

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110993.D
 Acq On : 27 Nov 2018 5:42
 Operator : JU/SJ
 Sample : PB115071BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

Quant Time: Nov 27 06:48:48 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	6.93	152	55959	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	213013	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	86039	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	144779	20.00	ng	0.00
76) Chrysene-d12	14.13	240	86933	20.00	ng	0.00
87) Perylene-d12	15.67	264	65117	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	269938	79.99	ng	0.02
7) Phenol-d6	6.57	99	328804	74.77	ng	0.00
23) Nitrobenzene-d5	7.50	82	292670	78.63	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60192	70.44	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	530145	89.27	ng	0.00
79) Terphenyl-d14	13.06	244	415892	93.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	46080	28.503	ng	87
3) Pyridine	3.62	79	125011	35.313	ng	# 82
4) n-Nitrosodimethylamine	3.59	42	65284	40.302	ng	85
6) Aniline	6.60	93	82972	15.263	ng	# 63
8) 2-Chlorophenol	6.72	128	144851	36.221	ng	96
9) Benzaldehyde	6.50	77	52309	19.019	ng	96
10) Phenol	6.58	94	171605	34.651	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	138300	37.068	ng	93
12) 1,3-Dichlorobenzene	6.87	146	153276	34.888	ng	99
13) 1,4-Dichlorobenzene	6.95	146	155222	34.357	ng	96
14) 1,2-Dichlorobenzene	7.10	146	145913	34.315	ng	99
15) Benzyl Alcohol	7.08	79	112490	33.286	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	207258	34.905	ng	80
17) 2-Methylphenol	7.19	107	115438	36.305	ng	# 89
18) Hexachloroethane	7.44	117	44405	26.720	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	100037	34.923	ng	95
20) 3+4-Methylphenols	7.35	107	149304	35.323	ng	# 49
22) Acetophenone	7.35	105	199738	40.004	ng	# 93
24) Nitrobenzene	7.53	77	142166	36.730	ng	93
25) Isophorone	7.76	82	260028	42.590	ng	97
26) 2-Nitrophenol	7.84	139	55097	29.300	ng	98
27) 2,4-Dimethylphenol	7.87	122	125210	44.091	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	163361	39.939	ng	100
29) 2,4-Dichlorophenol	8.09	162	108860	36.633	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	122655	36.830	ng	95
31) Naphthalene	8.24	128	392742	39.333	ng	99
32) Benzoic acid	7.99	122	41841	19.817	ng	96
33) 4-Chloroaniline	8.30	127	60444	14.222	ng	98
34) Hexachlorobutadiene	8.35	225	71514	37.702	ng	97
35) Caprolactam	8.67	113	33022	32.549	ng	# 83
36) 4-Chloro-3-methylphenol	8.78	107	114401	34.648	ng	96
37) 2-Methylnaphthalene	8.93	142	254845	38.641	ng	100
38) 1-Methylnaphthalene	9.03	142	236441	36.857	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	106790	39.456	ng	99

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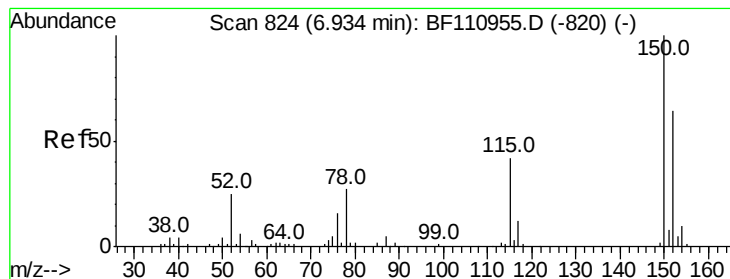
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Hexachlorocyclopentadiene	9.07	237	123	10.483	ng	# 27
43) 2,4,6-Trichlorophenol	9.22	196	65688	40.636	ng	99
44) 2,4,5-Trichlorophenol	9.27	196	67995	39.948	ng	96
46) 1,1'-Biphenyl	9.40	154	301180	37.969	ng	98
47) 2-Chloronaphthalene	9.43	162	222398	38.669	ng	99
48) 2-Nitroaniline	9.53	65	76104	42.305	ng	95
49) Acenaphthylene	9.85	152	328580	40.177	ng	98
50) Dimethylphthalate	9.69	163	268292	42.518	ng	99
51) 2,6-Dinitrotoluene	9.77	165	45361	32.291	ng	96
52) Acenaphthene	10.02	154	201937	38.517	ng	98
53) 3-Nitroaniline	9.95	138	62549	38.203	ng	95
54) 2,4-Dinitrophenol	10.10	184	1968	7.498	ng	91
55) Dibenzofuran	10.19	168	283921	37.120	ng	100
56) 4-Nitrophenol	10.12	139	52931	59.312	ng	97
57) 2,4-Dinitrotoluene	10.19	165	51958	28.508	ng	# 80
58) Fluorene	10.53	166	223836	37.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	51553	36.906	ng	# 92
60) Diethylphthalate	10.39	149	260105	39.972	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	108656	34.908	ng	96
62) 4-Nitroaniline	10.57	138	60959	39.988	ng	93
63) Azobenzene	10.68	77	215529	33.982	ng	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	1813	2.647	ng	90
66) n-Nitrosodiphenylamine	10.64	169	195825	40.631	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	60483	38.359	ng	96
68) Hexachlorobenzene	11.09	284	62250	37.065	ng	96
69) Atrazine	11.16	200	63264	Below Cal		97
70) Pentachlorophenol	11.29	266	41847	62.628	ng	96
71) Phenanthrene	11.50	178	311304	40.598	ng	99
72) Anthracene	11.56	178	326554	41.818	ng	99
73) Carbazole	11.72	167	284207	37.497	ng	99
74) Di-n-butylphthalate	12.02	149	367116	41.426	ng	99
75) Fluoranthene	12.70	202	306855	38.936	ng	99
77) Benzidine	12.82	184	245101	110.228	ng	97
78) Pyrene	12.93	202	301379	47.466	ng	98
80) Butylbenzylphthalate	13.52	149	141912	49.505	ng	99
81) Benzo(a)anthracene	14.12	228	213426	41.584	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	76401	43.414	ng	97
83) Chrysene	14.16	228	199769	39.539	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	185031	48.441	ng	97
85) Di-n-octyl phthalate	14.69	149	274622	45.546	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	147978	40.803	ng	97
88) Benzo(b)fluoranthene	15.21	252	161496	42.217	ng	99
89) Benzo(k)fluoranthene	15.24	252	152013	38.607	ng	99
90) Benzo(a)pyrene	15.61	252	149596	42.012	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	129692	44.144	ng	99
92) Benzo(g,h,i)perylene	17.75	276	117659	41.536	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

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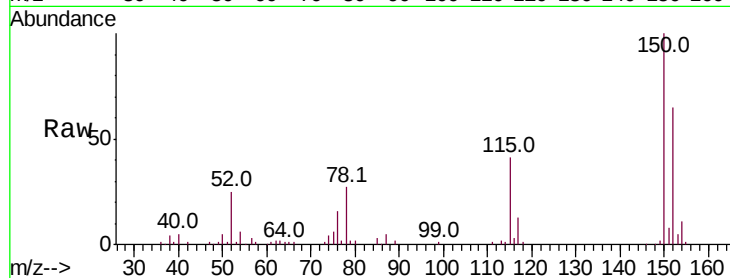
Tot Ion:152 Resp: 55959

Ion Ratio Lower Upper

152 100

150 153.9 122.7 184.1

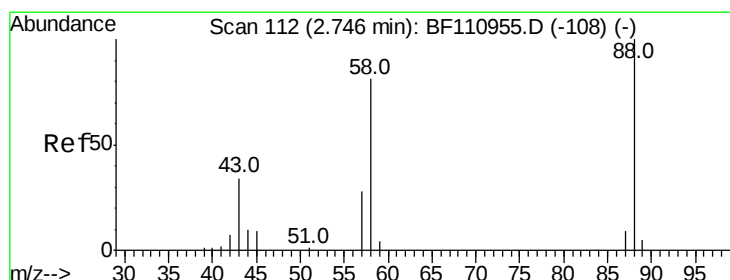
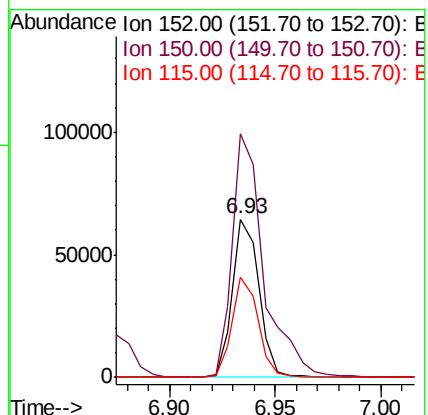
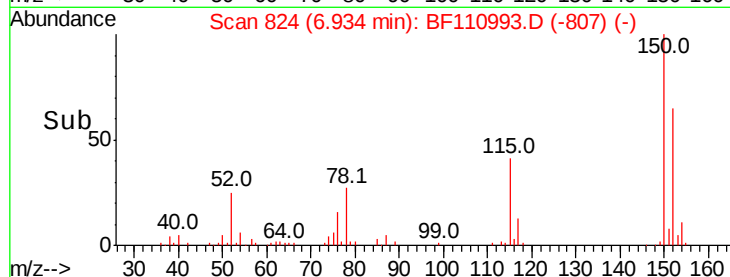
115 63.0 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.503 ng

RT: 2.84 min Scan# 128

Delta R.T. 0.09 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

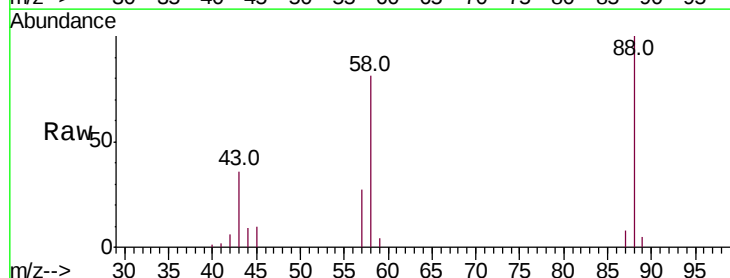
Tgt Ion: 88 Resp: 46080

Ion Ratio Lower Upper

88 100

58 84.5 57.1 85.7

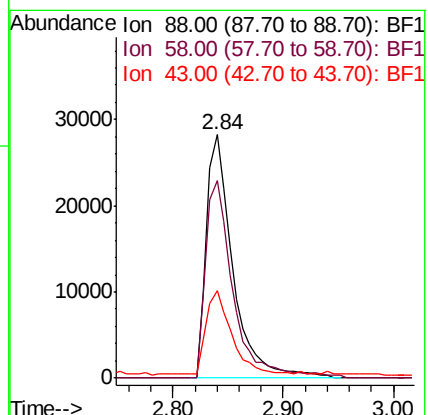
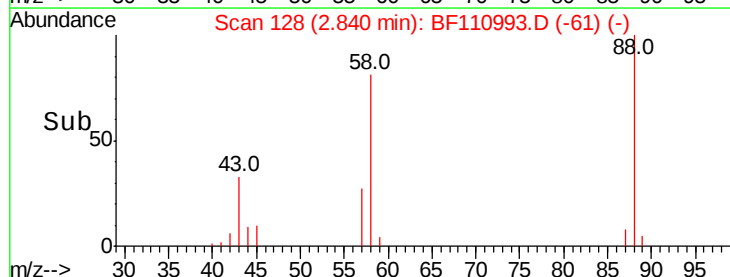
43 33.0 24.1 36.1

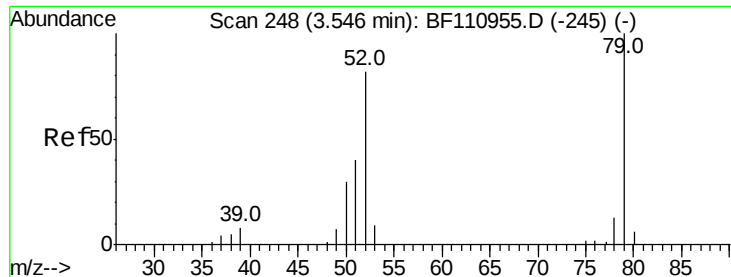


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.313 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.08 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

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ClientSampleId :

PB115071BS

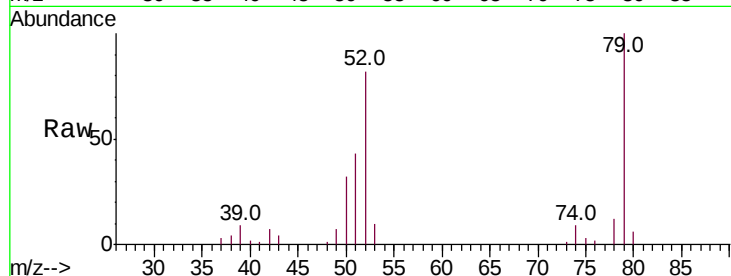
Tot Ion: 79 Resp: 125011

Ion Ratio Lower Upper

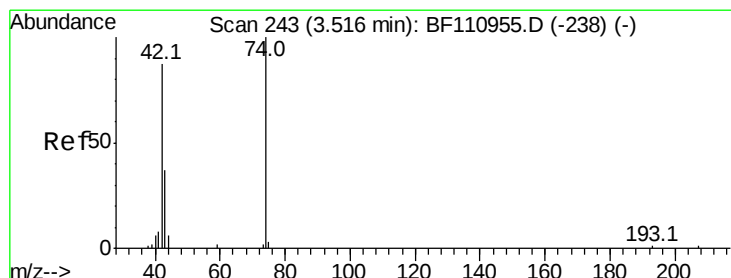
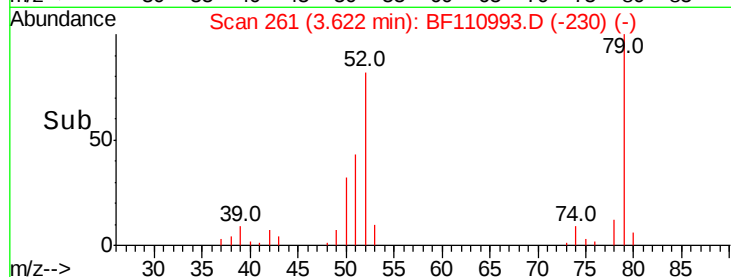
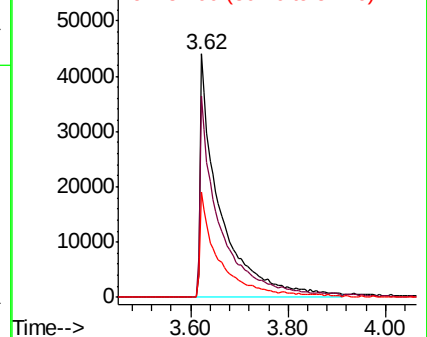
79 100

52 82.5 53.1 79.7#

51 43.1 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.302 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.08 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

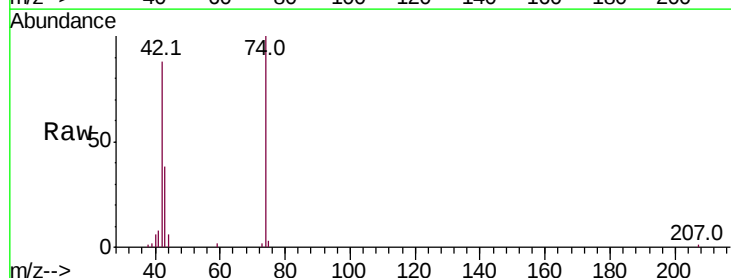
Tgt Ion: 42 Resp: 65284

Ion Ratio Lower Upper

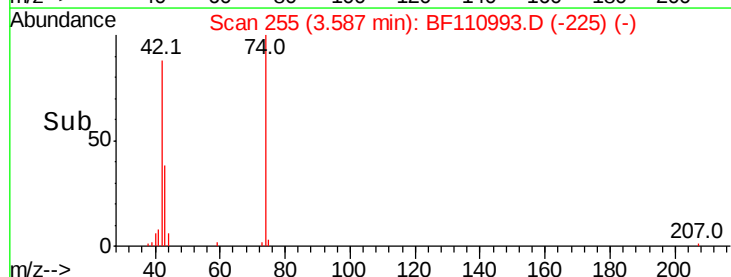
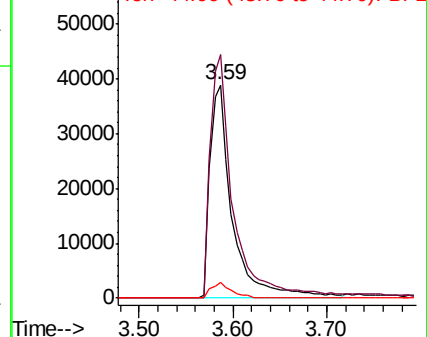
42 100

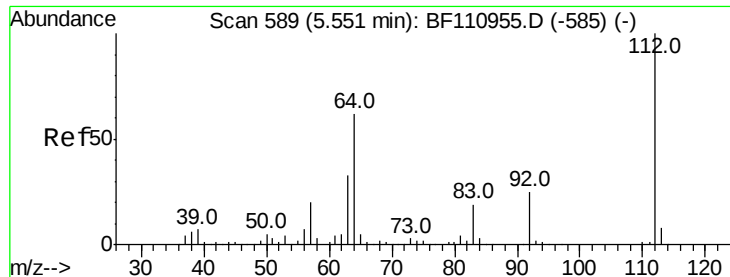
74 114.1 105.5 158.3

44 7.2 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.995 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

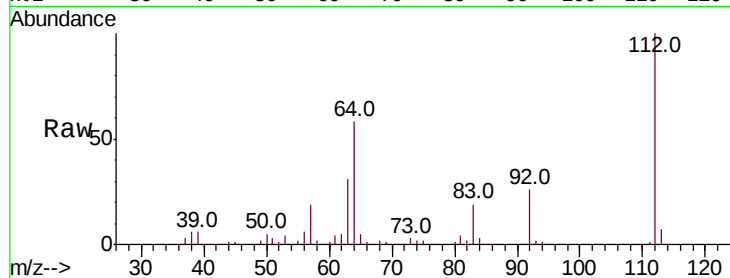
Tot Ion:112 Resp: 269938

Ion Ratio Lower Upper

112 100

64 57.8 44.1 66.1

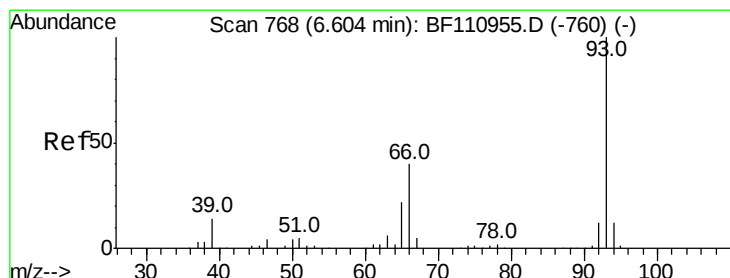
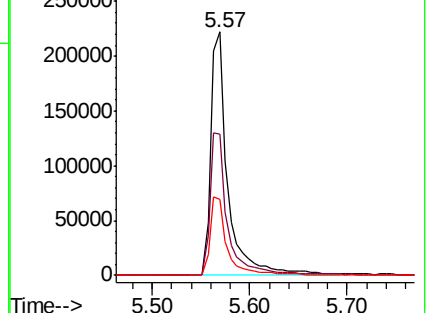
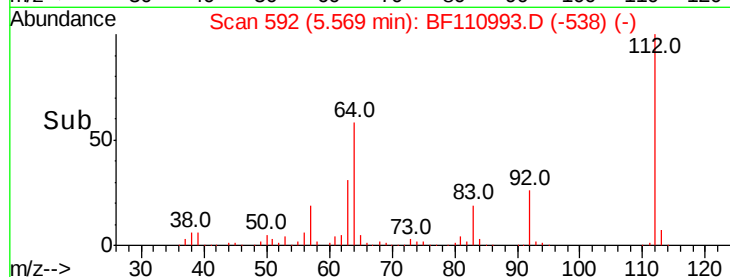
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.263 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

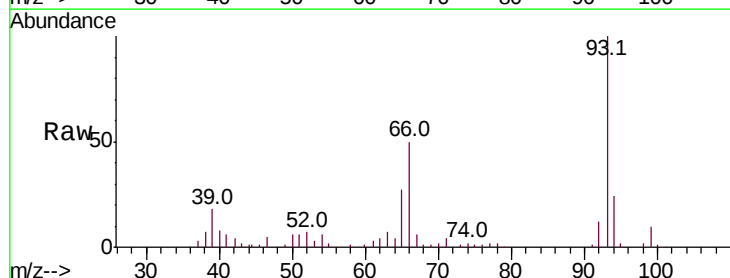
Tgt Ion: 93 Resp: 82972

Ion Ratio Lower Upper

93 100

66 49.6 67.4 101.0#

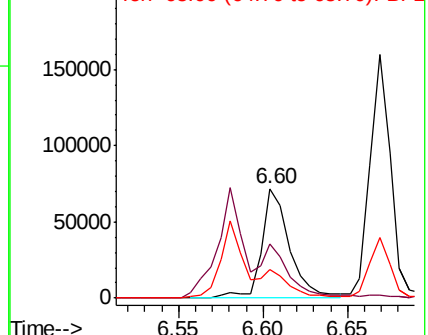
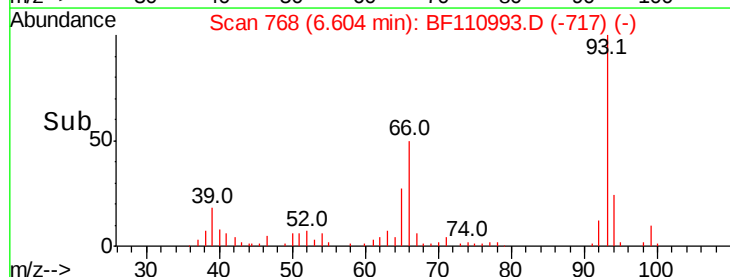
65 26.6 41.0 61.4#

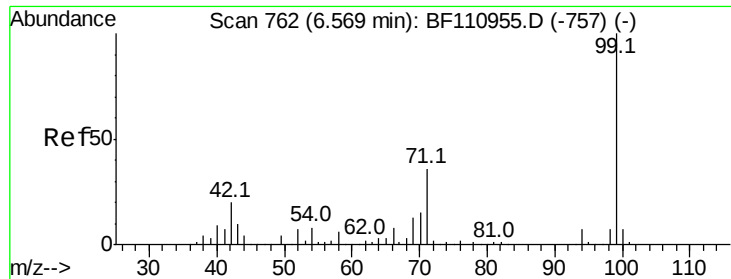


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.771 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110993.D

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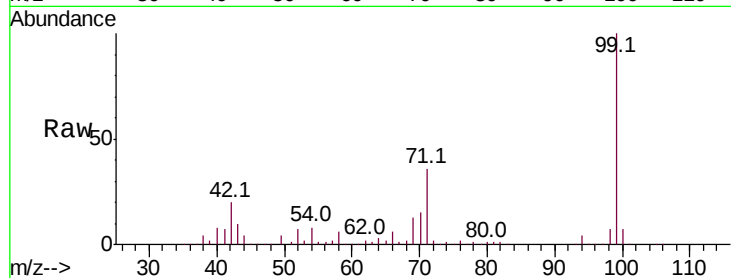
Tot Ion: 99 Resp: 328804

Ion Ratio Lower Upper

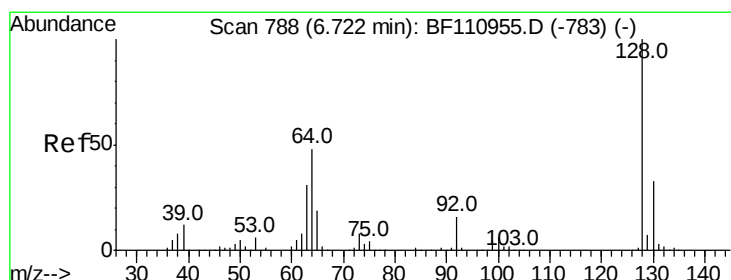
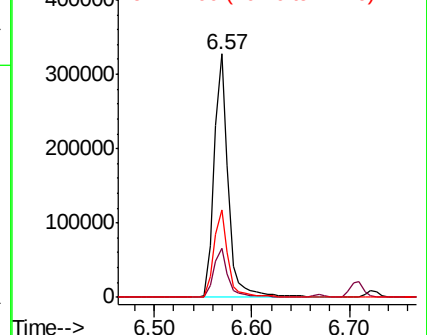
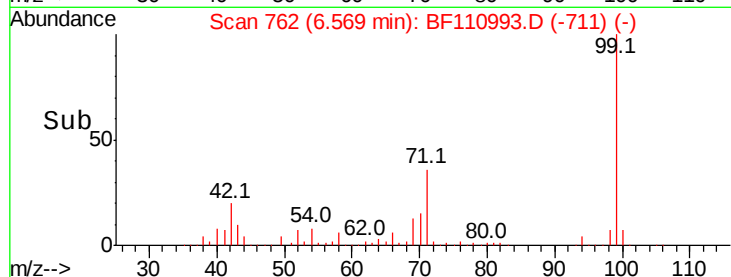
99 100

42 20.1 15.8 23.6

71 35.9 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: 36.221 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

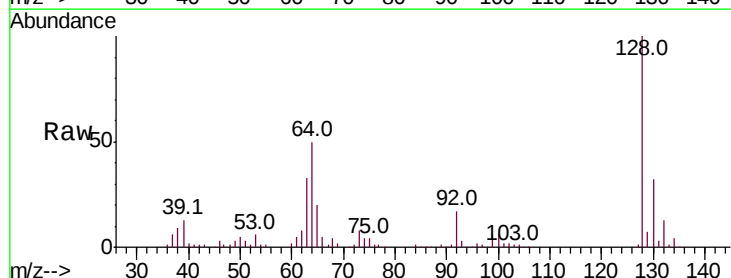
Tgt Ion:128 Resp: 144851

Ion Ratio Lower Upper

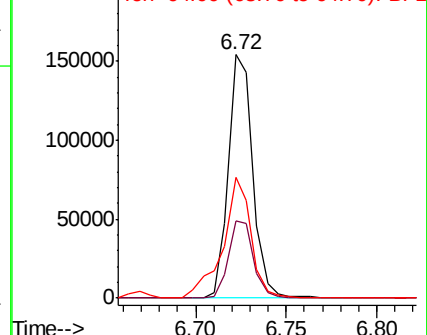
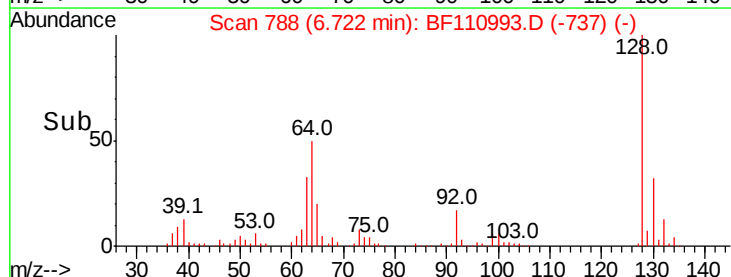
128 100

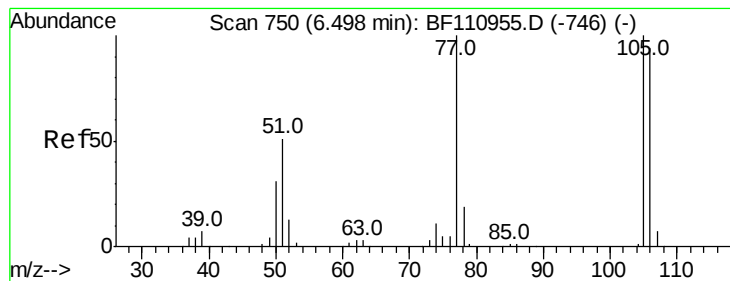
130 31.7 13.1 53.1

64 49.8 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: 19.019 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

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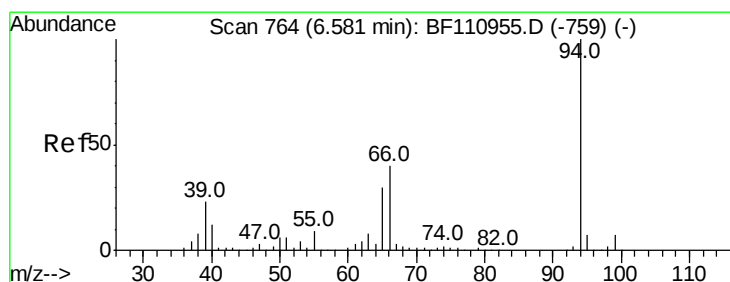
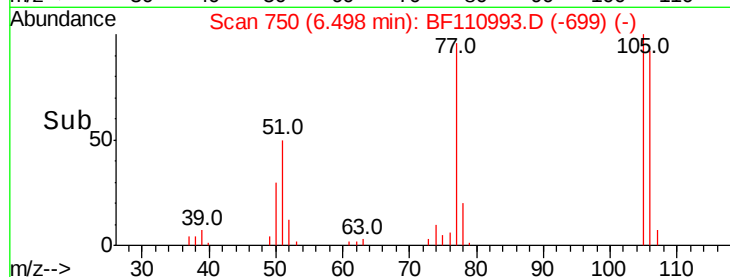
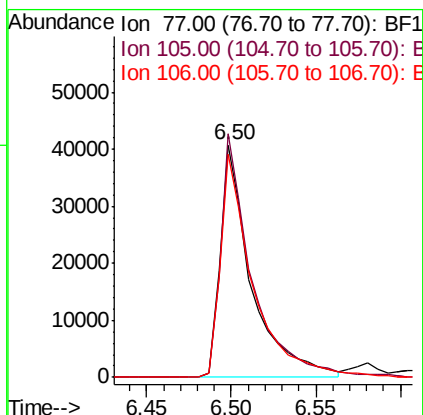
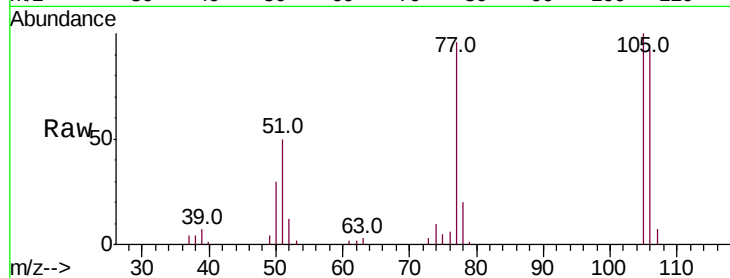
Tot Ion: 77 Resp: 52309

