

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105040.D
 Acq On : 2 May 2018 19:23
 Operator : JU/SJ
 Sample : PB108708BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Quant Time: May 03 04:24:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83076	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347335	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	153980	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	255413	20.00	ng	0.00
75) Chrysene-d12	14.05	240	183843	20.00	ng	0.02
86) Perylene-d12	15.64	264	148157	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	593126	109.17	ng	0.00
7) Phenol-d6	6.43	99	711081	106.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	430387	80.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	170362	106.66	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	831269	85.28	ng	0.00
78) Terphenyl-d14	12.92	244	700425	86.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	62194	24.567	ng	87
3) Pyridine	3.29	79	176069	24.736	ng	86
4) n-Nitrosodimethylamine	3.24	42	67599	27.169	ng	# 82
6) Aniline	6.46	93	89090	9.606	ng	# 88
8) 2-Chlorophenol	6.58	128	190280	33.181	ng	91
9) Benzaldehyde	6.34	77	59877	13.960	ng	99
10) Phenol	6.45	94	219018	30.921	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	167074	29.559	ng	93
12) 1,3-Dichlorobenzene	6.73	146	198312	30.526	ng	98
13) 1,4-Dichlorobenzene	6.80	146	202614	31.287	ng	99
14) 1,2-Dichlorobenzene	6.96	146	190117	31.679	ng	99
15) Benzyl Alcohol	6.94	79	146809	28.955	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	187516	24.703	ng	55
17) 2-Methylphenol	7.05	107	152073	30.508	ng	95
18) Hexachloroethane	7.30	117	60628	26.258	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	116349	26.672	ng	92
20) 3+4-Methylphenols	7.21	107	201752	32.634	ng	# 88
22) Acetophenone	7.20	105	253713	29.670	ng	# 97
24) Nitrobenzene	7.38	77	185781	31.634	ng	93
25) Isophorone	7.62	82	331333	29.456	ng	99
26) 2-Nitrophenol	7.69	139	90965	38.048	ng	95
27) 2,4-Dimethylphenol	7.73	122	165225	33.283	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	216296	31.451	ng	99
29) 2,4-Dichlorophenol	7.94	162	156967	33.139	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	161165	31.004	ng	99
31) Naphthalene	8.10	128	536121	30.998	ng	99
32) Benzoic acid	7.86	122	68880	17.390	ng	96
33) 4-Chloroaniline	8.15	127	46704	6.303	ng	96
34) Hexachlorobutadiene	8.20	225	87832	30.848	ng	99
35) Caprolactam	8.52	113	48239	29.194	ng	# 73
36) 4-Chloro-3-methylphenol	8.64	107	162947	32.083	ng	99
37) 2-Methylnaphthalene	8.79	142	356267	31.845	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	152414	34.578	ng	98
40) Hexachlorocyclopentadiene	8.93	237	9186	3.723	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	99035	32.366	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	107716	31.459	ng	93
45) 1,1'-Biphenyl	9.25	154	422075	32.629	ng	99
46) 2-Chloronaphthalene	9.28	162	324054	31.716	ng	99
47) 2-Nitroaniline	9.38	65	92774	36.717	ng	95
48) Acenaphthylene	9.69	152	484846	30.245	ng	99
49) Dimethylphthalate	9.55	163	389488	32.076	ng	100
50) 2,6-Dinitrotoluene	9.62	165	81185	36.133	ng	96
51) Acenaphthene	9.86	154	284098	29.046	ng	99
52) 3-Nitroaniline	9.79	138	43837	16.666	ng	96
53) 2,4-Dinitrophenol	9.92	184	10942	20.992	ng	# 23
54) Dibenzofuran	10.04	168	424134	31.116	ng	99
55) 4-Nitrophenol	9.97	139	100171	48.480	ng	96
56) 2,4-Dinitrotoluene	10.03	165	99922	33.904	ng	98
57) Fluorene	10.38	166	334845	33.750	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	76546	29.965	ng	94
59) Diethylphthalate	10.25	149	378408	31.291	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	161554	36.563	ng	99
61) 4-Nitroaniline	10.41	138	72880	28.337	ng	97
62) Azobenzene	10.53	77	320422	27.734	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	10678	14.617	ng	91
65) n-Nitrosodiphenylamine	10.49	169	298944	33.757	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	93634	34.465	ng	90
67) Hexachlorobenzene	10.93	284	98049	32.074	ng	# 90
68) Atrazine	11.02	200	94292	35.274	ng	99
69) Pentachlorophenol	11.13	266	74636	39.465	ng	98
70) Phenanthrene	11.35	178	439436	30.894	ng	97
71) Anthracene	11.40	178	463184	32.035	ng	98
72) Carbazole	11.56	167	415131	29.382	ng	99
73) Di-n-butylphthalate	11.88	149	554243	32.113	ng	99
74) Fluoranthene	12.55	202	428067	28.805	ng	97
76) Benzidine	12.67	184	242253	38.446	ng	97
77) Pyrene	12.77	202	423128	31.051	ng	99
79) Butylbenzylphthalate	13.41	149	207437	32.311	ng	97
80) Benzo(a)anthracene	14.04	228	371885	33.860	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	125244	30.584	ng	96
82) Chrysene	14.08	228	352547	31.251	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	292330	35.401	ng	100
84) Di-n-octyl phthalate	14.72	149	486646	35.270	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.13	276	262562	27.398	ng	95
87) Benzo(b)fluoranthene	15.20	252	294705	31.495	ng	100
88) Benzo(k)fluoranthene	15.23	252	308404	34.910	ng	98
89) Benzo(a)pyrene	15.58	252	276228	32.992	ng	99
90) Dibenzo(a,h)anthracene	17.14	278	223006	32.431	ng	98
91) Benzo(g,h,i)perylene	17.58	276	208375	31.278	ng	95

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

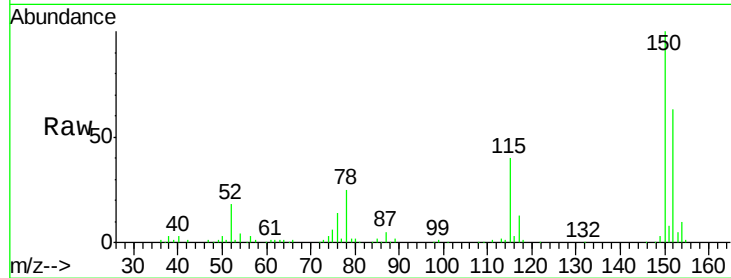


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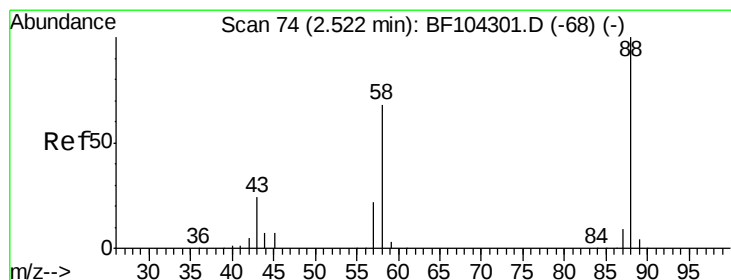
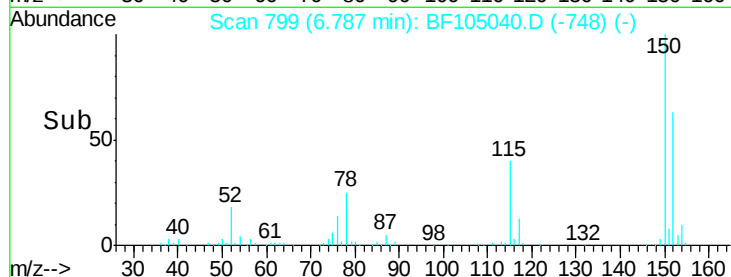
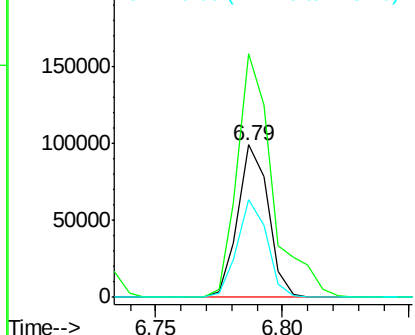
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion:152 Resp: 83076
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 64.3 50.1 75.1



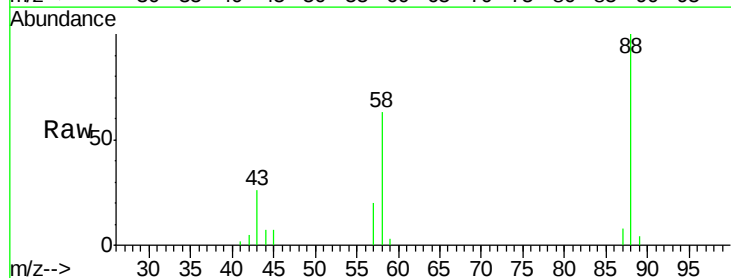
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



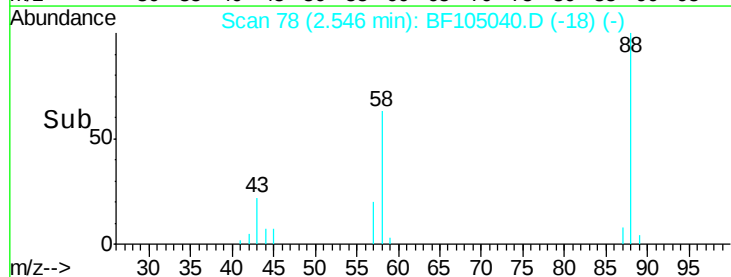
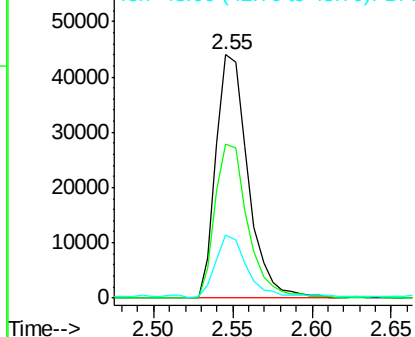
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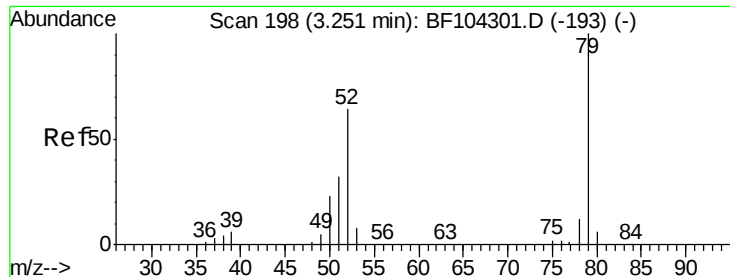
1,4-Dioxane
 Concen: 24.567 ng
 RT: 2.55 min Scan# 78
 Delta R.T. 0.05 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion: 88 Resp: 62194
 Ion Ratio Lower Upper
 88 100
 58 64.7 62.6 93.8
 43 27.5 24.6 37.0



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: 24.736 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

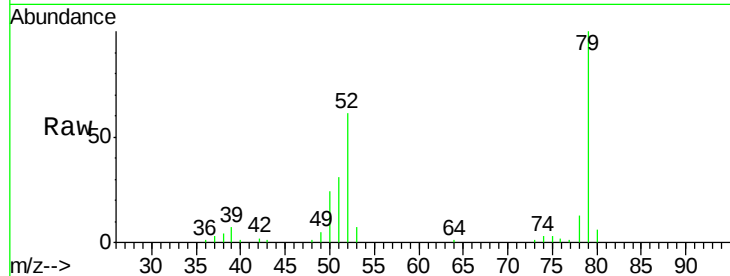
Tot Ion: 79 Resp: 176069

Ion Ratio Lower Upper

79 100

52 61.1 59.8 89.6

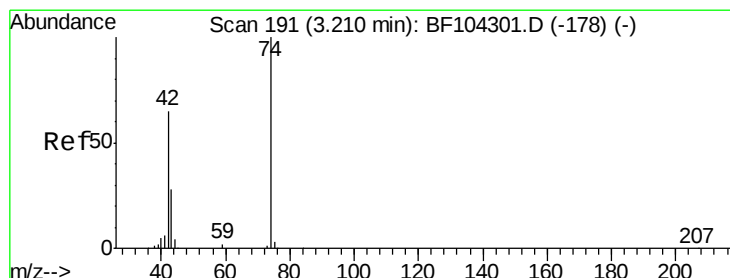
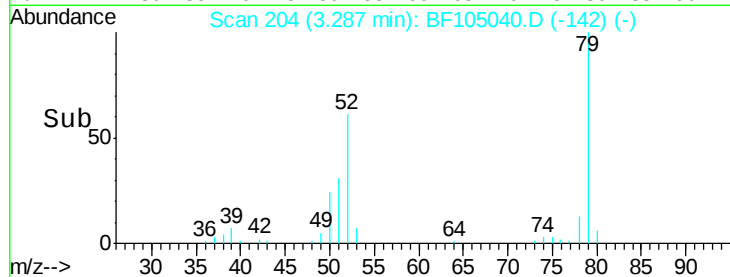
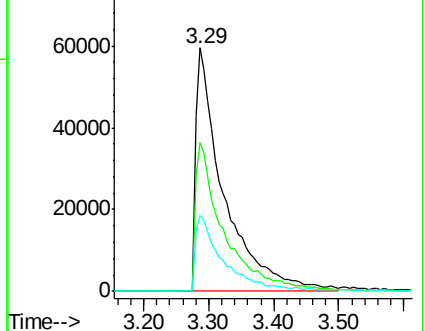
51 31.1 29.8 44.8



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: 27.169 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.03 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

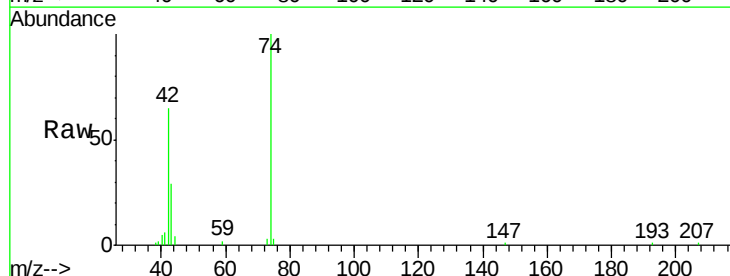
Tgt Ion: 42 Resp: 67599

Ion Ratio Lower Upper

42 100

74 152.8 104.9 157.3

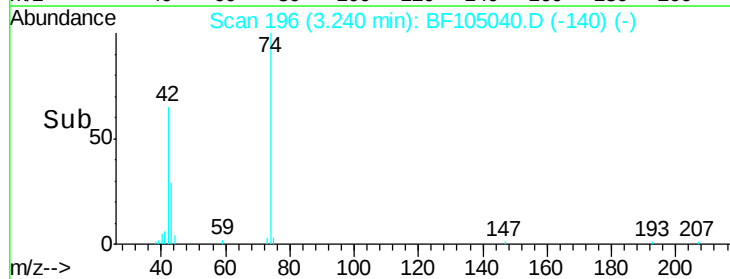
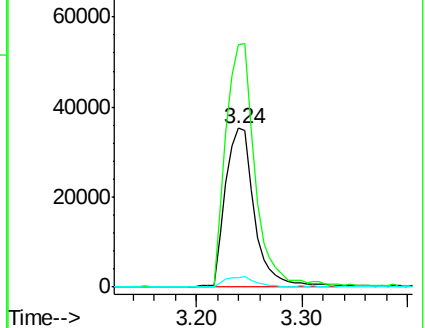
44 6.2 6.9 10.3#



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: 109.168 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

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ClientSampleId :

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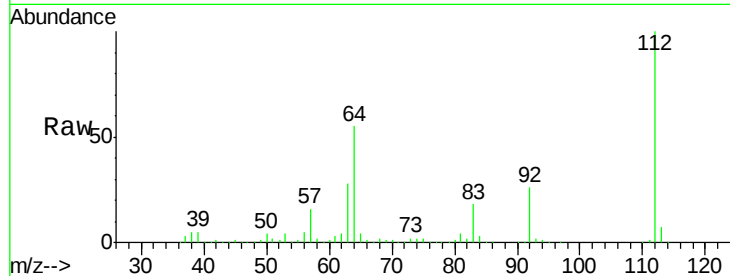
Tot Ion:112 Resp: 593126

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

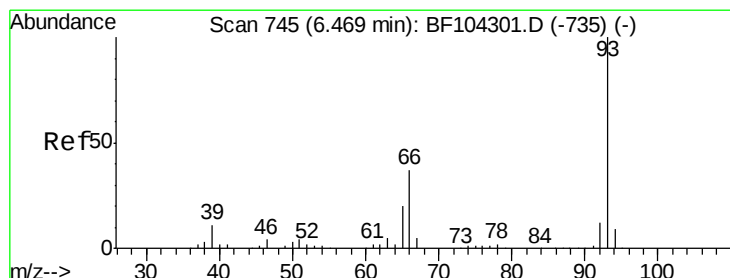
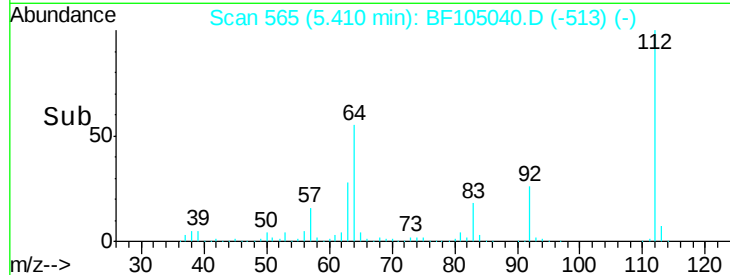
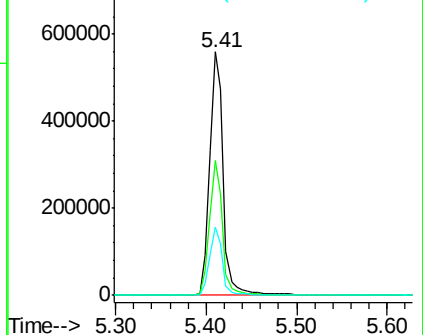
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.606 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

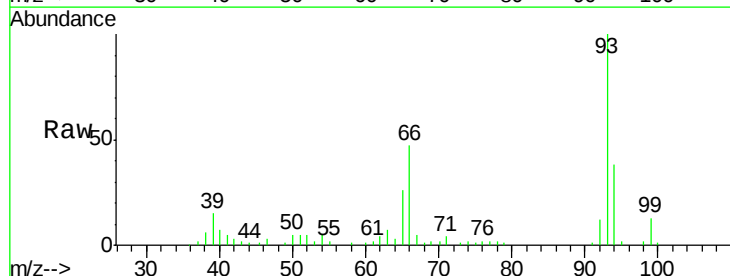
Tgt Ion: 93 Resp: 89090

Ion Ratio Lower Upper

93 100

66 47.4 32.2 48.2

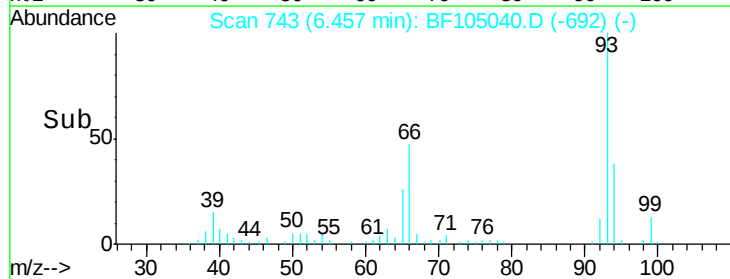
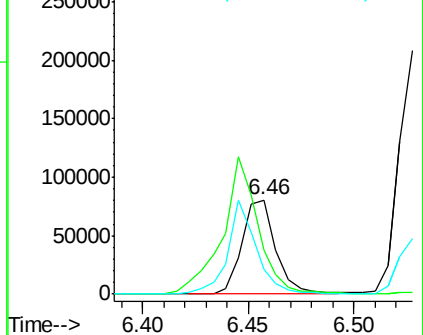
65 25.7 16.4 24.6#



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: 106.520 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

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ClientSampleId :

PB108708BS

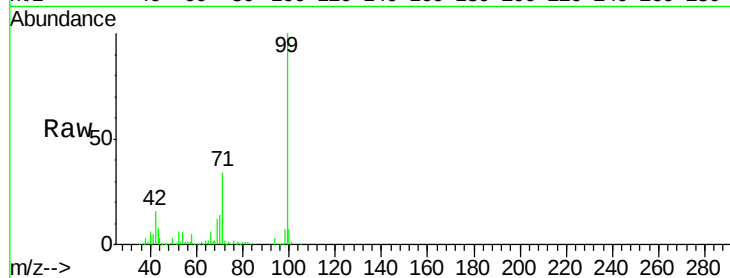
Tot Ion: 99 Resp: 711081

Ion Ratio Lower Upper

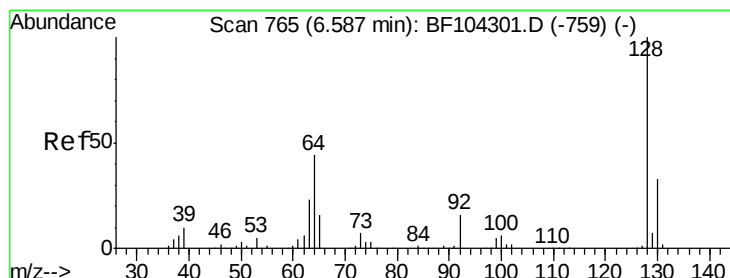
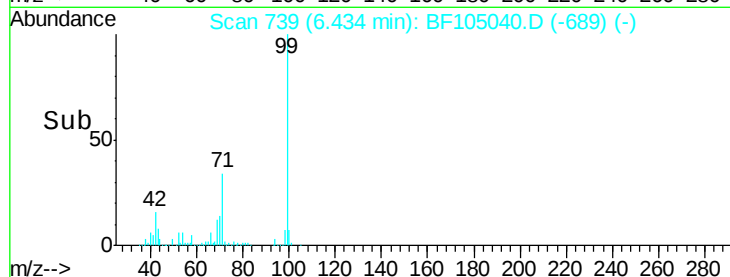
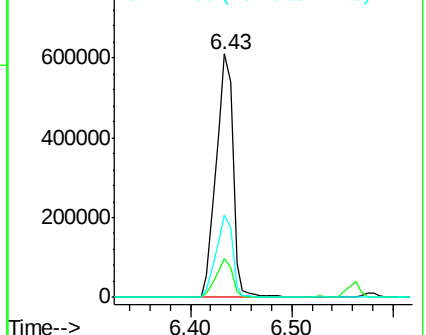
99 100

42 16.0 14.5 21.7

71 34.1 25.4 38.0



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: 33.181 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

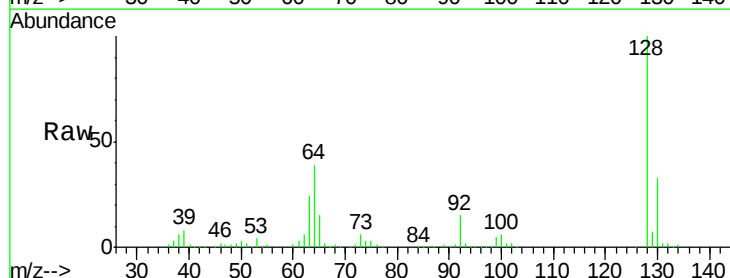
Tgt Ion: 128 Resp: 190280

Ion Ratio Lower Upper

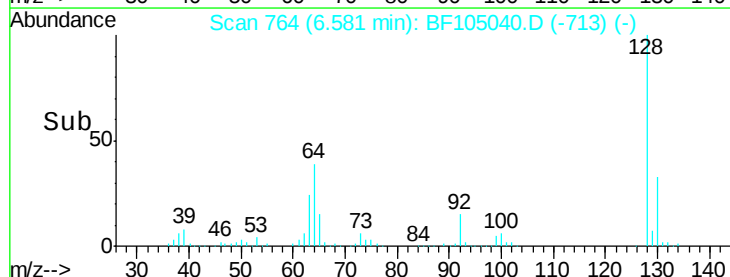
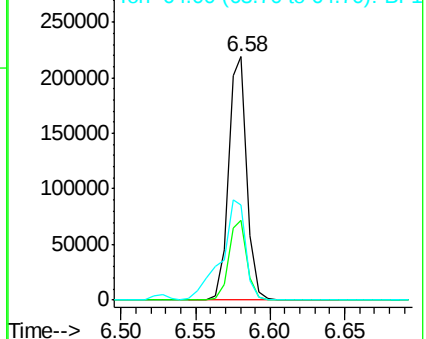
128 100

130 32.8 13.0 53.0

64 39.1 29.4 69.4



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

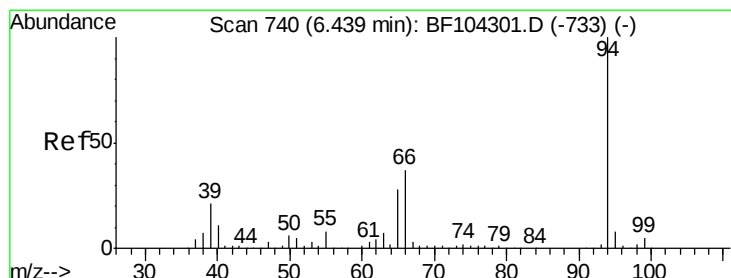
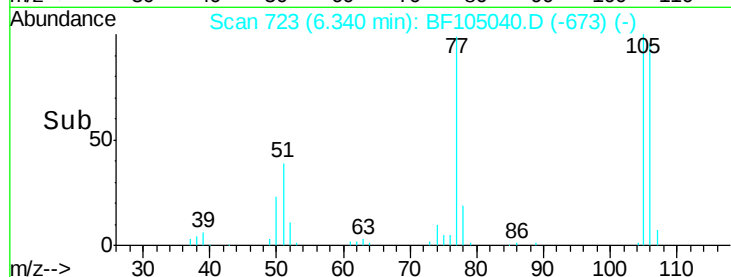
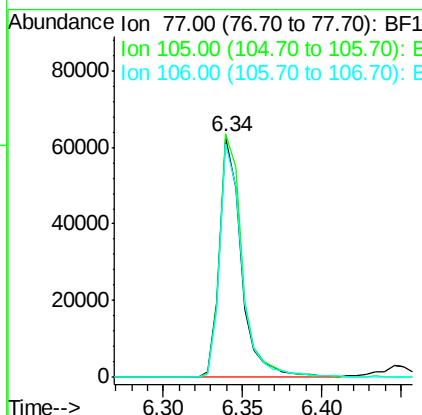
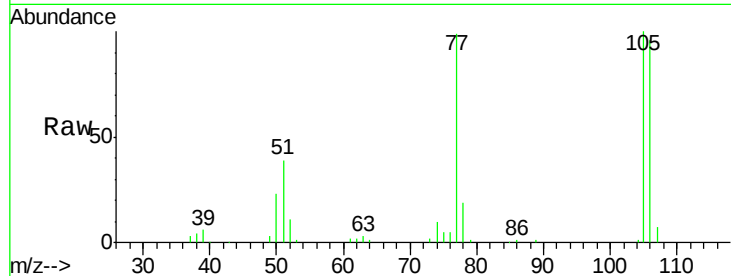




#9
Benzaldehyde
Concen: 13.960 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

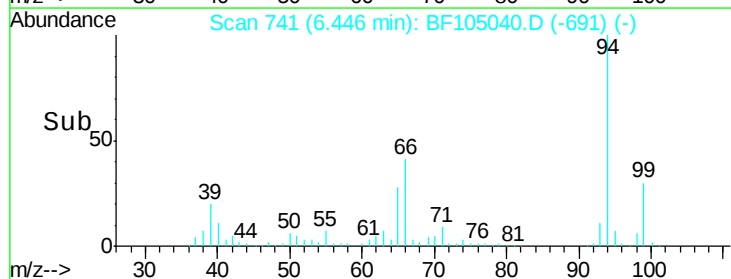
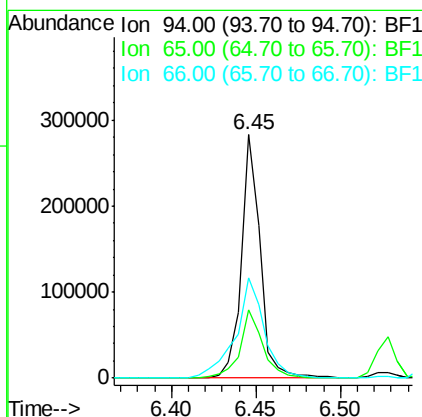
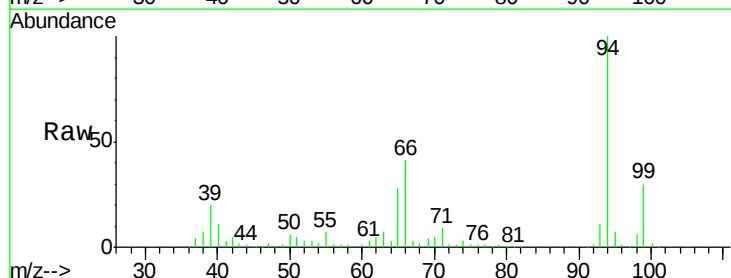
Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion: 77 Resp: 59877
Ion Ratio Lower Upper
77 100
105 101.3 81.1 121.1
106 97.2 74.5 114.5



