

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105065.D
 Acq On : 3 May 2018 7:21
 Operator : JU/SJ
 Sample : PB108808BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

Quant Time: May 03 08:59:23 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	80346	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	324406	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	142080	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	234790	20.00	ng	0.00
75) Chrysene-d12	14.03	240	181856	20.00	ng	0.00
86) Perylene-d12	15.59	264	149797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	503235	95.77	ng	0.00
7) Phenol-d6	6.43	99	600790	93.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	515750	103.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	148295	100.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	985499	109.58	ng	0.00
78) Terphenyl-d14	12.92	244	851126	106.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	74058	30.247	ng	# 87
3) Pyridine	3.23	79	226170	32.855	ng	# 85
4) n-Nitrosodimethylamine	3.20	42	88905	36.946	ng	# 72
6) Aniline	6.46	93	292786	32.641	ng	100
8) 2-Chlorophenol	6.57	128	269434	48.581	ng	94
9) Benzaldehyde	6.34	77	163385	58.705	ng	98
10) Phenol	6.45	94	324801	47.414	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	231696	42.384	ng	92
12) 1,3-Dichlorobenzene	6.73	146	266966	42.490	ng	97
13) 1,4-Dichlorobenzene	6.80	146	271722	43.384	ng	99
14) 1,2-Dichlorobenzene	6.96	146	256149	44.133	ng	99
15) Benzyl Alcohol	6.94	79	204501	41.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	262287	35.727	ng	57
17) 2-Methylphenol	7.05	107	218649	45.354	ng	95
18) Hexachloroethane	7.29	117	86162	38.584	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	164088	38.894	ng	93
20) 3+4-Methylphenols	7.21	107	274587	45.924	ng	# 80
22) Acetophenone	7.20	105	347349	43.491	ng	# 99
24) Nitrobenzene	7.38	77	256003	46.673	ng	94
25) Isophorone	7.62	82	469785	44.717	ng	98
26) 2-Nitrophenol	7.69	139	140122	62.751	ng	93
27) 2,4-Dimethylphenol	7.73	122	237244	51.169	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	308843	48.082	ng	98
29) 2,4-Dichlorophenol	7.94	162	225911	51.066	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	221773	45.679	ng	99
31) Naphthalene	8.10	128	739048	45.751	ng	99
32) Benzoic acid	7.87	122	121860	32.940	ng	97
33) 4-Chloroaniline	8.15	127	157405	22.745	ng	96
34) Hexachlorobutadiene	8.20	225	122485	46.059	ng	98
35) Caprolactam	8.53	113	73750	47.788	ng	# 69
36) 4-Chloro-3-methylphenol	8.65	107	240714	50.745	ng	95
37) 2-Methylnaphthalene	8.79	142	496370	47.504	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	216693	53.279	ng	98
40) Hexachlorocyclopentadiene	8.93	237	29318	12.876	ng	96