Ion Ratio Lower Upper

77 100

105 104.6 78.6 118.6

106 96.1 74.8 114.8



#10

Phenol

Concen: 34.651 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

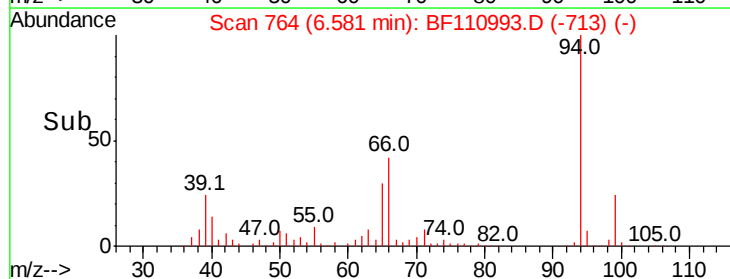
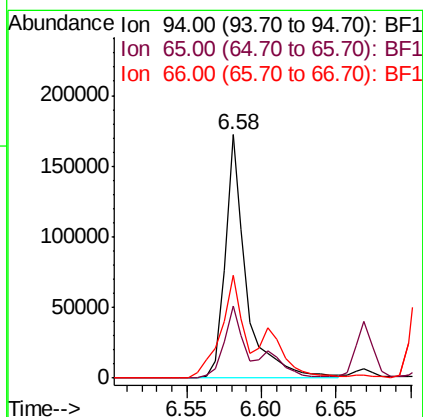
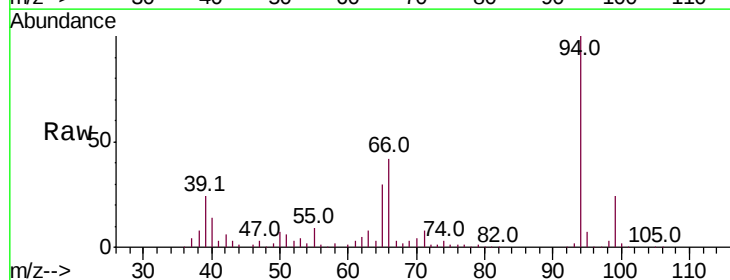
Tgt Ion: 94 Resp: 171605

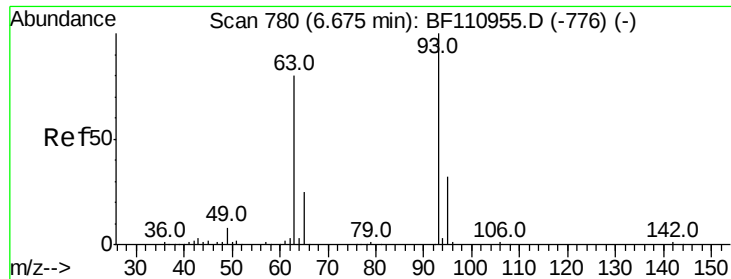
Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

66 42.1 54.5 94.5#

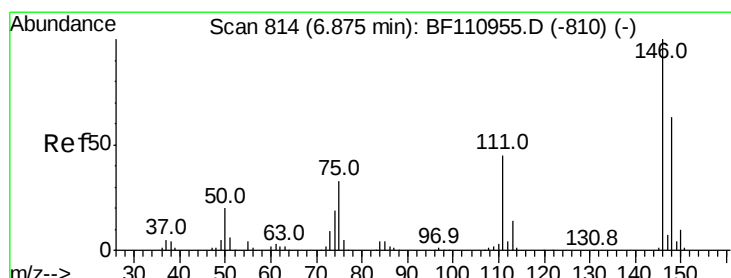
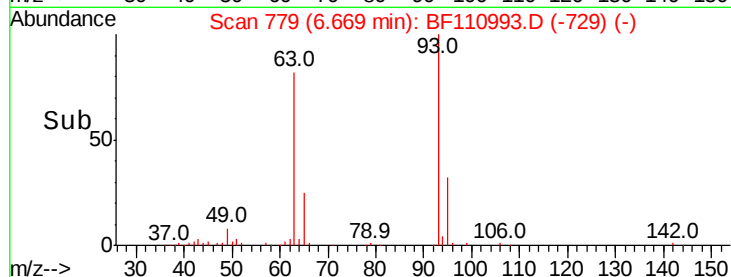
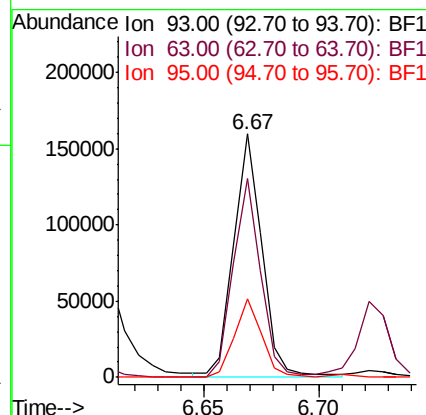
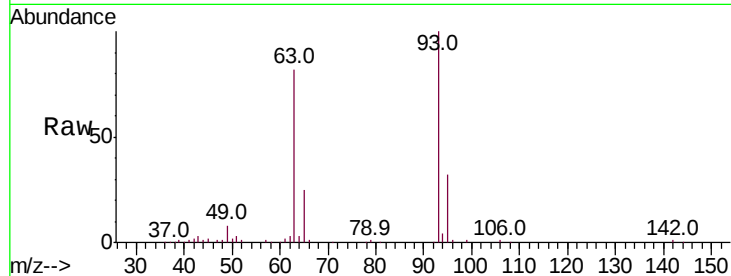




#11
bis(2-Chloroethyl)ether
Concen: 37.068 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

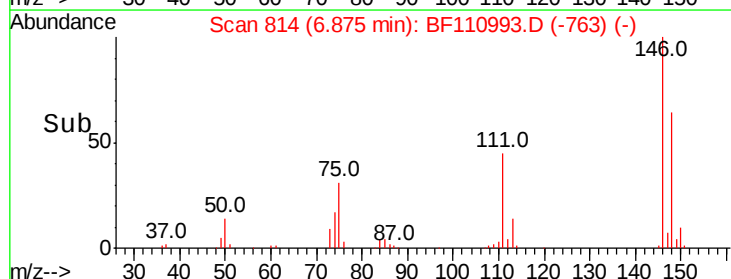
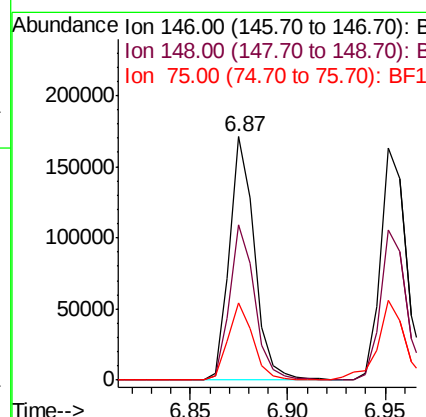
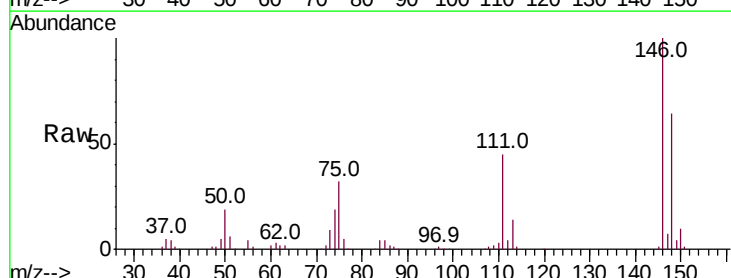
Instrument :
BNA_F
ClientSampleId :
PB115071BS

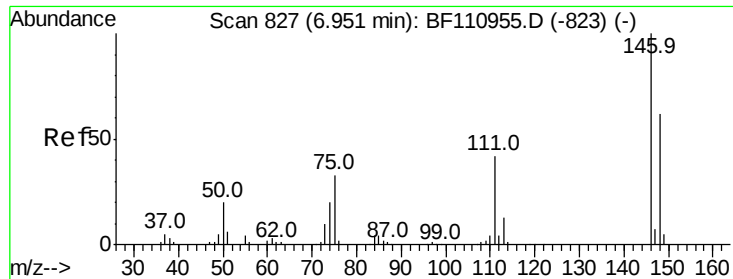
Tot Ion: 93 Resp: 138300
Ion Ratio Lower Upper
93 100
63 81.7 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 34.888 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion: 146 Resp: 153276
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
75 31.5 25.8 38.6

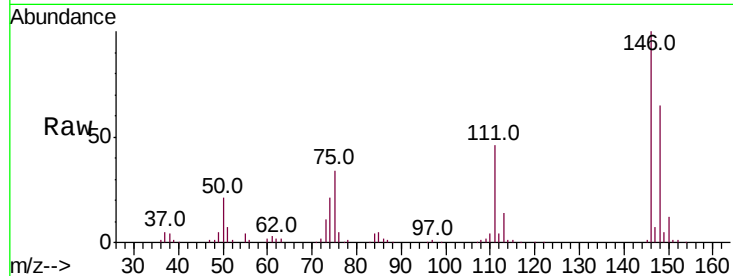




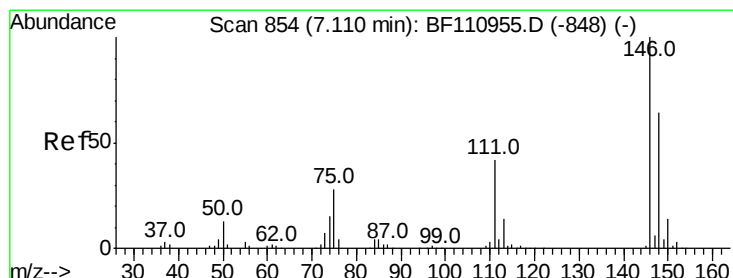
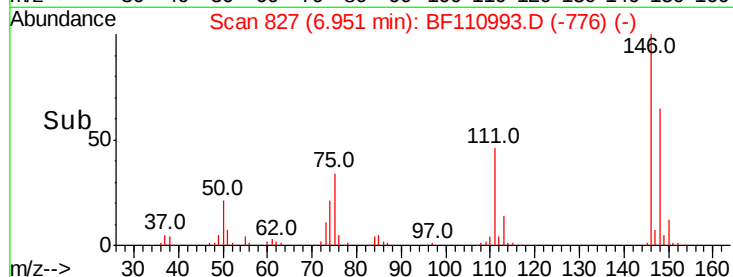
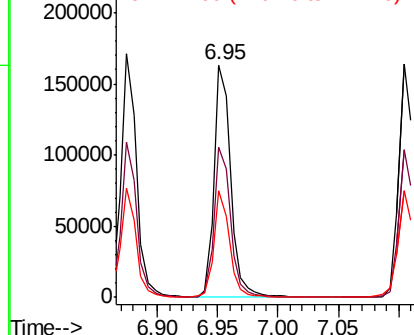
#13
 1,4-Dichlorobenzene
 Concen: 34.357 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

Tot Ion:146 Resp: 155222
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 45.8 32.7 49.1

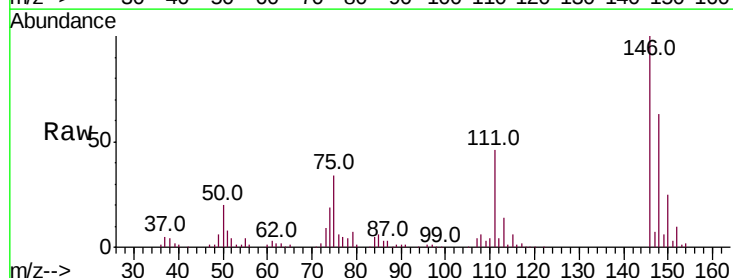


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

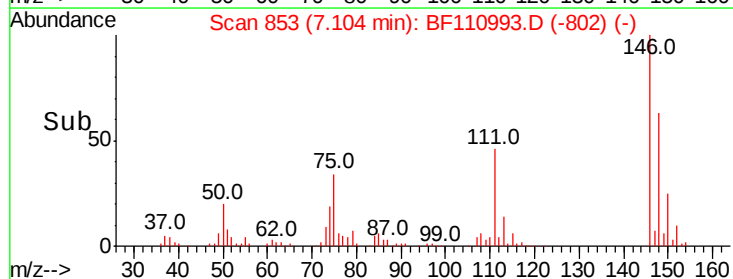
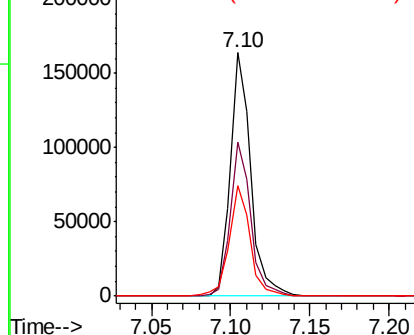


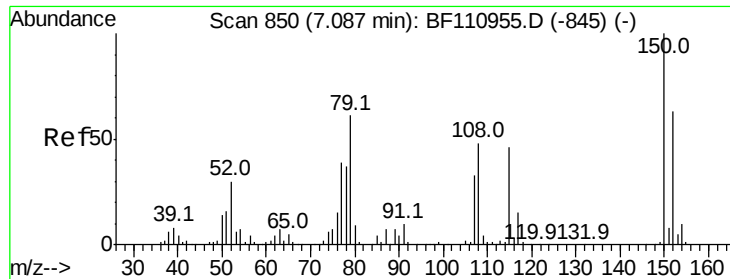
#14
 1,2-Dichlorobenzene
 Concen: 34.315 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion:146 Resp: 145913
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 45.5 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: 33.286 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

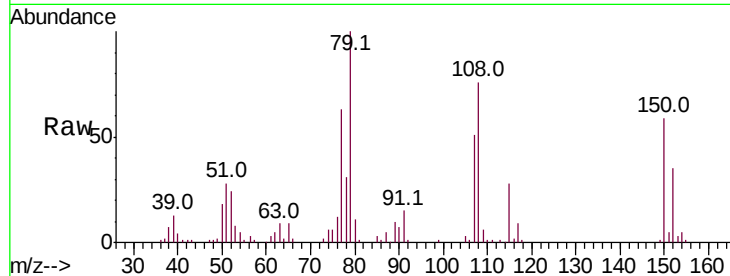
Tot Ion: 79 Resp: 112490

Ion Ratio Lower Upper

79 100

108 75.9 56.3 84.5

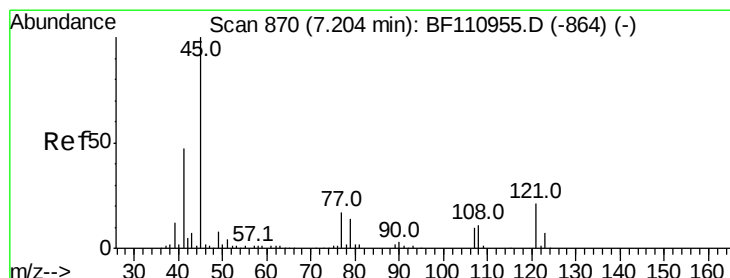
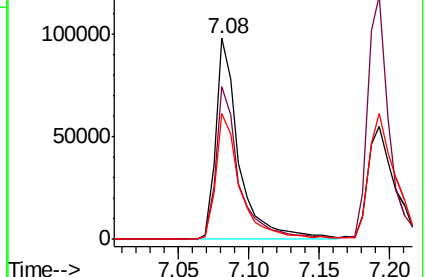
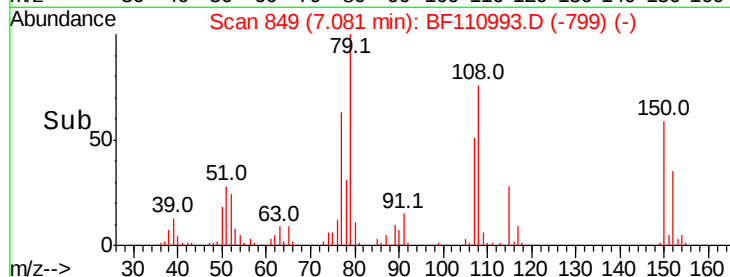
77 62.9 52.9 79.3



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: 34.905 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

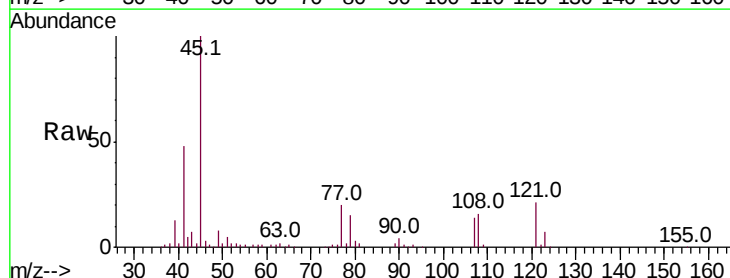
Tgt Ion: 45 Resp: 207258

Ion Ratio Lower Upper

45 100

77 19.6 10.0 50.0

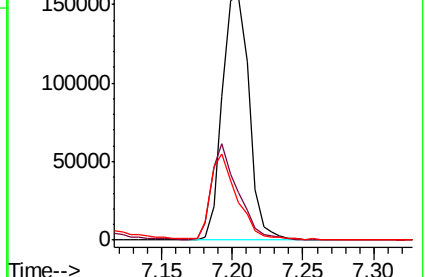
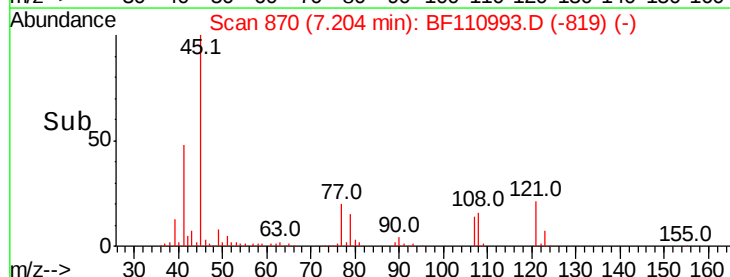
79 15.4 6.1 46.1

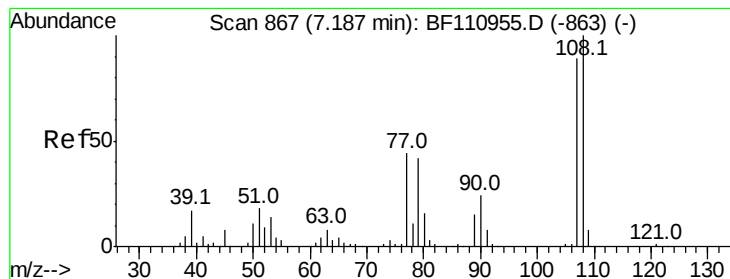


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.305 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

Tot Ion:107 Resp: 115438

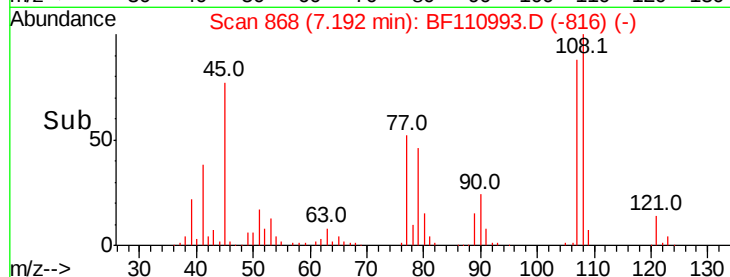
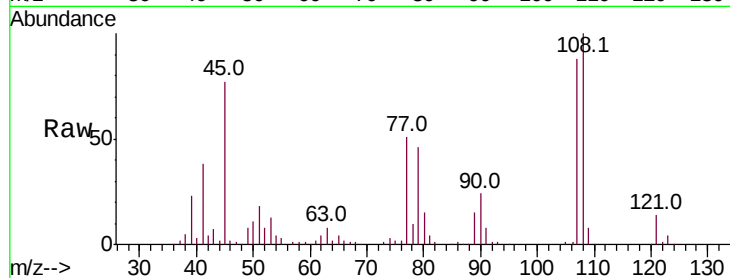
Ion Ratio Lower Upper

107 100

108 114.2 92.6 138.8

77 58.7 59.4 89.2#

79 52.9 54.0 81.0#



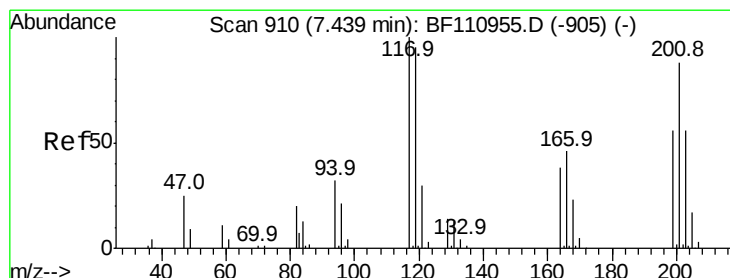
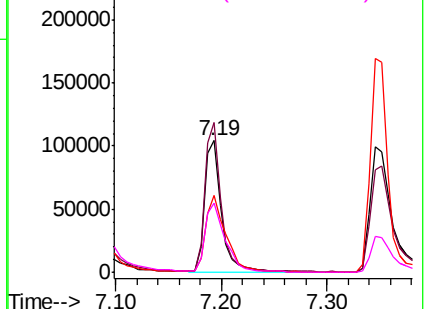
Abundance

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: 26.720 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

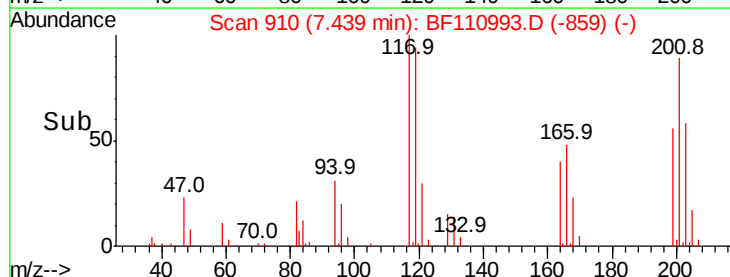
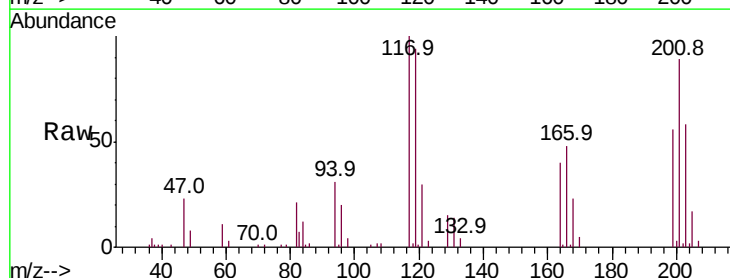
Tgt Ion:117 Resp: 44405

Ion Ratio Lower Upper

117 100

119 93.5 75.0 112.6

201 89.5 79.2 118.8

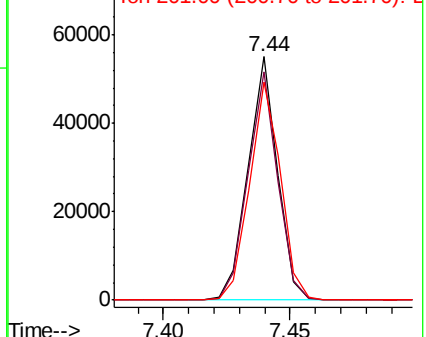


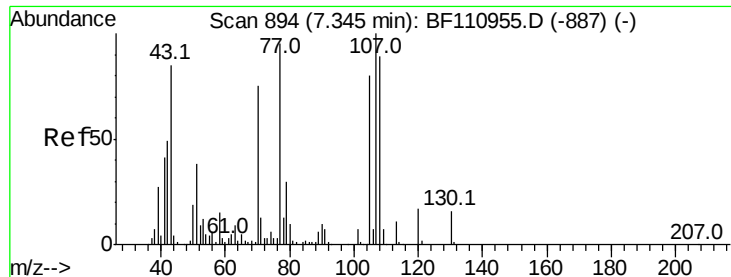
Abundance

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

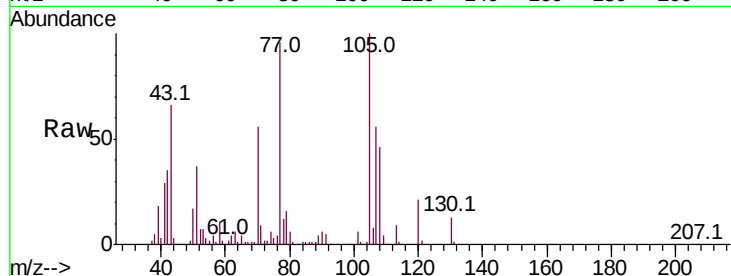




#19
n-Nitroso-di-n-propylamine
Concen: 34.923 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleId :
PB115071BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.4	71.2
101	10.5	7.3	10.9
130	22.8	16.2	24.2



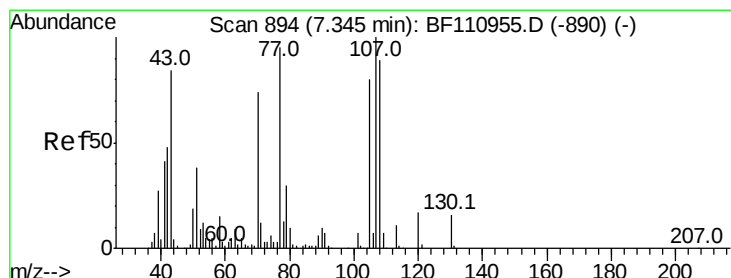
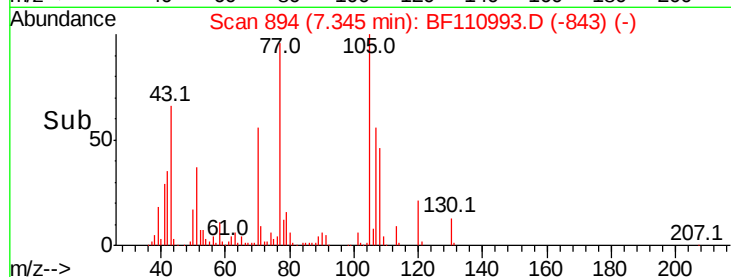
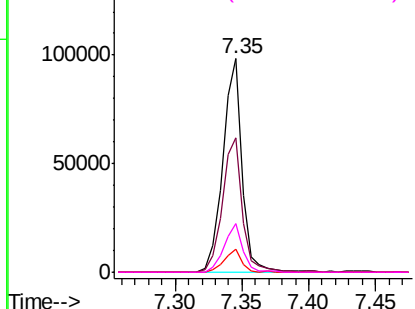
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

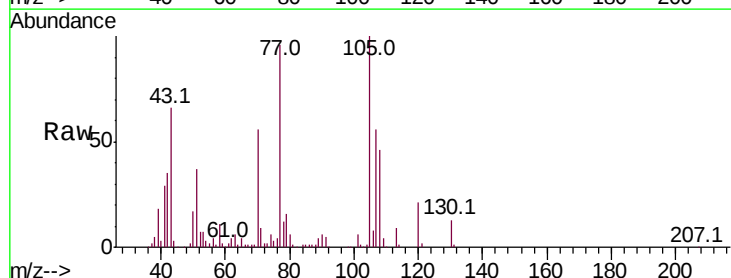
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 35.323 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	71.4	111.4
77	171.1	47.3	87.3#
79	28.7	10.9	50.9



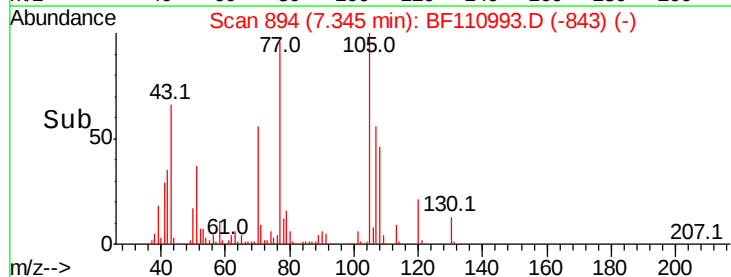
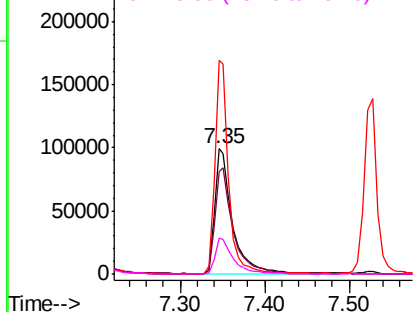
Abundance

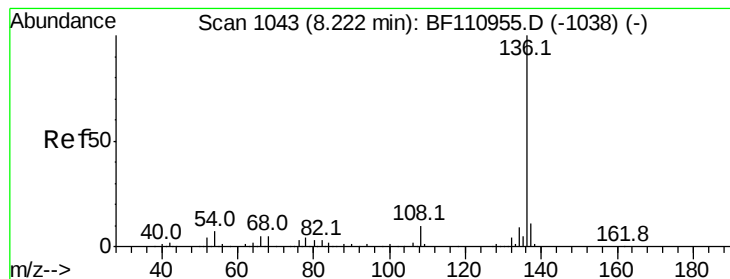
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

Tot Ion:136 Resp: 213013

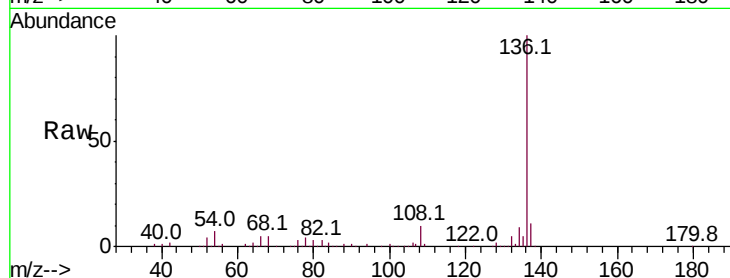
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.3 5.4 8.2

68 4.7 4.2 6.2

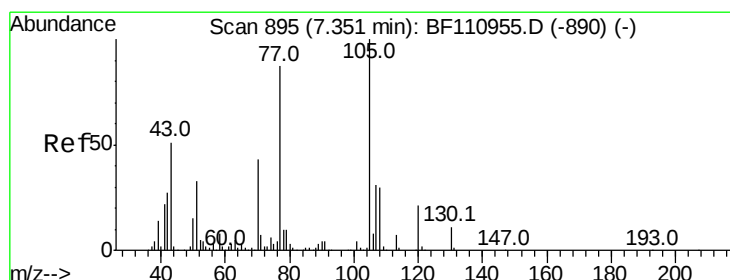
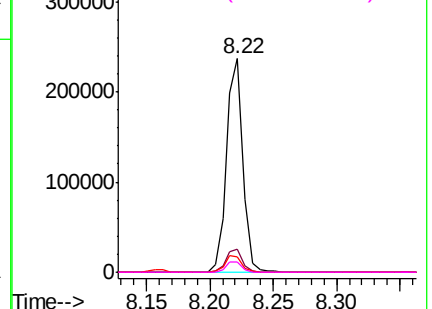
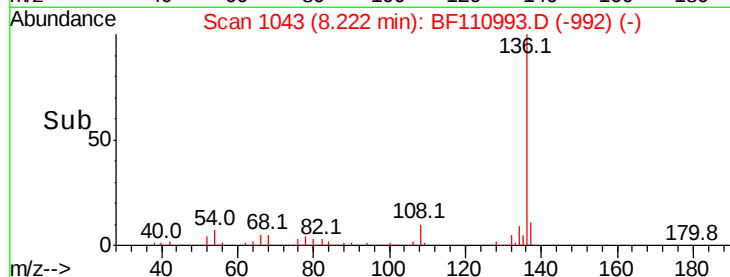