#10
Phenol
Concen: 30.921 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion: 94 Resp: 219018
Ion Ratio Lower Upper
94 100
65 28.3 7.9 47.9
66 41.4 16.2 56.2

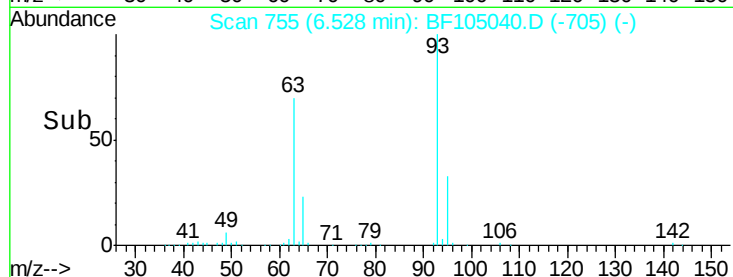
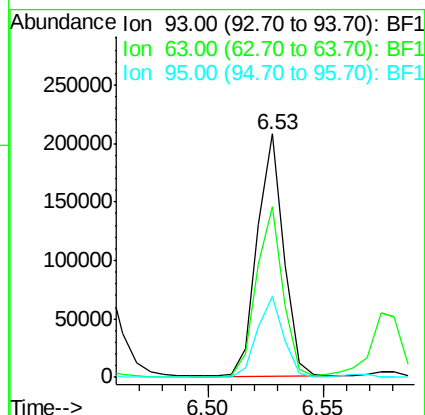
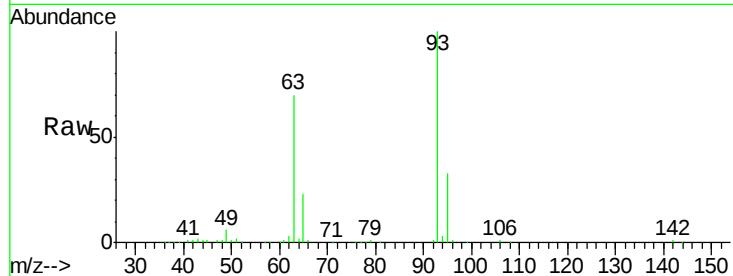




#11
 bis(2-Chloroethyl)ether
 Concen: 29.559 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

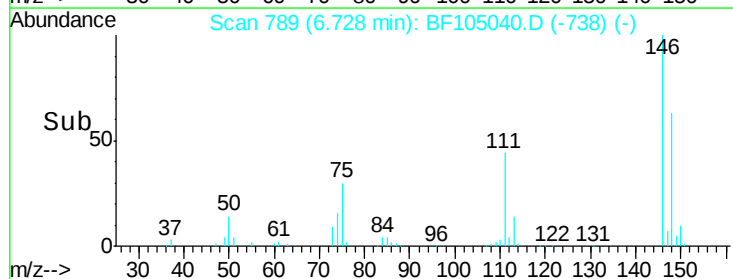
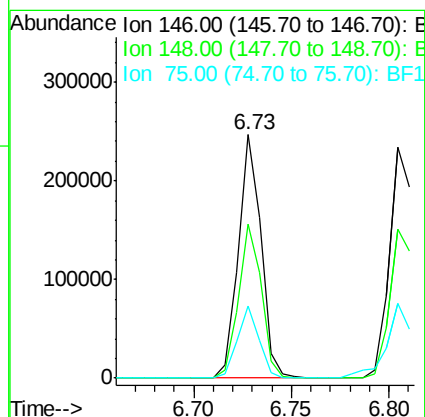
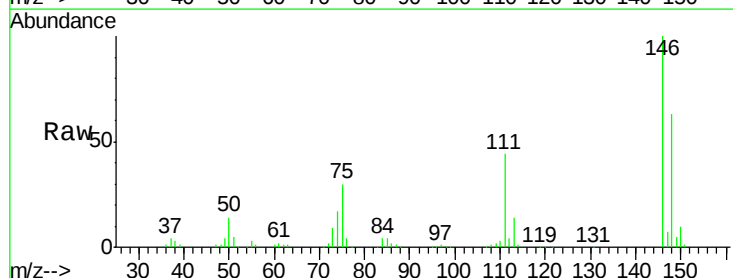
Instrument :
 BNA_F
 ClientSampleID :
 PB108708BS

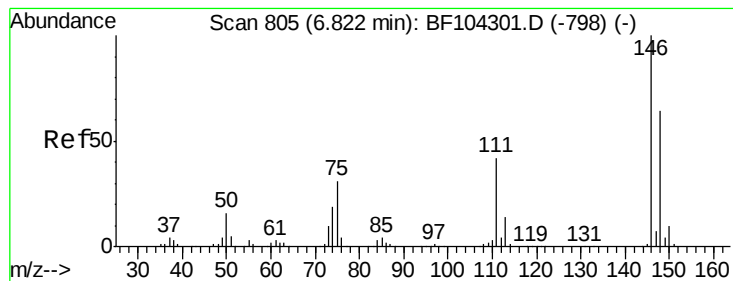
Tot Ion: 93 Resp: 167074
 Ion Ratio Lower Upper
 93 100
 63 70.3 58.6 98.6
 95 33.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 30.526 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion: 146 Resp: 198312
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.287 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

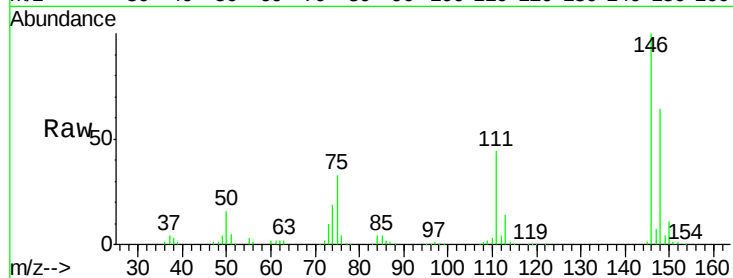
Tot Ion:146 Resp: 202614

Ion Ratio Lower Upper

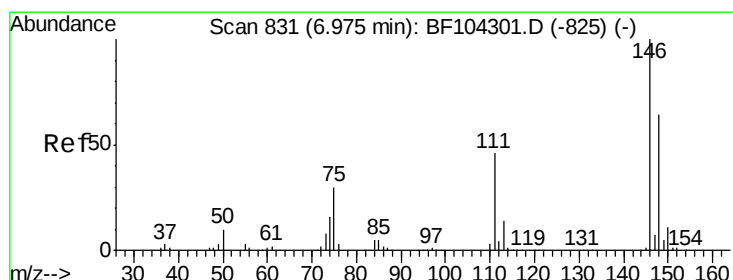
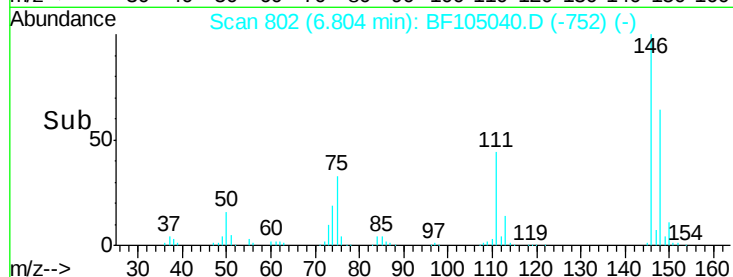
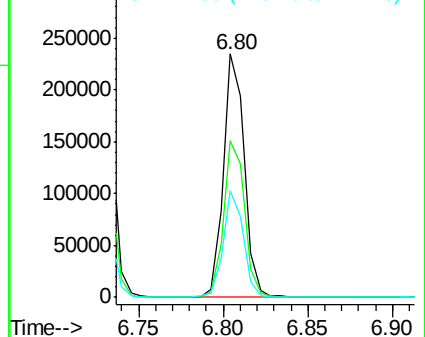
146 100

148 64.3 50.8 76.2

111 44.0 34.2 51.2



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: 31.679 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

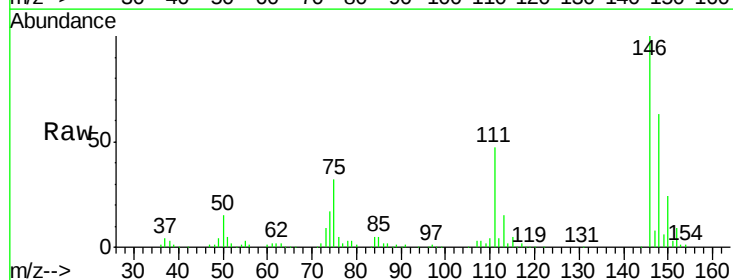
Tgt Ion:146 Resp: 190117

Ion Ratio Lower Upper

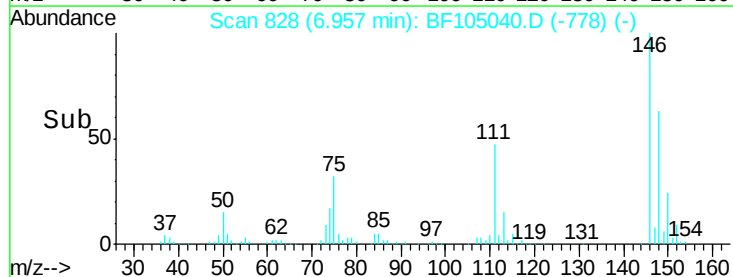
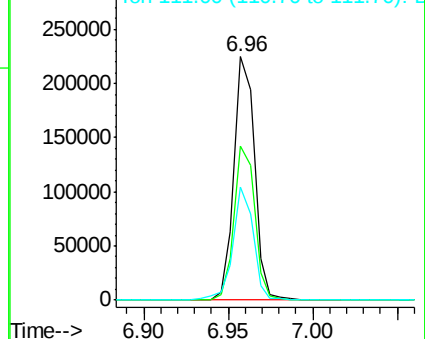
146 100

148 63.4 50.6 75.8

111 46.7 36.0 54.0



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: 28.955 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleID :

PB108708BS

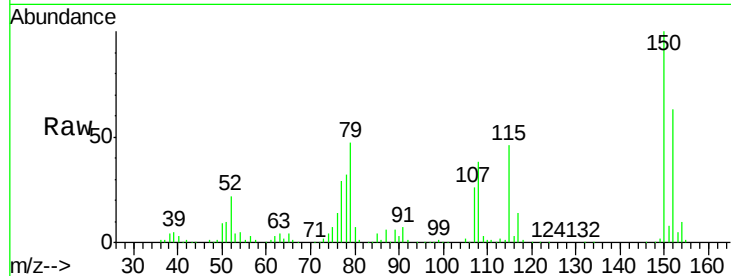
Tot Ion: 79 Resp: 146809

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

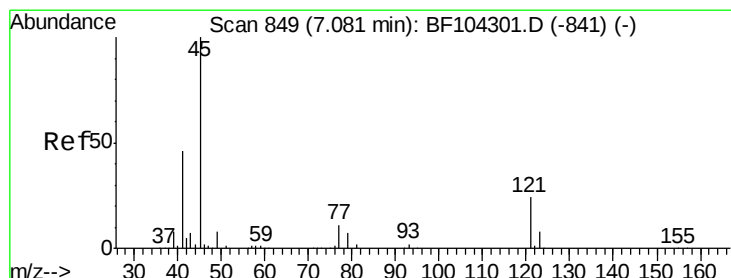
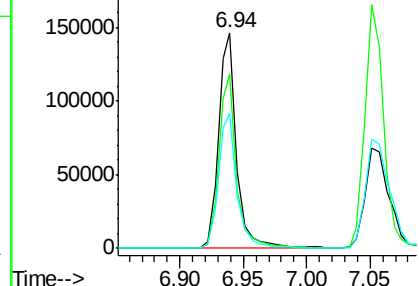
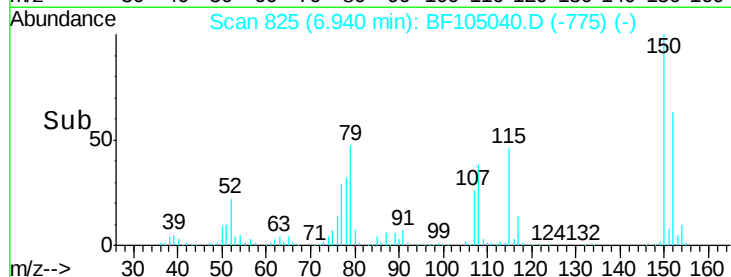
77 62.7 50.6 75.8



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: 24.703 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

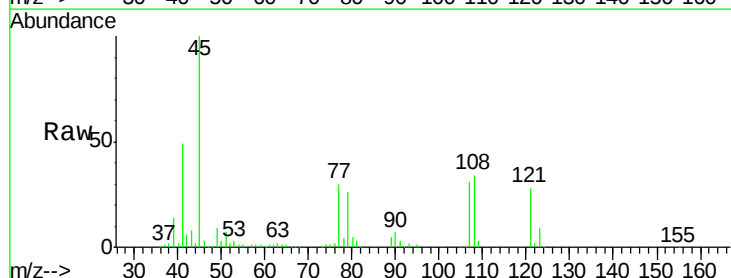
Tgt Ion: 45 Resp: 187516

Ion Ratio Lower Upper

45 100

77 30.3 0.0 32.9

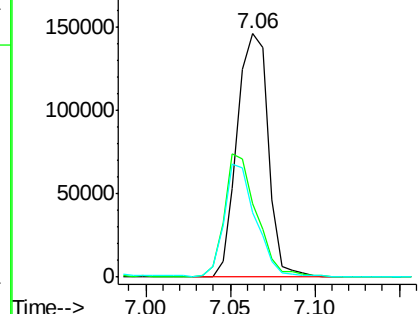
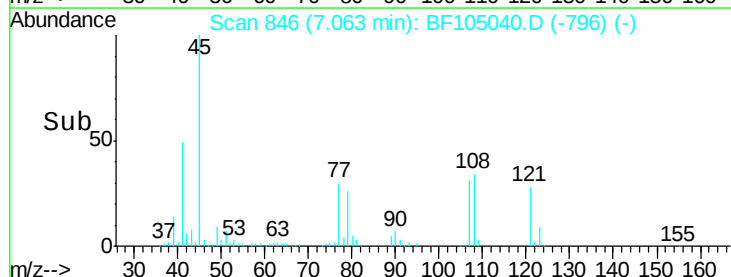
79 26.3 0.0 29.6

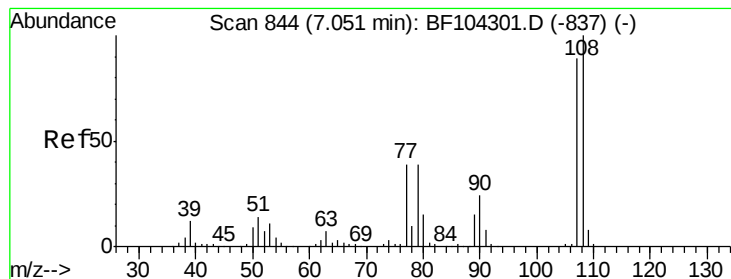


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

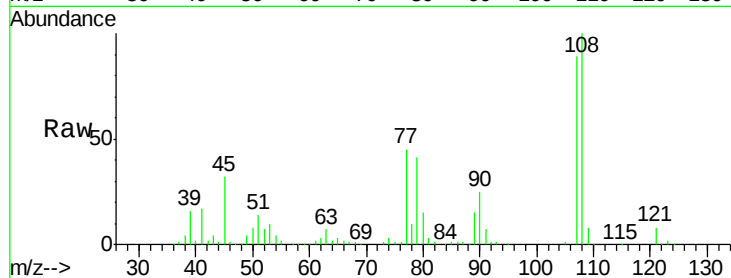




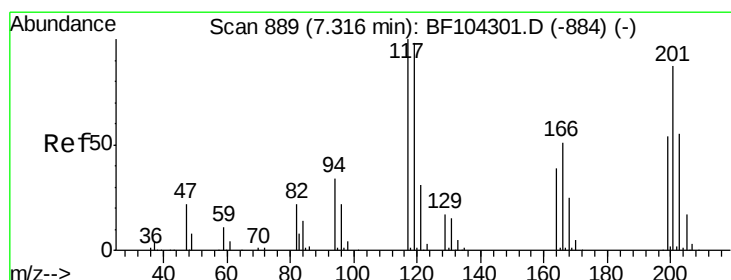
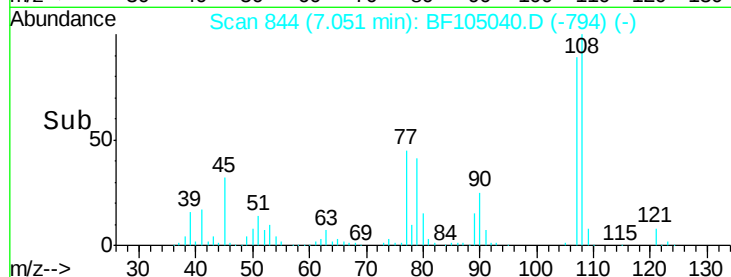
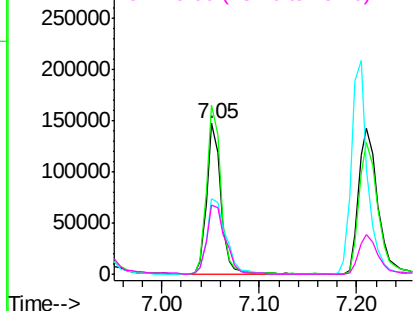
#17
2-Methylphenol
Concen: 30.508 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:	107	Resp:	152073
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	50.2	33.8	50.8
79	46.0	33.8	50.8

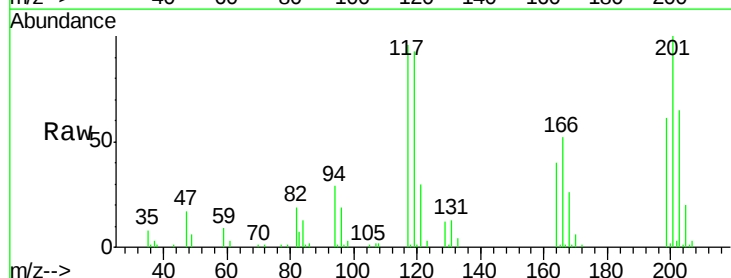


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

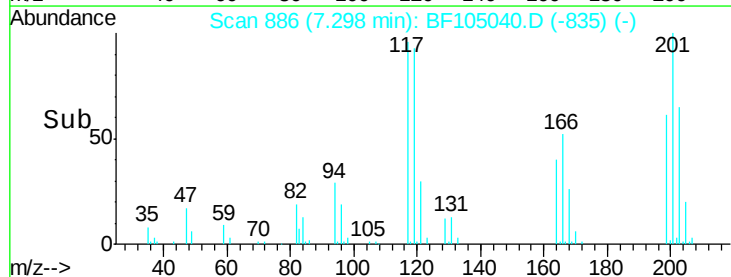
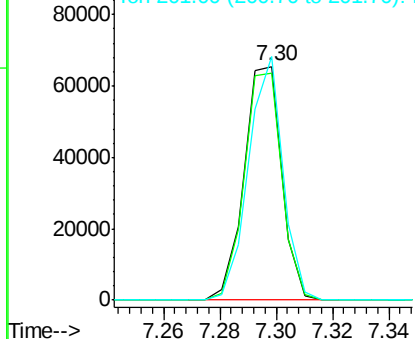


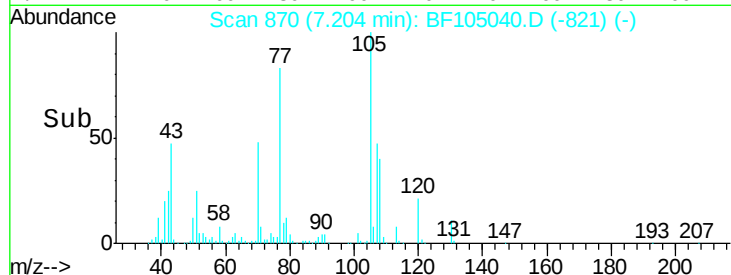
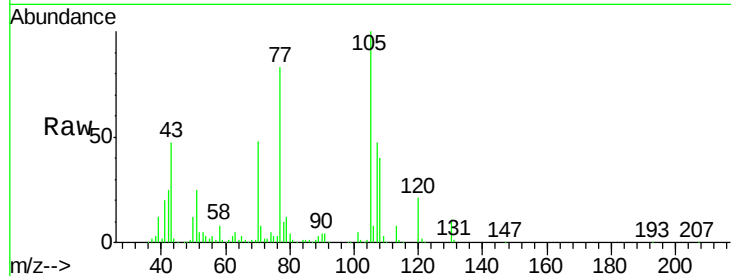
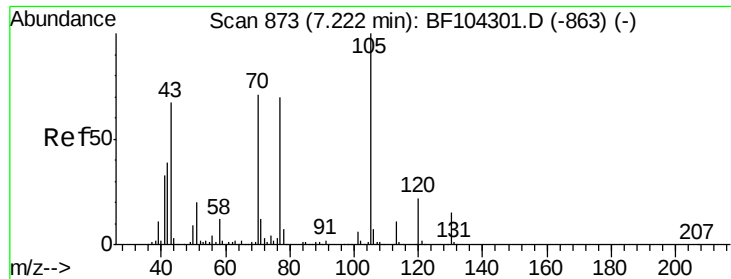
#18
Hexachloroethane
Concen: 26.258 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:	117	Resp:	60628
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	104.1	75.7	113.5



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

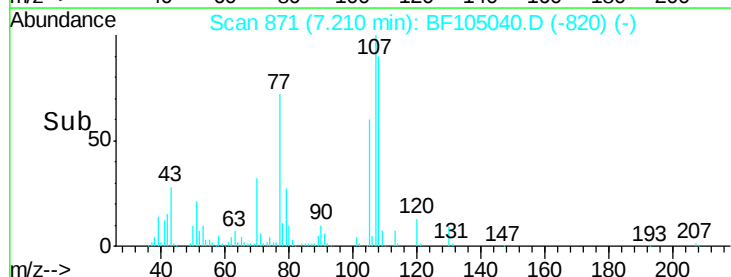
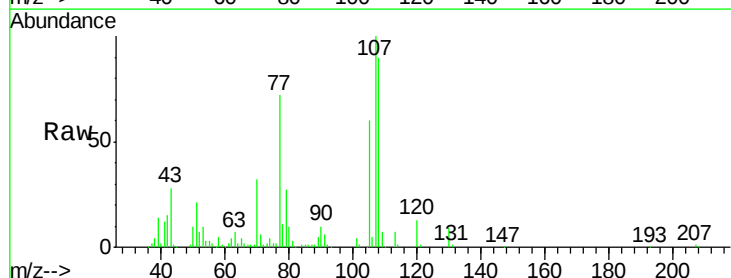
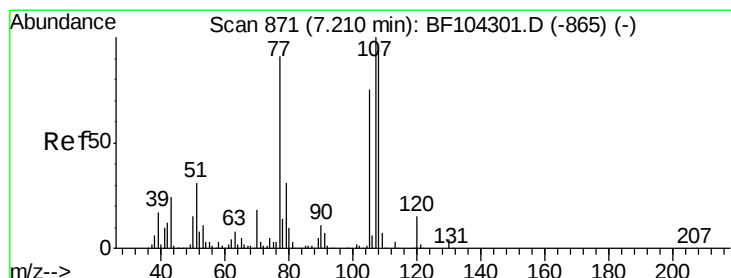
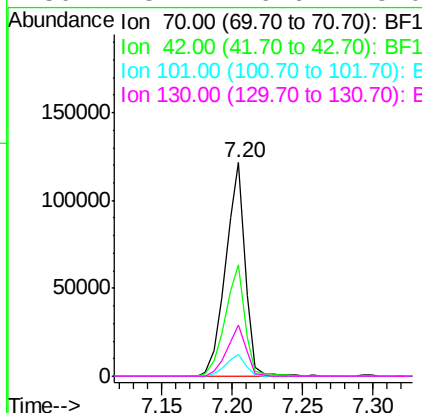




#19
n-Nitroso-di-n-propylamine
Concen: 26.672 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

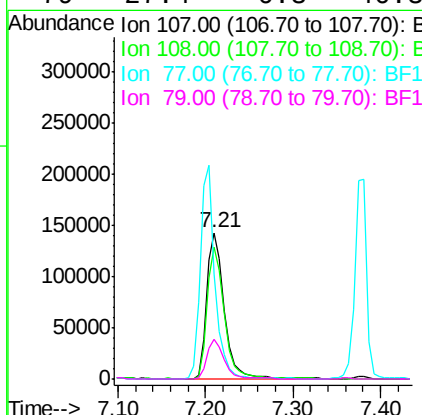
Instrument :
BNA_F
ClientSampleId :
PB108708BS

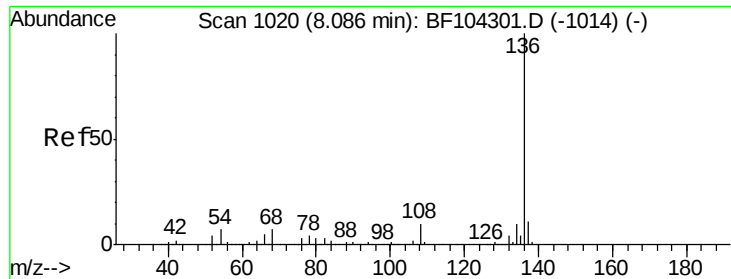
Tot Ion: 70 Resp: 116349
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 10.0 7.4 11.2
130 23.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.634 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:107 Resp: 201752
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 71.5 26.7 66.7#
79 27.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

Tot Ion:136 Resp: 347335

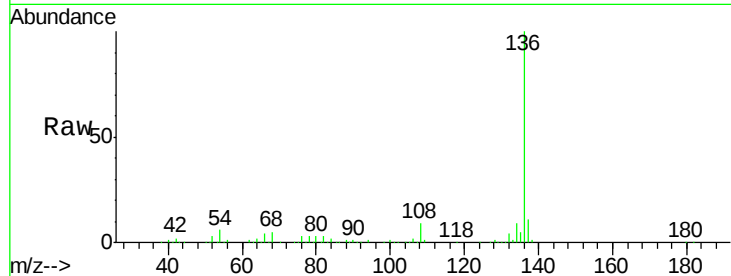
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.1 5.0 7.4

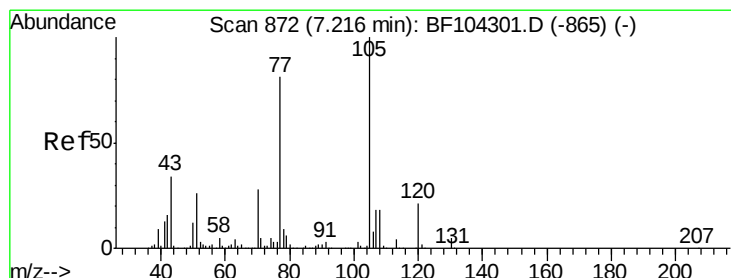
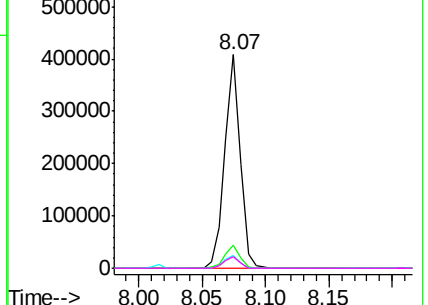
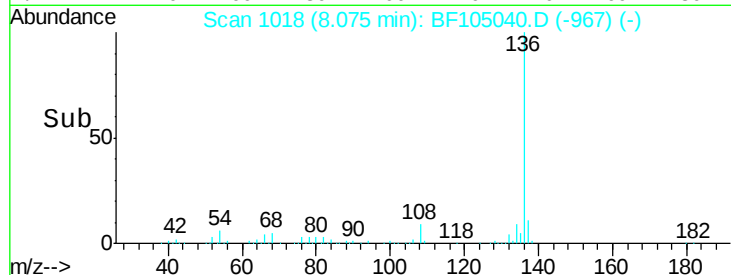


