

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF110997.D
 Acq On : 27 Nov 2018 9:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 10:33:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61427	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	272706	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	133907	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	255619	20.00	ng	0.00
76) Chrysene-d12	14.14	240	184212	20.00	ng	0.00
87) Perylene-d12	15.67	264	135375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	305785	82.55	ng	0.00
7) Phenol-d6	6.57	99	397588	82.36	ng	0.00
23) Nitrobenzene-d5	7.51	82	385980	81.00	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	108488	81.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	744026	80.50	ng	0.00
79) Terphenyl-d14	13.06	244	778412	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	69069	38.920	ng	89
3) Pyridine	3.55	79	147590	37.980	ng	# 87
4) n-Nitrosodimethylamine	3.52	42	71708	40.327	ng	# 83
6) Aniline	6.60	93	253148	42.422	ng	# 57
8) 2-Chlorophenol	6.73	128	182203	41.505	ng	98
9) Benzaldehyde	6.50	77	106654	41.869	ng	98
10) Phenol	6.59	94	227662	41.878	ng	# 66
11) bis(2-Chloroethyl)ether	6.67	93	166333	40.613	ng	95
12) 1,3-Dichlorobenzene	6.87	146	196011	40.644	ng	98
13) 1,4-Dichlorobenzene	6.96	146	201159	40.561	ng	98
14) 1,2-Dichlorobenzene	7.11	146	189544	40.608	ng	99
15) Benzyl Alcohol	7.09	79	159707	43.051	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	269877	41.405	ng	82
17) 2-Methylphenol	7.19	107	143091	40.996	ng	# 86
18) Hexachloroethane	7.44	117	75397	41.330	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	132404	42.108	ng	96
20) 3+4-Methylphenols	7.35	107	193913	41.793	ng	# 83
22) Acetophenone	7.35	105	259631	40.617	ng	# 91
24) Nitrobenzene	7.53	77	192679	38.884	ng	97
25) Isophorone	7.76	82	317321	40.597	ng	97
26) 2-Nitrophenol	7.85	139	101899	42.327	ng	92
27) 2,4-Dimethylphenol	7.87	122	149751	41.190	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	213029	40.682	ng	99
29) 2,4-Dichlorophenol	8.09	162	155524	40.880	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	171066	40.123	ng	95
31) Naphthalene	8.25	128	514815	40.273	ng	100
32) Benzoic acid	8.02	122	105407	38.996	ng	98
33) 4-Chloroaniline	8.30	127	228073	41.918	ng	99
34) Hexachlorobutadiene	8.35	225	97994	40.354	ng	99
35) Caprolactam	8.69	113	53680	41.330	ng	91
36) 4-Chloro-3-methylphenol	8.78	107	173031	40.934	ng	98
37) 2-Methylnaphthalene	8.93	142	341385	40.432	ng	99
38) 1-Methylnaphthalene	8.93	142	341385	41.567	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	170442	40.462	ng	98

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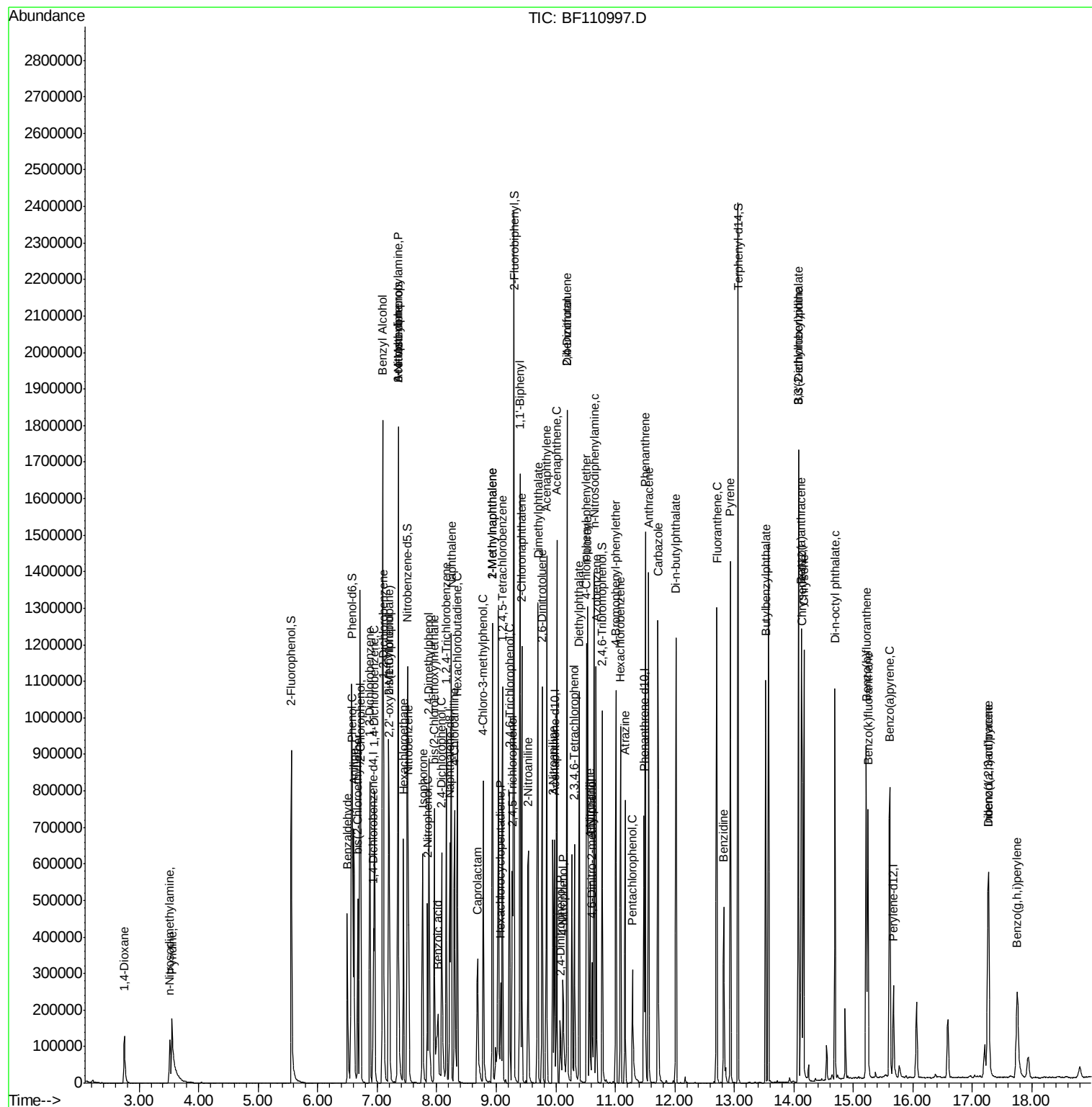
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	32579	57.286	ng	97
43) 2,4,6-Trichlorophenol	9.22	196	103705	41.221	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	108045	40.786	ng	96
46) 1,1'-Biphenyl	9.40	154	500101	40.509	ng	100
47) 2-Chloronaphthalene	9.43	162	359409	40.152	ng	98
48) 2-Nitroaniline	9.54	65	116469	41.599	ng	92
49) Acenaphthylene	9.85	152	508451	39.946	ng	97
50) Dimethylphthalate	9.70	163	393432	40.061	ng	100
51) 2,6-Dinitrotoluene	9.77	165	88612	40.530	ng #	86
52) Acenaphthene	10.02	154	326972	40.071	ng	99
53) 3-Nitroaniline	9.95	138	105720	41.489	ng	92
54) 2,4-Dinitrophenol	10.07	184	29274	39.854	ng	94
55) Dibenzofuran	10.19	168	472322	39.678	ng	99
56) 4-Nitrophenol	10.12	139	57746	42.844	ng	97
57) 2,4-Dinitrotoluene	10.19	165	114414	40.336	ng	94
58) Fluorene	10.53	166	375004	40.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	85133	39.159	ng	91
60) Diethylphthalate	10.39	149	413321	40.812	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	193889	40.024	ng	95
62) 4-Nitroaniline	10.57	138	97372	41.041	ng	98
63) Azobenzene	10.68	77	396605	40.178	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	47969	39.671	ng	98
66) n-Nitrosodiphenylamine	10.65	169	348565	40.962	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	114144	41.001	ng #	89
68) Hexachlorobenzene	11.09	284	117575	39.651	ng #	88
69) Atrazine	11.17	200	97637	41.570	ng	100
70) Pentachlorophenol	11.29	266	53389	45.255	ng	99
71) Phenanthrene	11.50	178	545919	40.324	ng	99
72) Anthracene	11.56	178	552928	40.104	ng	99
73) Carbazole	11.72	167	543704	40.629	ng	99
74) Di-n-butylphthalate	12.02	149	632730	40.439	ng	98
75) Fluoranthene	12.70	202	554534	39.853	ng	98
77) Benzidine	12.82	184	208745	44.303	ng	96
78) Pyrene	12.93	202	565423	42.025	ng	99
80) Butylbenzylphthalate	13.53	149	254750	41.939	ng	97
81) Benzo(a)anthracene	14.13	228	444268	40.850	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	156866	42.065	ng	99
83) Chrysene	14.17	228	429935	40.158	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	338502	41.821	ng	96
85) Di-n-octyl phthalate	14.69	149	514428	40.263	ng	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	306705	39.910	ng	99
88) Benzo(b)fluoranthene	15.22	252	318843	40.092	ng	100
89) Benzo(k)fluoranthene	15.24	252	331327	40.476	ng	98
90) Benzo(a)pyrene	15.61	252	292021	39.448	ng	99
91) Dibenzo(a,h)anthracene	17.27	278	255271	41.794	ng	99
92) Benzo(g,h,i)perylene	17.75	276	248608	42.215	ng	98

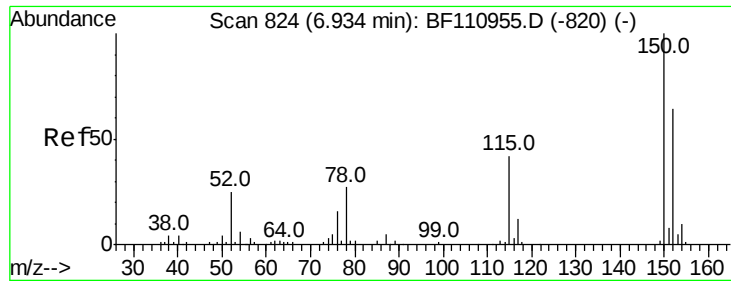
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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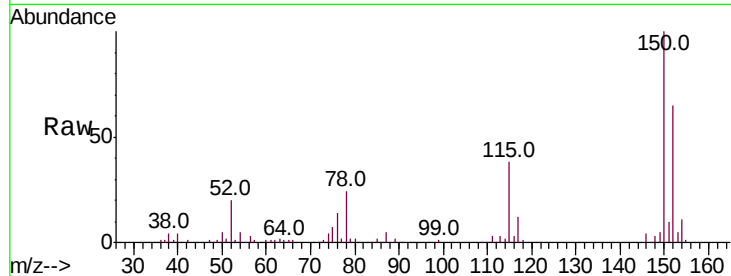


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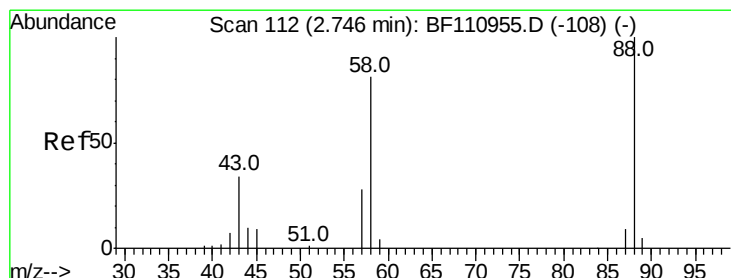
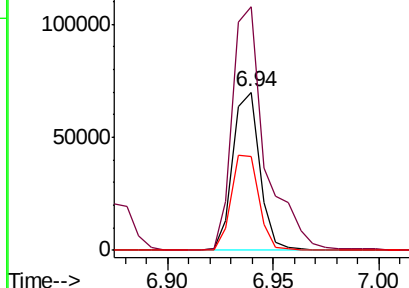
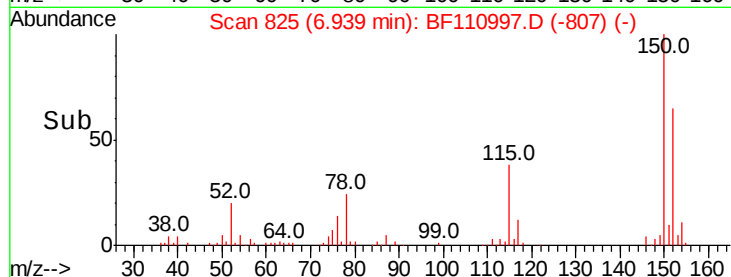
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 61427
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 58.9 49.1 73.7



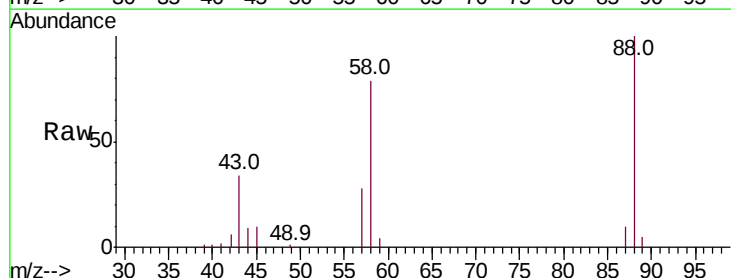
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



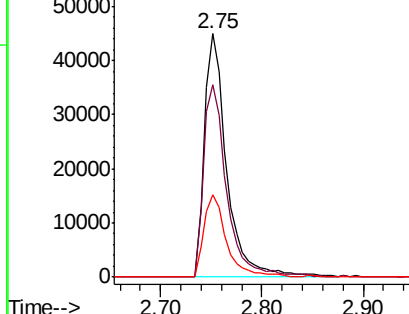
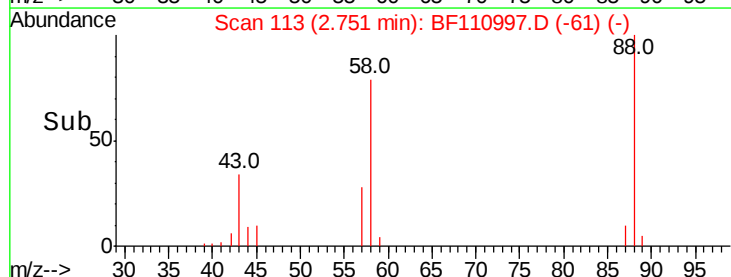
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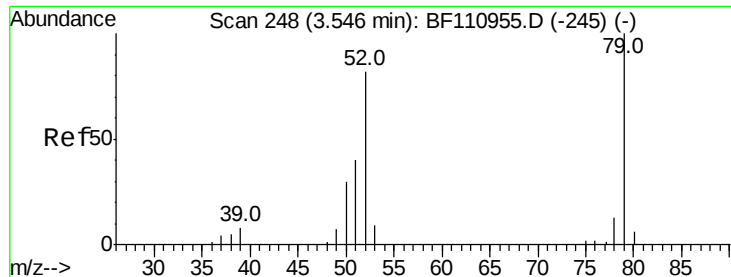
1,4-Dioxane
Concen: 38.920 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion: 88 Resp: 69069
Ion Ratio Lower Upper
88 100
58 81.4 57.1 85.7
43 34.3 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

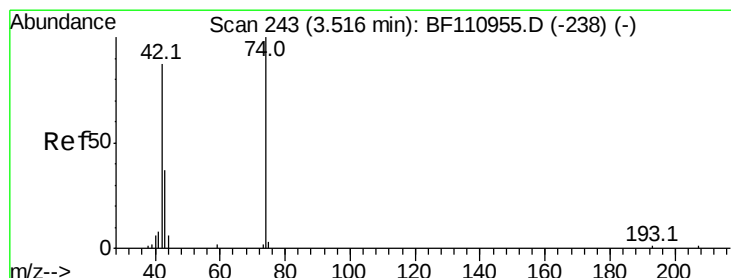
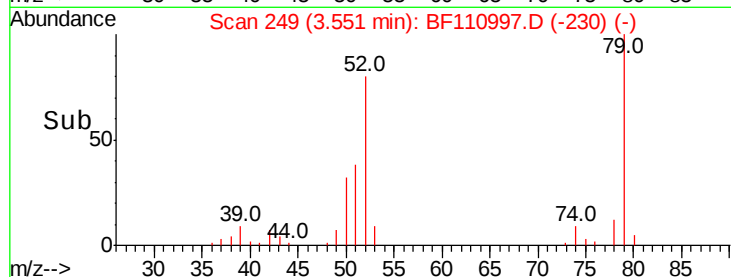
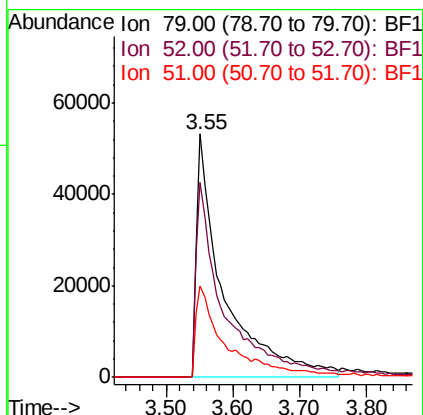
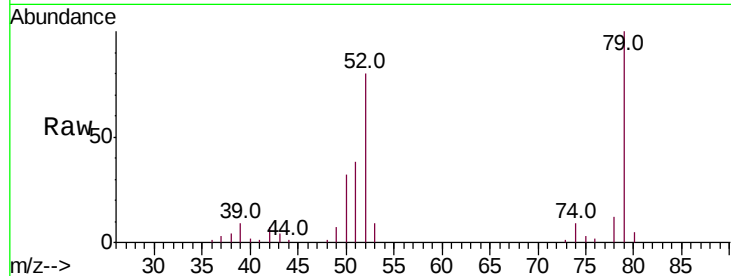




#3
 Pvridine
 Concen: 37.980 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

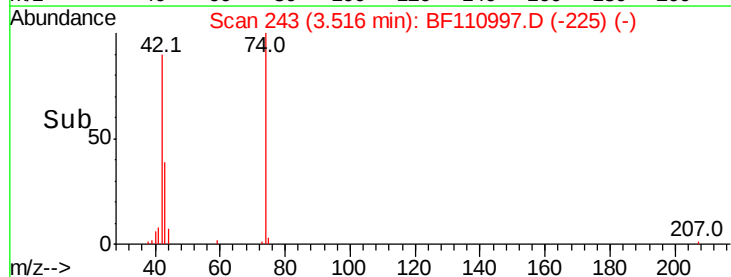
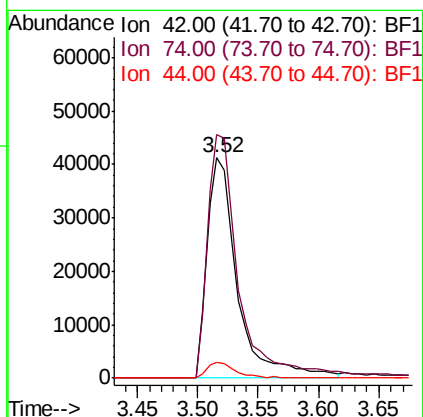
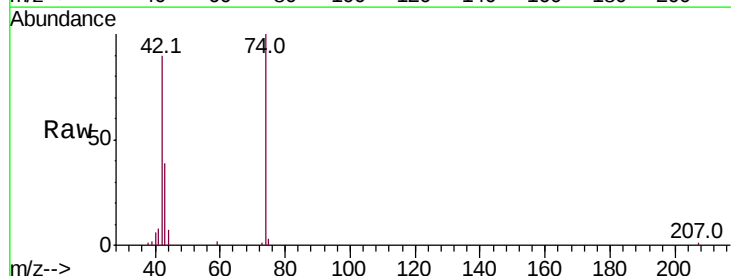
Instrument :
 BNA_F
 ClientSampleId :

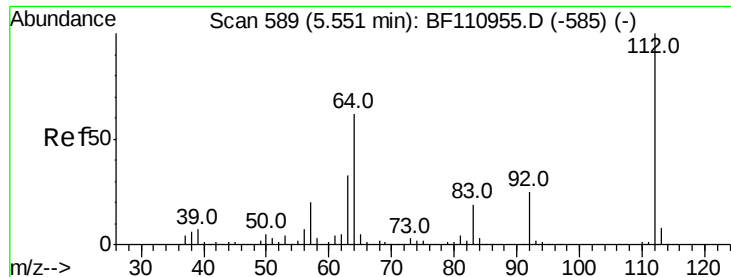
Tot Ion: 79 Resp: 147590
 Ion Ratio Lower Upper
 79 100
 52 80.2 53.1 79.7#
 51 37.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.327 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion: 42 Resp: 71708
 Ion Ratio Lower Upper
 42 100
 74 110.6 105.5 158.3
 44 7.4 4.9 7.3#





#5

2-Fluorophenol

Concen: 82.551 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampled :

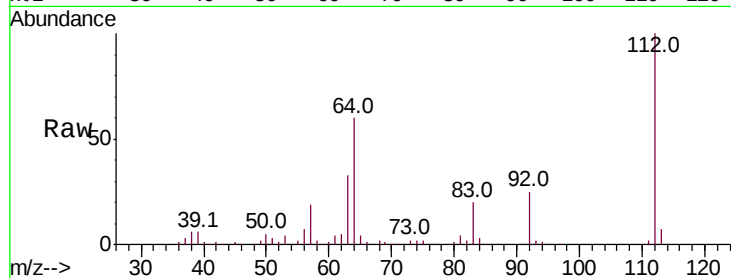
Tot Ion:112 Resp: 305785

Ion Ratio Lower Upper

112 100

64 60.1 44.1 66.1

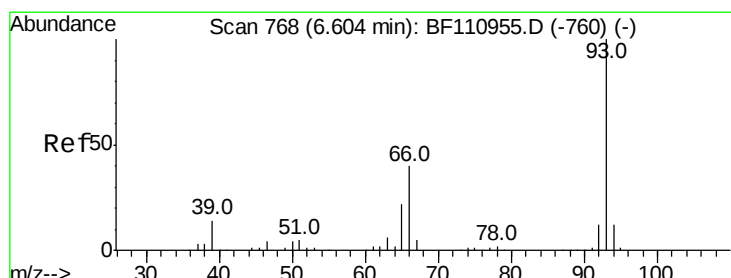
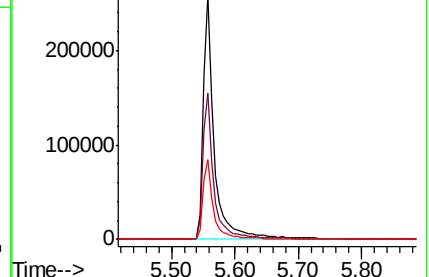
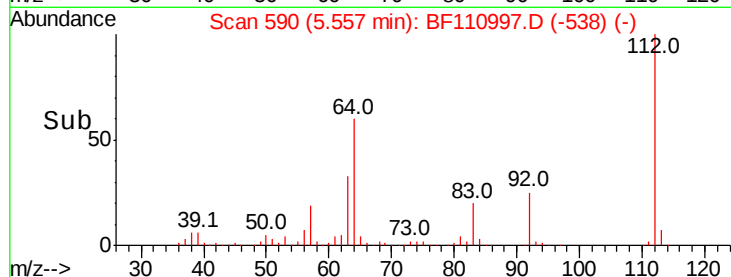
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.422 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

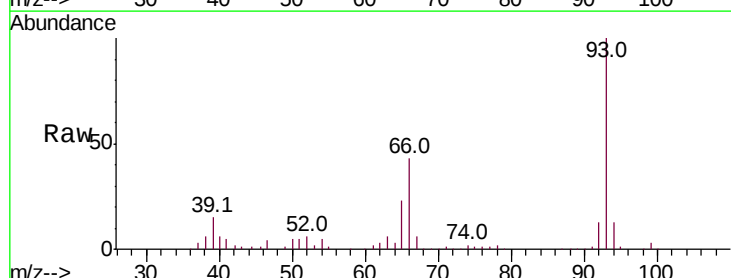
Tgt Ion: 93 Resp: 253148

Ion Ratio Lower Upper

93 100

66 43.2 67.4 101.0#

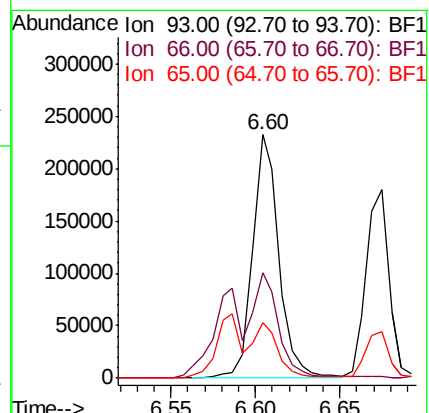
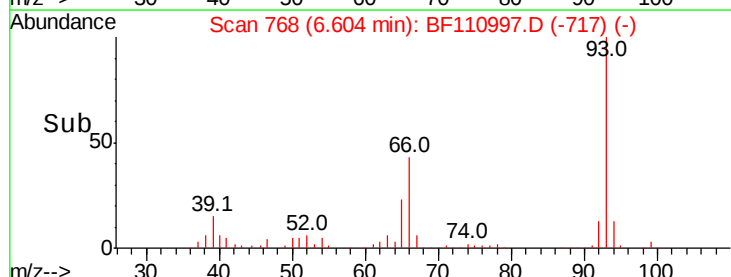
65 22.9 41.0 61.4#

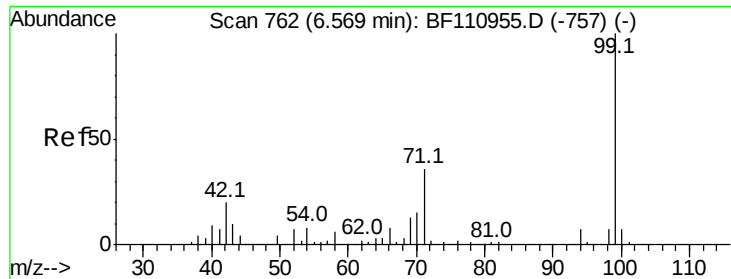


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.365 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

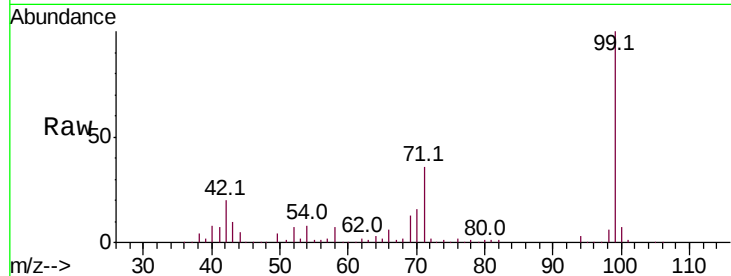
Tot Ion: 99 Resp: 397588

Ion Ratio Lower Upper

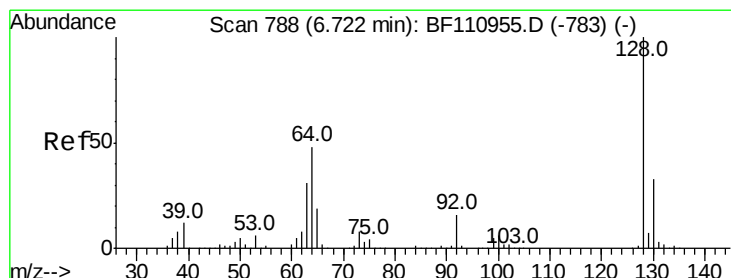
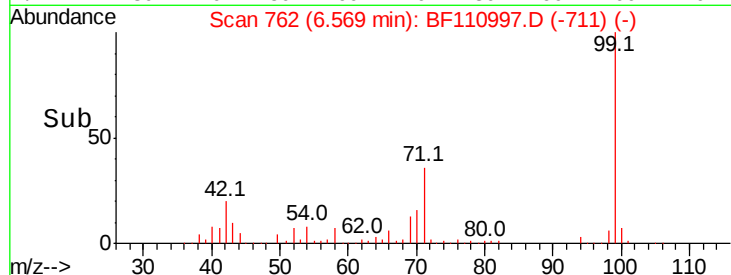
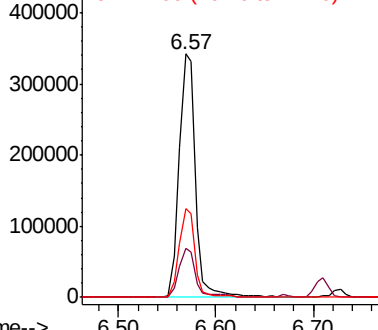
99 100

42 20.4 15.8 23.6

71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.505 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

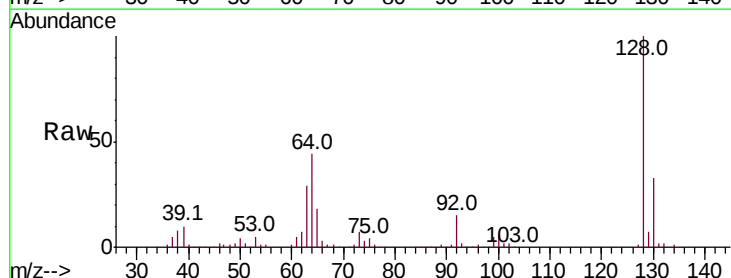
Tgt Ion: 128 Resp: 182203

Ion Ratio Lower Upper

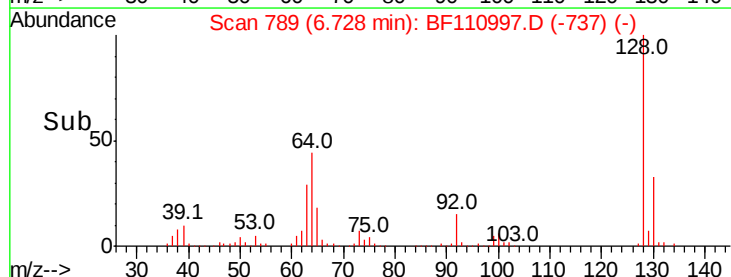
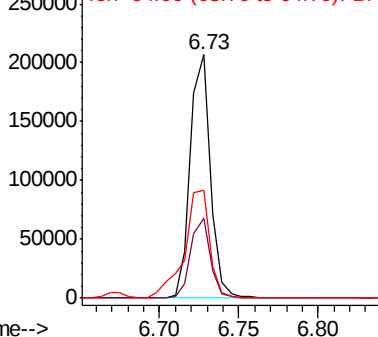
128 100