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.004 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Tgt Ion:105 Resp: 199738

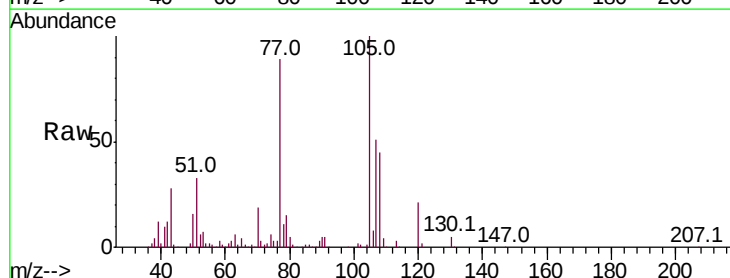
Ion Ratio Lower Upper

105 100

71 3.2 5.2 7.8#

51 32.8 21.8 32.8#

120 21.3 17.0 25.4

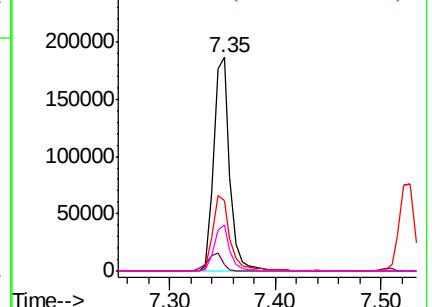
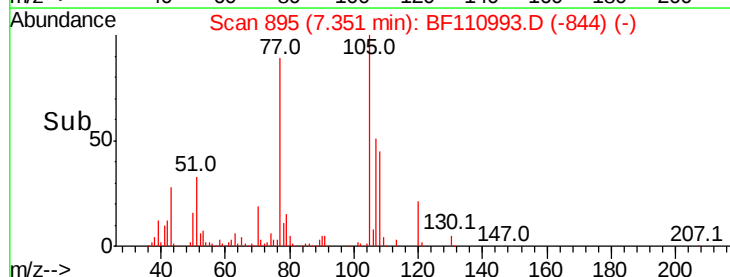


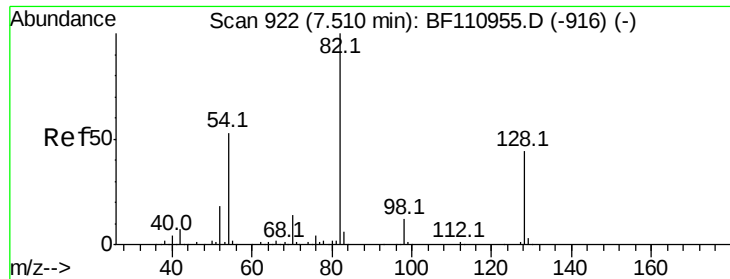
Abundance Ion 105.00 (104.70 to 105.70): E

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

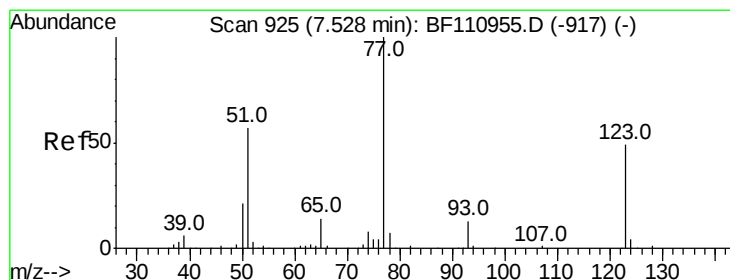
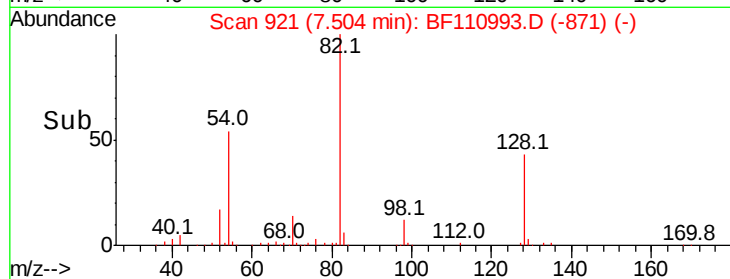
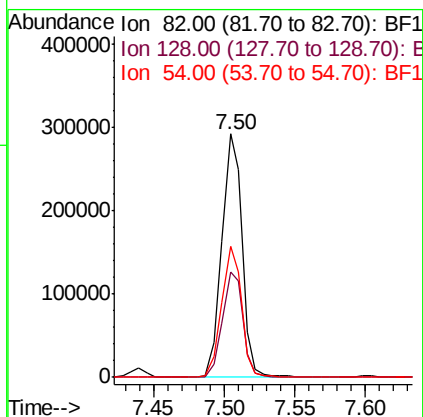
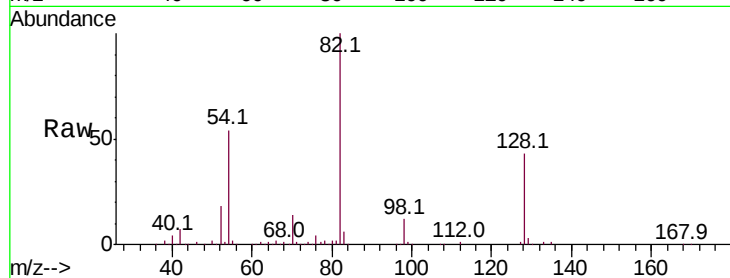




#23
 Nitrobenzene-d5
 Concen: 78.632 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

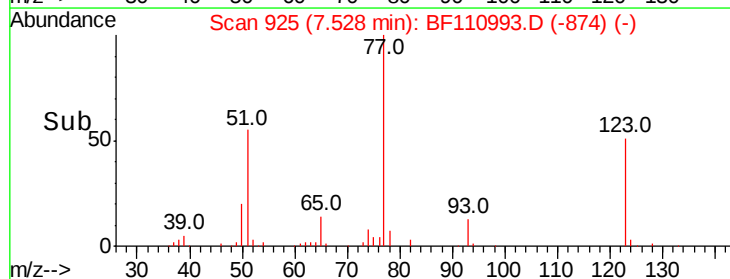
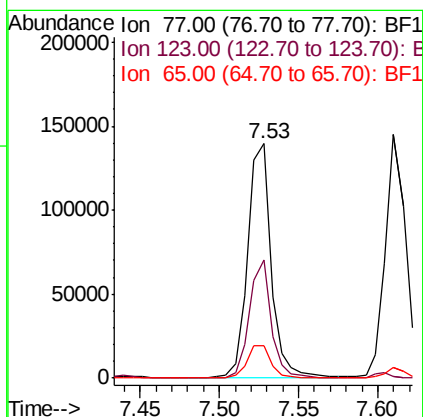
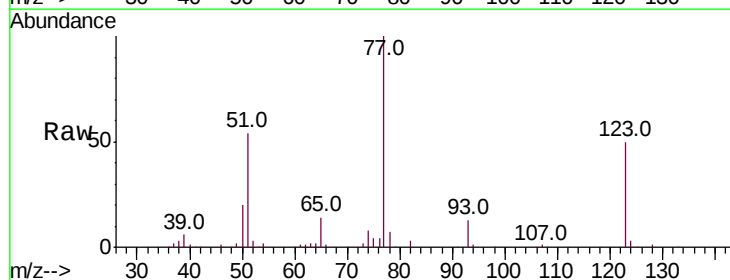
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

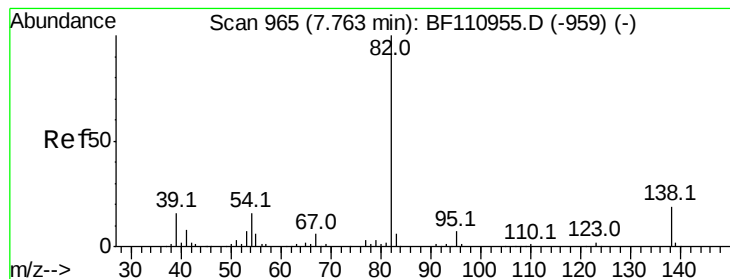
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.2
54	53.9	38.6	58.0



#24
 Nitrobenzene
 Concen: 36.730 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 42.590 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

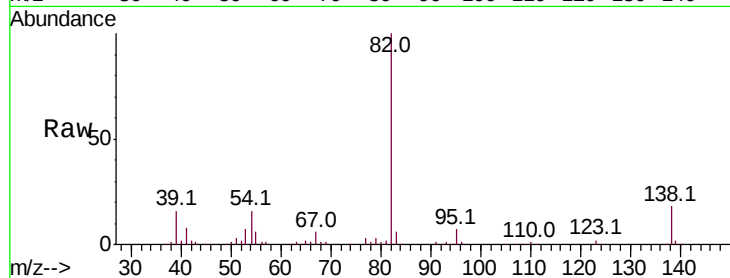
Tot Ion: 82 Resp: 260028

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

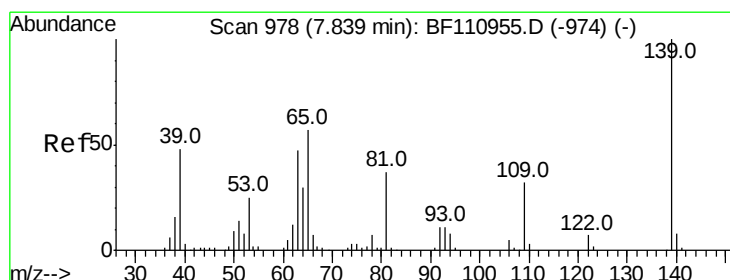
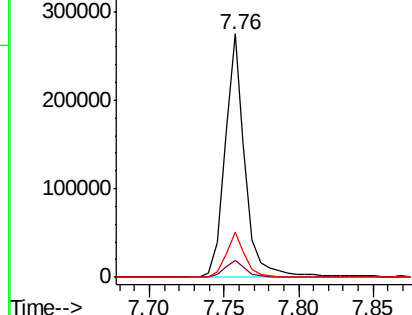
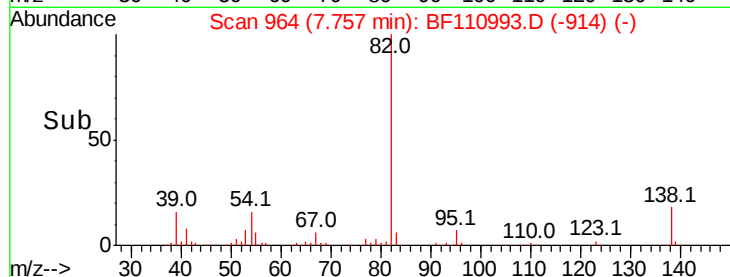
138 18.4 13.2 19.8



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: 29.300 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

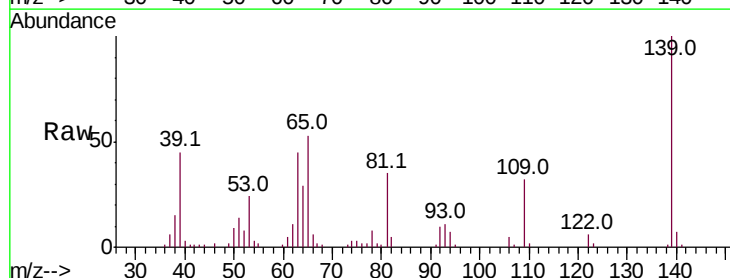
Tgt Ion: 139 Resp: 55097

Ion Ratio Lower Upper

139 100

109 31.9 25.0 37.6

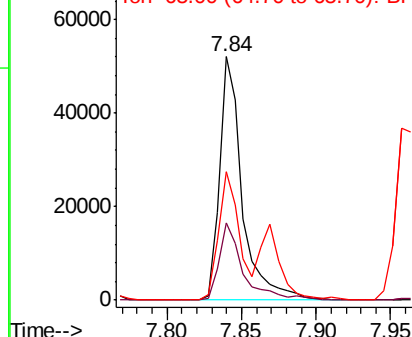
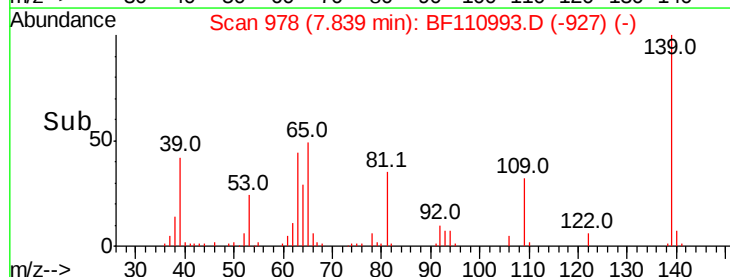
65 52.7 44.0 66.0

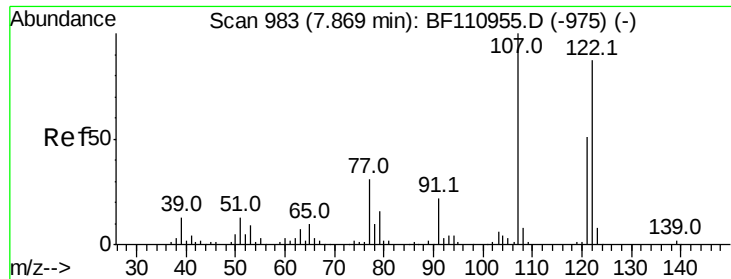


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

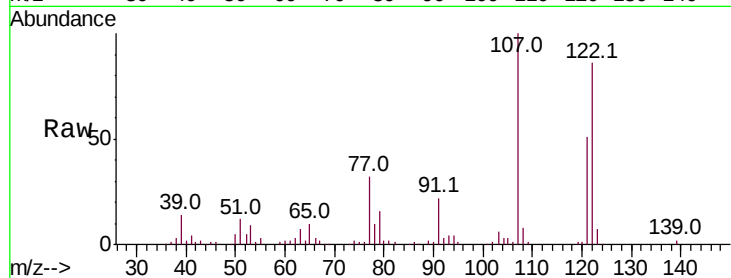




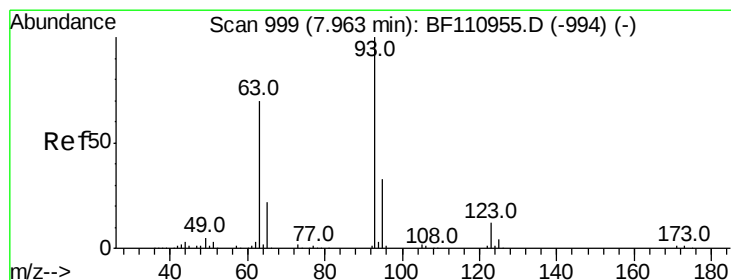
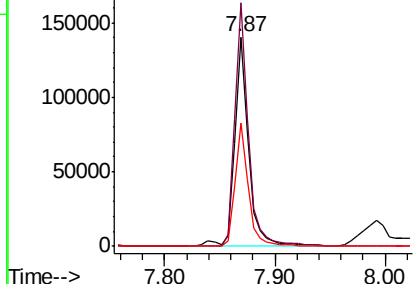
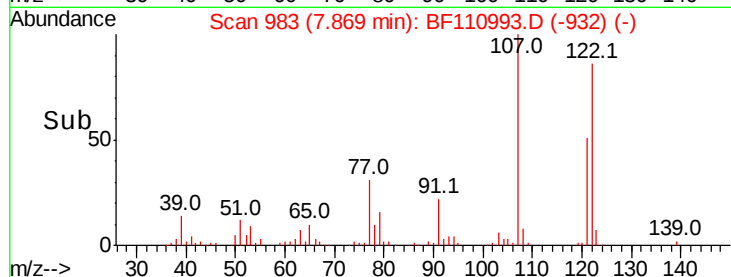
#27
2,4-Dimethylphenol
Concen: 44.091 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleId :
PB115071BS

Tot Ion:122 Resp: 125210
Ion Ratio Lower Upper
122 100
107 116.2 92.5 138.7
121 59.0 45.8 68.8

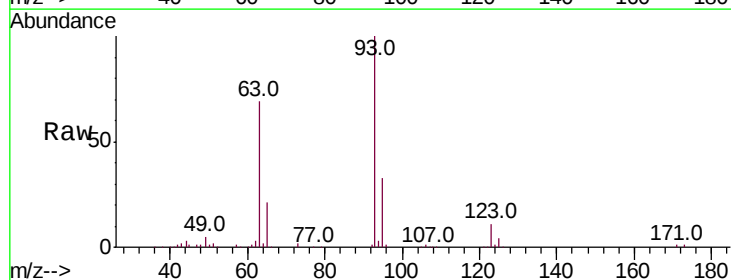


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

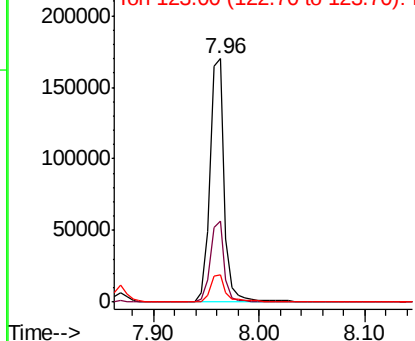
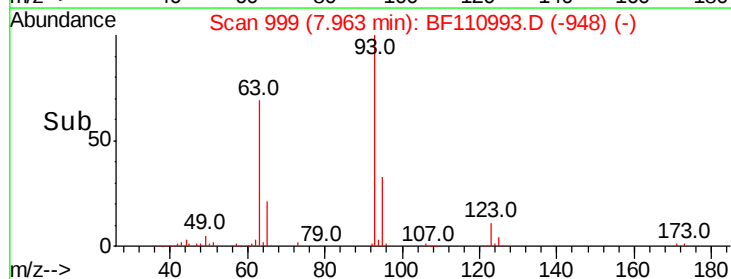


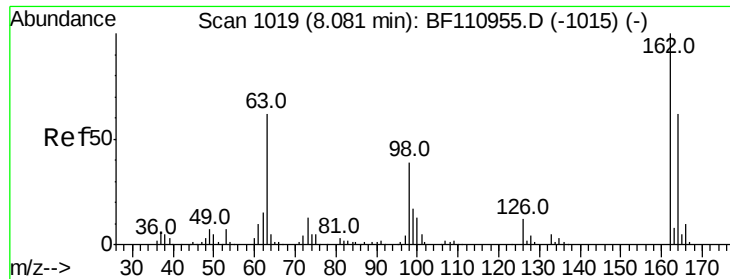
#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion: 93 Resp: 163361
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 11.4 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

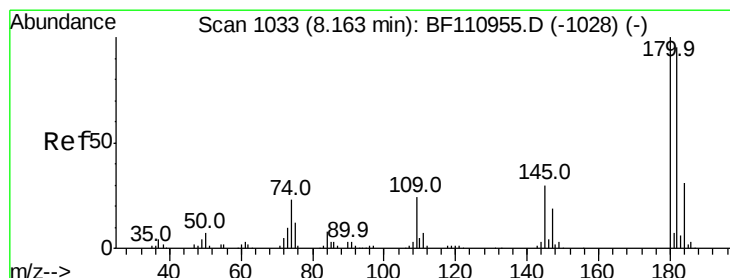
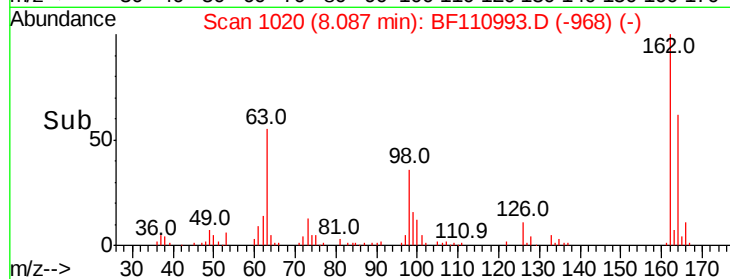
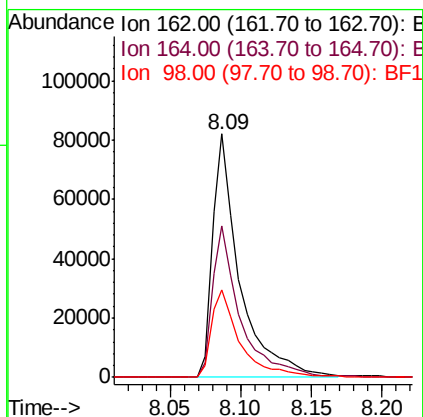
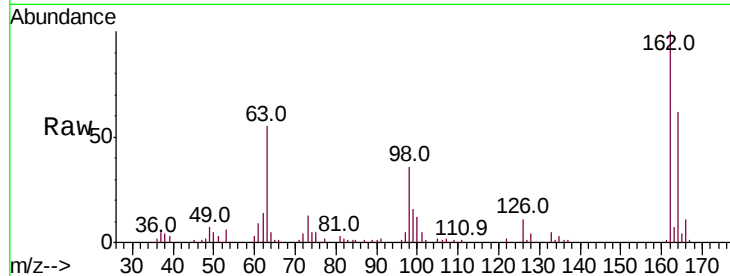




#29
 2,4-Dichlorophenol
 Concen: 36.633 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

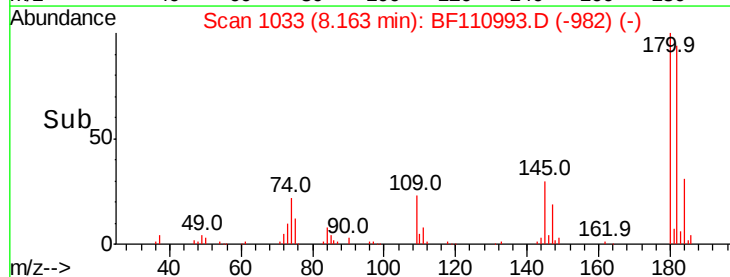
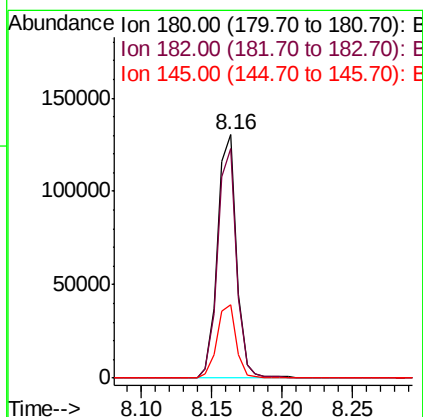
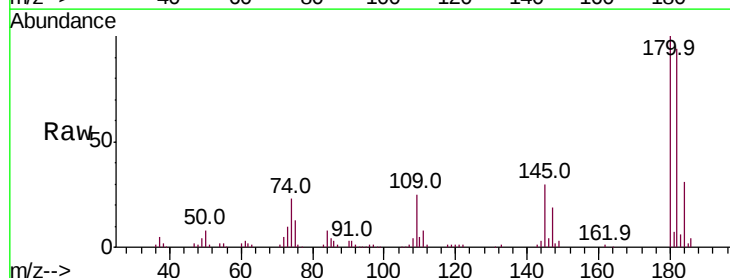
Instrument :
 BNA_F
 ClientSampleID :
 PB115071BS

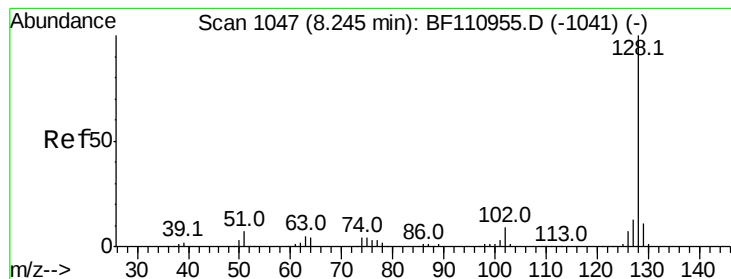
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.1	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 36.830 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	80.3	120.5
145	30.1	25.4	38.0





#31

Naphthalene

Concen: 39.333 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

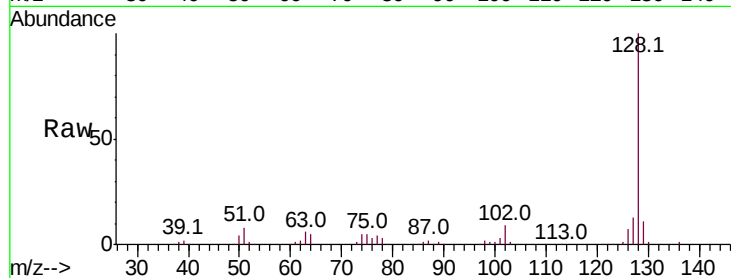
Tot Ion:128 Resp: 392742

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

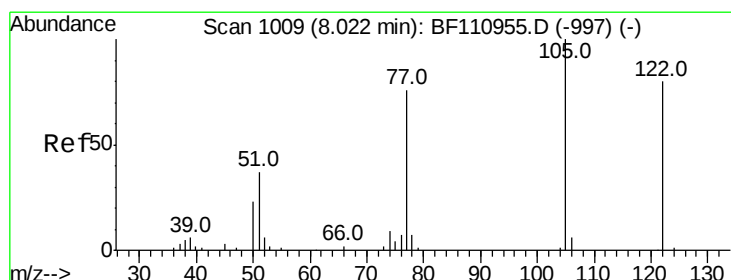
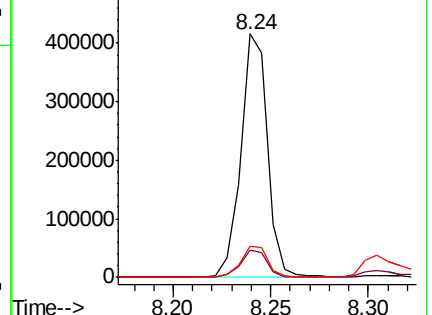
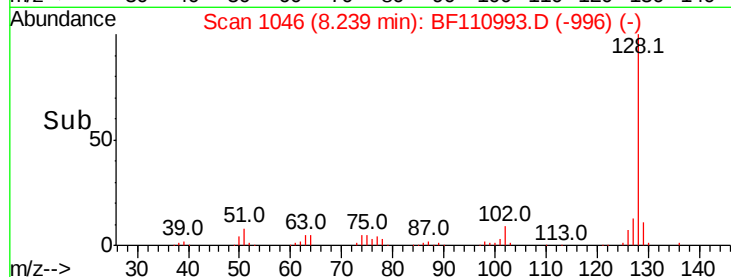
127 12.7 10.8 16.2



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: 19.817 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

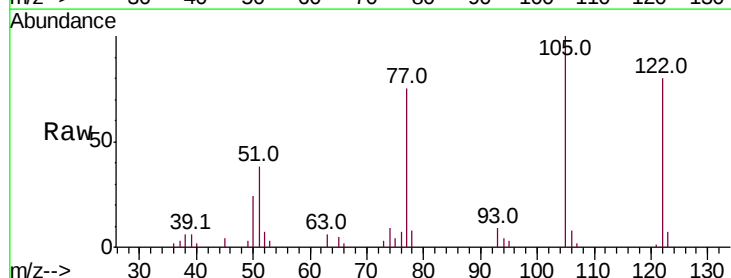
Tgt Ion:122 Resp: 41841

Ion Ratio Lower Upper

122 100

105 125.3 109.0 149.0

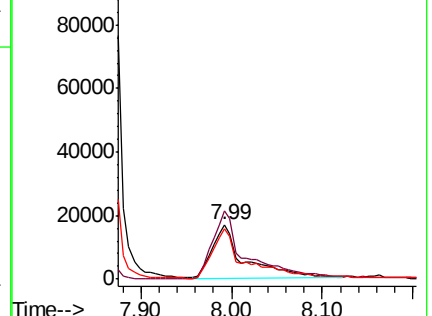
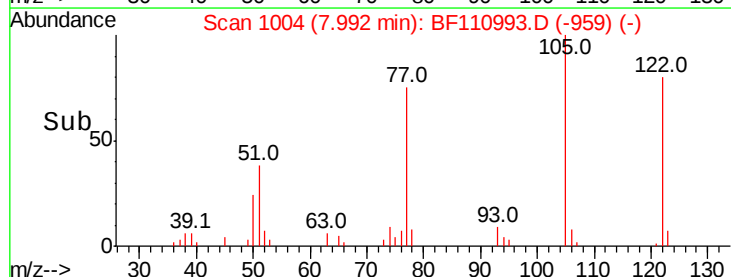
77 93.4 79.0 119.0

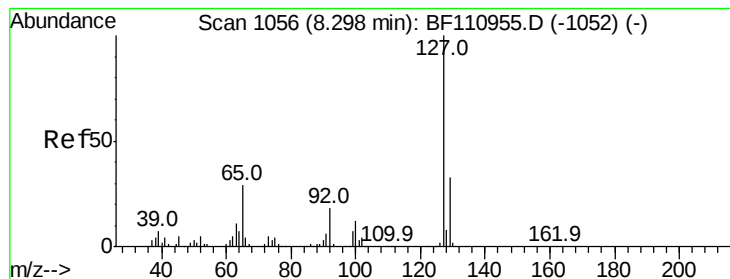


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.222 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

Tot Ion:127 Resp: 60444

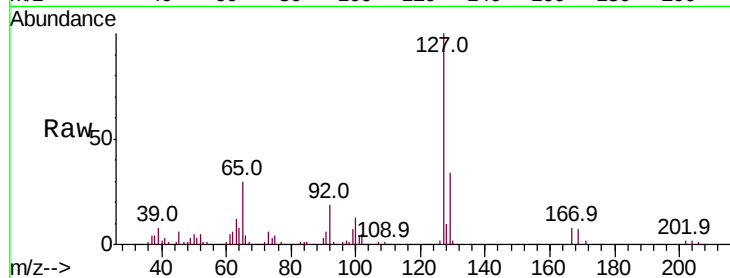
Ion Ratio Lower Upper

127 100

129 33.5 26.0 39.0

65 30.1 25.1 37.7

92 19.4 15.0 22.6

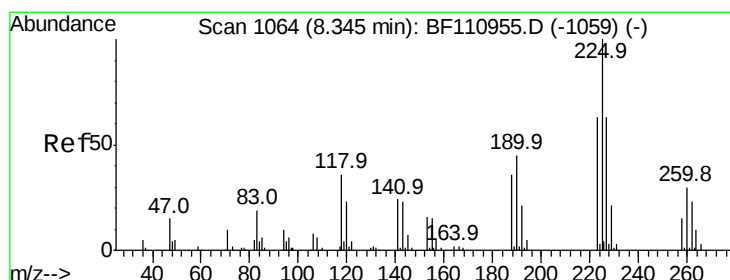
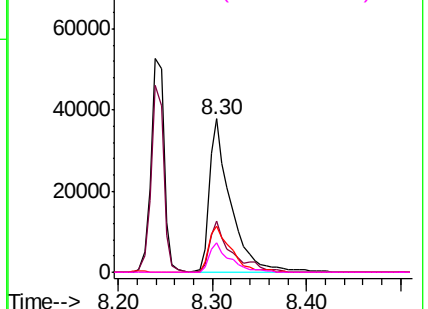
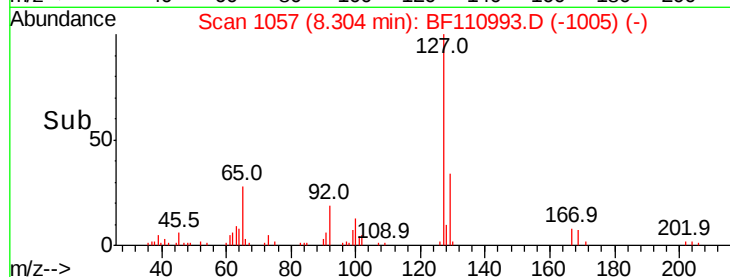