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.670 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Tgt Ion:105 Resp: 253713

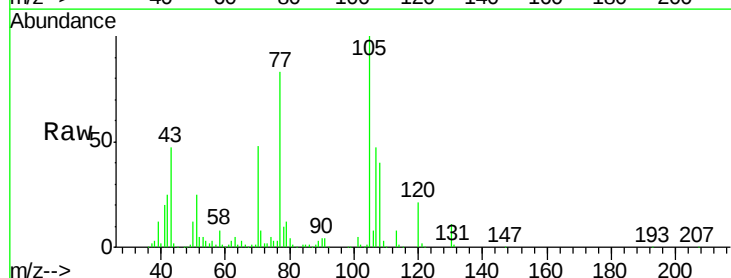
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 25.5 22.3 33.5

120 20.8 16.9 25.3

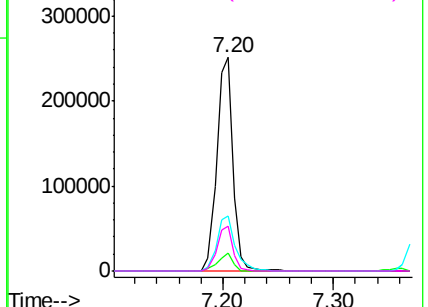
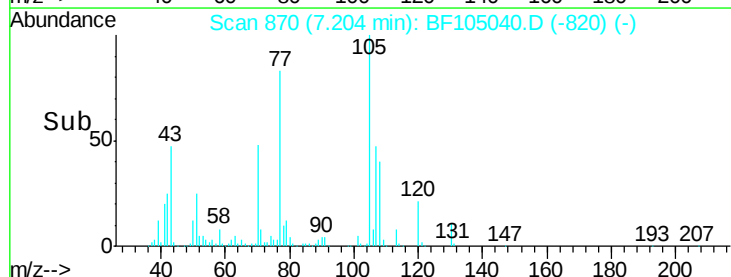


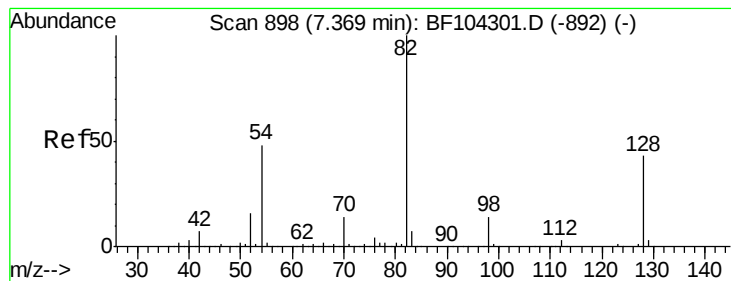
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.912 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

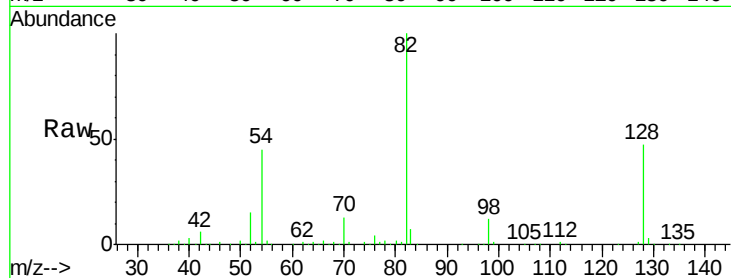
Tot Ion: 82 Resp: 430387

Ion Ratio Lower Upper

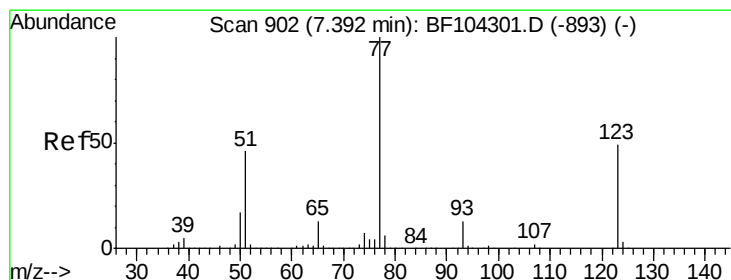
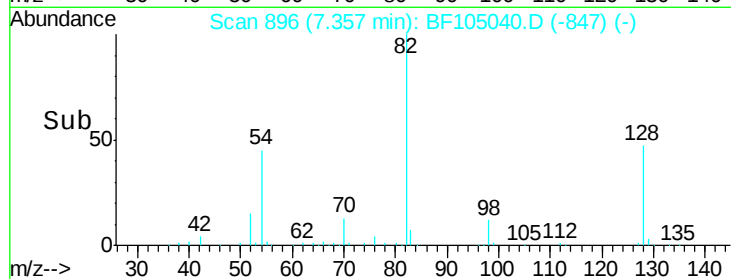
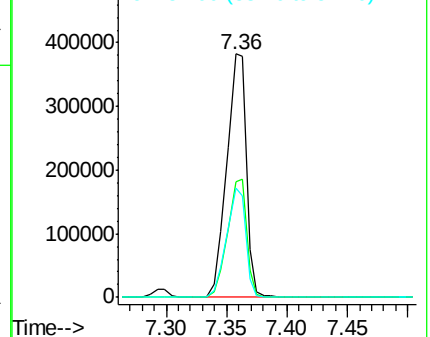
82 100

128 47.5 36.1 54.1

54 45.1 41.4 62.2



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



#24

Nitrobenzene

Concen: 31.634 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

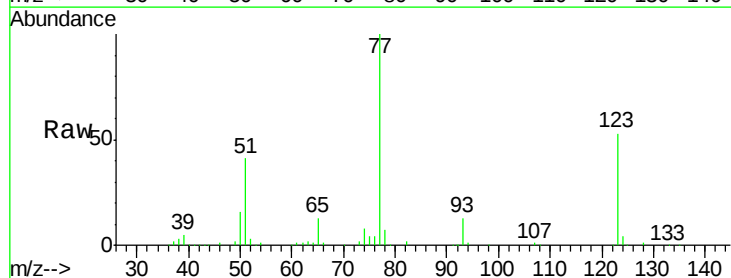
Tgt Ion: 77 Resp: 185781

Ion Ratio Lower Upper

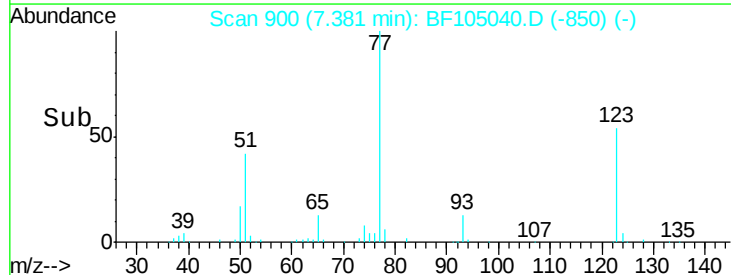
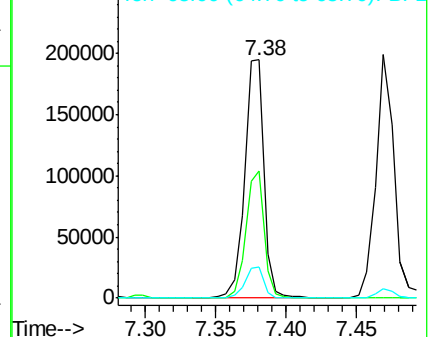
77 100

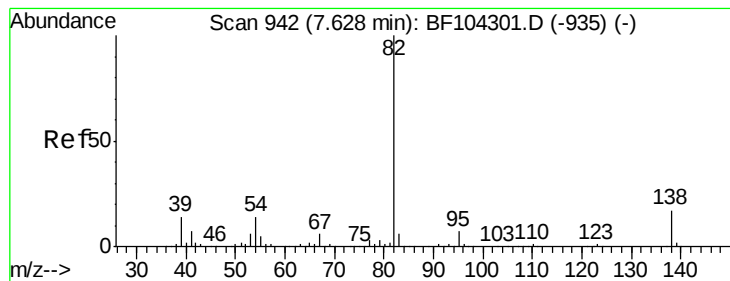
123 53.2 37.9 56.9

65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 29.456 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

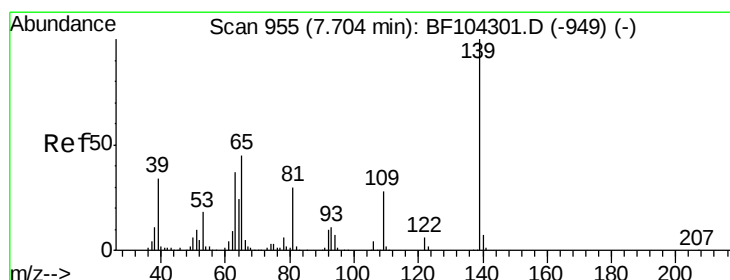
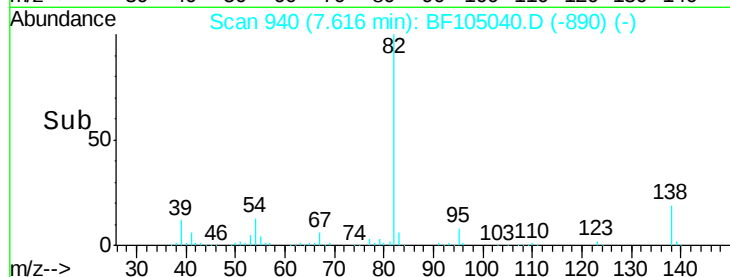
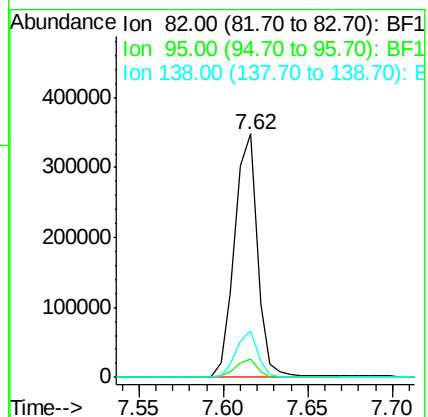
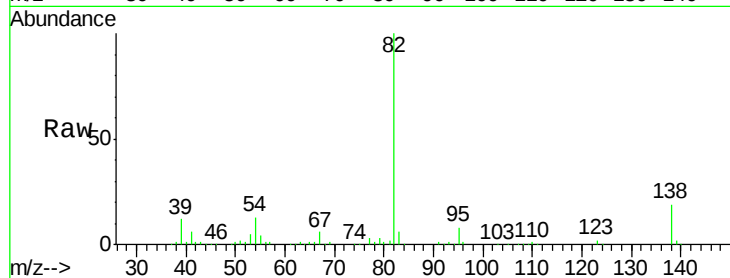
Tot Ion: 82 Resp: 331333

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 38.048 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

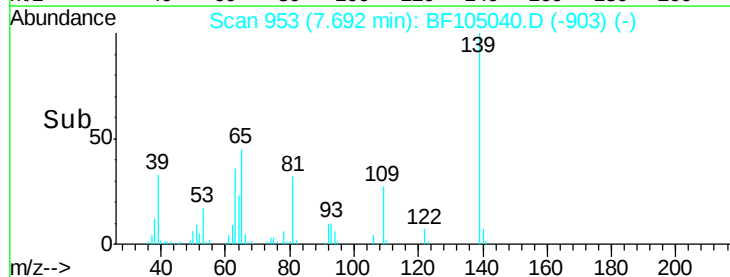
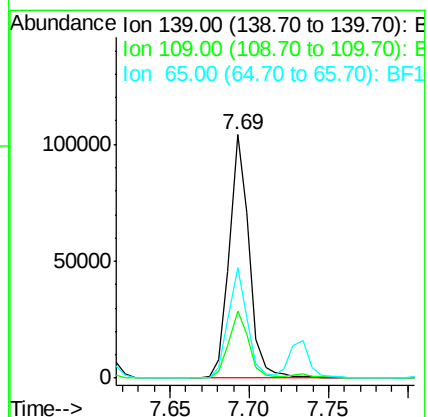
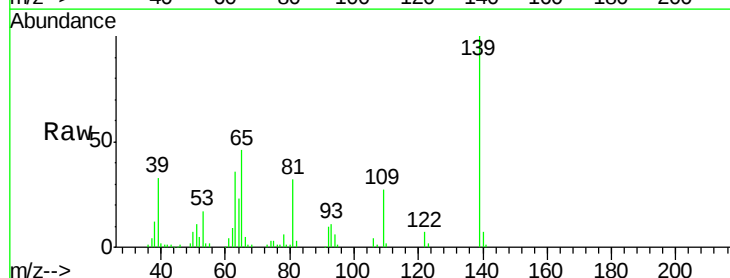
Tgt Ion: 139 Resp: 90965

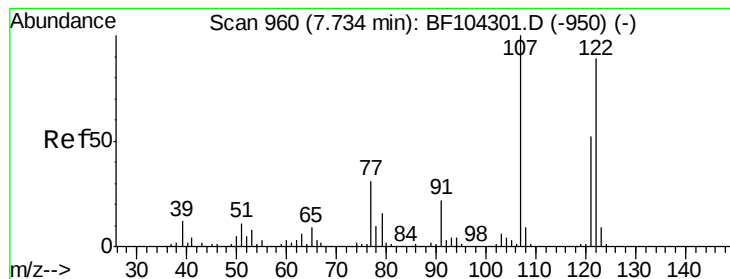
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 45.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 33.283 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

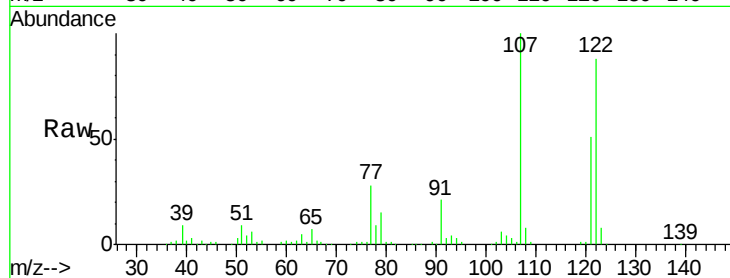
Tot Ion:122 Resp: 165225

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

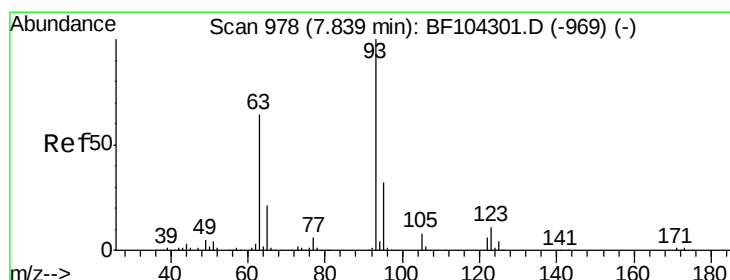
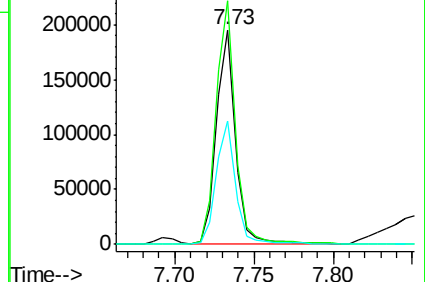
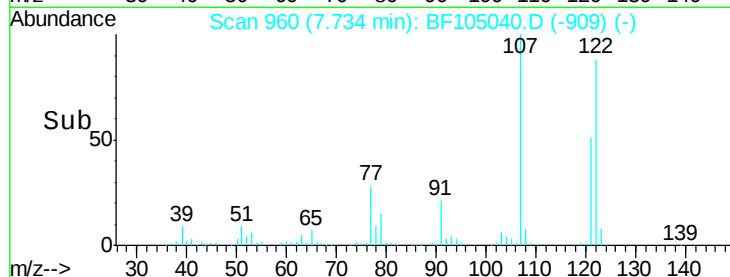
121 57.6 47.2 70.8



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: 31.451 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

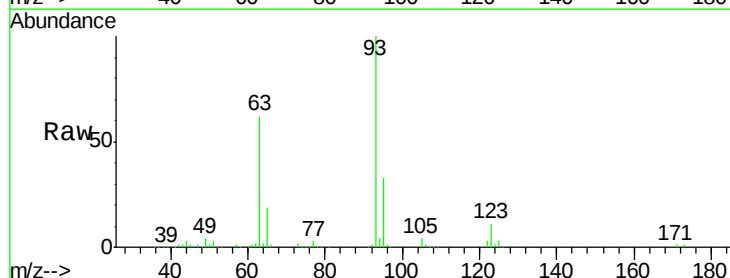
Tgt Ion: 93 Resp: 216296

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

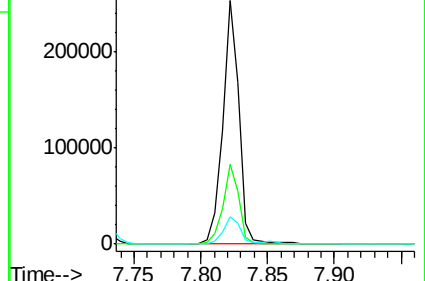
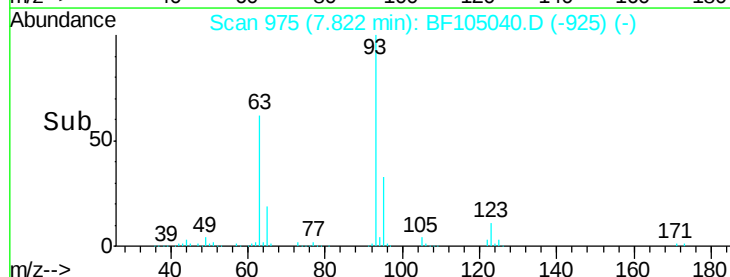
123 11.1 9.8 14.6



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: 33.139 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

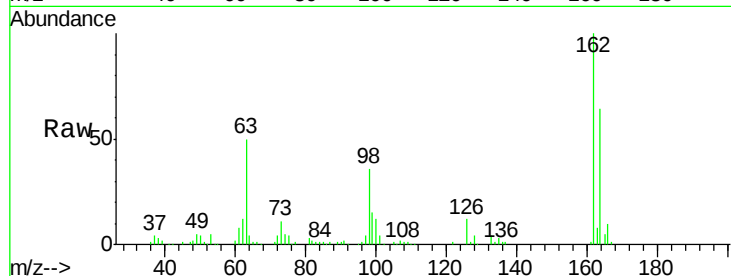
Tot Ion:162 Resp: 156967

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

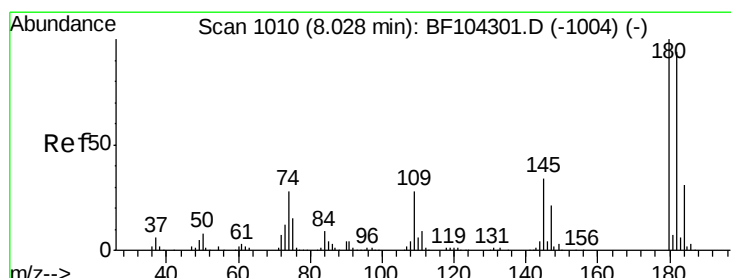
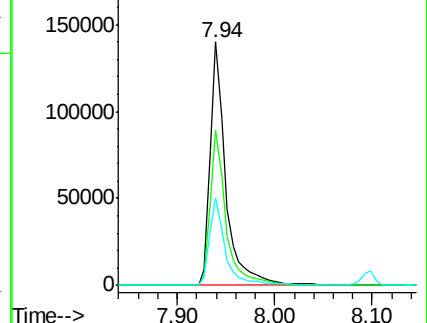
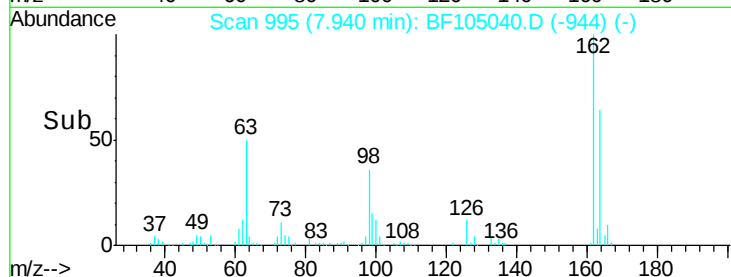
98 36.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.004 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

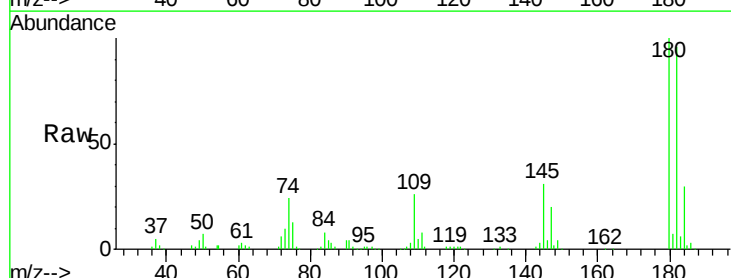
Tgt Ion:180 Resp: 161165

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

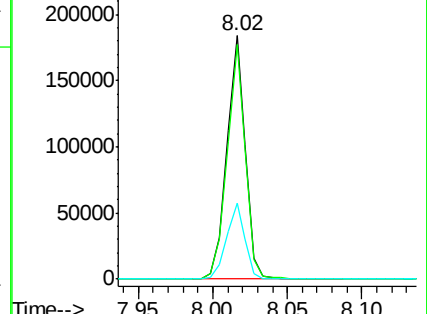
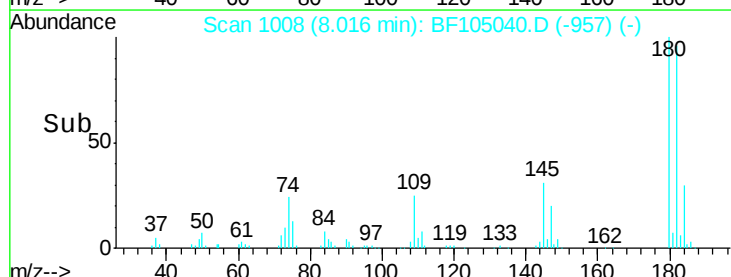
145 31.4 26.5 39.7

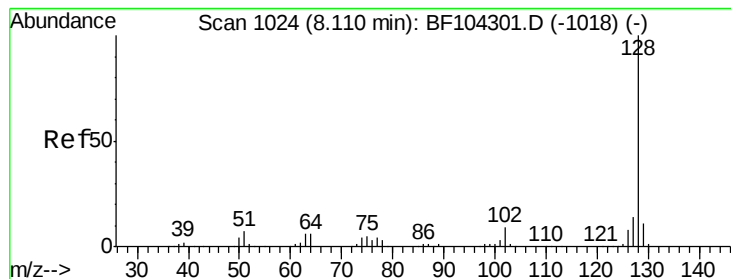


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.998 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

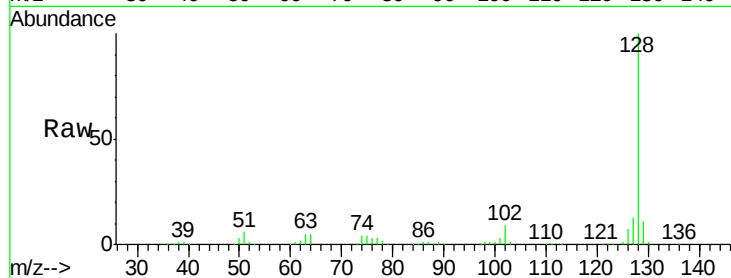
Tot Ion:128 Resp: 536121

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

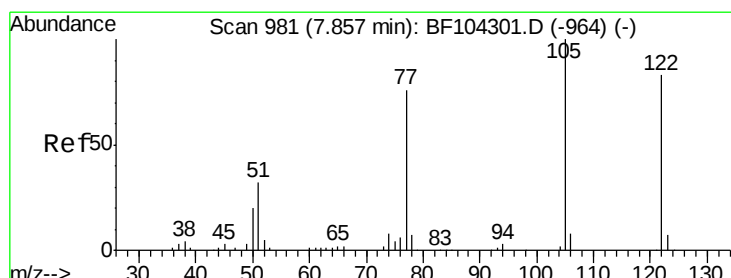
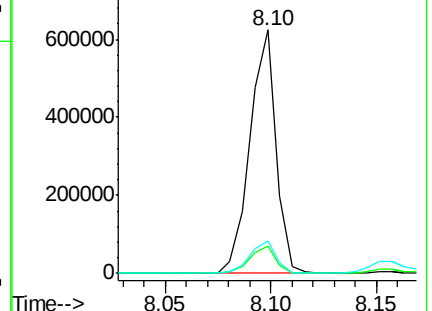
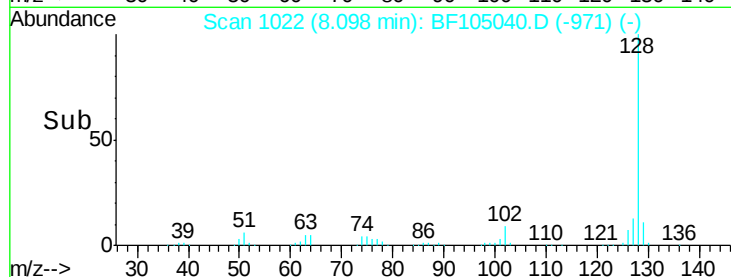
127 13.2 10.9 16.3



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: 17.390 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.04 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

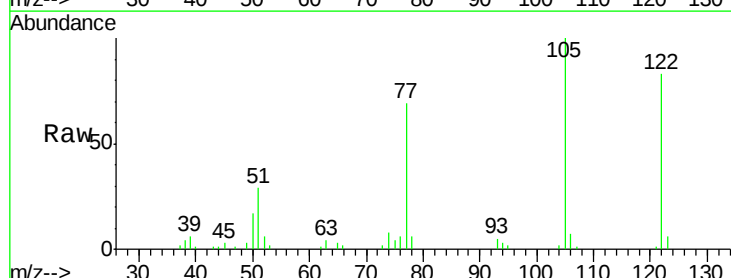
Tgt Ion:122 Resp: 68880

Ion Ratio Lower Upper

122 100

105 119.9 101.1 141.1

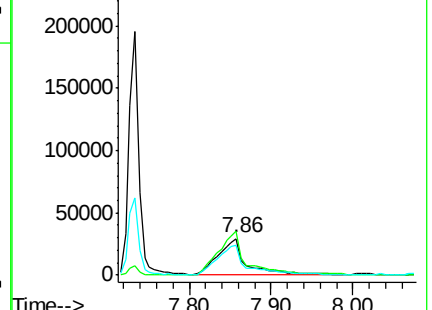
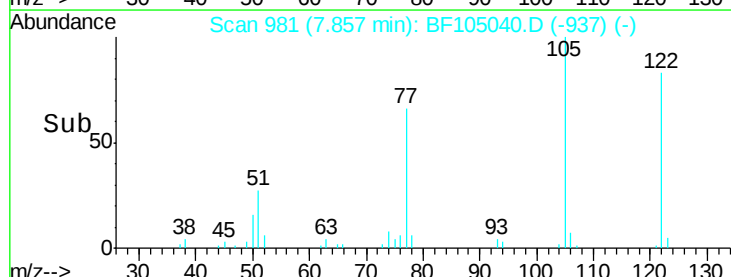
77 83.3 70.7 110.7