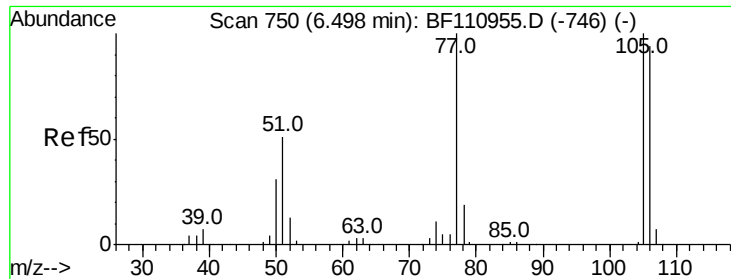
130 32.8 13.1 53.1

64 44.1 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

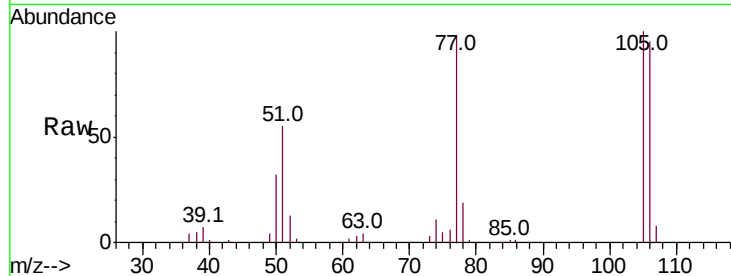




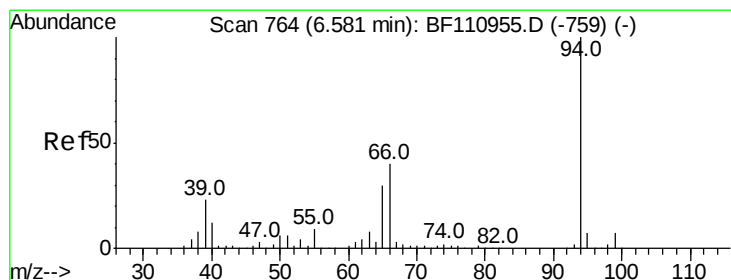
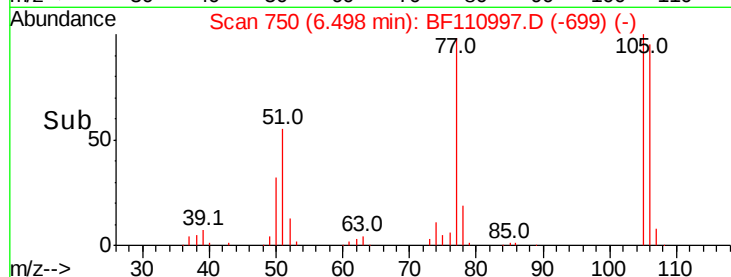
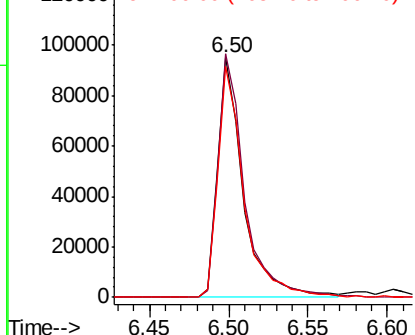
#9
Benzaldehyde
Concen: 41.869 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 106654
Ion Ratio Lower Upper
77 100
105 101.6 78.6 118.6
106 96.2 74.8 114.8

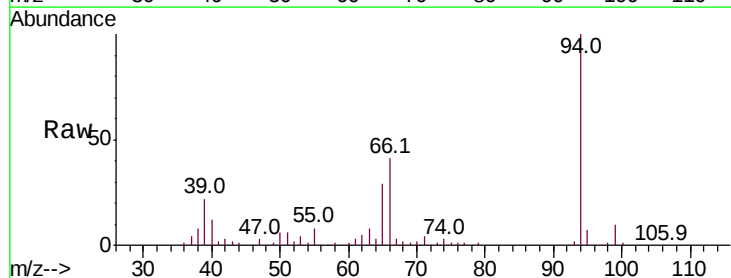


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

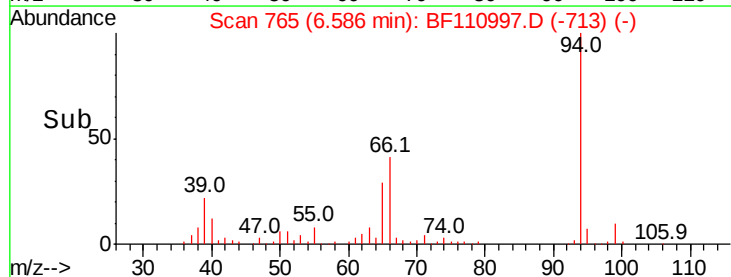
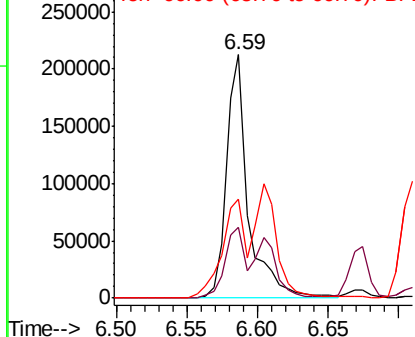


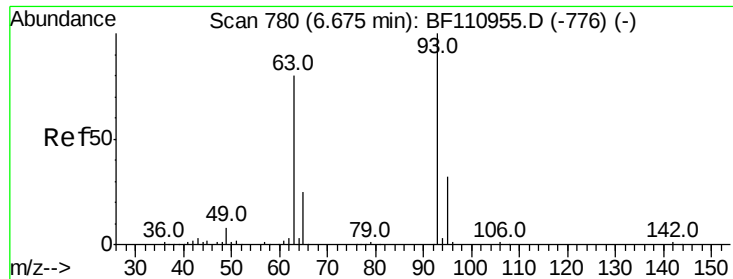
#10
Phenol
Concen: 41.878 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion: 94 Resp: 227662
Ion Ratio Lower Upper
94 100
65 29.1 25.3 65.3
66 40.6 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



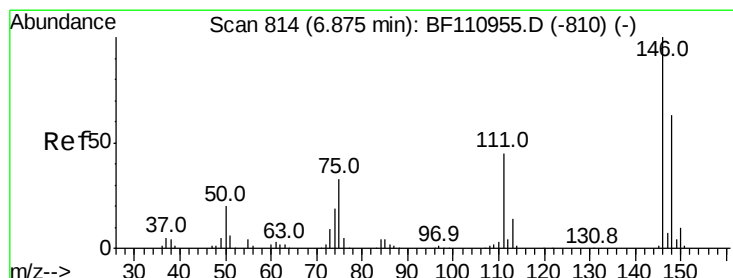
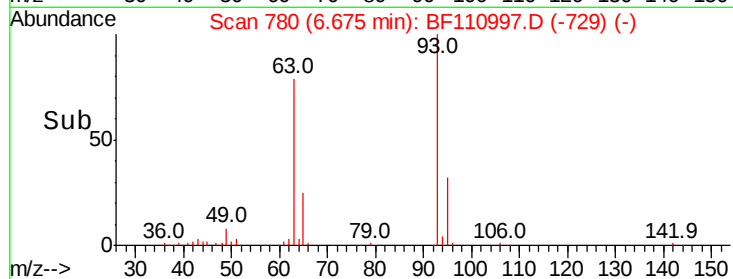
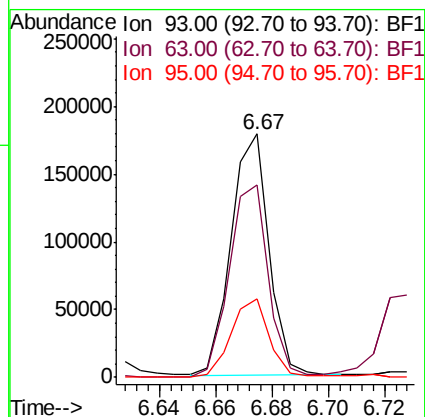
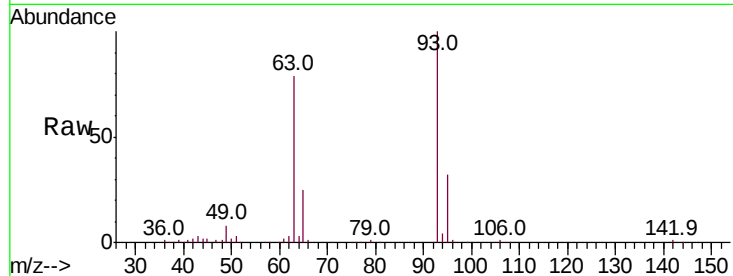


#11
 bis(2-Chloroethyl)ether
 Concen: 40.613 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 166333

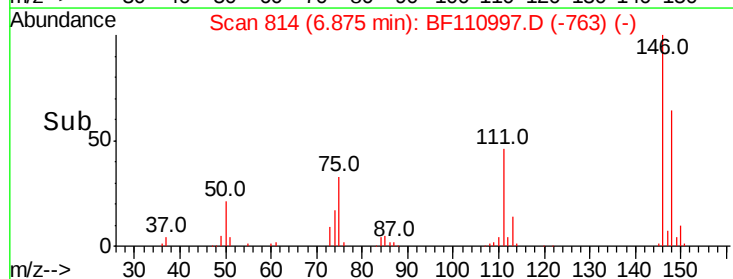
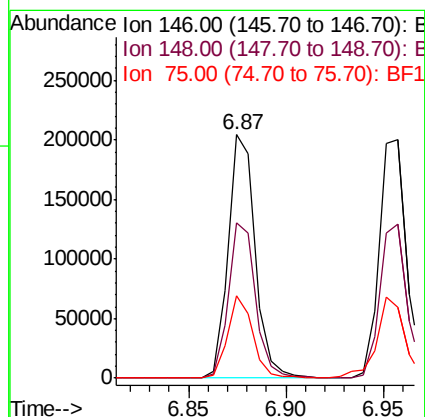
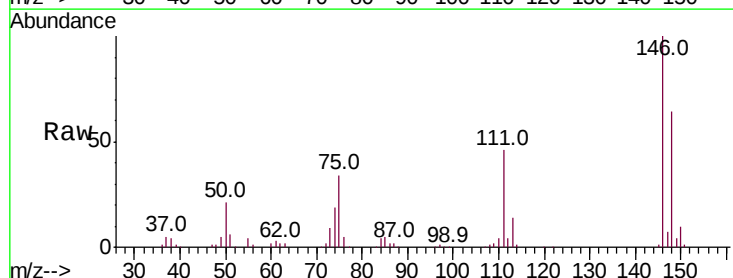
Ion	Ratio	Lower	Upper
93	100		
63	79.0	53.4	93.4
95	32.3	12.1	52.1

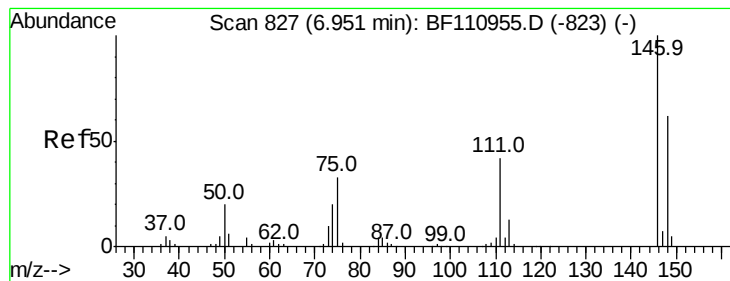


#12
 1,3-Dichlorobenzene
 Concen: 40.644 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion: 146 Resp: 196011

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	33.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.561 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

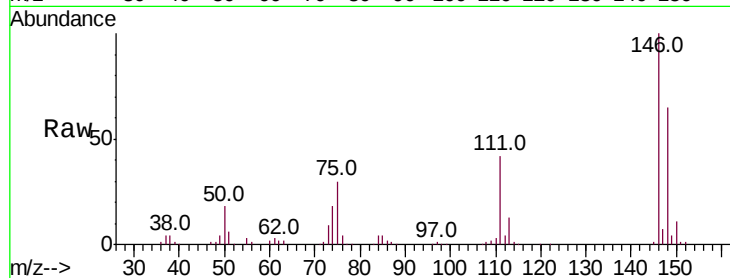
Tot Ion:146 Resp: 201159

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

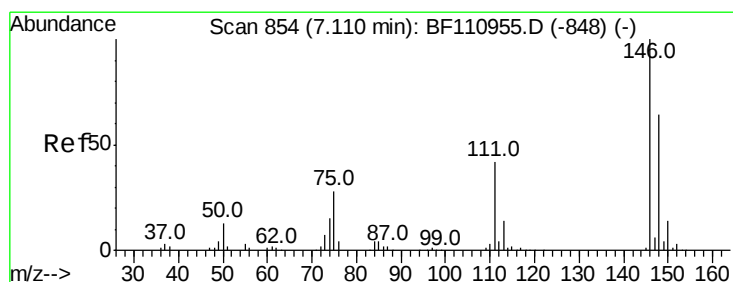
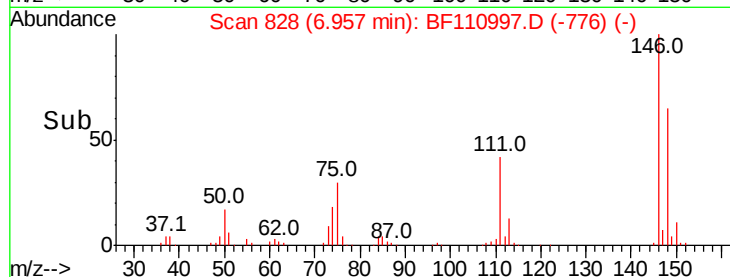
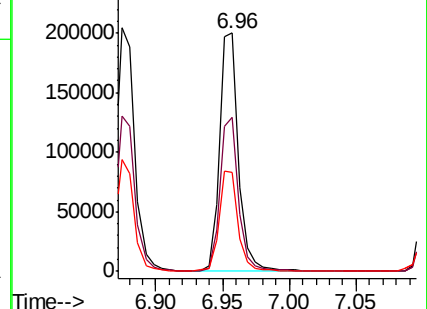
111 41.6 32.7 49.1



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: 40.608 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

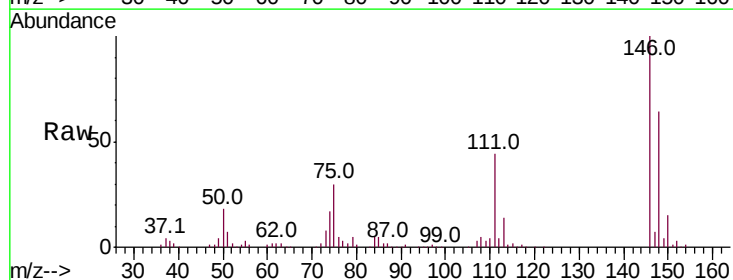
Tgt Ion:146 Resp: 189544

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

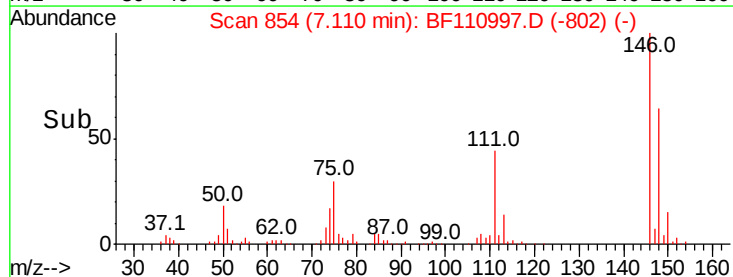
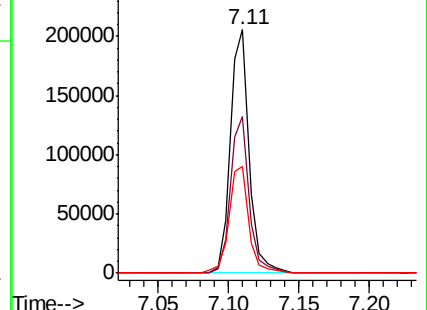
111 43.8 35.8 53.6

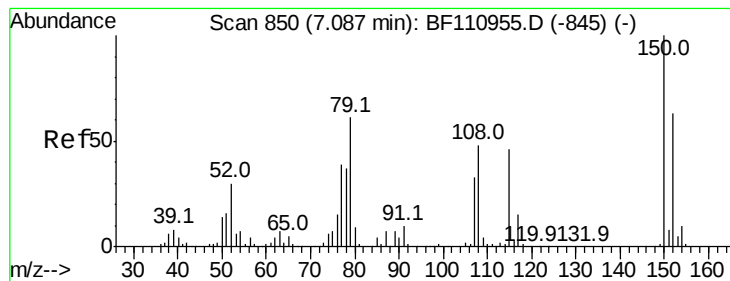


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.051 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

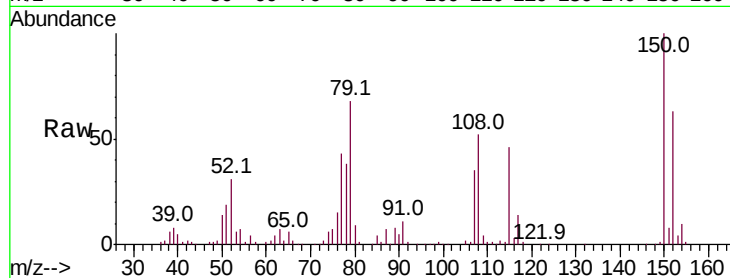
Tot Ion: 79 Resp: 159707

Ion Ratio Lower Upper

79 100

108 76.5 56.3 84.5

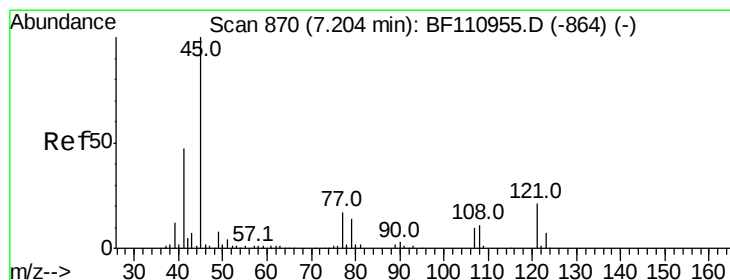
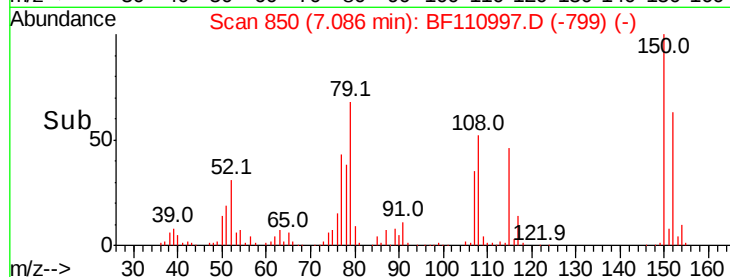
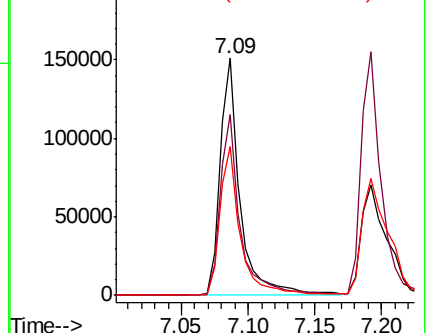
77 62.7 52.9 79.3



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: 41.405 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

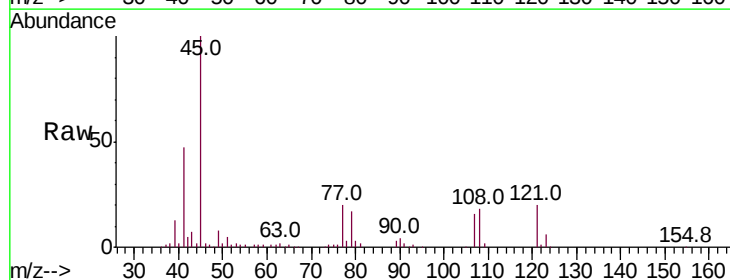
Tgt Ion: 45 Resp: 269877

Ion Ratio Lower Upper

45 100

77 20.0 10.0 50.0

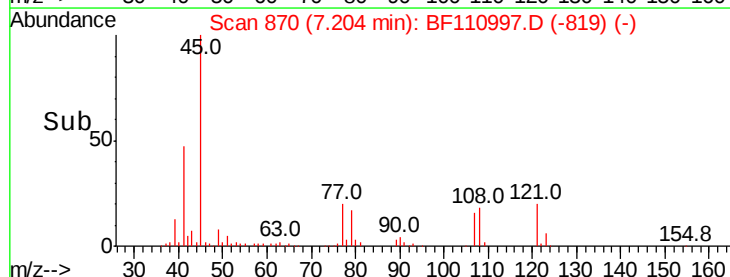
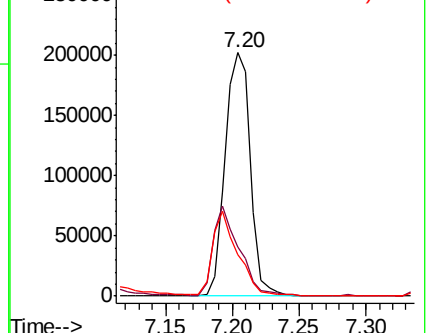
79 17.2 6.1 46.1

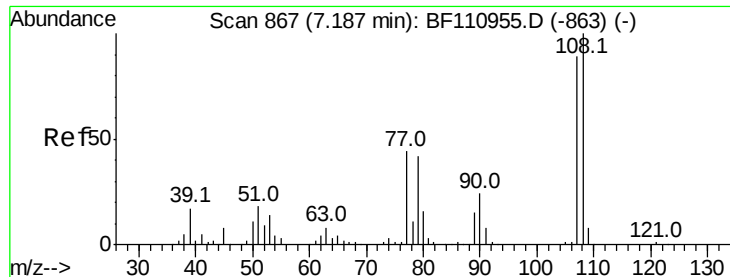


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.996 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 143091

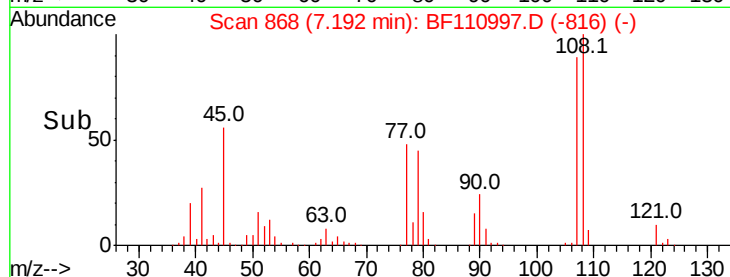
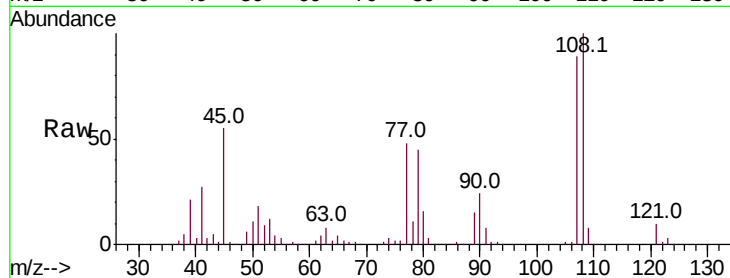
Ion Ratio Lower Upper

107 100

108 112.5 92.6 138.8

77 54.1 59.4 89.2#

79 50.9 54.0 81.0#

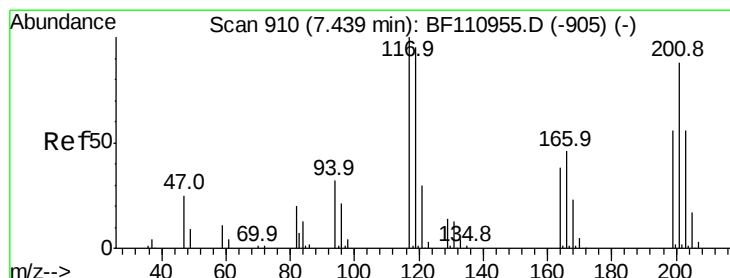
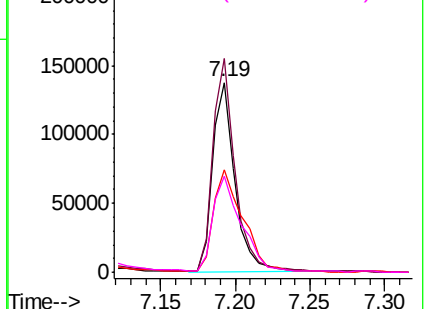


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.330 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

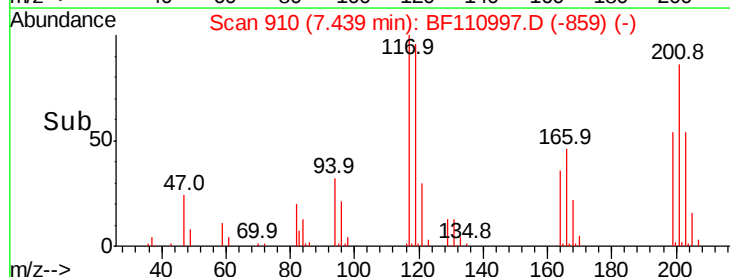
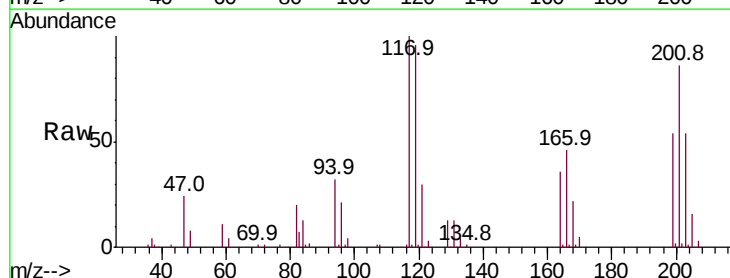
Tgt Ion:117 Resp: 75397

Ion Ratio Lower Upper

117 100

119 95.6 75.0 112.6

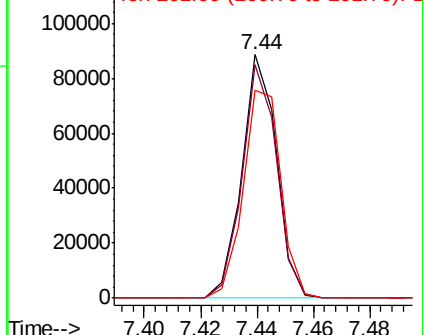
201 85.5 79.2 118.8

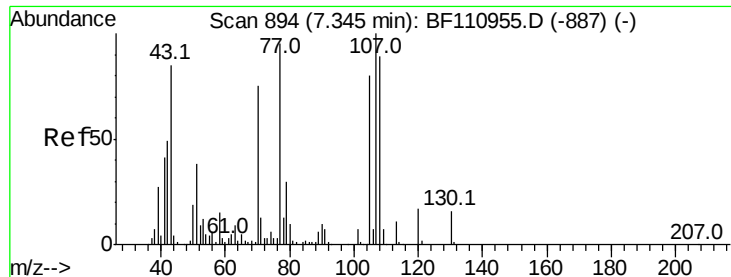


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

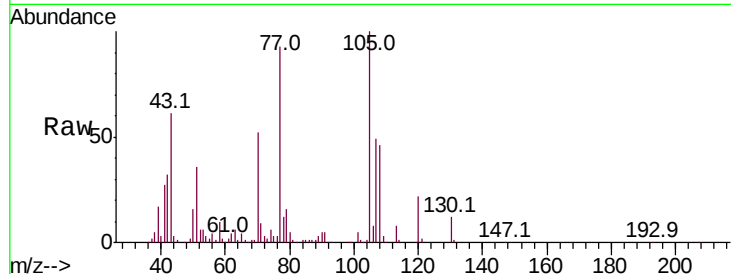




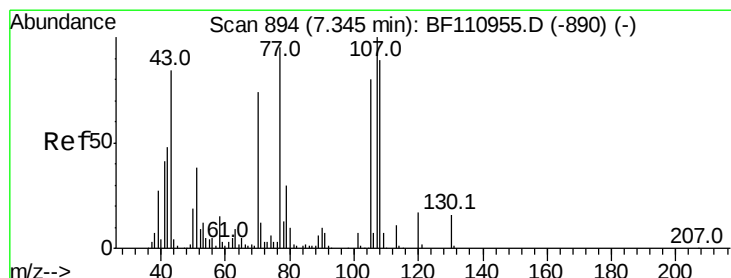
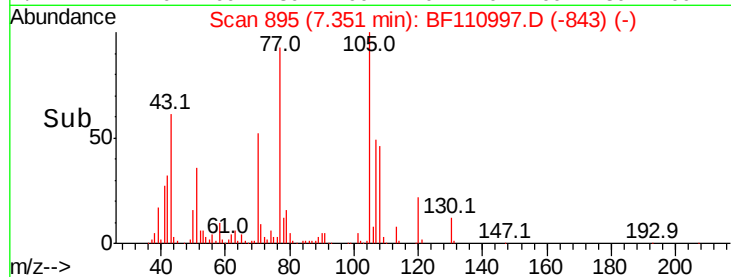
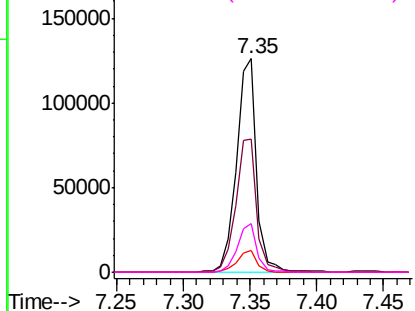
#19
n-Nitroso-di-n-propylamine
Concen: 42.108 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 132404
Ion Ratio Lower Upper
70 100
42 62.2 47.4 71.2
101 10.4 7.3 10.9
130 23.0 16.2 24.2



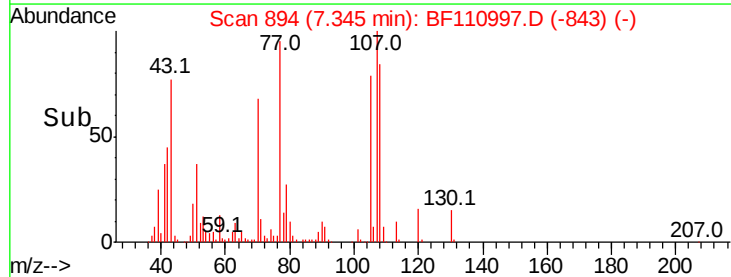
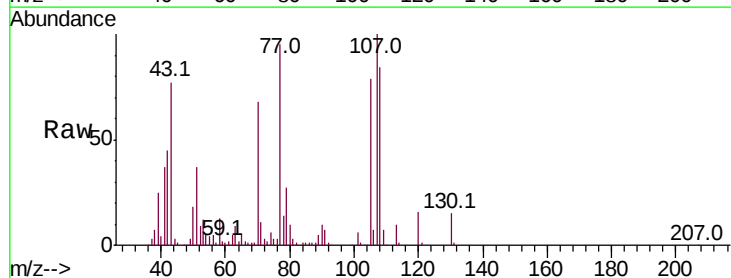
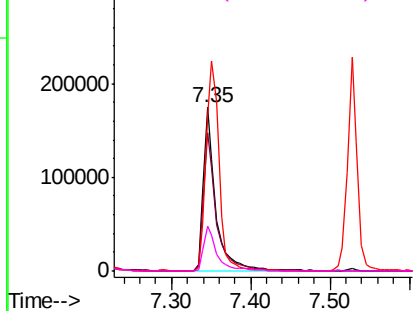
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