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.702 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

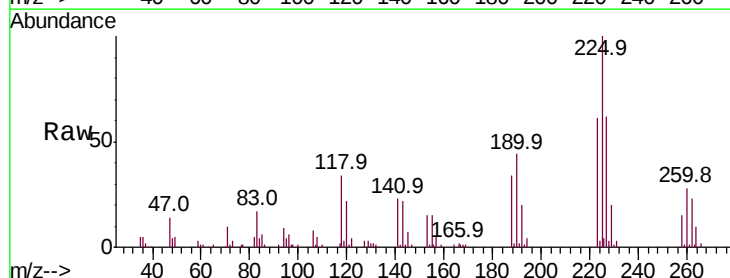
Tgt Ion:225 Resp: 71514

Ion Ratio Lower Upper

225 100

223 61.1 51.4 77.2

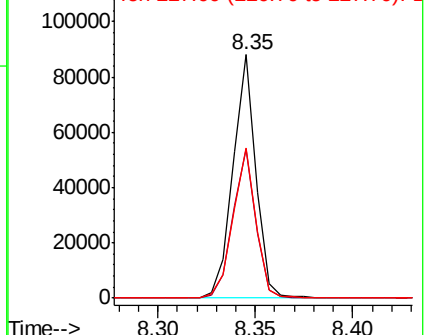
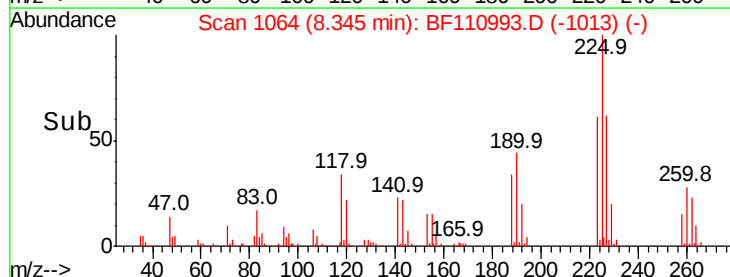
227 61.6 51.0 76.6

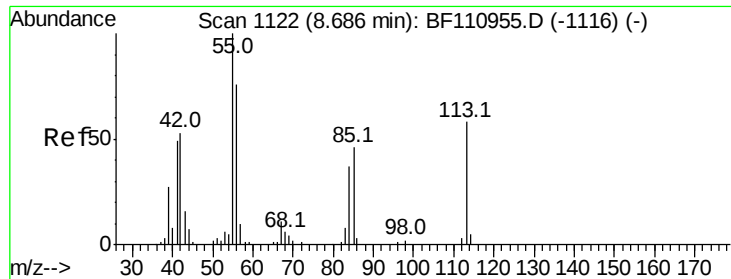


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.549 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

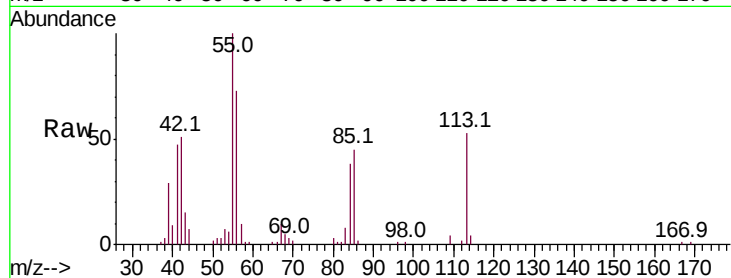
Tot Ion:113 Resp: 33022

Ion Ratio Lower Upper

113 100

55 189.9 142.8 182.8#

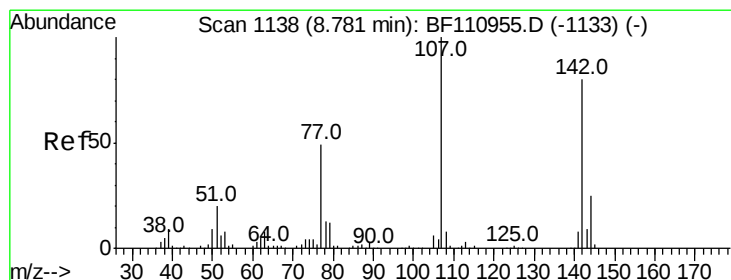
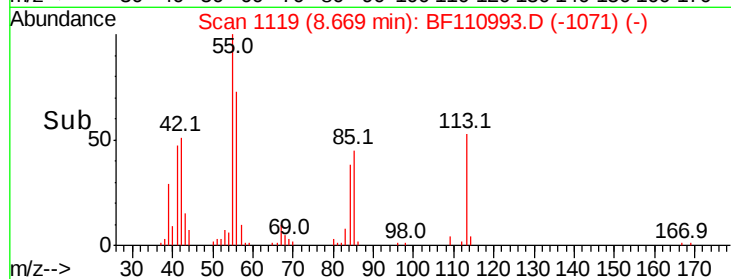
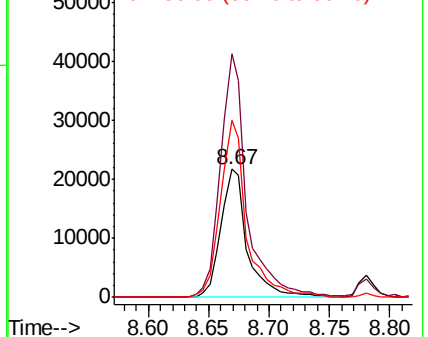
56 138.3 105.0 145.0



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: 34.648 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

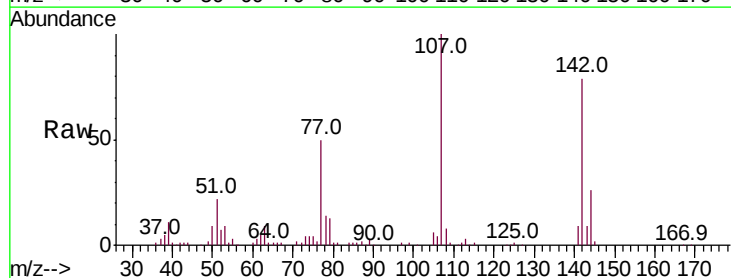
Tgt Ion:107 Resp: 114401

Ion Ratio Lower Upper

107 100

144 26.0 20.0 30.0

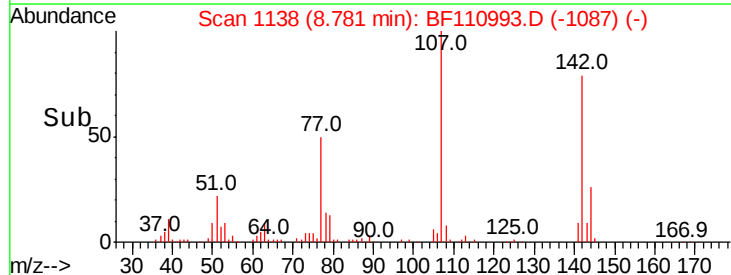
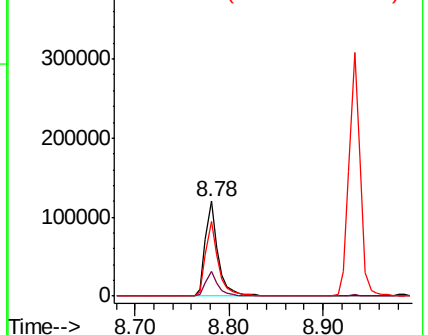
142 78.7 59.7 89.5

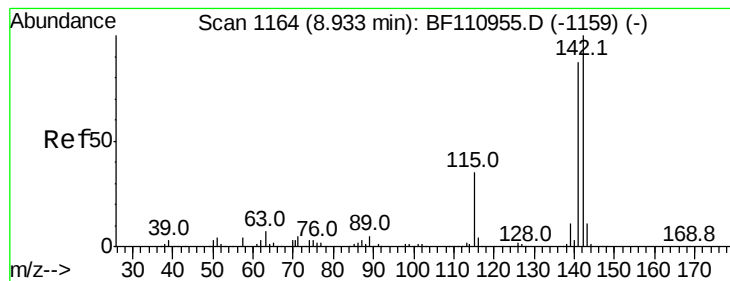


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.641 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

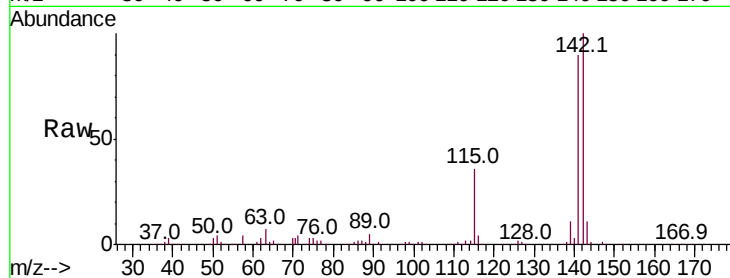
Tot Ion:142 Resp: 254845

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

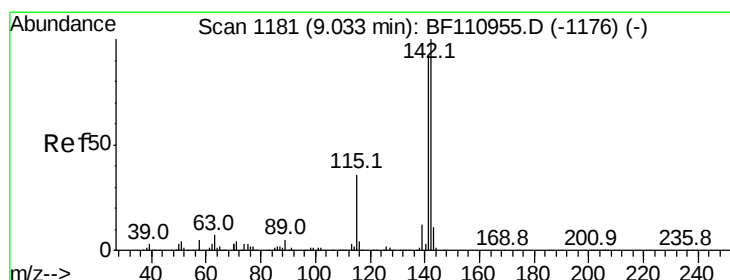
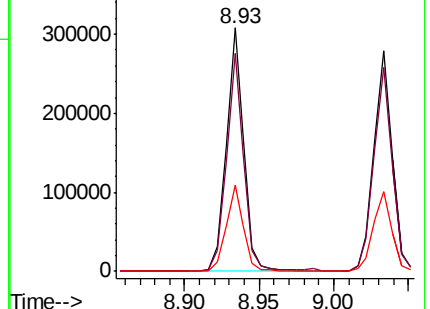
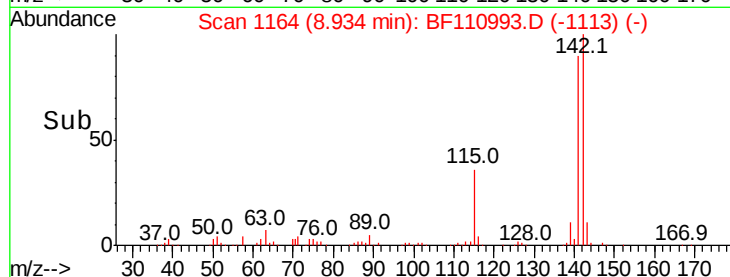
115 35.5 28.7 43.1



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: 36.857 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

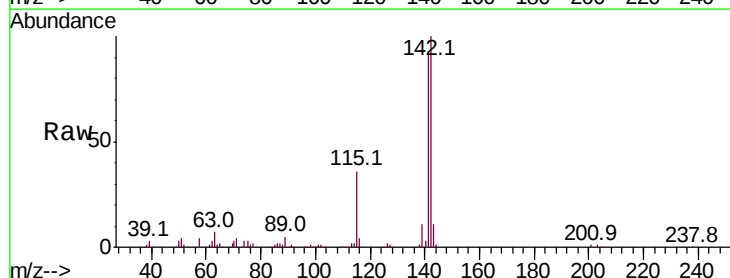
Tgt Ion:142 Resp: 236441

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4

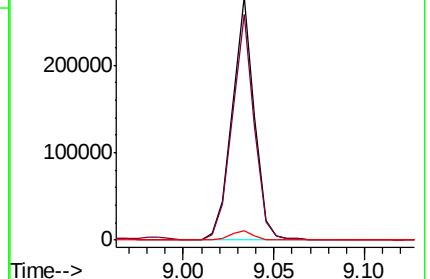
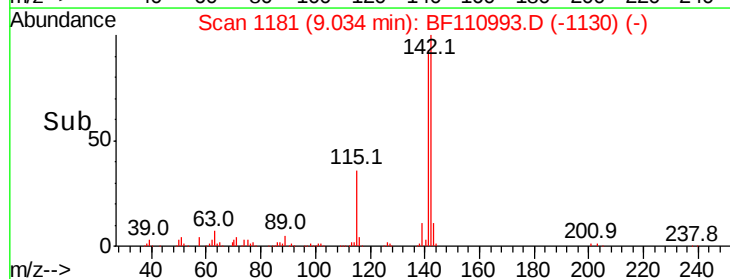
116 3.9 2.6 4.0

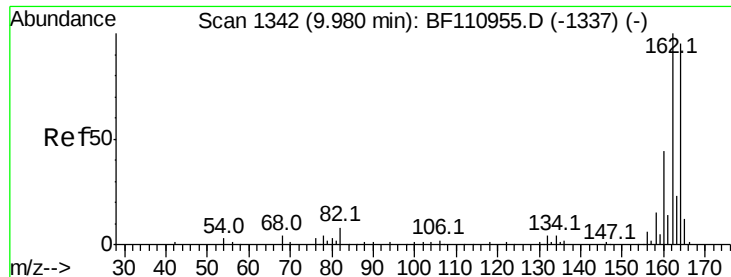


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

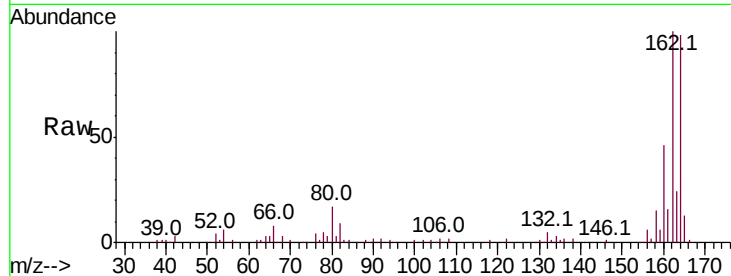




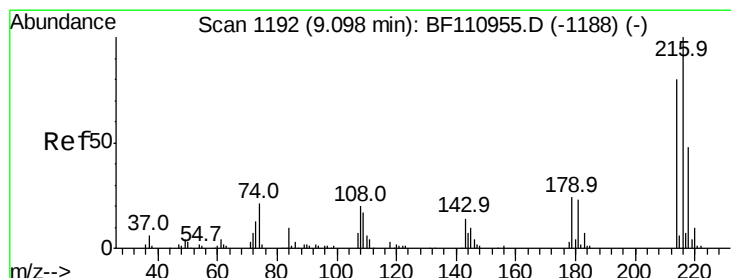
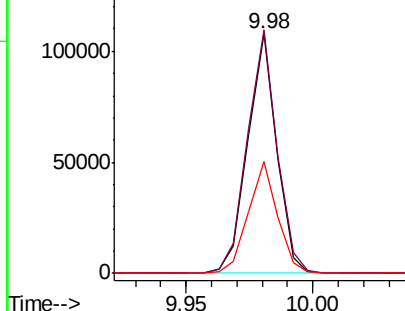
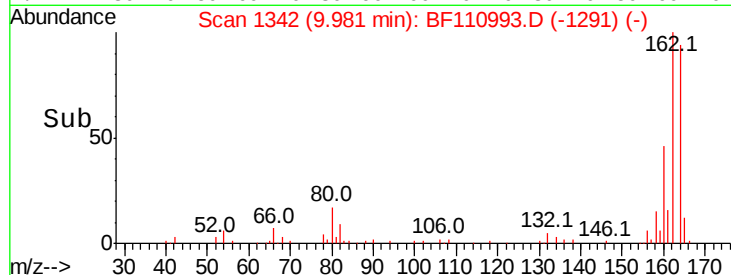
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

Tot Ion:164 Resp: 86039
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.0 124.6
 160 46.4 37.0 55.6

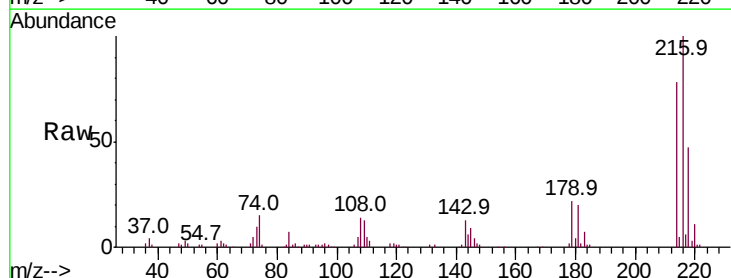


Abundance Ion 164.00 (163.70 to 164.70): E
 150000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

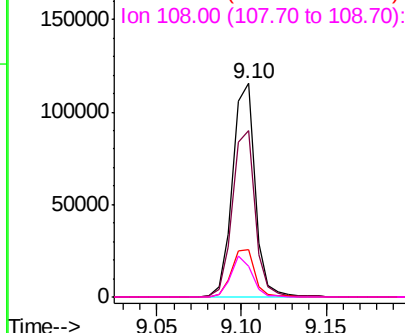
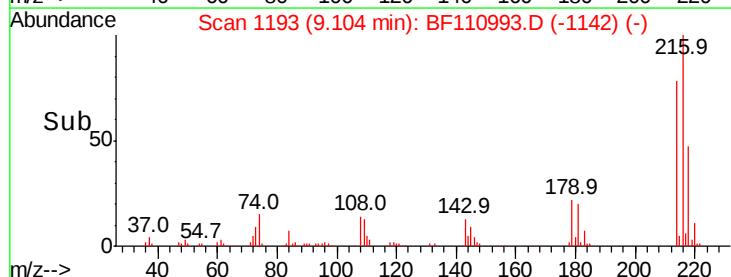


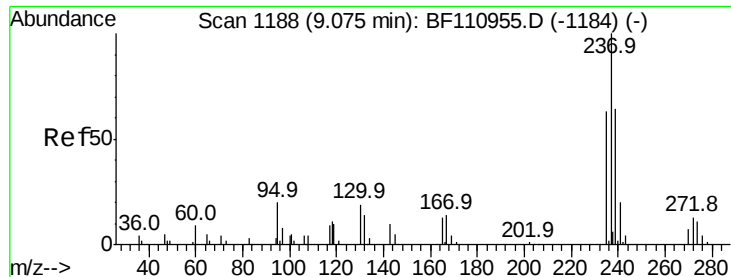
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.456 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion:216 Resp: 106790
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.8 95.6
 179 22.6 16.6 25.0
 108 18.0 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
 150000 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: 10.483 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

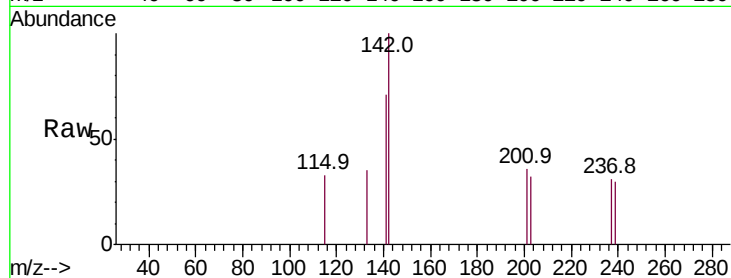
Tot Ion:237 Resp: 123

Ion Ratio Lower Upper

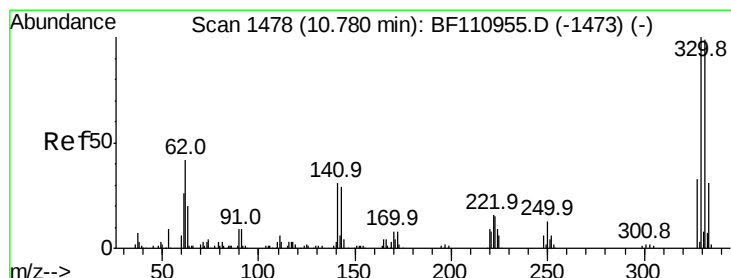
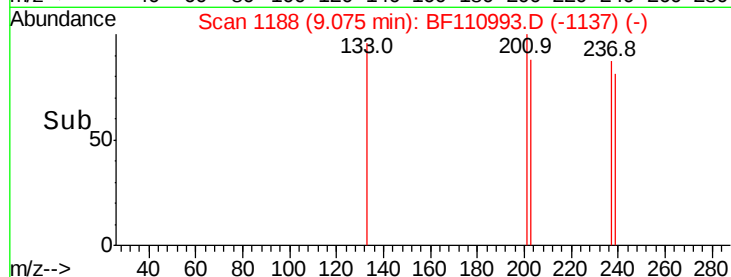
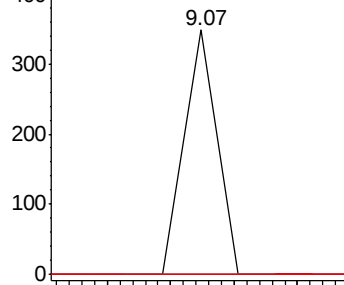
237 100

235 0.0 43.1 83.1#

272 0.0 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 70.443 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

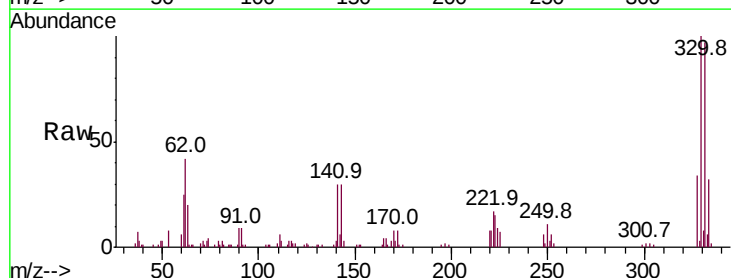
Tgt Ion:330 Resp: 60192

Ion Ratio Lower Upper

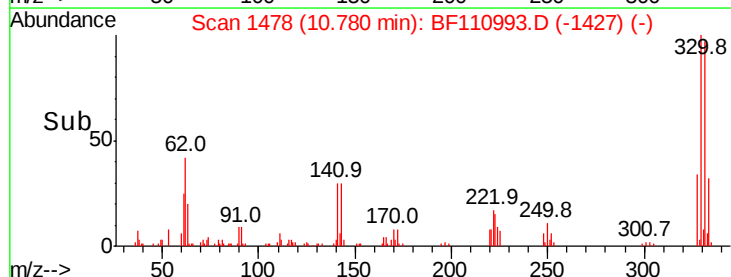
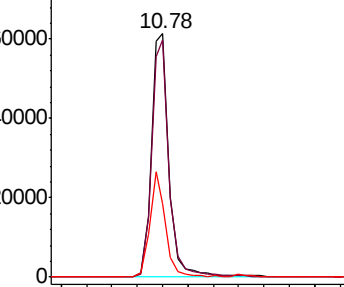
330 100

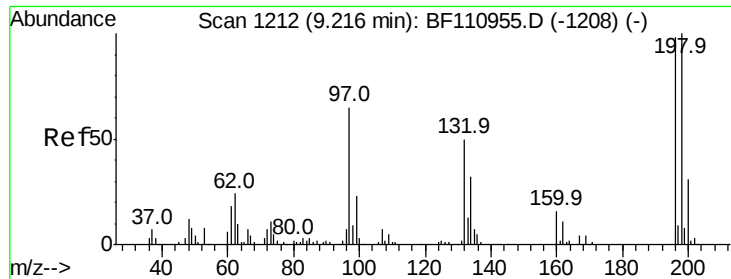
332 96.1 77.1 115.7

141 38.4 27.0 40.4



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

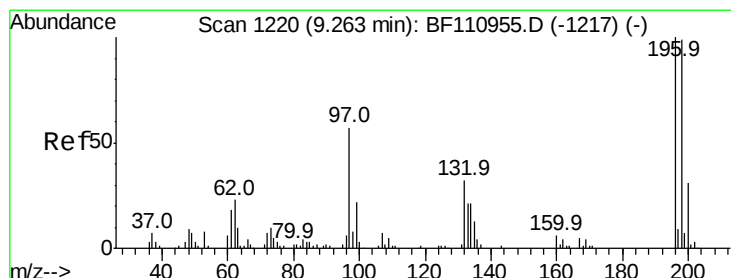
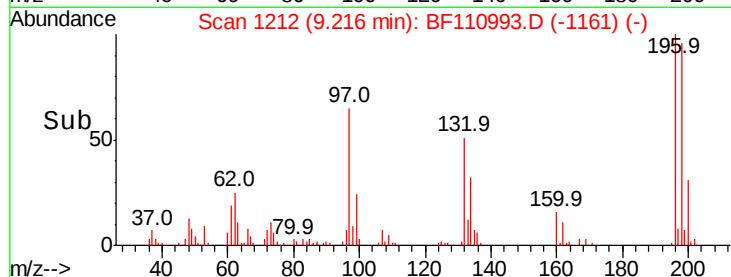
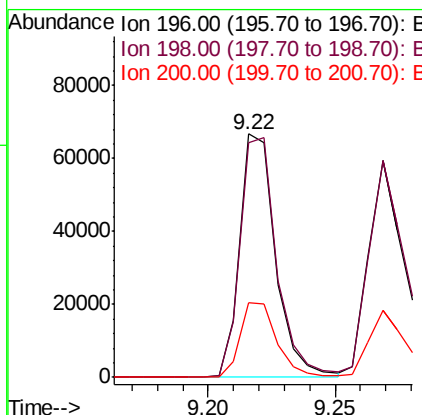
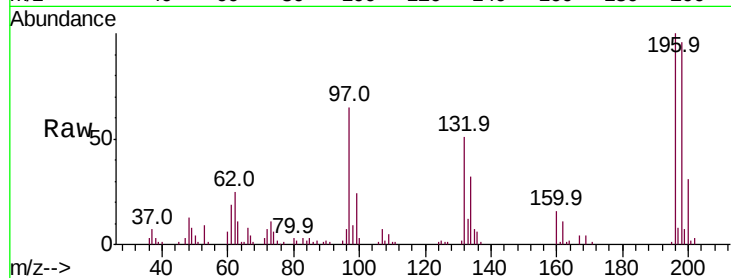




#43
 2,4,6-Trichlorophenol
 Concen: 40.636 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

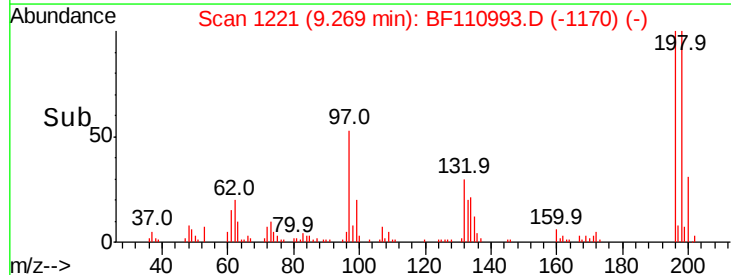
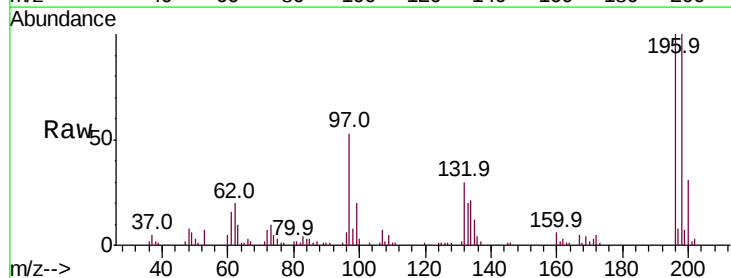
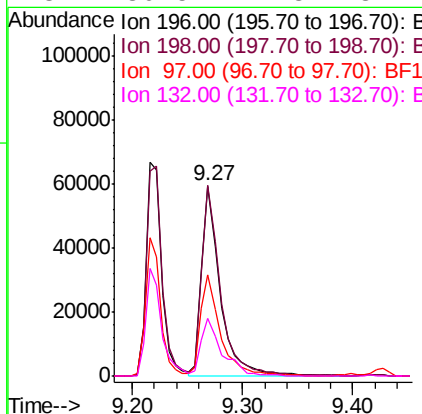
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

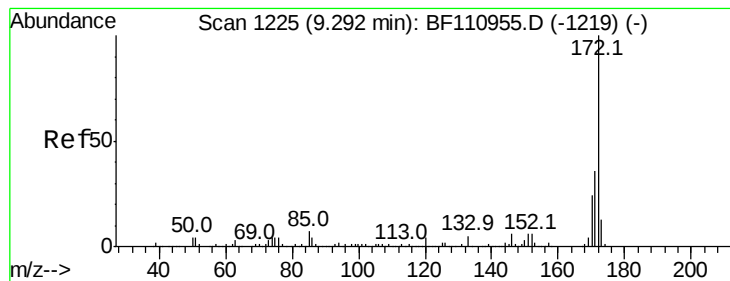
Tot Ion:196 Resp: 65688
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.948 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion:196 Resp: 67995
 Ion Ratio Lower Upper
 196 100
 198 100.4 75.8 113.6
 97 53.2 42.4 63.6
 132 30.5 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 89.269 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