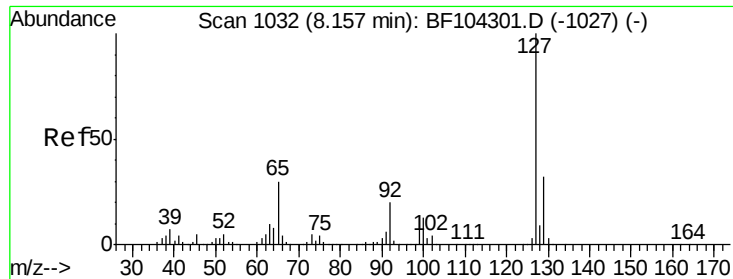


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

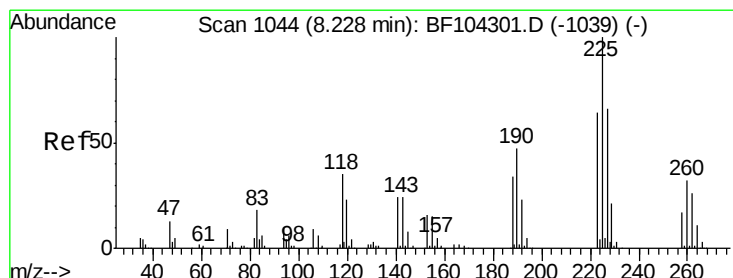
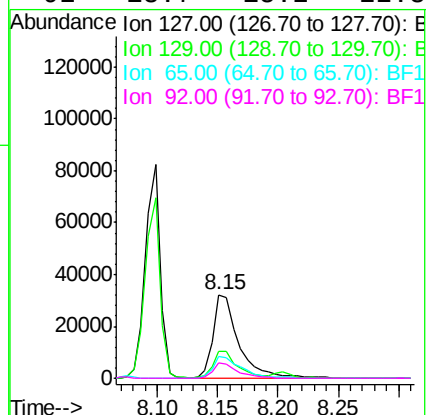
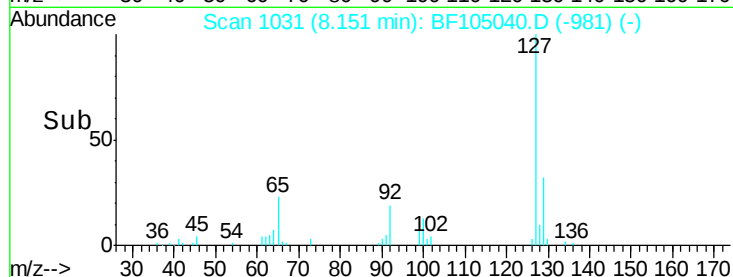
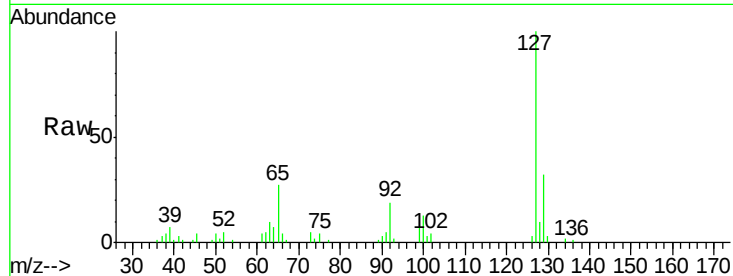




#33
4-Chloroaniline
Concen: 6.303 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

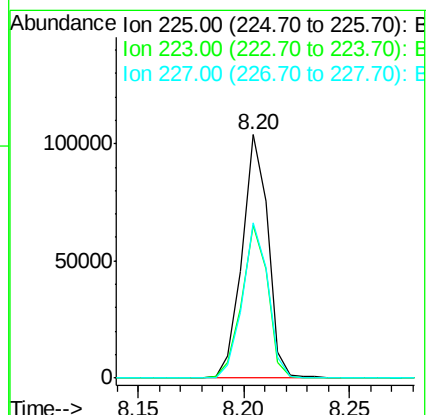
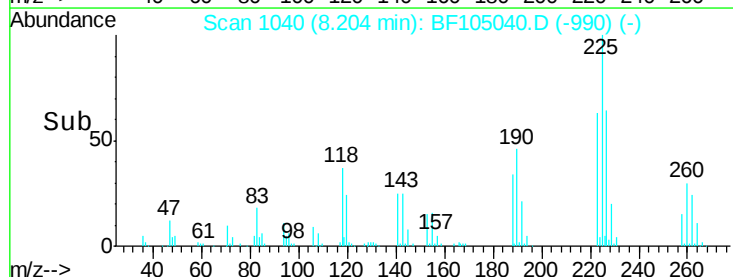
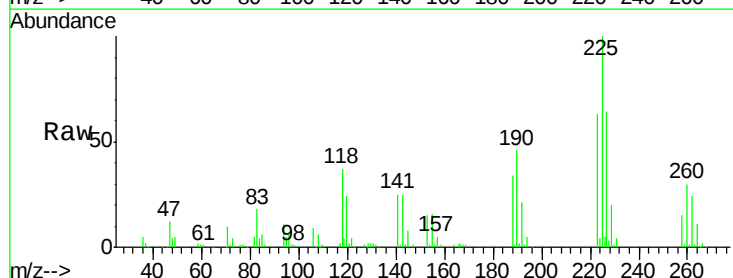
Instrument :
BNA_F
ClientSampleId :
PB108708BS

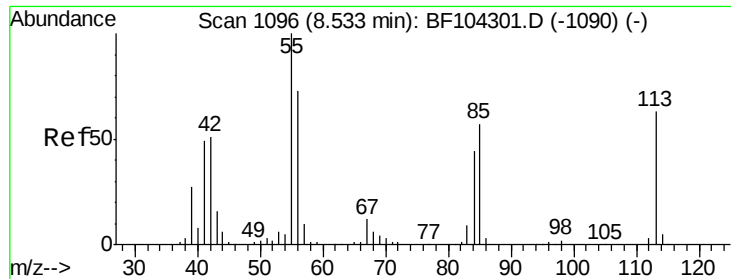
Tot Ion:	127	Resp:	46704
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	26.5	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 30.848 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:	225	Resp:	87832
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	51.9	77.9

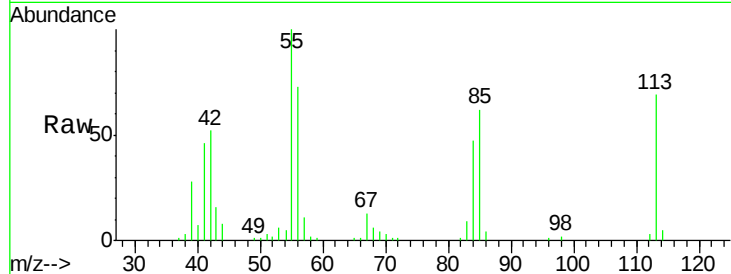




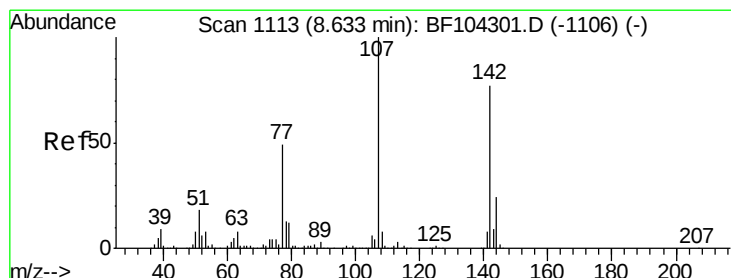
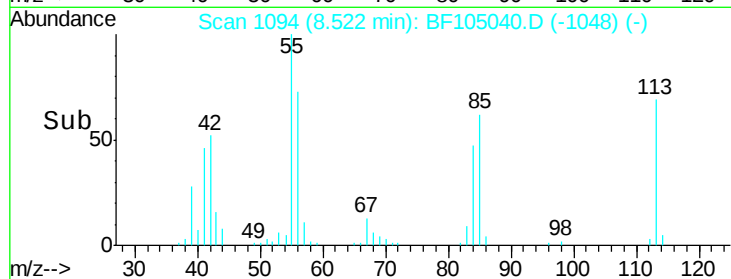
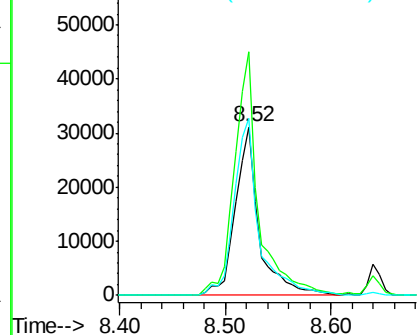
#35
 Caprolactam
 Concen: 29.194 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion:113 Resp: 48239
 Ion Ratio Lower Upper
 113 100
 55 144.4 163.3 203.3#
 56 104.7 115.7 155.7#

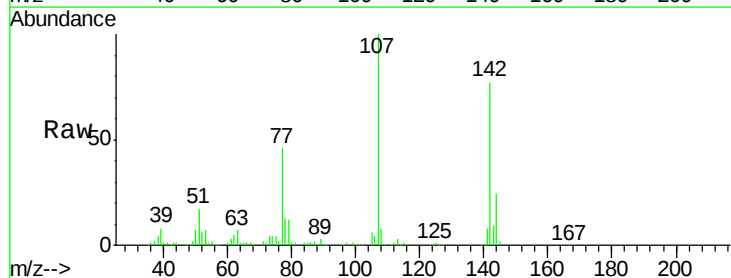


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

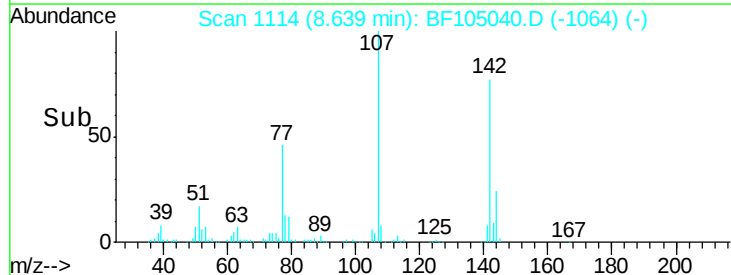
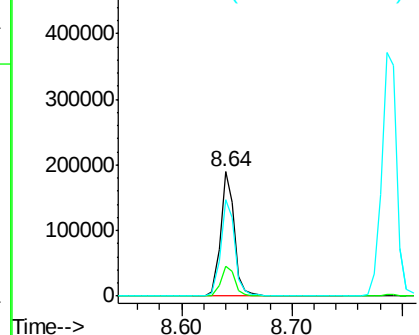


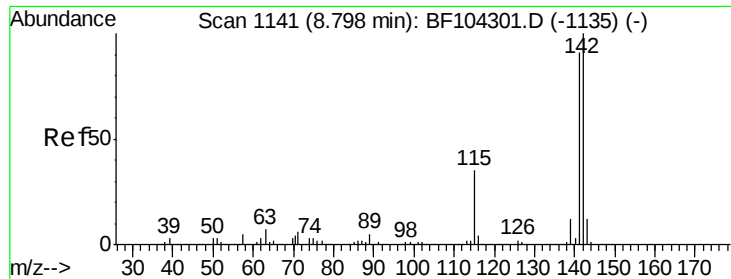
#36
 4-Chloro-3-methylphenol
 Concen: 32.083 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion:107 Resp: 162947
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 77.3 62.0 93.0



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

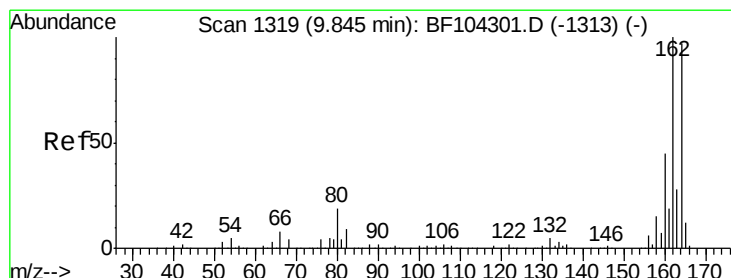
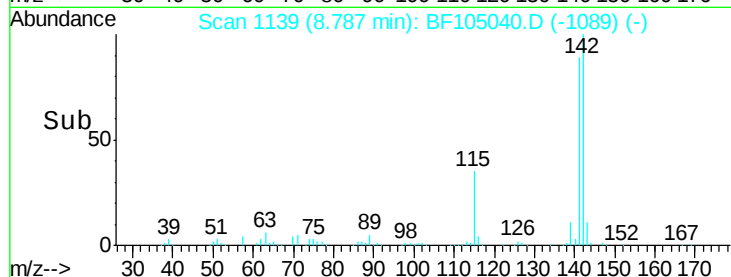
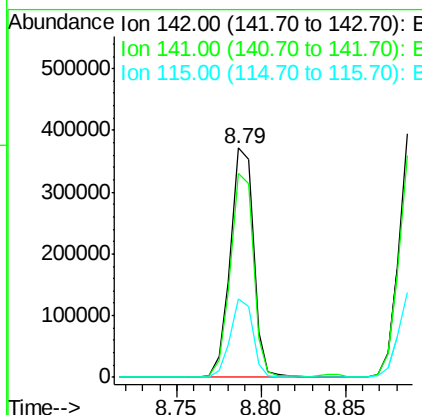
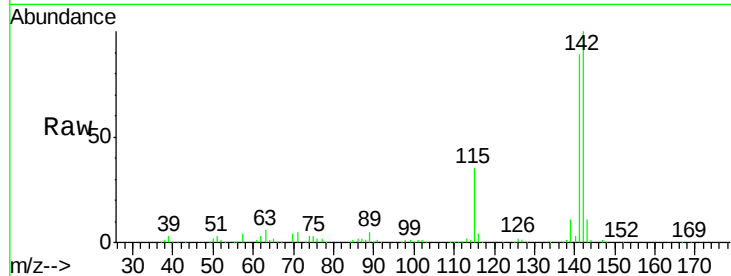




#37
2-Methylnaphthalene
Concen: 31.845 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

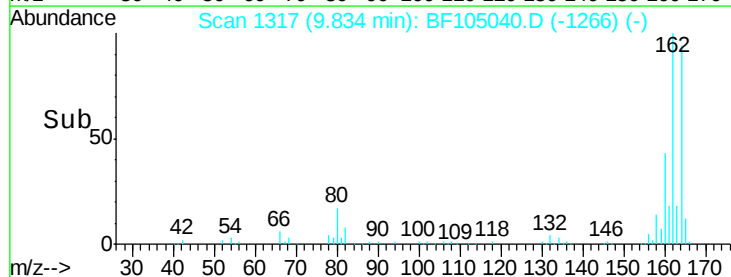
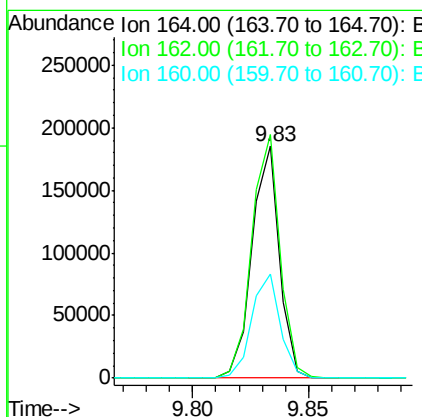
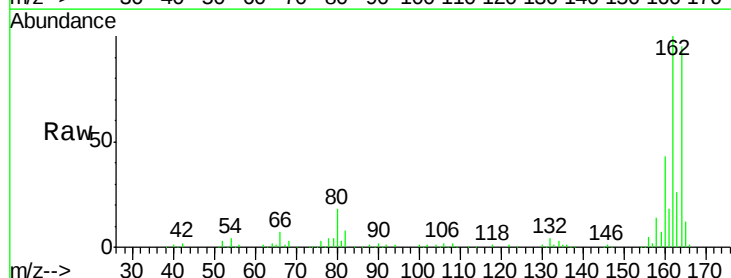
Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:142 Resp: 356267
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 34.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:164 Resp: 153980
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.578 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

Tot Ion:216 Resp: 152414

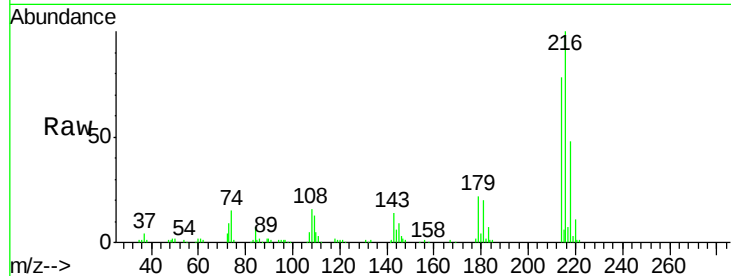
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.3 18.1 27.1

108 17.7 17.2 25.8

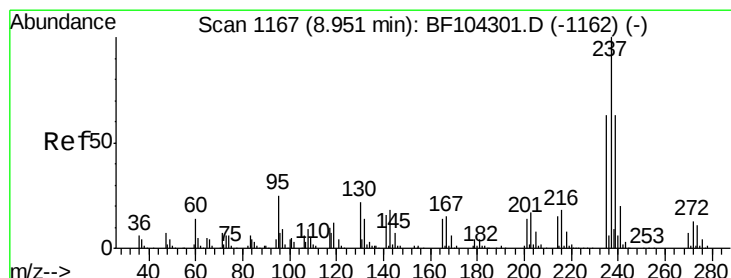
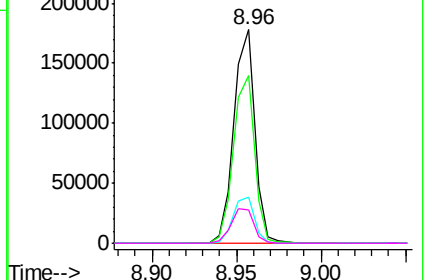
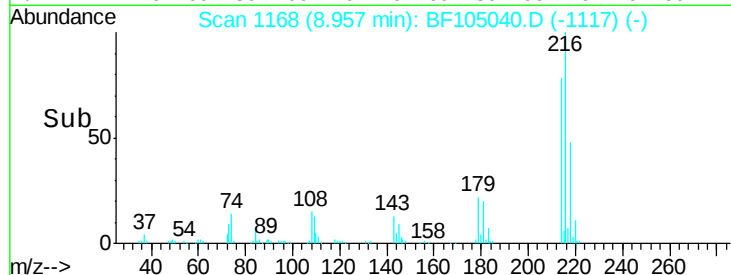


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.723 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

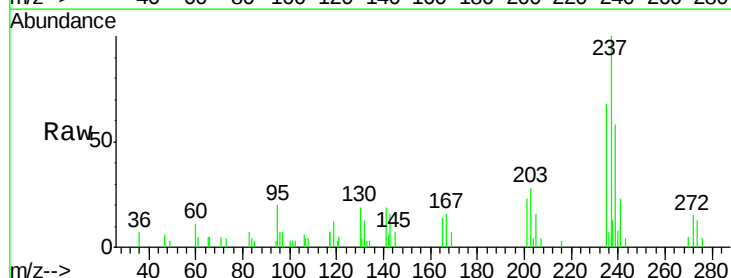
Tgt Ion:237 Resp: 9186

Ion Ratio Lower Upper

237 100

235 67.7 44.8 84.8

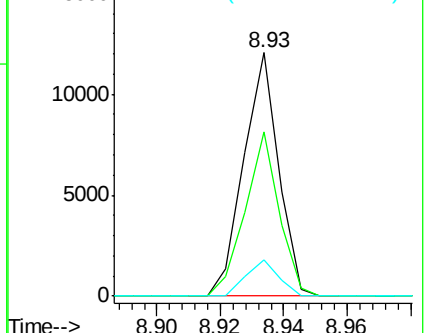
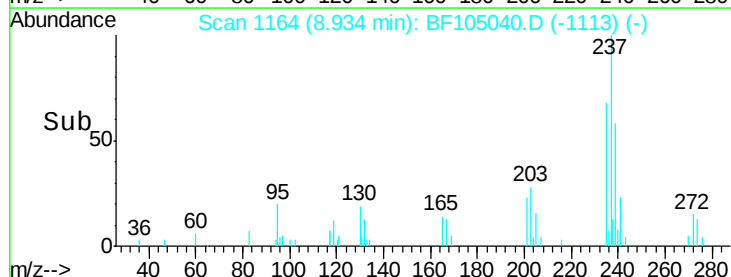
272 14.9 0.0 33.3



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

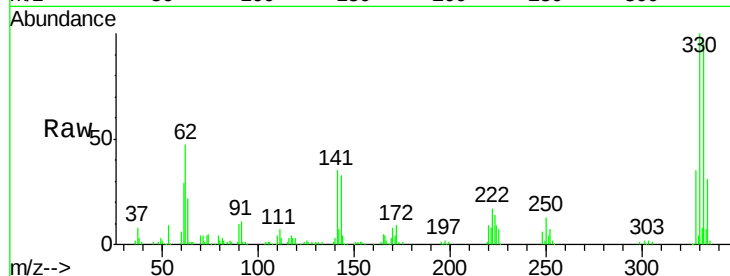




#41
 2,4,6-Tribromophenol
 Concen: 106.658 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion	330	332	141
Resp:	170362		
Ion Ratio	100	95.2	33.4
Lower		77.0	29.9
Upper		115.6	44.9

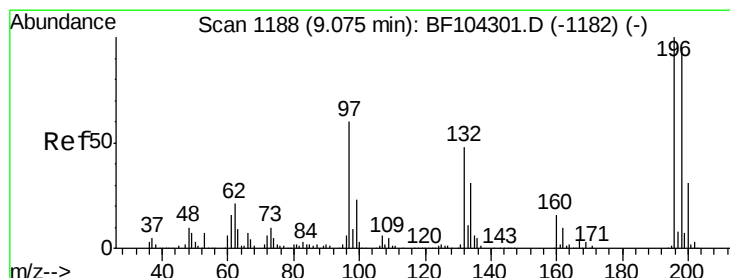
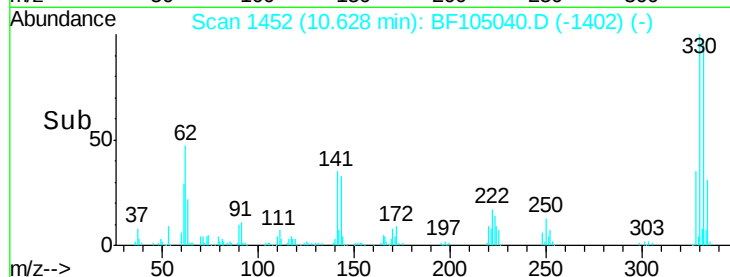
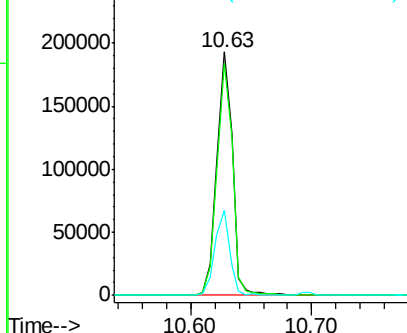


Abundance

Ion 329.80 (329.50 to 330.50): E

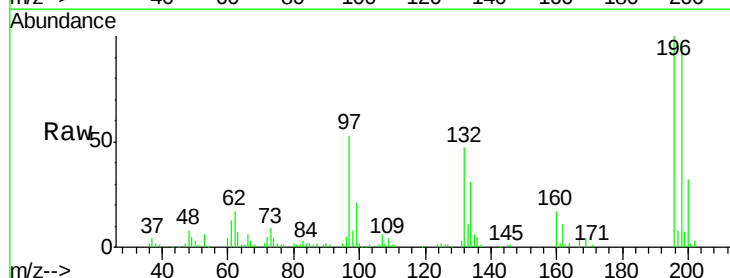
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 32.366 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion	196	198	200
Resp:	99035		
Ion Ratio	100	96.5	31.7
Lower		75.7	24.5
Upper		113.5	36.7

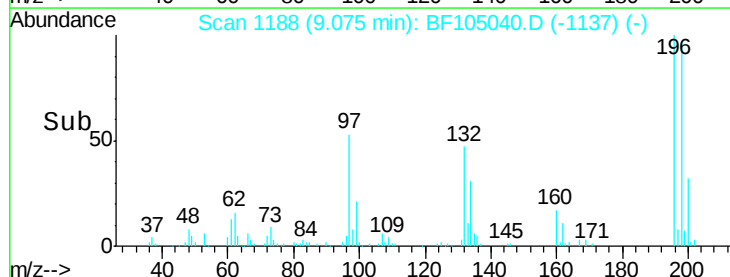
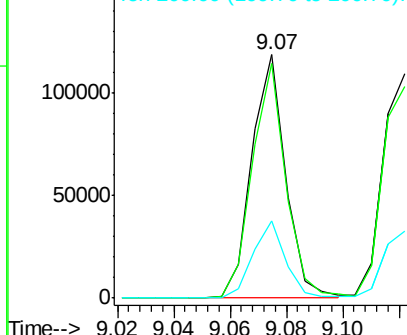


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

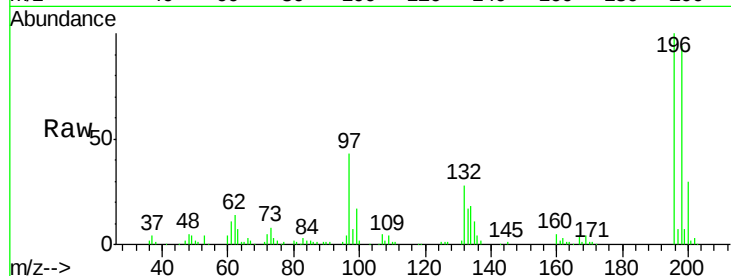




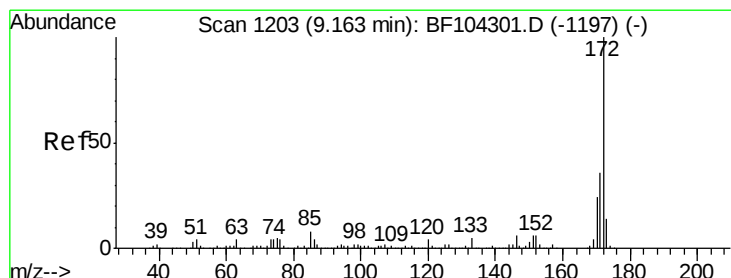
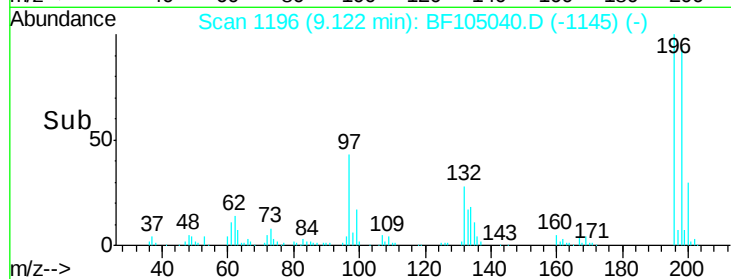
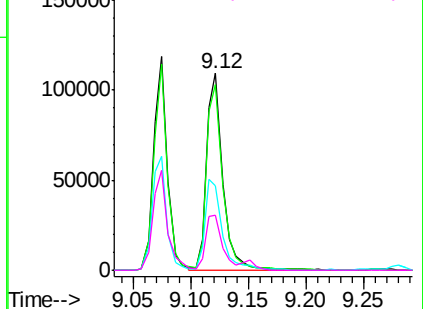
#43
 2,4,5-Trichlorophenol
 Concen: 31.459 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	42.9	42.9	64.3
132	28.2	26.3	39.5

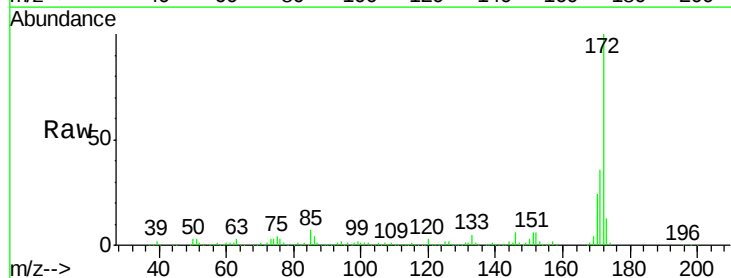


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

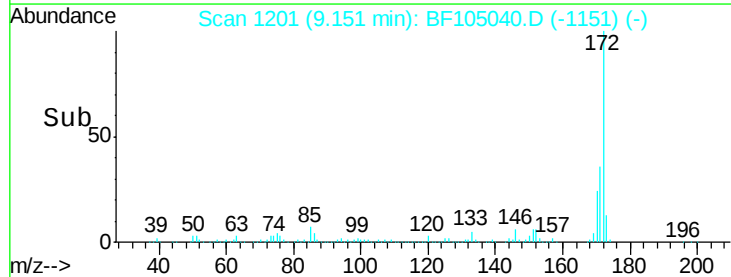
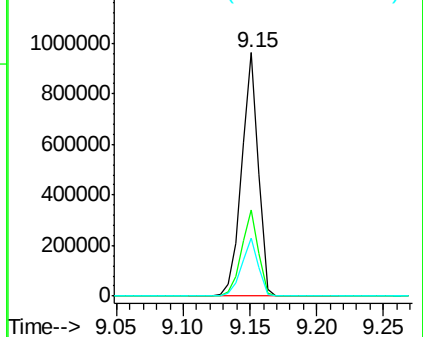