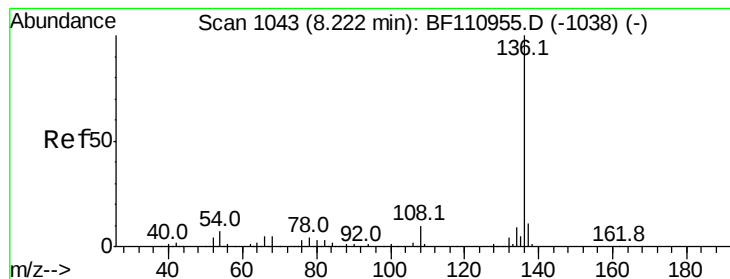


#20
3+4-Methylphenols
Concen: 41.793 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:107 Resp: 193913
Ion Ratio Lower Upper
107 100
108 84.5 71.4 111.4
77 94.9 47.3 87.3#
79 27.4 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: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 272706

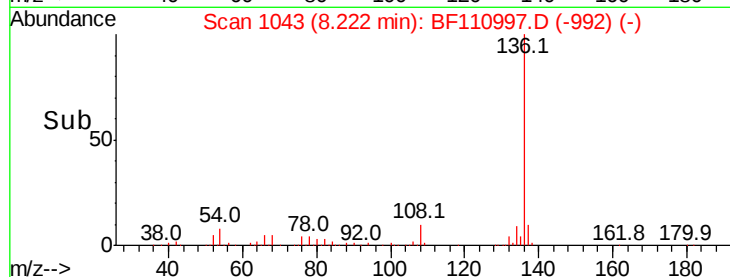
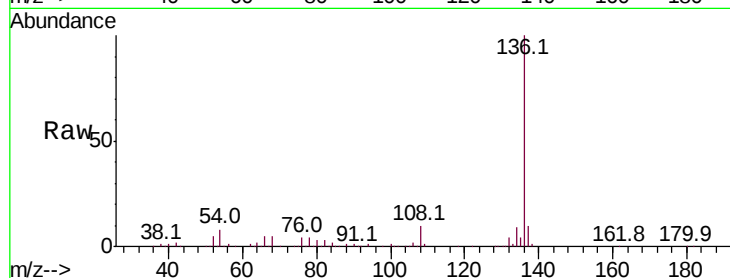
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.7 5.4 8.2

68 4.7 4.2 6.2

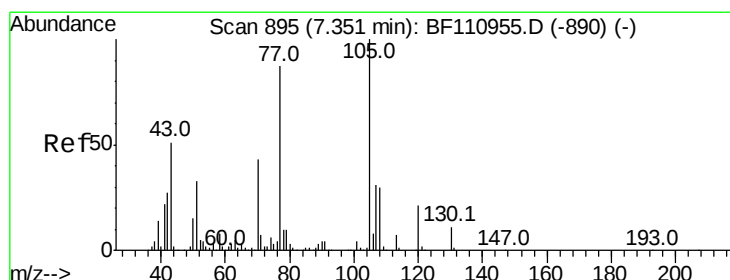
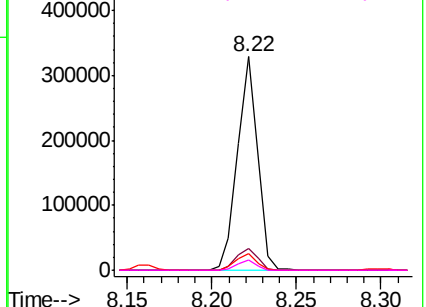


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.617 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Tgt Ion:105 Resp: 259631

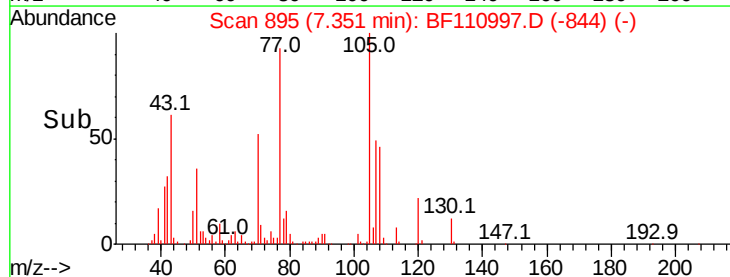
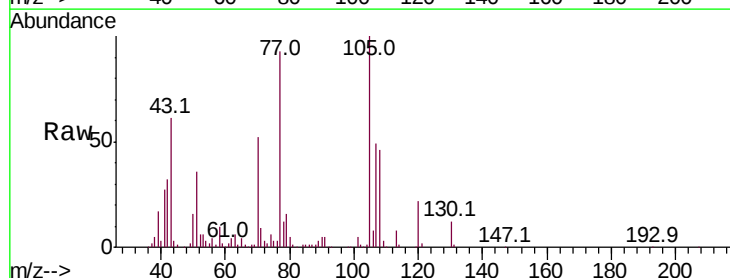
Ion Ratio Lower Upper

105 100

71 8.7 5.2 7.8#

51 35.9 21.8 32.8#

120 21.7 17.0 25.4

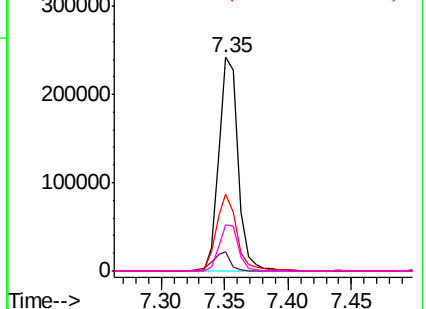


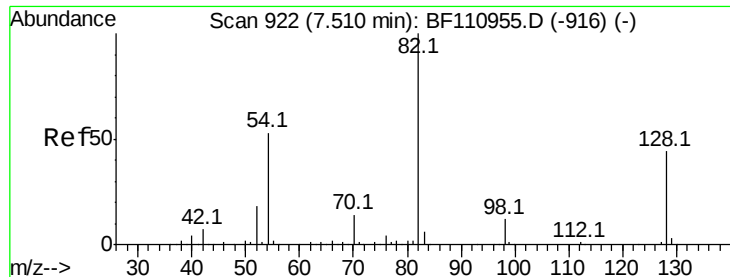
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

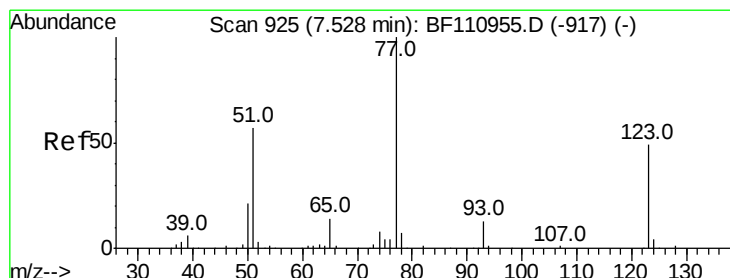
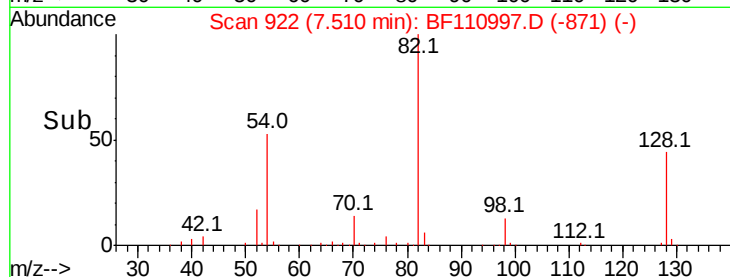
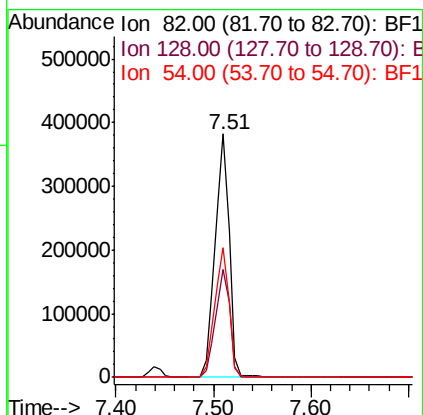
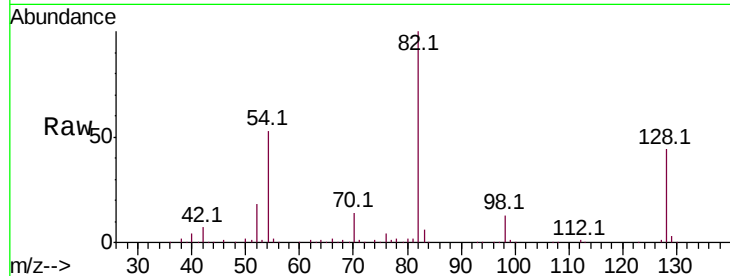




#23
 Nitrobenzene-d5
 Concen: 81.003 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

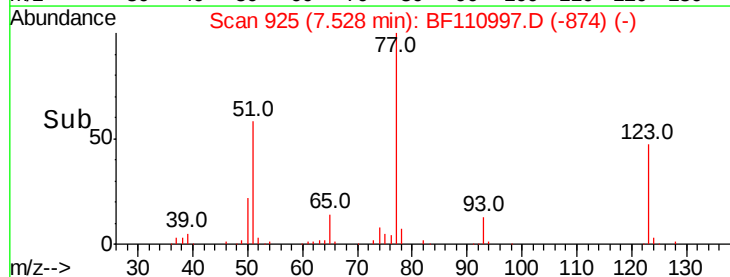
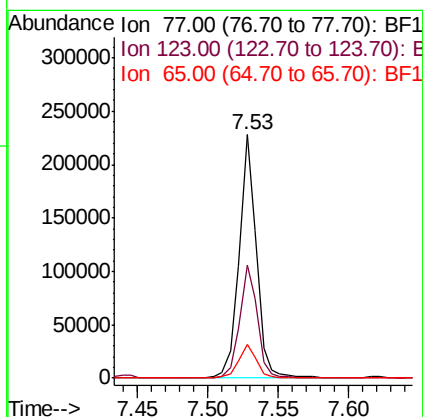
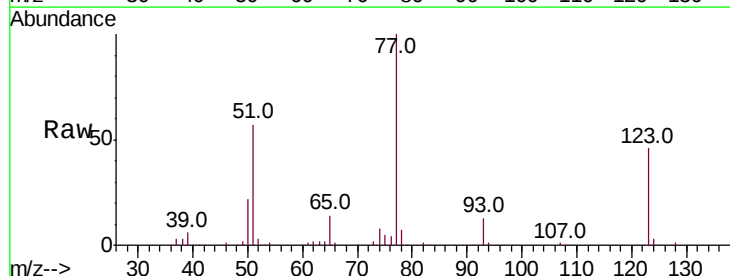
Instrument :
 BNA_F
 ClientSampleId :

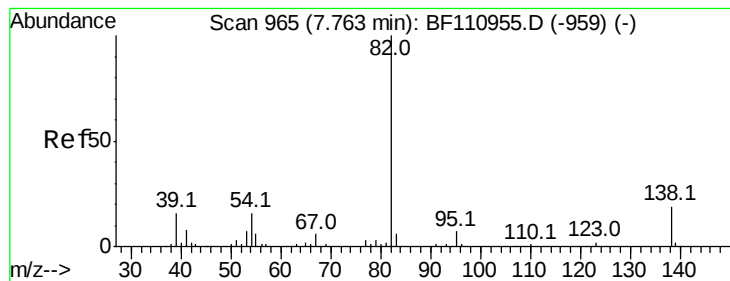
Tot Ion	82	Resp	385980
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.2	38.6	58.0



#24
 Nitrobenzene
 Concen: 38.884 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	77	Resp	192679
Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 40.597 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

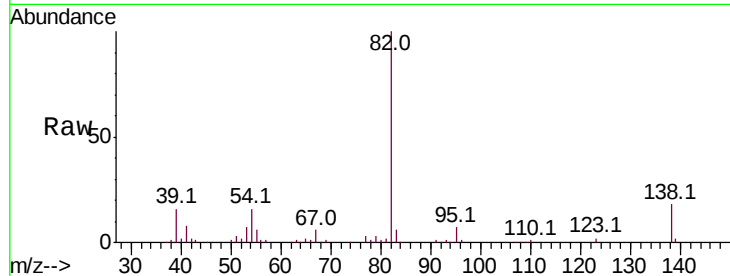
Tot Ion: 82 Resp: 317321

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

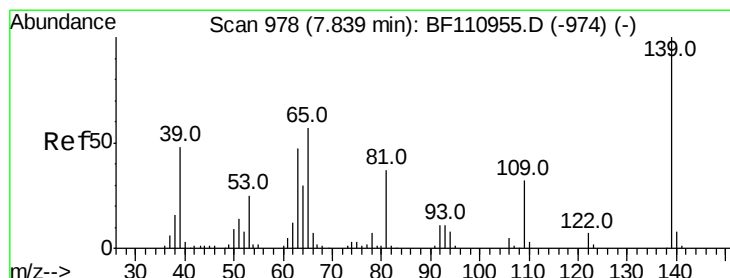
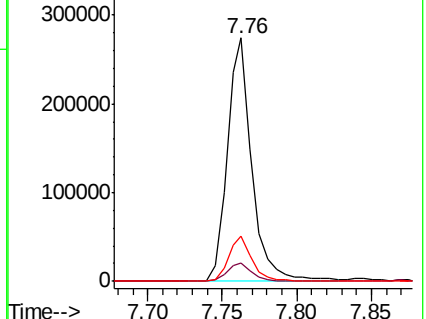
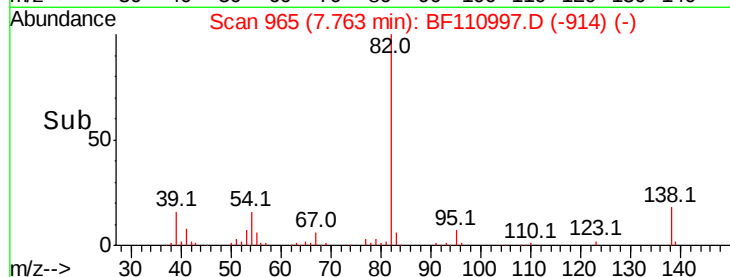
138 18.4 13.2 19.8



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: 42.327 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

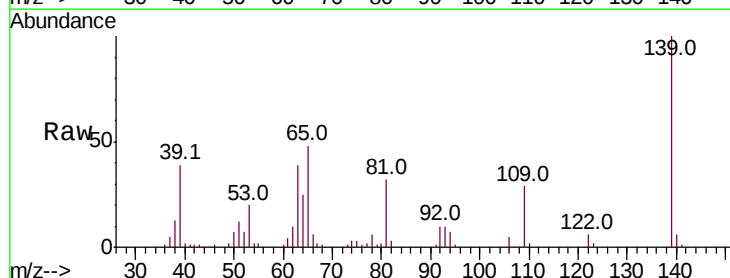
Tgt Ion: 139 Resp: 101899

Ion Ratio Lower Upper

139 100

109 29.3 25.0 37.6

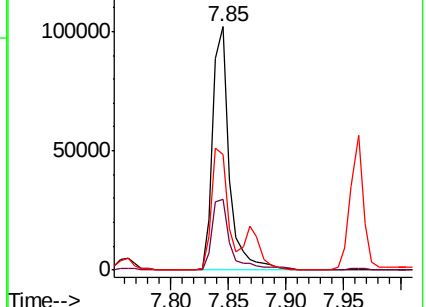
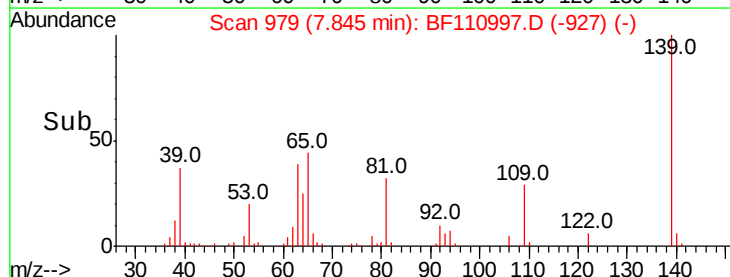
65 47.7 44.0 66.0

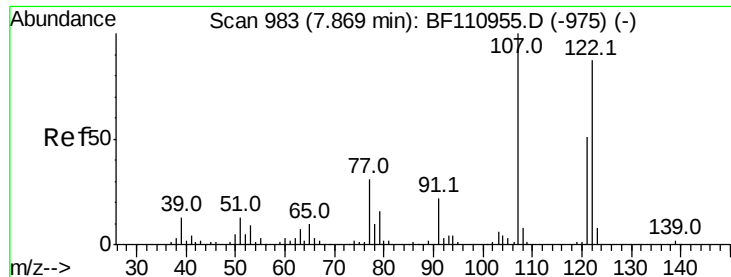


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

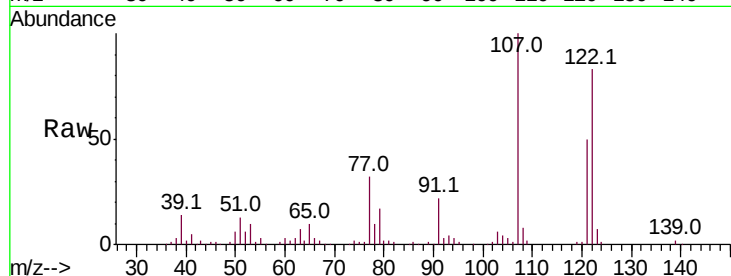




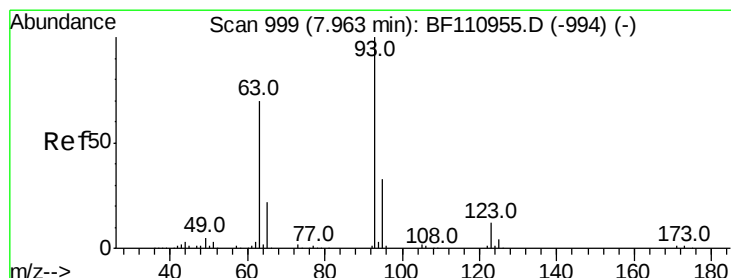
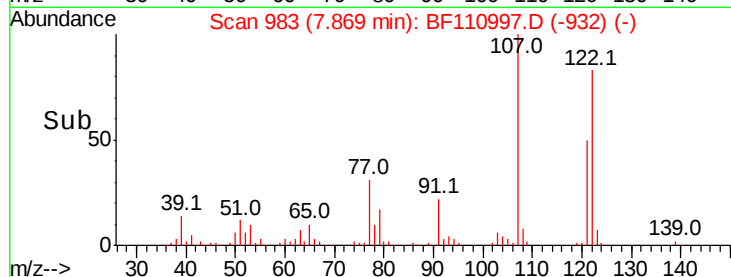
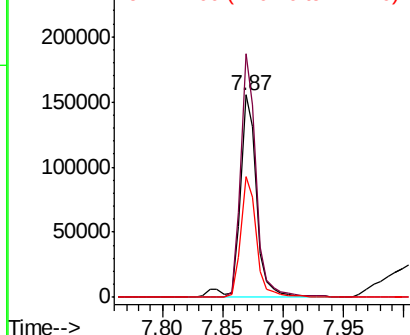
#27
2,4-Dimethylphenol
Concen: 41.190 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 149751
Ion Ratio Lower Upper
122 100
107 120.5 92.5 138.7
121 60.0 45.8 68.8

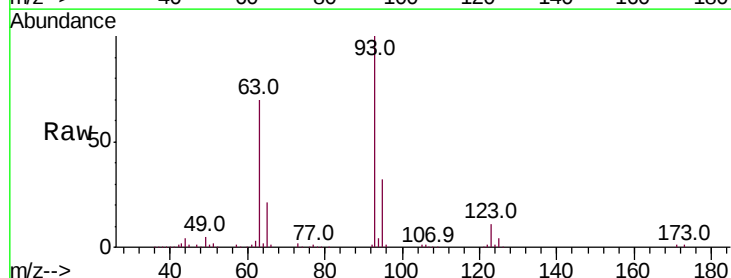


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

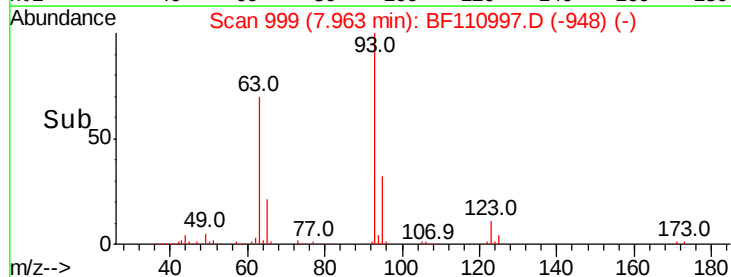
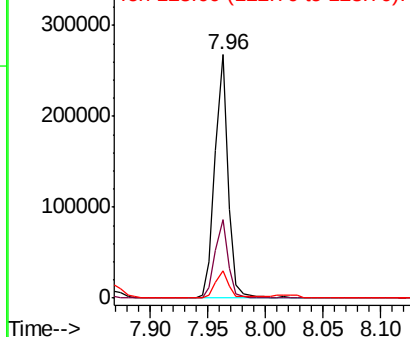


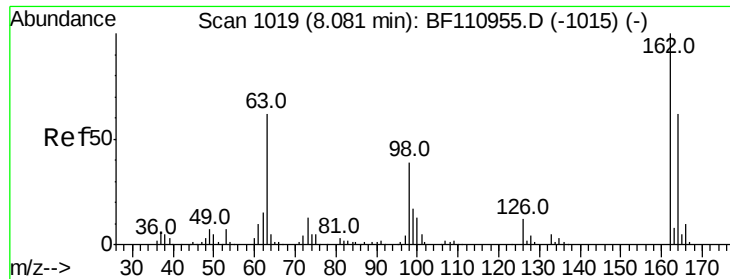
#28
bis(2-Chloroethoxy)methane
Concen: 40.682 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion: 93 Resp: 213029
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

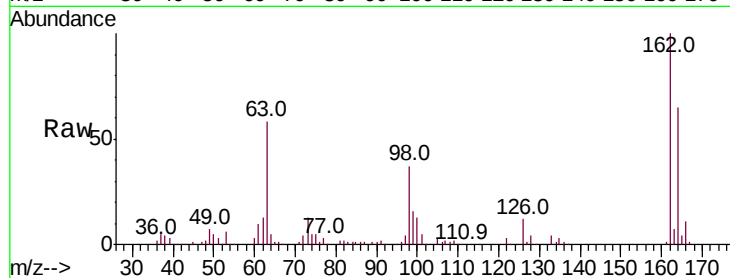




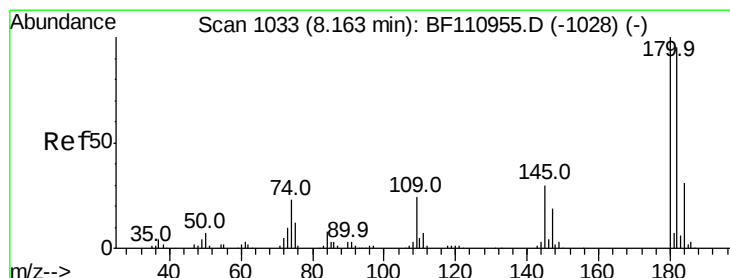
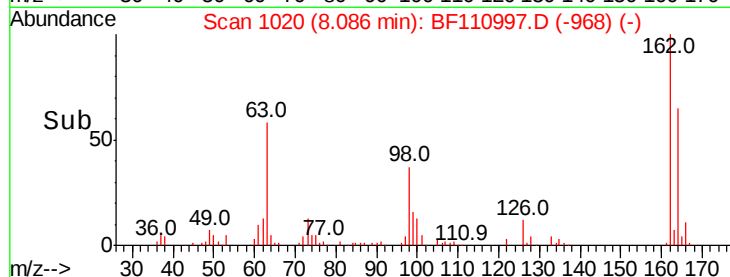
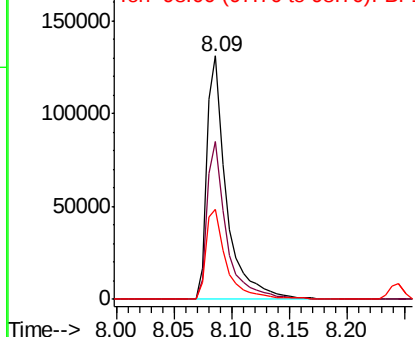
#29
 2,4-Dichlorophenol
 Concen: 40.880 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 155524
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.6 84.6
 98 37.1 17.4 57.4

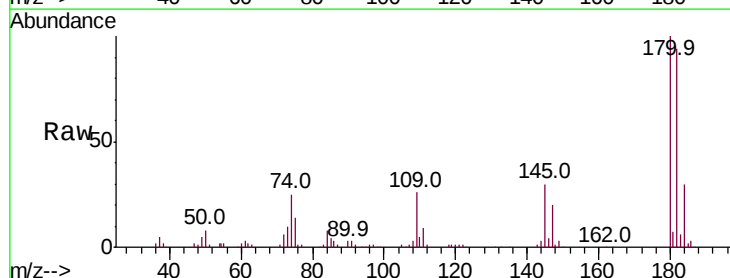


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

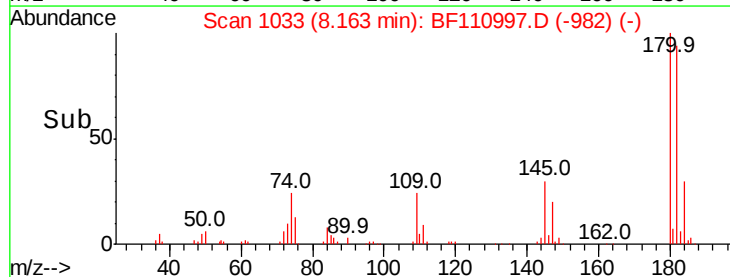
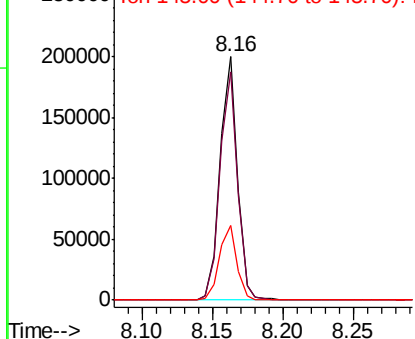


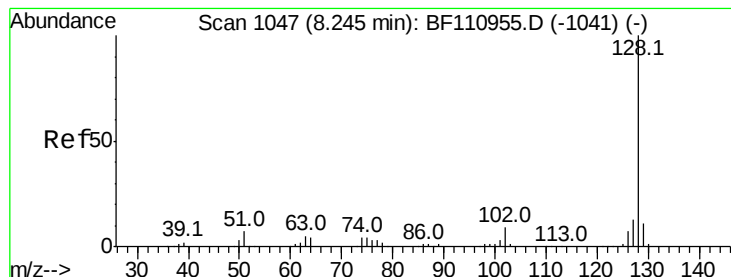
#30
 1,2,4-Trichlorobenzene
 Concen: 40.123 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion:180 Resp: 171066
 Ion Ratio Lower Upper
 180 100
 182 93.9 80.3 120.5
 145 30.4 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: 40.273 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

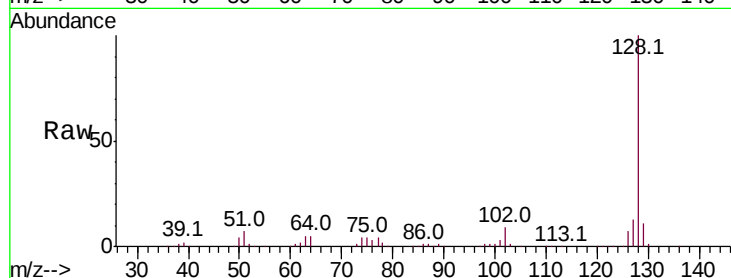
Tot Ion:128 Resp: 514815

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

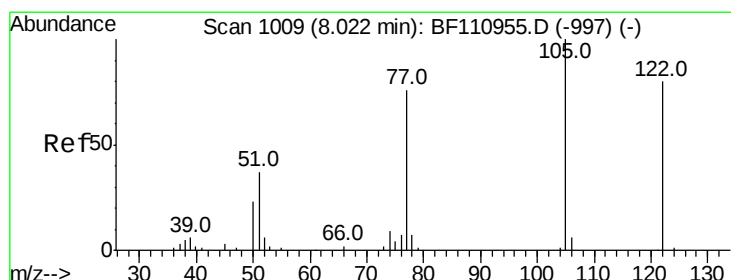
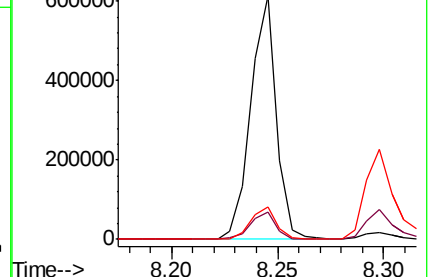
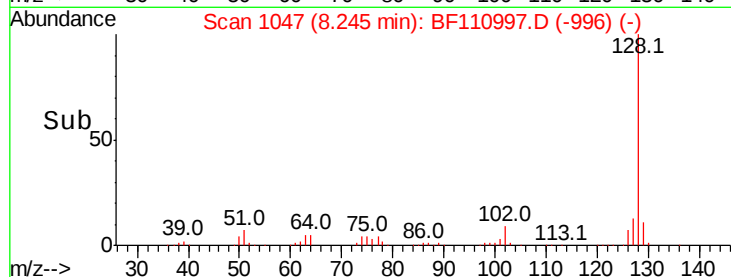
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.996 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

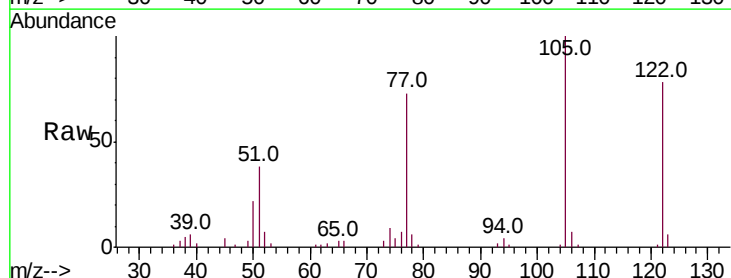
Tgt Ion:122 Resp: 105407

Ion Ratio Lower Upper

122 100

105 128.9 109.0 149.0

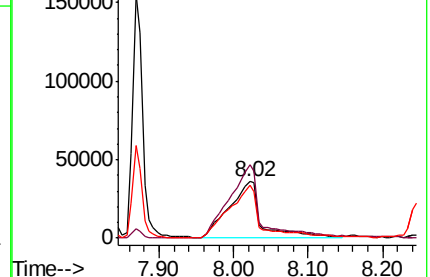
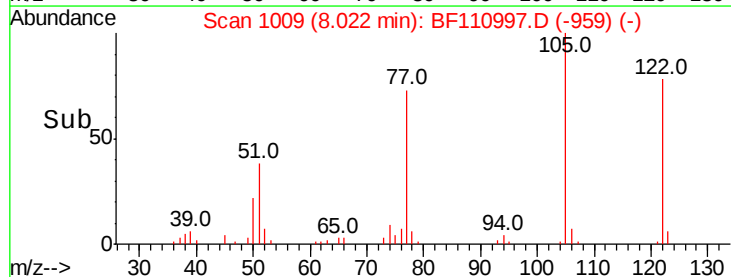
77 94.2 79.0 119.0