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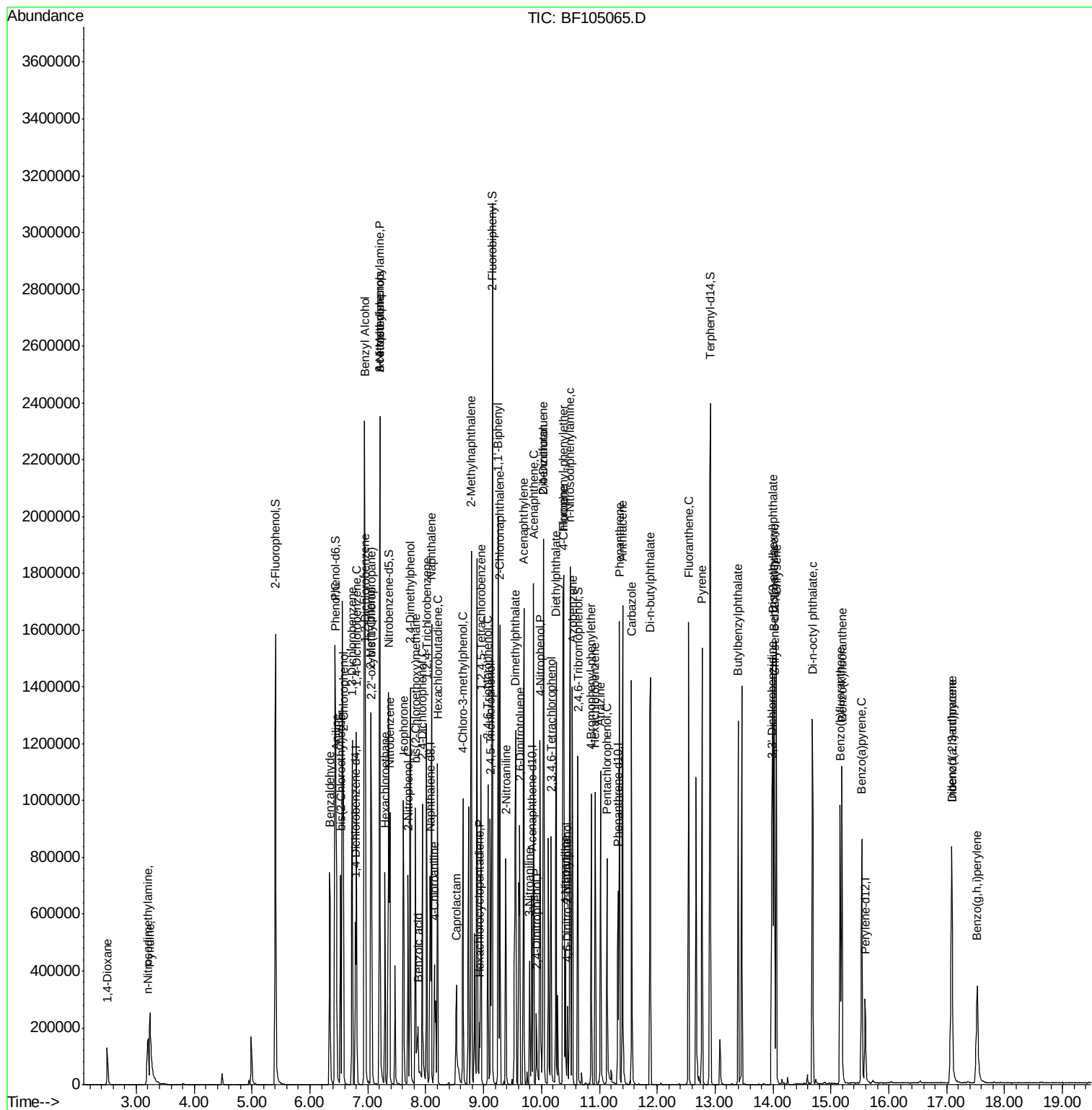
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	147674	52.304	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	156649	49.581	ng	97
45) 1,1'-Biphenyl	9.25	154	596187	49.950	ng	99
46) 2-Chloronaphthalene	9.28	162	459016	48.688	ng	98
47) 2-Nitroaniline	9.39	65	133777	57.379	ng	# 82
48) Acenaphthylene	9.69	152	679988	45.971	ng	100
49) Dimethylphthalate	9.55	163	560790	50.052	ng	100
50) 2,6-Dinitrotoluene	9.63	165	122623	59.147	ng	# 80
51) Acenaphthene	9.86	154	394341	43.694	ng	99
52) 3-Nitroaniline	9.79	138	74456	30.677	ng	97
53) 2,4-Dinitrophenol	9.91	184	44268	59.245	ng	# 23
54) Dibenzofuran	10.04	168	595880	47.378	ng	99
55) 4-Nitrophenol	9.97	139	150672	79.028	ng	91
56) 2,4-Dinitrotoluene	10.03	165	144622	53.181	ng	93
57) Fluorene	10.38	166	474787	51.863	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	114815	48.711	ng	94
59) Diethylphthalate	10.25	149	533905	47.847	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	229836	56.374	ng	99
61) 4-Nitroaniline	10.42	138	109959	46.335	ng	89
62) Azobenzene	10.53	77	462529	43.386	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	38218	35.654	ng	79
65) n-Nitrosodiphenylamine	10.49	169	430301	52.858	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	135379	54.208	ng	# 90
67) Hexachlorobenzene	10.93	284	142125	50.576	ng	# 88
68) Atrazine	11.02	200	137348	55.895	ng	100
69) Pentachlorophenol	11.13	266	115867	66.648	ng	97
70) Phenanthrene	11.35	178	646542	49.448	ng	99
71) Anthracene	11.40	178	664213	49.974	ng	99
72) Carbazole	11.56	167	598746	46.101	ng	99
73) Di-n-butylphthalate	11.88	149	800434	50.452	ng	98
74) Fluoranthene	12.54	202	629475	46.078	ng	98
76) Benzidine	12.67	184	486648	Below	Cal	98
77) Pyrene	12.77	202	630067	46.742	ng	100
79) Butylbenzylphthalate	13.40	149	306670	48.290	ng	98
80) Benzo(a)anthracene	14.02	228	576454	53.060	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	210687	52.011	ng	97
82) Chrysene	14.06	228	555613	49.789	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	427597	52.348	ng	100
84) Di-n-octyl phthalate	14.68	149	721293	52.847	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.08	276	423938	44.721	ng	95
87) Benzo(b)fluoranthene	15.16	252	509332	53.835	ng	99
88) Benzo(k)fluoranthene	15.19	252	479070	53.636	ng	97
89) Benzo(a)pyrene	15.53	252	450770	53.250	ng	99
90) Dibenzo(a,h)anthracene	17.09	278	361682	52.022	ng	97
91) Benzo(g,h,i)perylene	17.53	276	339860	50.456	ng	95

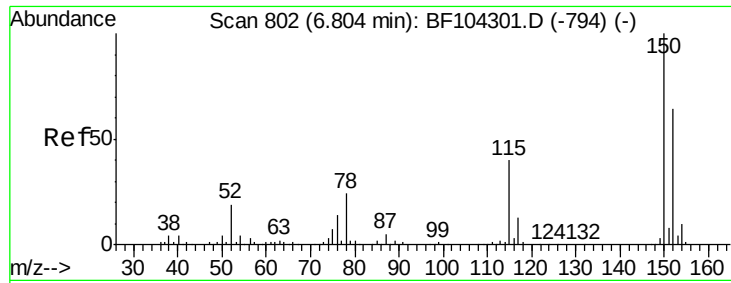
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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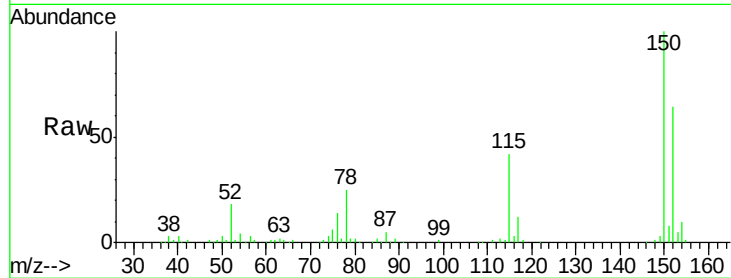