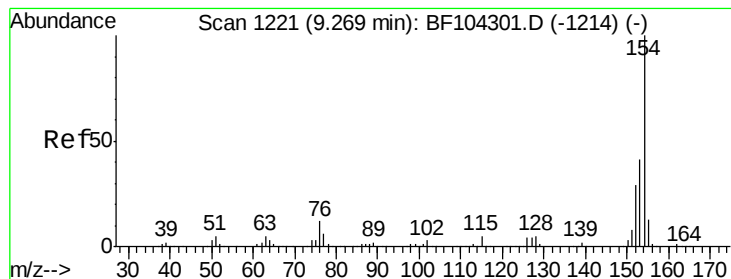
#44
 2-Fluorobiphenyl
 Concen: 85.284 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 32.629 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

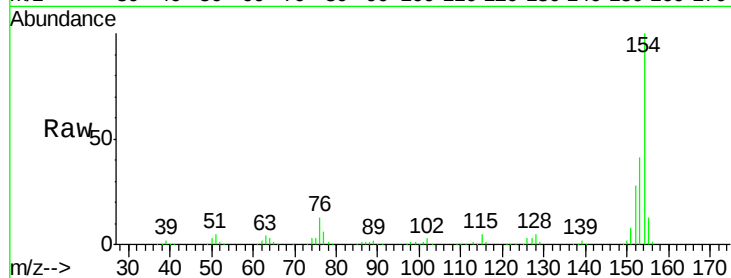
Tot Ion:154 Resp: 422075

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

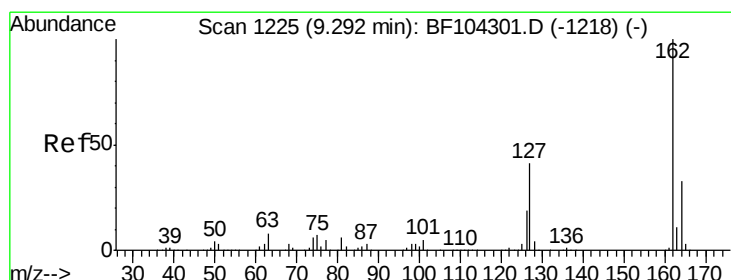
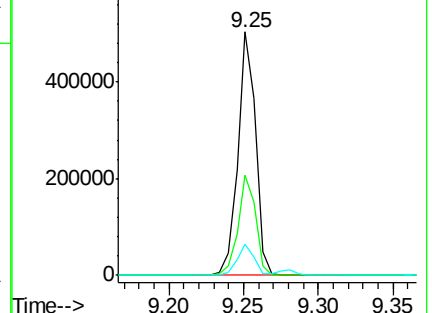
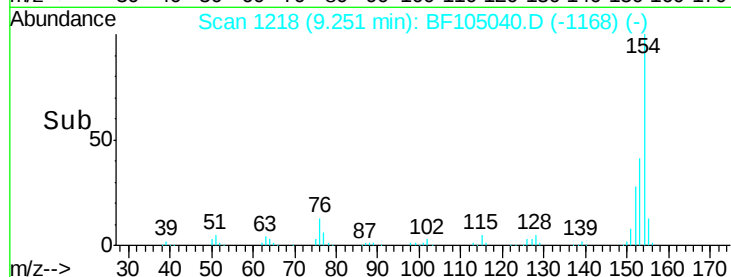
76 12.6 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 31.716 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

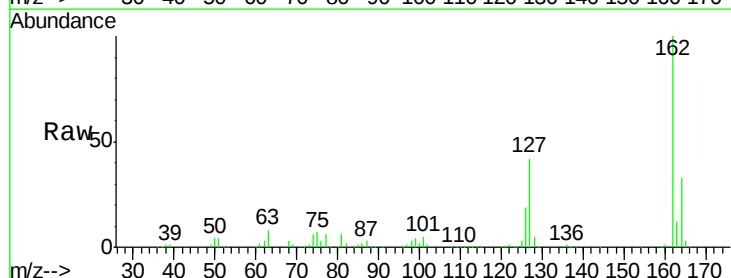
Tgt Ion:162 Resp: 324054

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

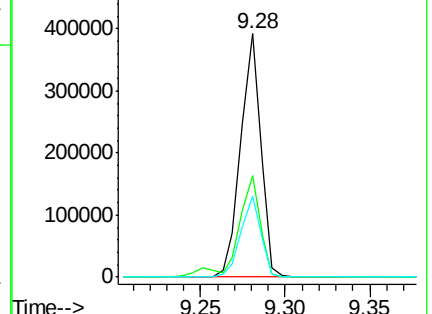
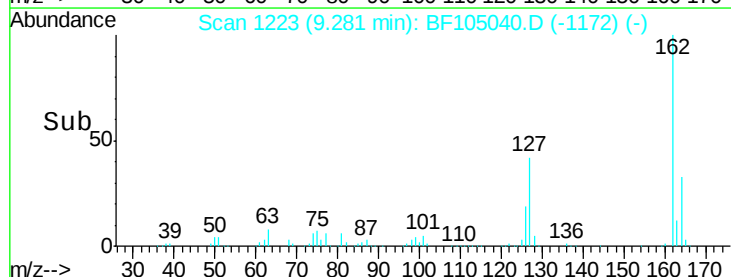
164 33.4 26.5 39.7



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

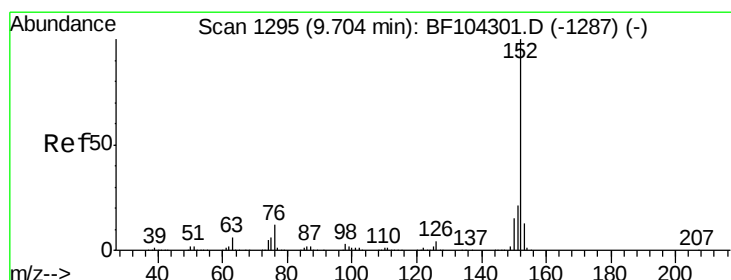
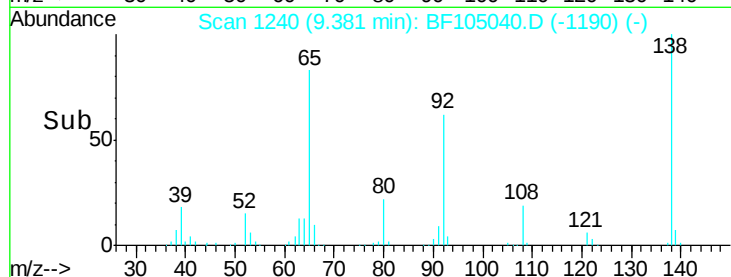
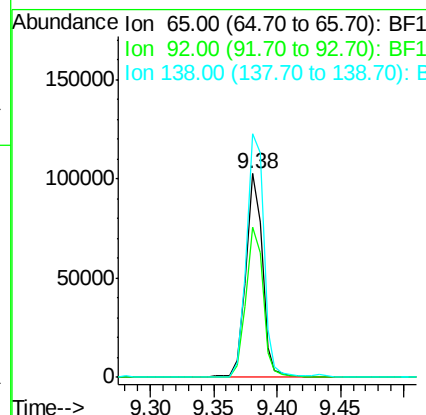
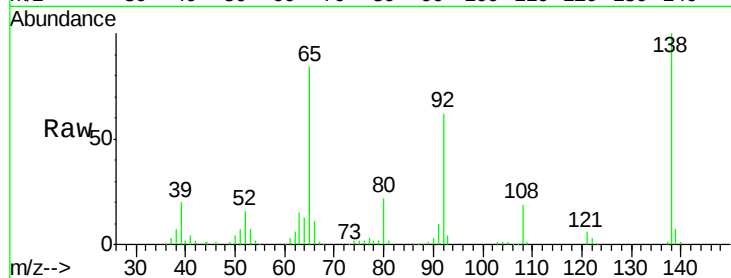




#47
 2-Nitroaniline
 Concen: 36.717 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

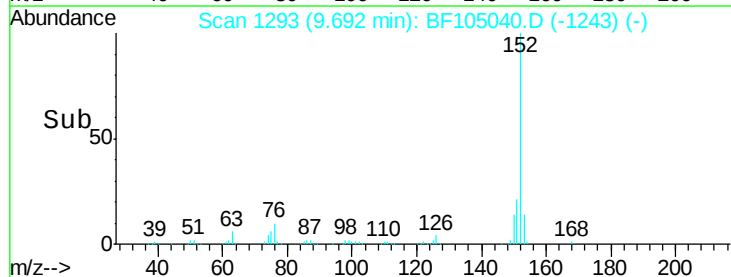
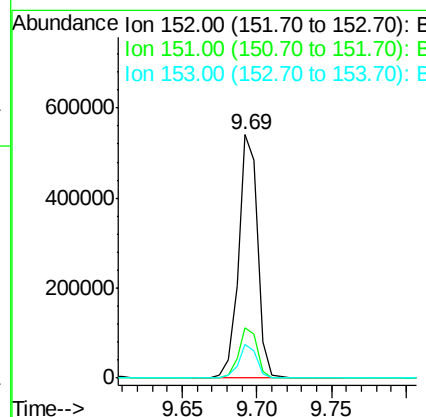
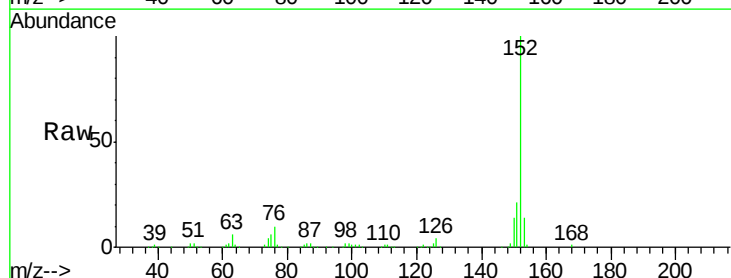
Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

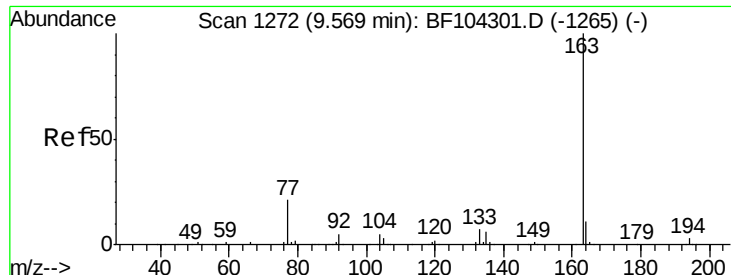
Tot Ion: 65 Resp: 92774
 Ion Ratio Lower Upper
 65 100
 92 74.0 55.8 83.6
 138 119.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.245 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion: 152 Resp: 484846
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.8 10.7 16.1

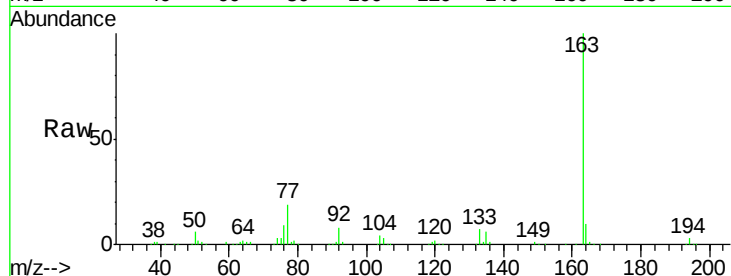




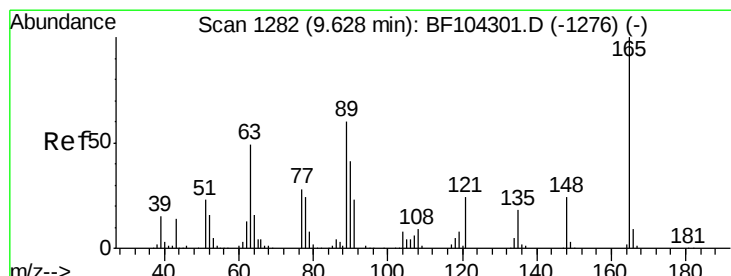
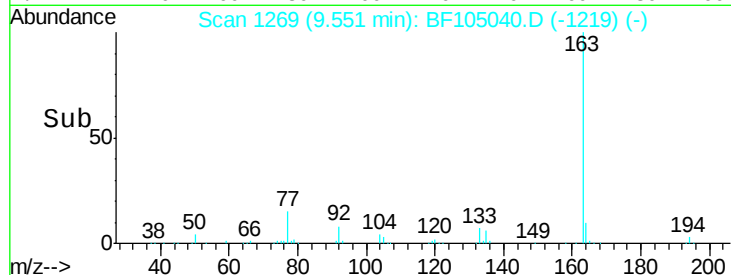
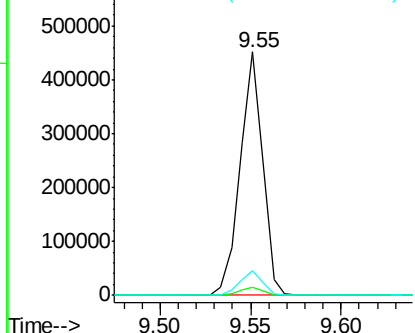
#49
Dimethylphthalate
Concen: 32.076 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:163 Resp: 389488
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

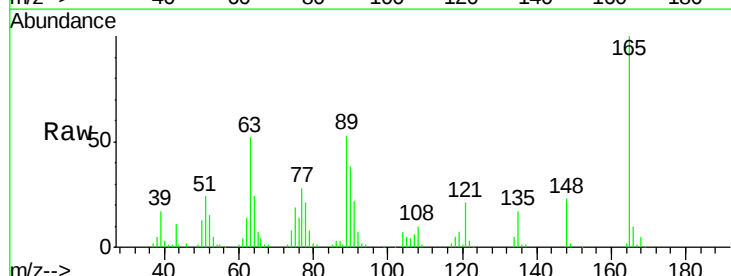


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

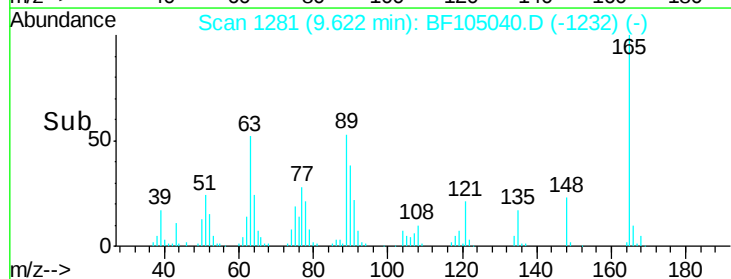
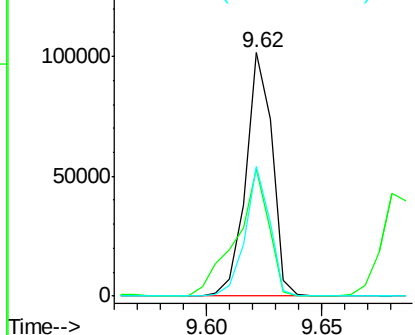


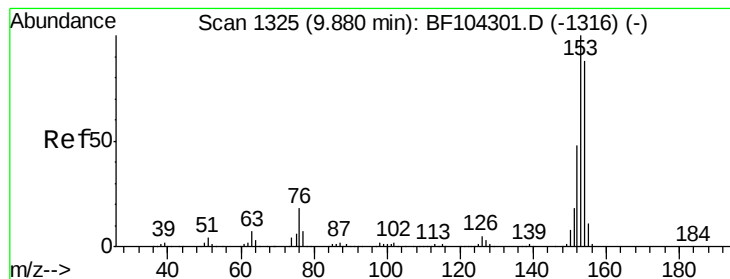
#50
2,6-Dinitrotoluene
Concen: 36.133 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:165 Resp: 81185
Ion Ratio Lower Upper
165 100
63 52.3 44.7 67.1
89 53.3 44.0 66.0



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





#51

Acenaphthene

Concen: 29.046 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

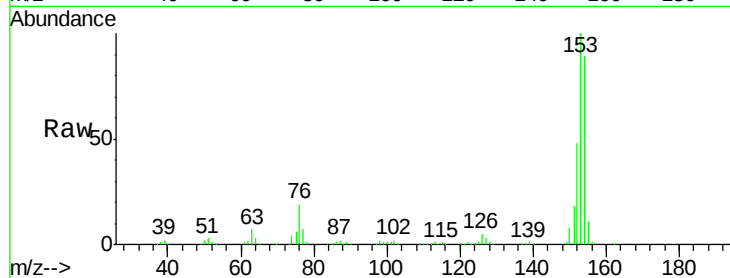
Tot Ion:154 Resp: 284098

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

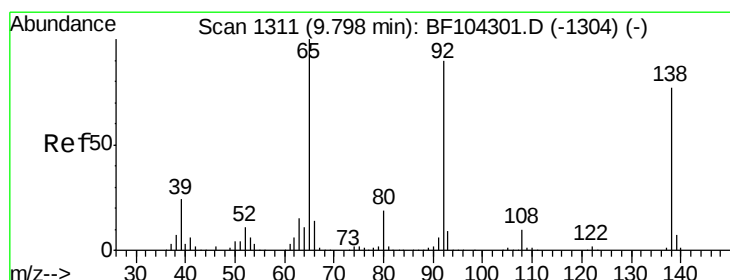
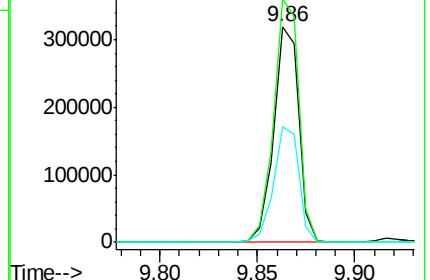
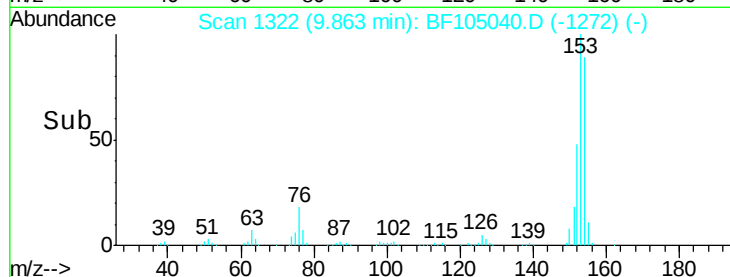
152 53.8 43.8 65.8



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



#52

3-Nitroaniline

Concen: 16.666 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

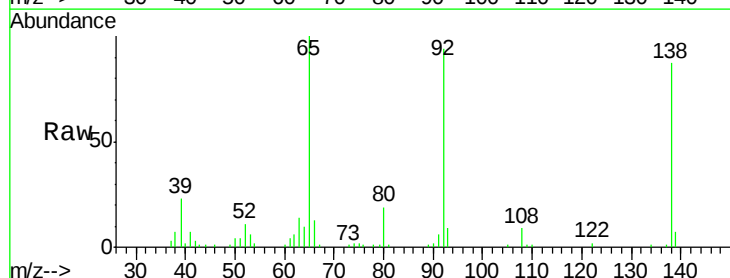
Tgt Ion:138 Resp: 43837

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

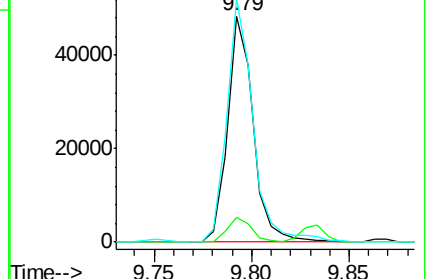
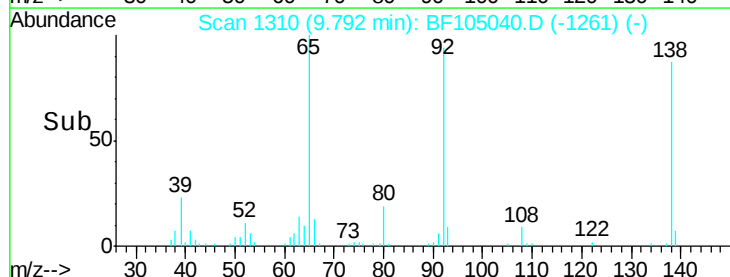
92 107.7 89.4 134.2

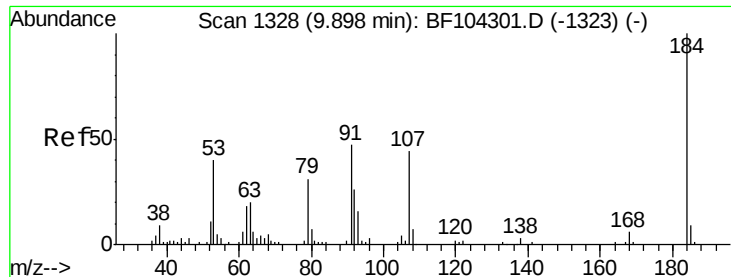


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

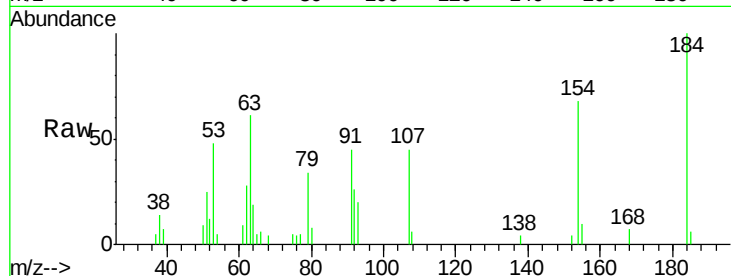




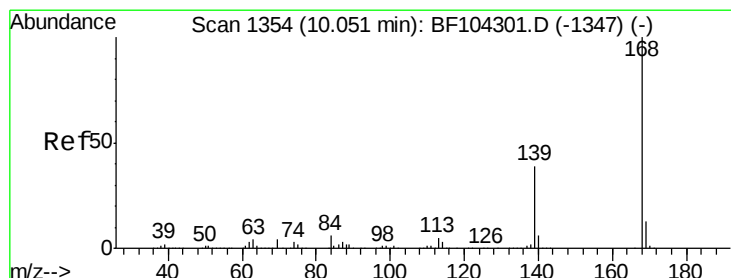
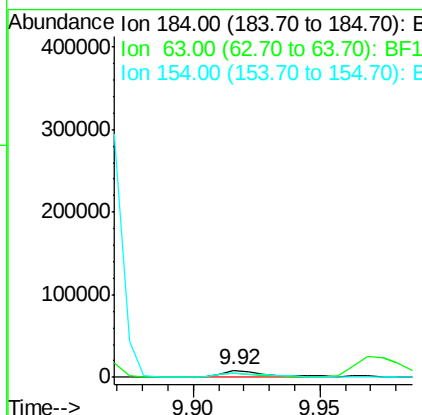
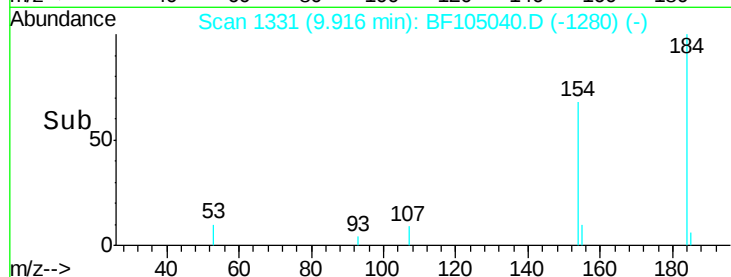
#53
 2,4-Dinitrophenol
 Concen: 20.992 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion:184 Resp: 10942
 Ion Ratio Lower Upper
 184 100
 63 61.4 54.2 81.2
 154 68.3 184.0 276.0#

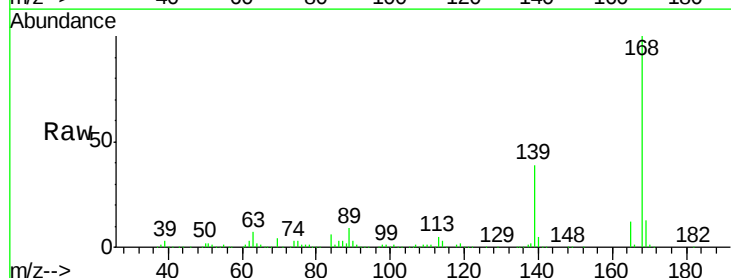


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

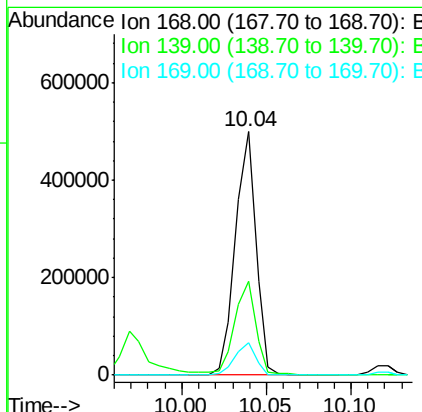
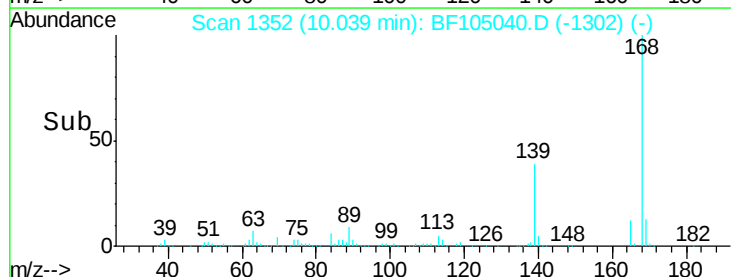


#54
 Dibenzofuran
 Concen: 31.116 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion:168 Resp: 424134
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 13.2 10.9 16.3



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

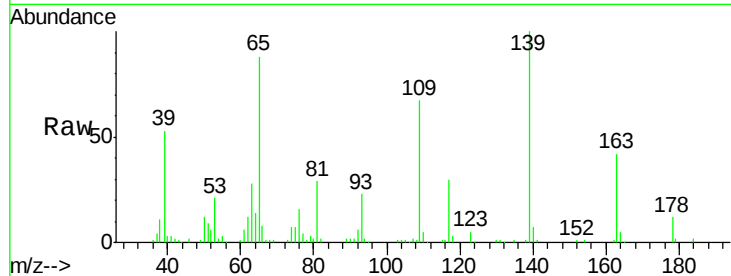




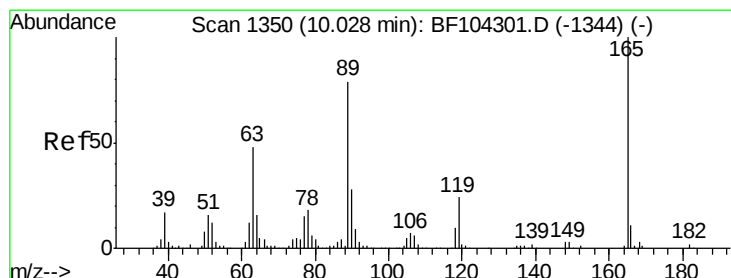
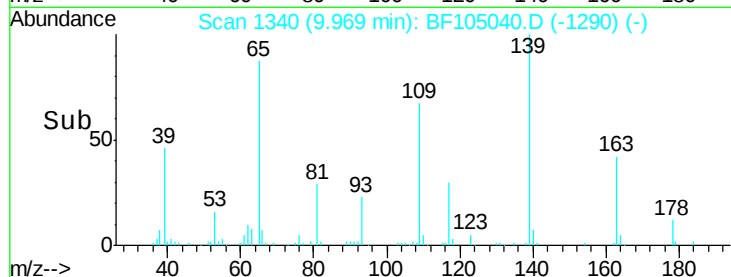
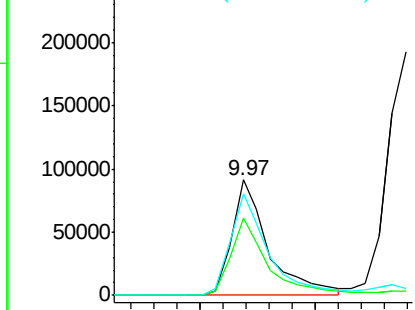
#55
4-Nitrophenol
Concen: 48.480 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:139 Resp: 100171
Ion Ratio Lower Upper
139 100
109 66.7 48.4 88.4
65 88.1 72.6 112.6