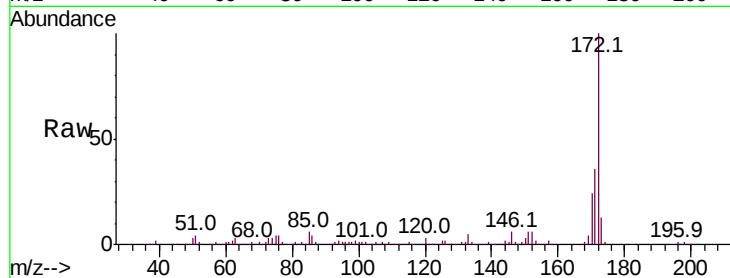
Tot Ion:172 Resp: 530145

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

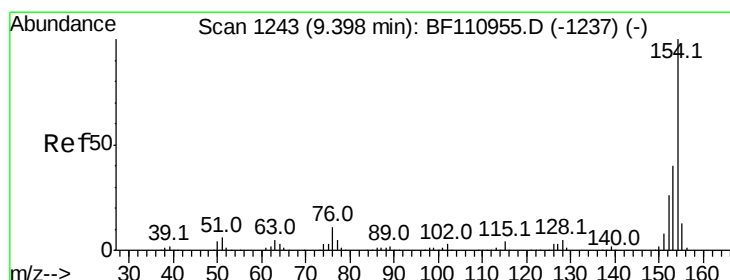
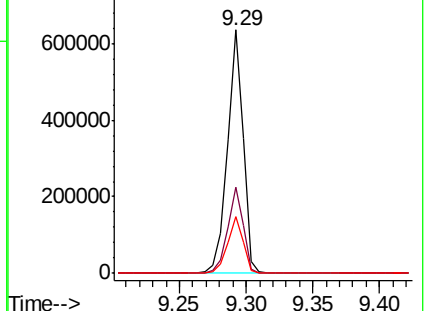
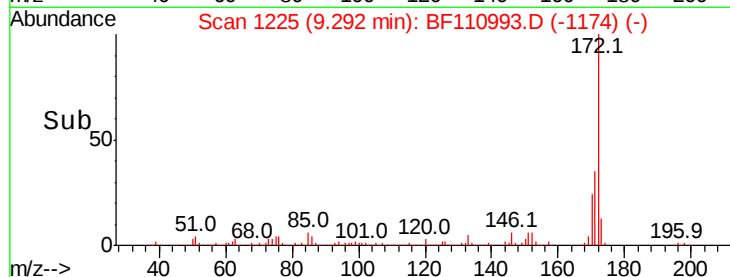
170 23.5 19.7 29.5



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: 37.969 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

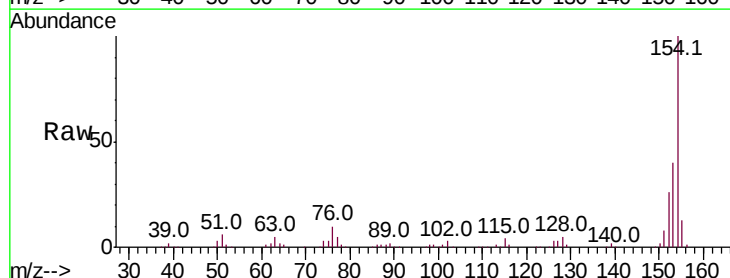
Tgt Ion:154 Resp: 301180

Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

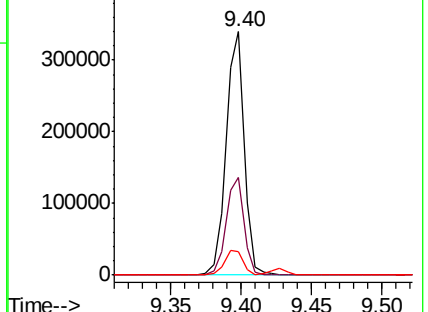
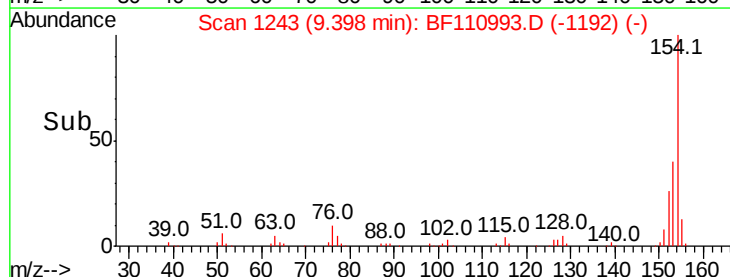
76 9.6 0.0 31.9

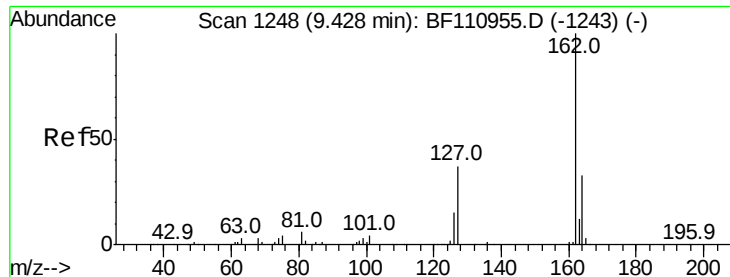


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

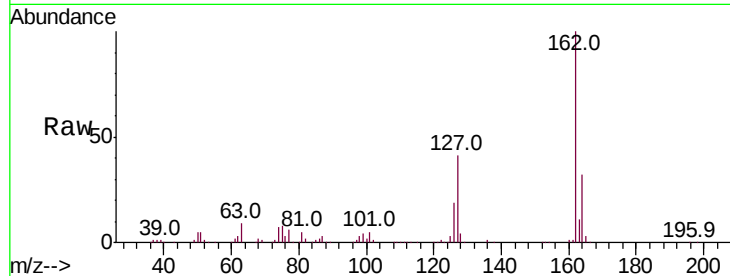




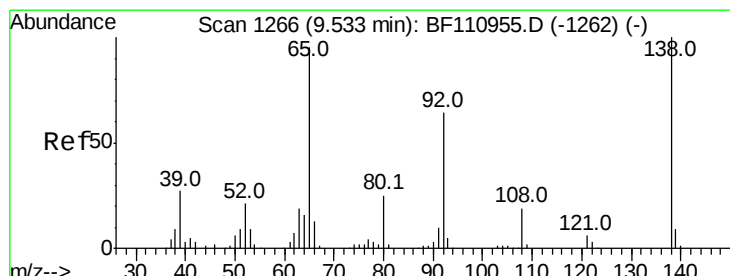
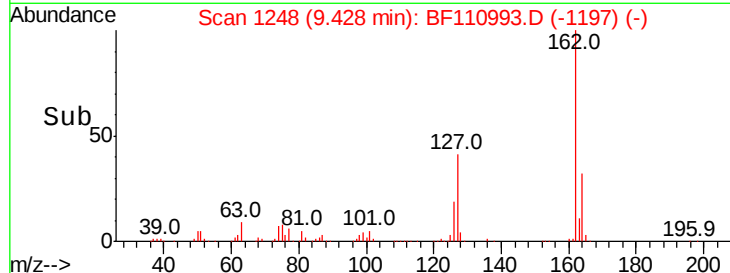
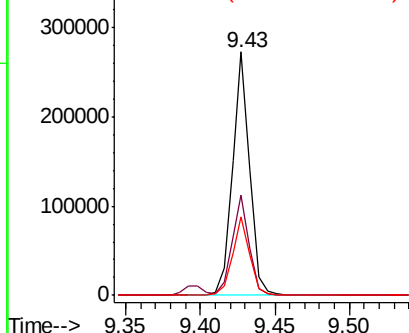
#47
 2-Chloronaphthalene
 Concen: 38.669 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	32.2	25.9	38.9

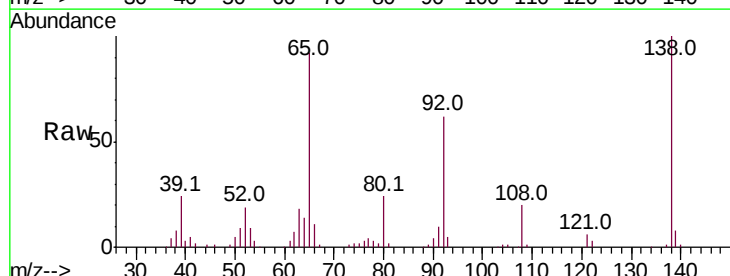


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

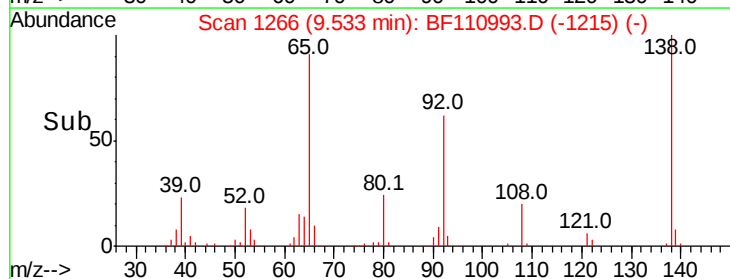
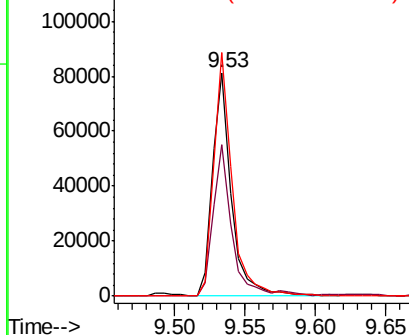


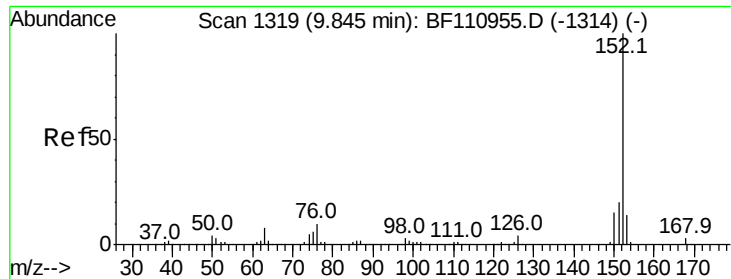
#48
 2-Nitroaniline
 Concen: 42.305 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.6	81.8
138	108.8	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.177 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

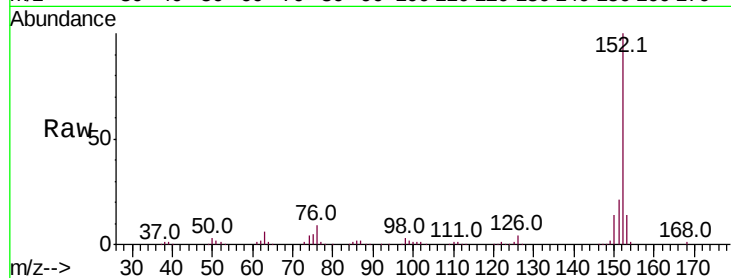
Tot Ion:152 Resp: 328580

Ion Ratio Lower Upper

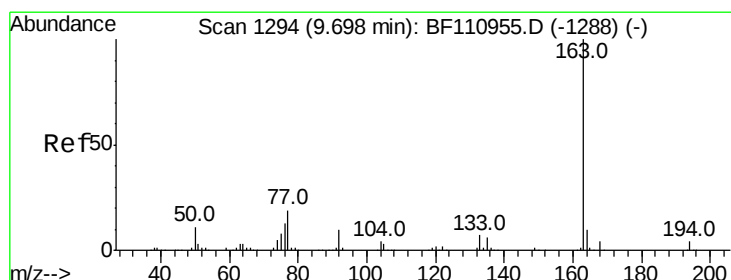
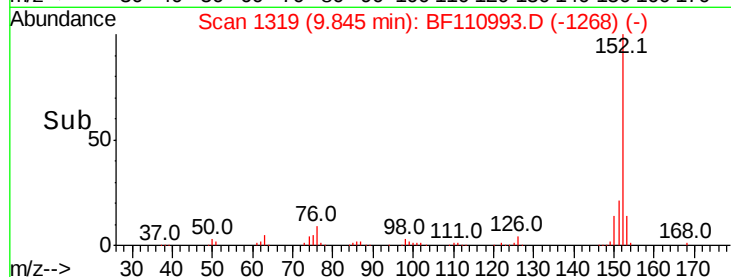
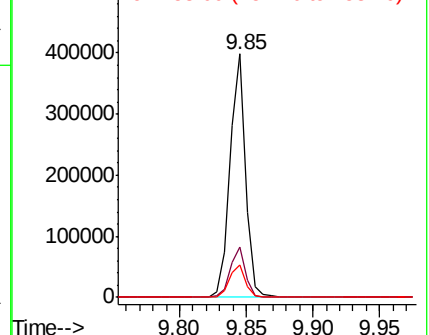
152 100

151 20.7 15.8 23.8

153 13.5 10.4 15.6



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



#50

Dimethylphthalate

Concen: 42.518 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

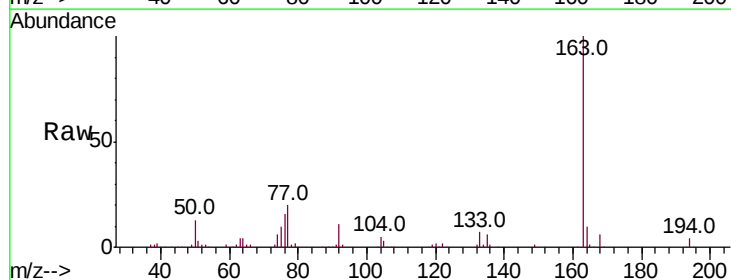
Tgt Ion:163 Resp: 268292

Ion Ratio Lower Upper

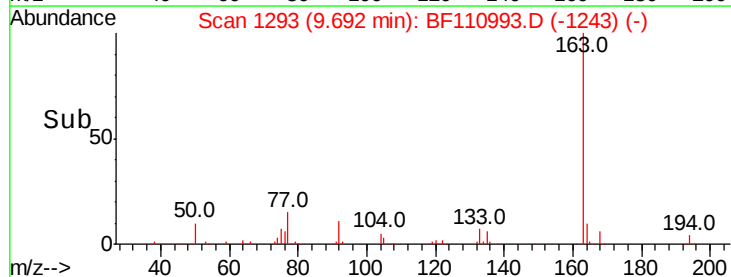
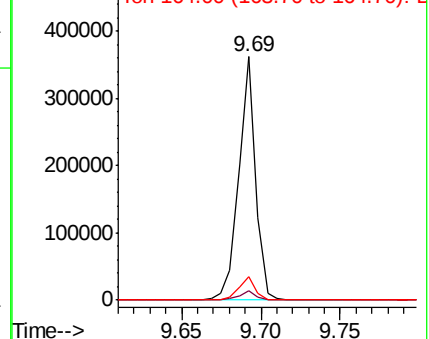
163 100

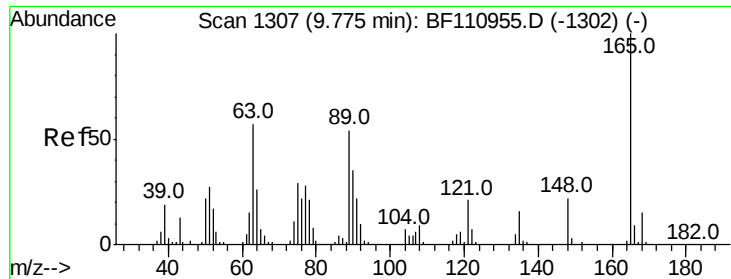
194 3.7 3.2 4.8

164 9.7 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

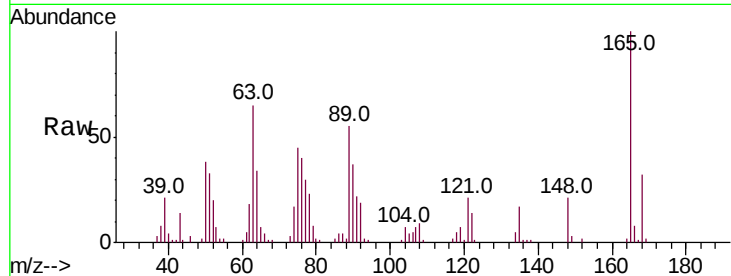




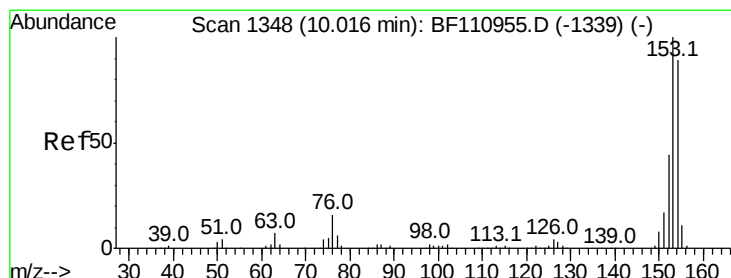
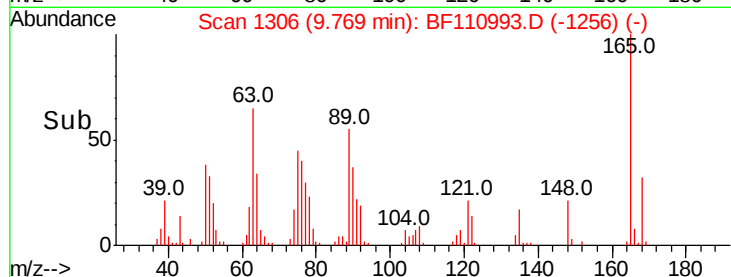
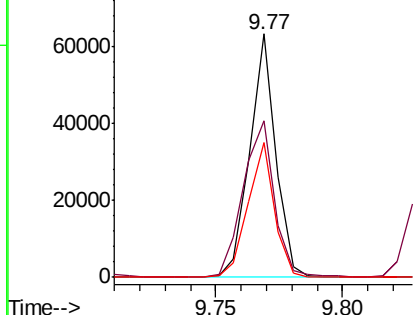
#51
2,6-Dinitrotoluene
Concen: 32.291 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleId :
PB115071BS

Tot Ion:165 Resp: 45361
Ion Ratio Lower Upper
165 100
63 64.5 48.9 73.3
89 55.5 46.6 69.8

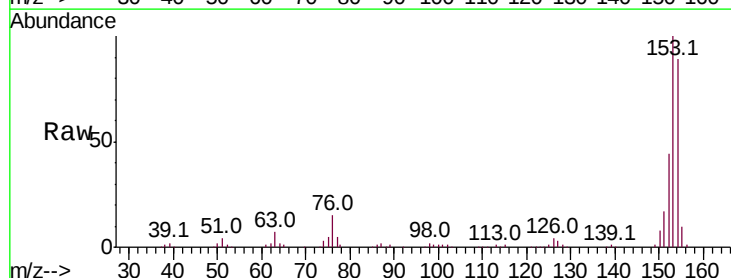


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

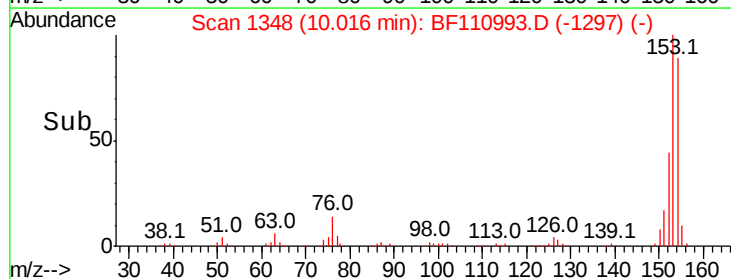
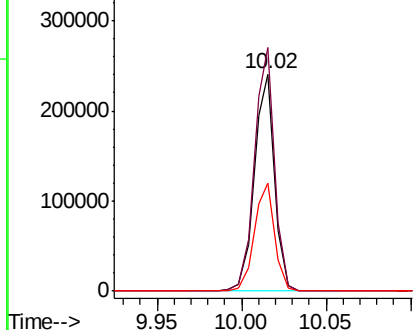


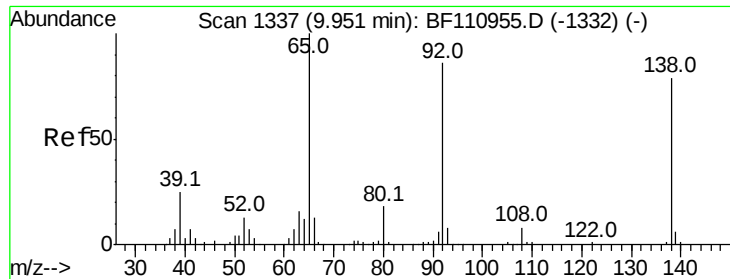
#52
Acenaphthene
Concen: 38.517 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion:154 Resp: 201937
Ion Ratio Lower Upper
154 100
153 112.1 90.1 135.1
152 49.9 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

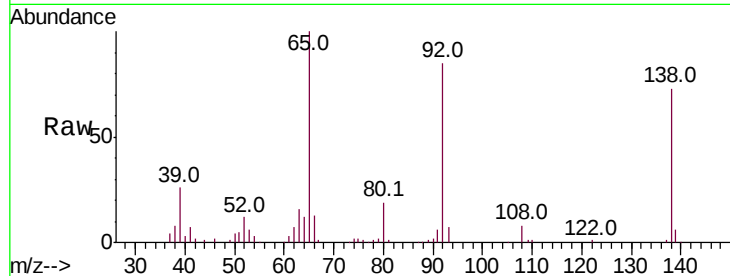




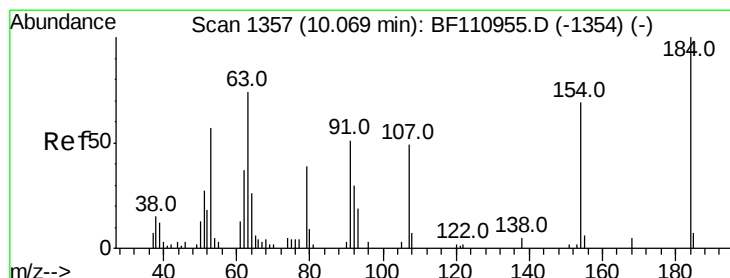
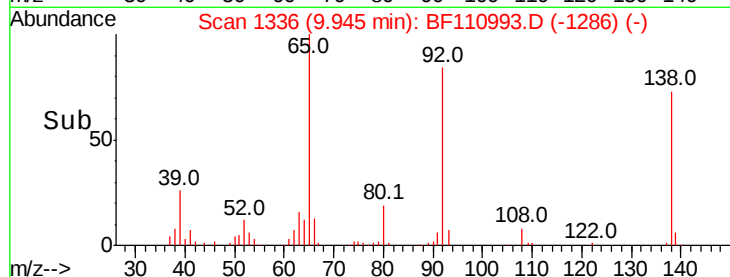
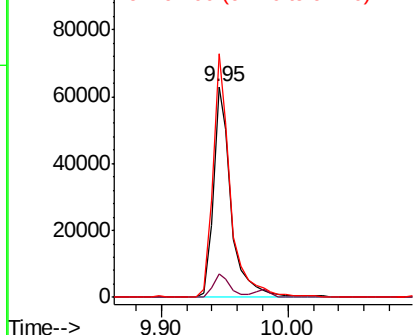
#53
3-Nitroaniline
Concen: 38.203 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleId :
PB115071BS

Tot Ion:138 Resp: 62549
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.5 97.0 145.4

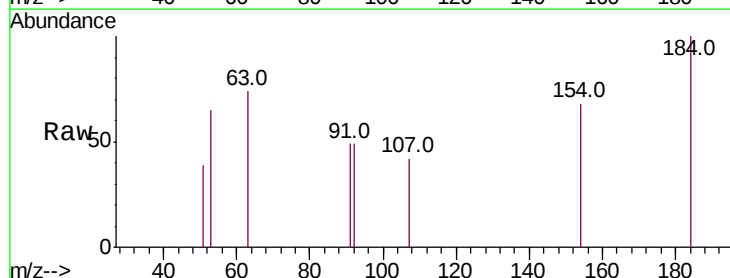


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

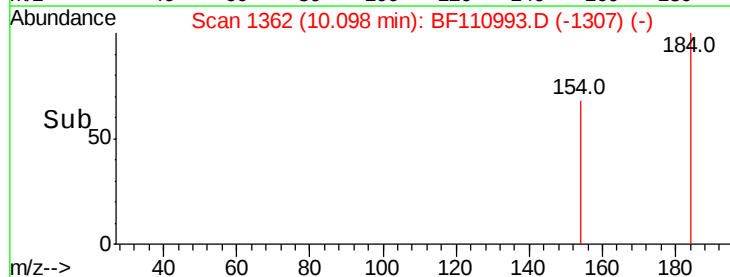
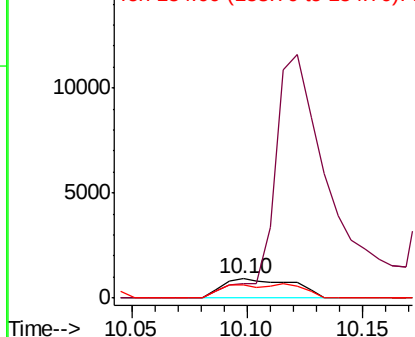


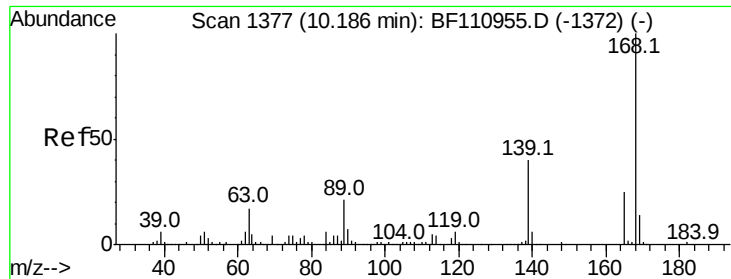
#54
2,4-Dinitrophenol
Concen: 7.498 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion:184 Resp: 1968
Ion Ratio Lower Upper
184 100
63 74.4 55.8 83.6
154 68.4 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: 37.120 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

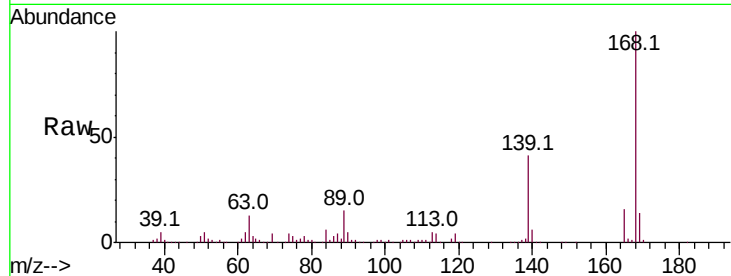
Tot Ion:168 Resp: 283921

Ion Ratio Lower Upper

168 100

139 41.2 33.0 49.6

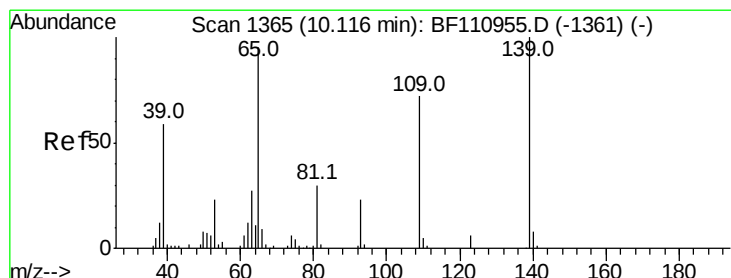
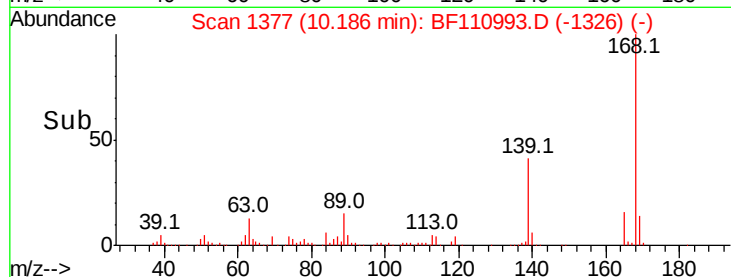
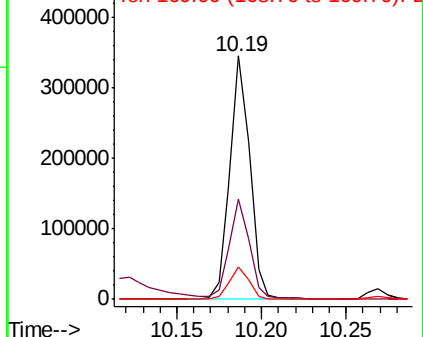
169 13.5 11.3 16.9



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: 59.312 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

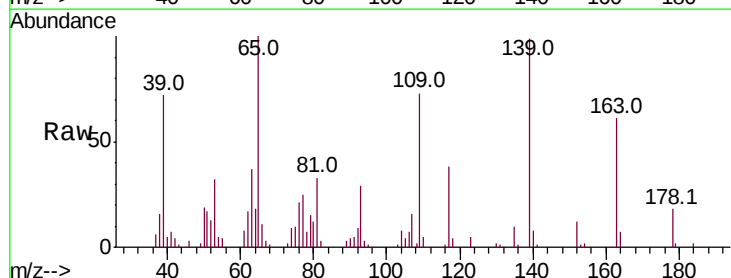
Tgt Ion:139 Resp: 52931

Ion Ratio Lower Upper

139 100

109 73.3 55.8 95.8

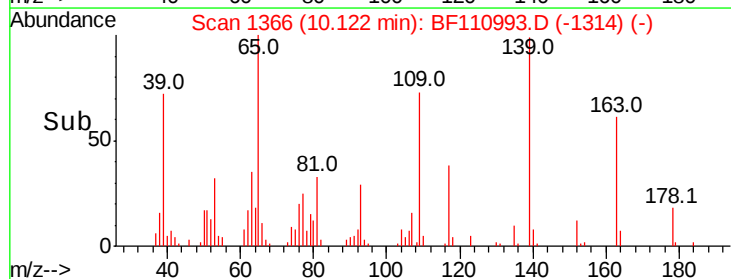
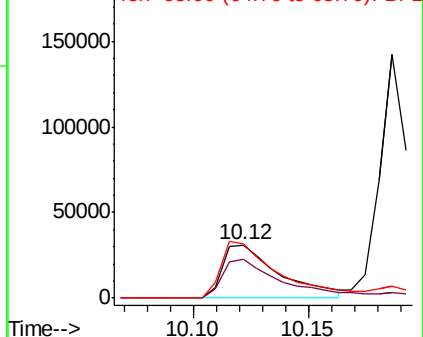
65 100.8 77.9 117.9