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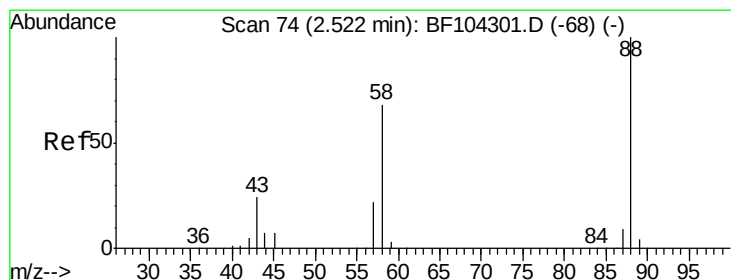
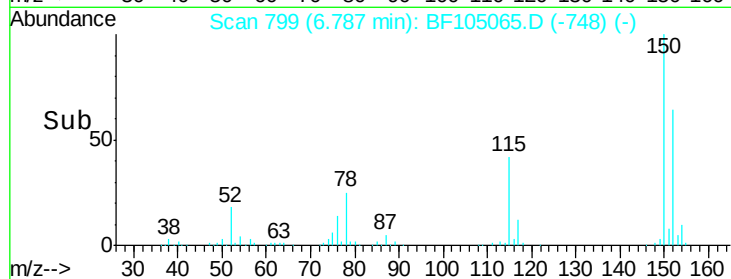
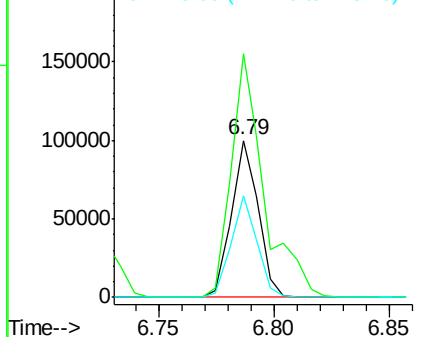
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:152 Resp: 80346
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 64.9 50.1 75.1



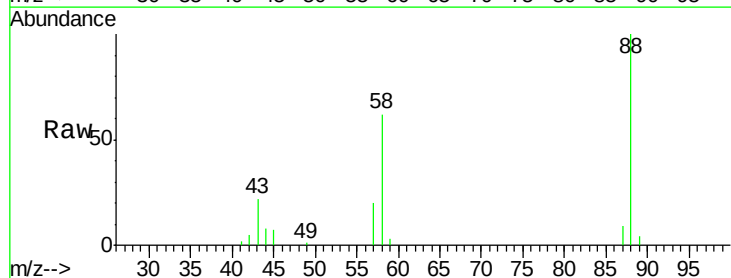
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



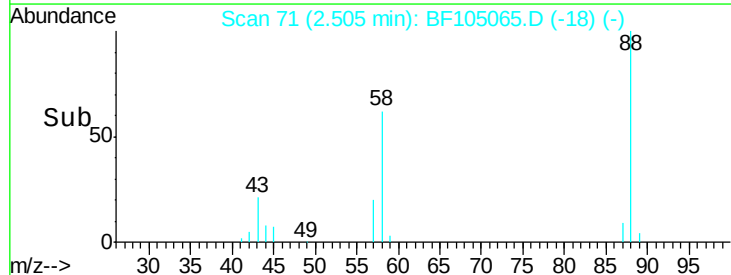
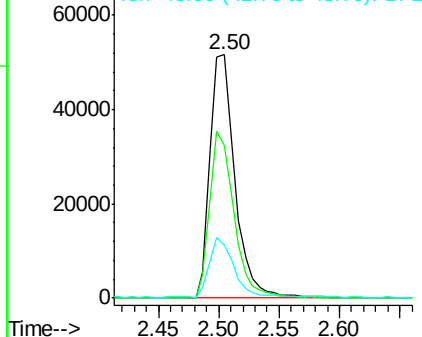
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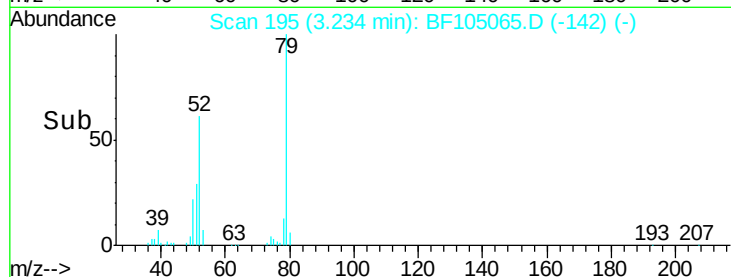
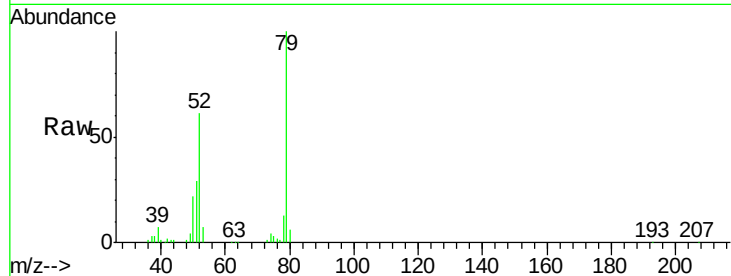
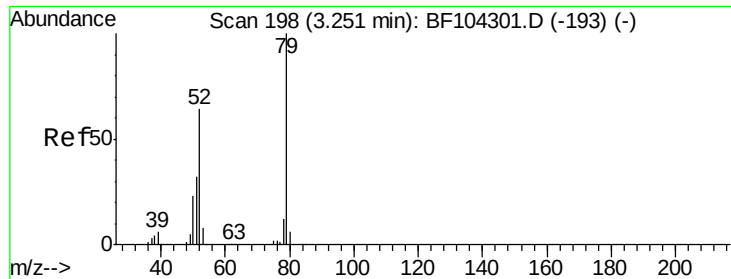
1,4-Dioxane
Concen: 30.247 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion: 88 Resp: 74058
Ion Ratio Lower Upper
88 100
58 66.6 62.6 93.8
43 23.5 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