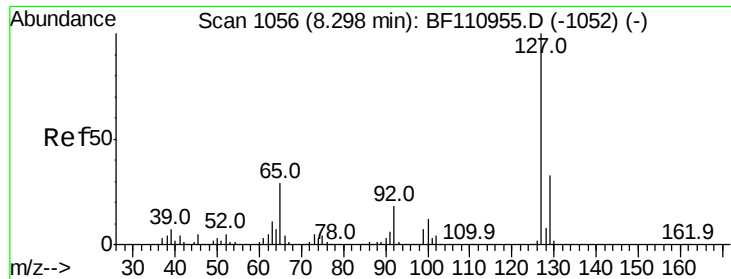


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

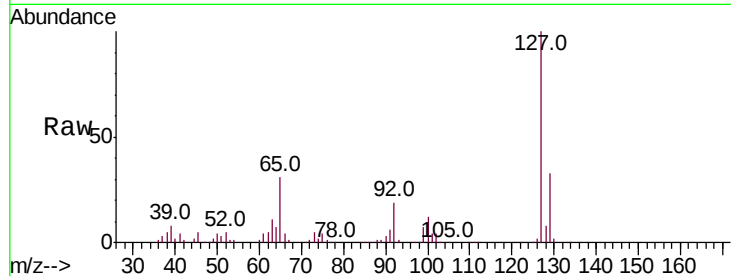




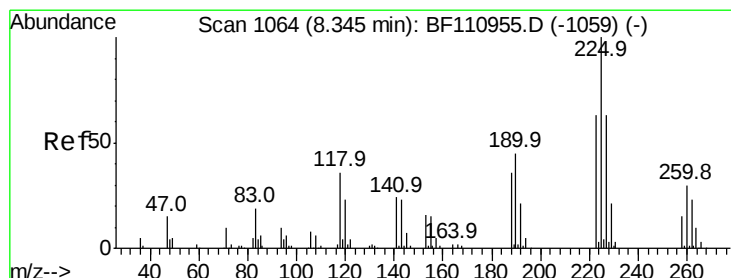
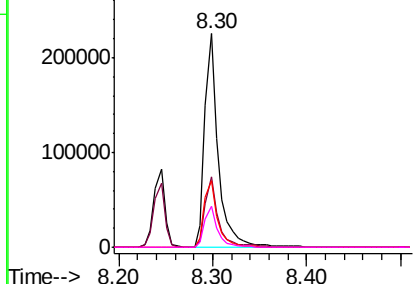
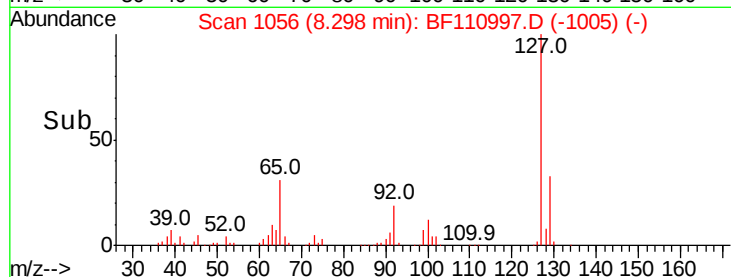
#33
4-Chloroaniline
Concen: 41.918 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	228073
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.3	25.1	37.7
92	19.1	15.0	22.6

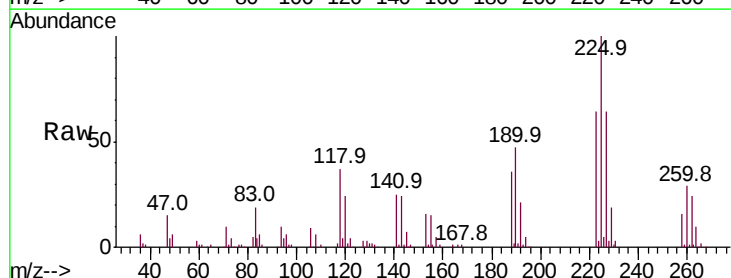


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

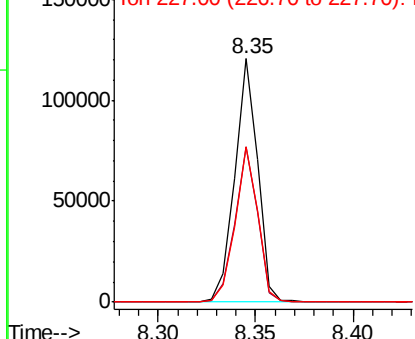
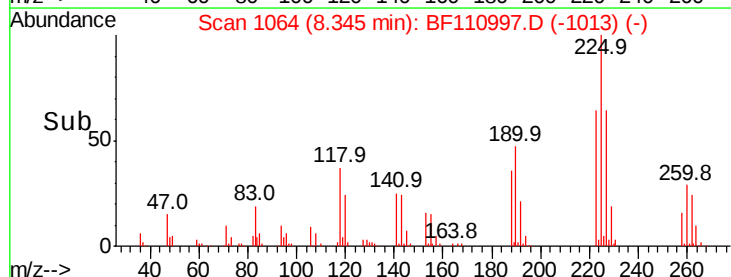


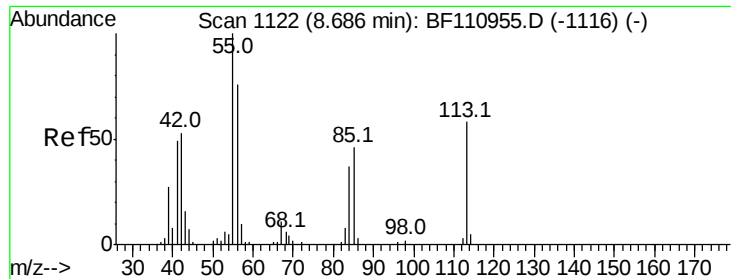
#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:	225	Resp:	97994
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	63.7	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

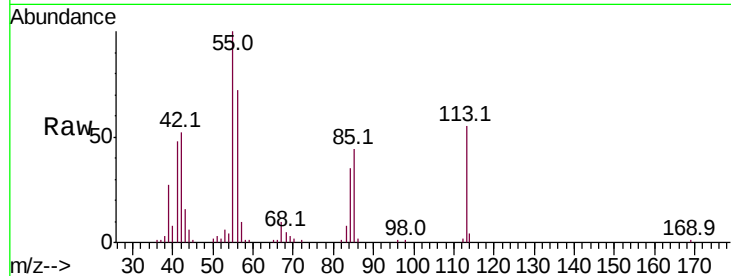




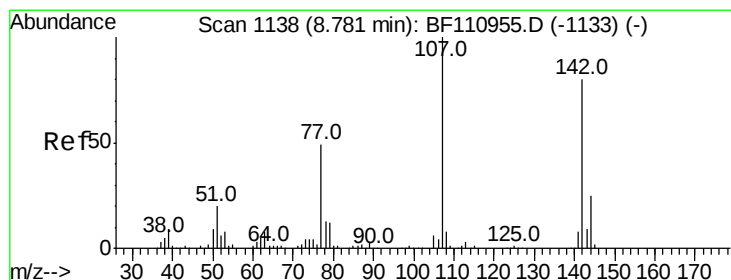
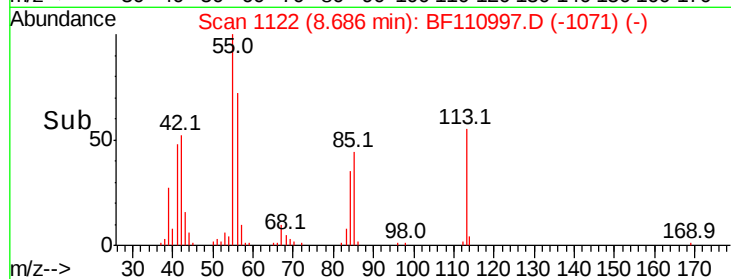
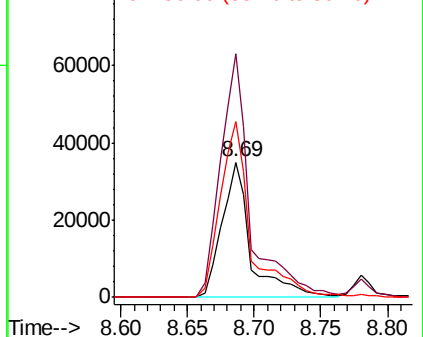
#35
 Caprolactam
 Concen: 41.330 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 53680
 Ion Ratio Lower Upper
 113 100
 55 180.3 142.8 182.8
 56 130.1 105.0 145.0

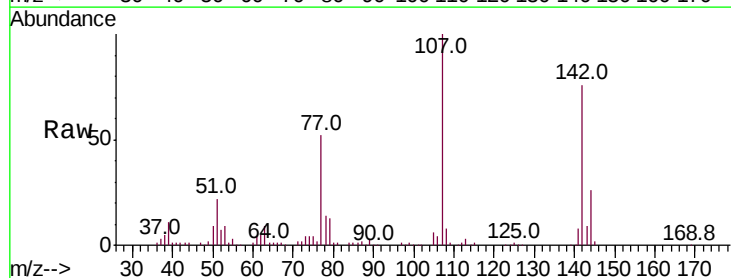


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

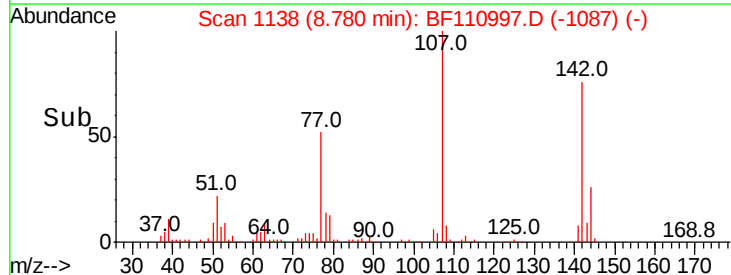
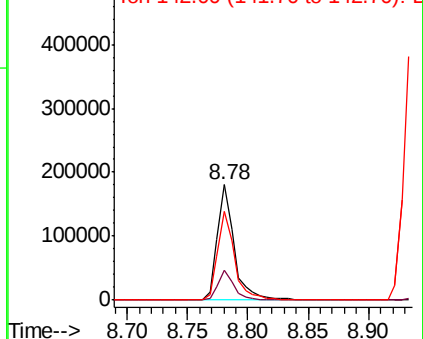


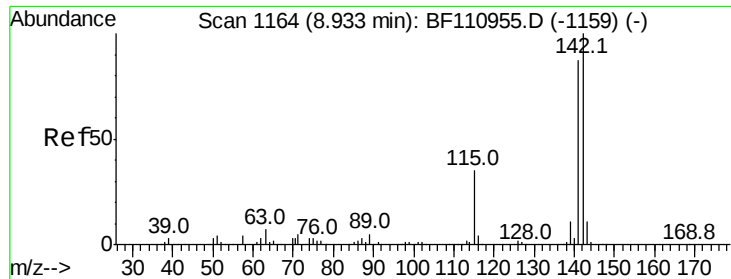
#36
 4-Chloro-3-methylphenol
 Concen: 40.934 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion:107 Resp: 173031
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 76.3 59.7 89.5



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

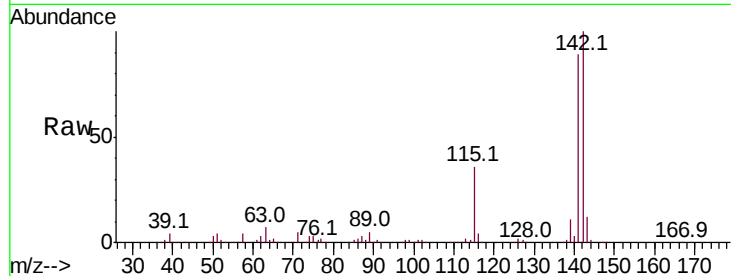




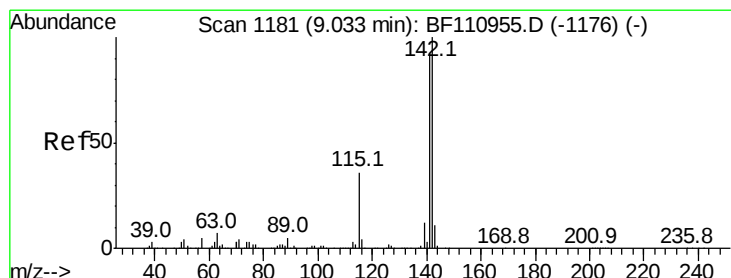
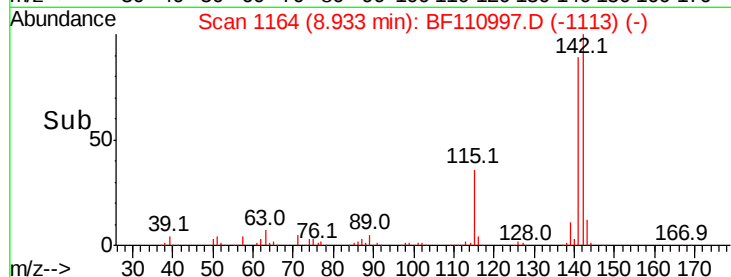
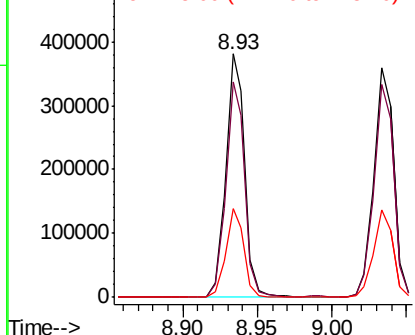
#37
2-Methylnaphthalene
Concen: 40.432 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	36.3	28.7	43.1

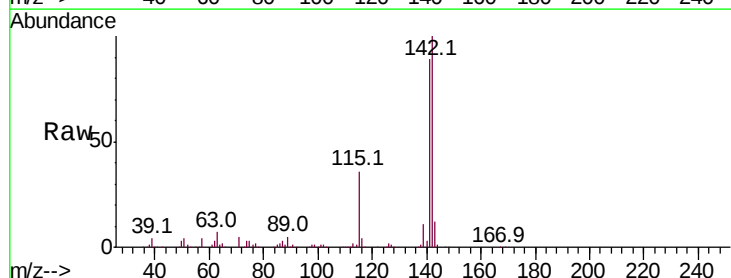


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

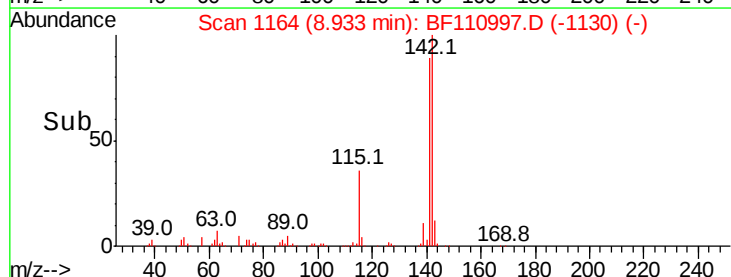
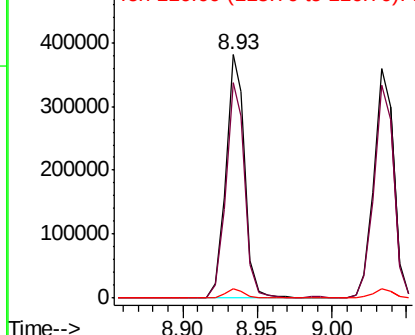


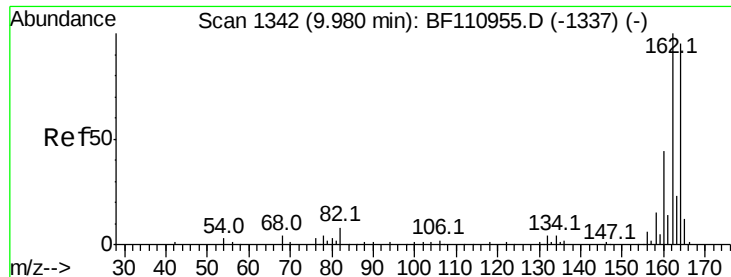
#38
1-Methylnaphthalene
Concen: 41.567 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.10 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.2	111.4
116	3.7	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

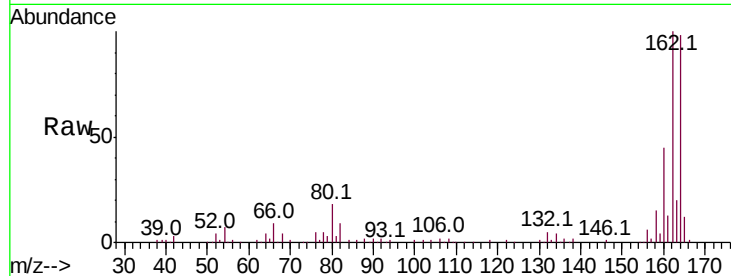




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	45.9	37.0	55.6

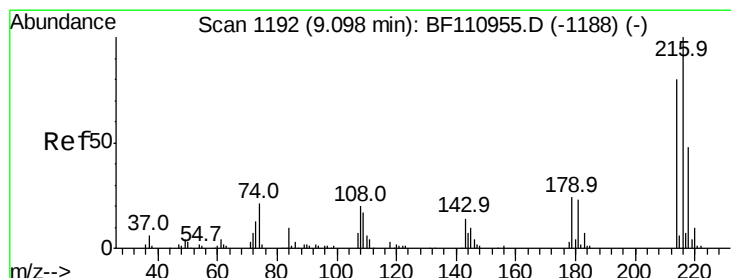
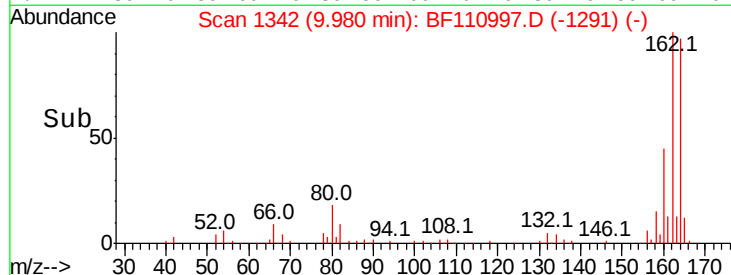
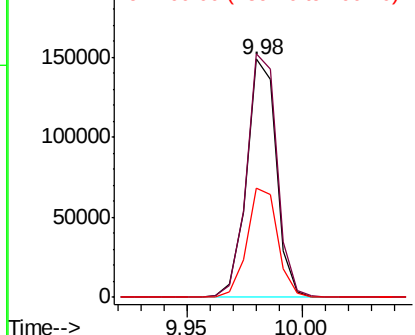


Abundance

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: 40.462 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	22.6	16.6	25.0
108	18.9	15.1	22.7

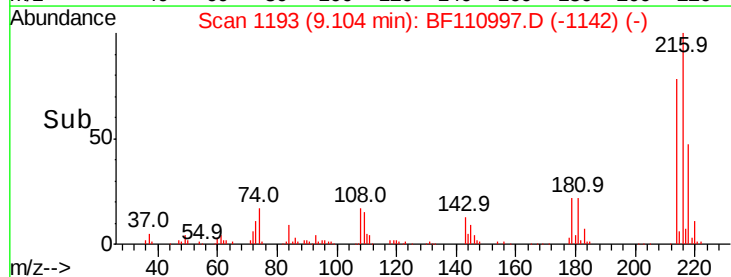
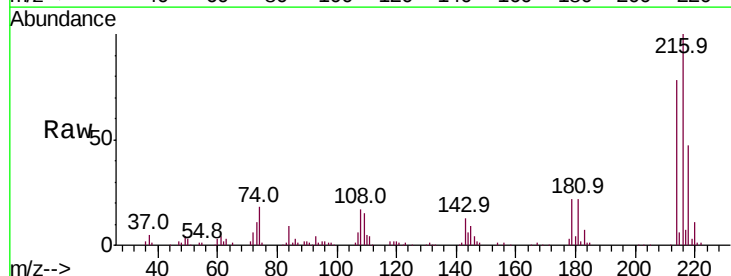
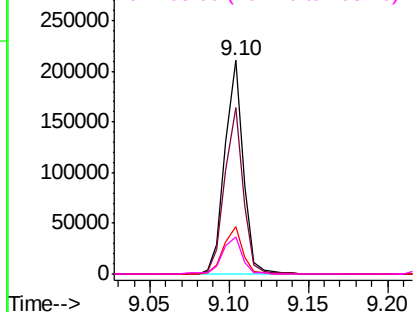
Abundance

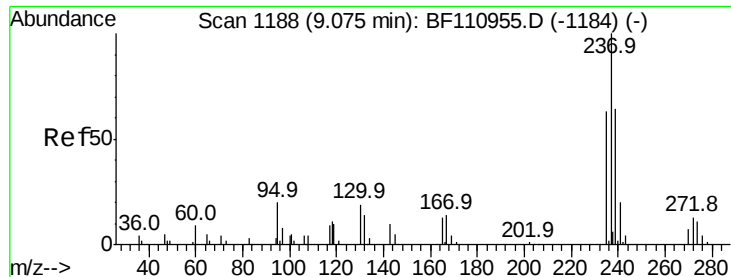
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.286 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

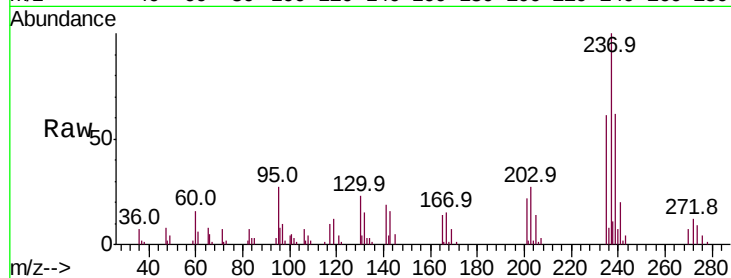
Tot Ion:237 Resp: 32579

Ion Ratio Lower Upper

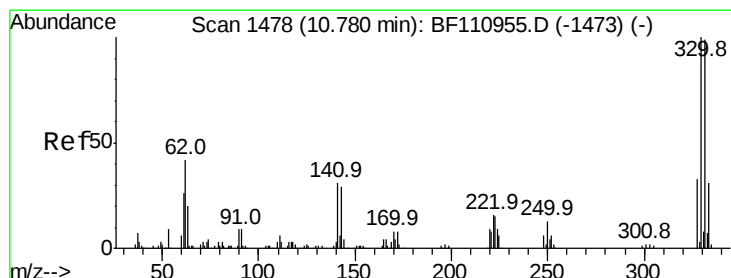
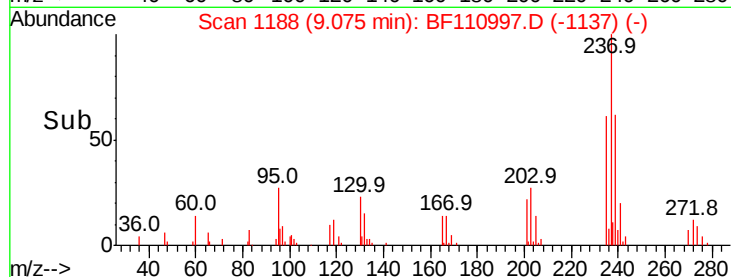
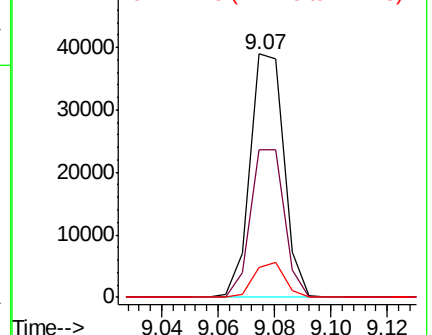
237 100

235 60.9 43.1 83.1

272 12.1 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 81.577 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

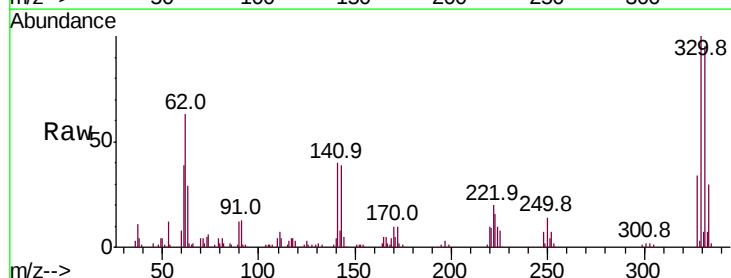
Tgt Ion:330 Resp: 108488

Ion Ratio Lower Upper

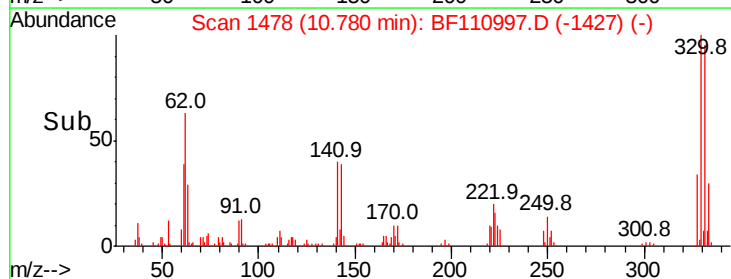
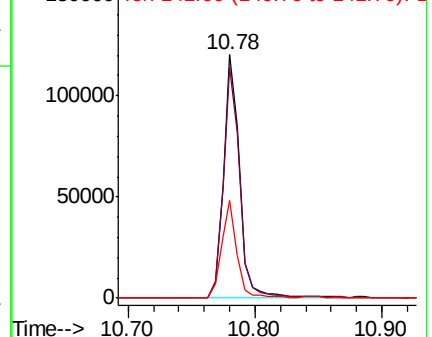
330 100

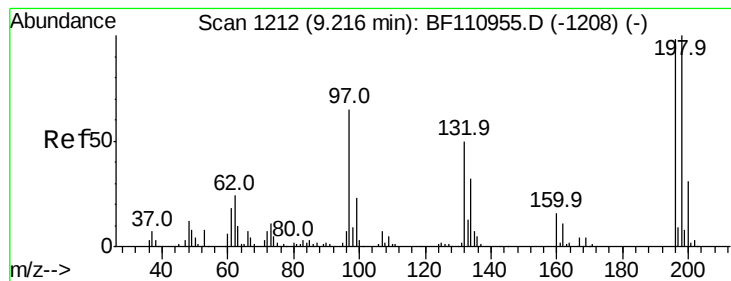
332 97.0 77.1 115.7

141 38.2 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: 41.221 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

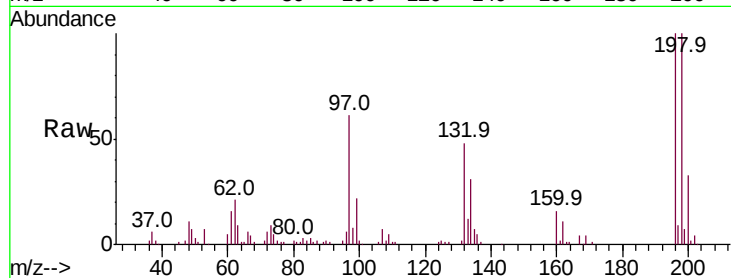
Tot Ion:196 Resp: 103705

Ion Ratio Lower Upper

196 100

198 99.7 76.2 114.4

200 32.9 24.4 36.6

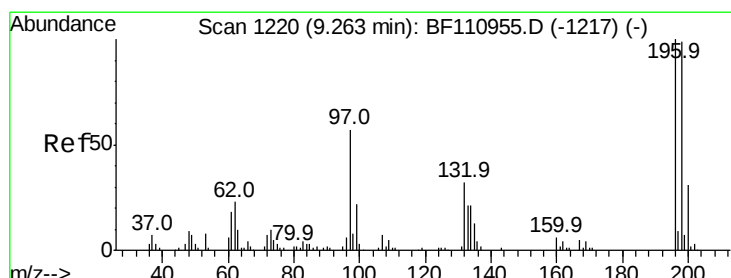
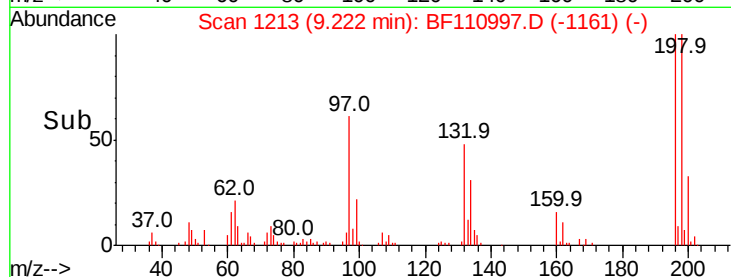
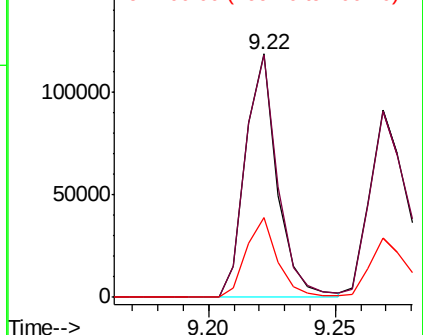


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.786 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Tgt Ion:196 Resp: 108045

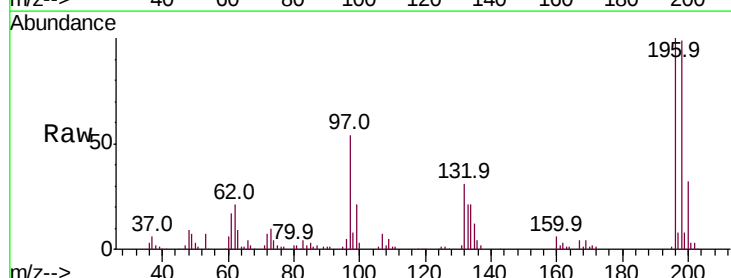
Ion Ratio Lower Upper

196 100

198 99.1 75.8 113.6

97 54.4 42.4 63.6

132 30.8 22.8 34.2



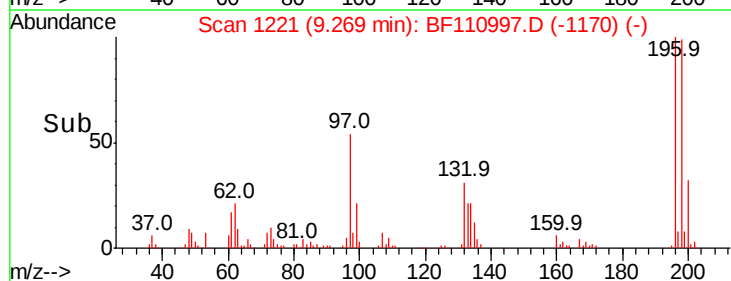
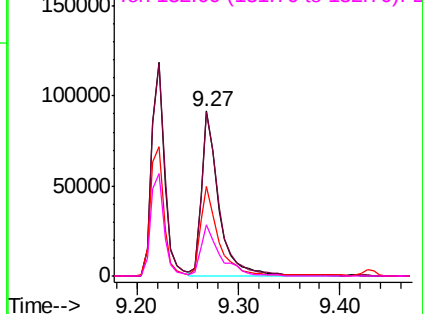
Abundance