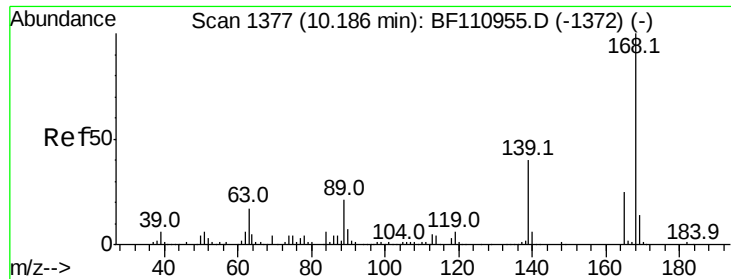


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

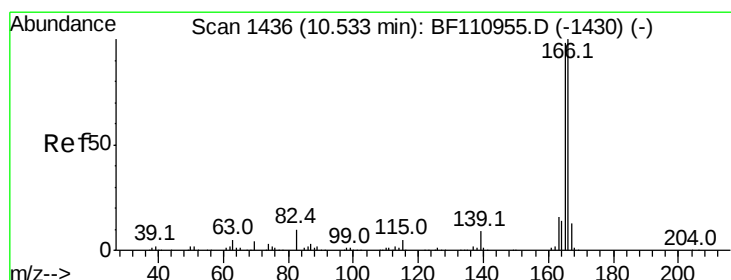
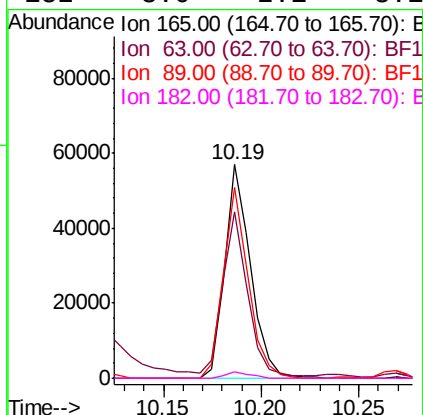
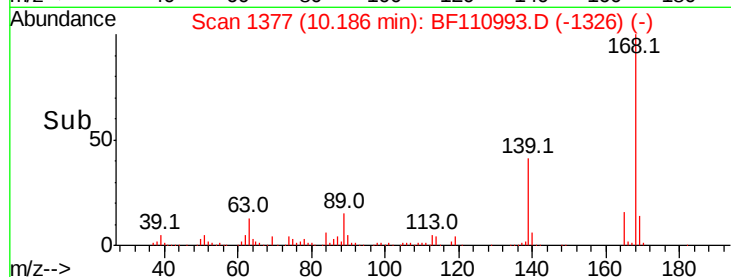
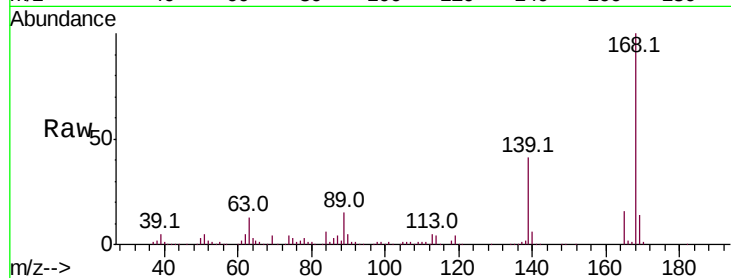




#57
2,4-Dinitrotoluene
Concen: 28.508 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

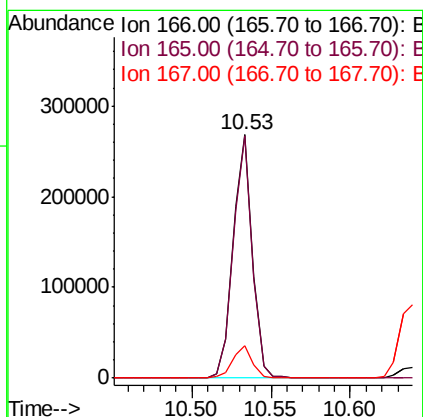
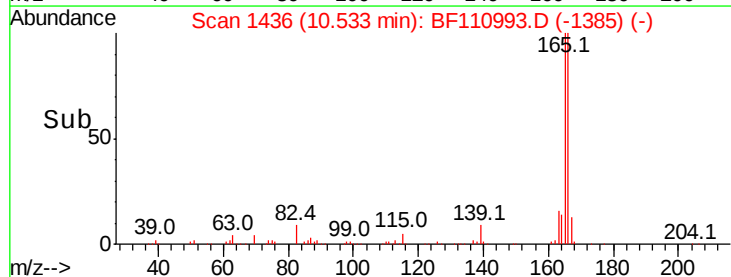
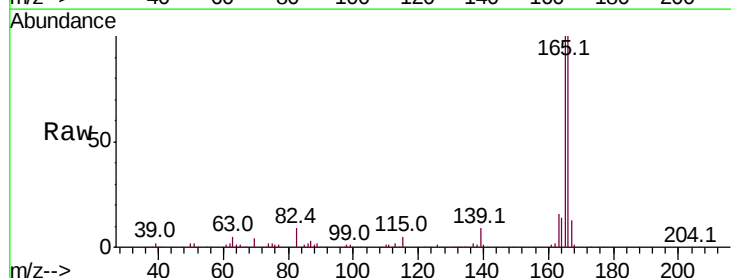
Instrument :
BNA_F
ClientSampleId :
PB115071BS

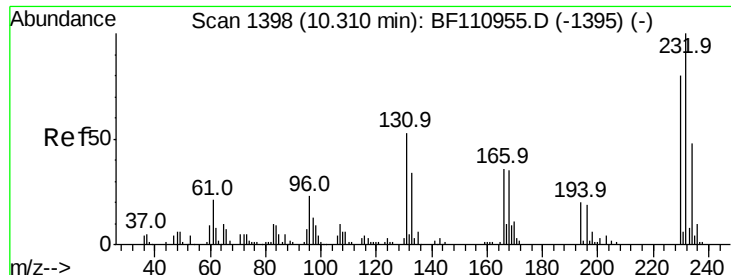
Tot Ion	Ratio	Lower	Upper
165	100		
63	77.9	44.8	67.2#
89	89.4	62.2	93.4
182	3.0	2.1	3.1



#58
Fluorene
Concen: 37.614 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.1	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.906 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

Tot Ion:232 Resp: 51553

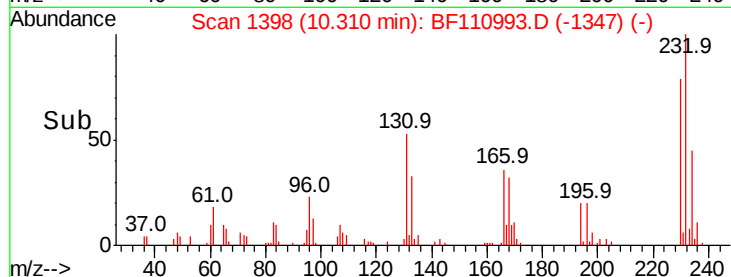
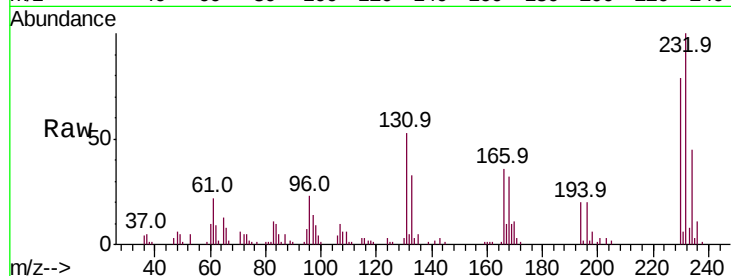
Ion Ratio Lower Upper

232 100

131 50.3 37.0 55.4

130 2.3 1.8 2.6

166 33.7 22.0 33.0#

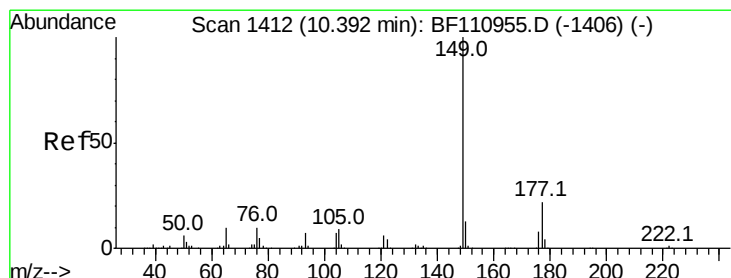
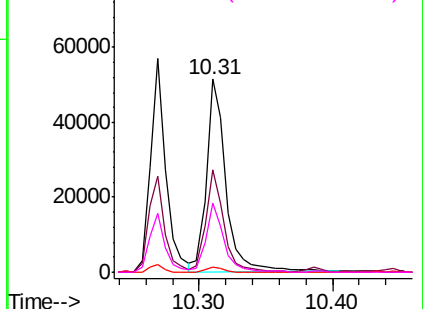


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.972 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

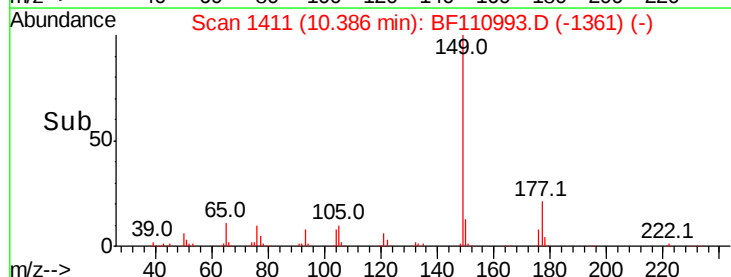
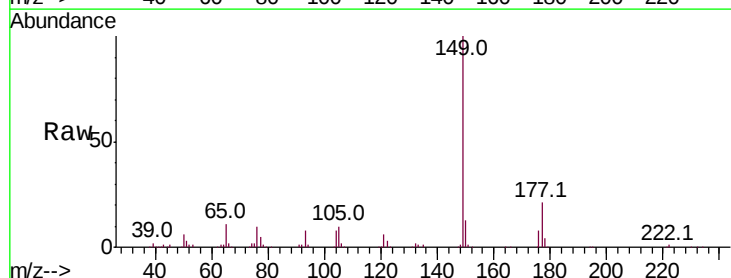
Tgt Ion:149 Resp: 260105

Ion Ratio Lower Upper

149 100

177 21.0 17.4 26.2

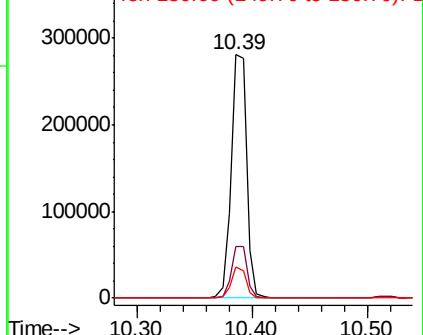
150 12.8 9.8 14.8

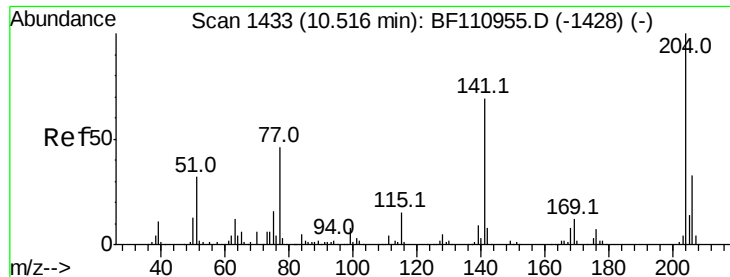


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

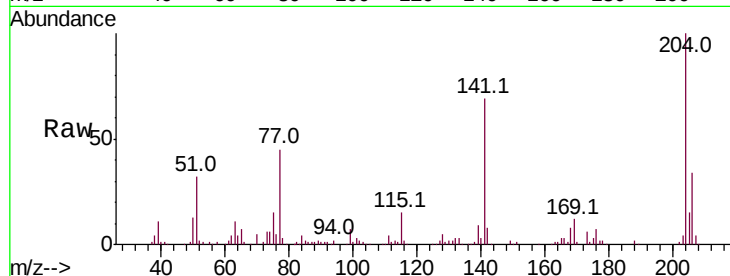




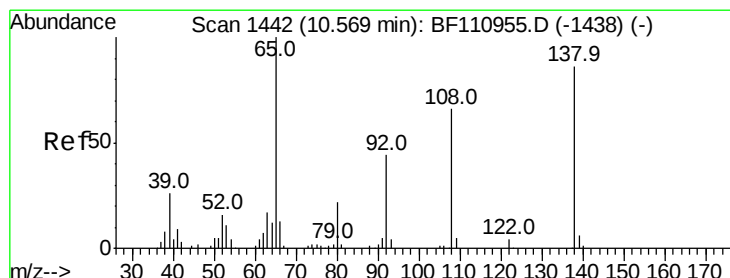
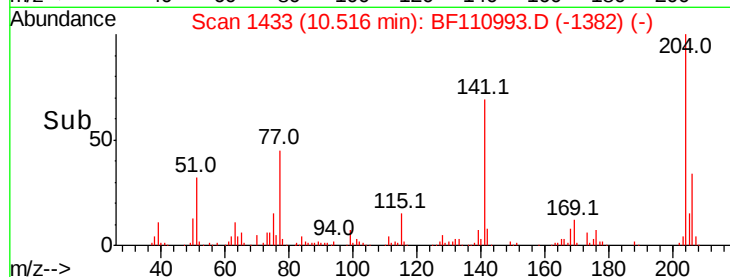
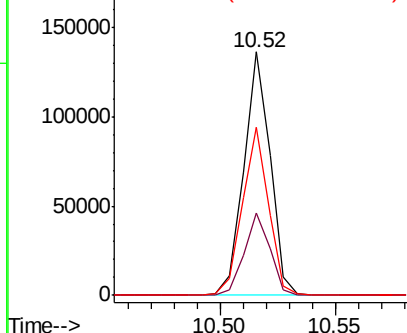
#61
4-Chlorophenyl-phenylether
Concen: 34.908 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleId :
PB115071BS

Tot Ion:204 Resp: 108656
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 69.0 51.8 77.8

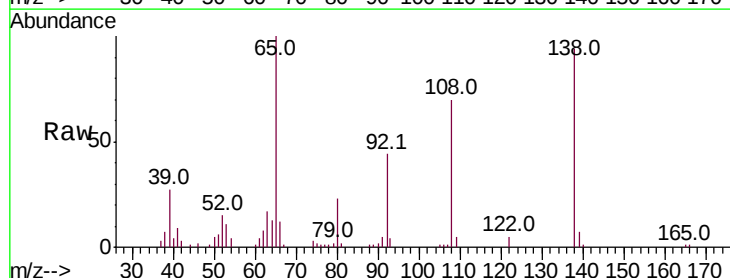


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

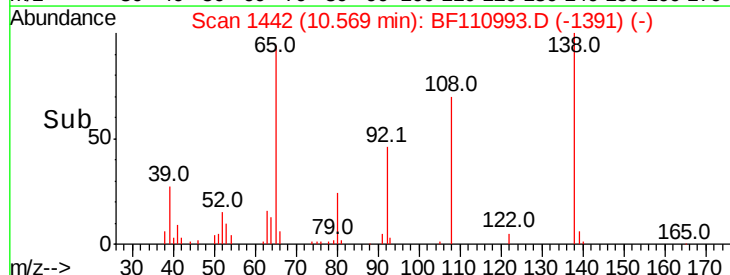
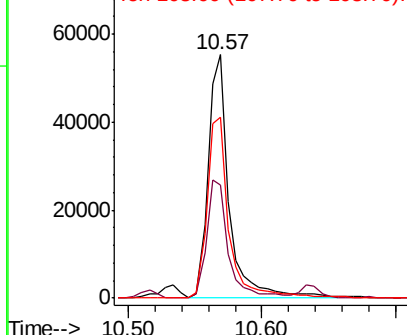


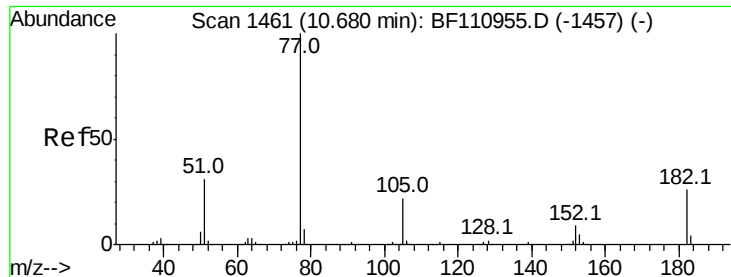
#62
4-Nitroaniline
Concen: 39.988 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion:138 Resp: 60959
Ion Ratio Lower Upper
138 100
92 46.4 31.7 71.7
108 74.0 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

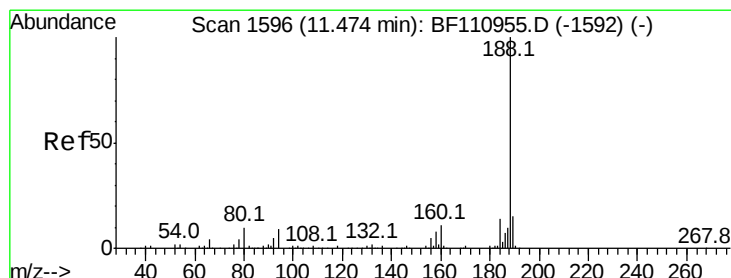
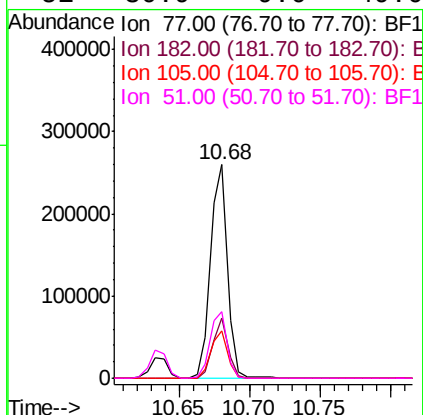
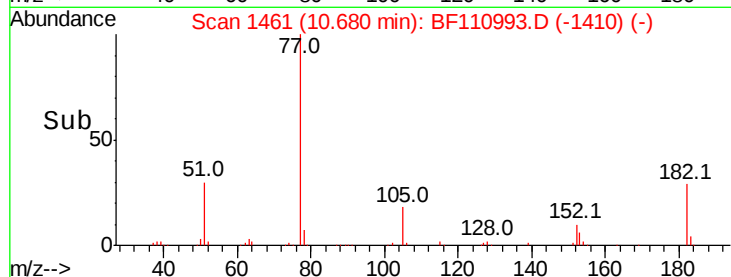
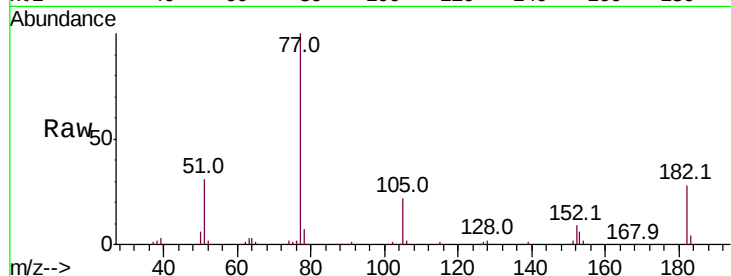




#63
Azobenzene
Concen: 33.982 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

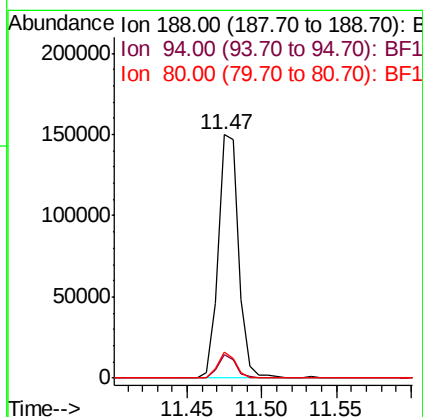
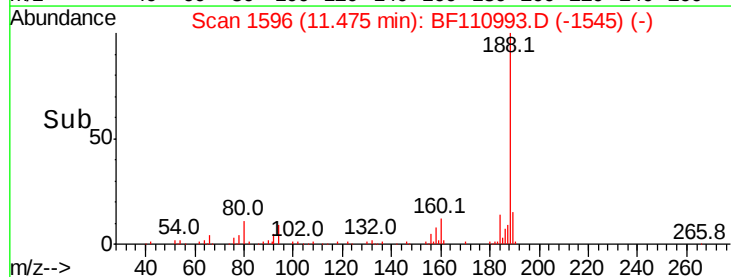
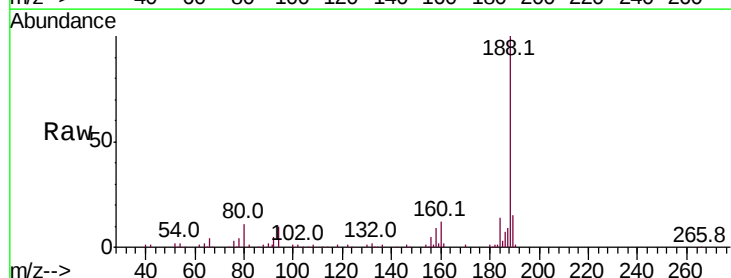
Instrument :
BNA_F
ClientSampleId :
PB115071BS

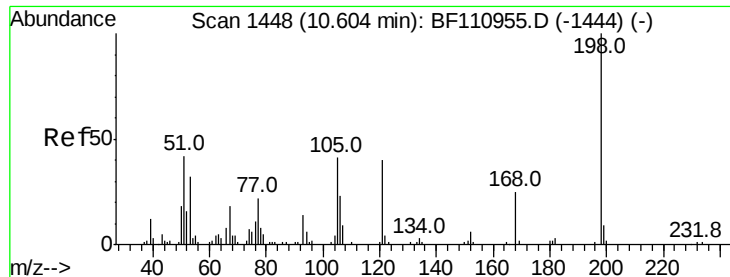
Tot Ion: 77 Resp: 215529
Ion Ratio Lower Upper
77 100
182 28.4 4.3 44.3
105 22.0 1.3 41.3
51 30.9 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion: 188 Resp: 144779
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.5 7.9 11.9

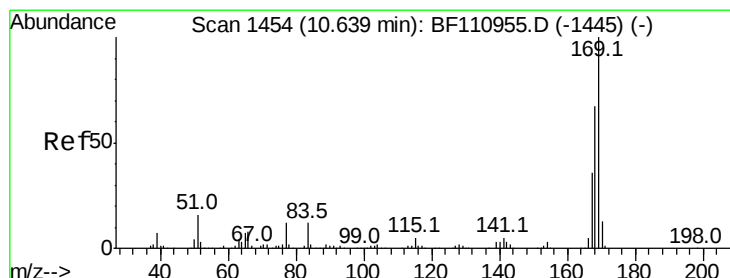
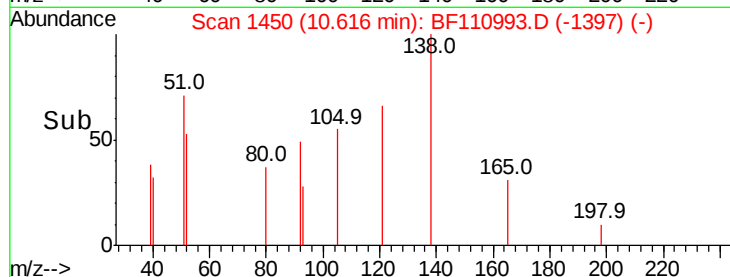
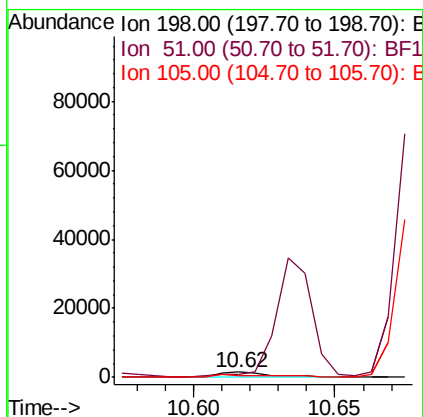
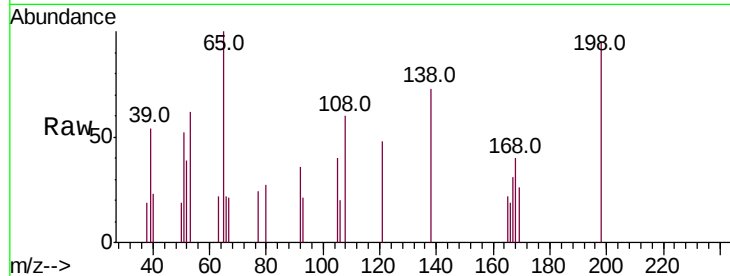




#65
4,6-Dinitro-2-methylphenol
Concen: 2.647 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

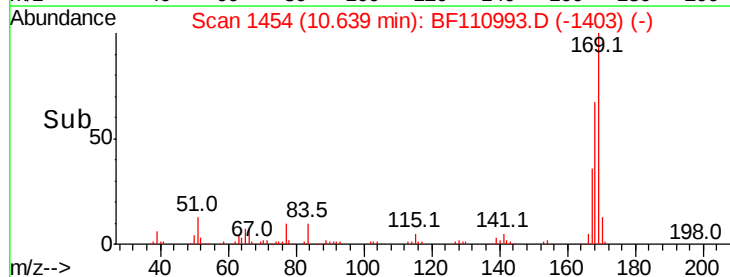
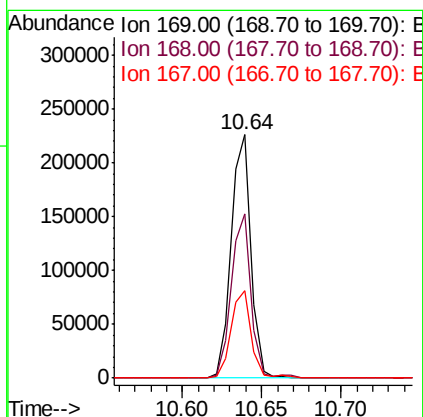
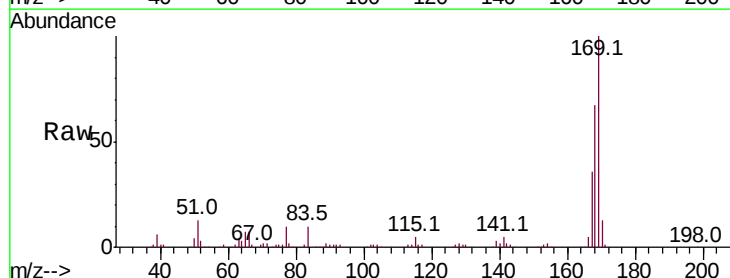
Instrument :
BNA_F
ClientSampleId :
PB115071BS

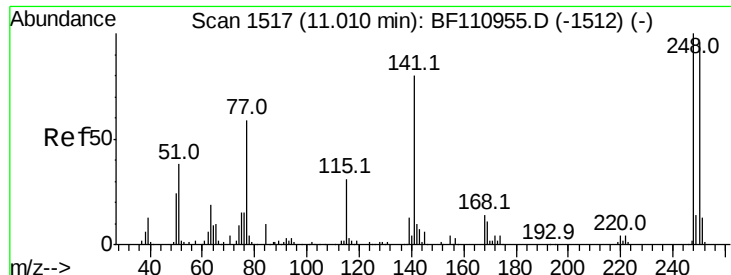
Tot Ion:198 Resp: 1813
Ion Ratio Lower Upper
198 100
51 54.7 22.8 62.8
105 42.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 40.631 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion:169 Resp: 195825
Ion Ratio Lower Upper
169 100
168 67.2 51.2 76.8
167 35.9 27.8 41.6

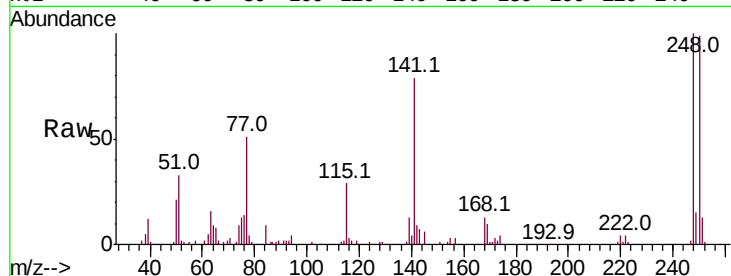




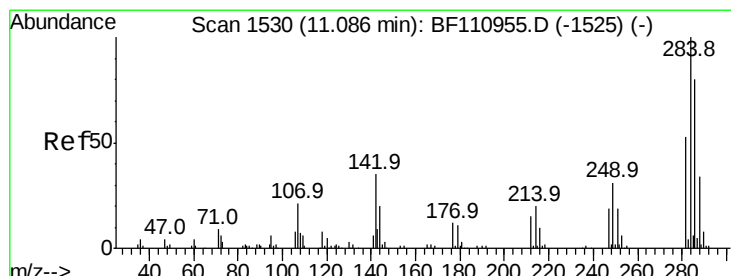
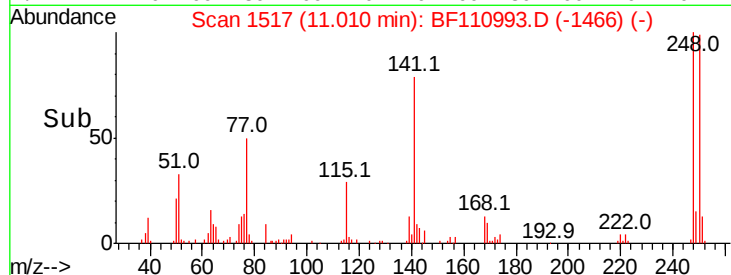
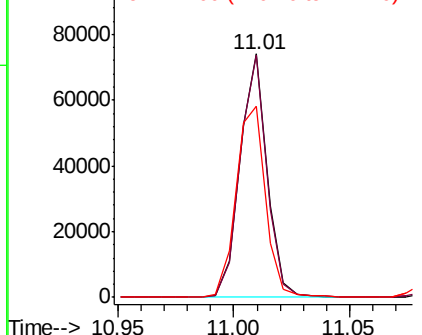
#67
4-Bromophenyl-phenylether
Concen: 38.359 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Instrument :
BNA_F
ClientSampleID :
PB115071BS

Tot Ion:248 Resp: 60483
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.2
141 78.7 55.9 83.9

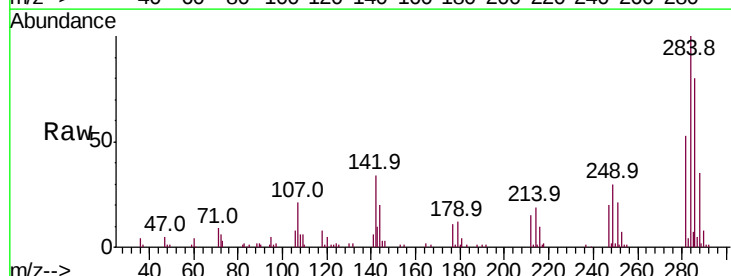


Abundance Ion 248.00 (247.70 to 248.70): E
100000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

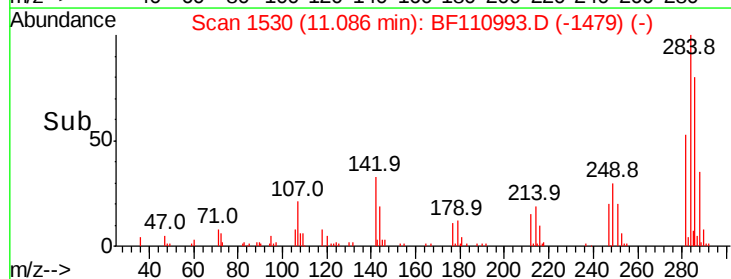
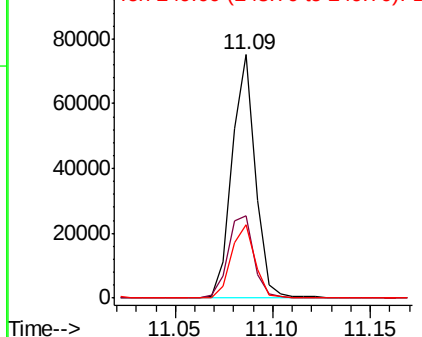