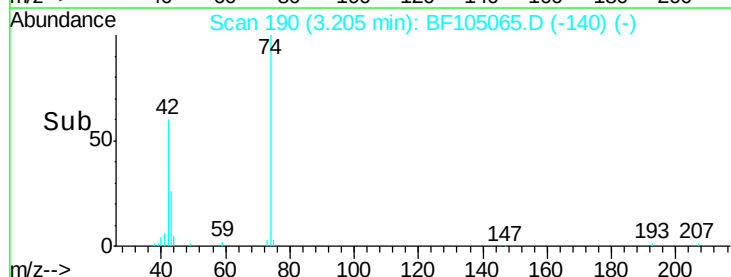
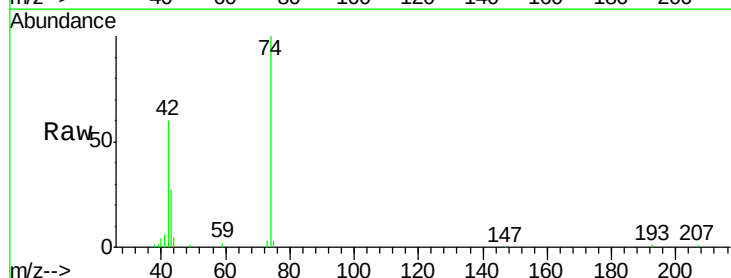
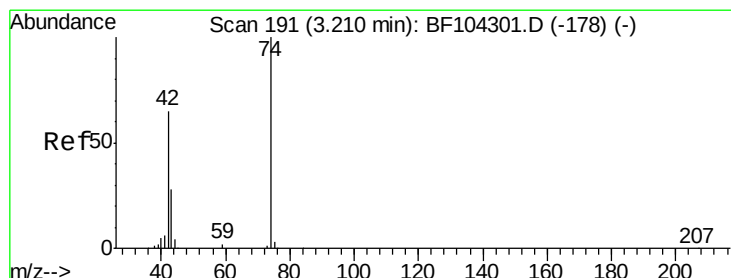
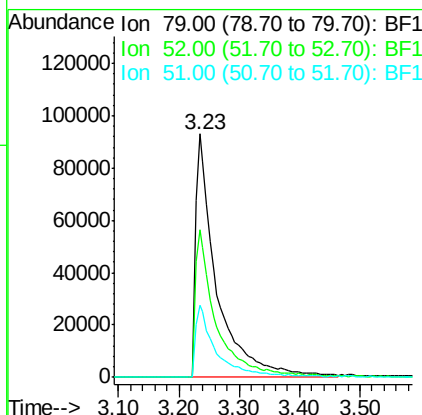




#3
 Pvridine
 Concen: 32.855 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

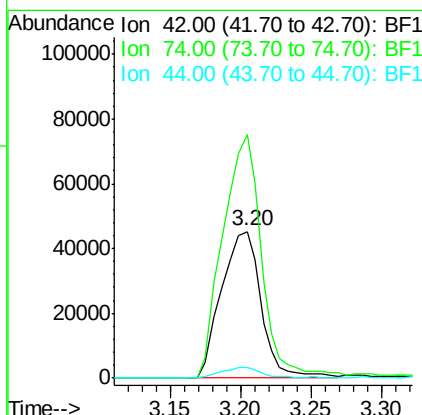
Instrument :
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 ClientSampleId :
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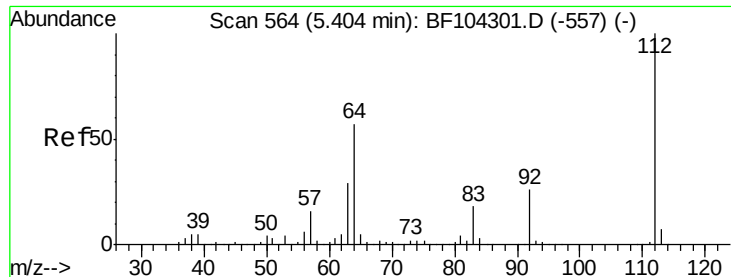
Tot Ion: 79 Resp: 226170
 Ion Ratio Lower Upper
 79 100
 52 60.8 59.8 89.6
 51 29.5 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 36.946 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion: 42 Resp: 88905
 Ion Ratio Lower Upper
 42 100
 74 166.4 104.9 157.3#
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 95.770 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

