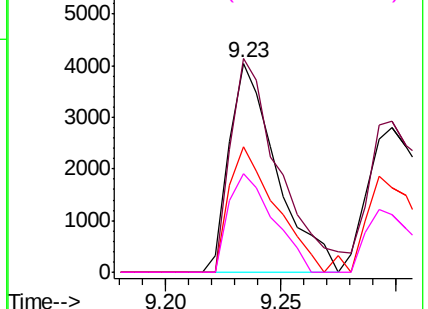
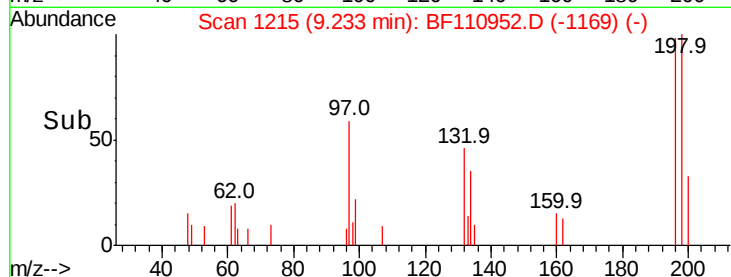
#44
 2,4,5-Trichlorophenol
 Concen: 1.974 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 5789
 Ion Ratio Lower Upper
 196 100
 198 102.2 75.8 113.6
 97 59.9 42.4 63.6
 132 47.4 22.8 34.2#

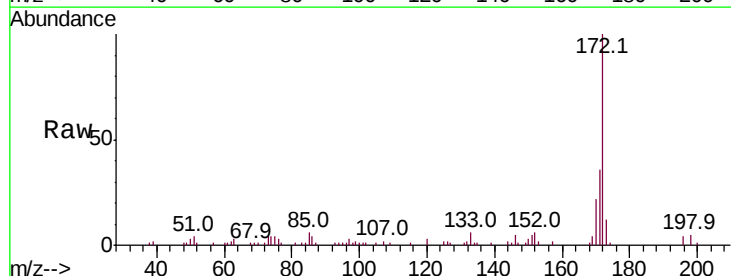


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

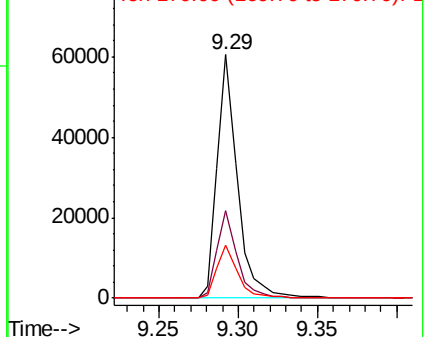
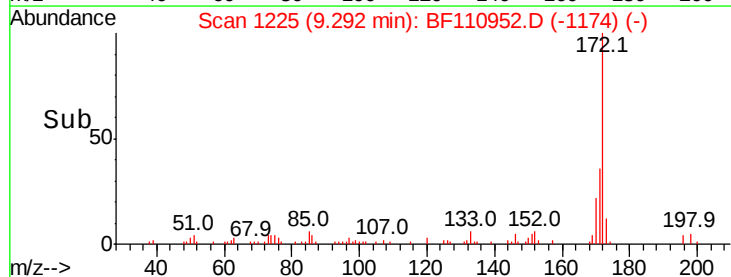


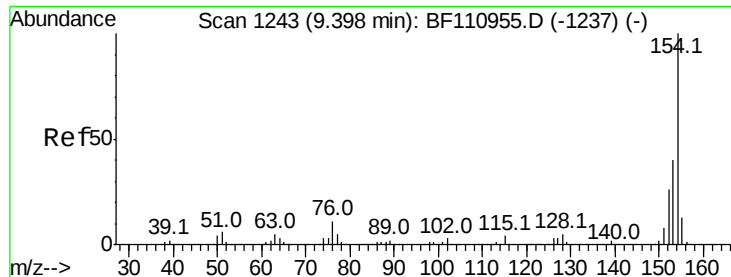
#45
 2-Fluorobiphenyl
 Concen: 5.579 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:172 Resp: 53987
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 21.6 19.7 29.5



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

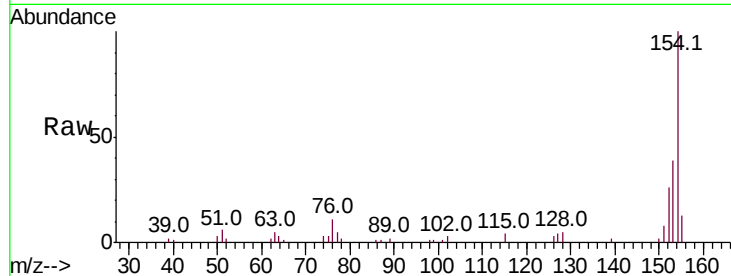




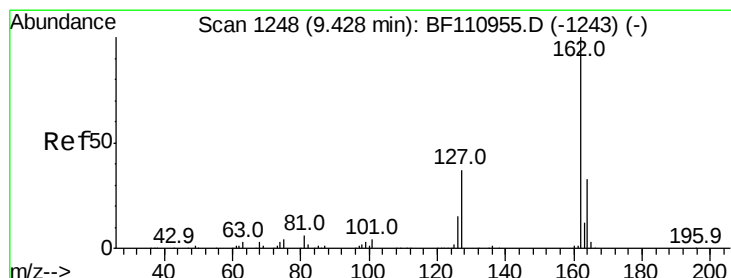
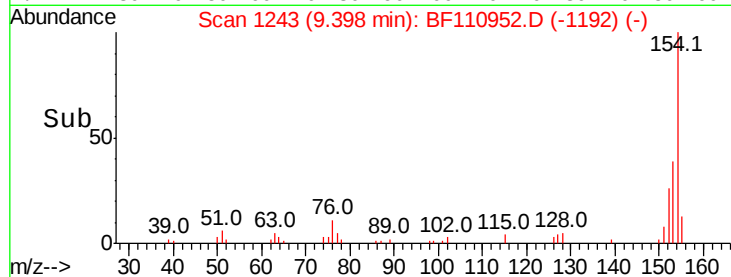
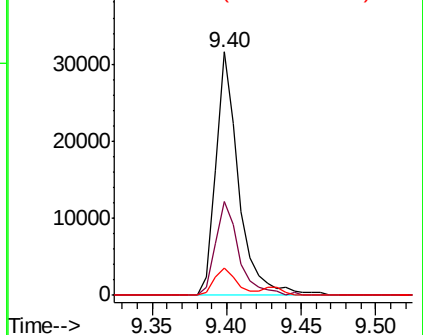
#46
 1,1'-Biphenyl
 Concen: 2.634 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	154	Resp:	33953
Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.4	60.4
76	11.2	0.0	31.9

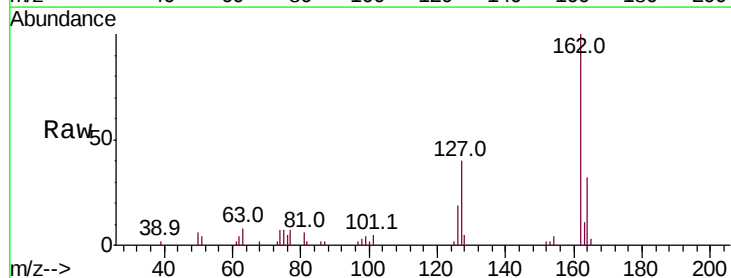


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

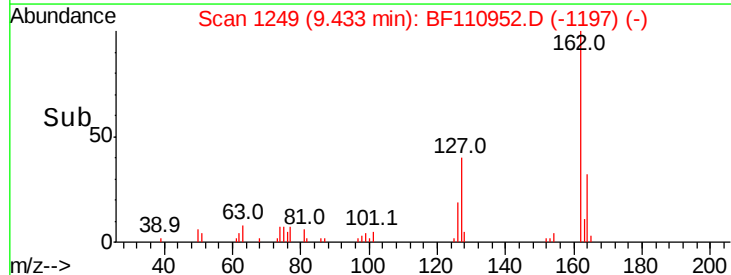
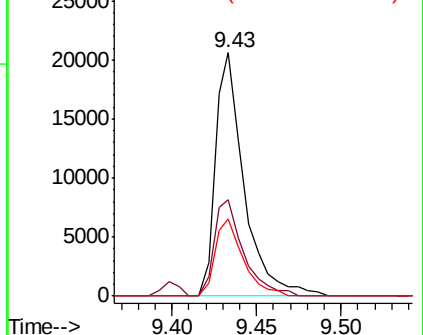


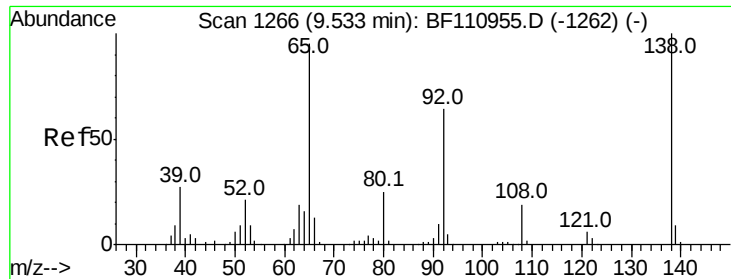
#47
 2-Chloronaphthalene
 Concen: 2.621 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:	162	Resp:	24344
Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.6	48.8
164	31.6	25.9	38.9



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

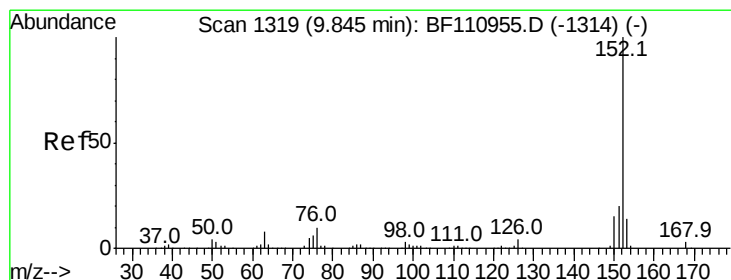
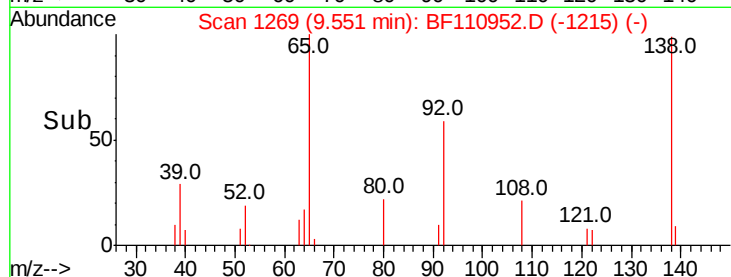
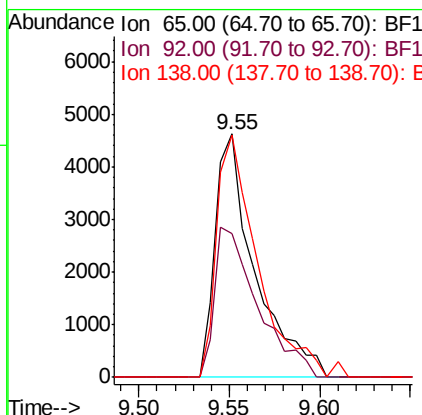
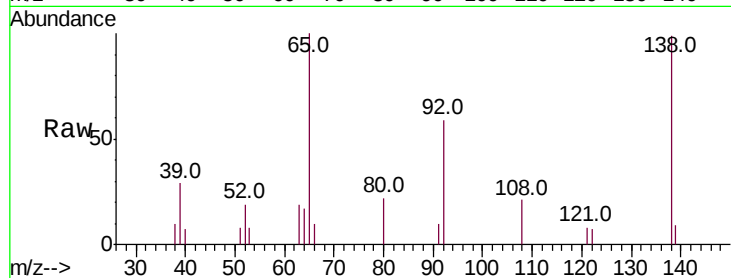




#48
 2-Nitroaniline
 Concen: 2.462 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

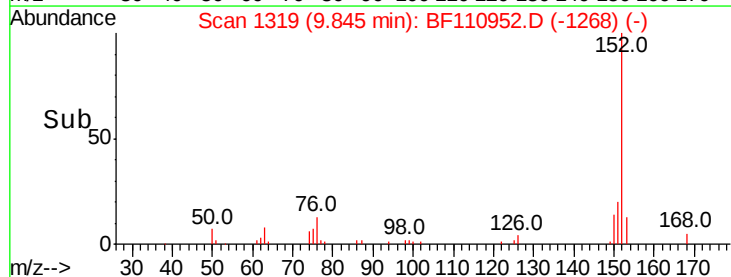
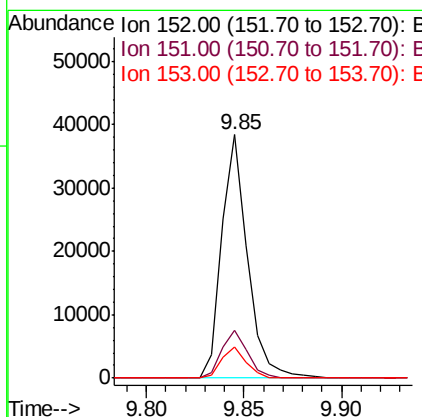
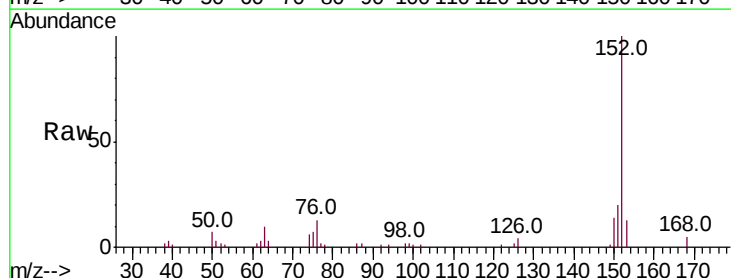
Instrument :
 BNA_F
 ClientSampleId :

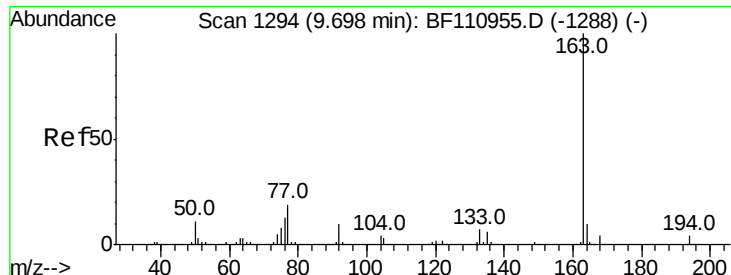
Tot Ion: 65 Resp: 7048
 Ion Ratio Lower Upper
 65 100
 92 59.0 54.6 81.8
 138 99.3 80.3 120.5



#49
 Acenaphthylene
 Concen: 2.637 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion: 152 Resp: 35271
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.8
 153 12.9 10.4 15.6