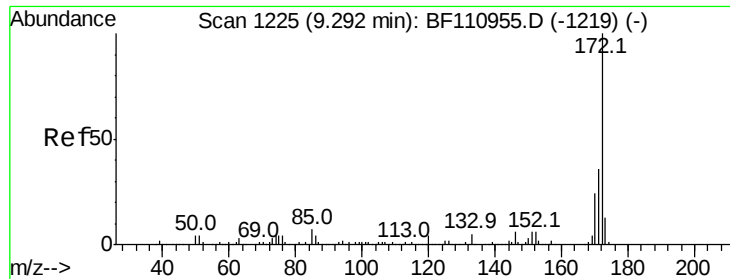
Ion 196.00 (195.70 to 196.70): E

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

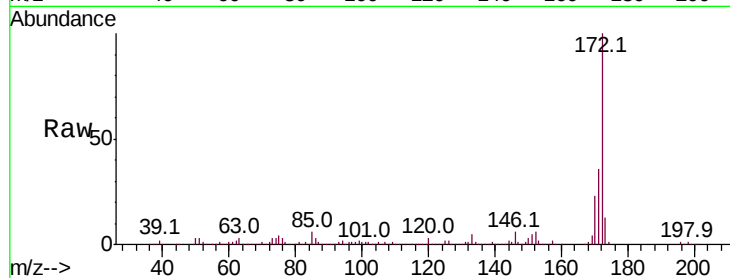




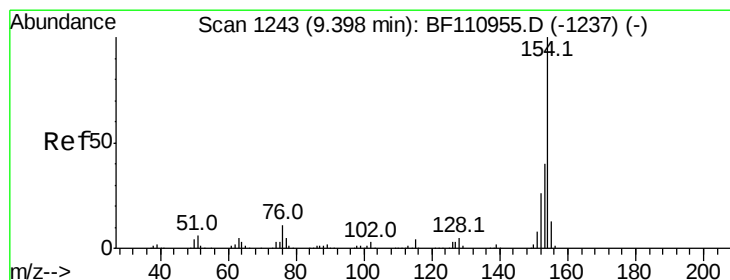
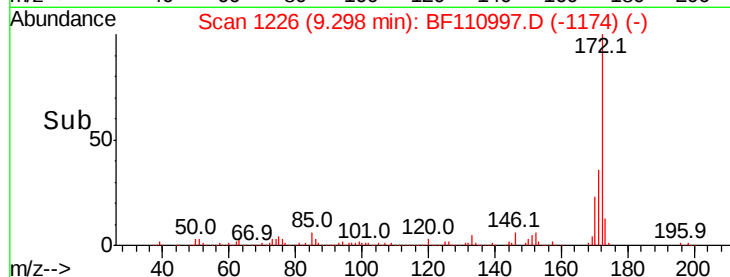
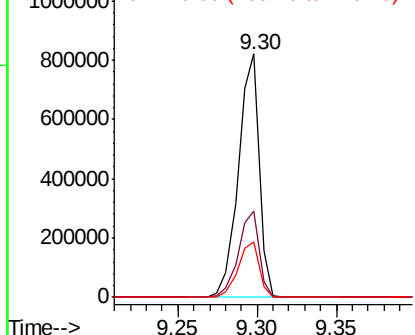
#45
2-Fluorobiphenyl
Concen: 80.498 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 744026
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.0 19.7 29.5

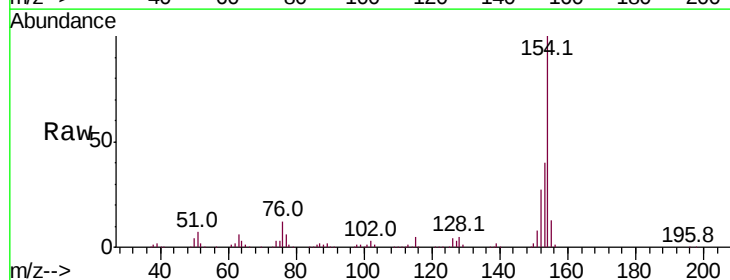


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

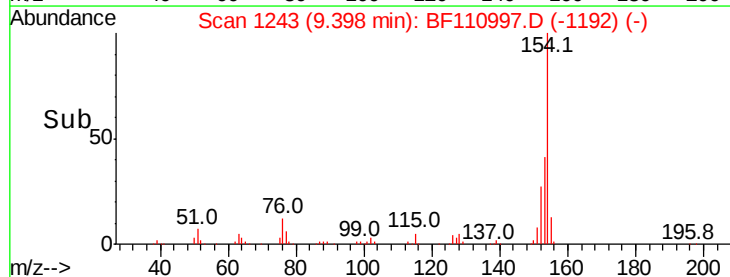
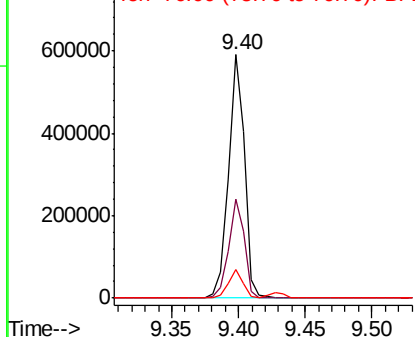


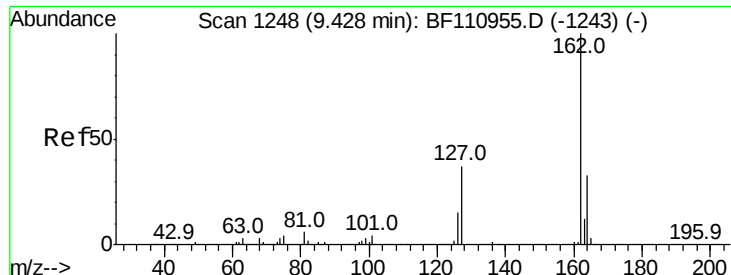
#46
1,1'-Biphenyl
Concen: 40.509 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:154 Resp: 500101
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.6 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

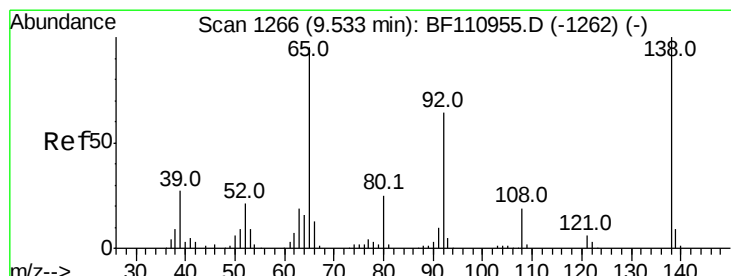
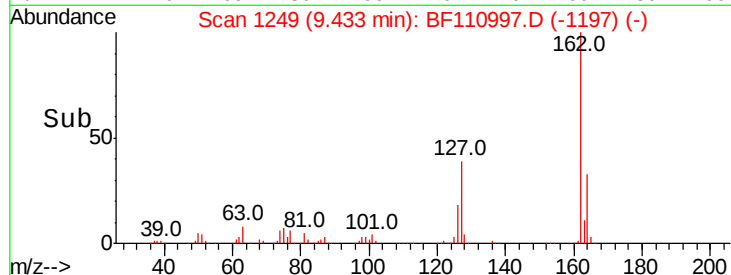
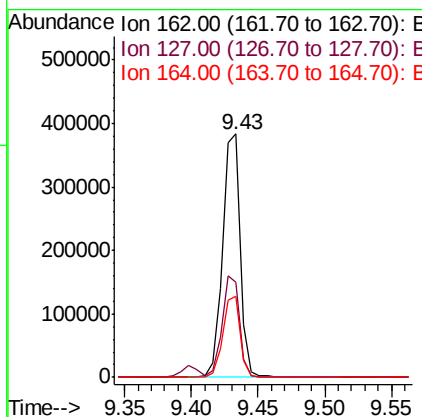
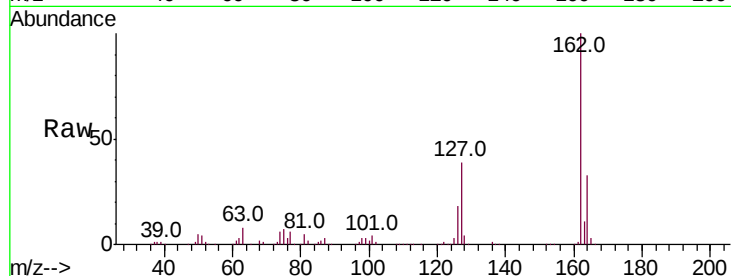




#47
2-Chloronaphthalene
Concen: 40.152 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

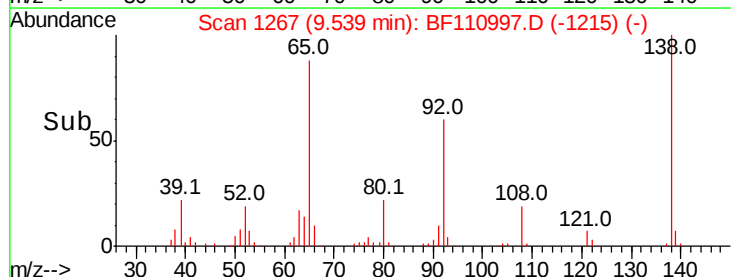
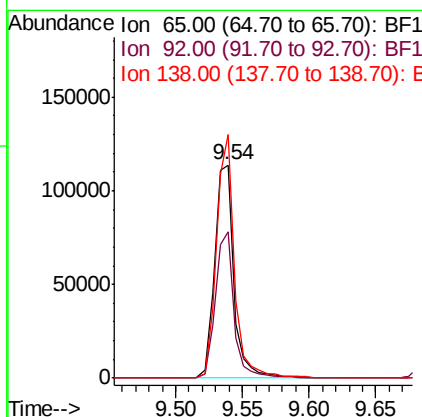
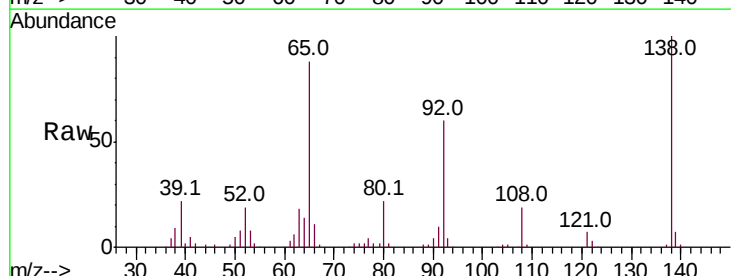
Instrument :
BNA_F
ClientSampleId :

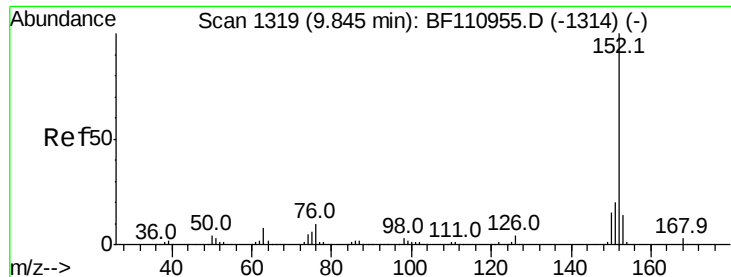
Tot Ion:162 Resp: 359409
Ion Ratio Lower Upper
162 100
127 39.0 32.6 48.8
164 33.4 25.9 38.9



#48
2-Nitroaniline
Concen: 41.599 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion: 65 Resp: 116469
Ion Ratio Lower Upper
65 100
92 68.3 54.6 81.8
138 114.1 80.3 120.5





#49

Acenaphthylene

Concen: 39.946 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

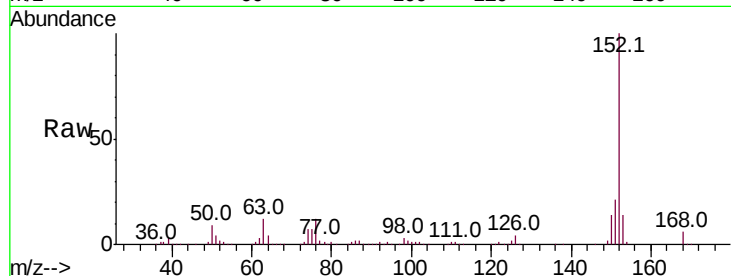
Tot Ion:152 Resp: 508451

Ion Ratio Lower Upper

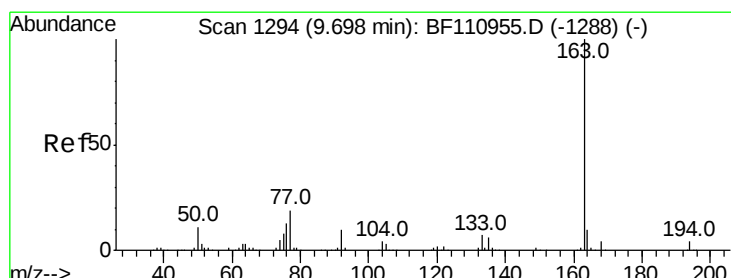
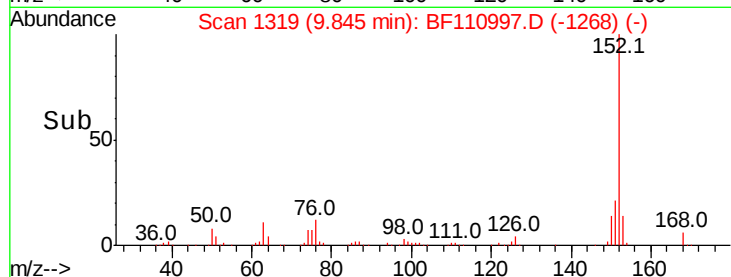
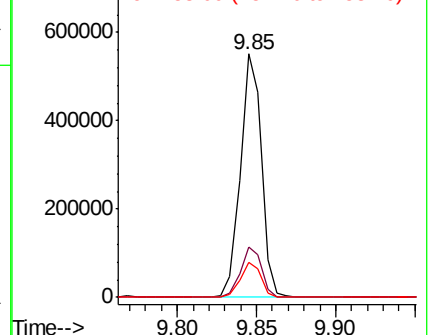
152 100

151 20.9 15.8 23.8

153 14.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.061 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

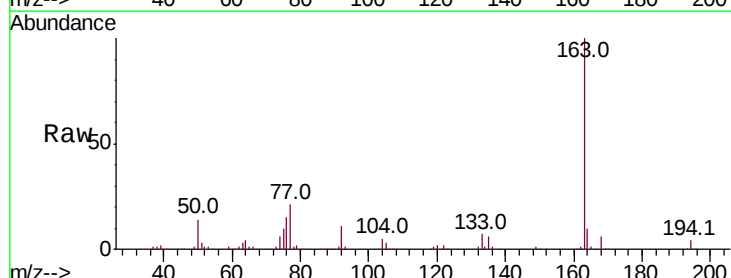
Tgt Ion:163 Resp: 393432

Ion Ratio Lower Upper

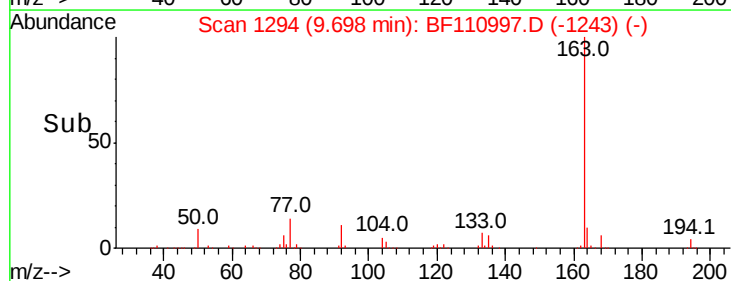
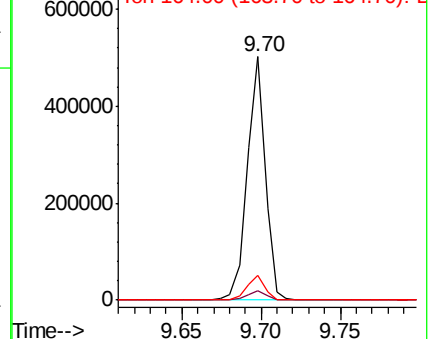
163 100

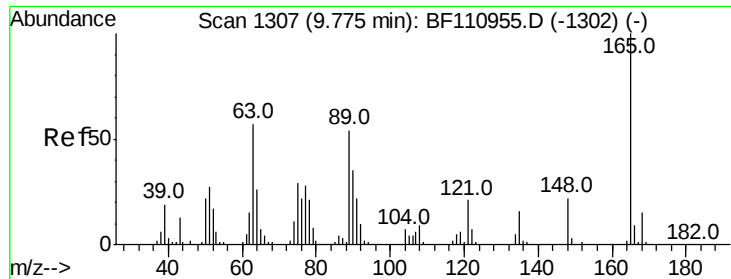
194 3.6 3.2 4.8

164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.530 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

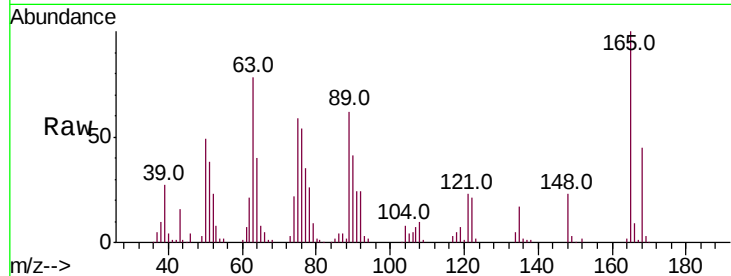
Tot Ion:165 Resp: 88612

Ion Ratio Lower Upper

165 100

63 78.2 48.9 73.3#

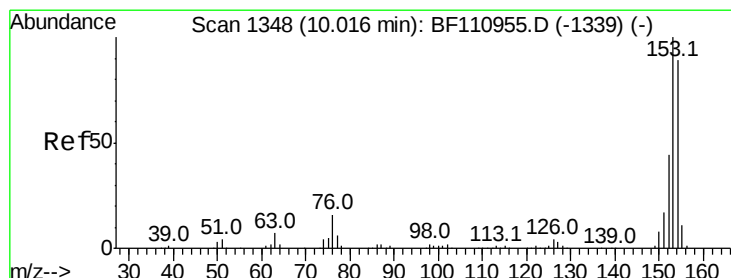
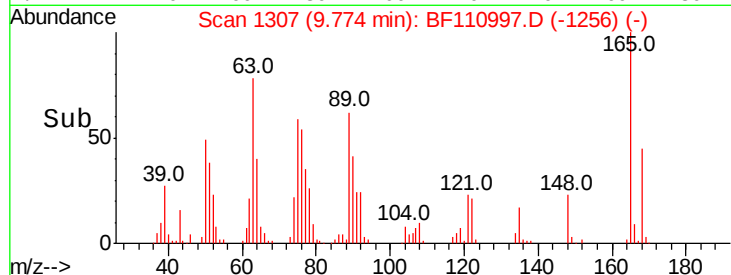
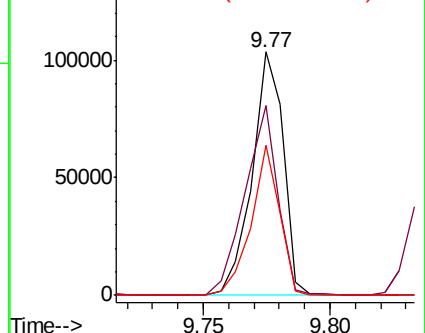
89 61.7 46.6 69.8



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: 40.071 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

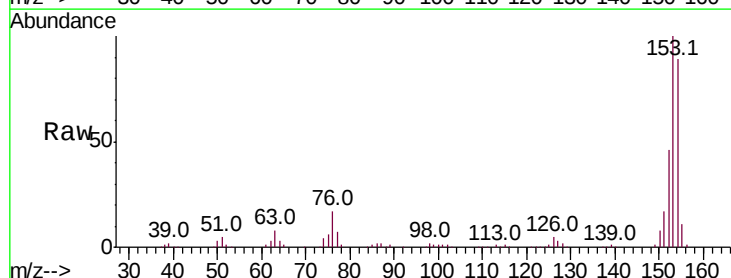
Tgt Ion:154 Resp: 326972

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

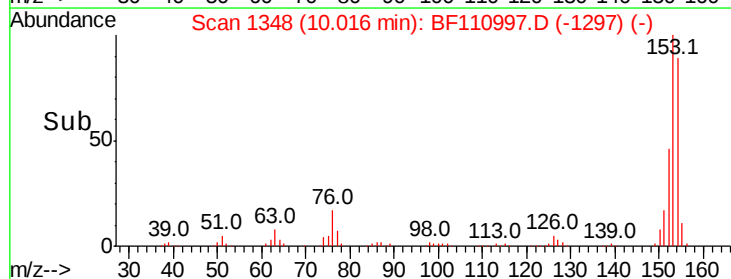
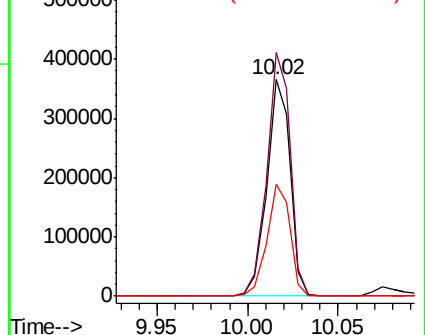
152 51.5 43.4 65.2

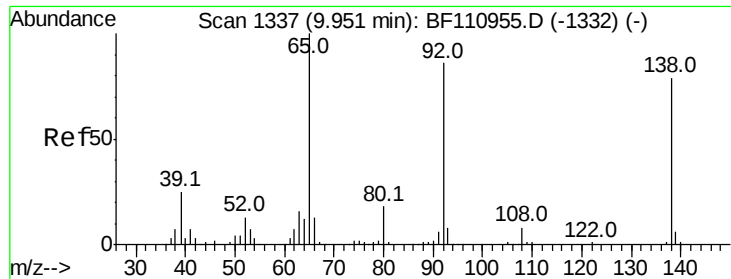


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

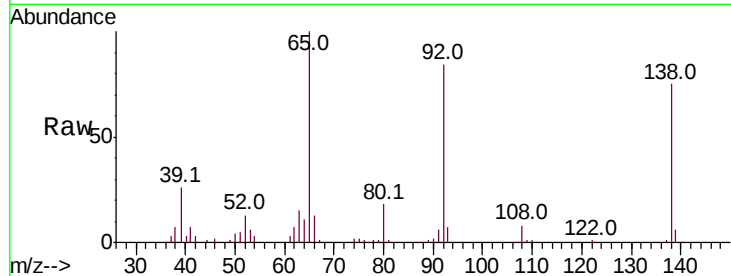




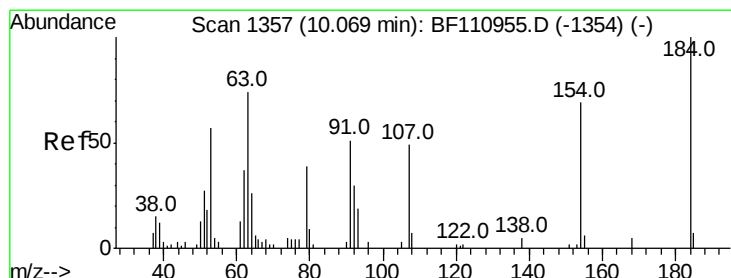
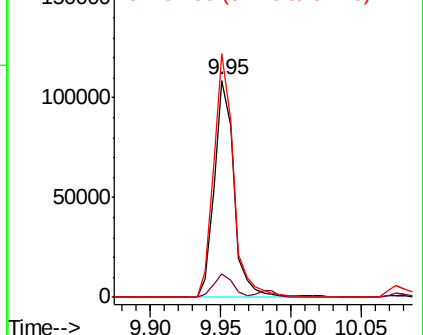
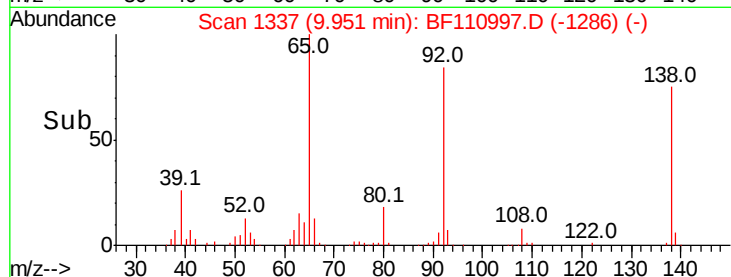
#53
3-Nitroaniline
Concen: 41.489 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 105720
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 112.0 97.0 145.4

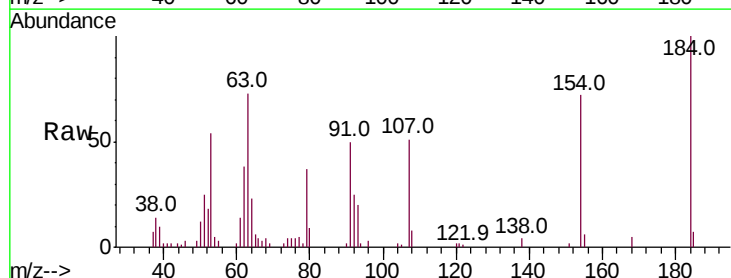


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

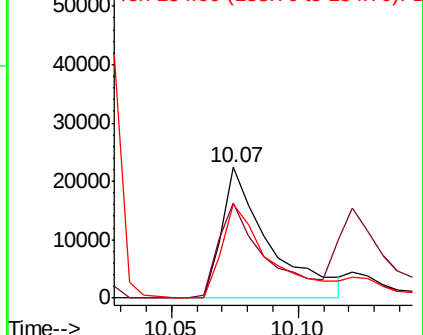
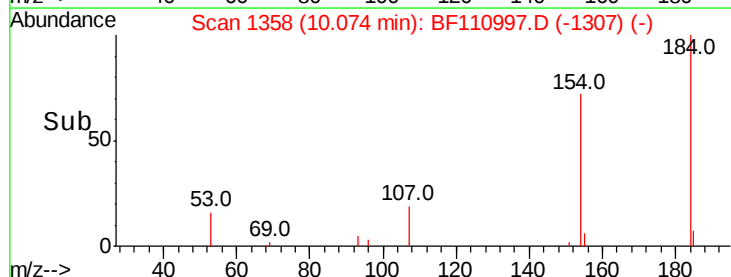


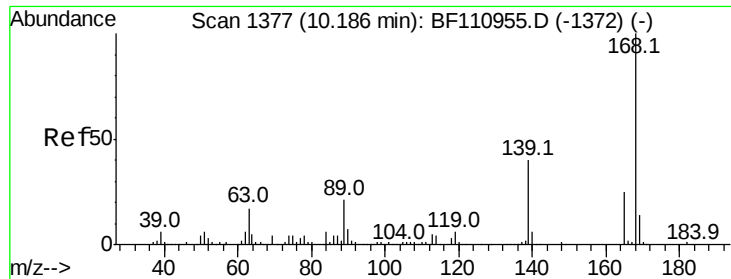
#54
2,4-Dinitrophenol
Concen: 39.854 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:184 Resp: 29274
Ion Ratio Lower Upper
184 100
63 73.0 55.8 83.6
154 72.3 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

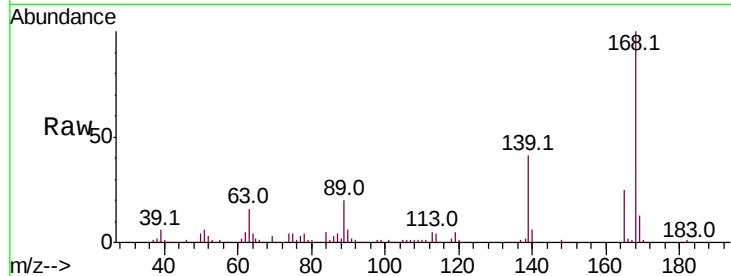




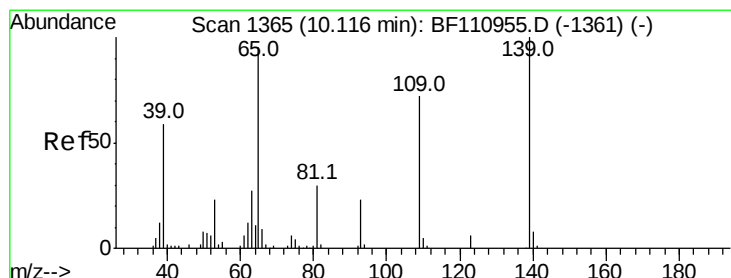
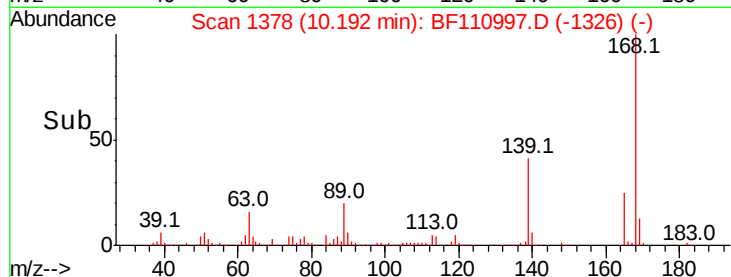
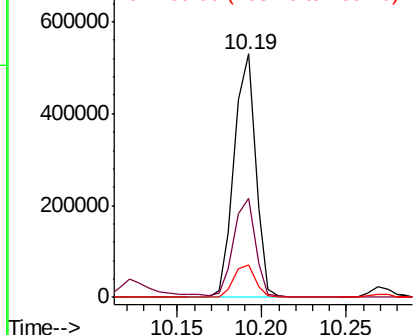
#55
Dibenzenofuran
Concen: 39.678 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 472322
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.3 11.3 16.9

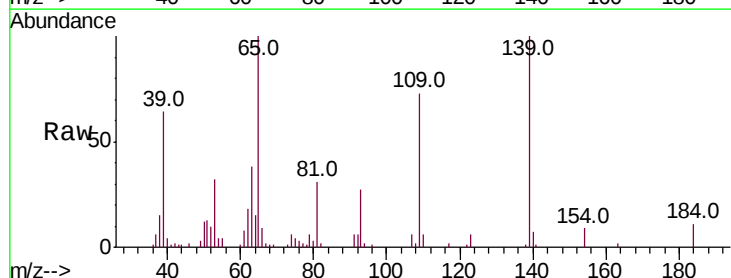


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

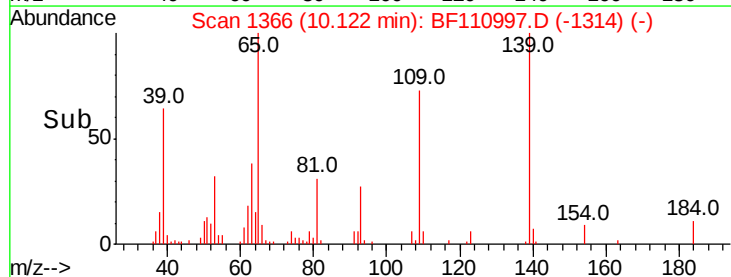
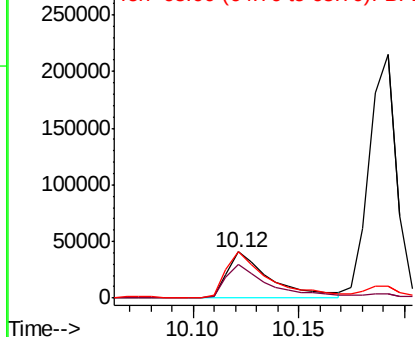