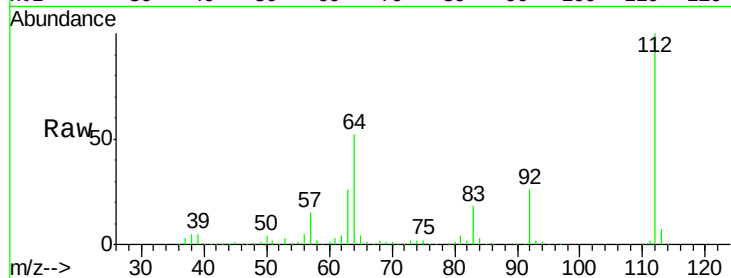
Tot Ion: 112 Resp: 503235

Ion Ratio Lower Upper

112 100

64 52.3 47.9 71.9

63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

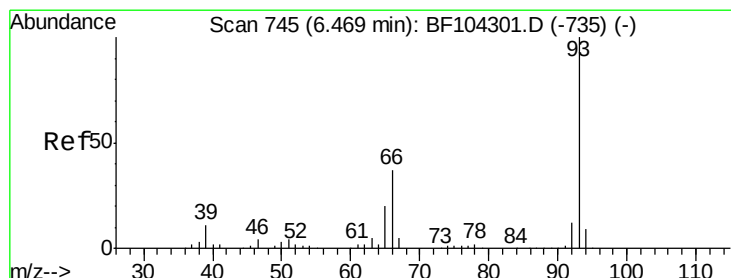
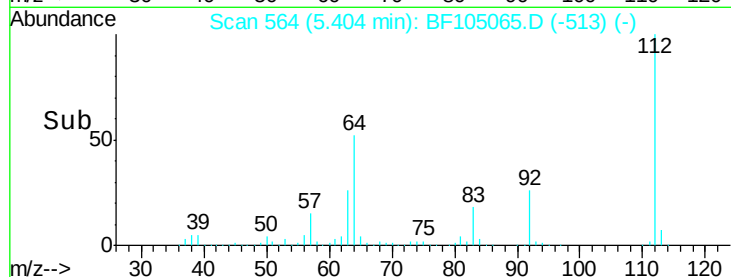
5.40

400000

200000

0

Time--> 5.30 5.40 5.50



#6

Aniline

Concen: 32.641 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

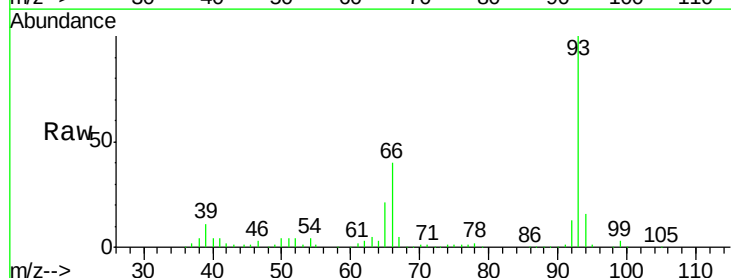
Tgt Ion: 93 Resp: 292786

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

65 20.5 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

6.46

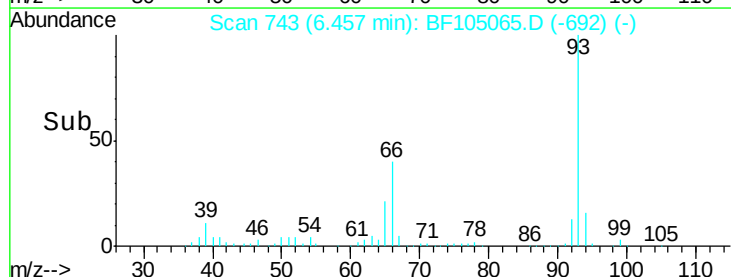
300000

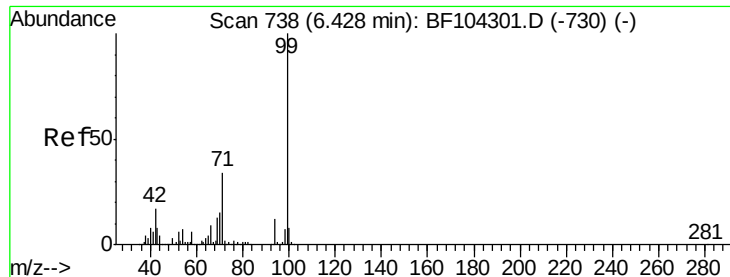
200000

100000

0

Time--> 6.40 6.45 6.50





#7

Phenol-d6

Concen: 93.056 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105065.D

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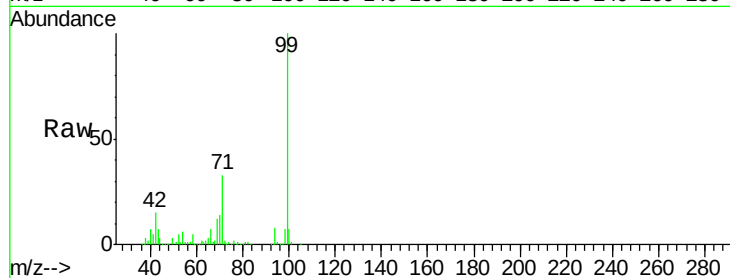
Tot Ion: 99 Resp: 600790