#50

Dimethylphthalate

Concen: 2.714 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

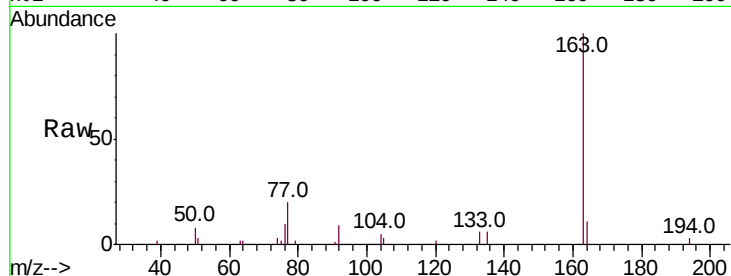
Tot Ion:163 Resp: 27987

Ion Ratio Lower Upper

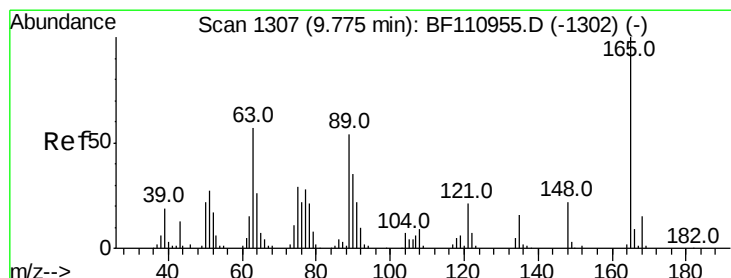
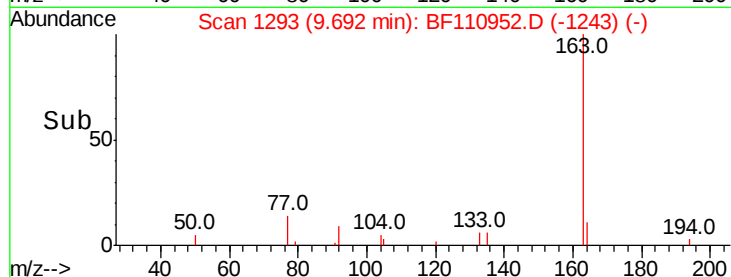
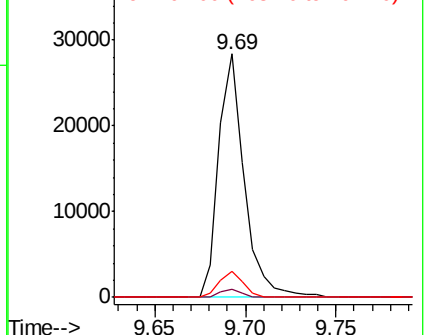
163 100

194 3.4 3.2 4.8

164 10.8 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: 2.398 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

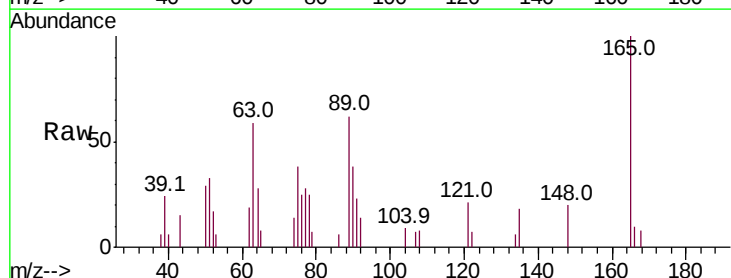
Tgt Ion:165 Resp: 5439

Ion Ratio Lower Upper

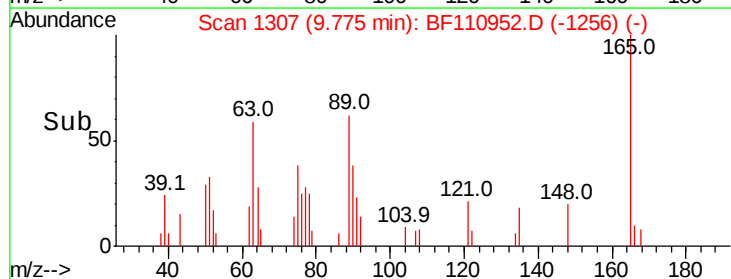
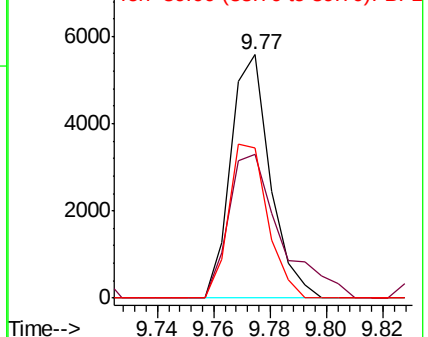
165 100

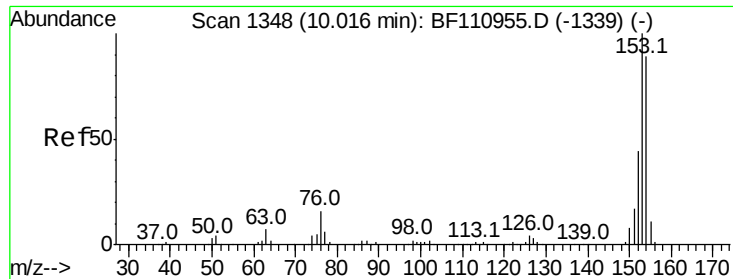
63 58.9 48.9 73.3

89 61.7 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: 2.671 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

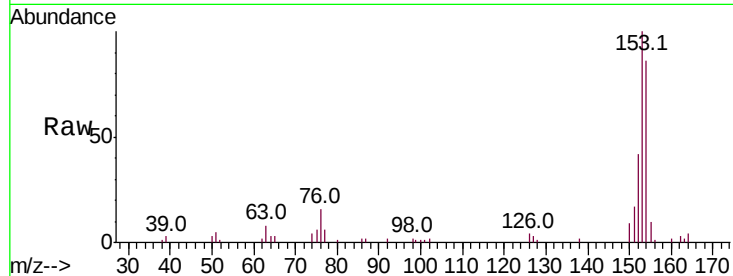
Tot Ion:154 Resp: 22581

Ion Ratio Lower Upper

154 100

153 115.9 90.1 135.1

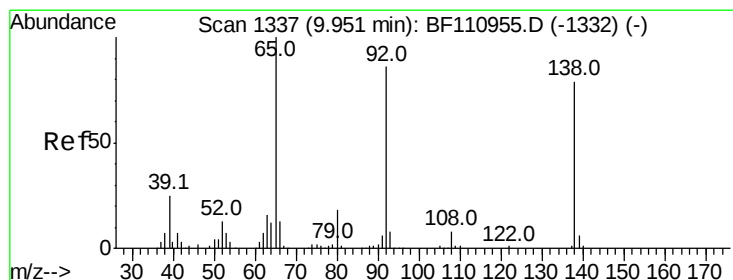
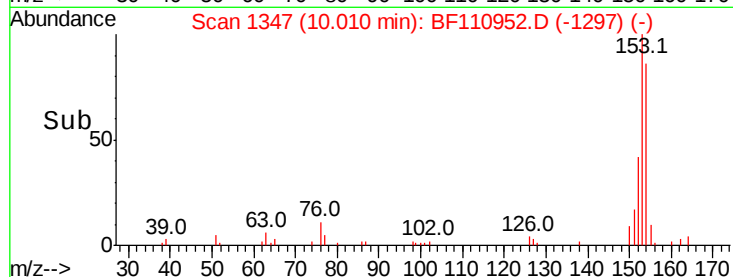
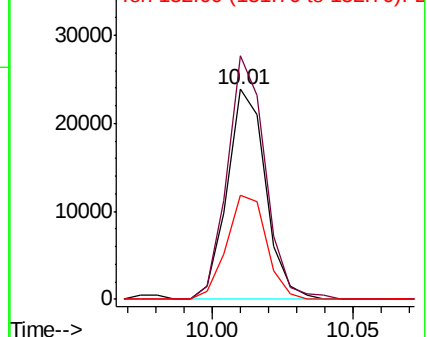
152 49.3 43.4 65.2



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: 2.404 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

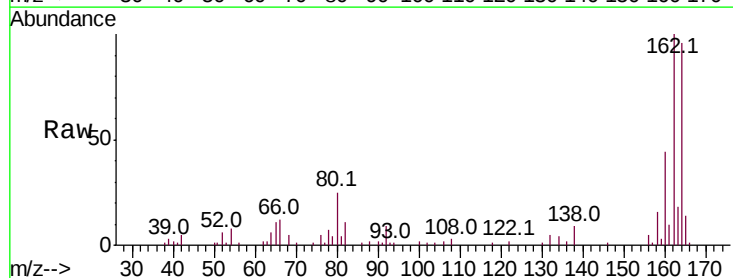
Tgt Ion:138 Resp: 6319

Ion Ratio Lower Upper

138 100

108 35.0 8.7 13.1#

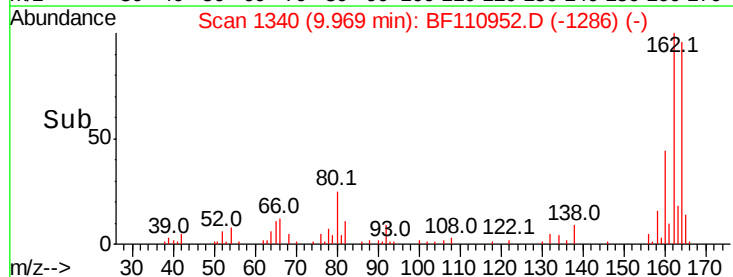
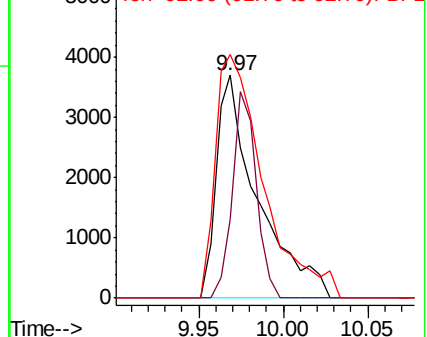
92 109.2 97.0 145.4

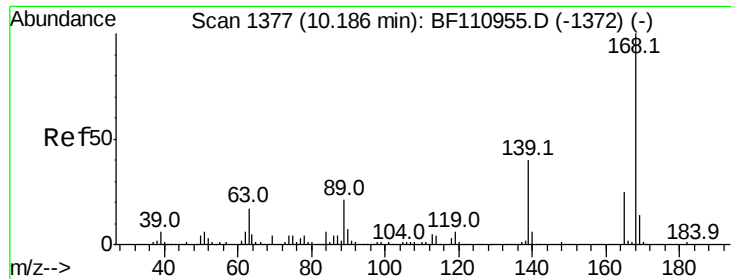


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

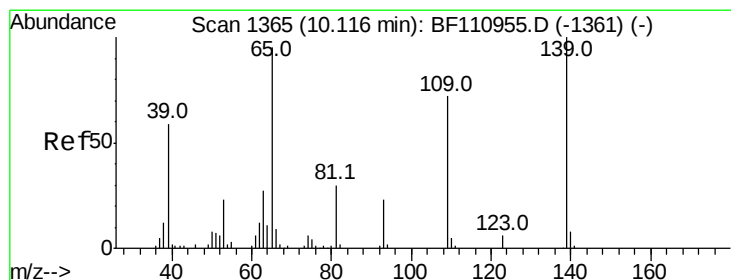
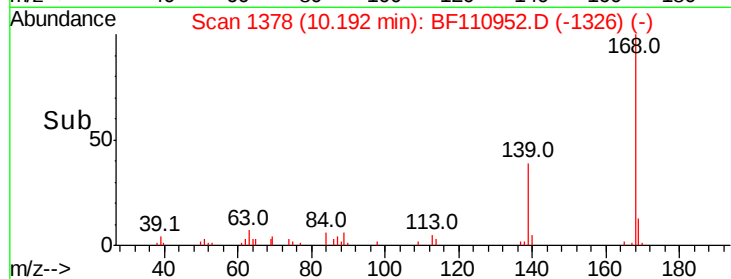
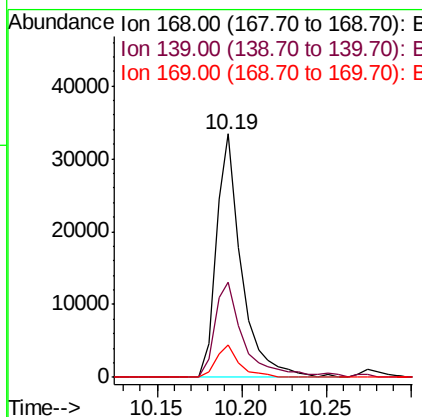
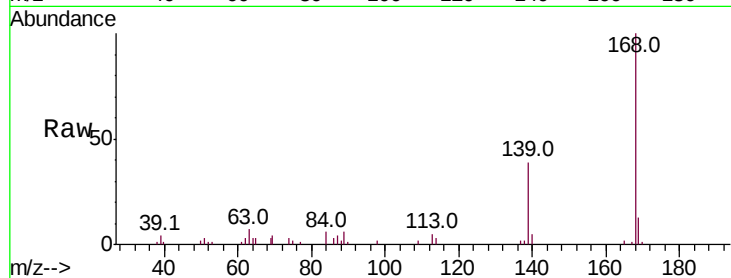




#55
Dibenzofuran
Concen: 2.799 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

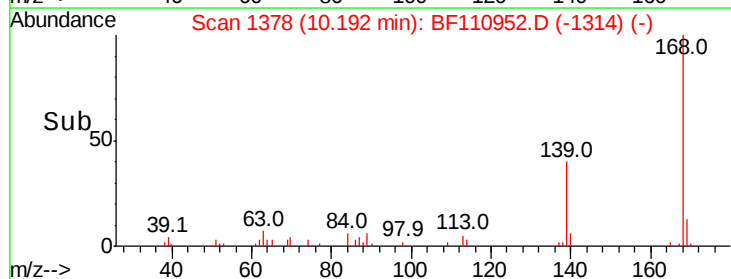
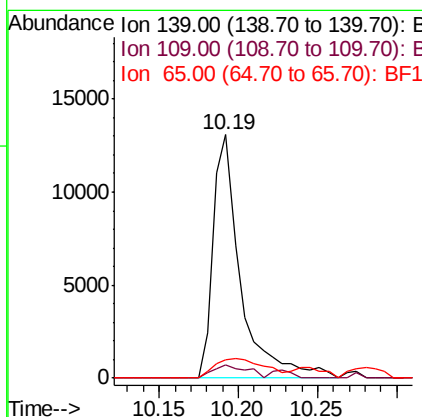
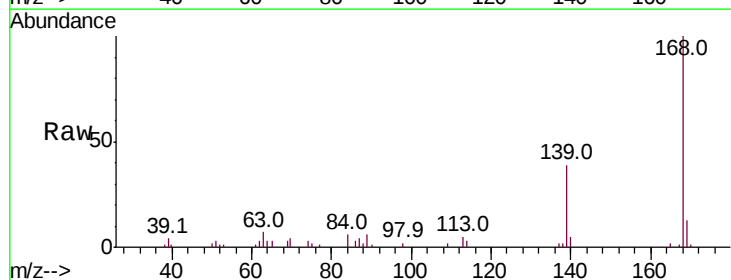
Instrument :
BNA_F
ClientSampleId :

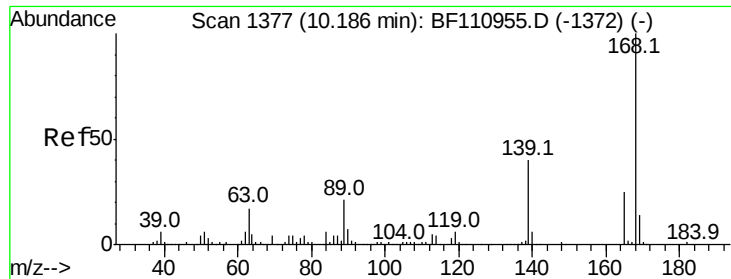
Tot Ion:168 Resp: 34614
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.1 11.3 16.9



#56
4-Nitrophenol
Concen: 9.052 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:139 Resp: 15783
Ion Ratio Lower Upper
139 100
109 5.4 55.8 95.8#
65 7.5 77.9 117.9#