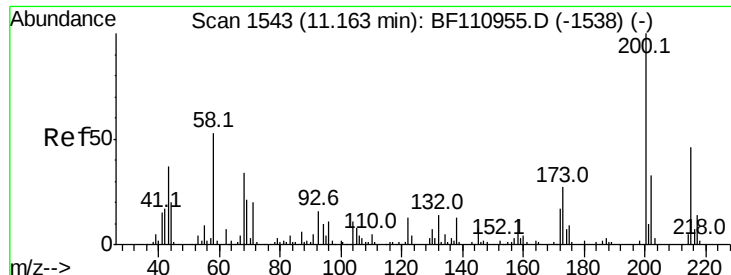
#68
Hexachlorobenzene
Concen: 37.065 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF110993.D
Acq: 27 Nov 2018 5:42

Tgt Ion:284 Resp: 62250
Ion Ratio Lower Upper
284 100
142 33.9 23.9 35.9
249 30.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
100000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: Below Cal

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

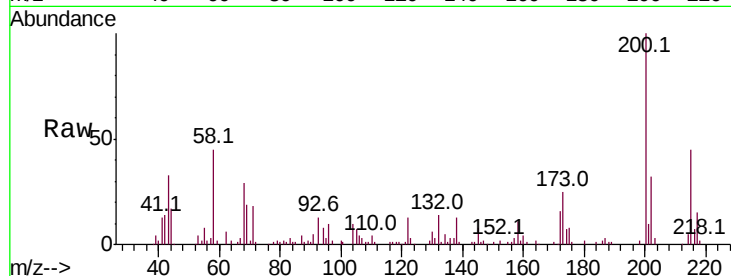
Tot Ion:200 Resp: 63264

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

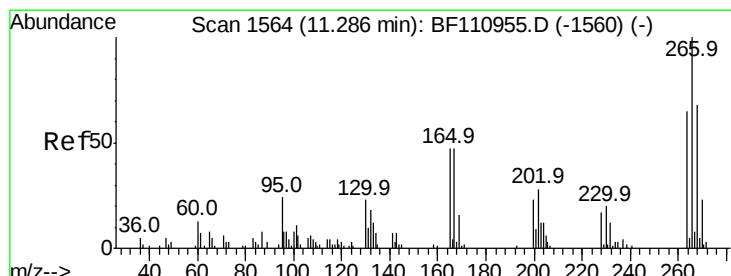
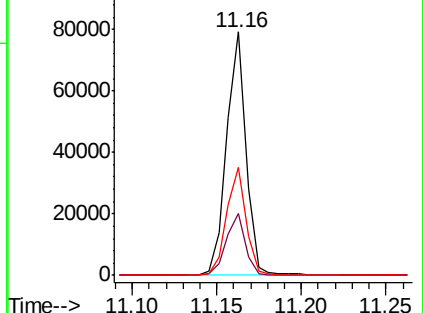
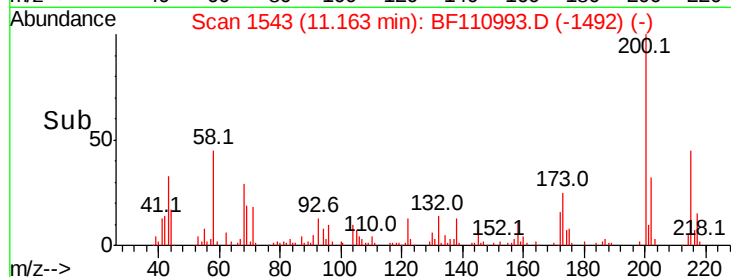
215 44.6 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.628 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

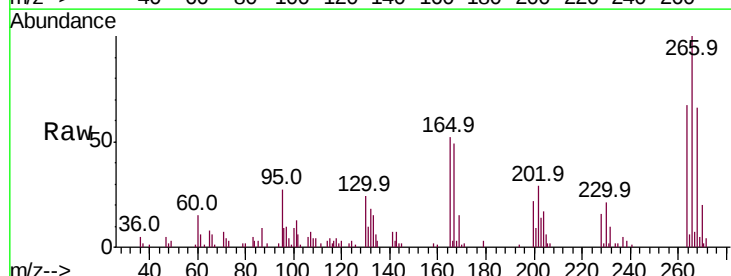
Tgt Ion:266 Resp: 41847

Ion Ratio Lower Upper

266 100

268 66.0 50.6 75.8

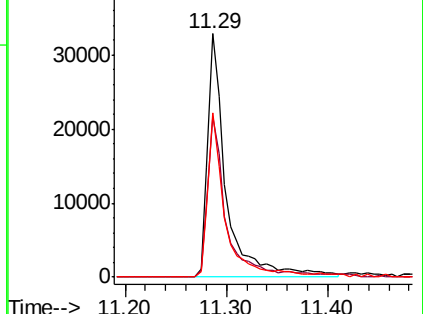
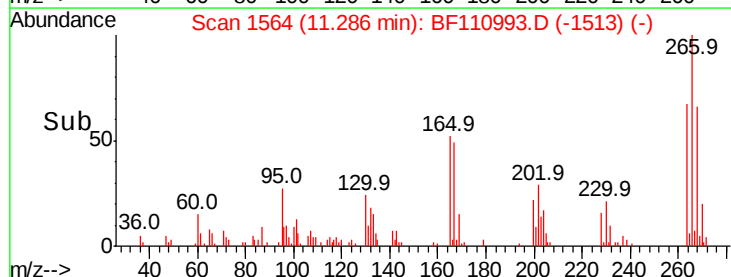
264 67.3 50.6 75.8

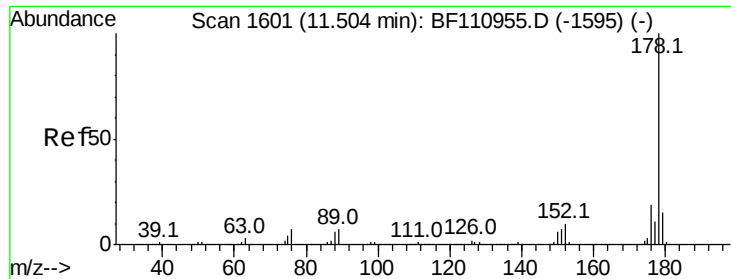


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

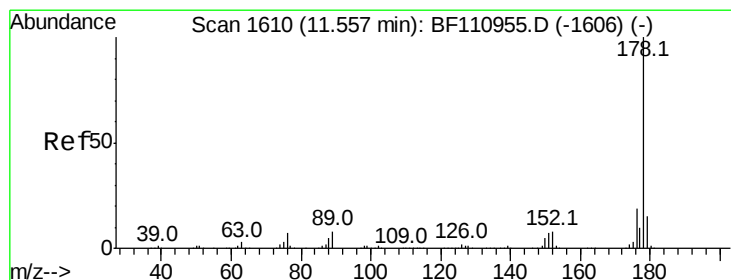
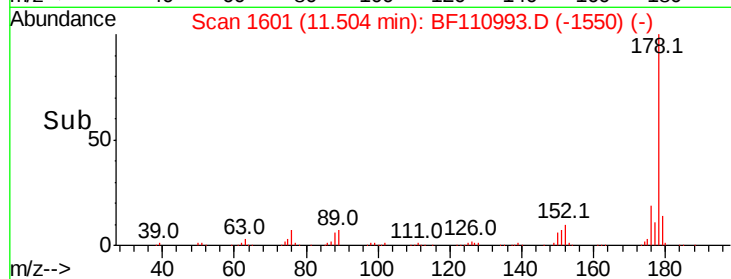
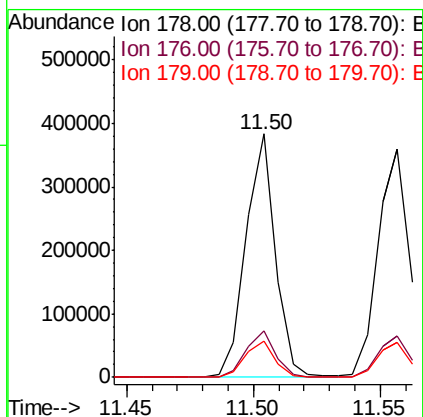
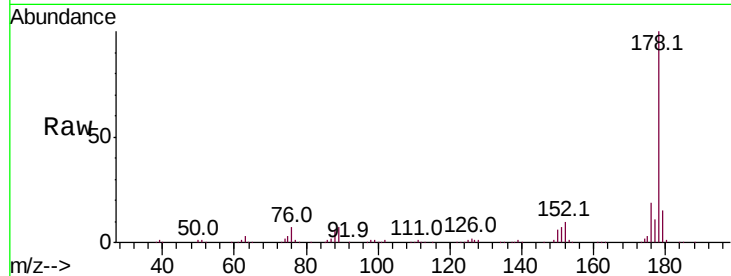




#71
 Phenanthrene
 Concen: 40.598 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

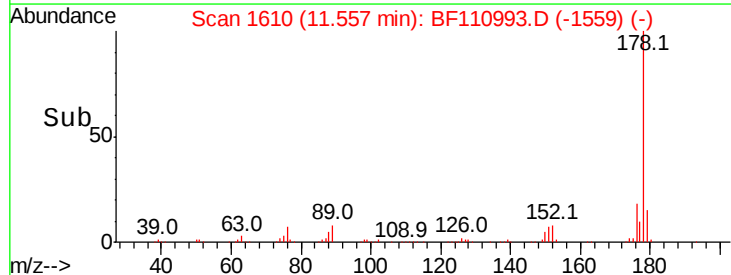
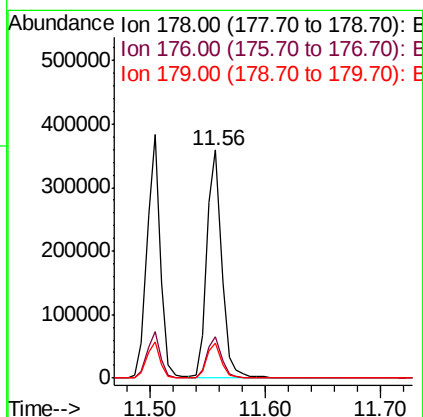
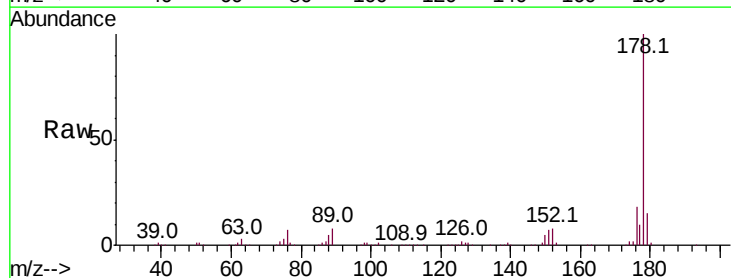
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

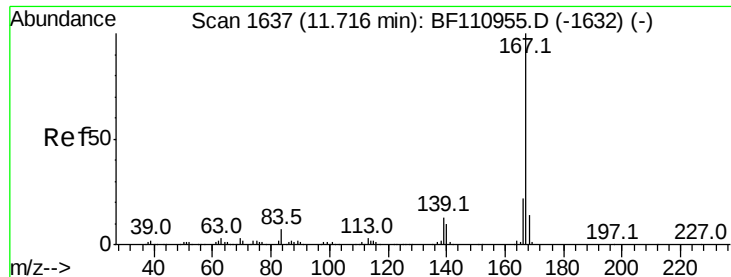
Tot Ion:178 Resp: 311304
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.1 12.5 18.7



#72
 Anthracene
 Concen: 41.818 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion:178 Resp: 326554
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.3 12.6 18.8

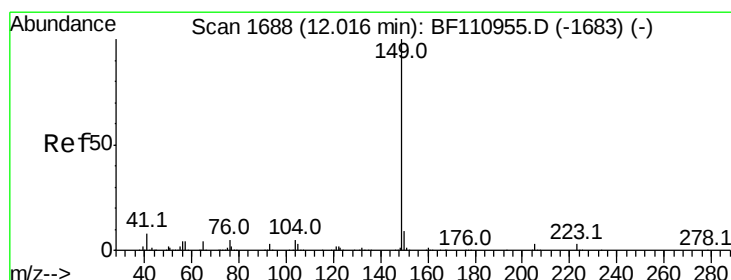
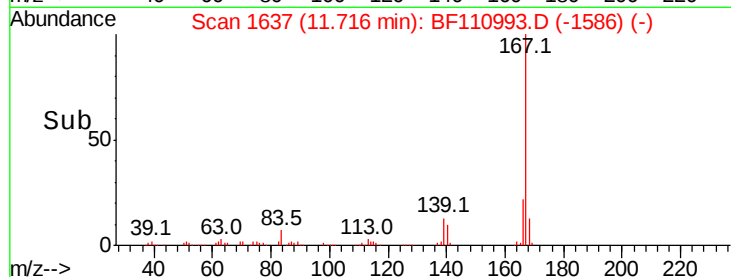
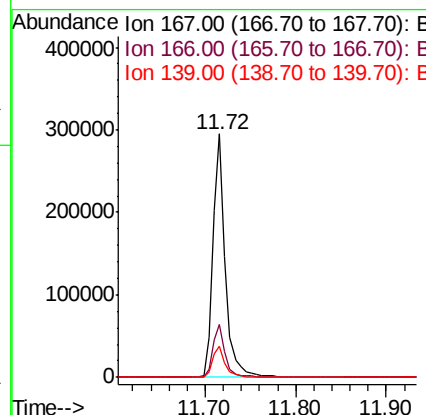
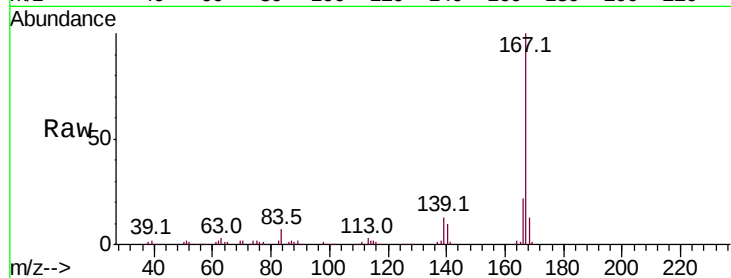




#73
 Carbazole
 Concen: 37.497 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

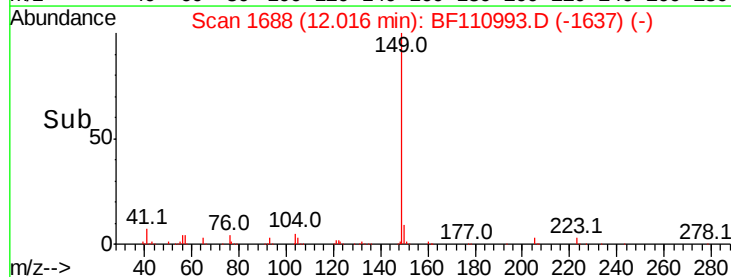
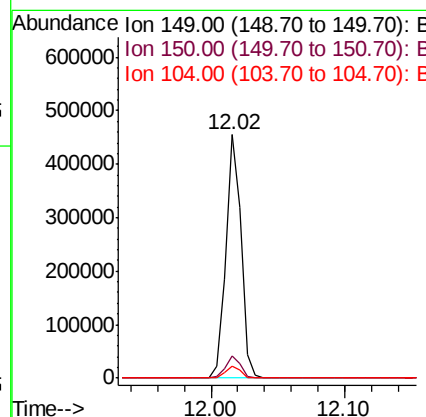
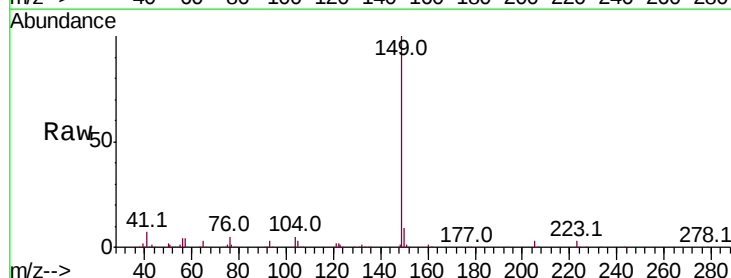
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

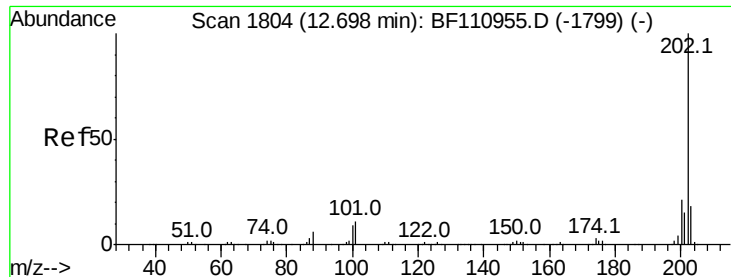
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.9	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 41.426 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4

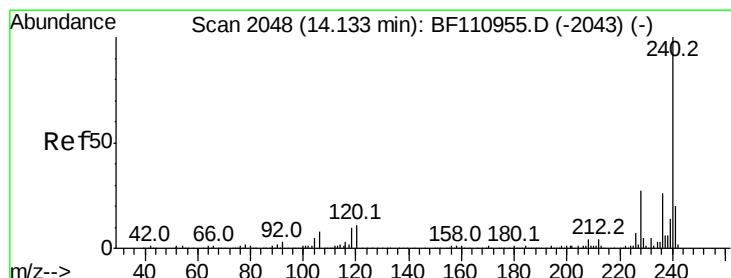
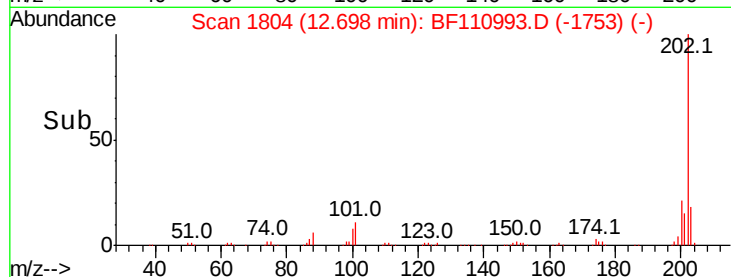
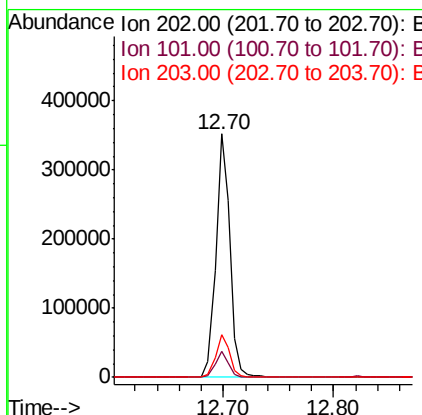
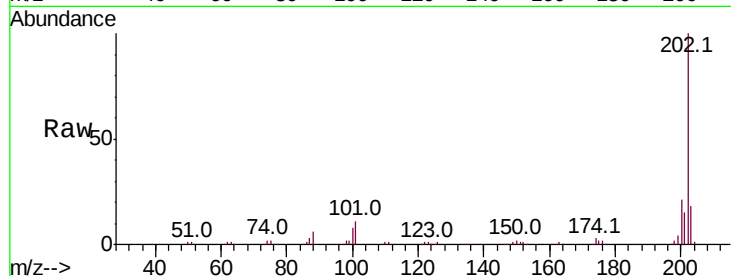




#75
Fluoranthene
 Concen: 38.936 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

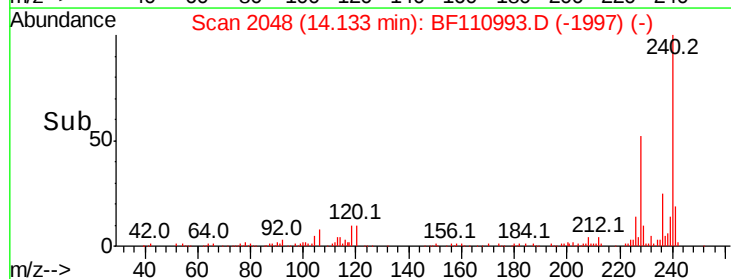
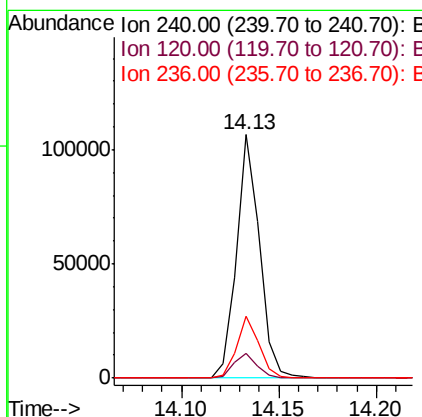
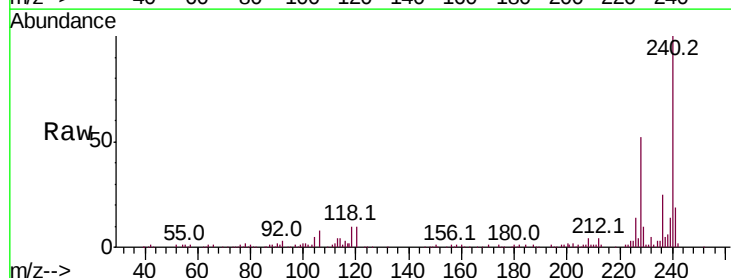
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BS

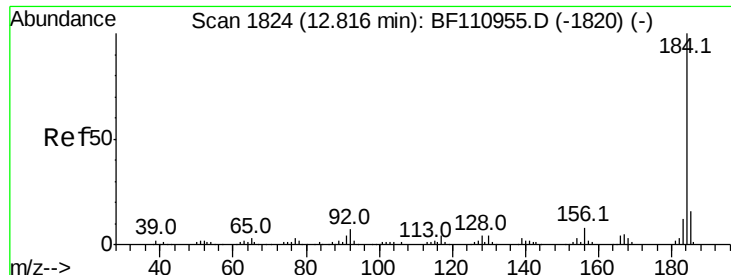
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.6	0.0	37.7



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110993.D
 Acq: 27 Nov 2018 5:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.4	21.2	31.8





#77

Benzidine

Concen: 110.228 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

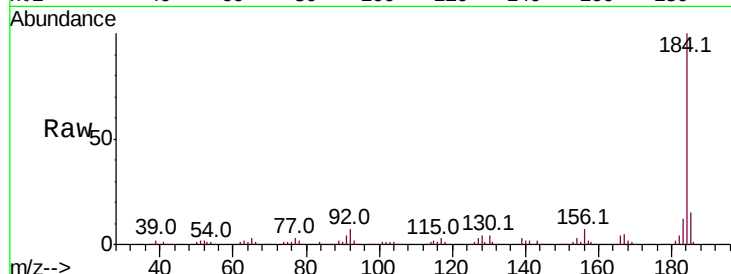
Tot Ion:184 Resp: 245101

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

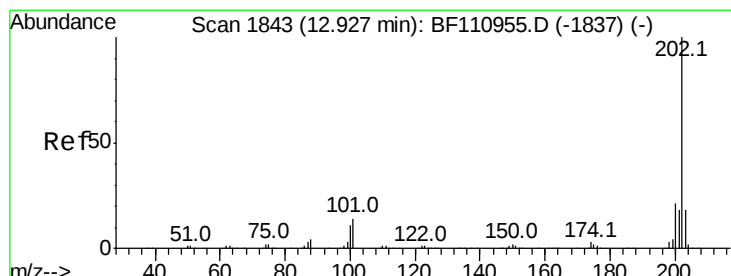
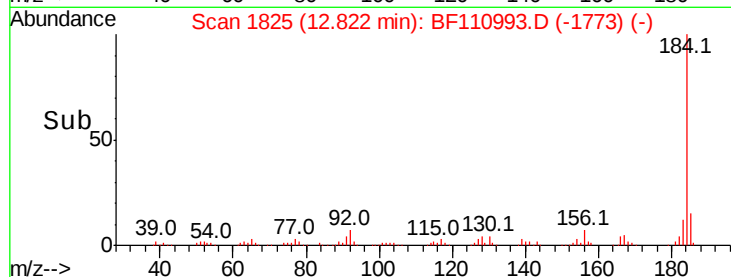
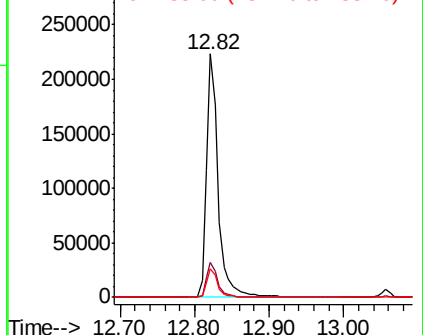
183 11.7 9.4 14.2



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: 47.466 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

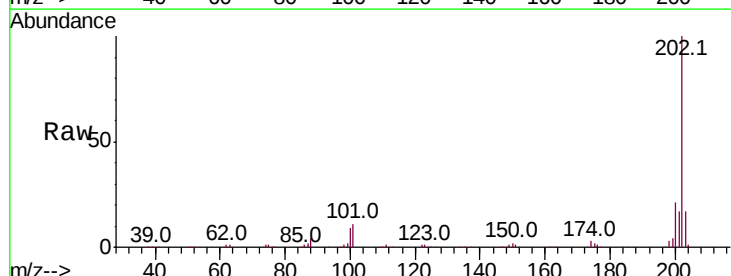
Tgt Ion:202 Resp: 301379

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

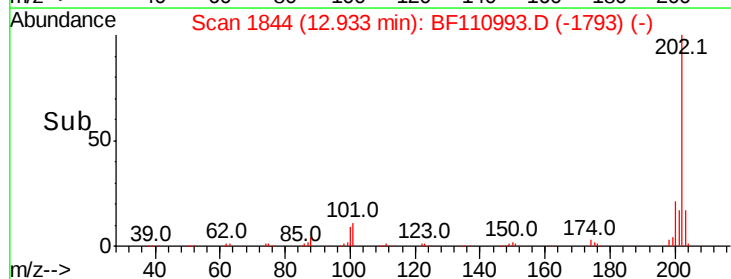
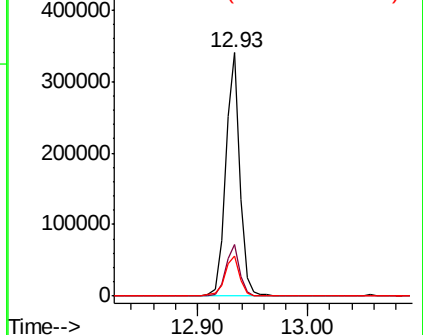
203 16.6 14.2 21.4

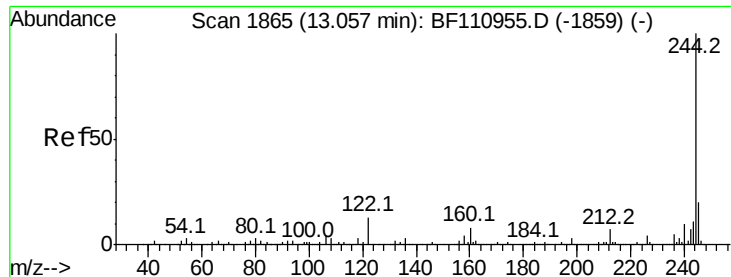


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.128 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

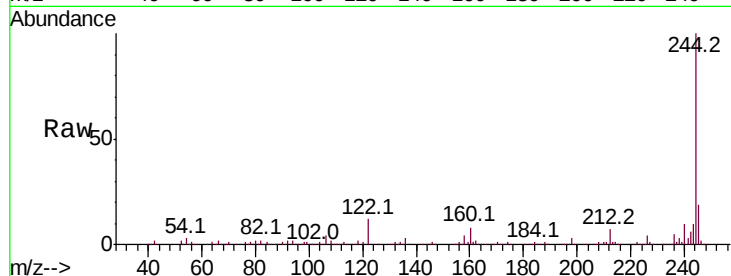
Tot Ion:244 Resp: 415892

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

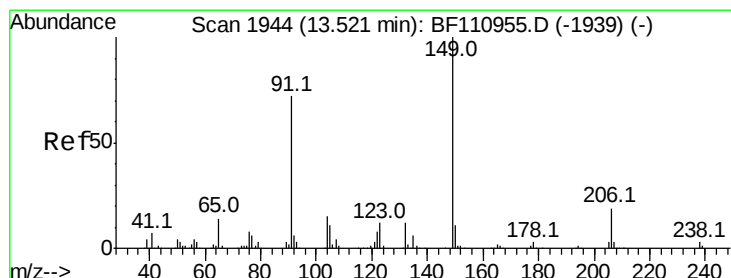
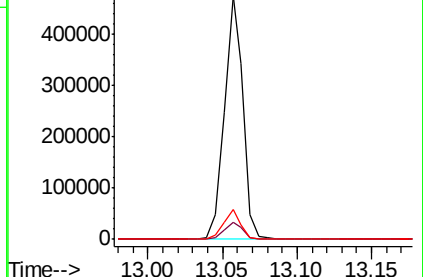
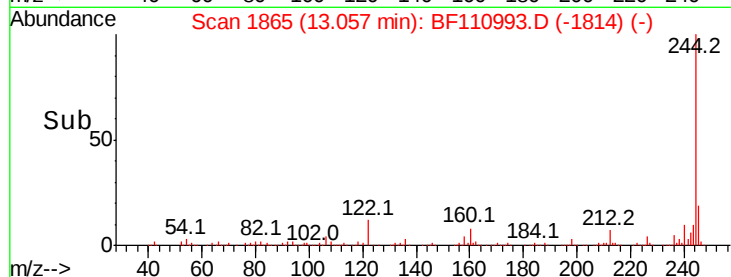
122 12.3 8.7 13.1



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: 49.505 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