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

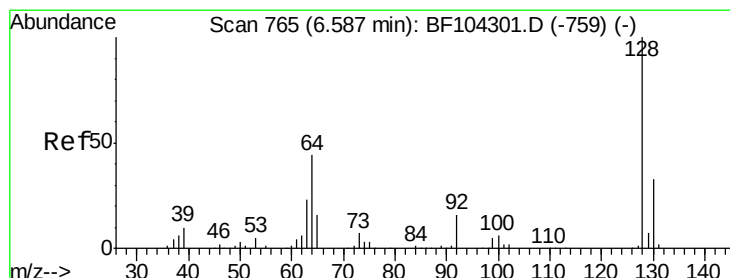
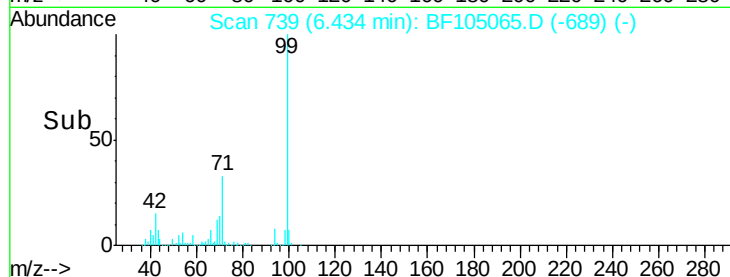
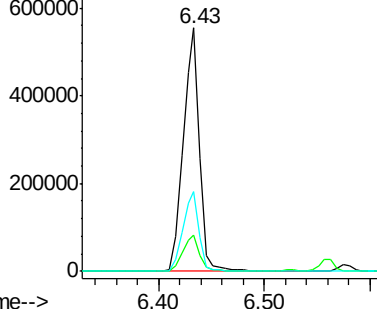
71 33.0 25.4 38.0



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: 48.581 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

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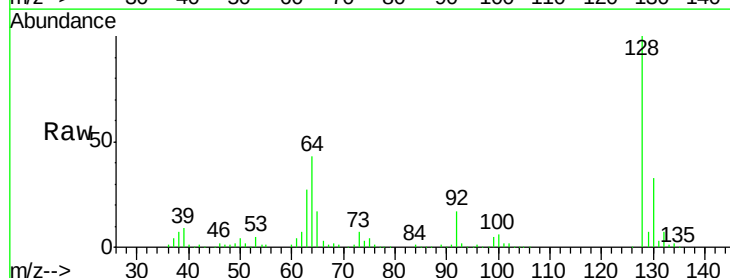
Tgt Ion: 128 Resp: 269434

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

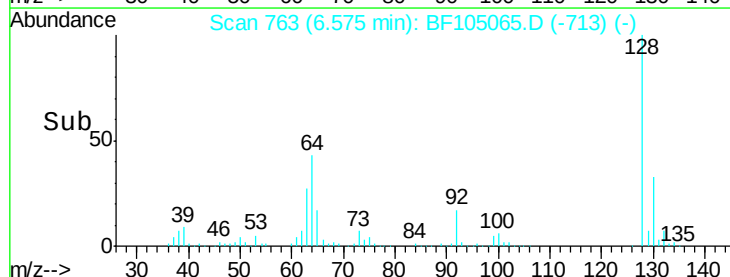
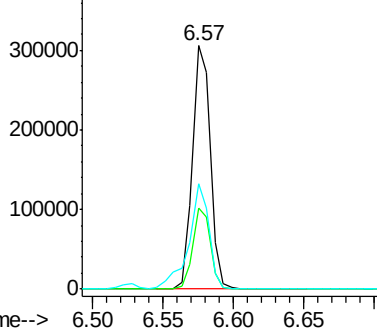
64 43.3 29.4 69.4

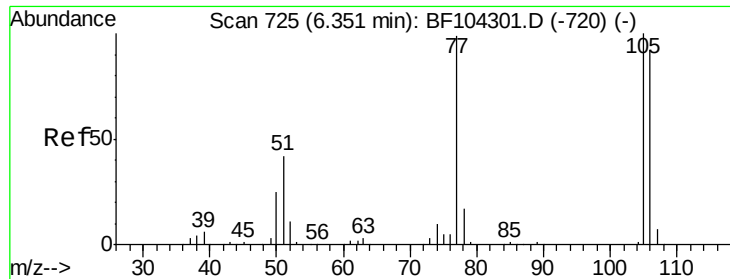


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 58.705 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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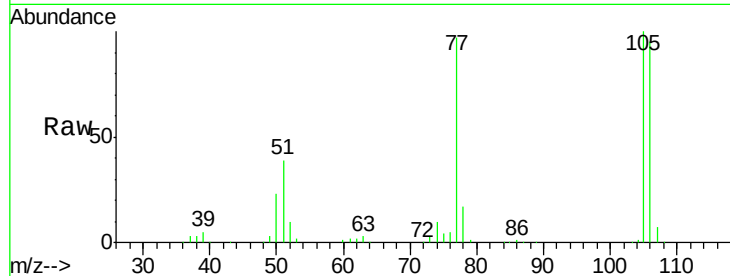
Tot Ion: 77 Resp: 163385