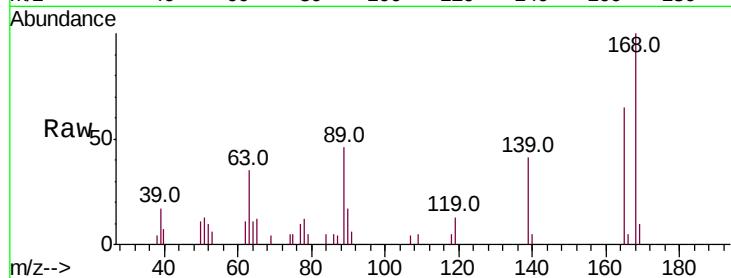




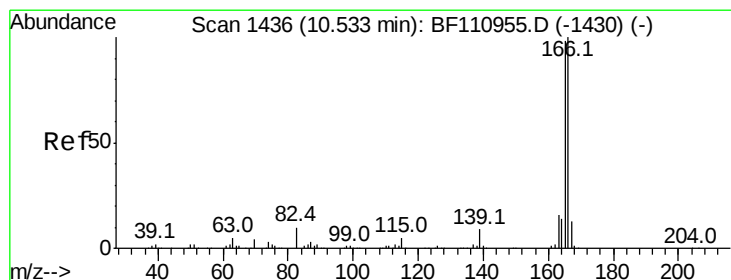
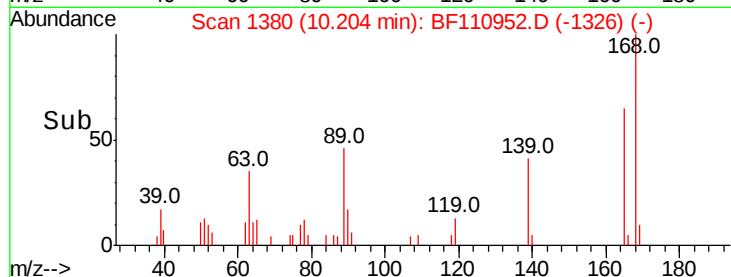
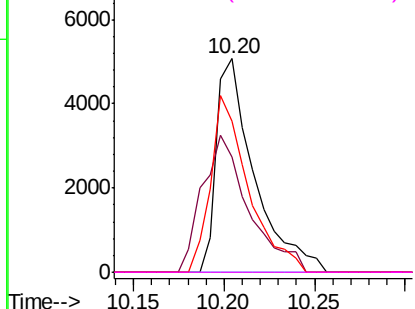
#57
 2,4-Dinitrotoluene
 Concen: 2.499 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.02 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 7370
 Ion Ratio Lower Upper
 165 100
 63 54.1 44.8 67.2
 89 70.6 62.2 93.4
 182 0.0 2.1 3.1#

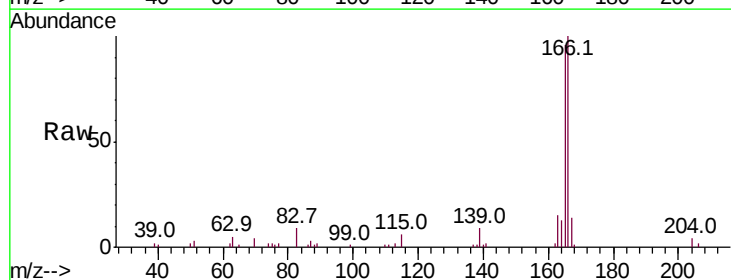


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

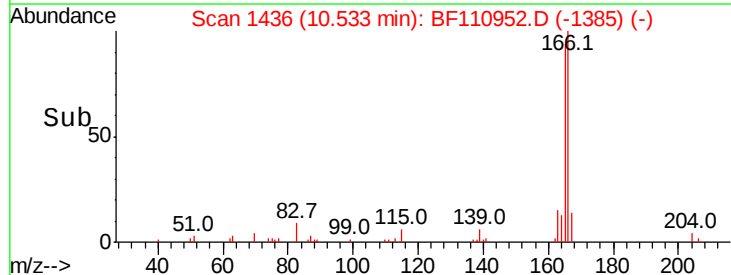
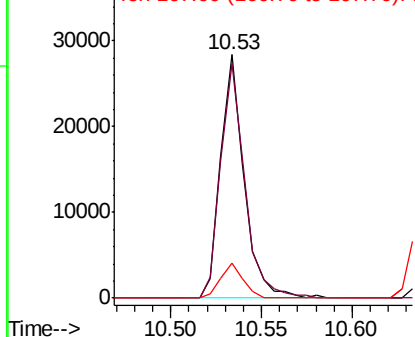


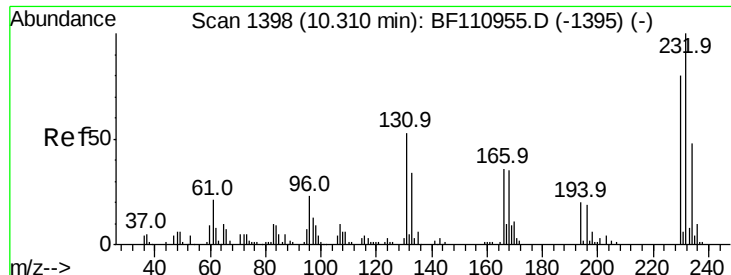
#58
 Fluorene
 Concen: 2.705 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:166 Resp: 25694
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.6 117.8
 167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

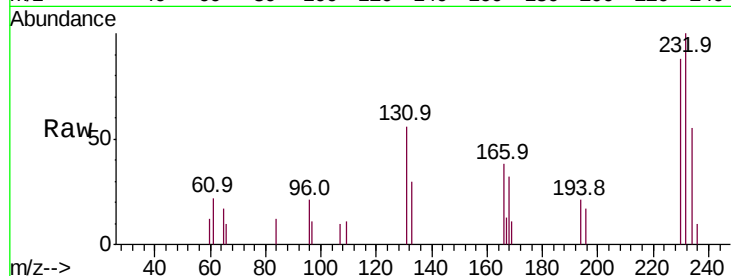




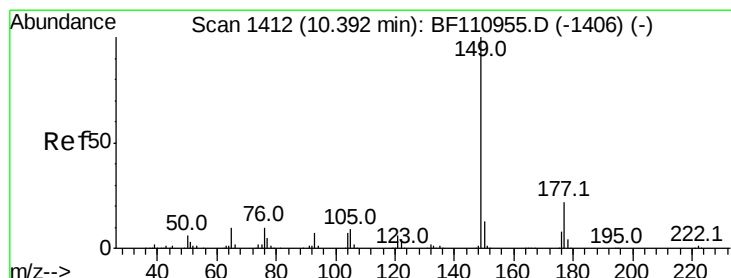
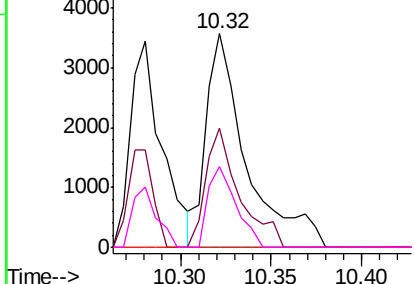
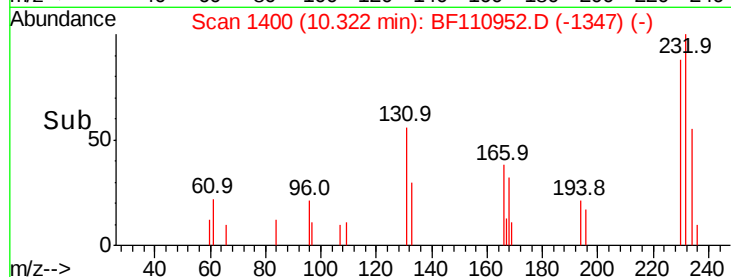
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.388 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 5509
 Ion Ratio Lower Upper
 232 100
 131 46.4 37.0 55.4
 130 0.0 1.8 2.6#
 166 26.3 22.0 33.0

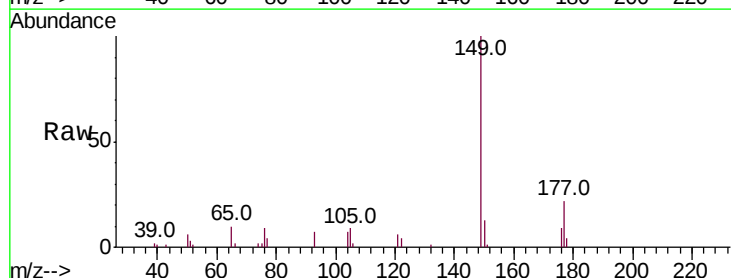


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

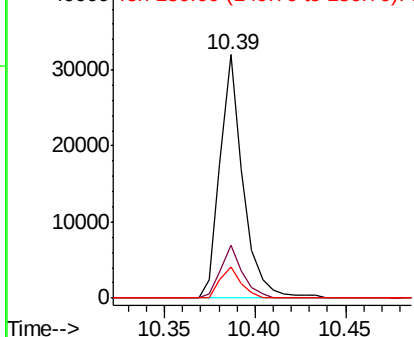
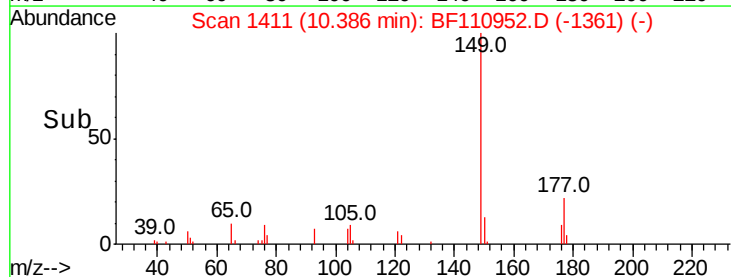


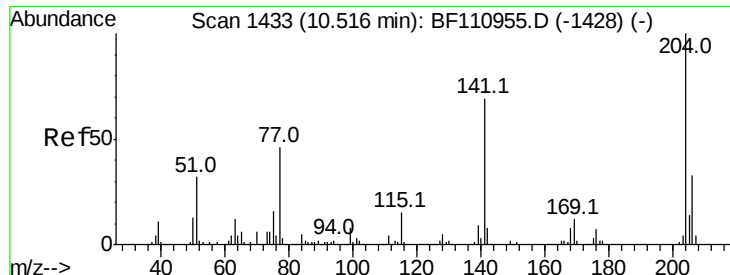
#60
 Diethylphthalate
 Concen: 2.777 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:149 Resp: 28335
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.4 26.2
 150 12.8 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

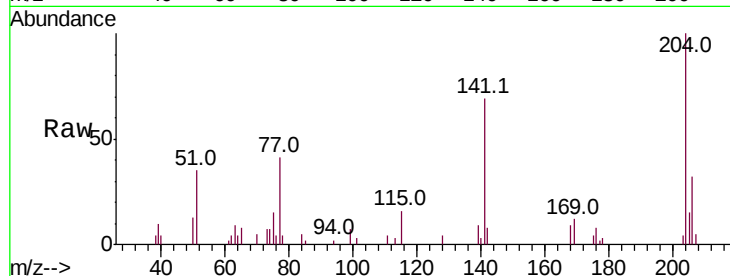




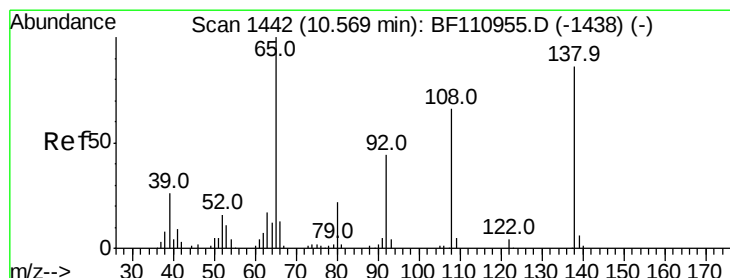
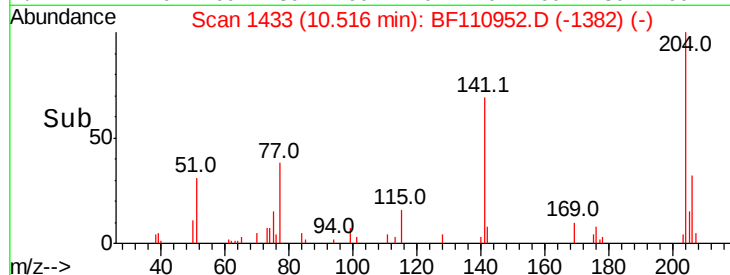
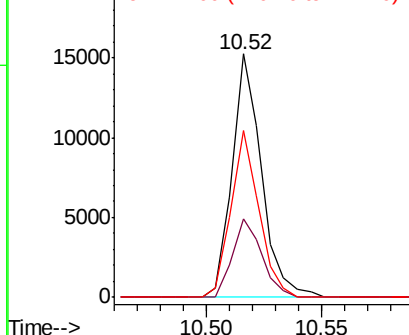
#61
 4-Chlorophenyl-phenylether
 Concen: 2.741 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 13480
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.5 39.7
 141 68.8 51.8 77.8

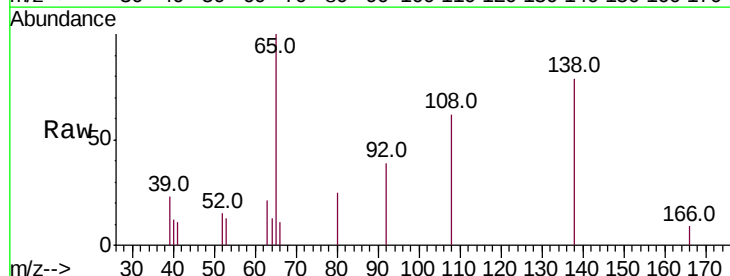


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

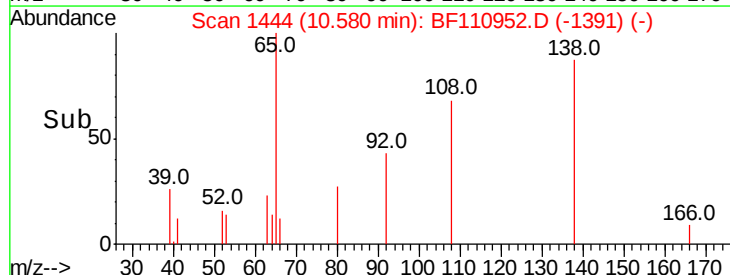
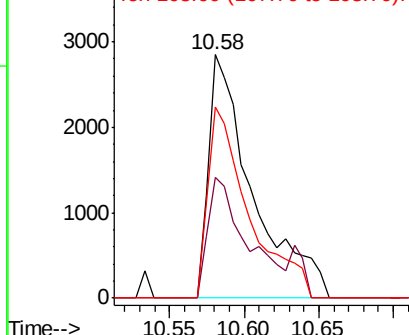


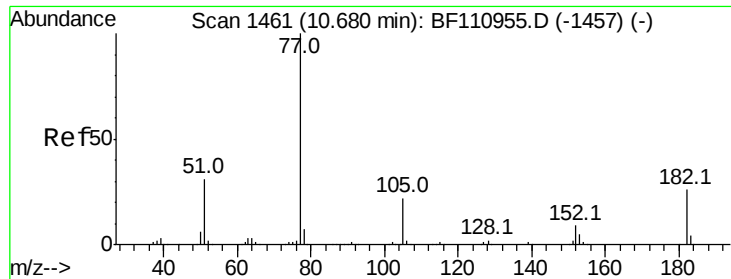
#62
 4-Nitroaniline
 Concen: 2.210 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:138 Resp: 5849
 Ion Ratio Lower Upper
 138 100
 92 49.4 31.7 71.7
 108 78.3 59.3 99.3