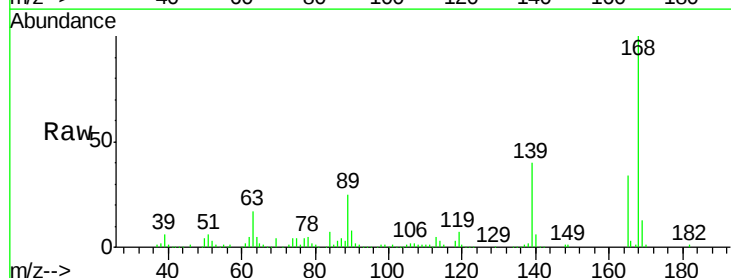


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

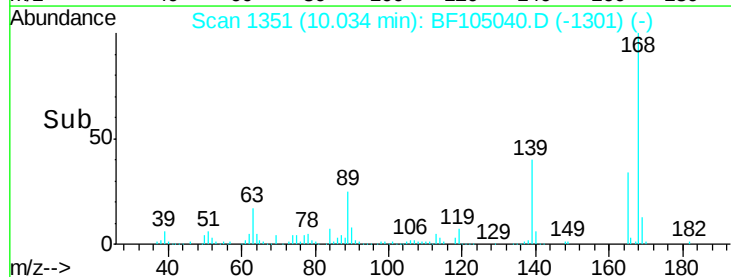
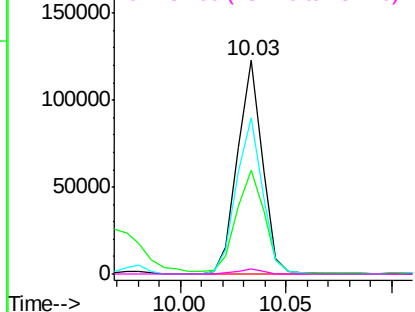


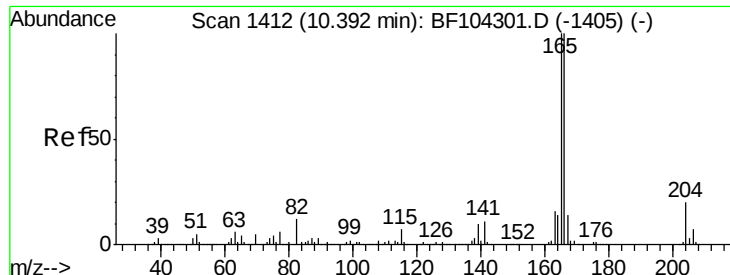
#56
2,4-Dinitrotoluene
Concen: 33.904 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:165 Resp: 99922
Ion Ratio Lower Upper
165 100
63 48.7 36.4 54.6
89 73.0 57.8 86.6
182 2.1 1.6 2.4



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

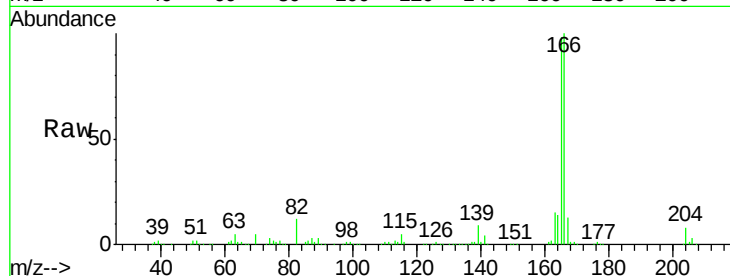




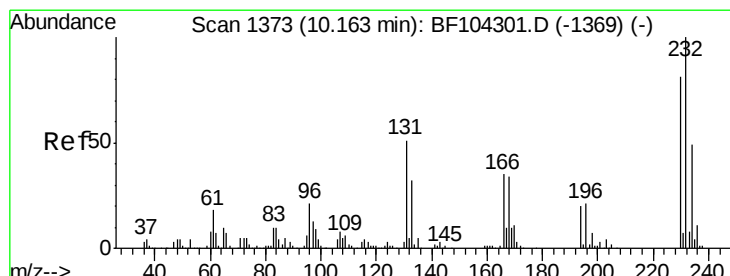
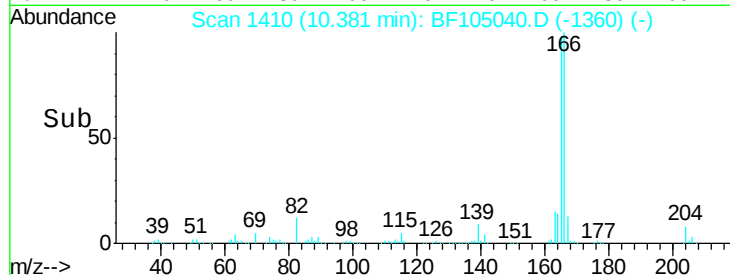
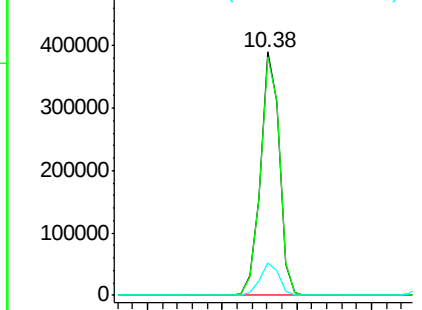
#57
 Fluorene
 Concen: 33.750 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.5	10.6	16.0



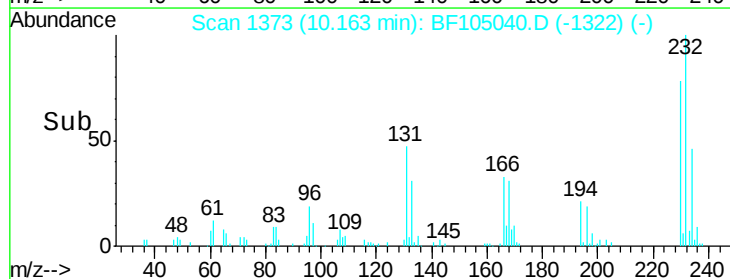
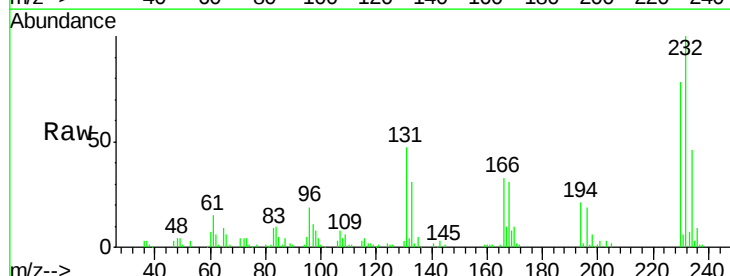
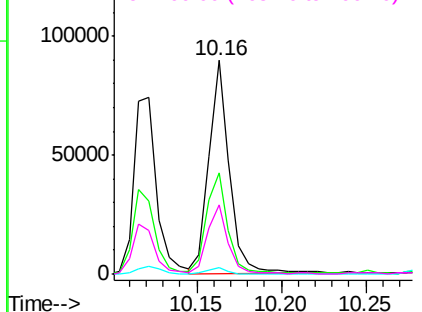
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

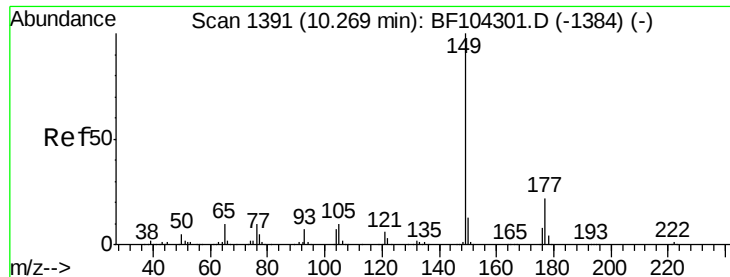


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.965 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	43.8	65.8
130	2.4	2.1	3.1
166	33.2	27.8	41.6

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





#59

Diethylphthalate

Concen: 31.291 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

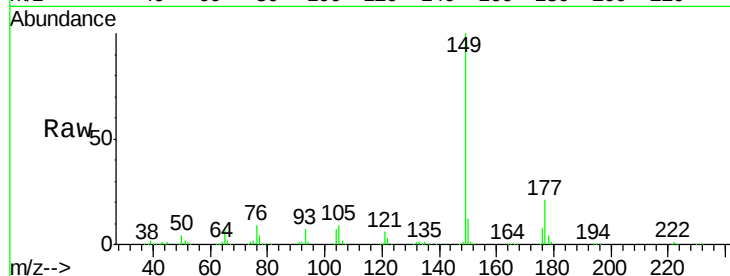
Tot Ion:149 Resp: 378408

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

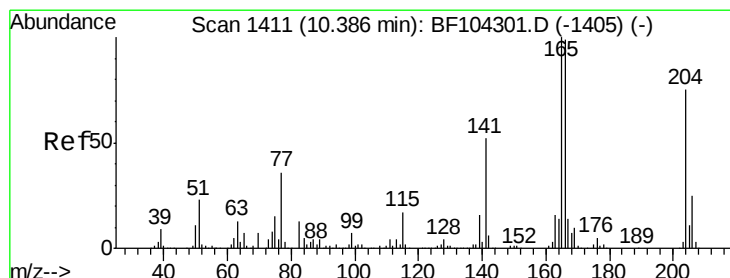
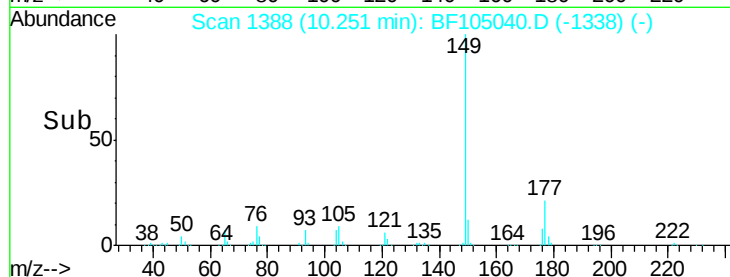
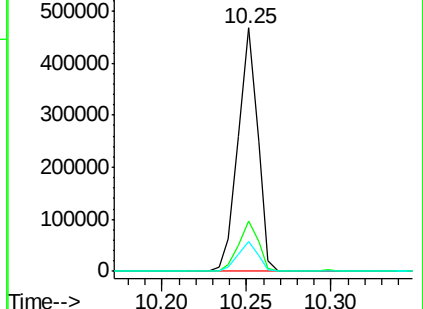
150 12.4 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 36.563 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

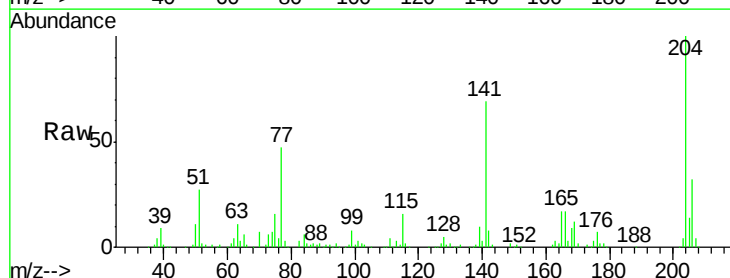
Tgt Ion:204 Resp: 161554

Ion Ratio Lower Upper

204 100

206 31.7 26.5 39.7

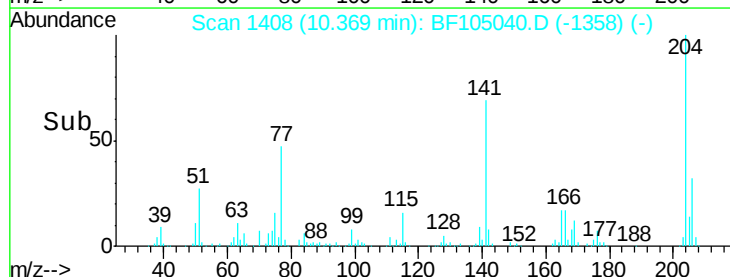
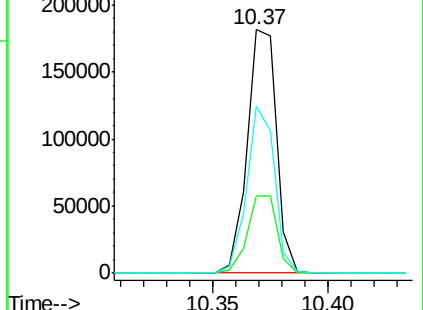
141 68.5 54.6 81.8



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

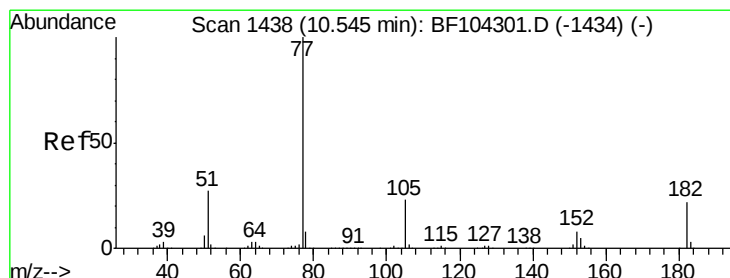
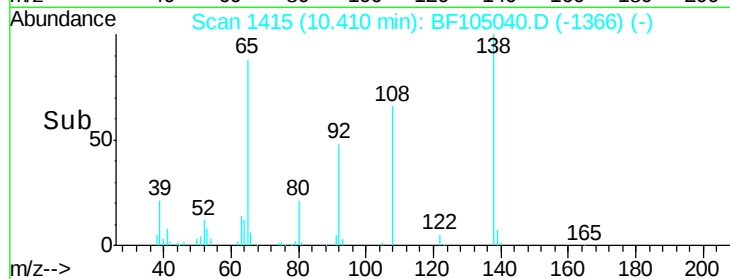
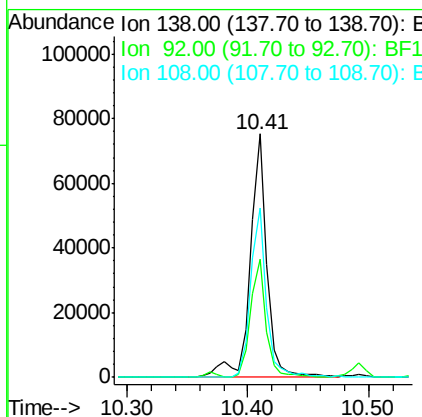
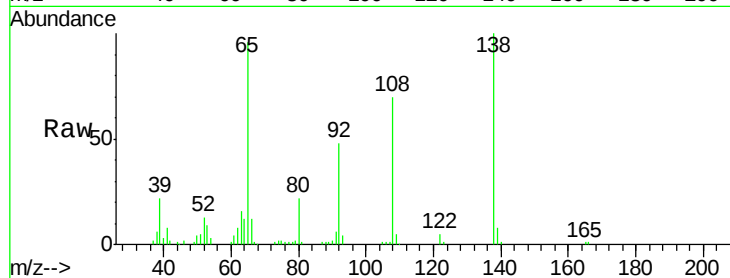




#61
4-Nitroaniline
Concen: 28.337 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

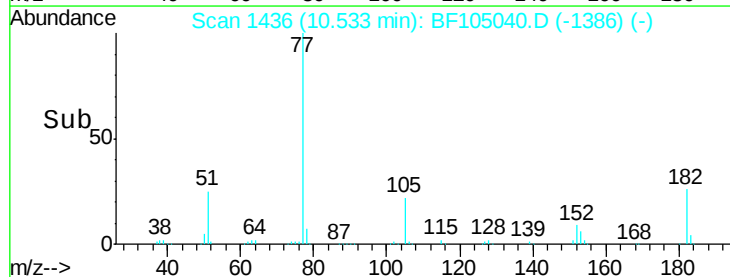
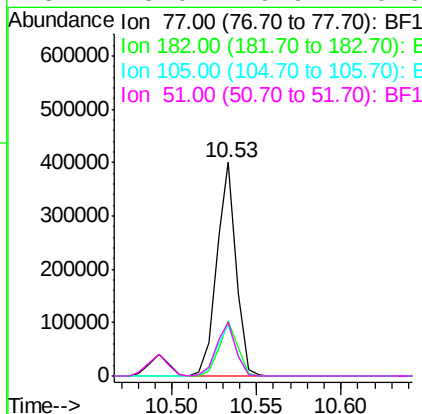
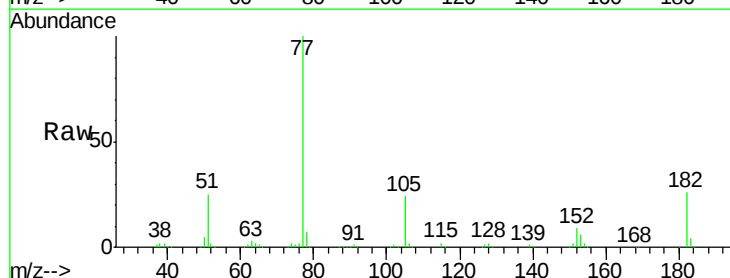
Instrument :
BNA_F
ClientSampleId :
PB108708BS

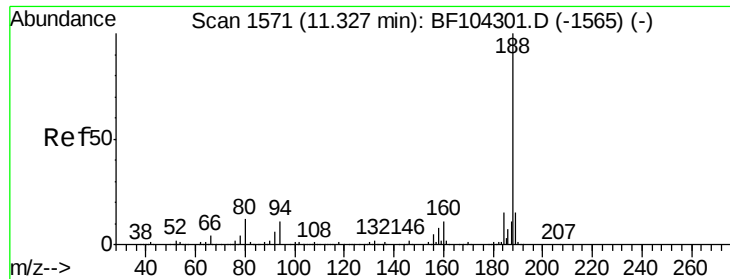
Tot Ion:138 Resp: 72880
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 69.7 52.5 92.5



#62
Azobenzene
Concen: 27.734 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion: 77 Resp: 320422
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 23.8 3.0 43.0
51 25.0 9.9 49.9

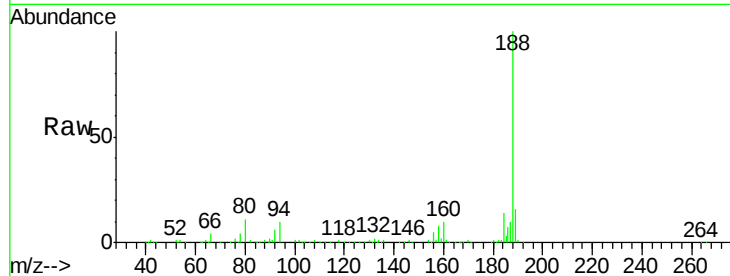




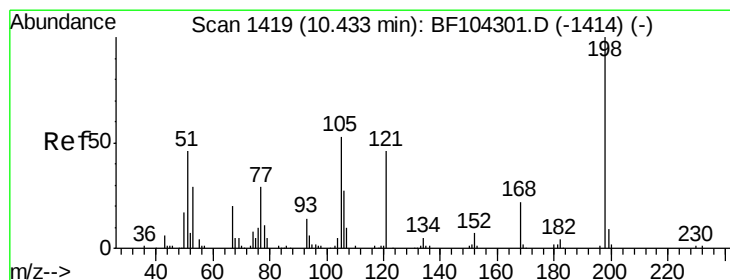
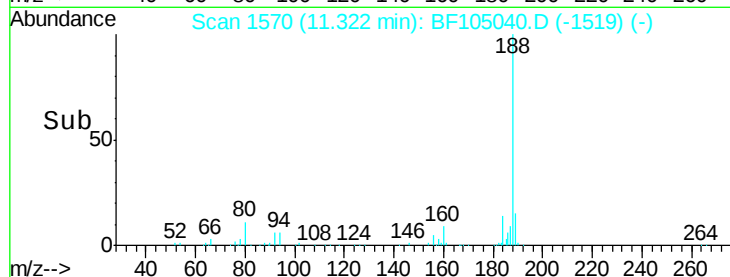
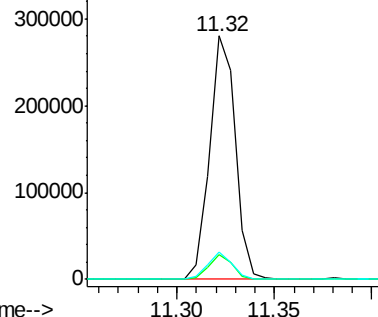
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:188 Resp: 255413
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8

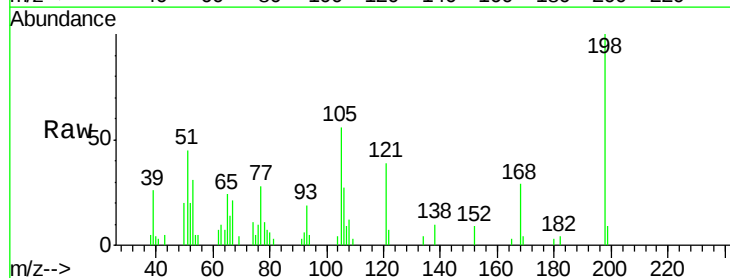


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

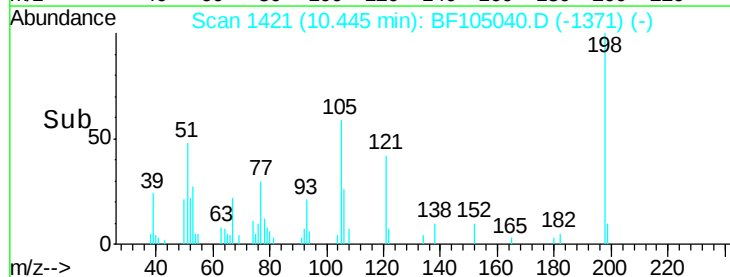
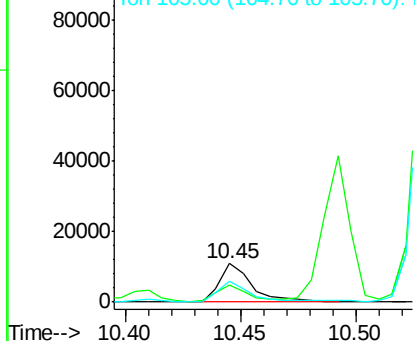


#64
4,6-Dinitro-2-methylphenol
Concen: 14.617 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:198 Resp: 10678
Ion Ratio Lower Upper
198 100
51 44.8 37.7 77.7
105 55.7 36.3 76.3



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

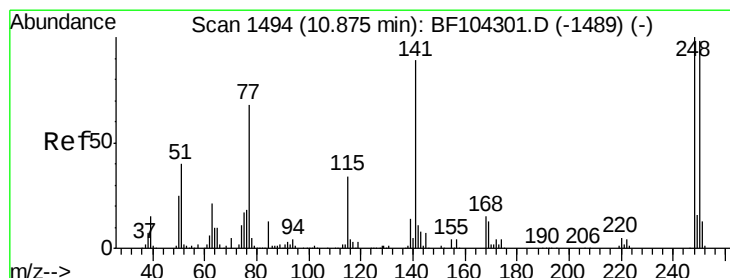
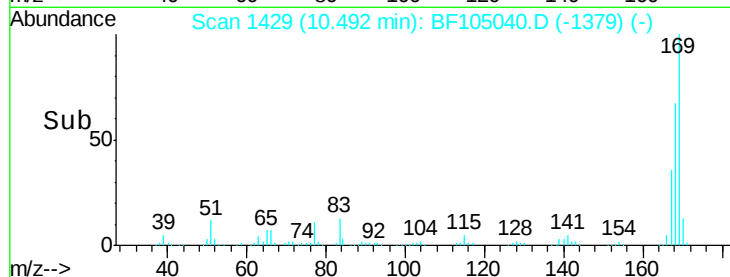
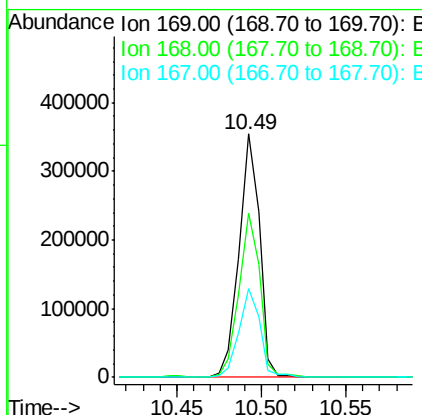
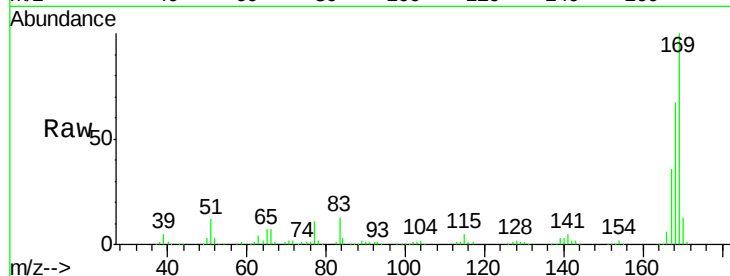




#65
 n-Nitrosodiphenylamine
 Concen: 33.757 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

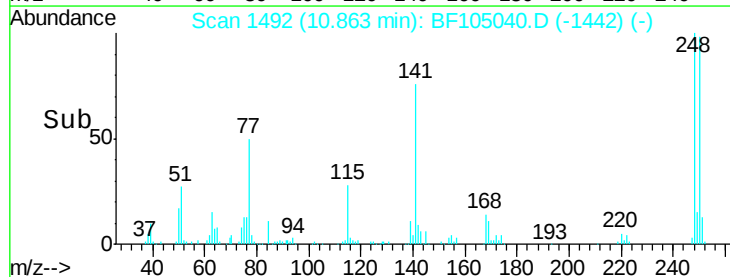
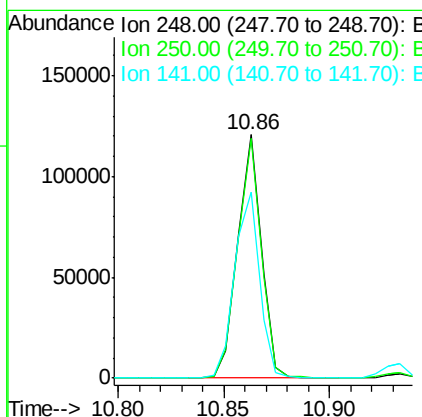
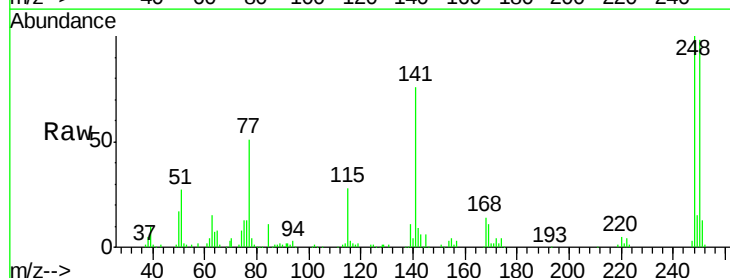
Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 34.465 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	76.2	74.4	111.6

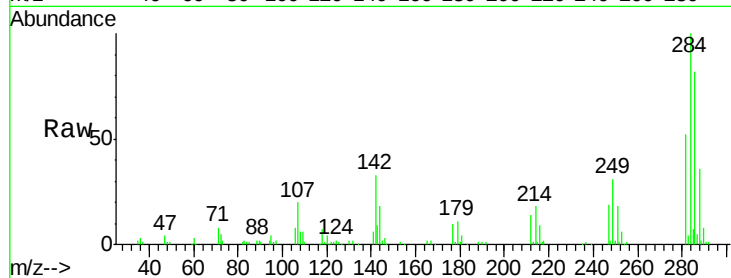




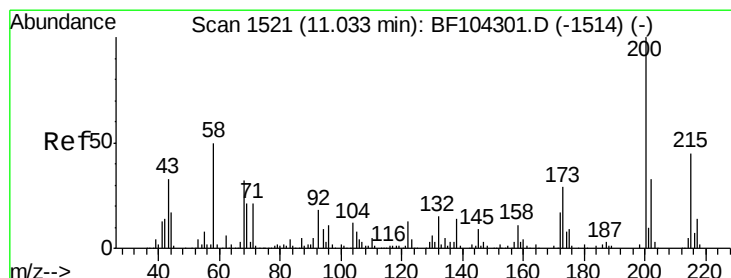
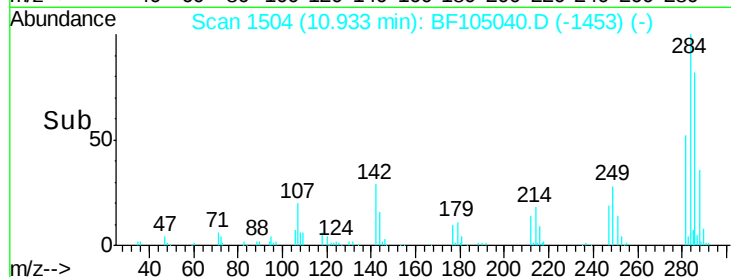
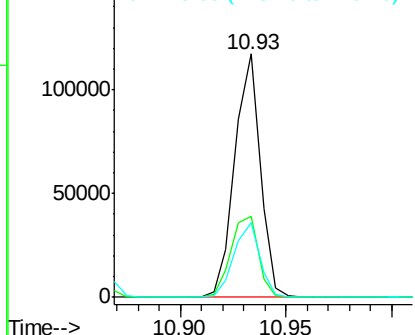
#67
Hexachlorobenzene
Concen: 32.074 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:284 Resp: 98049
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 30.7 24.8 37.2