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

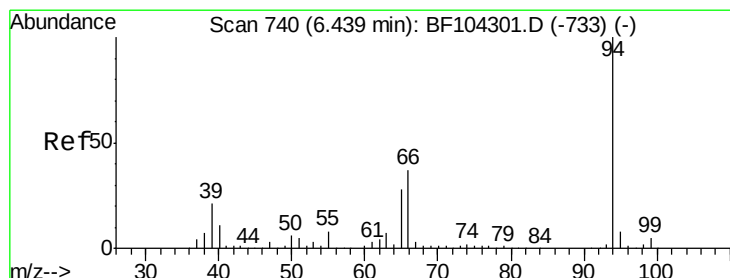
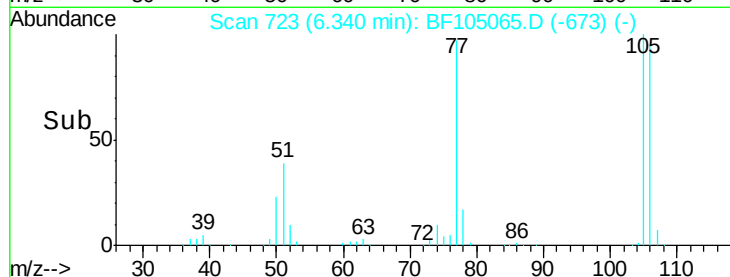
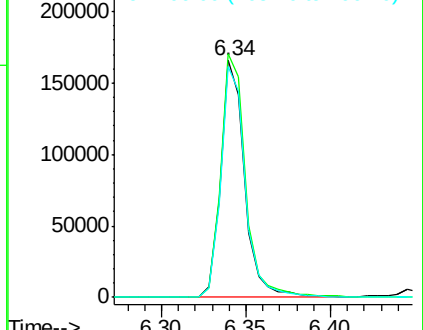
106 97.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.414 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

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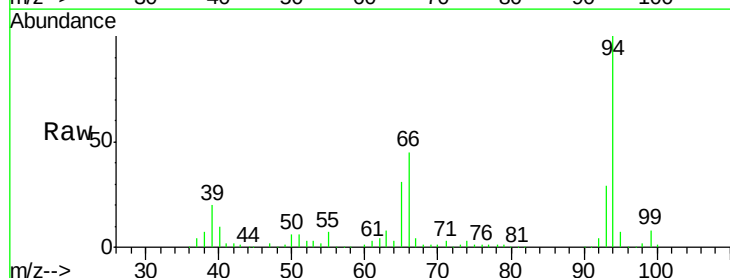
Tgt Ion: 94 Resp: 324801

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

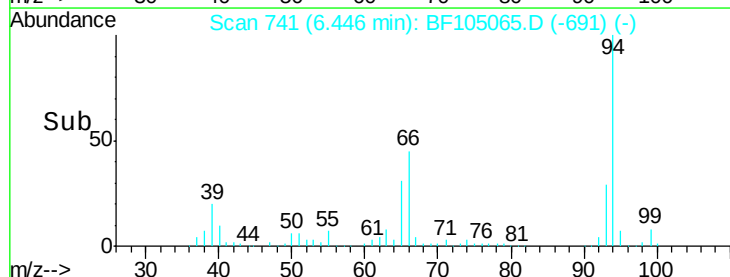
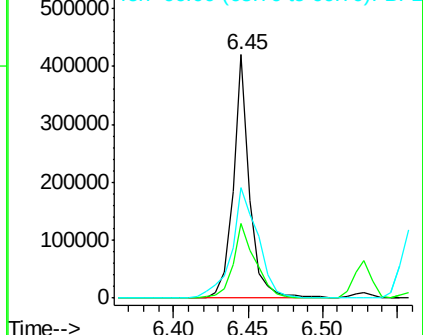
66 45.3 16.2 56.2

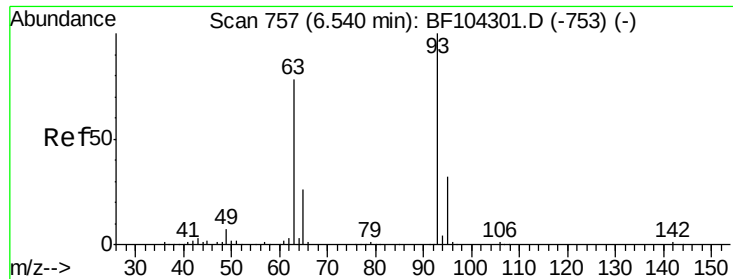


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

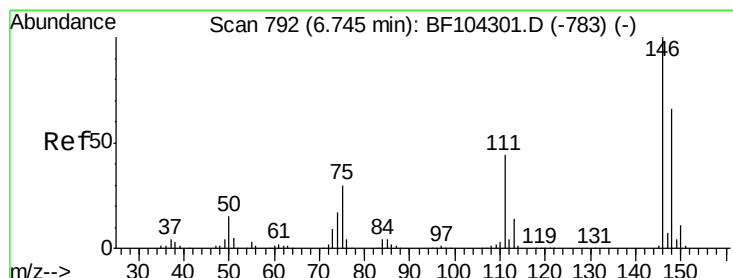
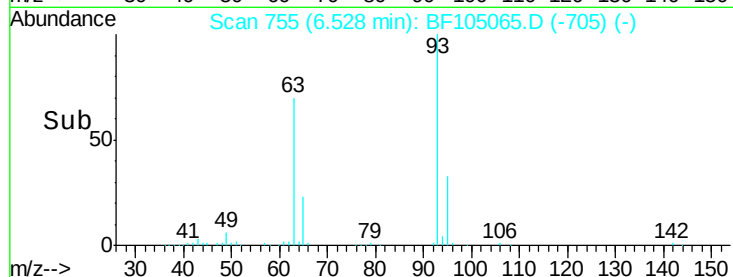
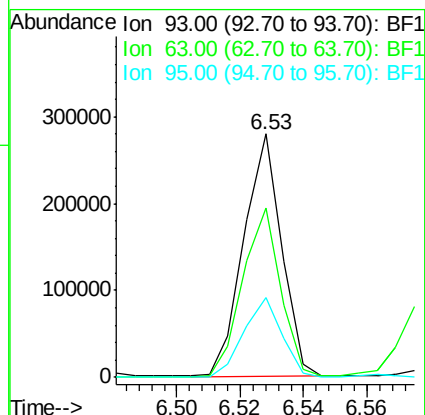
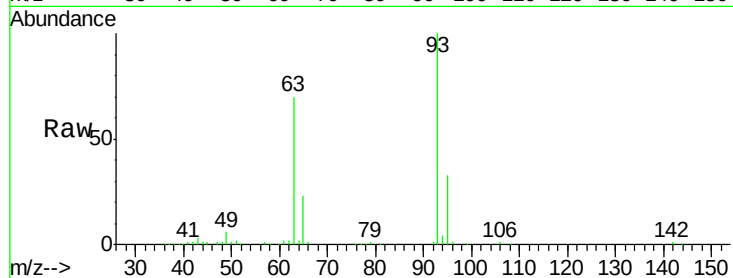