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

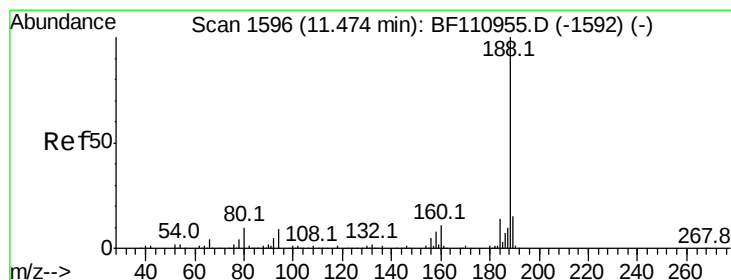
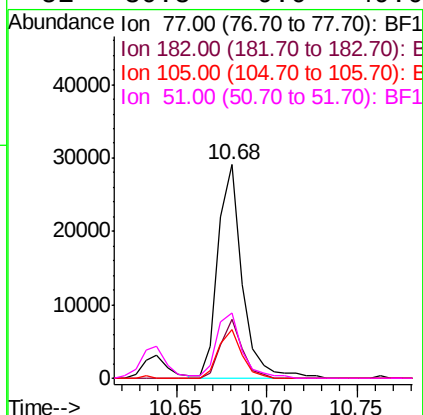
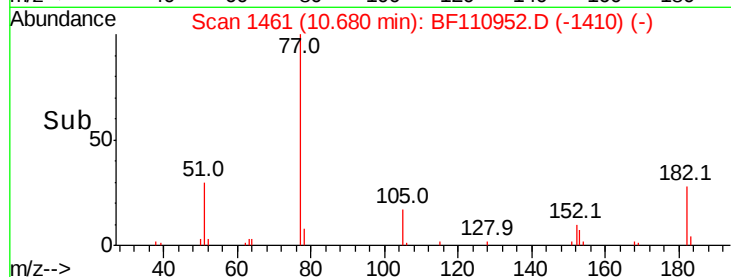
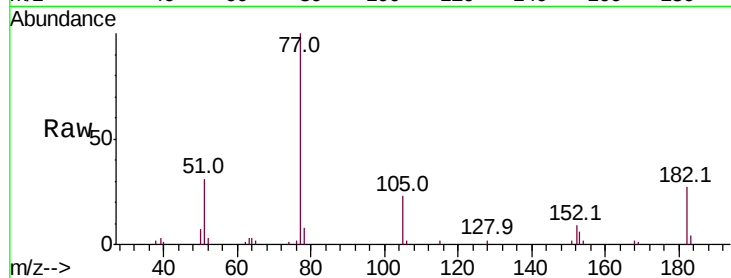




#63
Azobenzene
Concen: 2.733 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

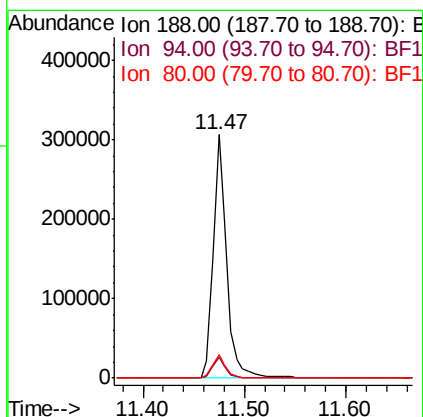
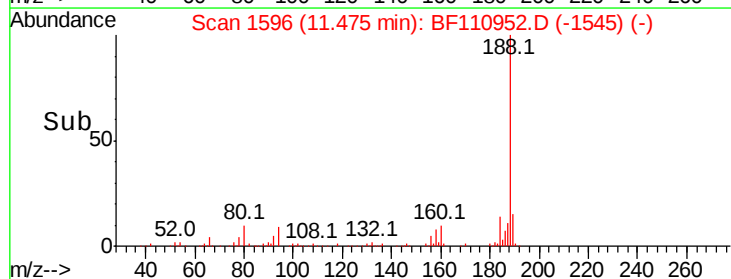
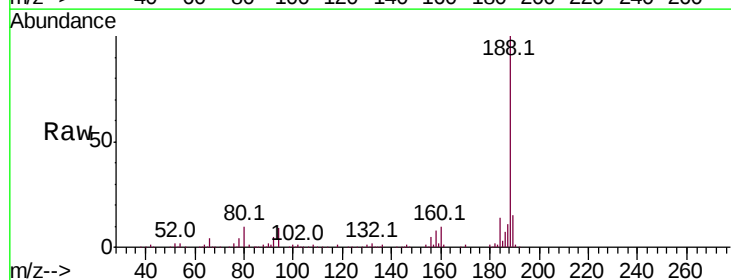
Instrument :
BNA_F
ClientSampleId :

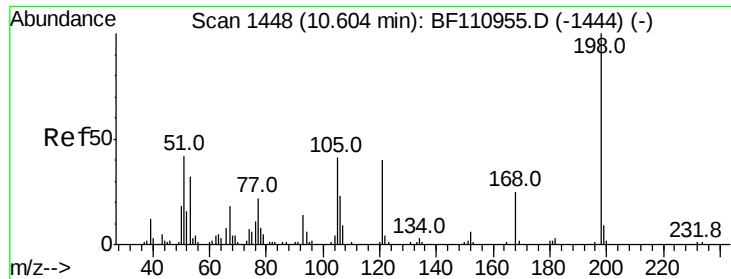
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.3	44.3
105	22.7	1.3	41.3
51	30.8	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.9	11.9

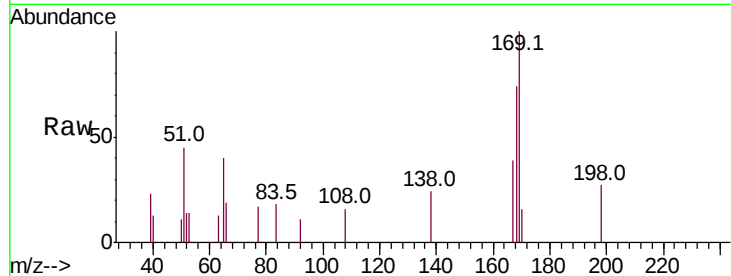




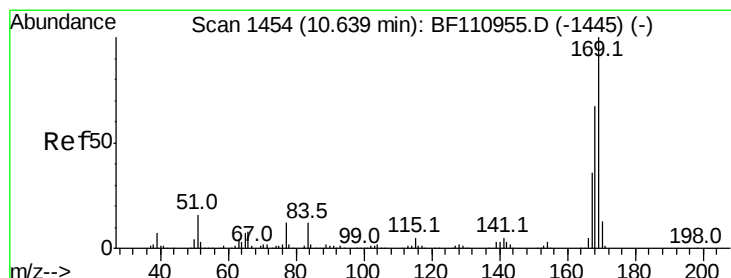
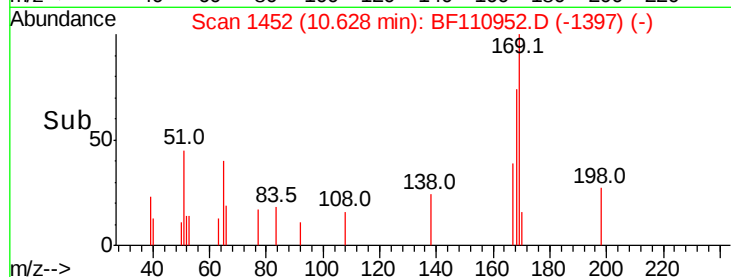
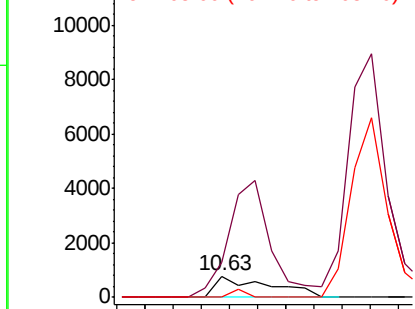
#65
4,6-Dinitro-2-methylphenol
Concen: 0.722 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1034
Ion Ratio Lower Upper
198 100
51 165.2 22.8 62.8#
105 0.0 23.6 63.6#

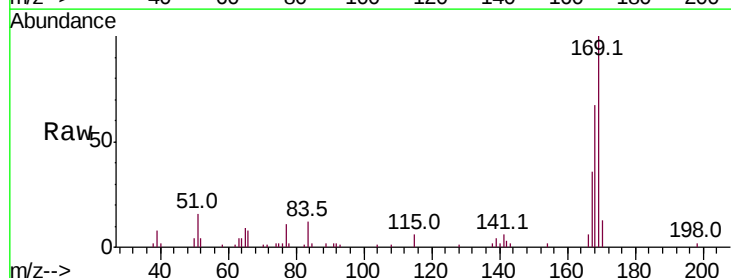


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

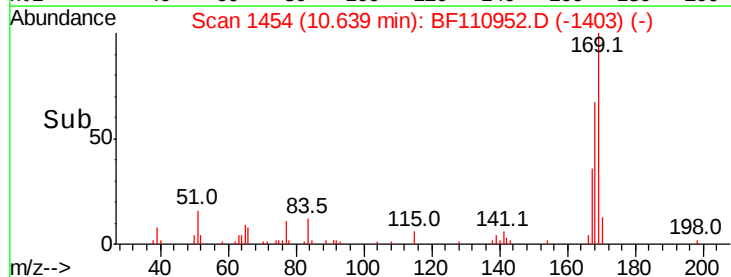
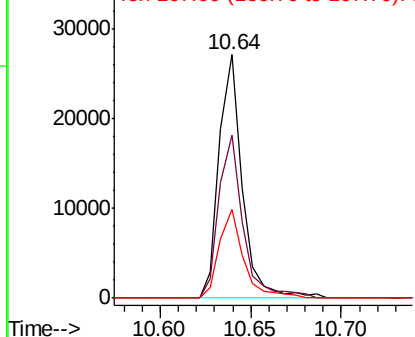


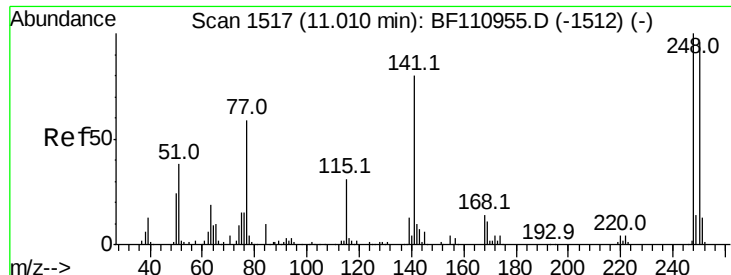
#66
n-Nitrosodiphenylamine
Concen: 2.521 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:169 Resp: 24136
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 36.3 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

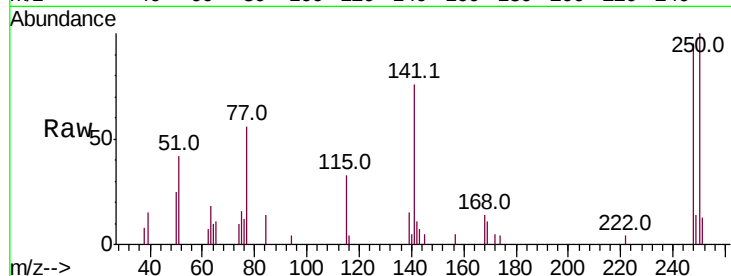




#67
 4-Bromophenyl-phenylether
 Concen: 2.516 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	105.4	79.4	119.2
141	80.2	55.9	83.9

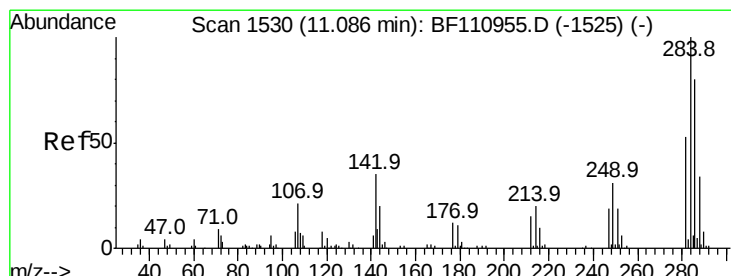
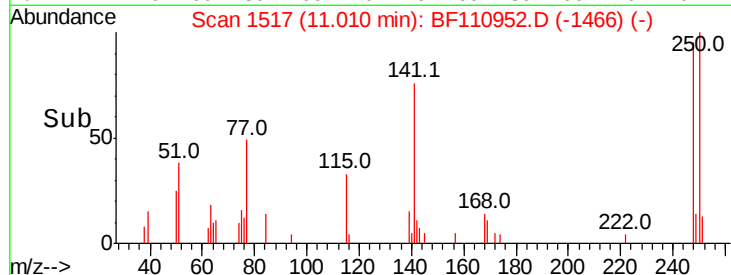
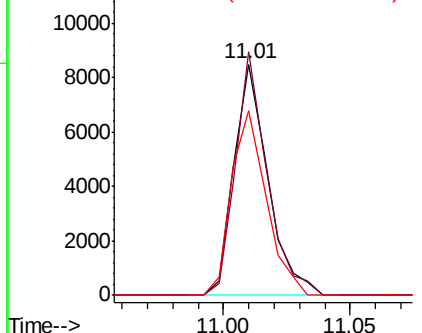


Abundance

Ion 248.00 (247.70 to 248.70): E

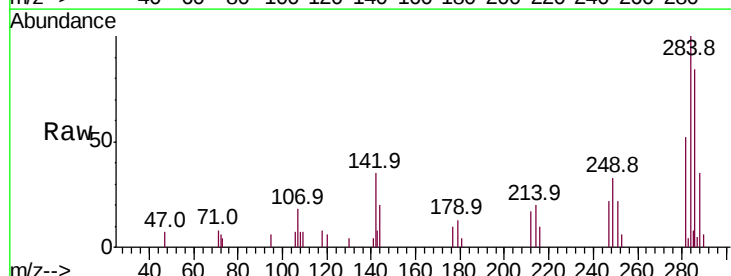
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 2.598 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	23.9	35.9
249	33.1	24.2	36.2

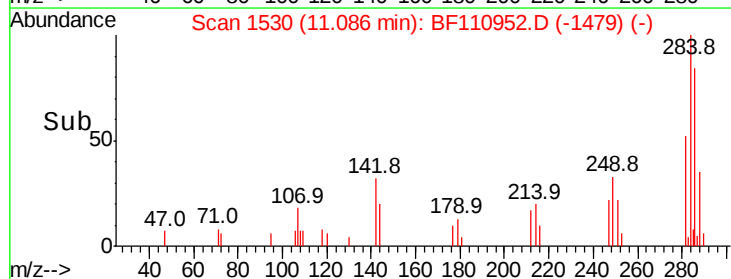
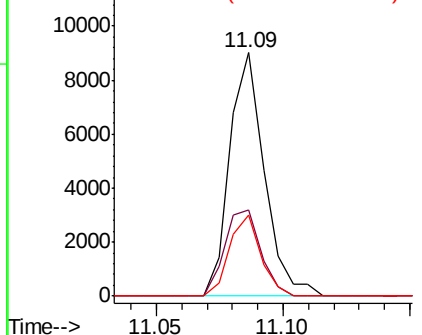