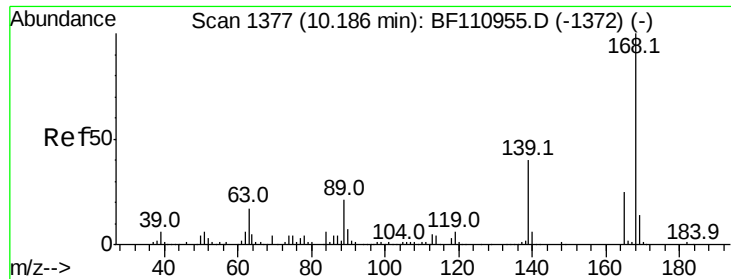
#56
4-Nitrophenol
Concen: 42.844 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:139 Resp: 57746
Ion Ratio Lower Upper
139 100
109 72.8 55.8 95.8
65 100.1 77.9 117.9



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

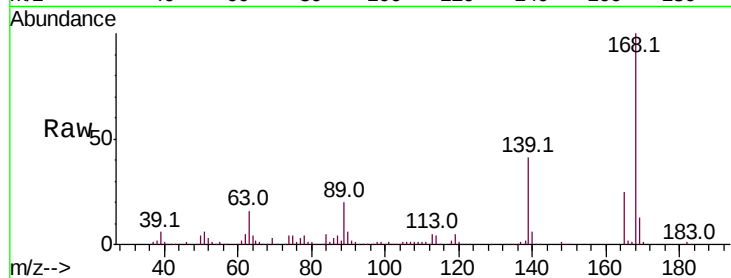




#57
 2,4-Dinitrotoluene
 Concen: 40.336 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.8	44.8	67.2
89	79.9	62.2	93.4
182	2.6	2.1	3.1



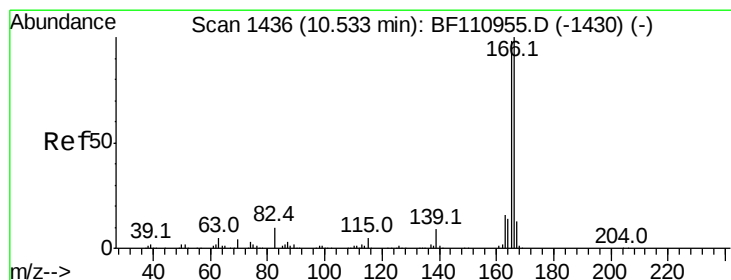
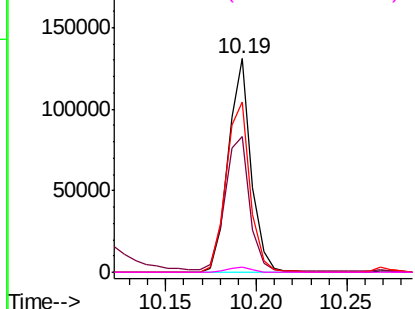
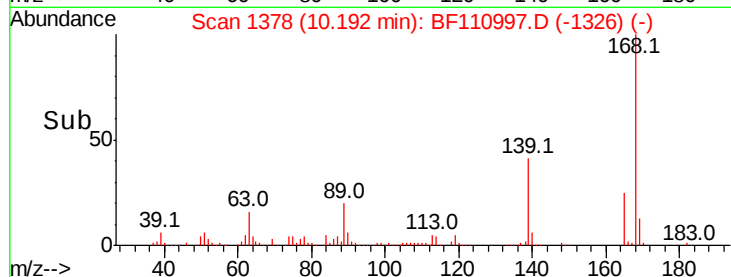
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

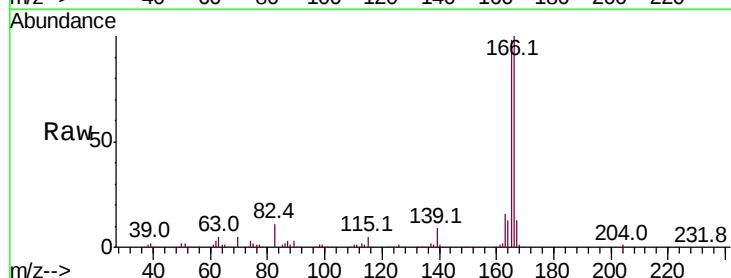
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.490 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	12.9	10.8	16.2

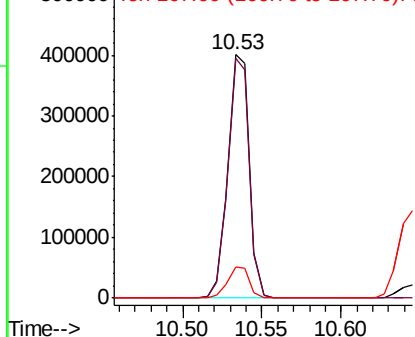
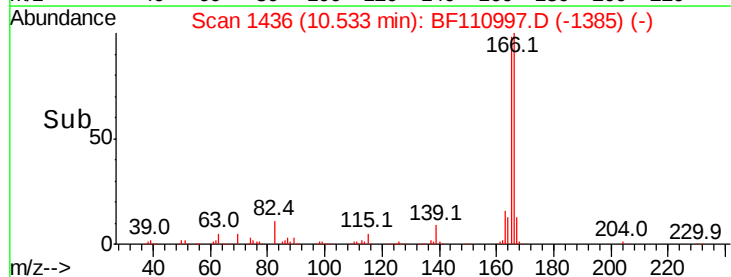


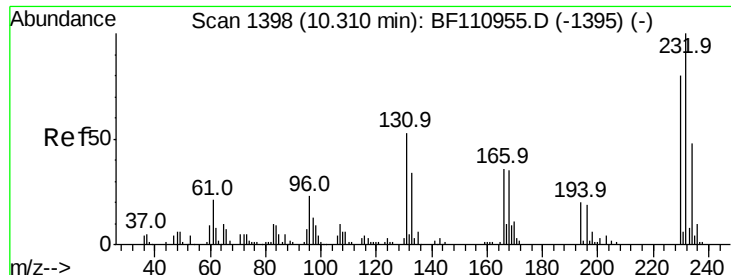
Abundance

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: 39.159 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 85133

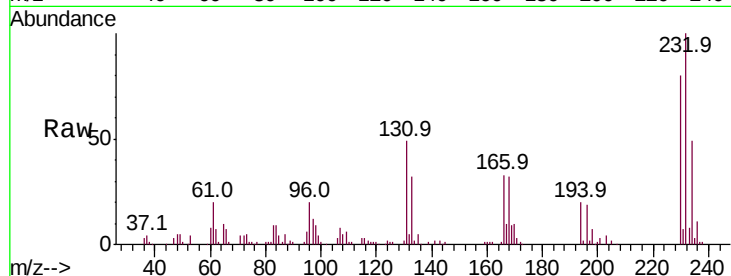
Ion Ratio Lower Upper

232 100

131 52.0 37.0 55.4

130 2.4 1.8 2.6

166 32.6 22.0 33.0

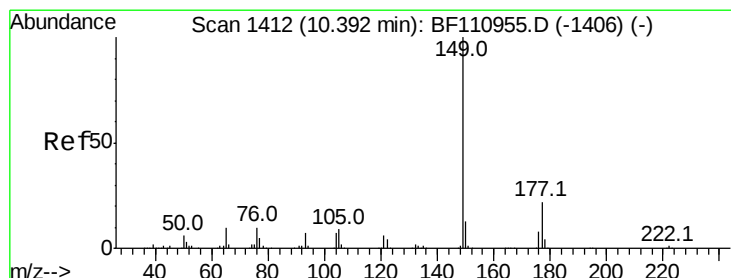
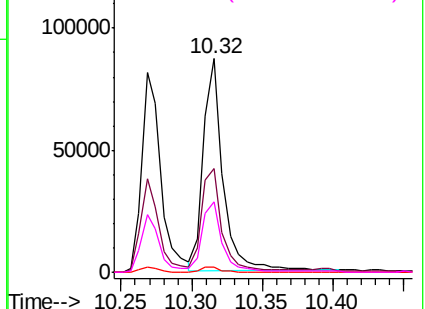
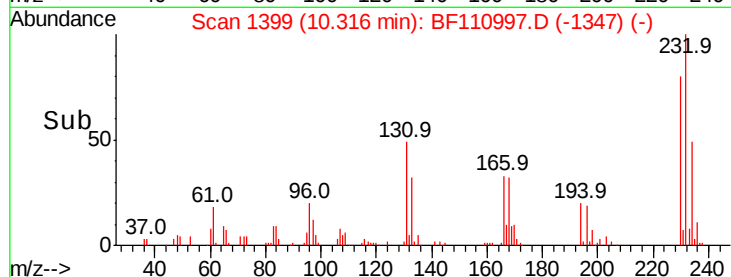


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.812 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

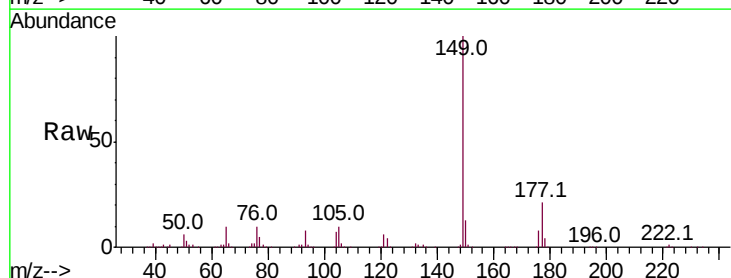
Tgt Ion:149 Resp: 413321

Ion Ratio Lower Upper

149 100

177 20.9 17.4 26.2

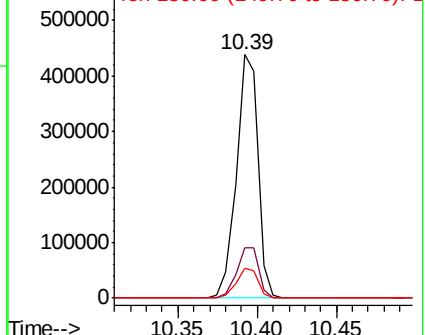
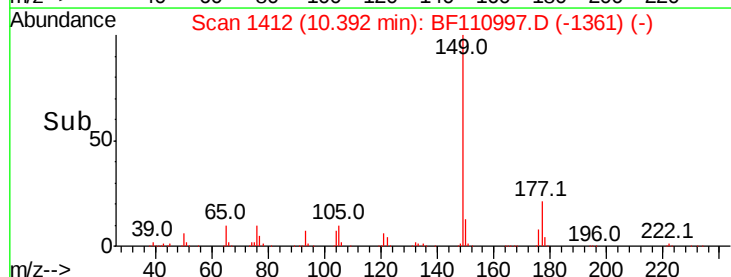
150 12.5 9.8 14.8

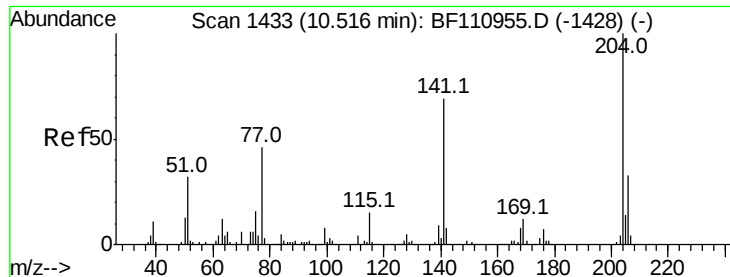


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

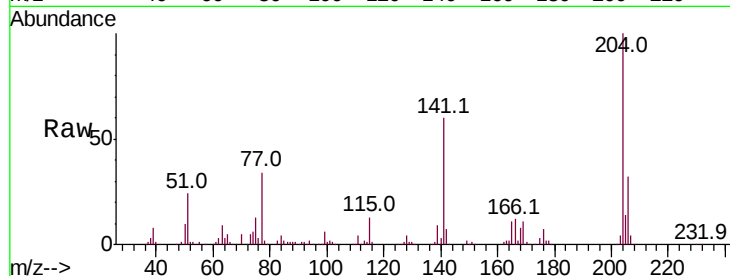




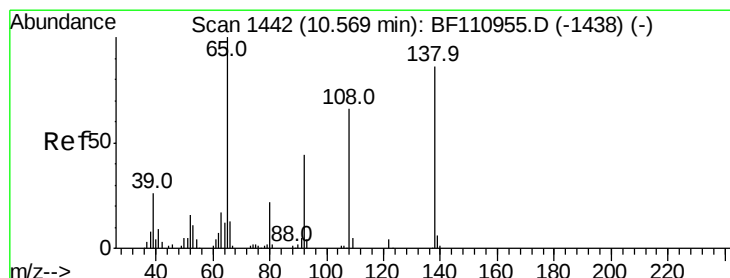
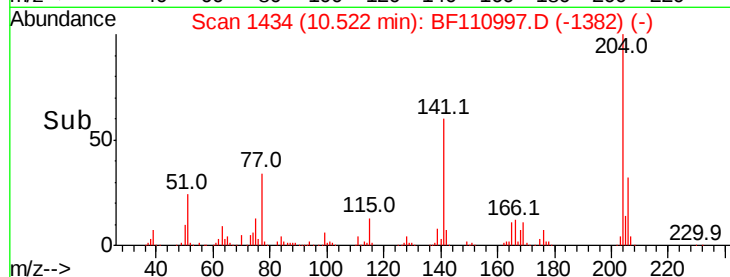
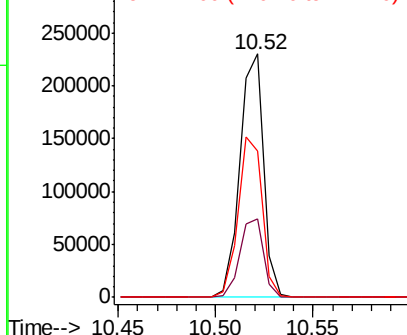
#61
4-Chlorophenyl-phenylether
Concen: 40.024 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 193889
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 60.0 51.8 77.8

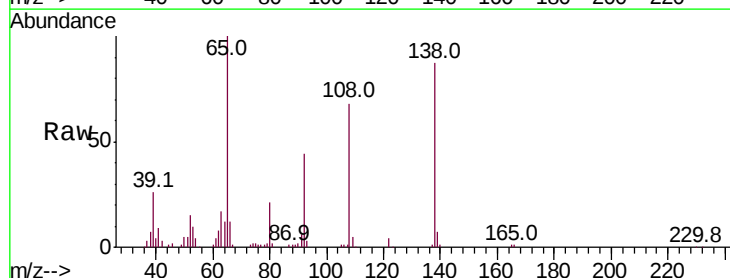


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

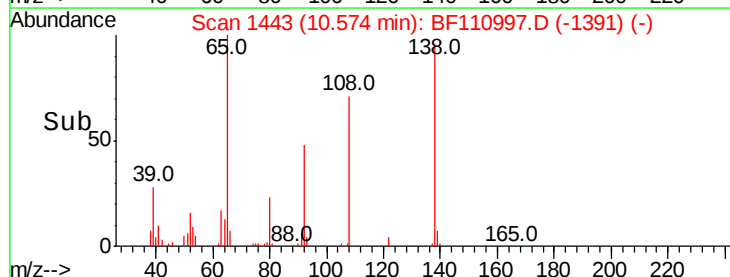
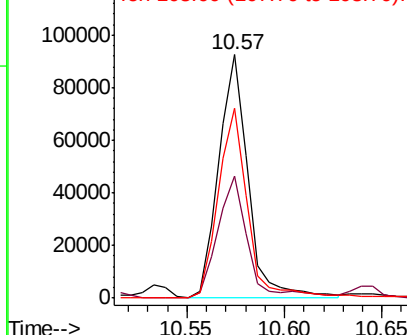


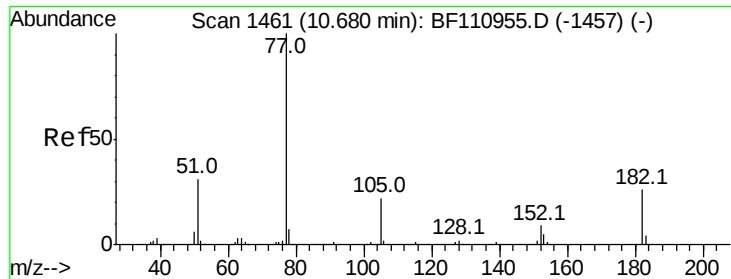
#62
4-Nitroaniline
Concen: 41.041 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:138 Resp: 97372
Ion Ratio Lower Upper
138 100
92 50.0 31.7 71.7
108 78.0 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

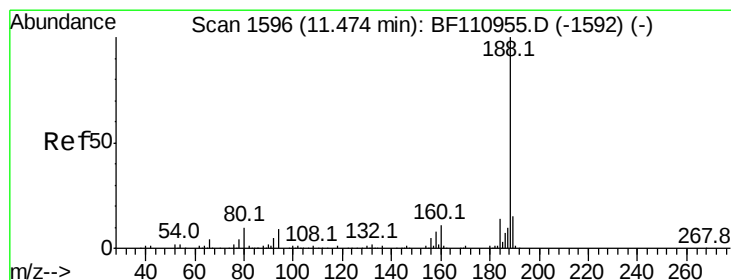
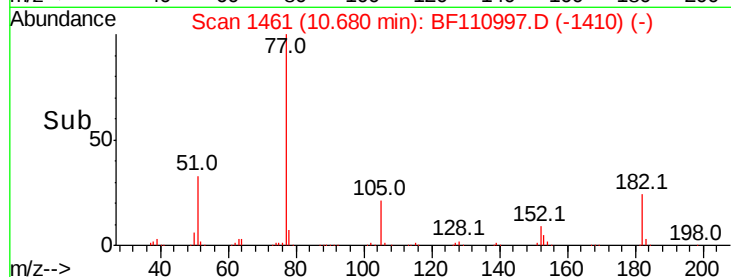
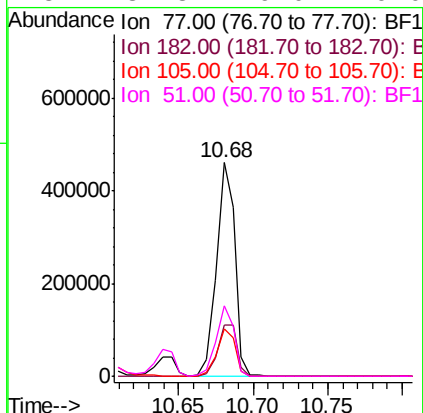
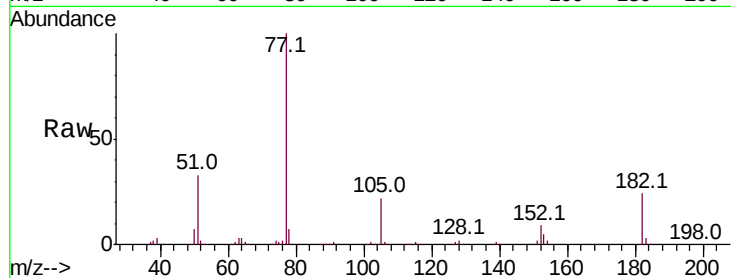




#63
Azobenzene
Concen: 40.178 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

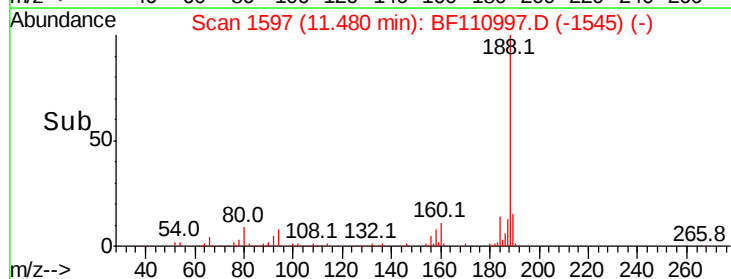
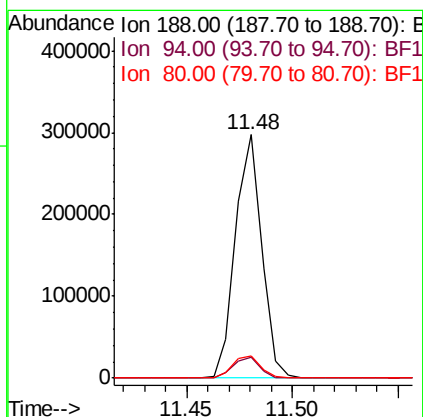
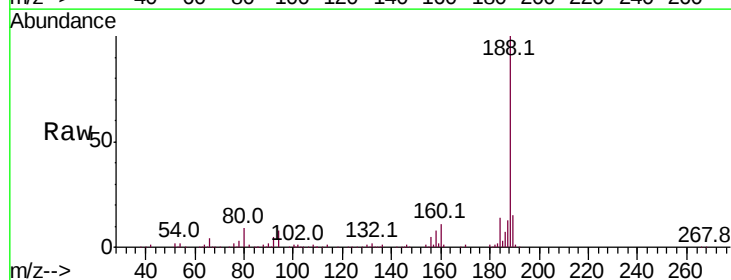
Instrument :
BNA_F
ClientSampleId :

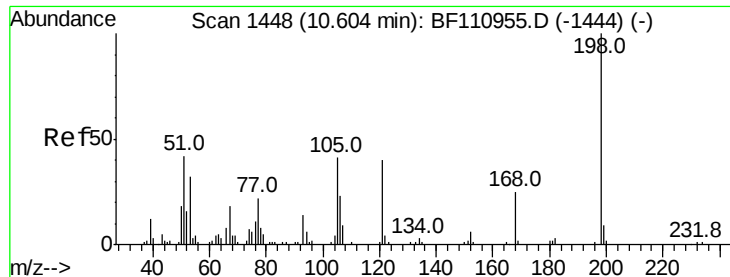
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.3	44.3
105	22.2	1.3	41.3
51	32.8	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.0	7.9	11.9

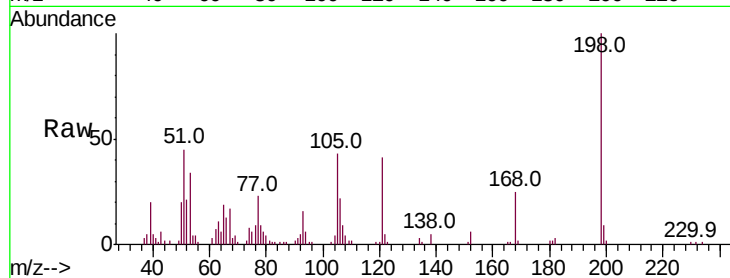




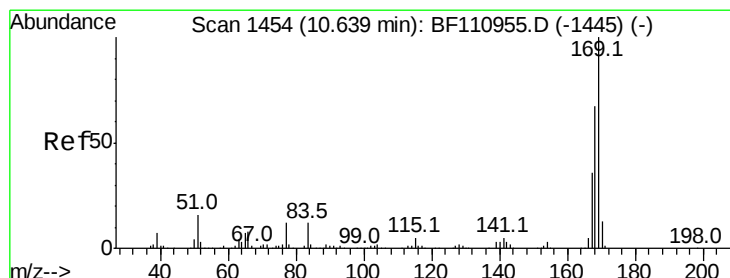
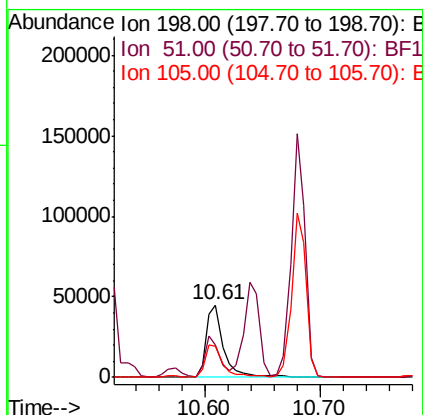
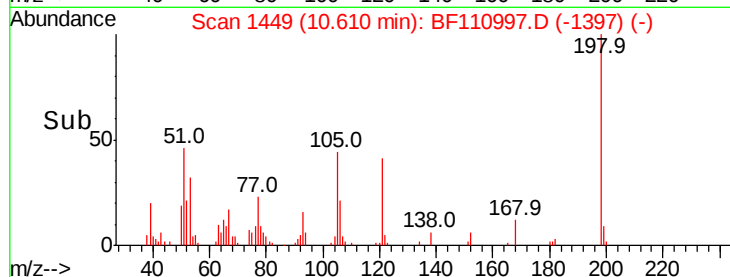
#65
4,6-Dinitro-2-methylphenol
Concen: 39.671 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 47969
Ion Ratio Lower Upper
198 100
51 45.2 22.8 62.8
105 42.8 23.6 63.6

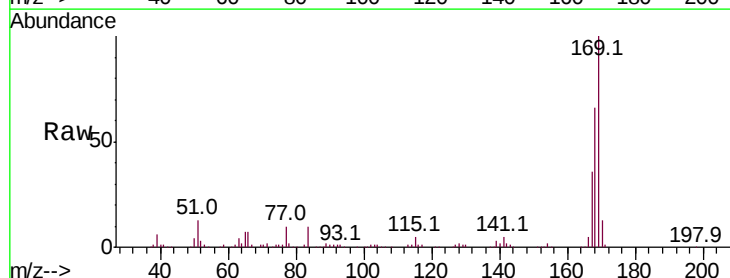


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

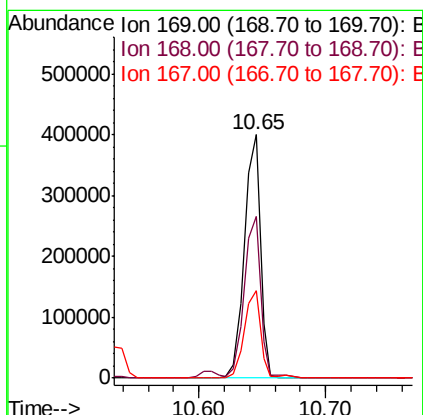
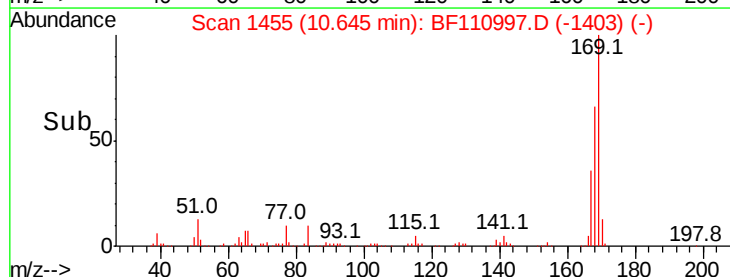


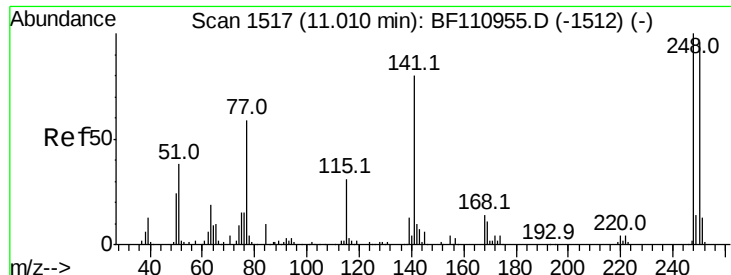
#66
n-Nitrosodiphenylamine
Concen: 40.962 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:169 Resp: 348565
Ion Ratio Lower Upper
169 100
168 66.5 51.2 76.8
167 35.8 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

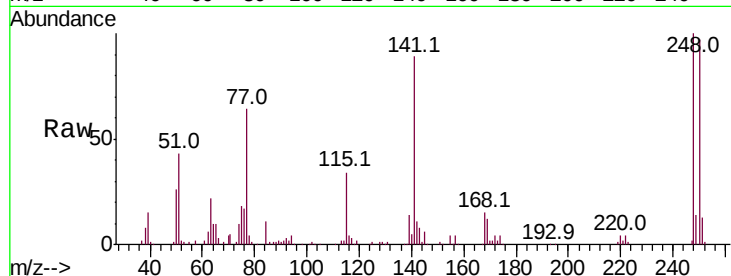




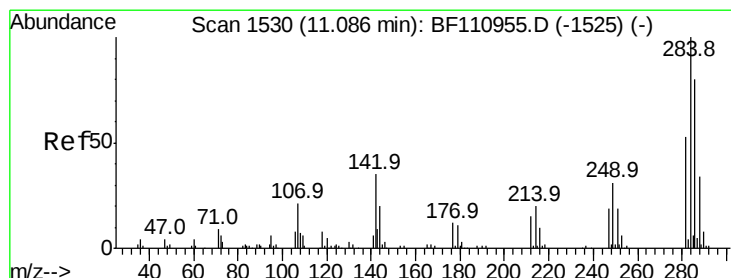
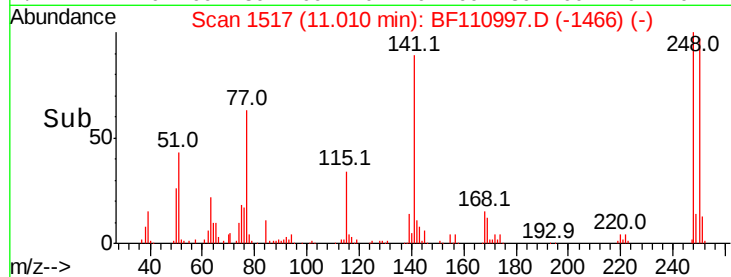
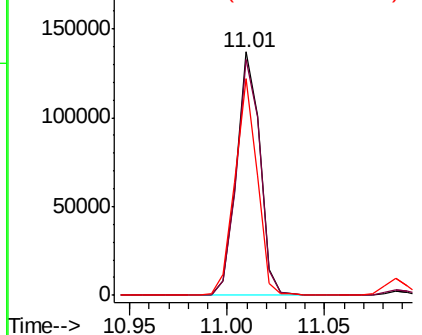
#67
 4-Bromophenyl-phenylether
 Concen: 41.001 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 114144
 Ion Ratio Lower Upper
 248 100
 250 96.9 79.4 119.2
 141 89.2 55.9 83.9#