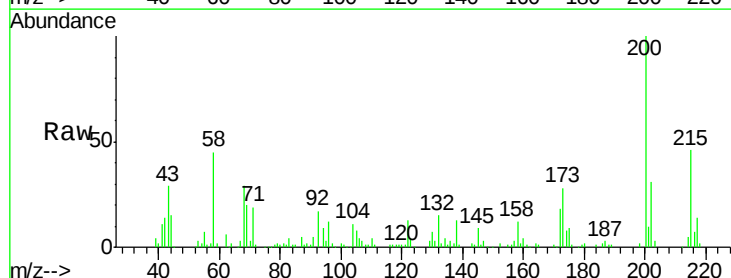


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

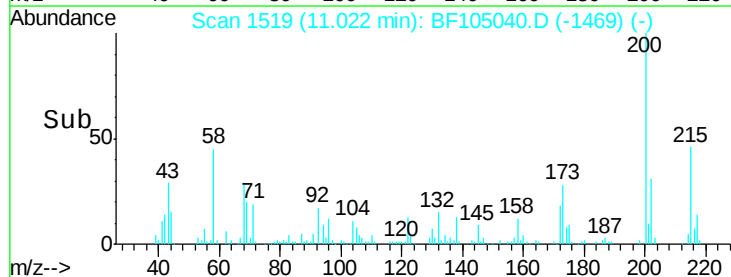
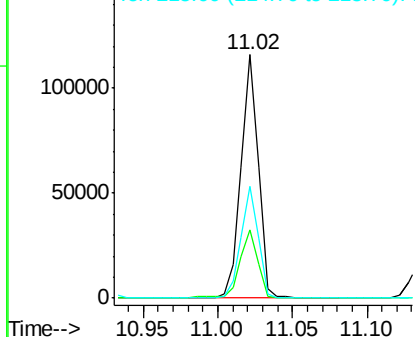


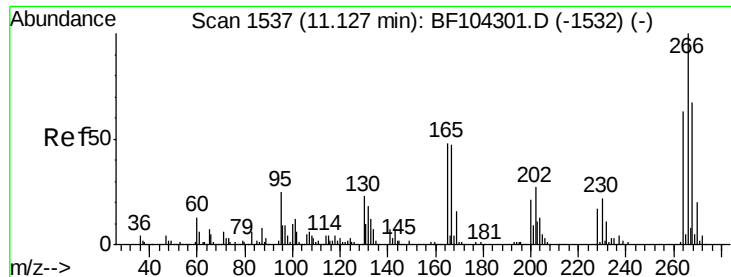
#68
Atrazine
Concen: 35.274 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:200 Resp: 94292
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 45.9 25.1 65.1



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

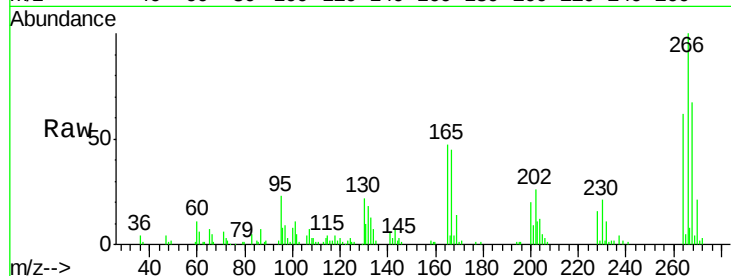




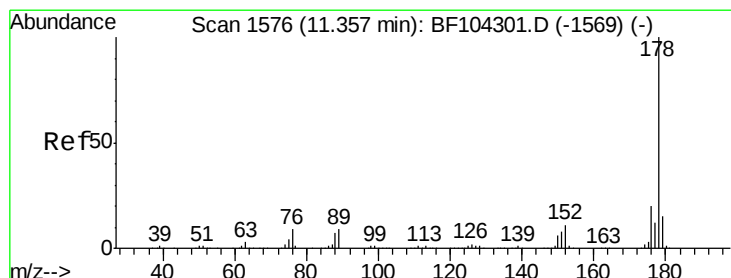
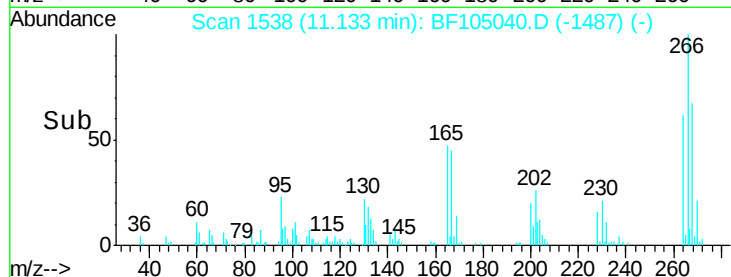
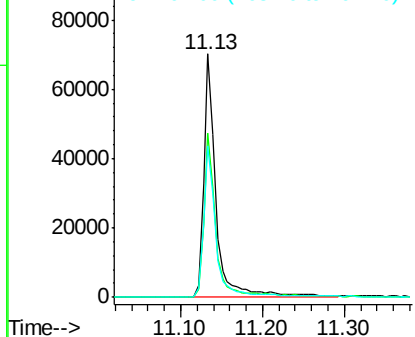
#69
 Pentachlorophenol
 Concen: 39.465 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion:266 Resp: 74636
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.1 76.7
 264 62.0 49.5 74.3

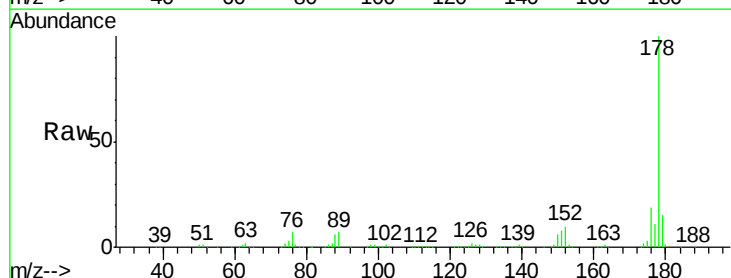


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

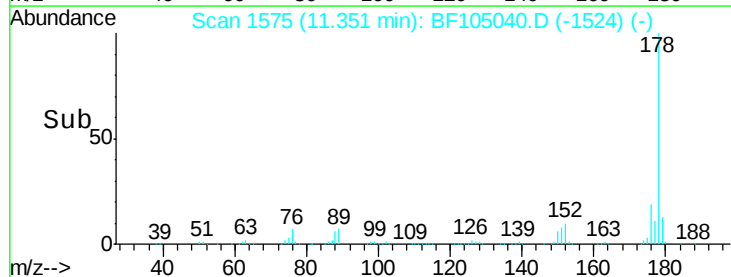
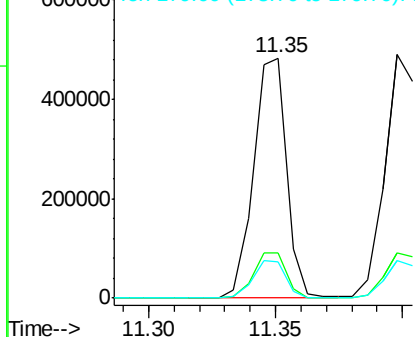


#70
 Phenanthrene
 Concen: 30.894 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion:178 Resp: 439436
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.1 13.0 19.6



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

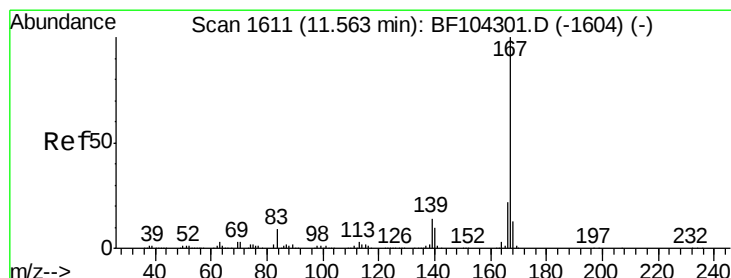
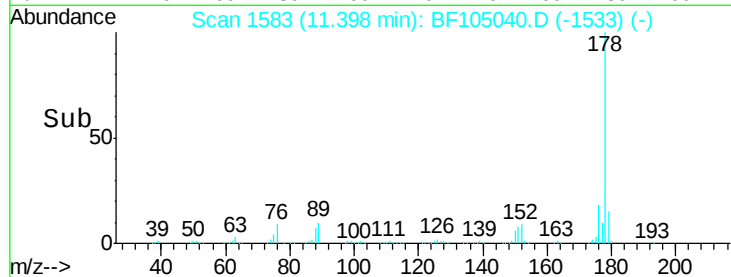
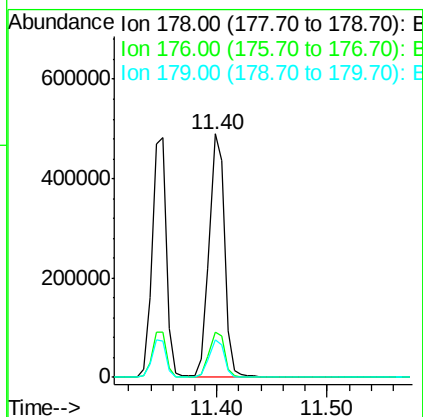
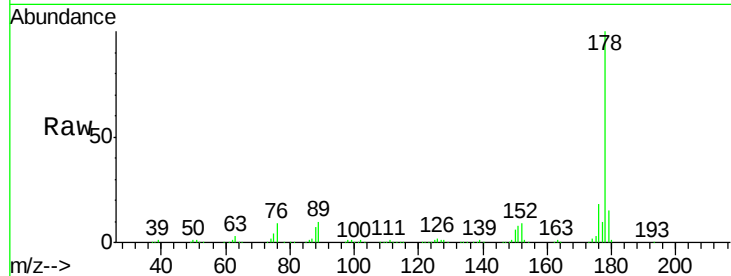




#71
 Anthracene
 Concen: 32.035 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

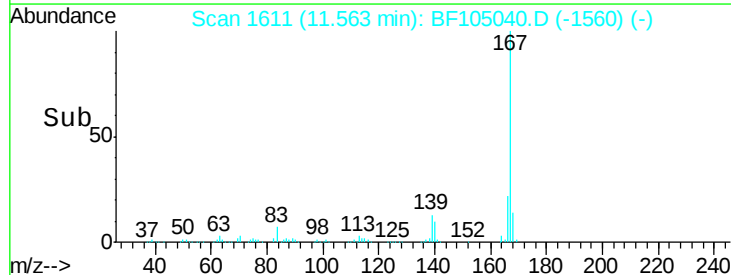
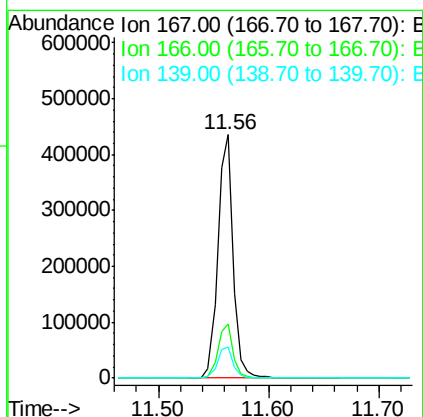
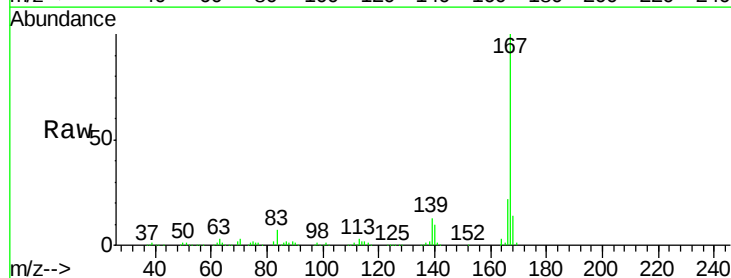
Instrument :
 BNA_F
 ClientSampleId :
 PB108708BS

Tot Ion:178 Resp: 463184
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 29.382 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF105040.D
 Acq: 2 May 2018 19:23

Tgt Ion:167 Resp: 415131
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.113 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

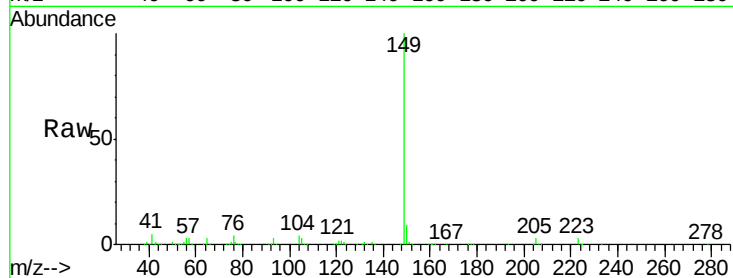
Tot Ion:149 Resp: 554243

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

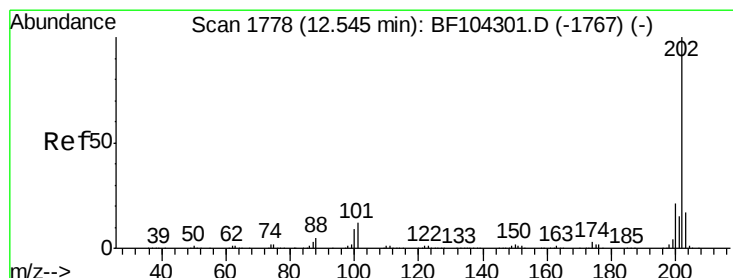
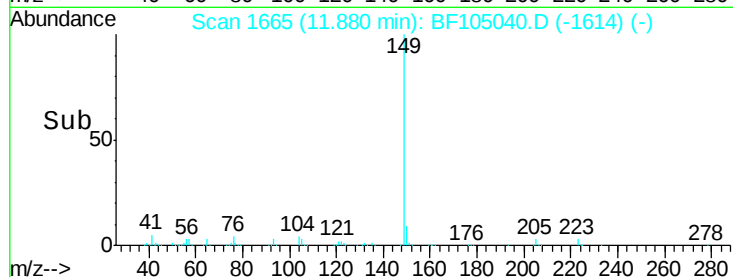
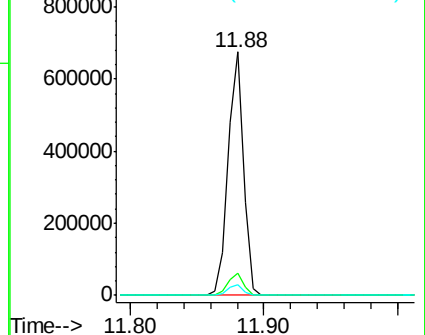
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.805 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

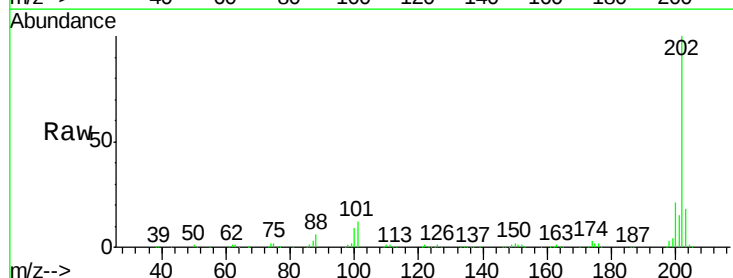
Tgt Ion:202 Resp: 428067

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

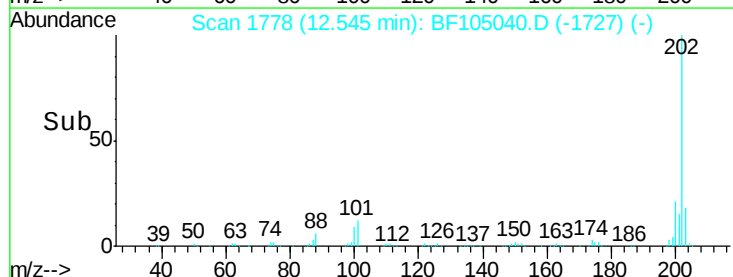
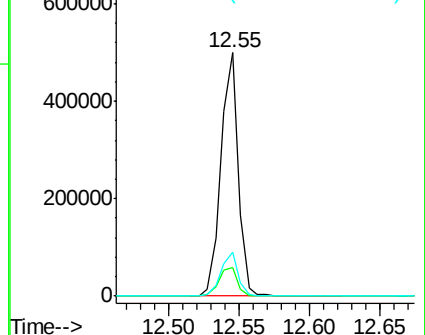
203 17.8 0.0 38.1

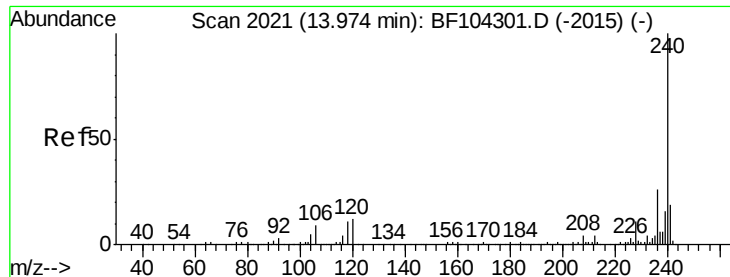


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

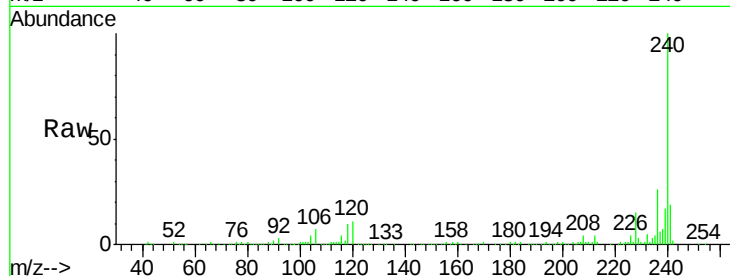
Tot Ion:240 Resp: 183843

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

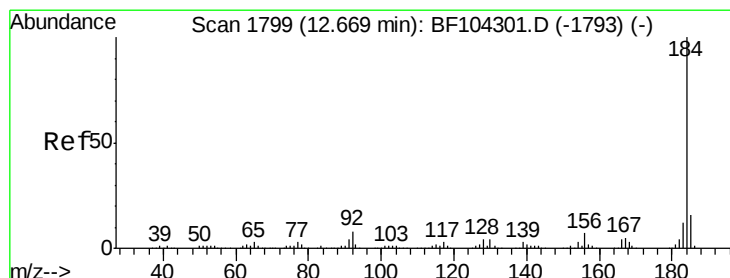
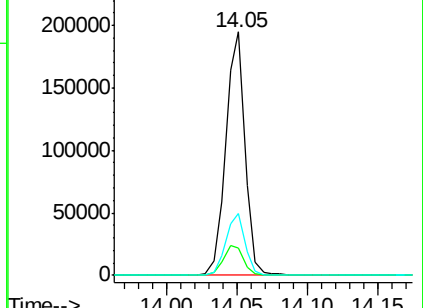
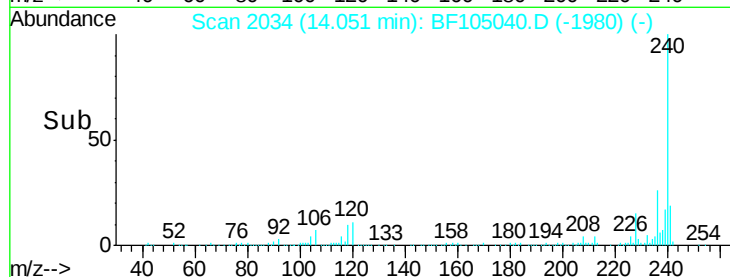
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.446 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

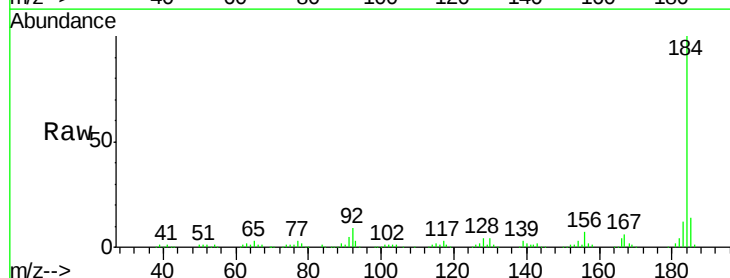
Tgt Ion:184 Resp: 242253

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

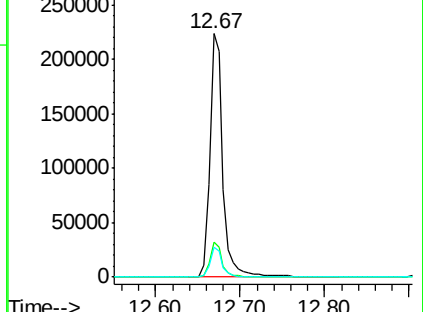
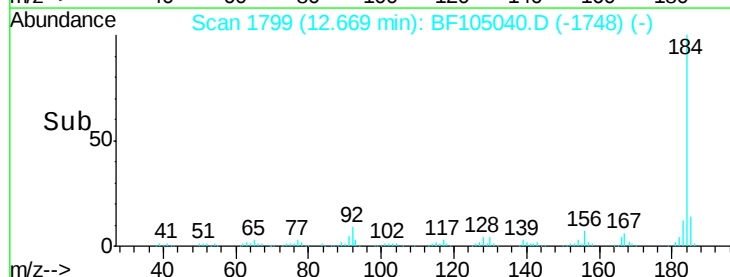
183 12.1 9.3 13.9

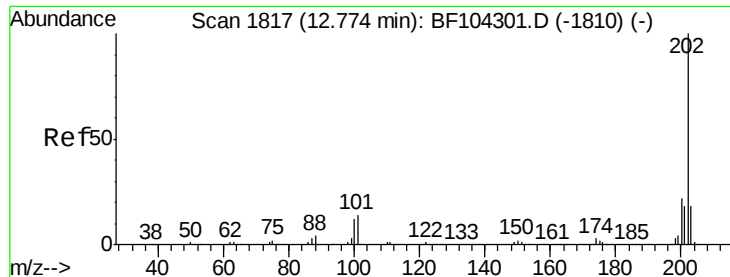


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.051 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

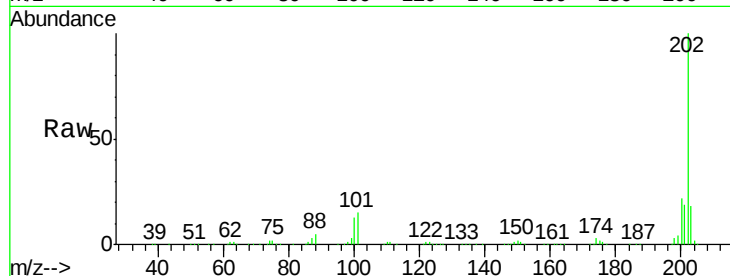
Tot Ion:202 Resp: 423128

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

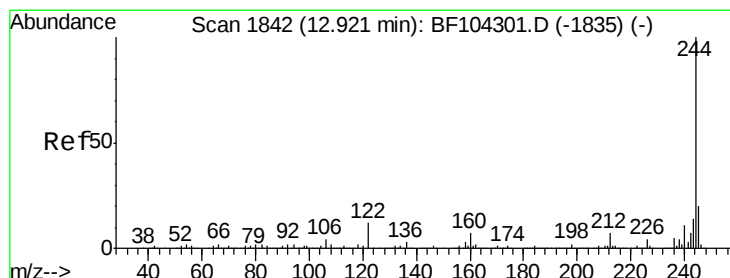
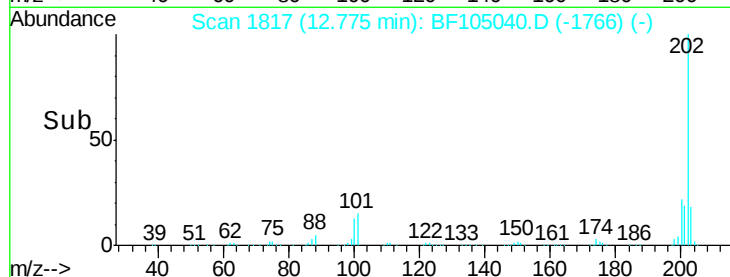
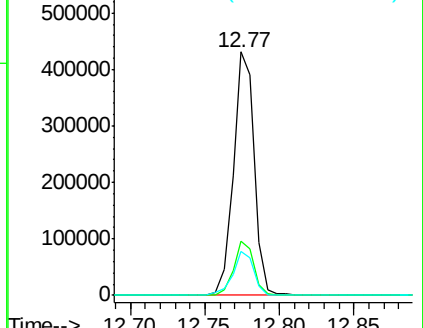
203 18.1 14.3 21.5



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



#78

Terphenyl-d14

Concen: 86.859 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

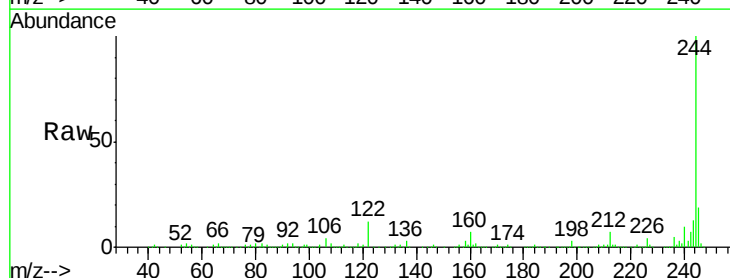
Tgt Ion:244 Resp: 700425

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

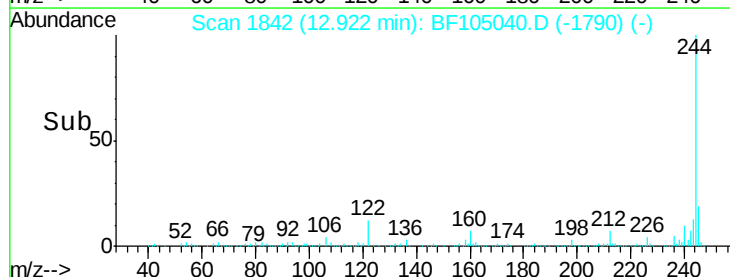
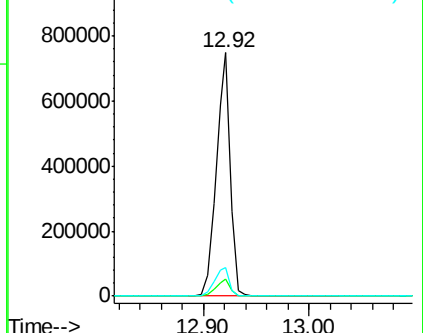
122 11.7 11.0 16.4



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

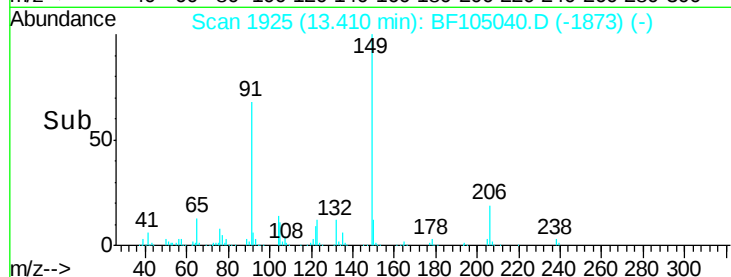
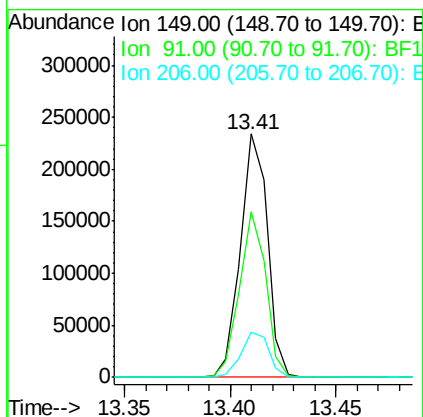
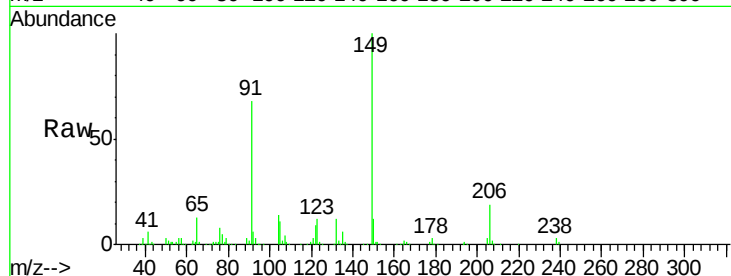