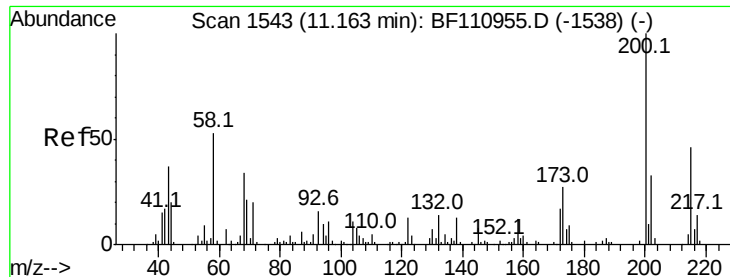
Abundance

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: 2.679 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

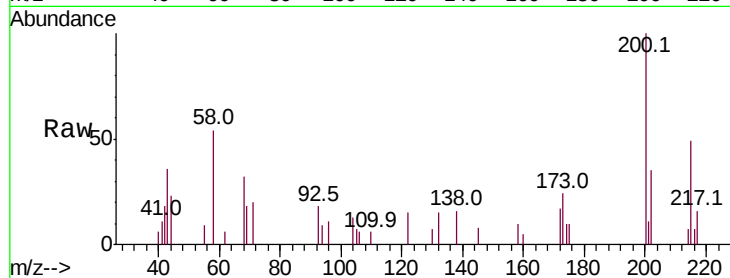
Tot Ion:200 Resp: 7844

Ion Ratio Lower Upper

200 100

173 24.2 6.6 46.6

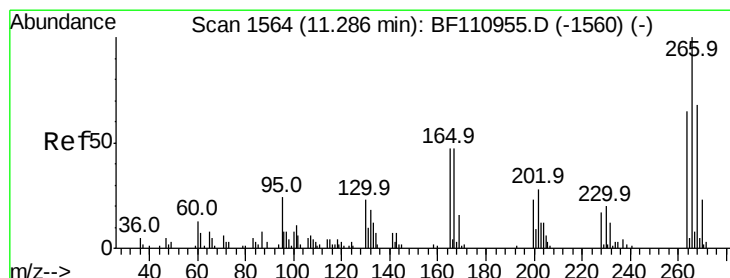
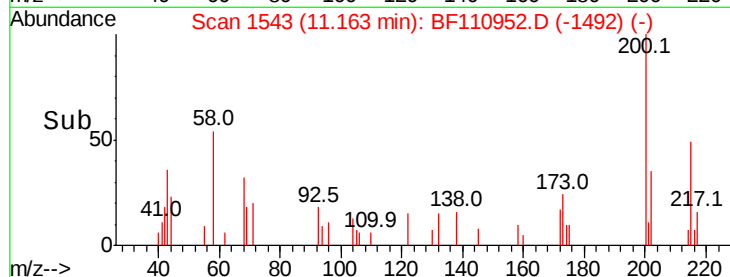
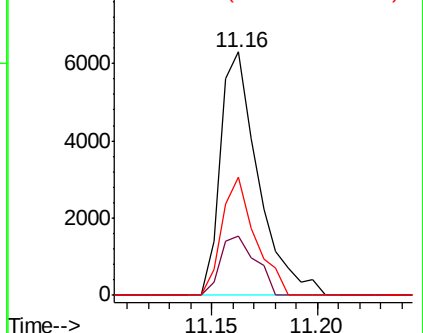
215 48.6 26.3 66.3



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: 0.748 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

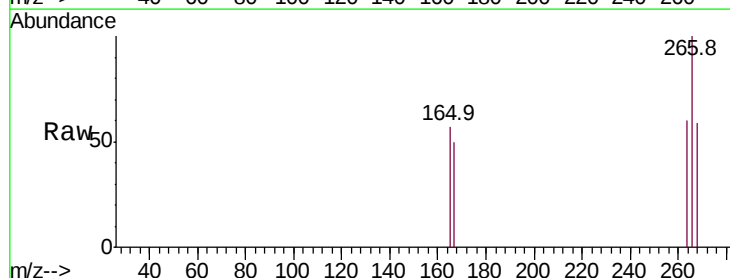
Tgt Ion:266 Resp: 1322

Ion Ratio Lower Upper

266 100

268 58.7 50.6 75.8

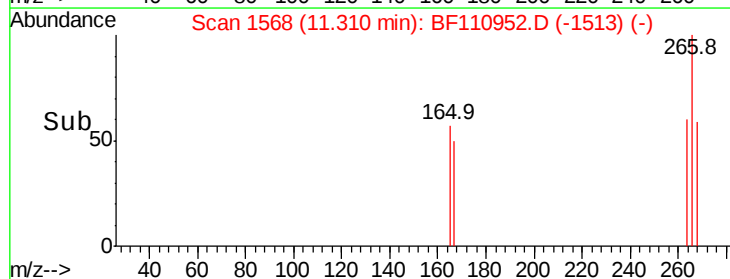
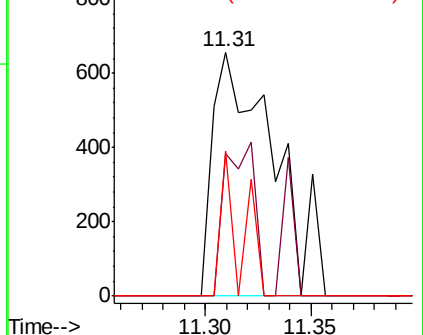
264 59.8 50.6 75.8

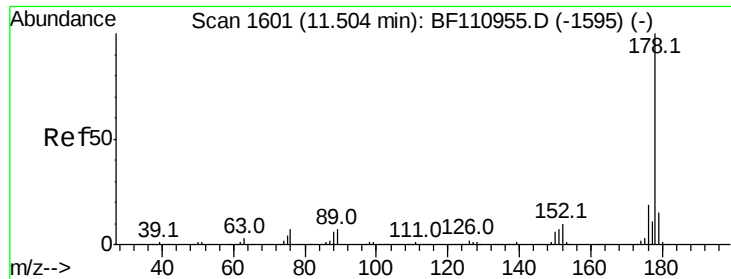


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

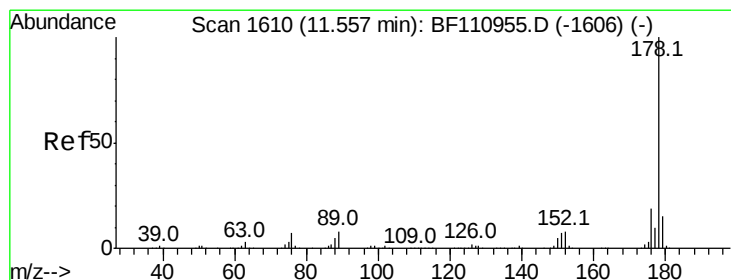
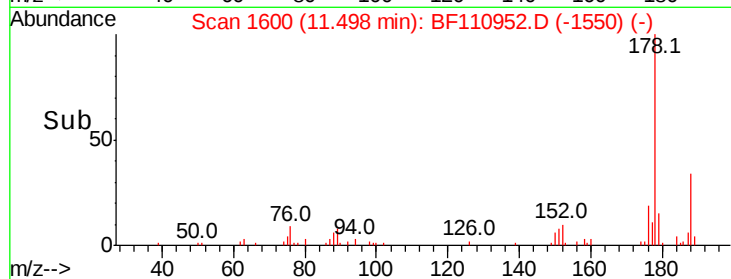
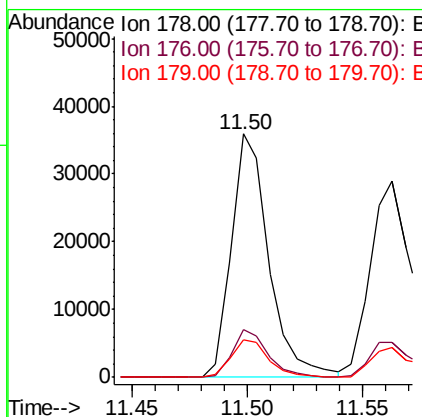
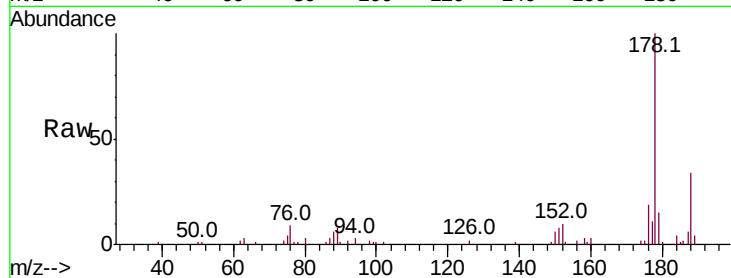




#71
 Phenanthrene
 Concen: 2.672 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

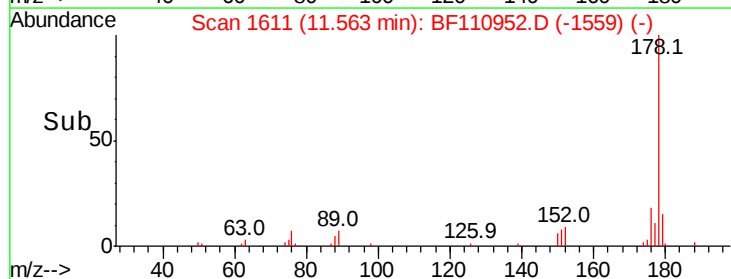
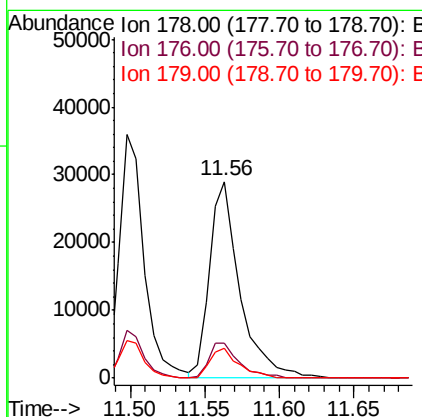
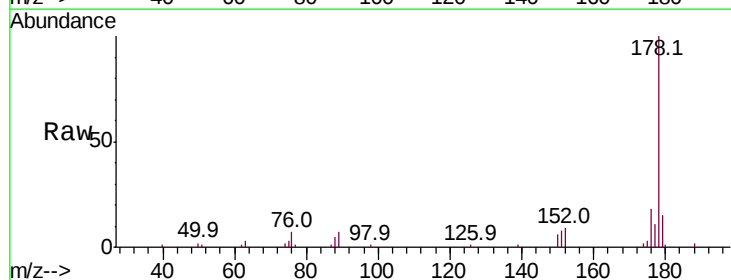
Instrument :
 BNA_F
 ClientSampled :

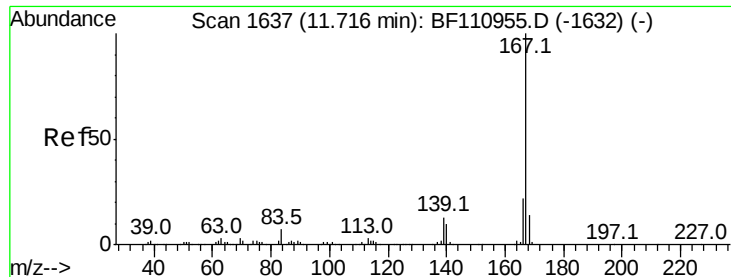
Tot Ion:178 Resp: 40663
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.2 12.5 18.7



#72
 Anthracene
 Concen: 2.680 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:178 Resp: 41153
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 15.2 12.6 18.8

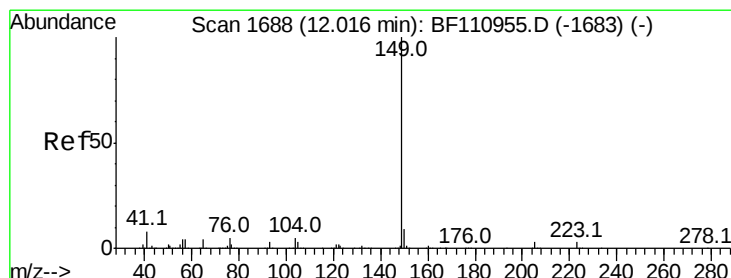
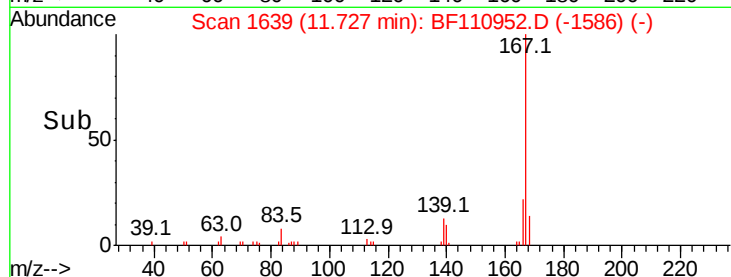
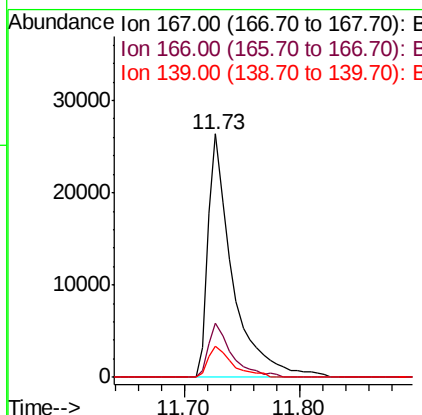
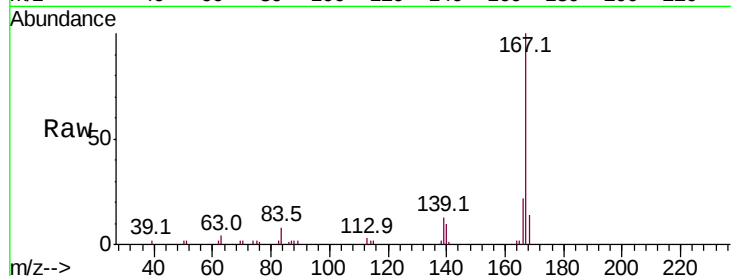




#73
 Carbazole
 Concen: 2.645 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

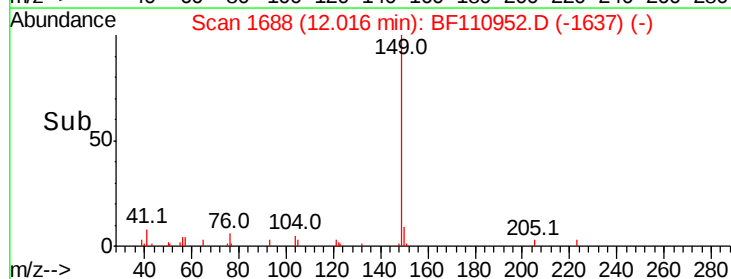
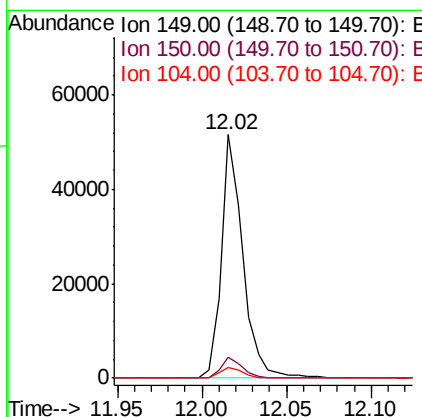
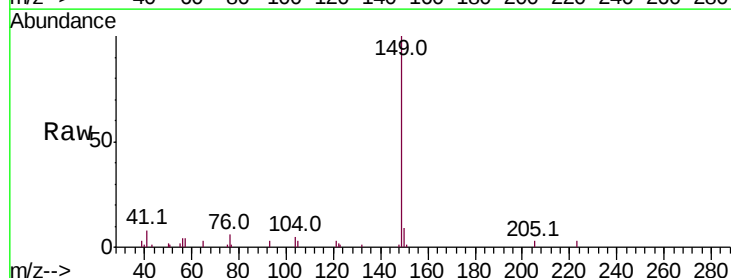
Instrument :
 BNA_F
 ClientSampleId :