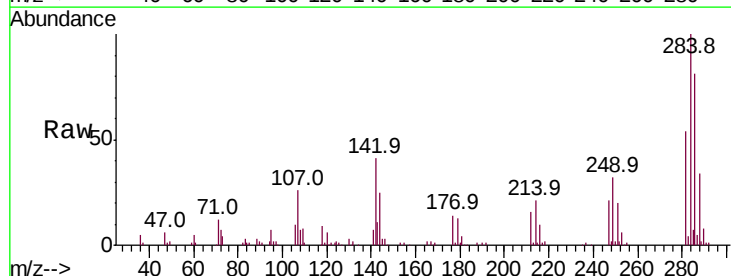


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

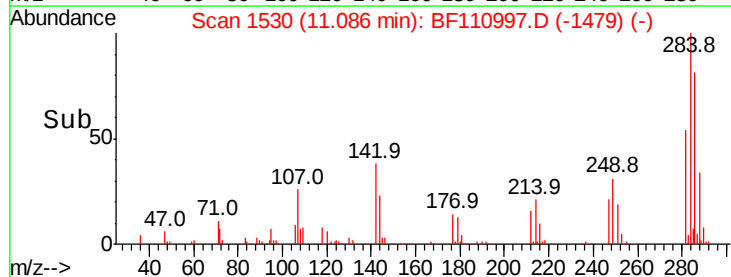
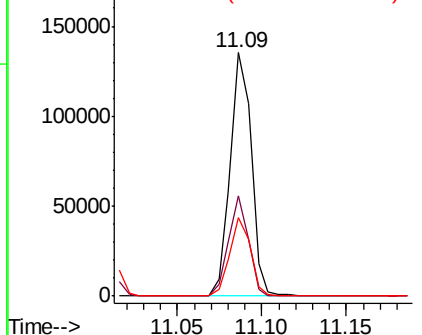


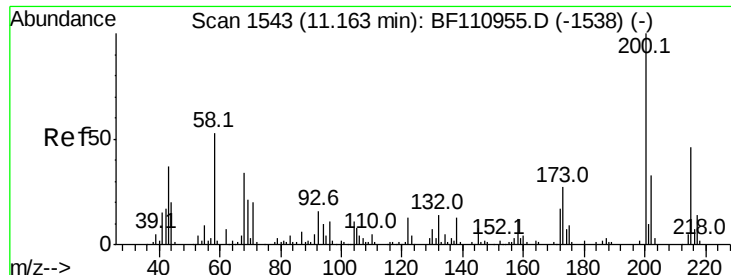
#68
 Hexachlorobenzene
 Concen: 39.651 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion:284 Resp: 117575
 Ion Ratio Lower Upper
 284 100
 142 40.9 23.9 35.9#
 249 32.5 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

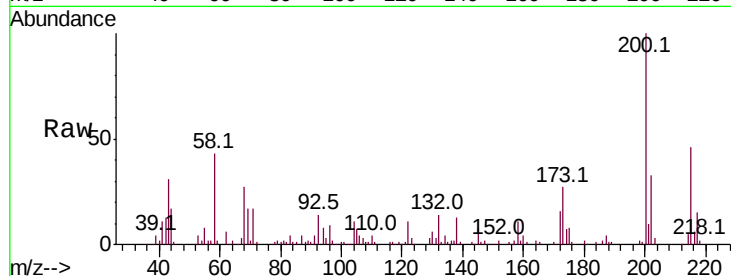




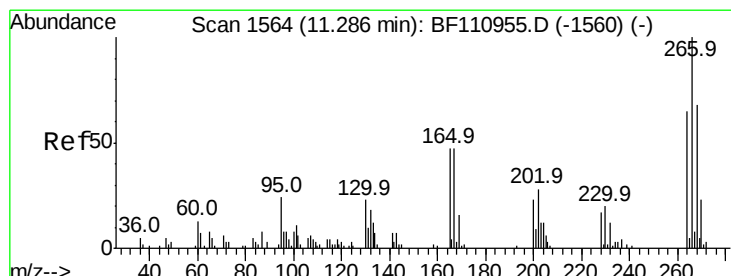
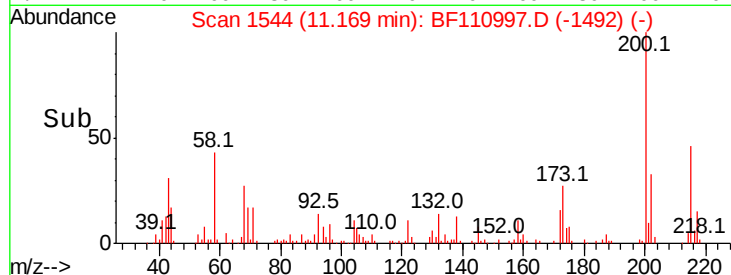
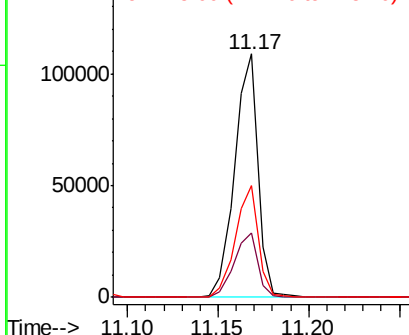
#69
Atrazine
Concen: 41.570 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	45.9	26.3	66.3

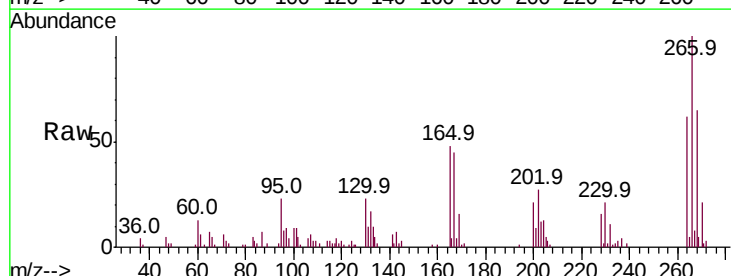


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

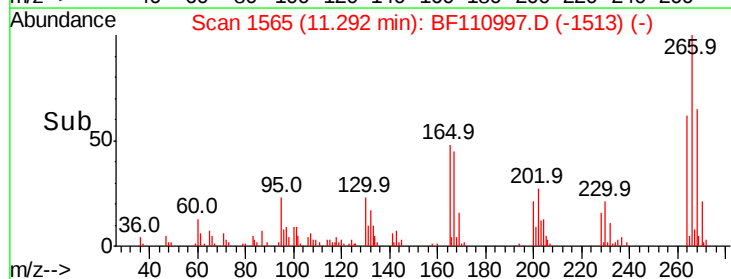
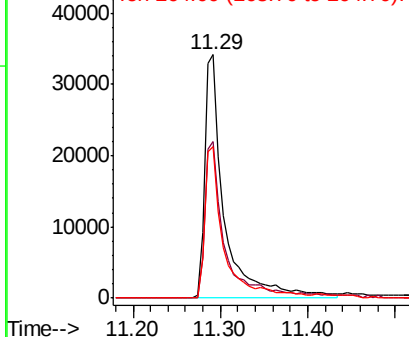


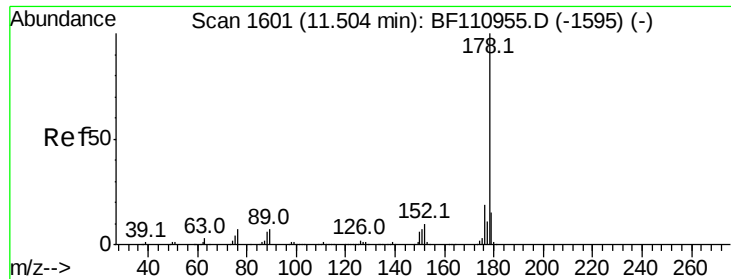
#70
Pentachlorophenol
Concen: 45.255 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	75.8
264	62.3	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: 40.324 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

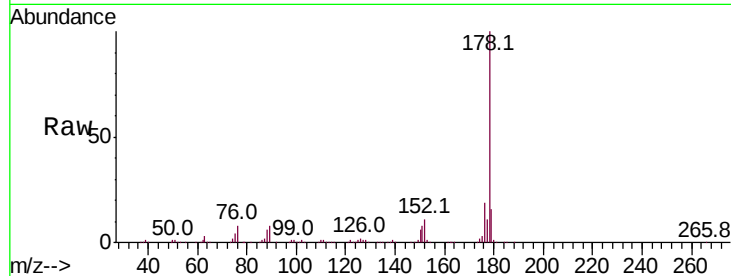
Tot Ion:178 Resp: 545919

Ion Ratio Lower Upper

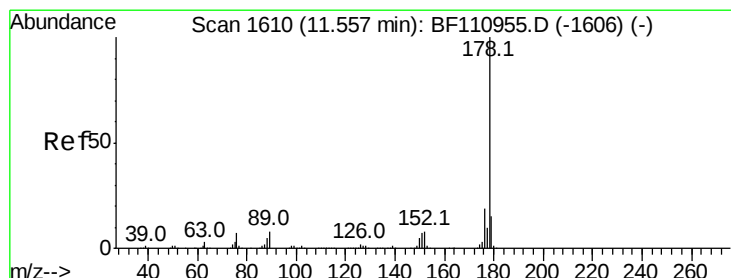
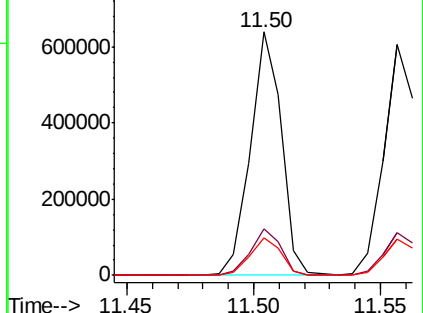
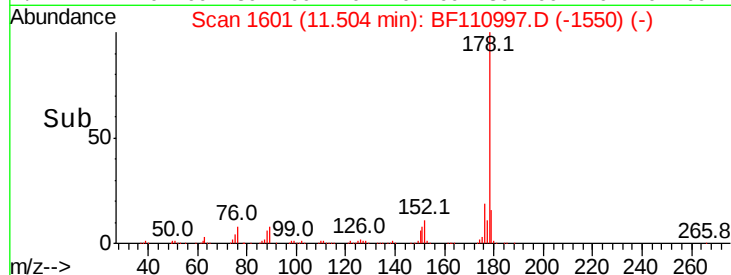
178 100

176 18.9 15.5 23.3

179 15.5 12.5 18.7



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



#72

Anthracene

Concen: 40.104 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

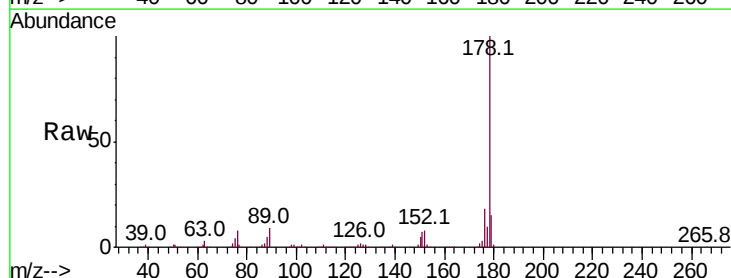
Tgt Ion:178 Resp: 552928

Ion Ratio Lower Upper

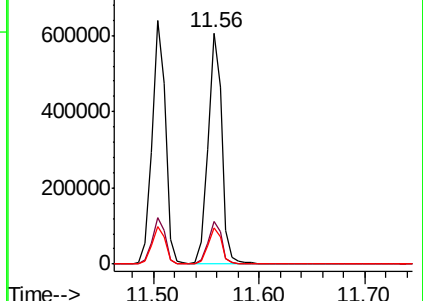
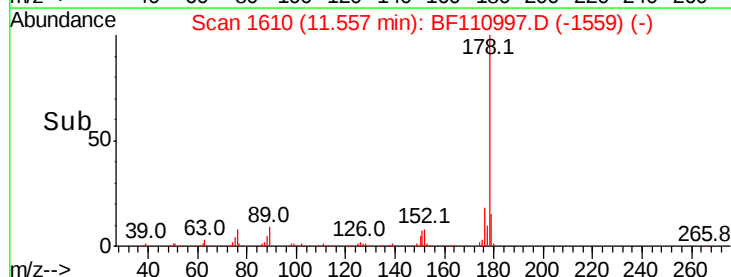
178 100

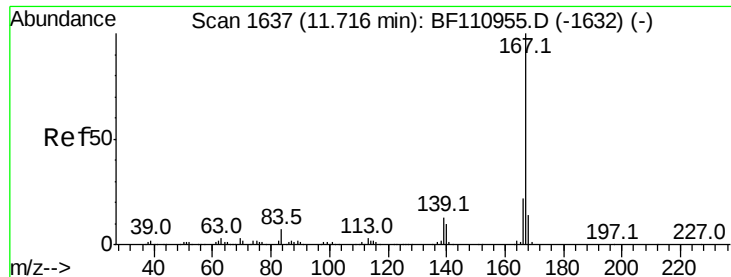
176 18.5 15.4 23.2

179 15.5 12.6 18.8



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

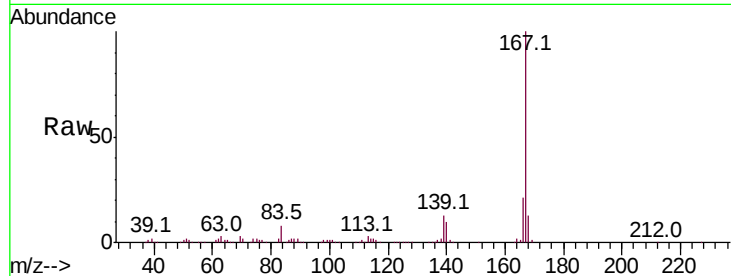




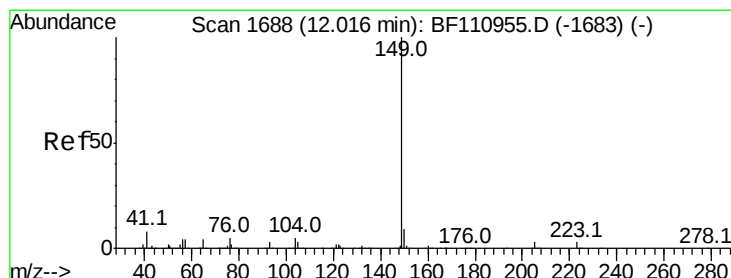
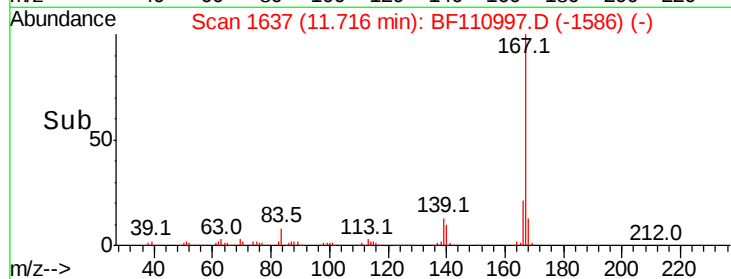
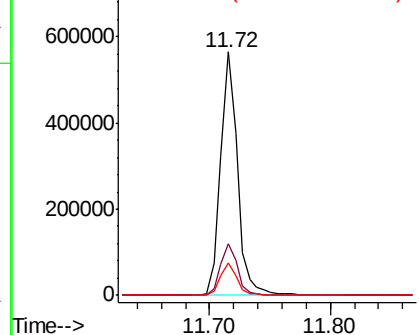
#73
 Carbazole
 Concen: 40.629 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.4	10.9	16.3

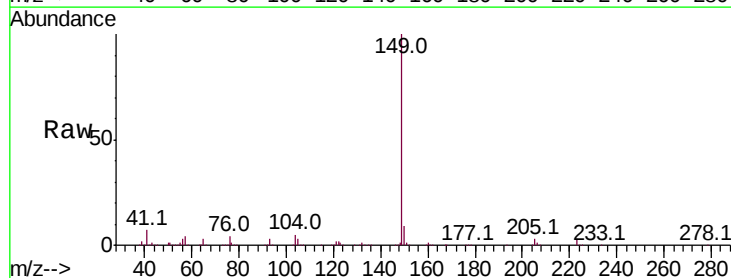


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

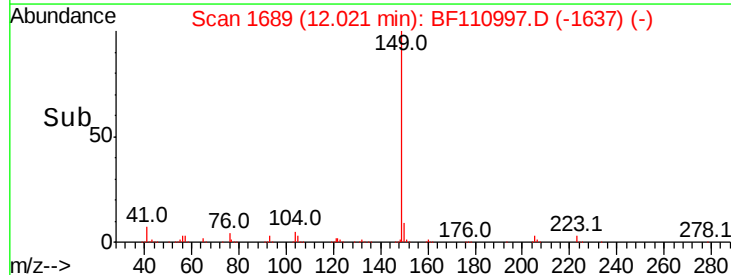
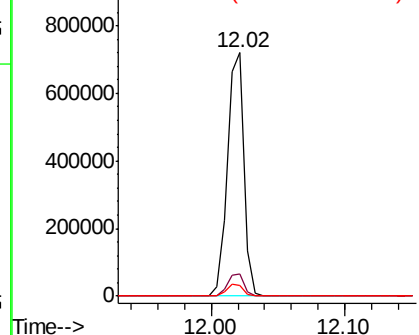


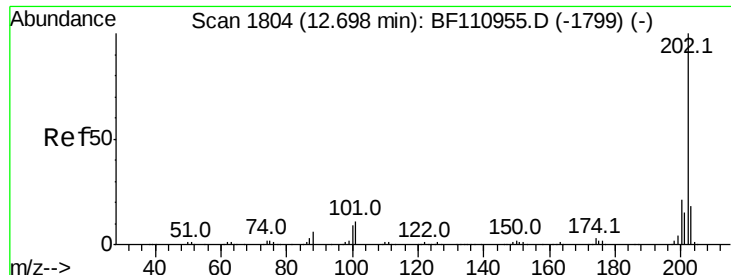
#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.6	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

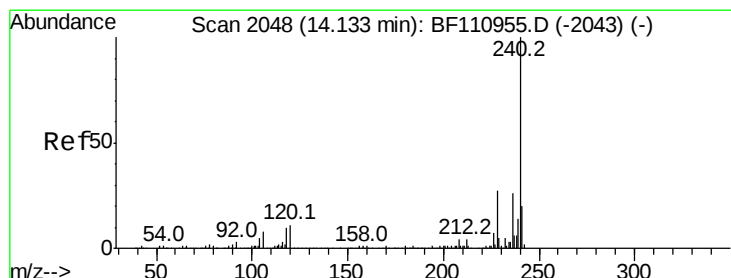
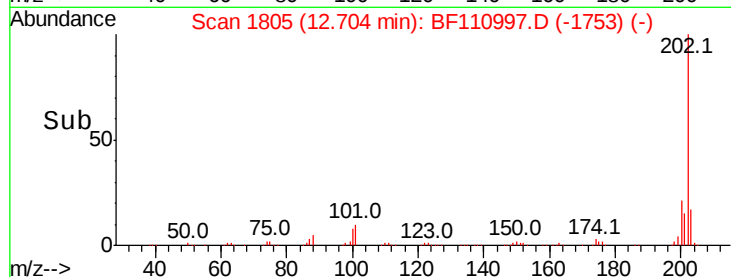
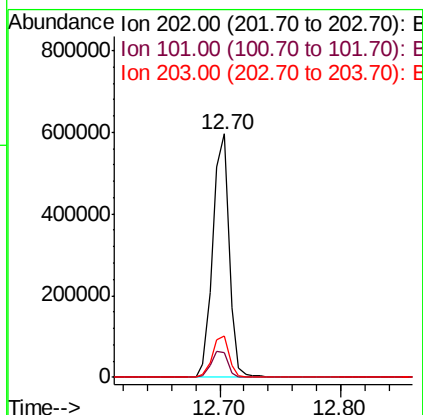
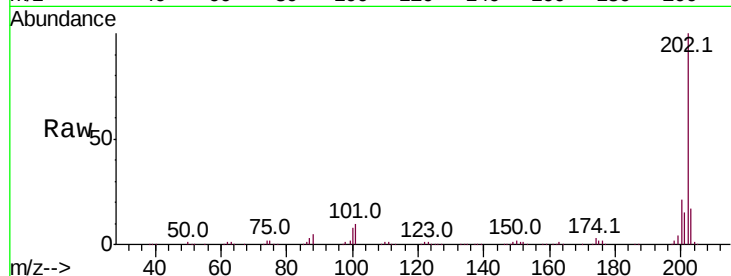




#75
 Fluoranthene
 Concen: 39.853 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

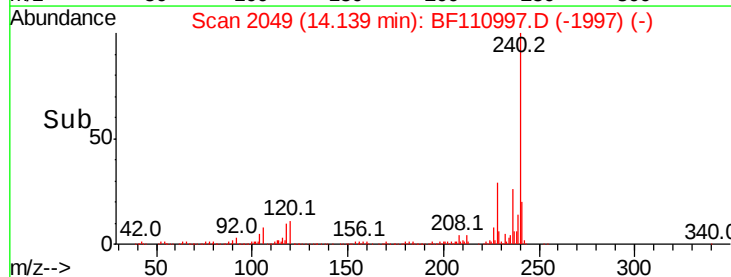
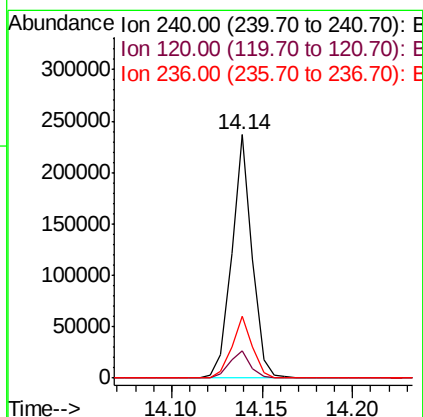
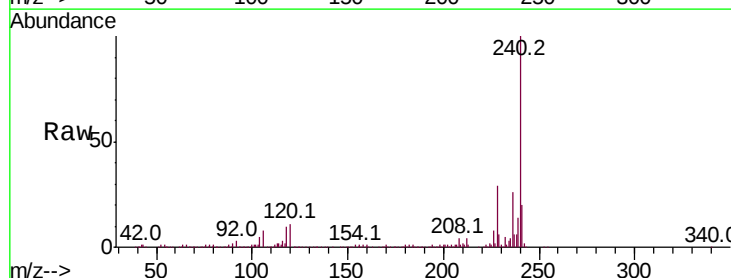
Instrument :
 BNA_F
 ClientSampleId :

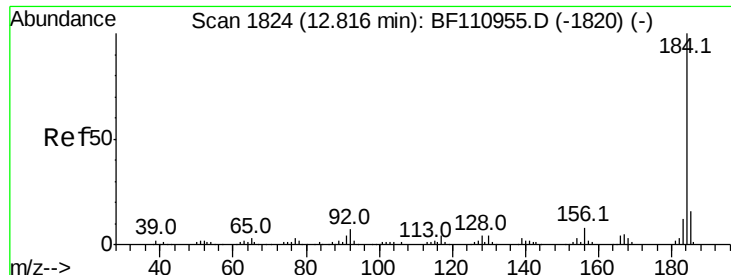
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.2	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.6	21.2	31.8





#77

Benzidine

Concen: 44.303 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampled :

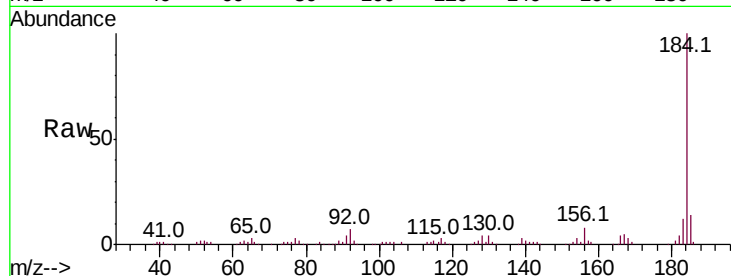
Tot Ion:184 Resp: 208745

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

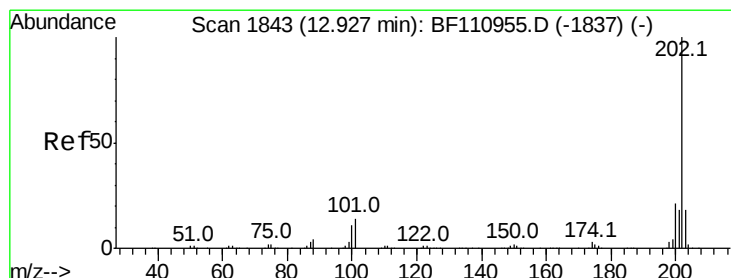
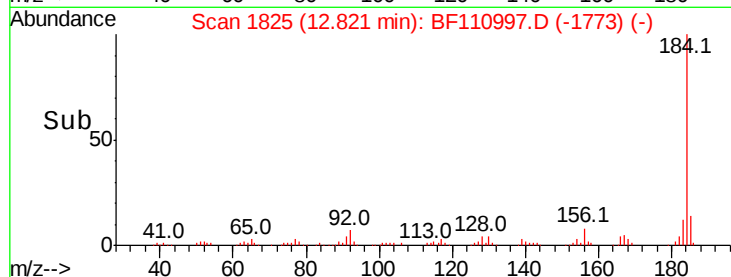
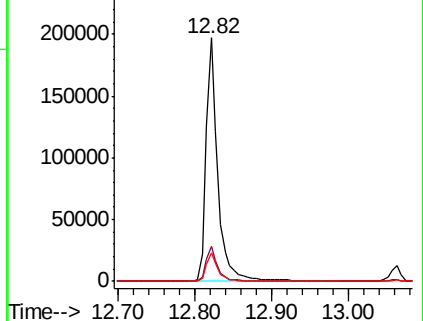
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.025 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

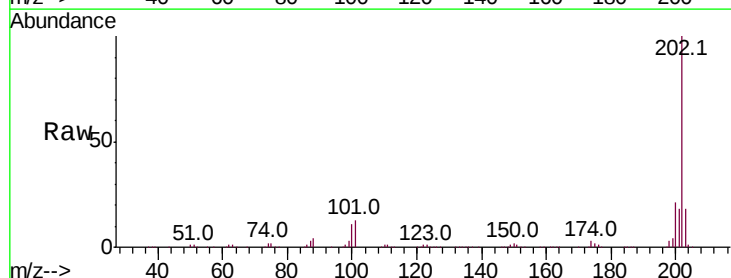
Tgt Ion:202 Resp: 565423

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

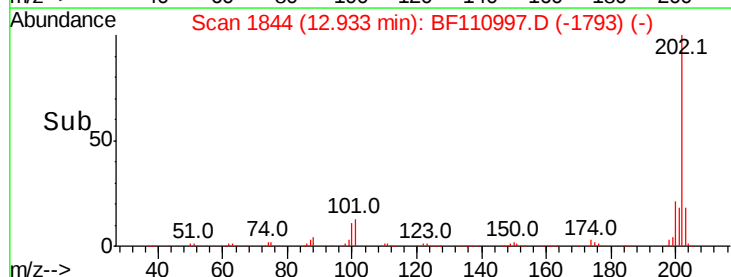
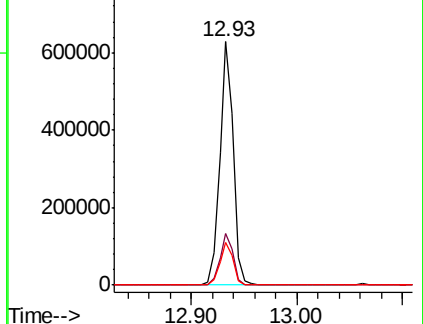
203 17.6 14.2 21.4

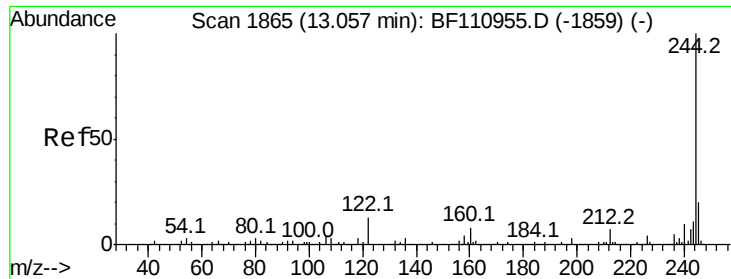


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.258 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

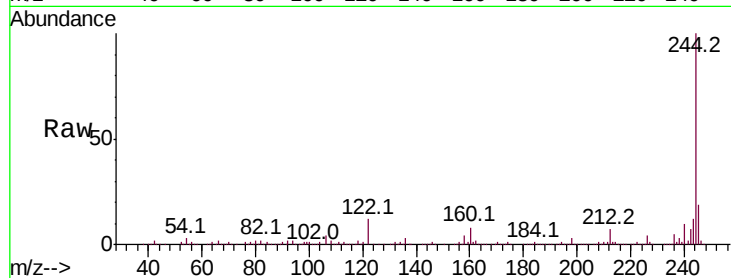
Tot Ion:244 Resp: 778412

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

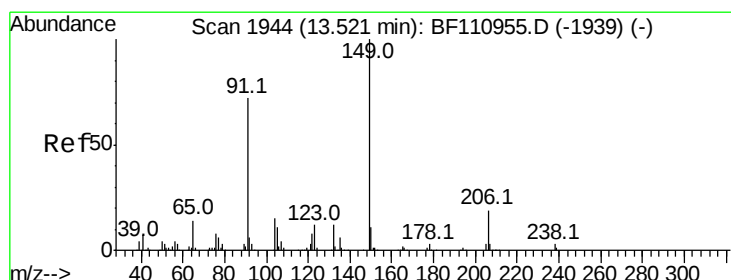
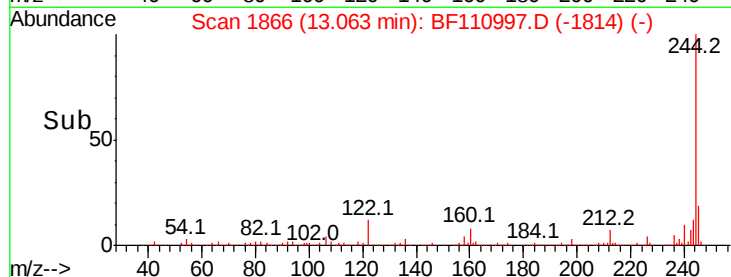
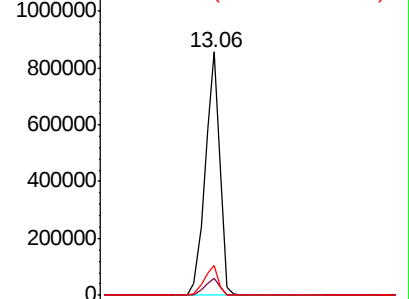
122 12.3 8.7 13.1



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: 41.939 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