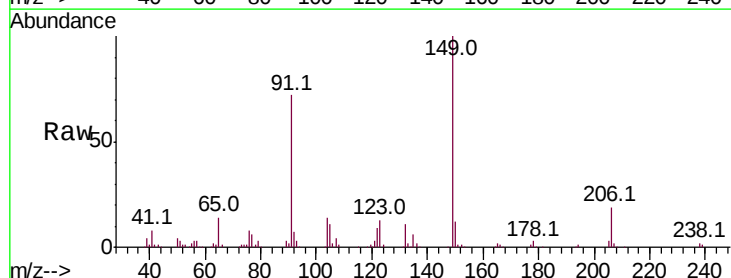
Tgt Ion:149 Resp: 141912

Ion Ratio Lower Upper

149 100

91 72.1 57.2 85.8

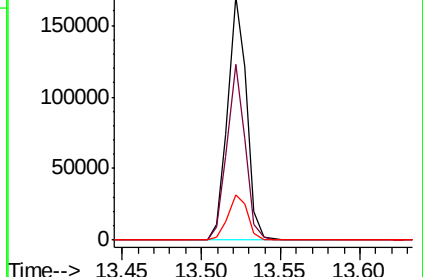
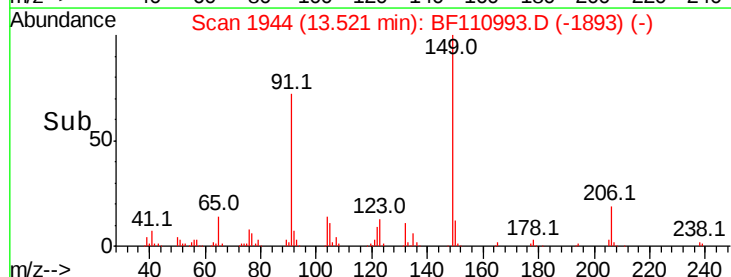
206 18.8 15.7 23.5

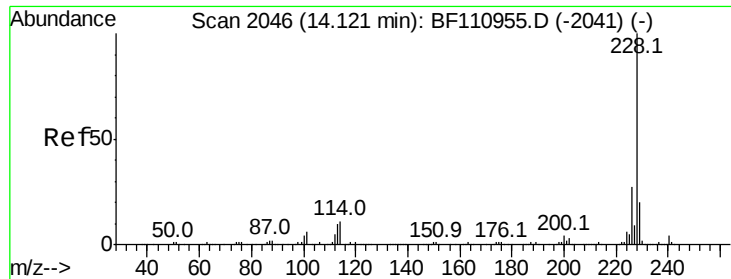


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.584 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

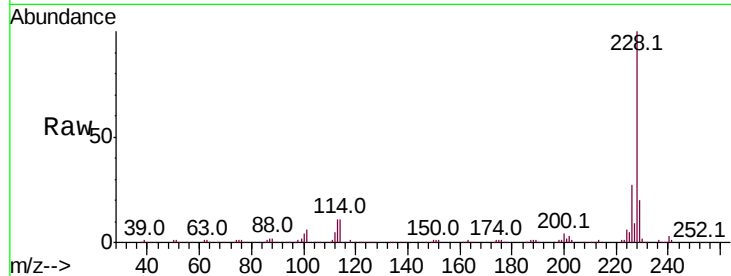
Tot Ion:228 Resp: 213426

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

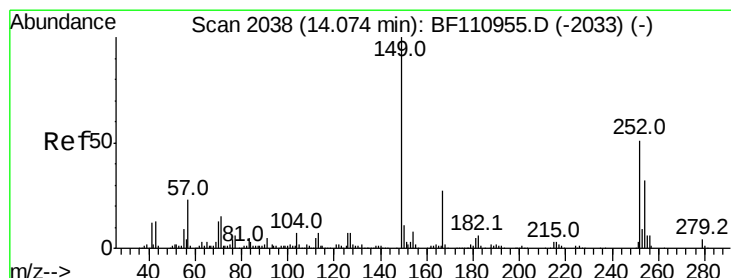
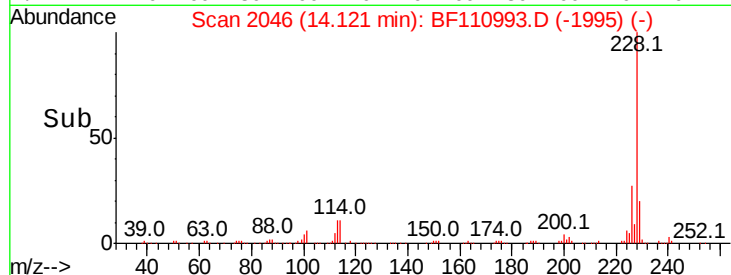
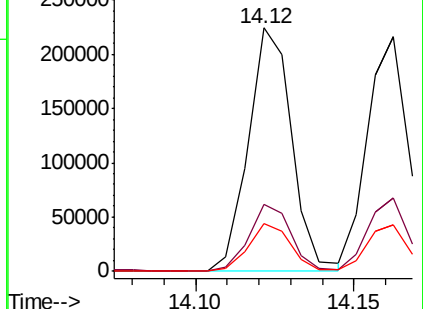
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.414 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

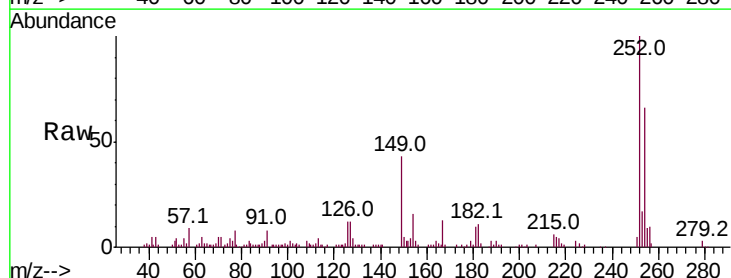
Tgt Ion:252 Resp: 76401

Ion Ratio Lower Upper

252 100

254 66.5 51.3 76.9

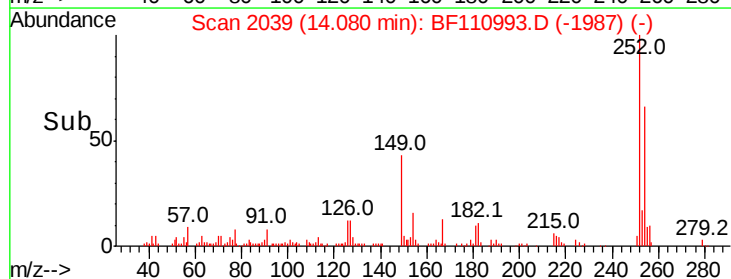
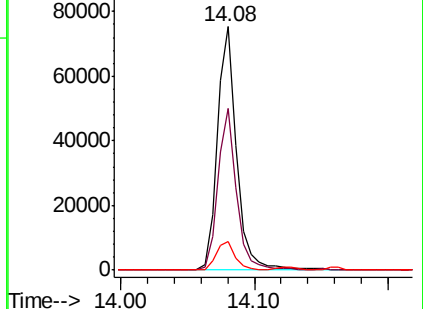
126 11.6 9.4 14.2

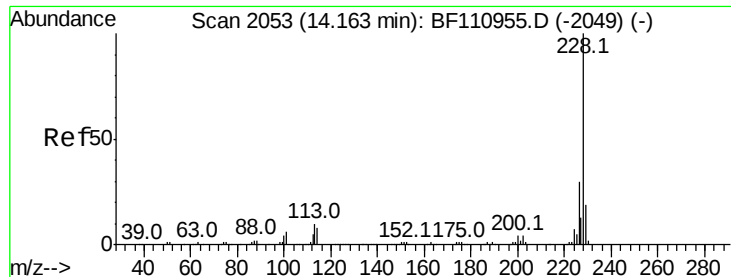


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.539 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

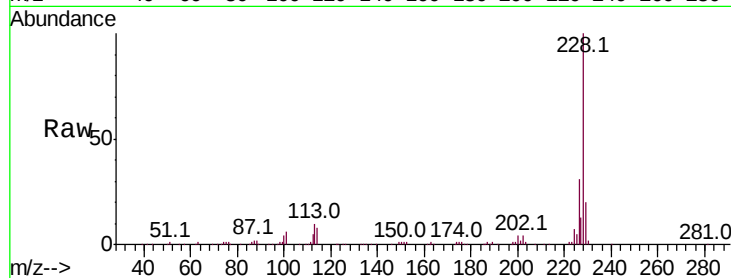
Tot Ion:228 Resp: 199769

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

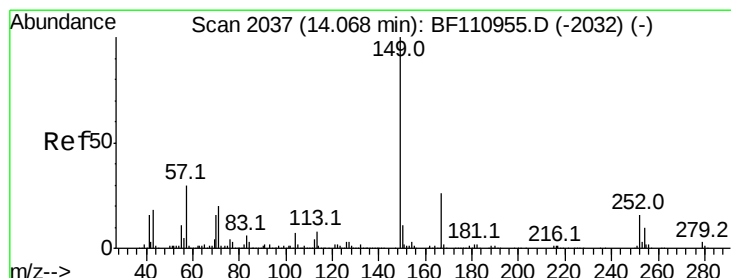
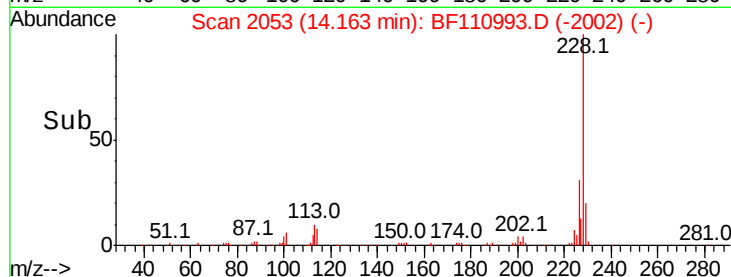
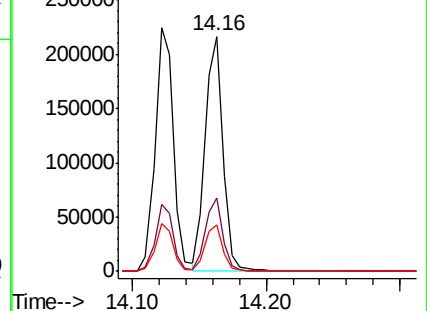
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.441 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

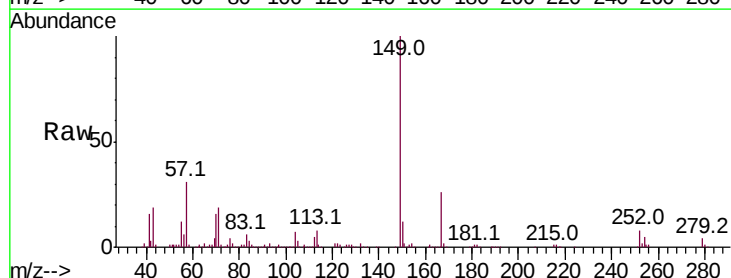
Tgt Ion:149 Resp: 185031

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

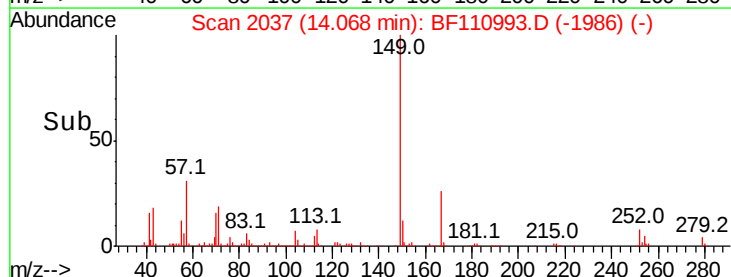
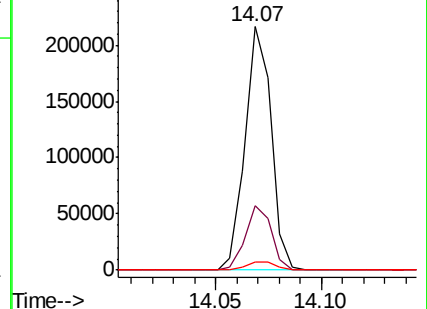
279 3.6 2.7 4.1

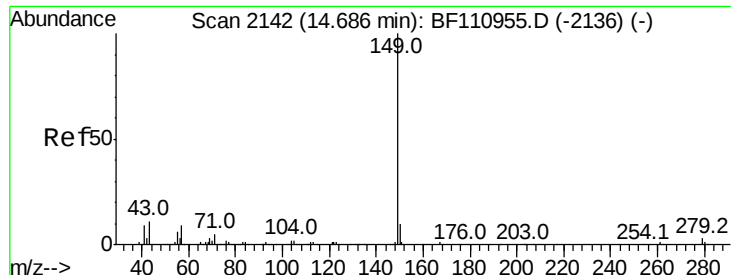


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.546 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

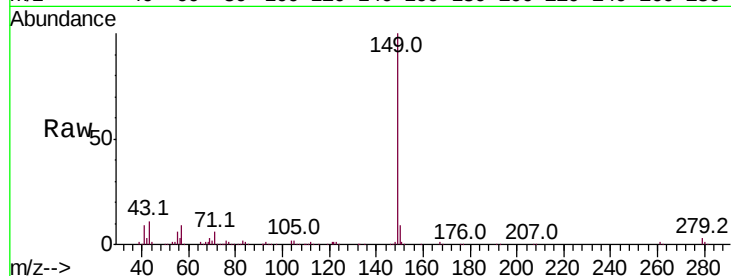
Tot Ion:149 Resp: 274622

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

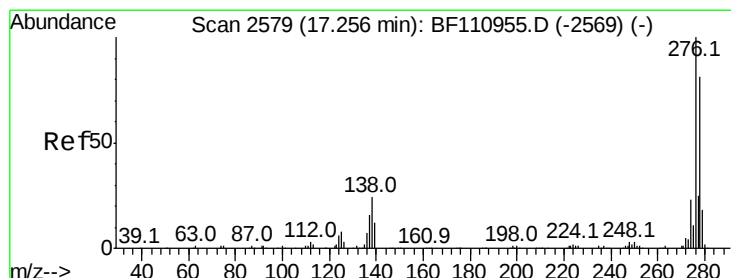
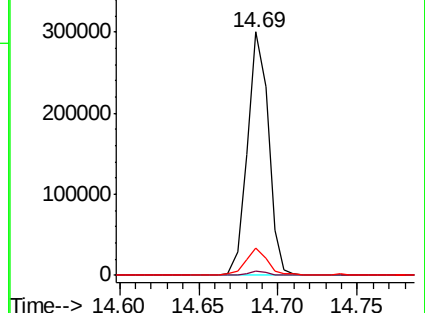
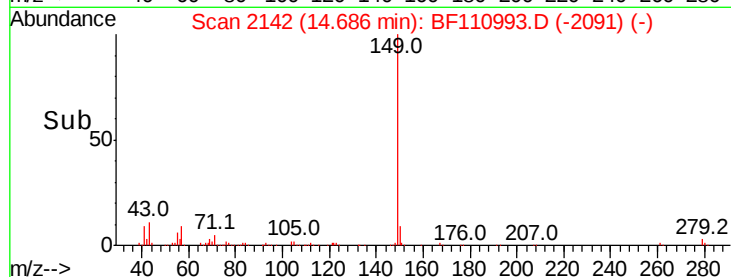
43 10.8 7.8 11.8



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: 40.803 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

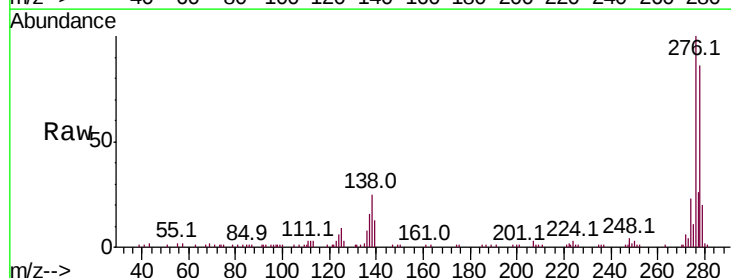
Tgt Ion:276 Resp: 147978

Ion Ratio Lower Upper

276 100

138 24.8 18.5 27.7

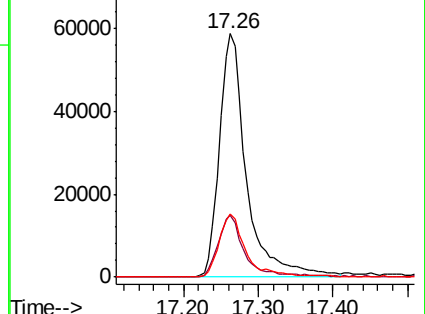
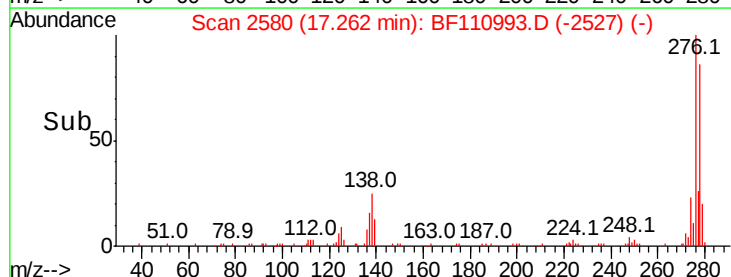
277 25.9 20.0 30.0

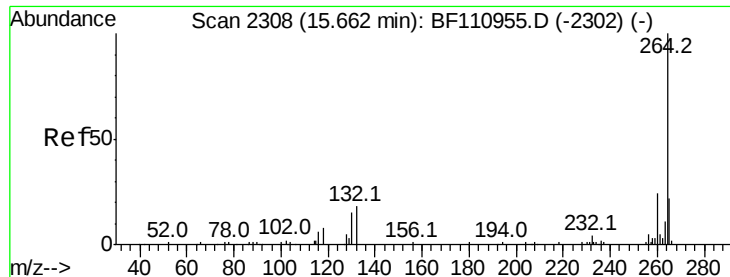


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

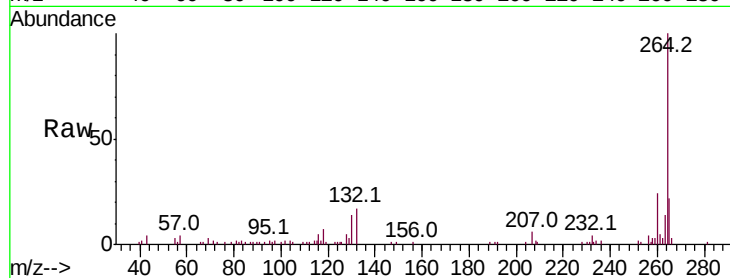
Tot Ion:264 Resp: 65117

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

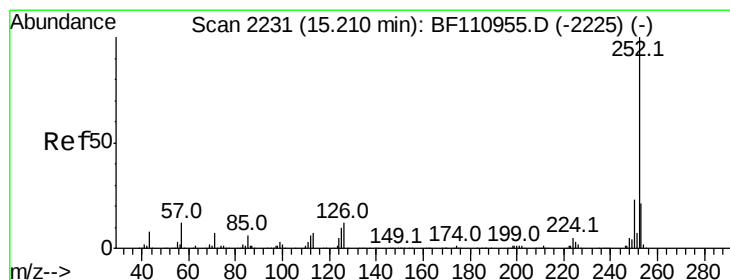
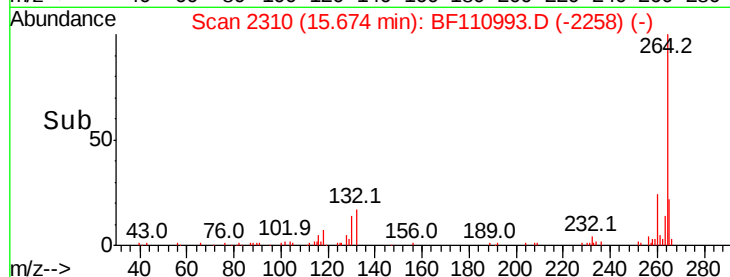
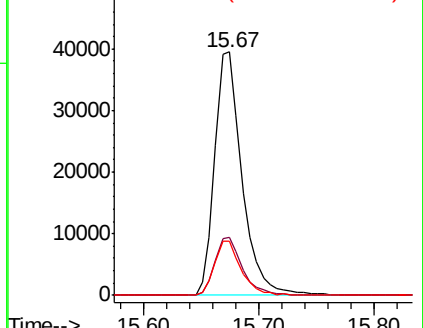
265 22.2 16.7 25.1



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: 42.217 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

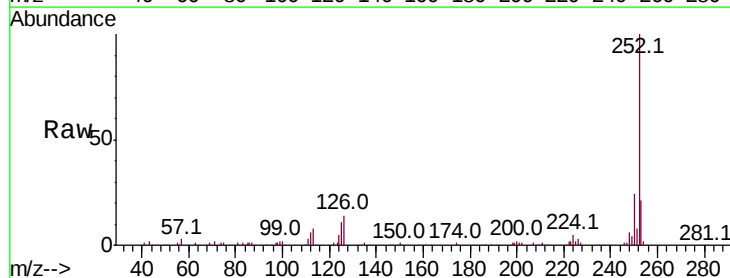
Tgt Ion:252 Resp: 161496

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

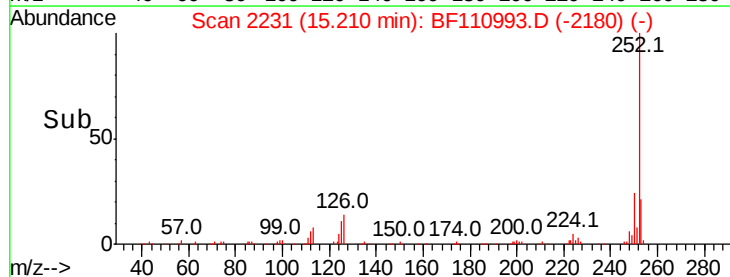
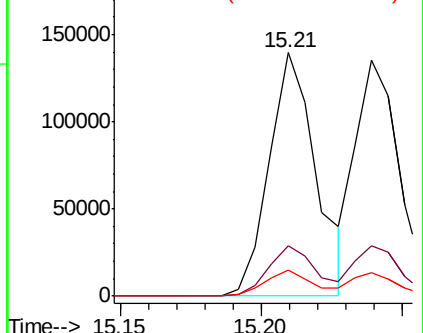
125 10.7 8.2 12.4

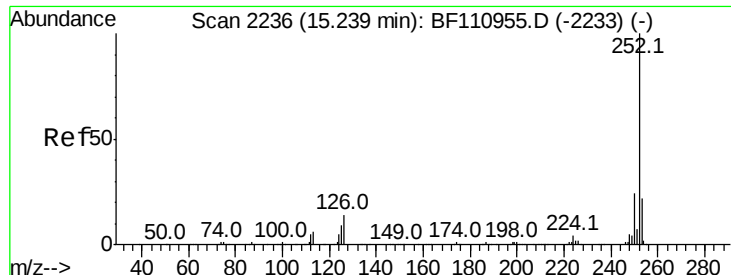


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.607 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

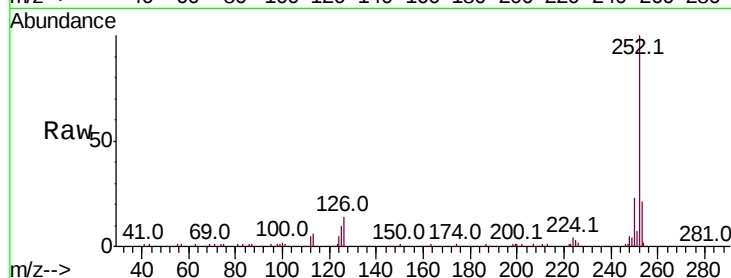
Tot Ion:252 Resp: 152013

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

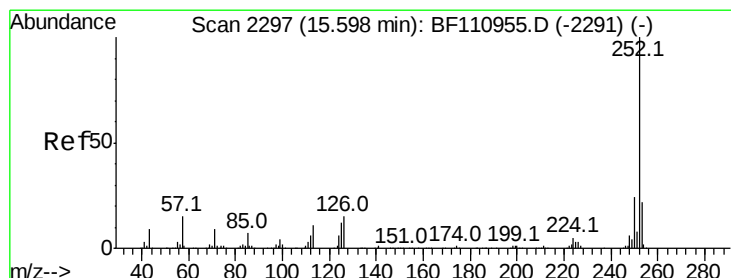
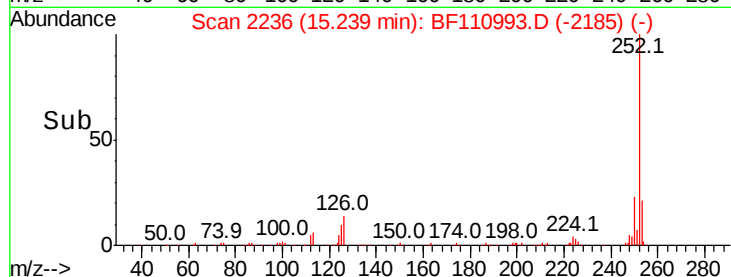
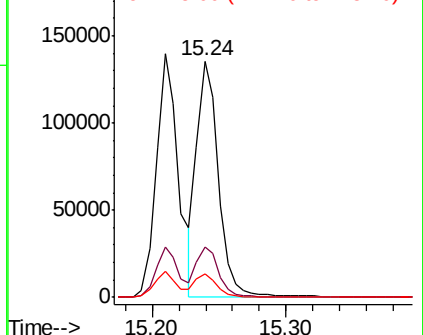
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.012 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

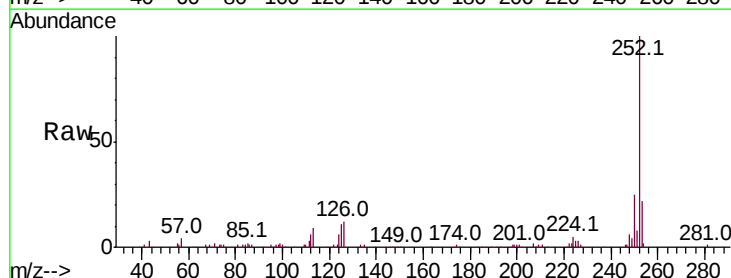
Tgt Ion:252 Resp: 149596

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

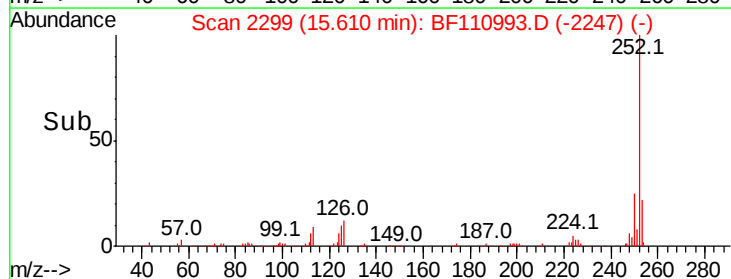
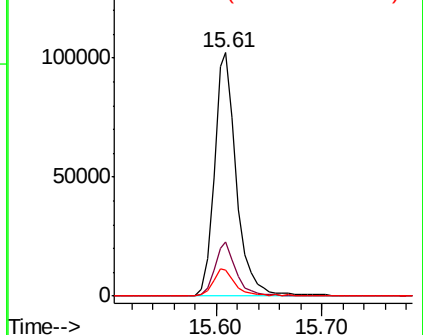
125 10.5 9.0 13.6

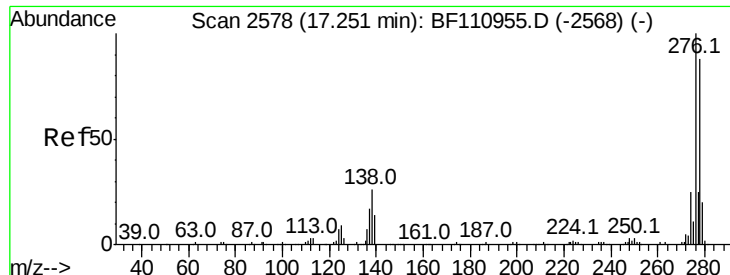


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.144 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

Instrument :

BNA_F

ClientSampleId :

PB115071BS

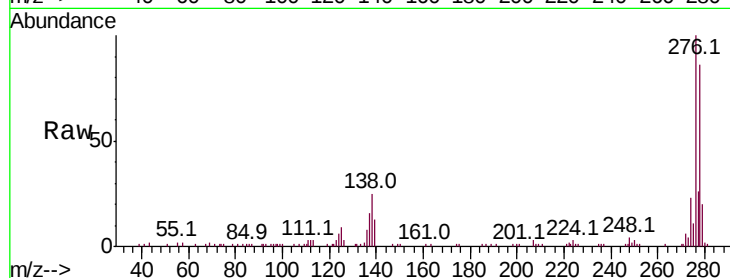
Tot Ion:278 Resp: 129692

Ion Ratio Lower Upper

278 100

139 14.9 12.7 19.1

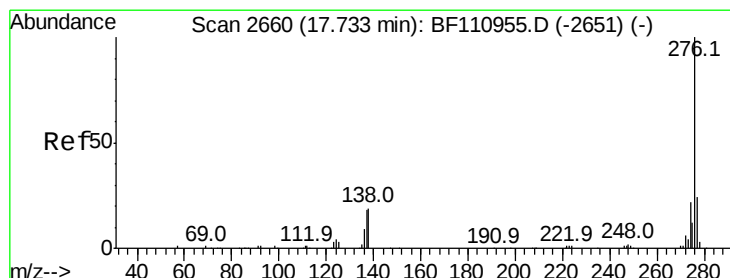
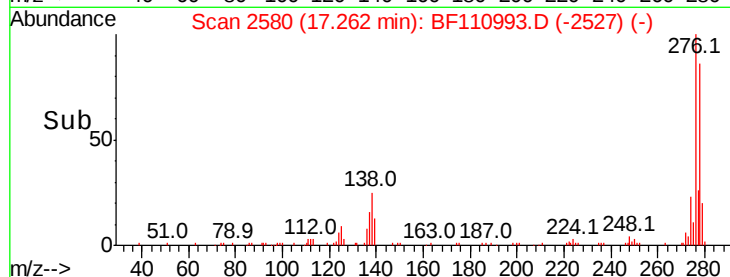
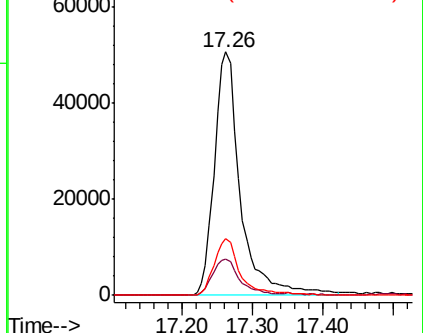
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.536 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.01 min

Lab File: BF110993.D

Acq: 27 Nov 2018 5:42

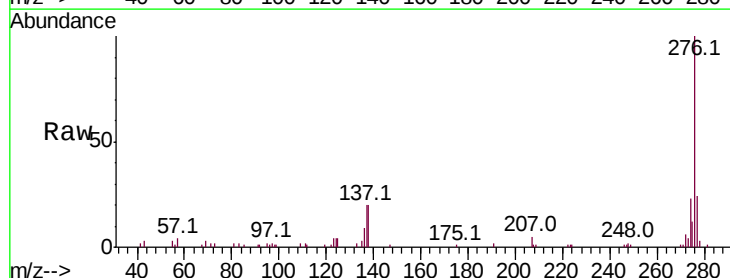
Tgt Ion:276 Resp: 117659

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