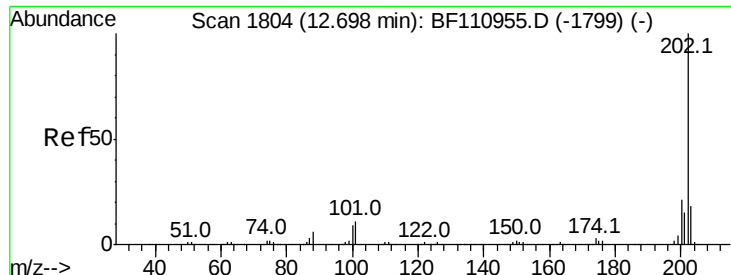
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 2.652 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.6	4.2	6.4

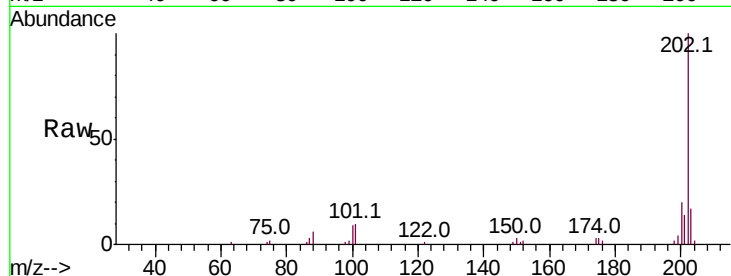




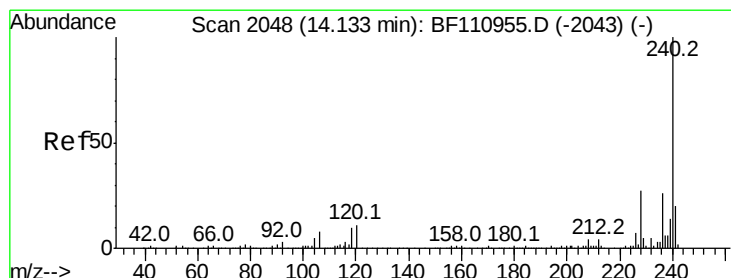
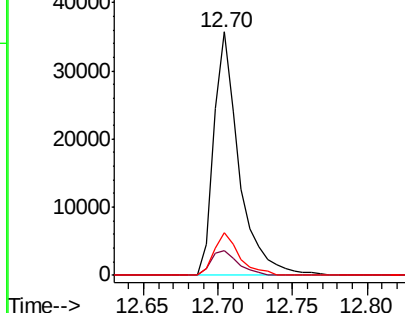
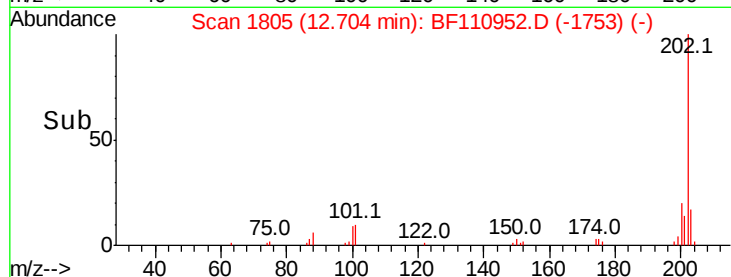
#75
 Fluoranthene
 Concen: 2.758 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 42084
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 17.4 0.0 37.7

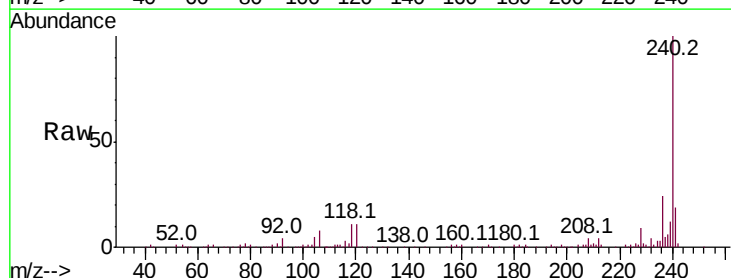


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

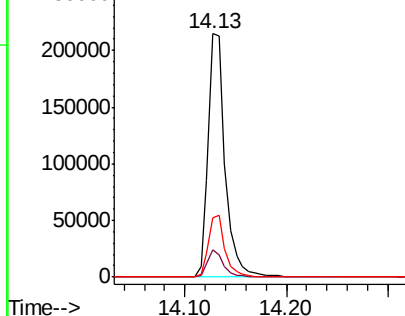
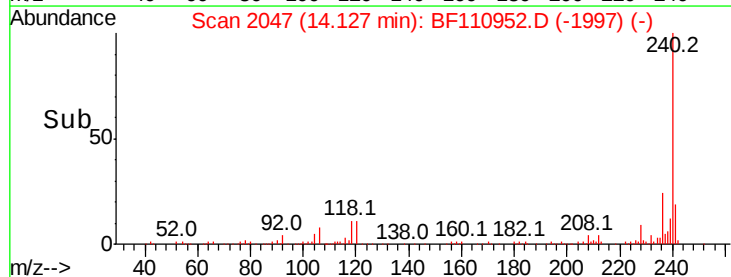


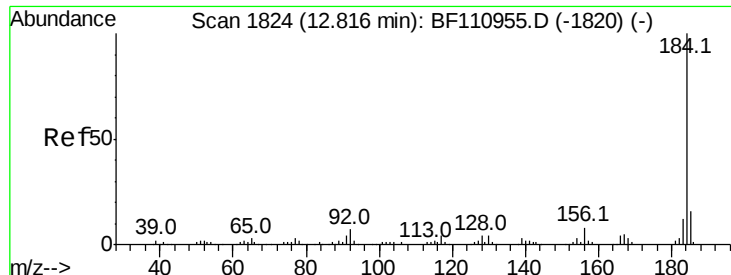
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110952.D
 Acq: 26 Nov 2018 9:37

Tgt Ion:240 Resp: 250797
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 24.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.238 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

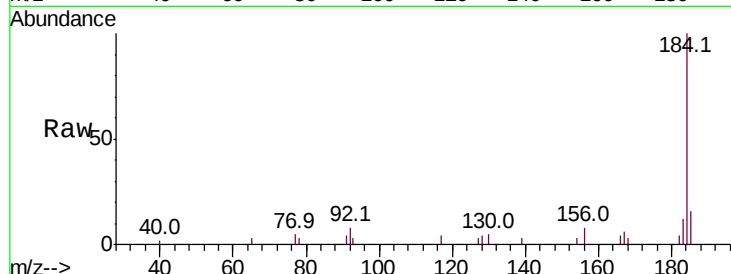
Tot Ion:184 Resp: 22331

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.2

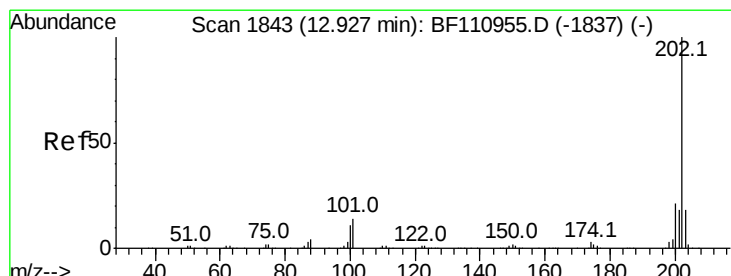
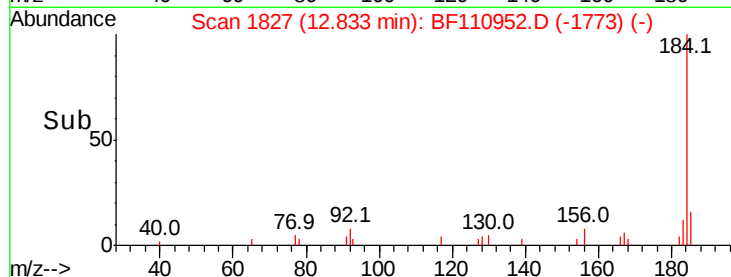
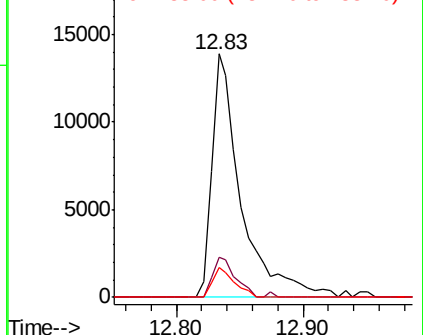
183 12.2 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.246 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

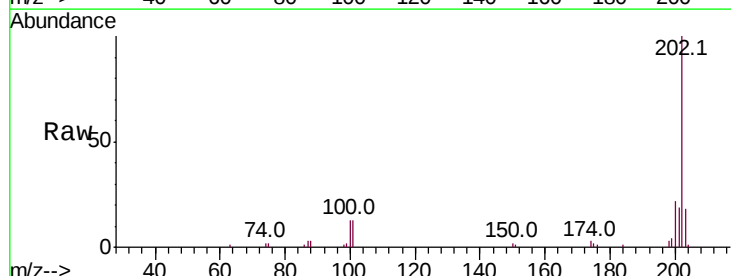
Tgt Ion:202 Resp: 43370

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

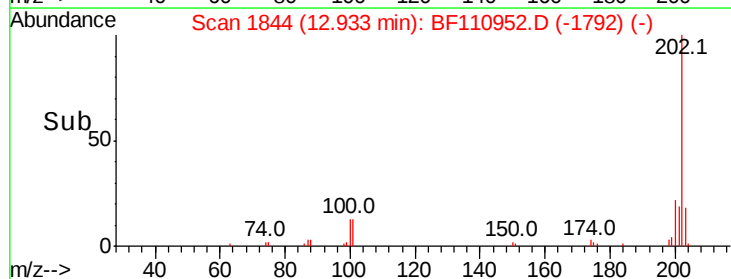
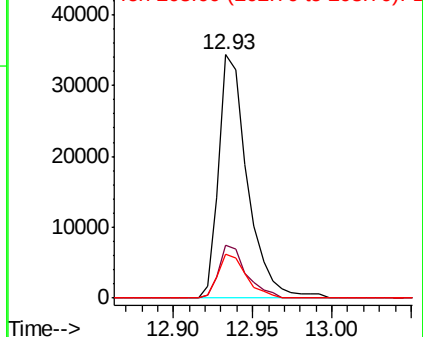
203 17.9 14.2 21.4

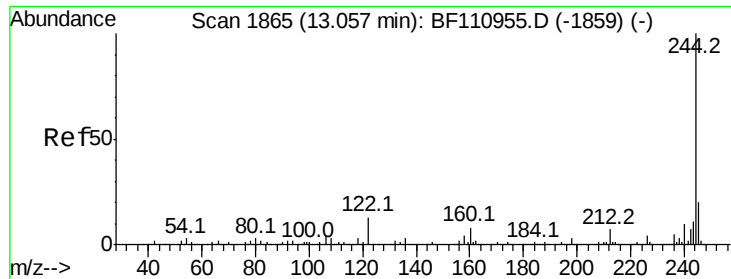


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 4.942 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

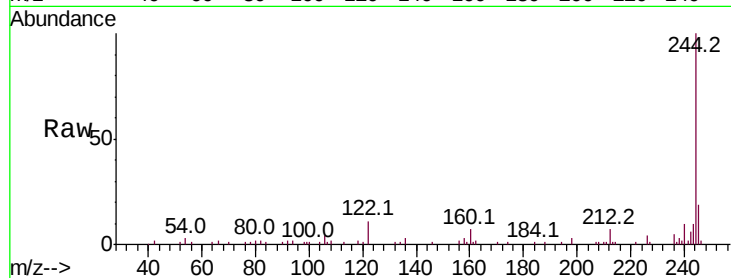
Tot Ion:244 Resp: 66176

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

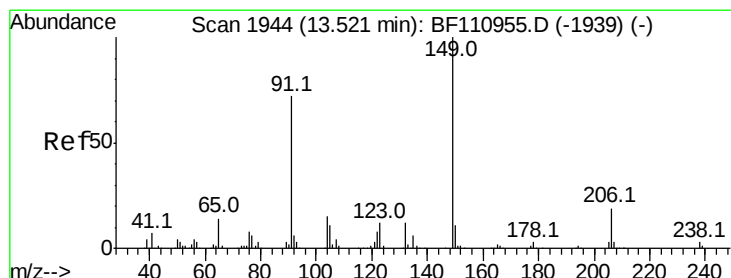
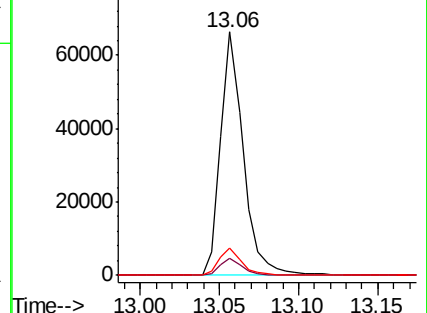
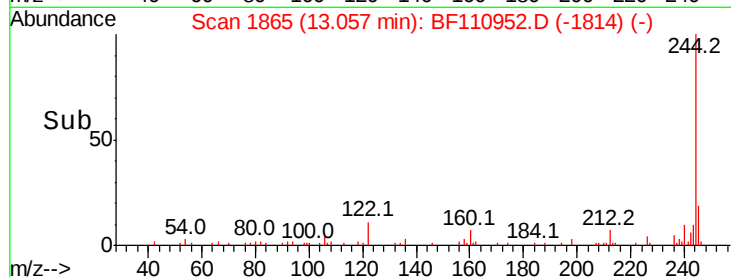
122 11.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.307 ng

RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

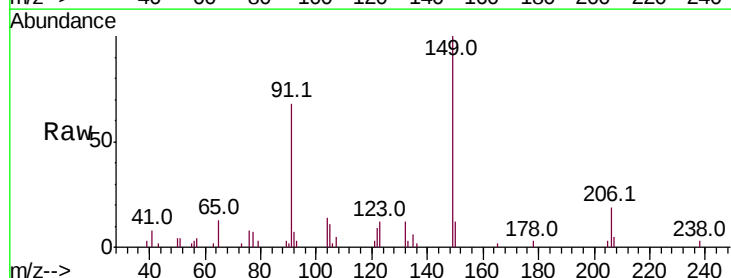
Tgt Ion:149 Resp: 19172

Ion Ratio Lower Upper

149 100

91 67.5 57.2 85.8

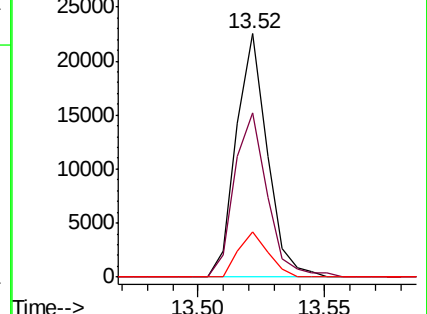
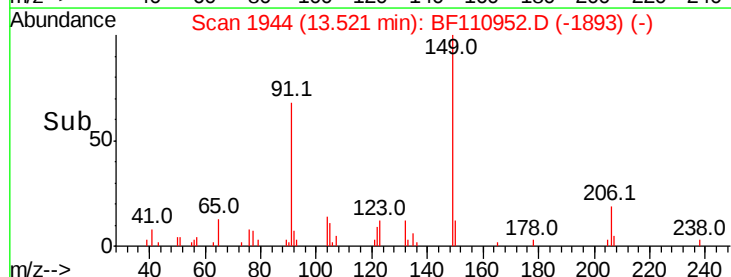
206 18.5 15.7 23.5