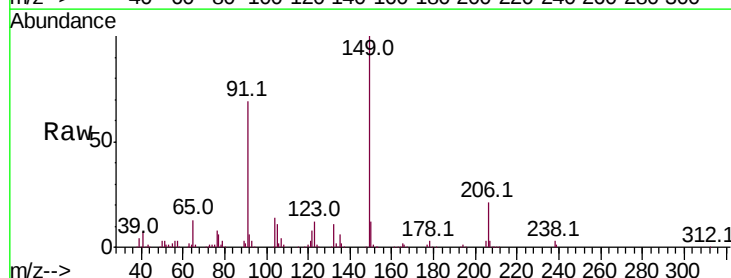
Tgt Ion:149 Resp: 254750

Ion Ratio Lower Upper

149 100

91 68.9 57.2 85.8

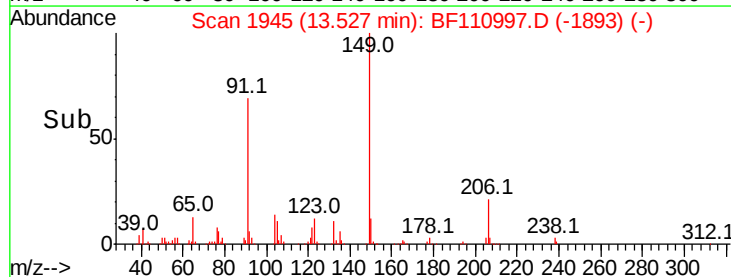
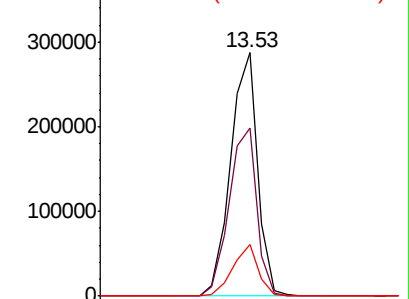
206 21.0 15.7 23.5

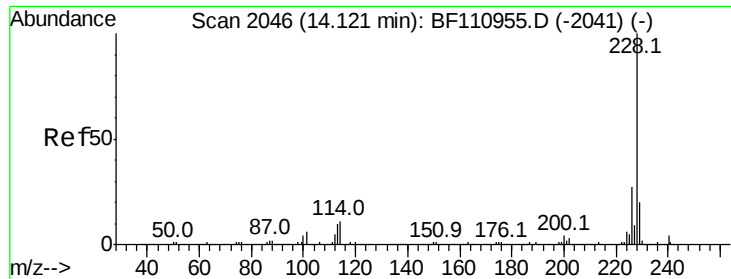


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

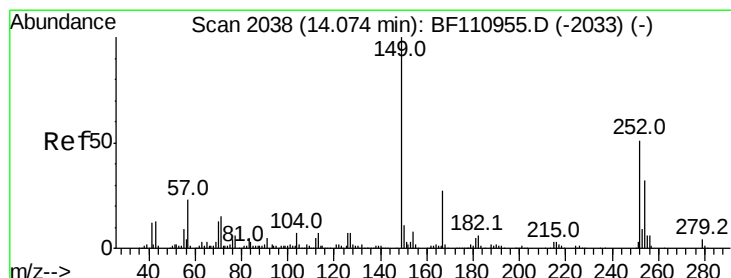
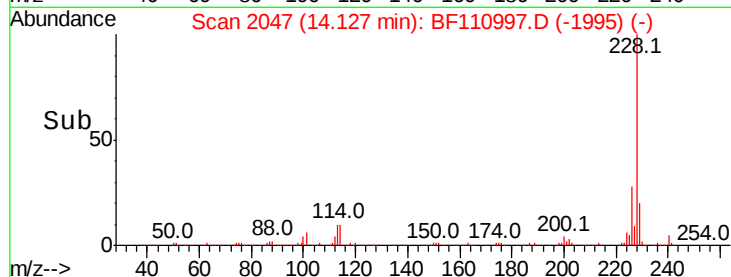
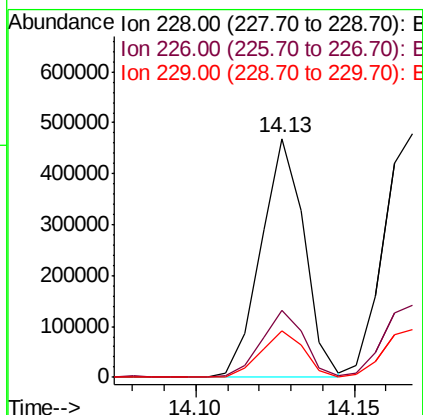
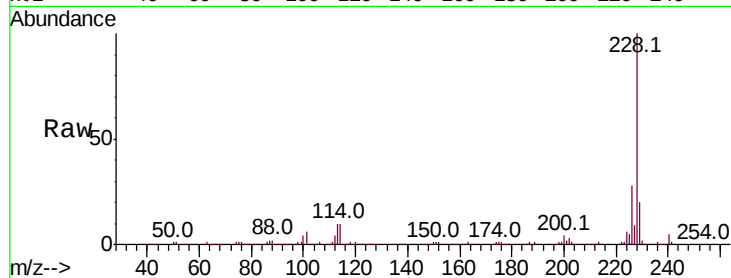




#81
Benzo(a)anthracene
Concen: 40.850 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

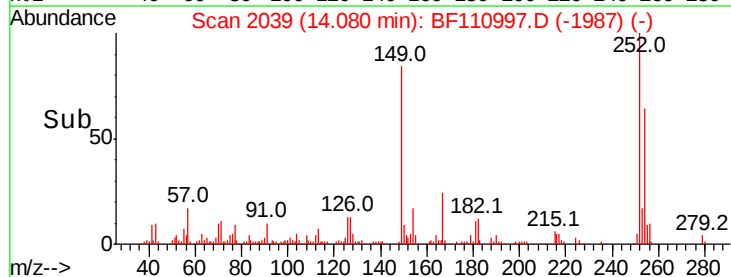
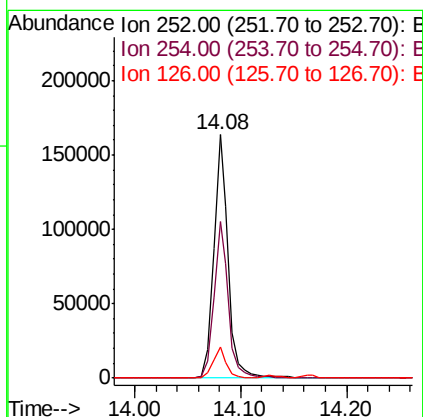
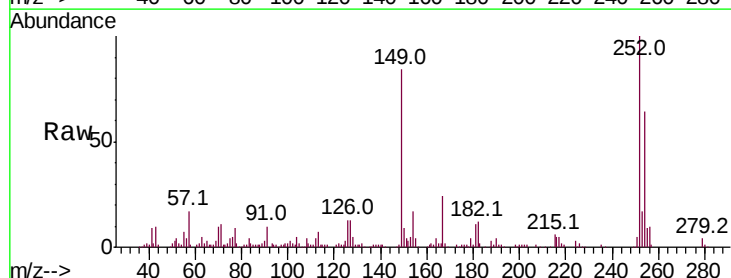
Instrument :
BNA_F
ClientSampleId :

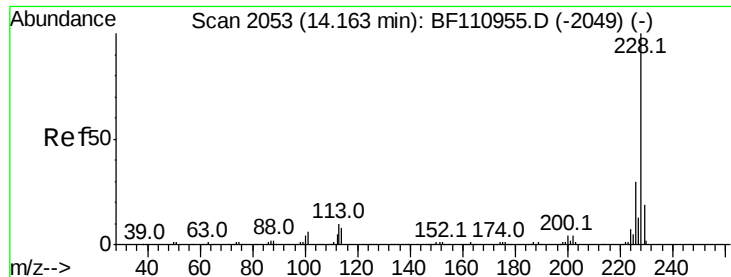
Tot Ion:228 Resp: 444268
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.065 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion:252 Resp: 156866
Ion Ratio Lower Upper
252 100
254 64.3 51.3 76.9
126 12.5 9.4 14.2

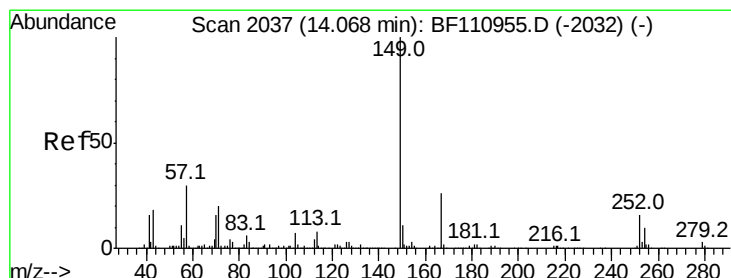
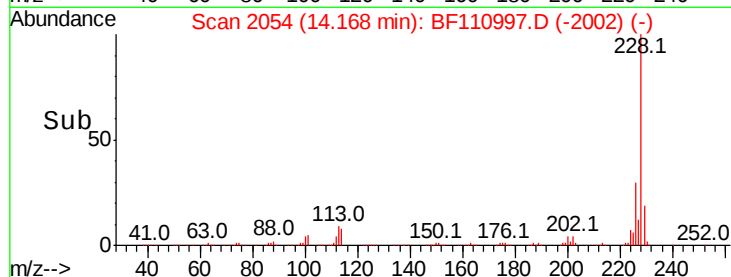
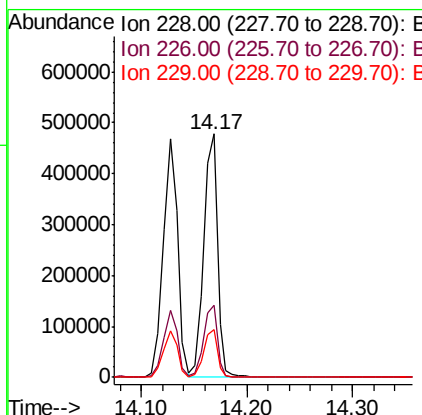
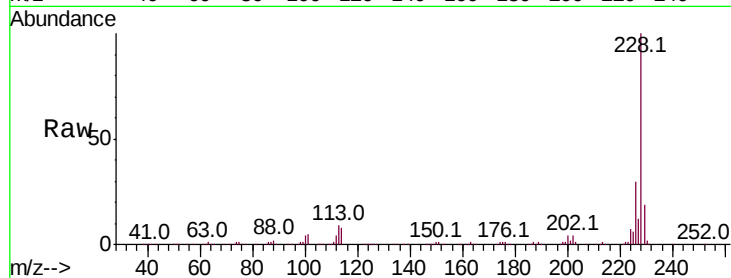




#83
 Chrysene
 Concen: 40.158 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

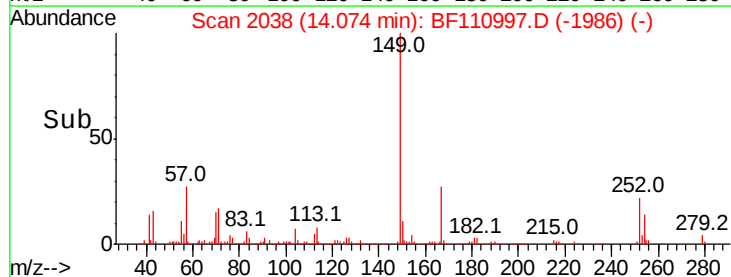
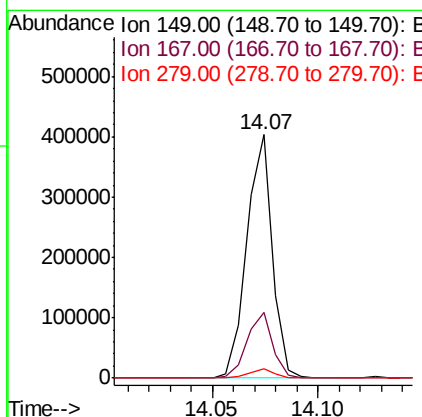
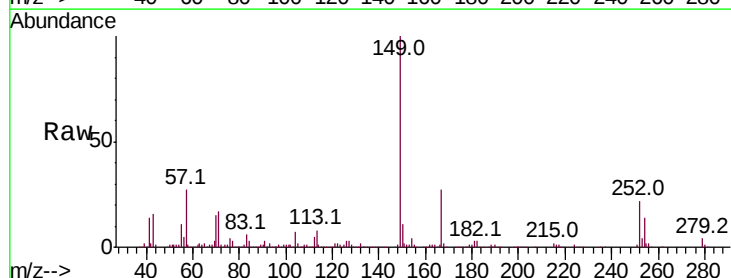
Instrument :
 BNA_F
 ClientSampleId :

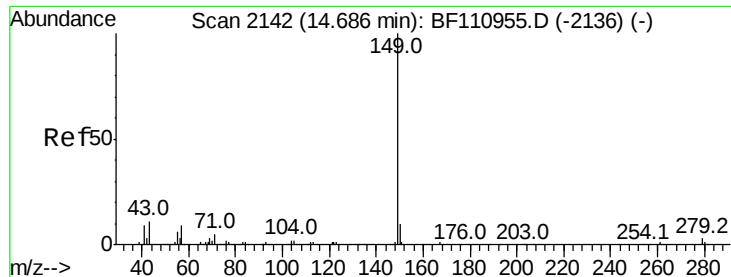
Tot Ion:228 Resp: 429935
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.7 37.1
 229 19.4 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.821 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF110997.D
 Acq: 27 Nov 2018 9:28

Tgt Ion:149 Resp: 338502
 Ion Ratio Lower Upper
 149 100
 167 26.9 19.8 29.8
 279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.263 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

Instrument :

BNA_F

ClientSampleId :

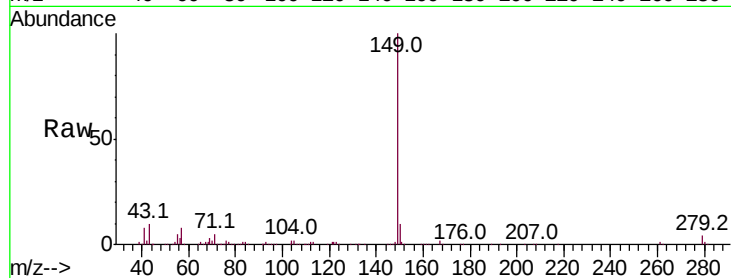
Tot Ion:149 Resp: 514428

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

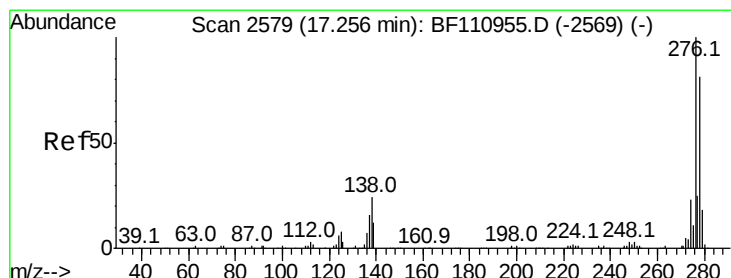
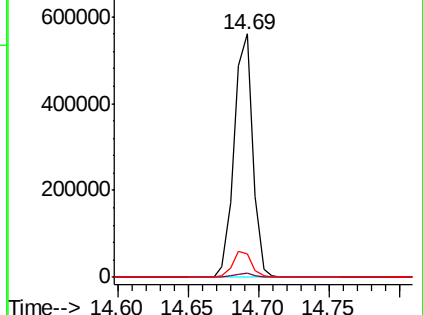
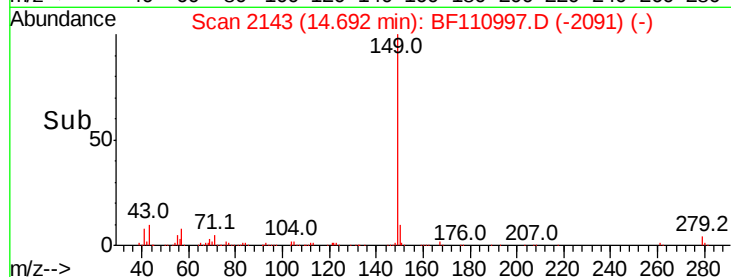
43 10.7 7.8 11.8



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: 39.910 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF110997.D

Acq: 27 Nov 2018 9:28

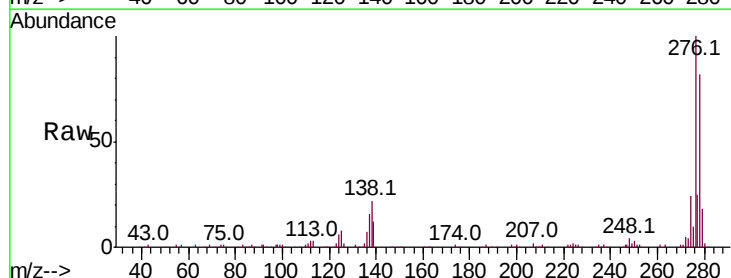
Tgt Ion:276 Resp: 306705

Ion Ratio Lower Upper

276 100

138 23.5 18.5 27.7

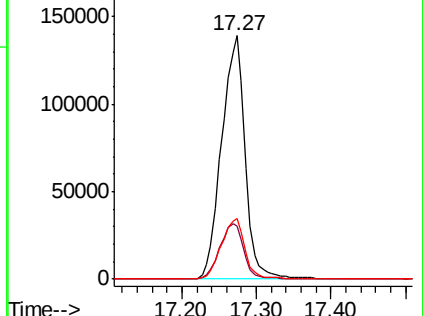
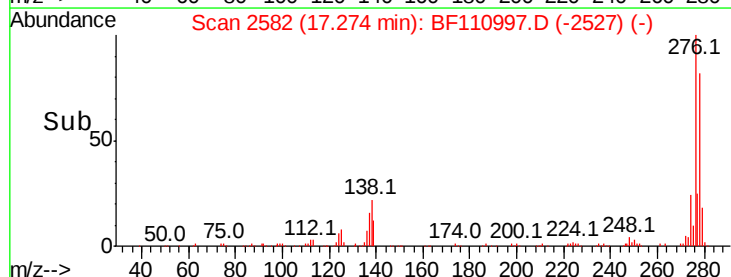
277 24.8 20.0 30.0

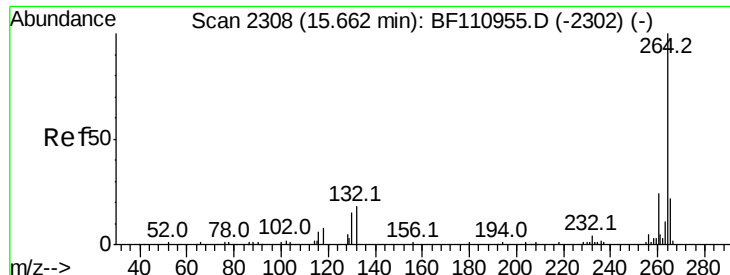


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

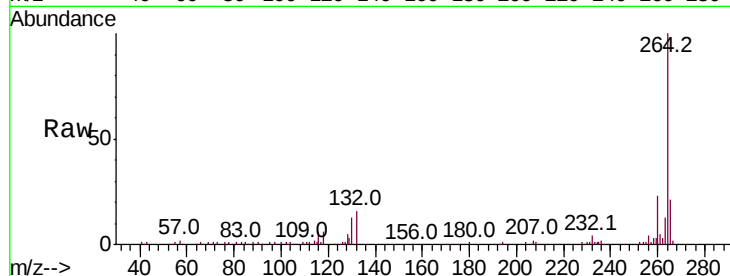




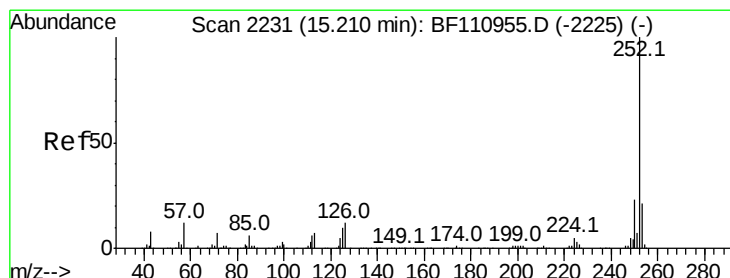
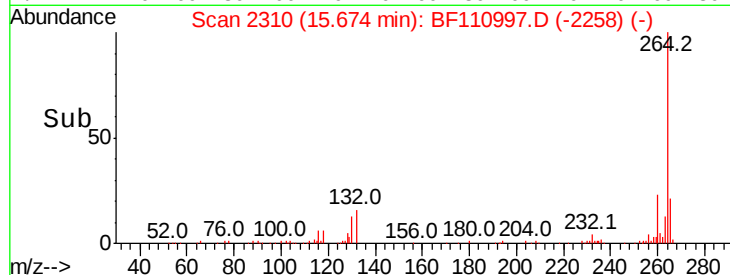
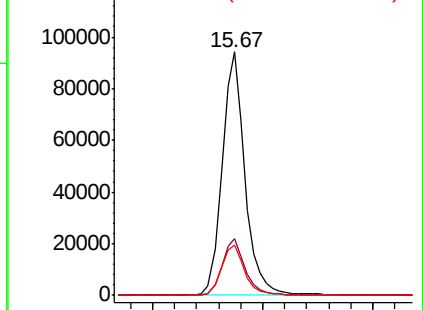
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.9	16.7	25.1

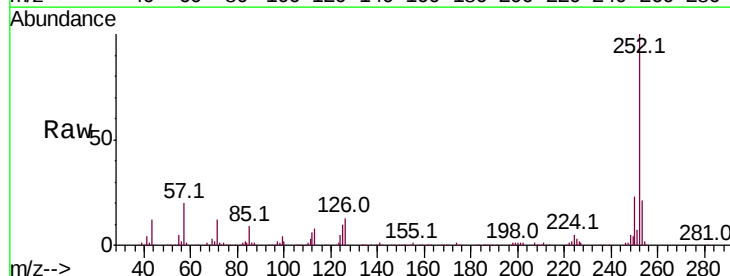


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

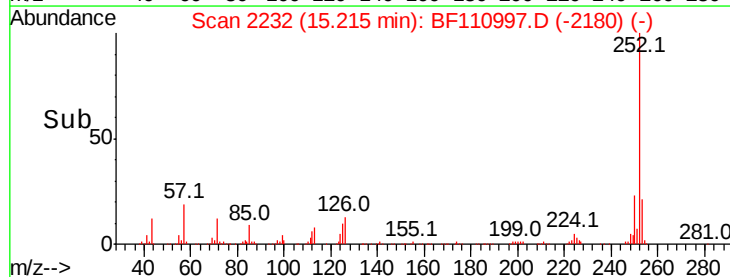
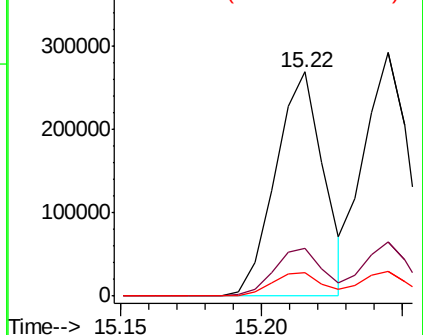


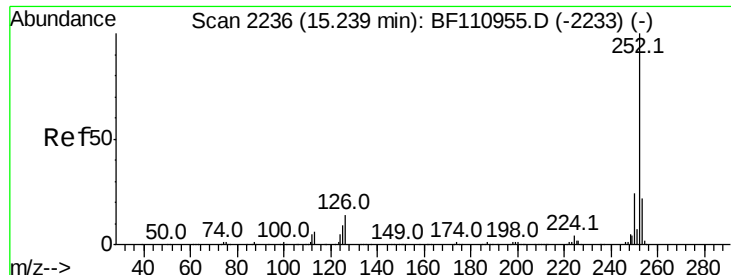
#88
Benzo(b)fluoranthene
Concen: 40.092 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.2	8.2	12.4



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

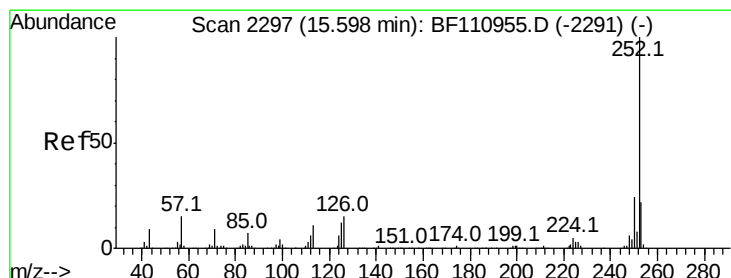
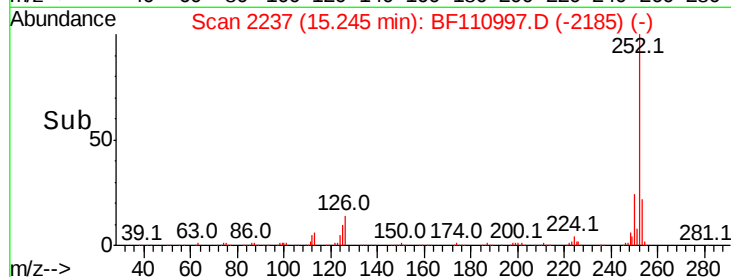
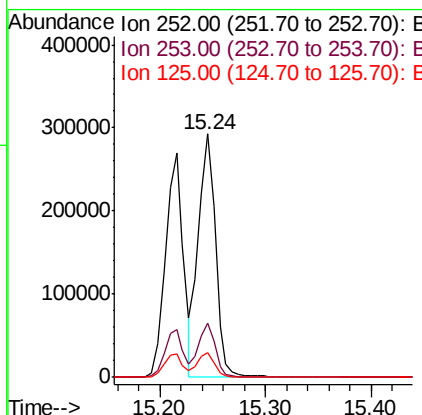
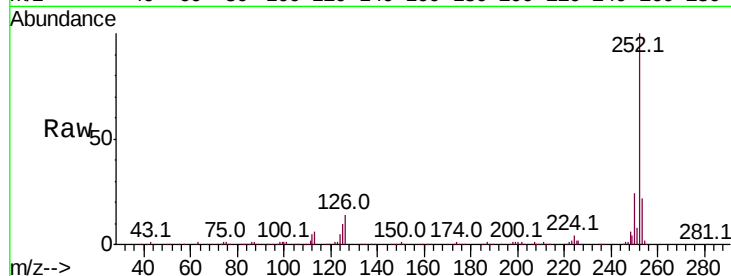




#89
Benzo(k)fluoranthene
Concen: 40.476 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

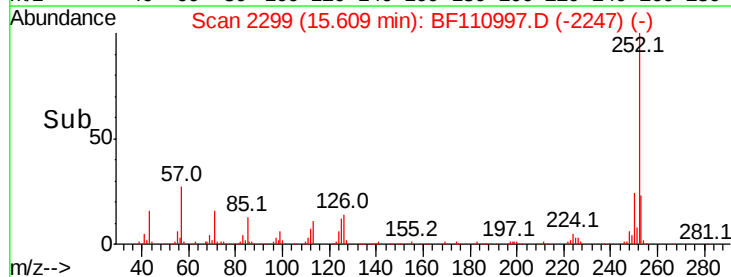
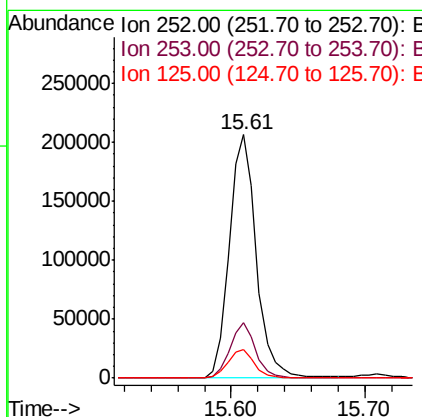
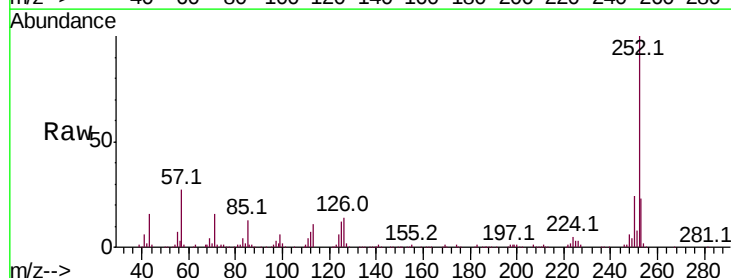
Instrument :
BNA_F
ClientSampleId :

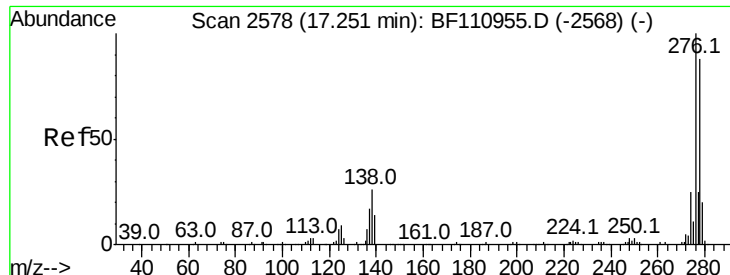
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.3	7.4	11.0



#90
Benzo(a)pyrene
Concen: 39.448 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.8	9.0	13.6

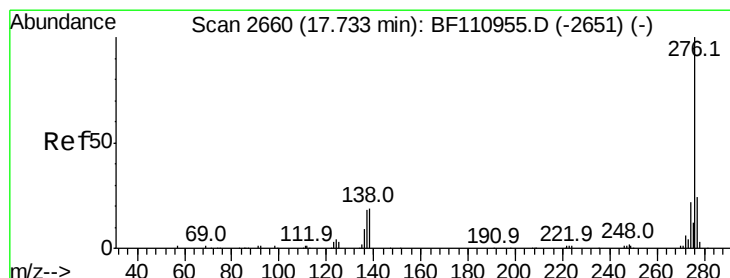
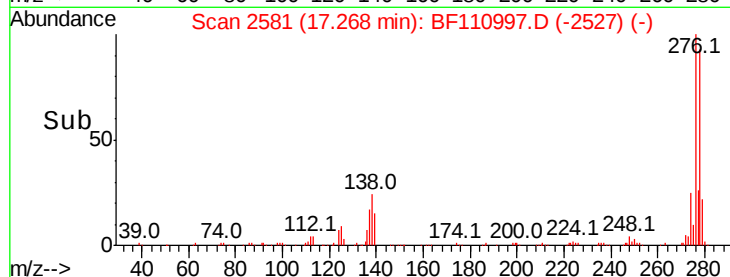
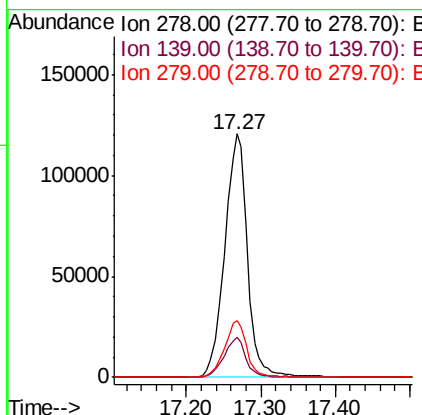
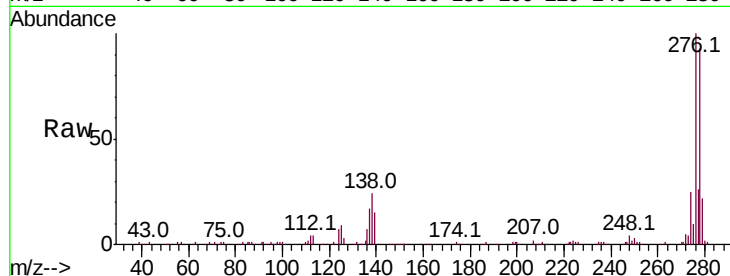




#91
Dibenzo(a,h)anthracene
Concen: 41.794 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	23.3	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 42.215 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BF110997.D
Acq: 27 Nov 2018 9:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.8	16.0	24.0