#79
Butylbenzylphthalate
Concen: 32.311 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

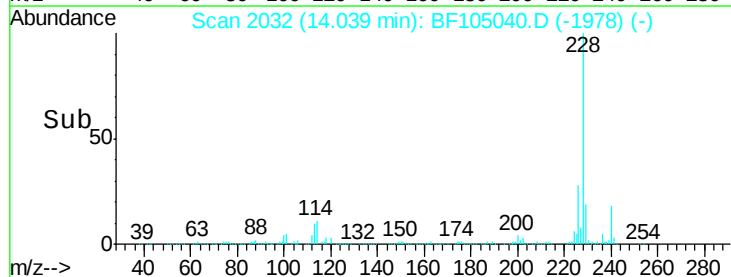
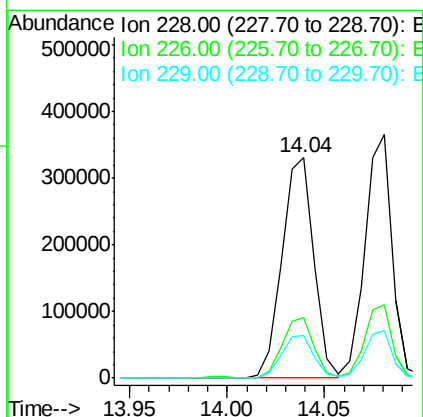
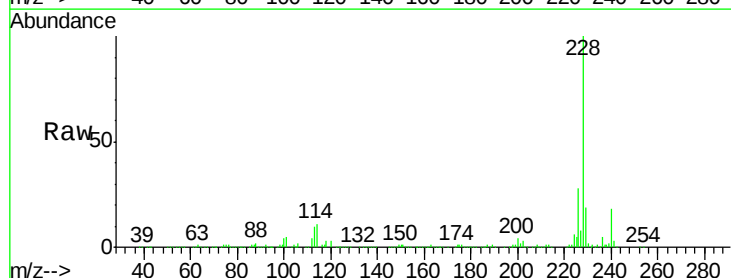
Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:149 Resp: 207437
Ion Ratio Lower Upper
149 100
91 68.1 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.860 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:228 Resp: 371885
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 30.584 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

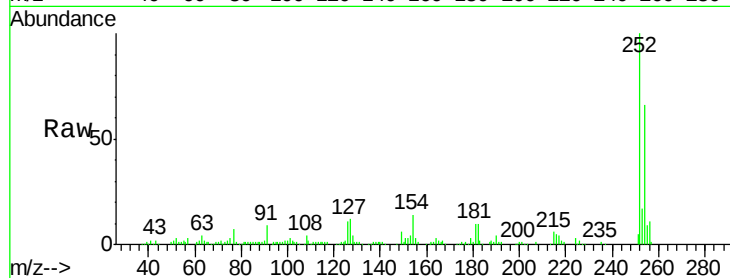
Tot Ion:252 Resp: 125244

Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

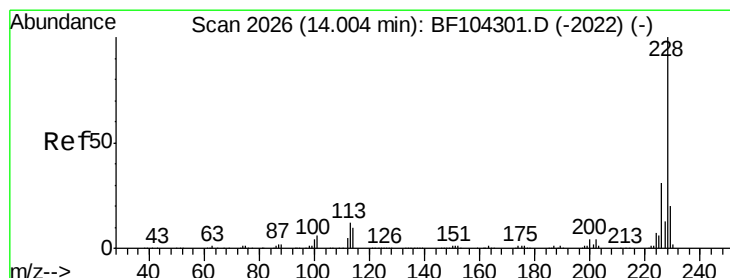
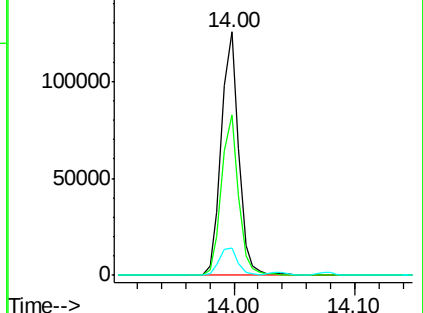
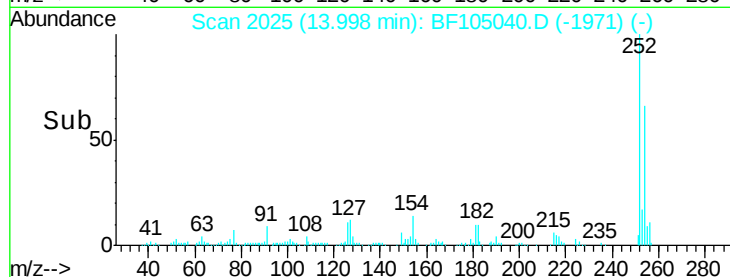
126 11.4 11.3 16.9



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



#82

Chrysene

Concen: 31.251 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

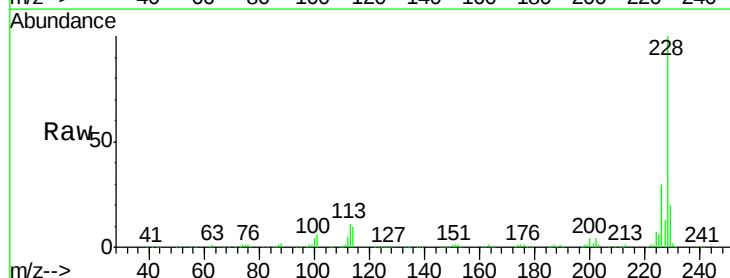
Tgt Ion:228 Resp: 352547

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

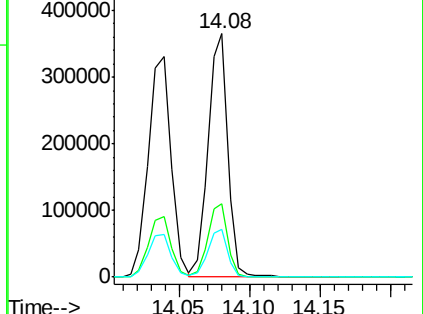
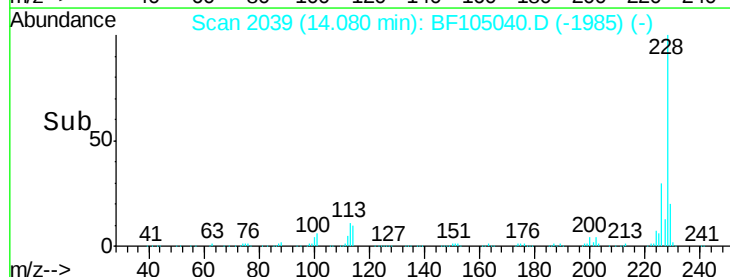
229 19.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.401 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

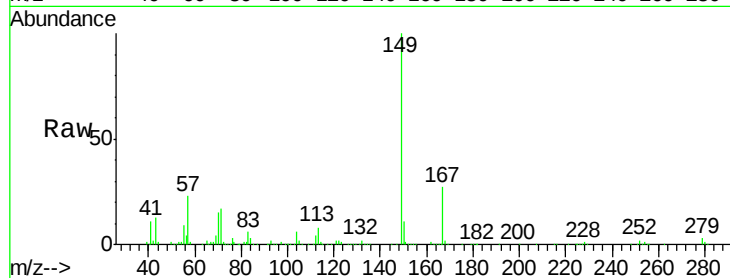
Tot Ion:149 Resp: 292330

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

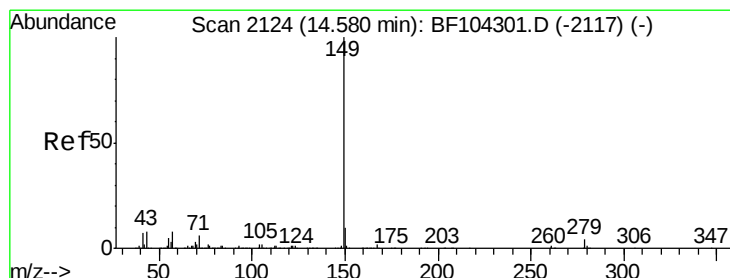
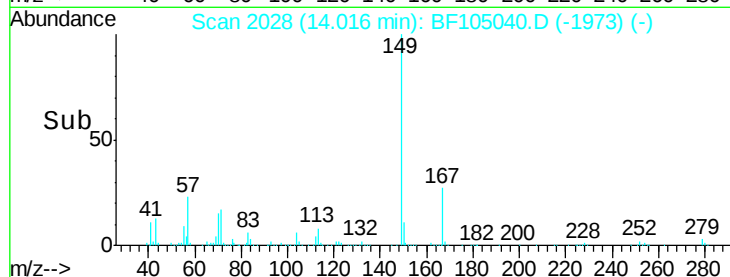
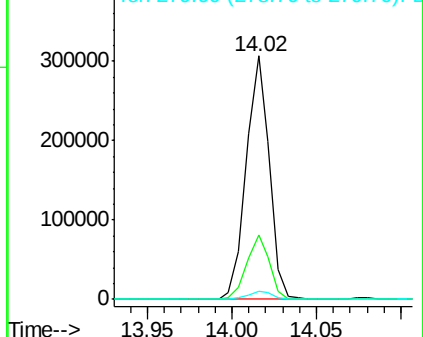
279 3.5 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 35.270 ng

RT: 14.72 min Scan# 2148

Delta R.T. 0.04 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

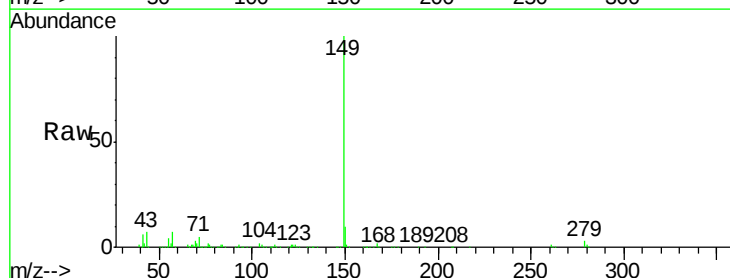
Tgt Ion:149 Resp: 486646

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

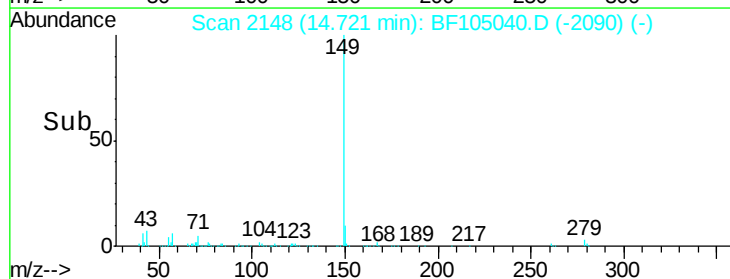
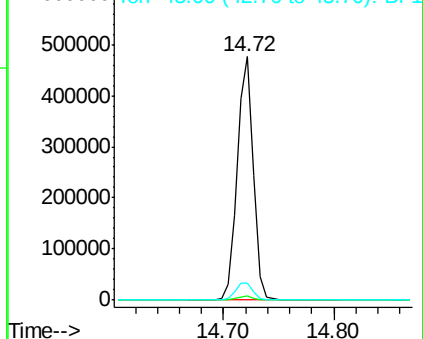
43 7.5 8.4 12.6#

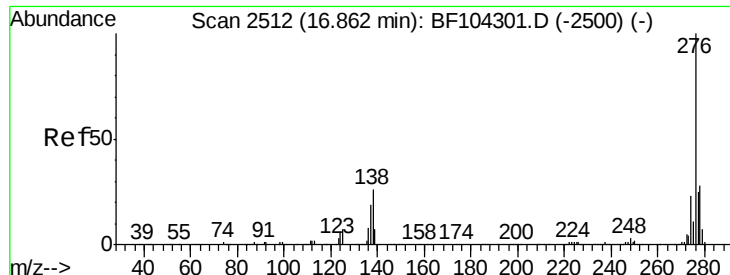


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.398 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.05 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

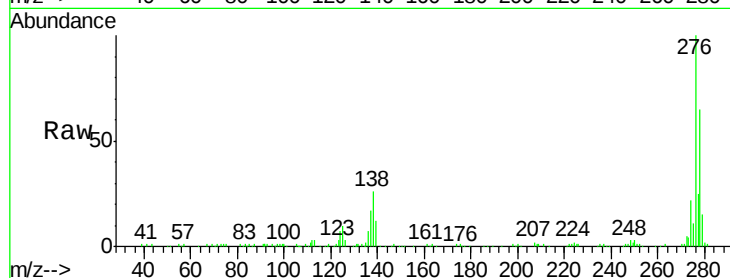
Tot Ion:276 Resp: 262562

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

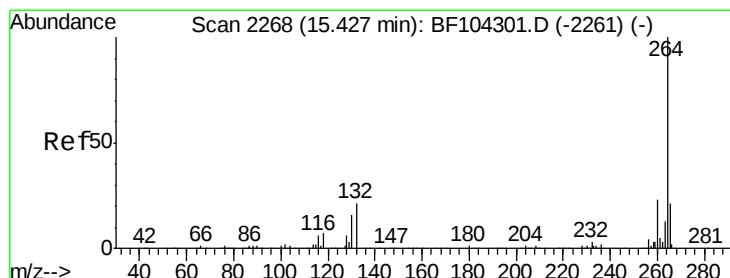
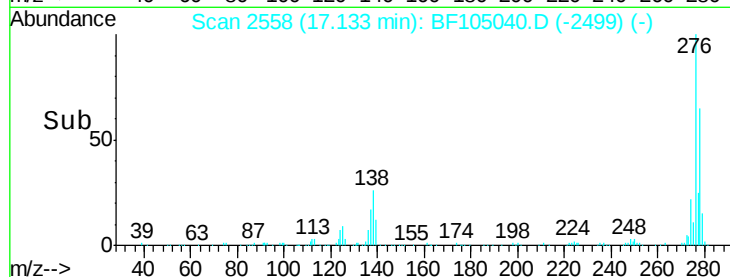
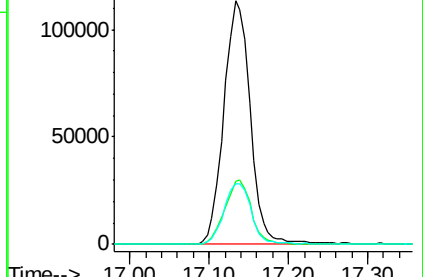
277 25.6 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.05 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

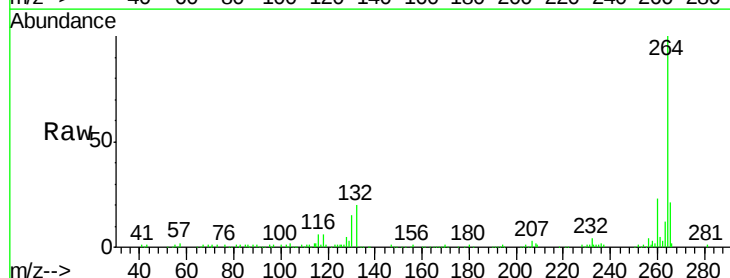
Tgt Ion:264 Resp: 148157

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

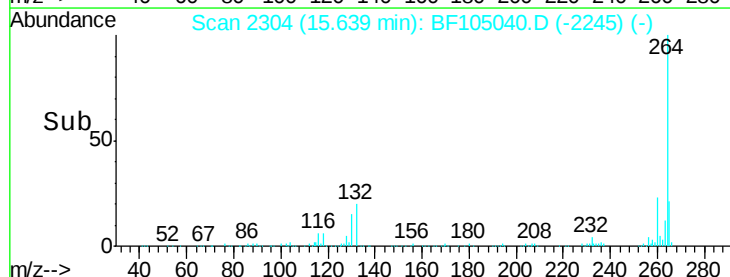
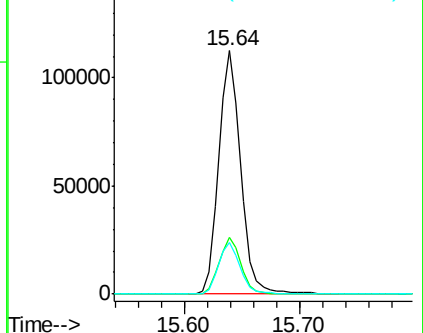
265 21.0 17.5 26.3



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

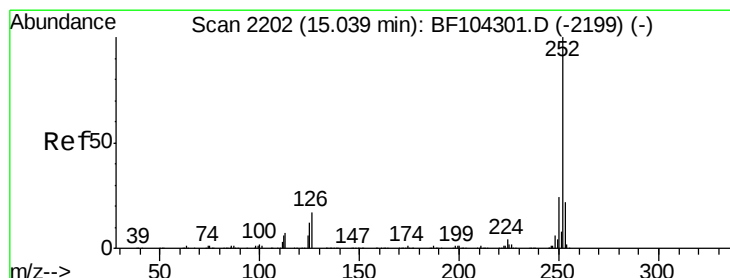
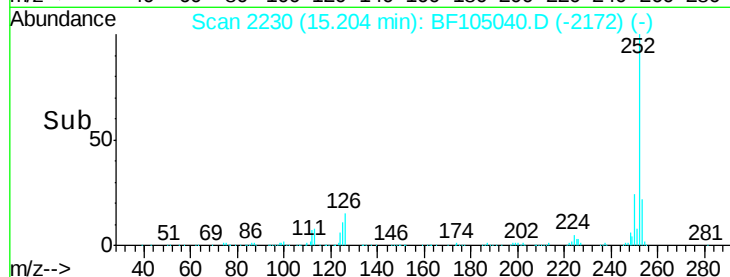
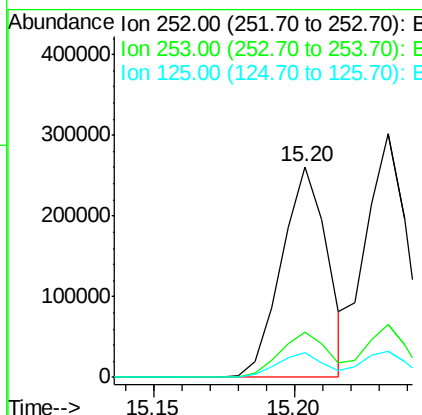
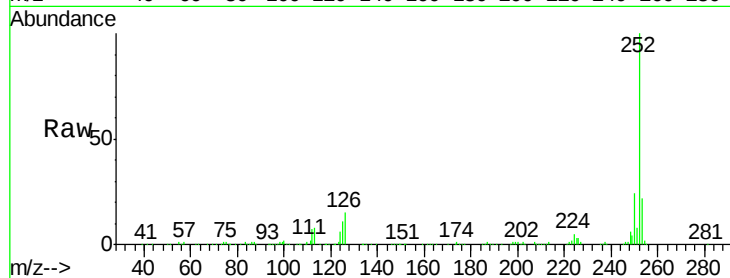




#87
Benzo(b)fluoranthene
Concen: 31.495 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.04 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

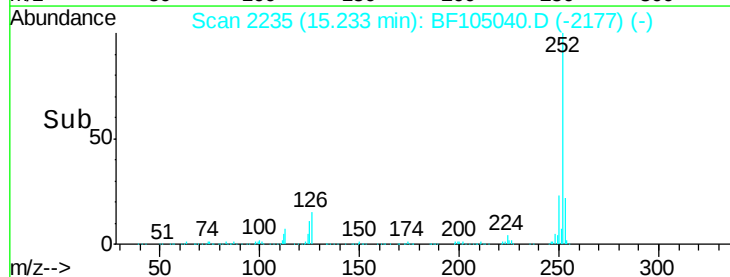
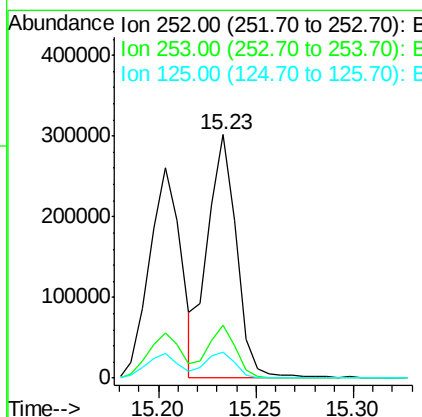
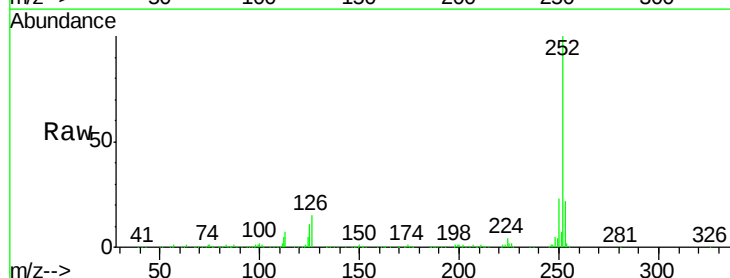
Instrument :
BNA_F
ClientSampleId :
PB108708BS

Tot Ion:252 Resp: 294705
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.910 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.04 min
Lab File: BF105040.D
Acq: 2 May 2018 19:23

Tgt Ion:252 Resp: 308404
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 32.992 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.05 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

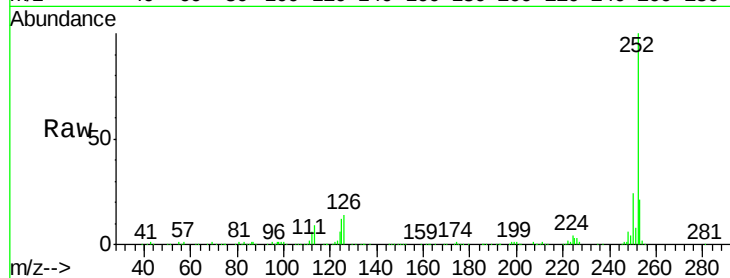
Tot Ion:252 Resp: 276228

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

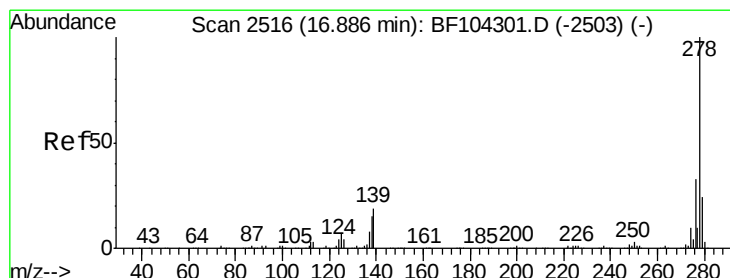
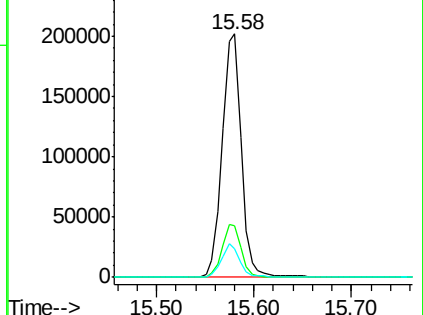
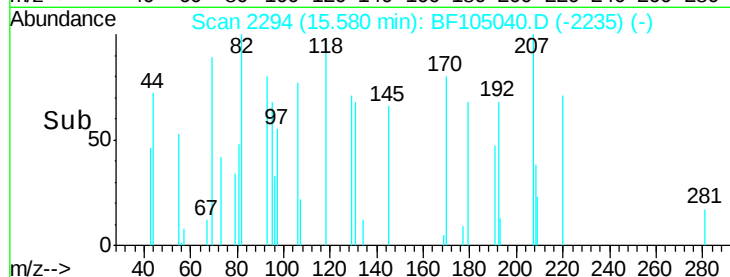
125 11.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 32.431 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.05 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

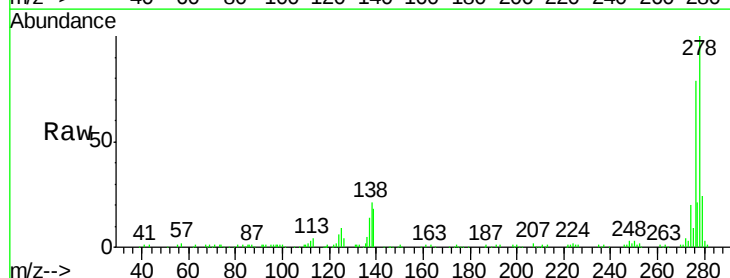
Tgt Ion:278 Resp: 223006

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

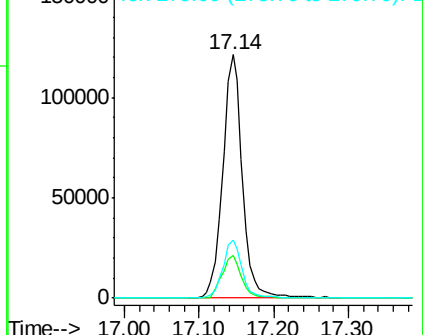
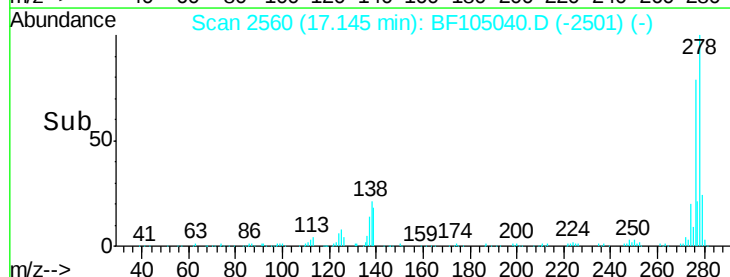
279 23.6 19.0 28.4

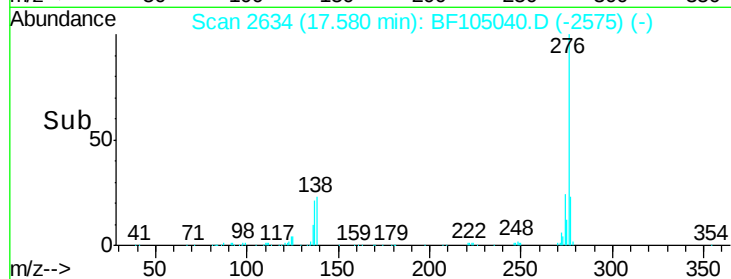
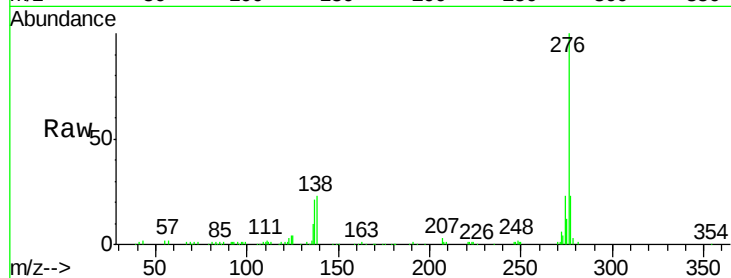
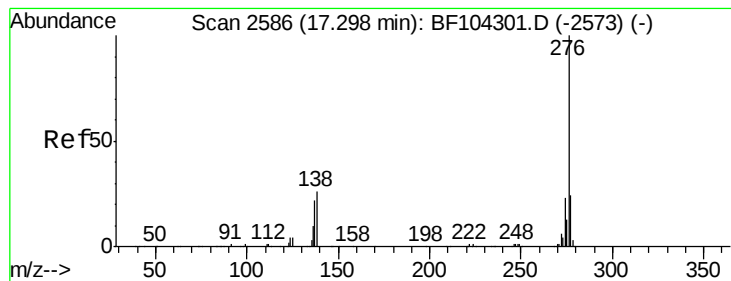


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.278 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.05 min

Lab File: BF105040.D

Acq: 2 May 2018 19:23

Instrument :

BNA_F

ClientSampleId :

PB108708BS

Tot Ion:276 Resp: 208375

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.0 21.8 32.8