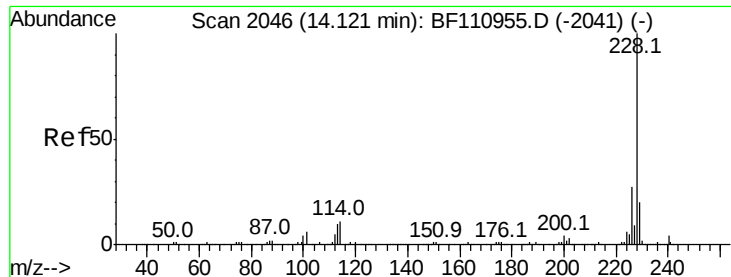


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

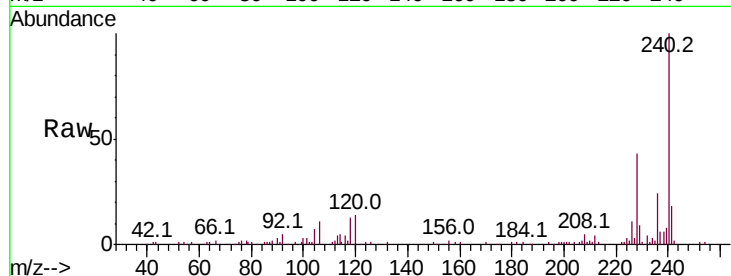




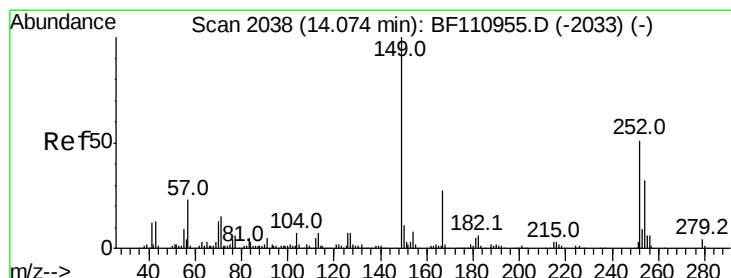
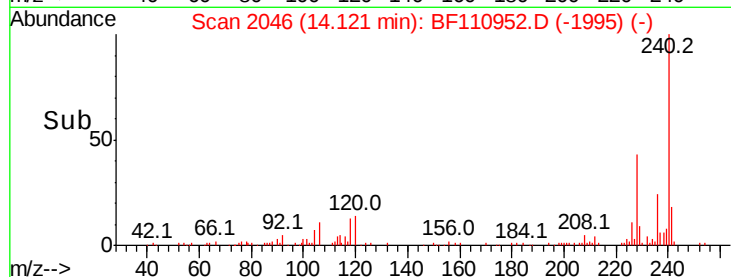
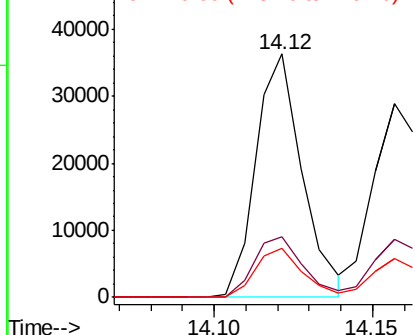
#81
Benzo(a)anthracene
Concen: 2.466 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 36970
Ion Ratio Lower Upper
228 100
226 24.8 22.1 33.1
229 20.1 15.6 23.4

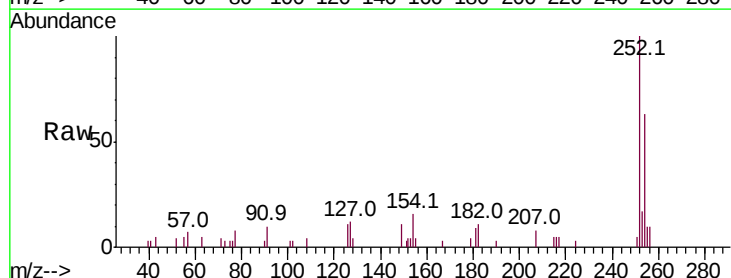


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

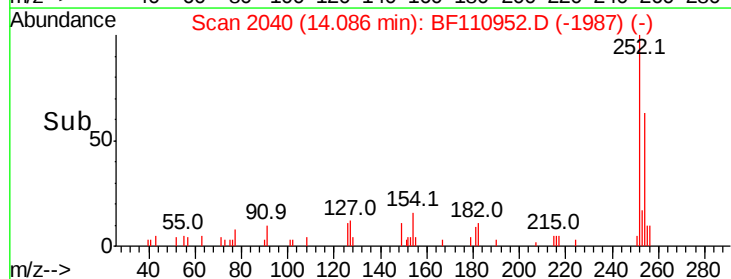
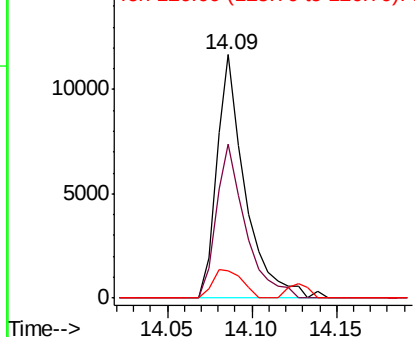


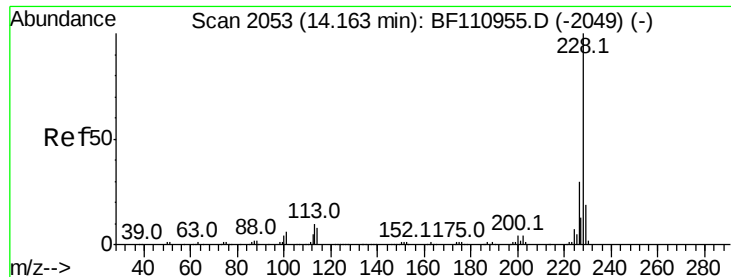
#82
3,3'-Dichlorobenzidine
Concen: 2.721 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:252 Resp: 13665
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 11.4 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: 2.677 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampled :

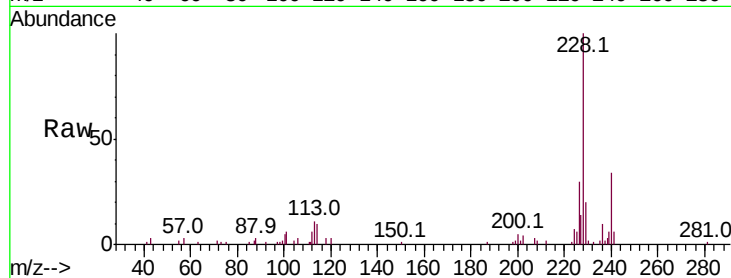
Tot Ion:228 Resp: 38238

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.8 15.9 23.9

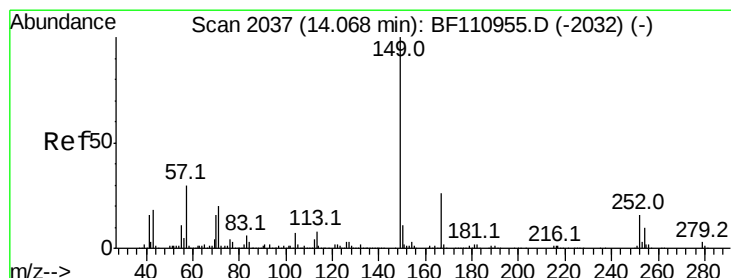
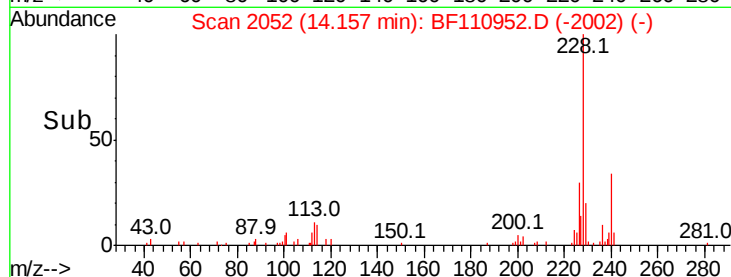
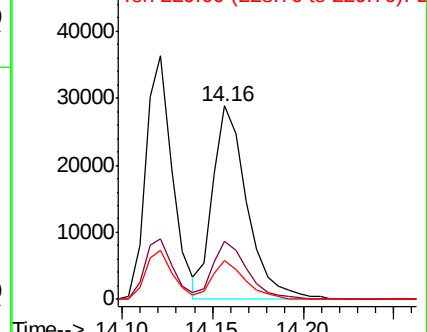


Abundance

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: 2.521 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

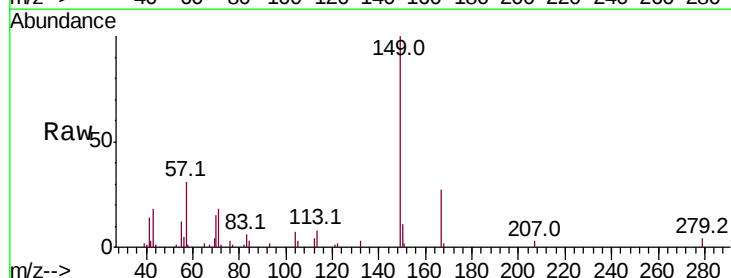
Tgt Ion:149 Resp: 25994

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

279 3.5 2.7 4.1

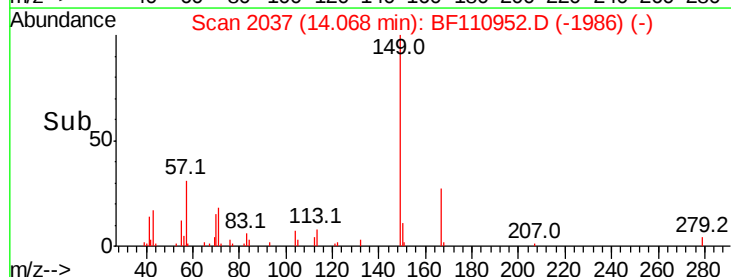
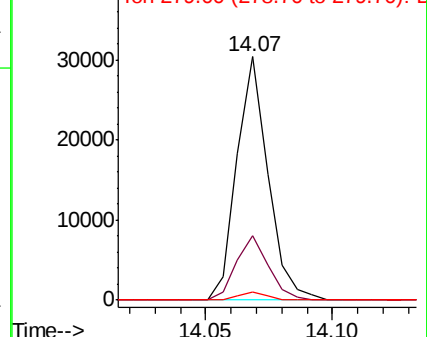


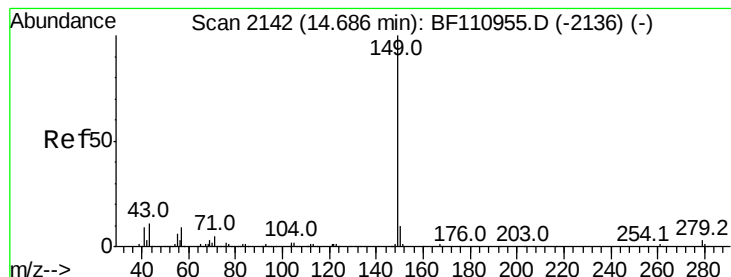
Abundance

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: 2.841 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

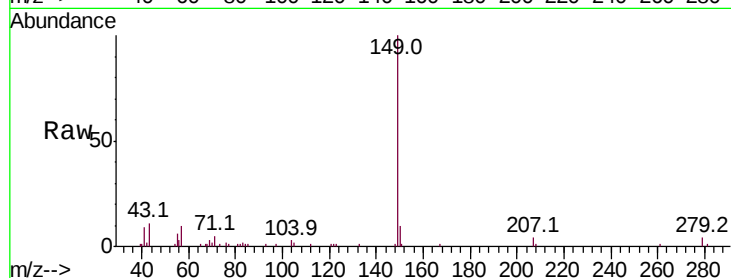
Tot Ion:149 Resp: 43081

Ion Ratio Lower Upper

149 100

167 0.9 1.1 1.7#

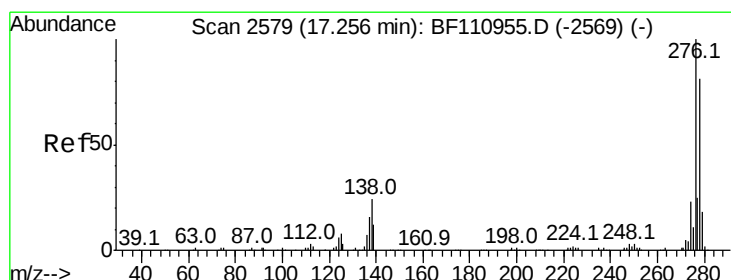
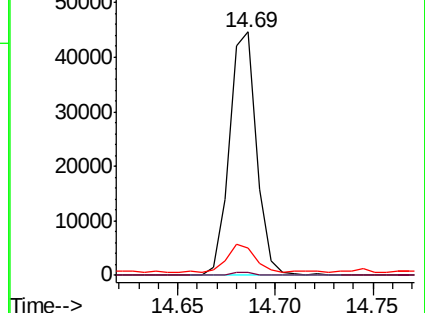
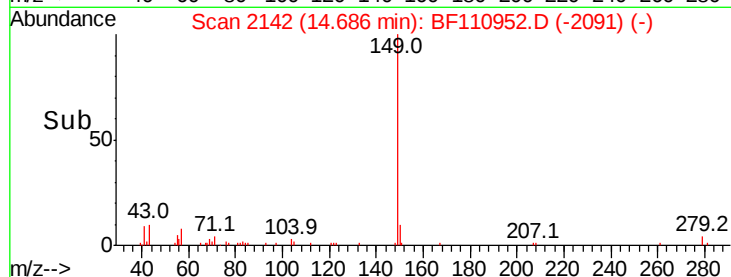
43 12.7 7.8 11.8#



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: 2.773 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

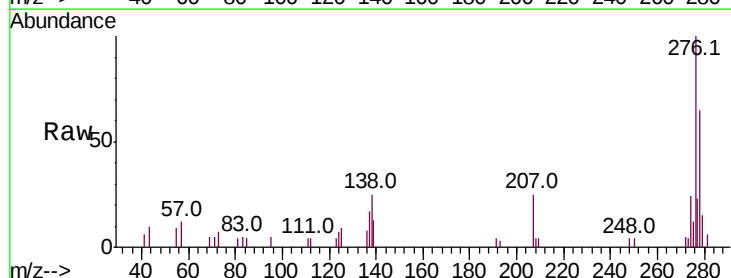
Tgt Ion:276 Resp: 28423

Ion Ratio Lower Upper

276 100

138 22.2 18.5 27.7

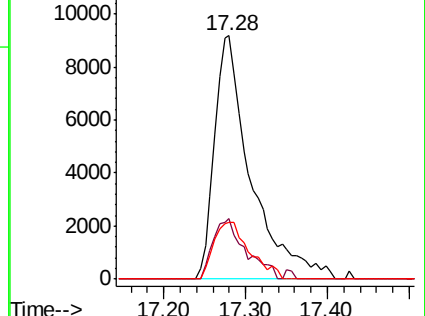
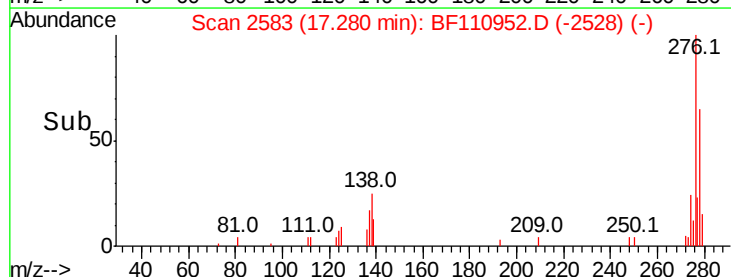
277 22.9 20.0 30.0

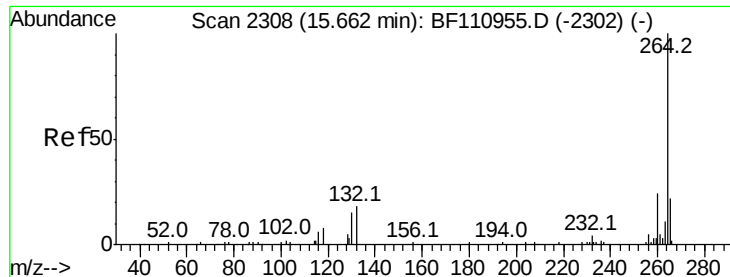


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



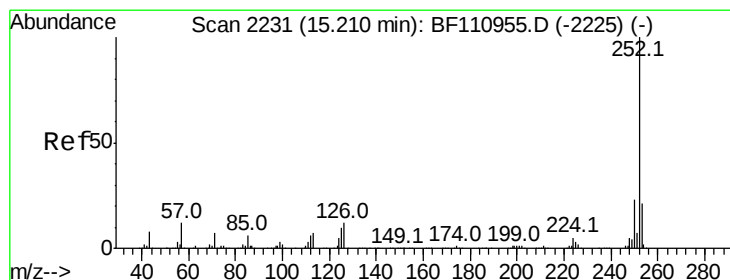
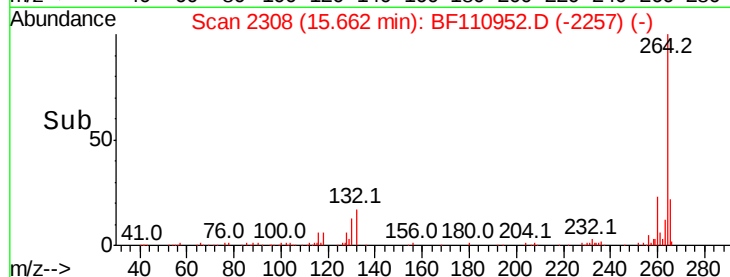
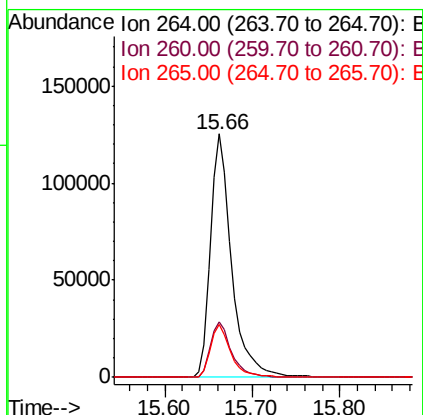
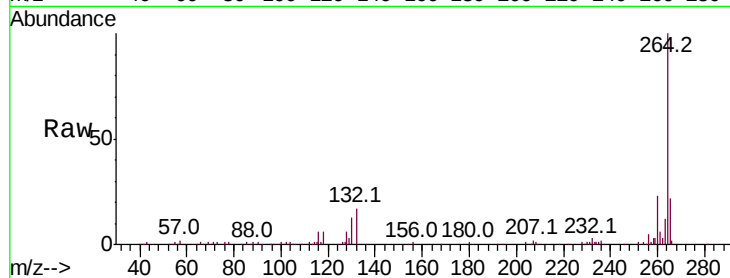


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 211235

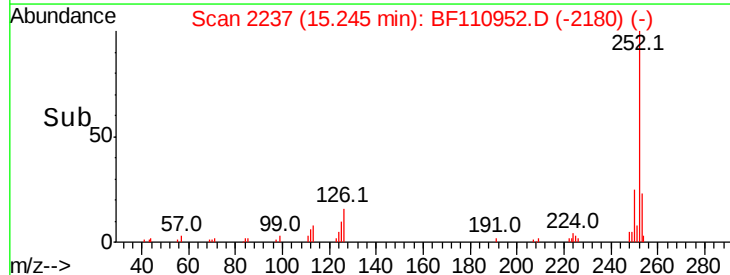
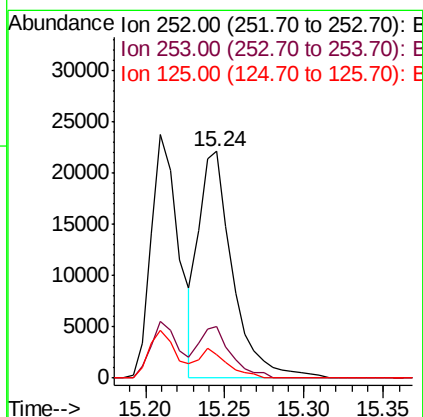
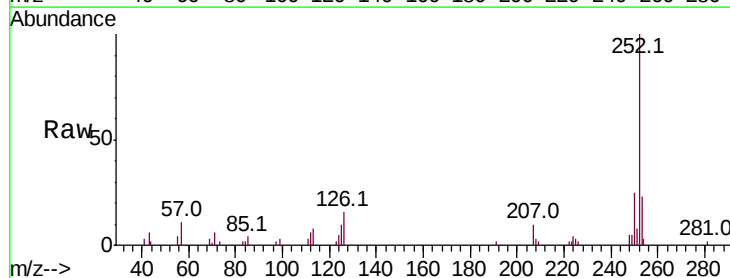
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.7	16.7	25.1

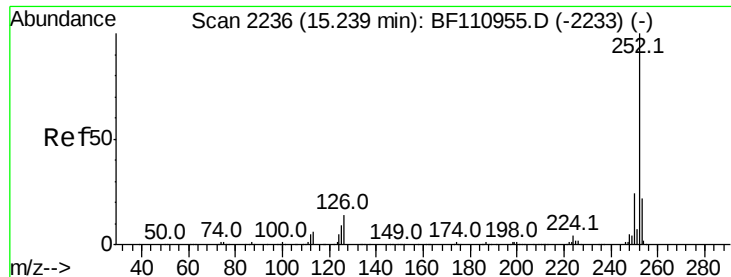


#88
Benzo(b)fluoranthene
Concen: 2.609 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.04 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:252 Resp: 32966

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.1	8.2	12.4

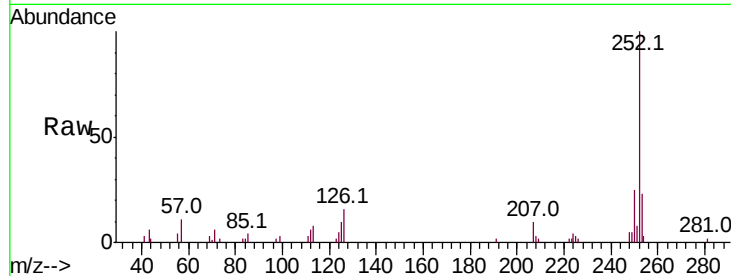




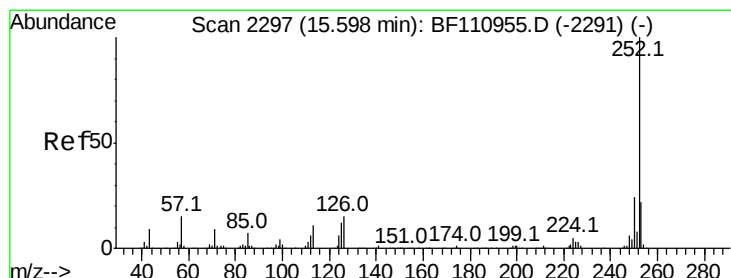
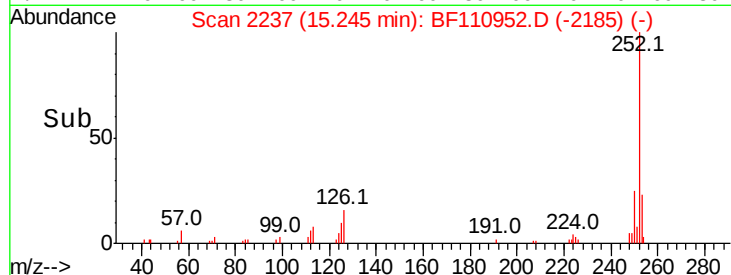
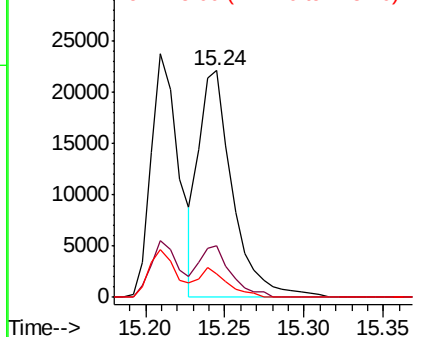
#89
Benzo(k)fluoranthene
Concen: 2.640 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 32966
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.1 7.4 11.0

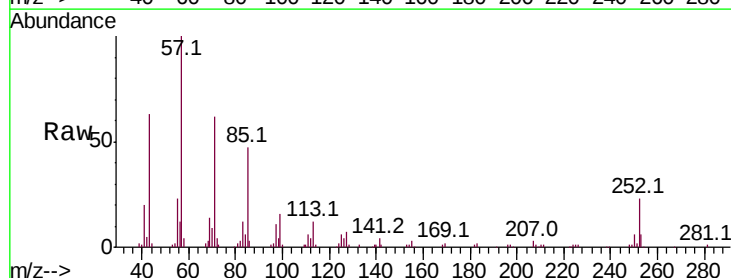


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

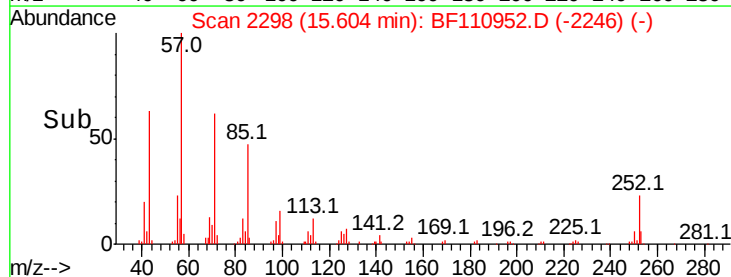
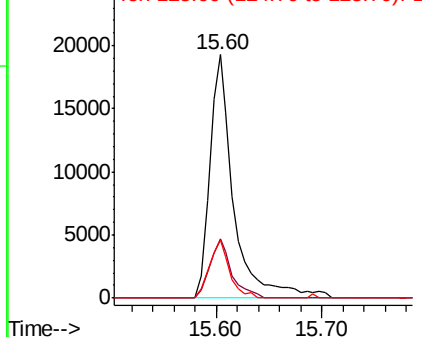


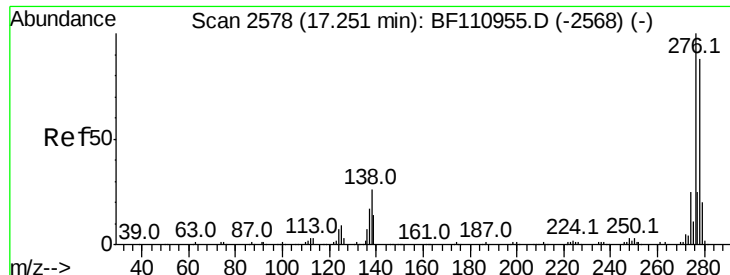
#90
Benzo(a)pyrene
Concen: 2.641 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110952.D
Acq: 26 Nov 2018 9:37

Tgt Ion:252 Resp: 30319
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.4
125 24.0 9.0 13.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 2.383 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.02 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

Instrument :

BNA_F

ClientSampleId :

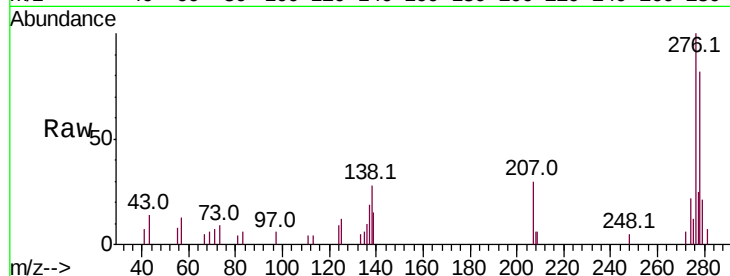
Tot Ion:278 Resp: 23149

Ion Ratio Lower Upper

278 100

139 17.7 12.7 19.1

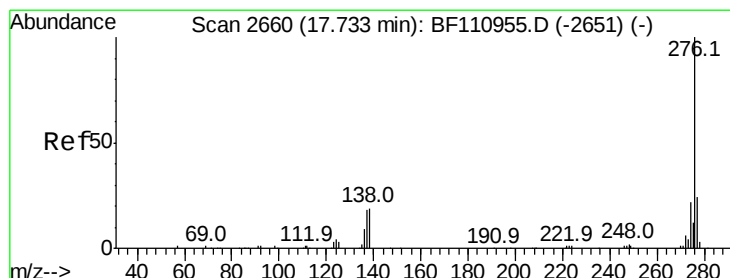
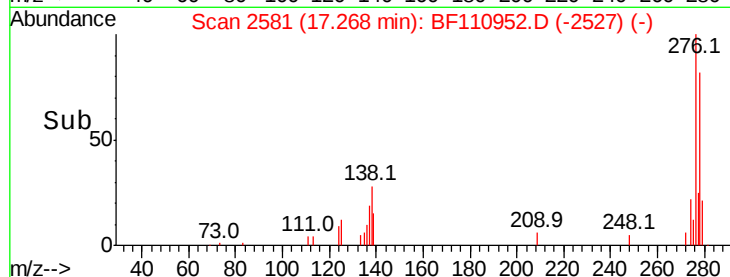
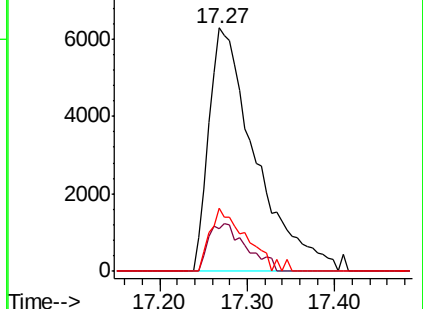
279 25.8 19.0 28.4



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: 2.200 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.04 min

Lab File: BF110952.D

Acq: 26 Nov 2018 9:37

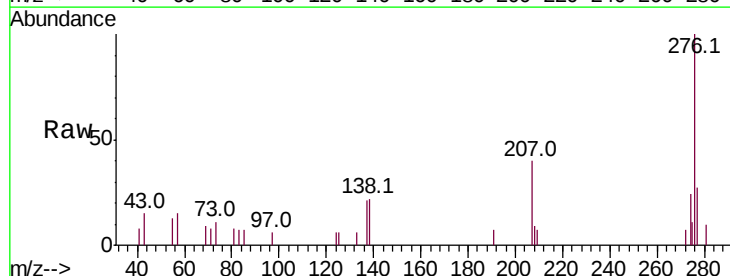
Tgt Ion:276 Resp: 21208

Ion Ratio Lower Upper

276 100

277 26.7 18.8 28.2

138 21.8 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