#11
 bis(2-Chloroethyl)ether
 Concen: 42.384 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

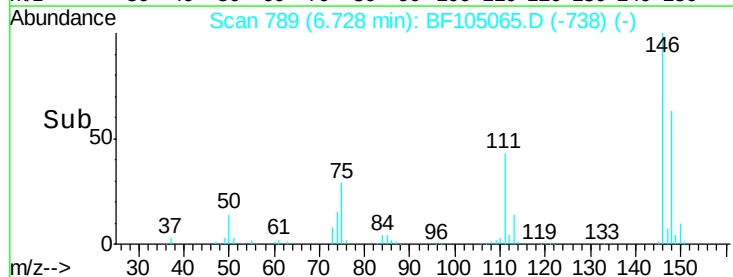
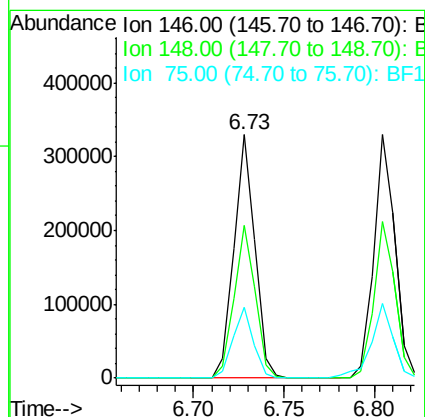
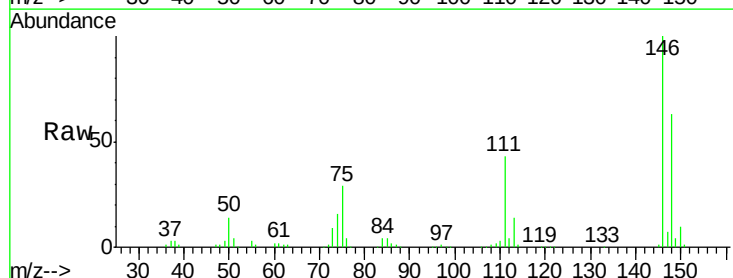
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

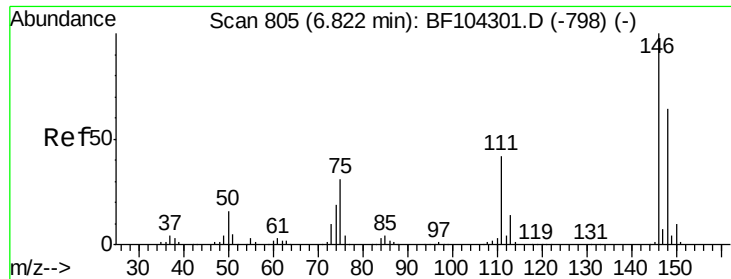
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	58.6	98.6
95	32.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.490 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	28.9	24.2	36.4

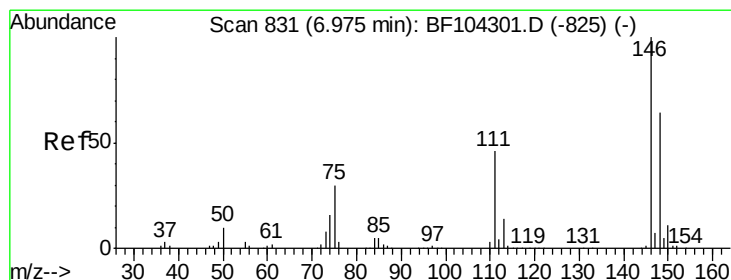
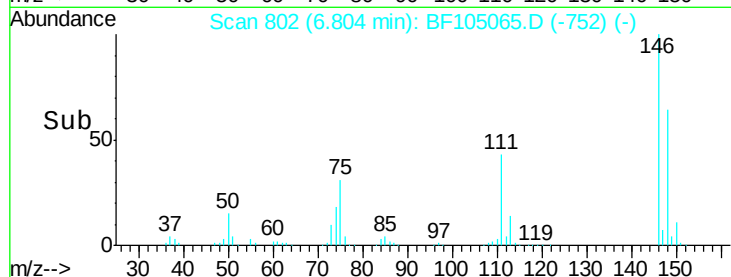
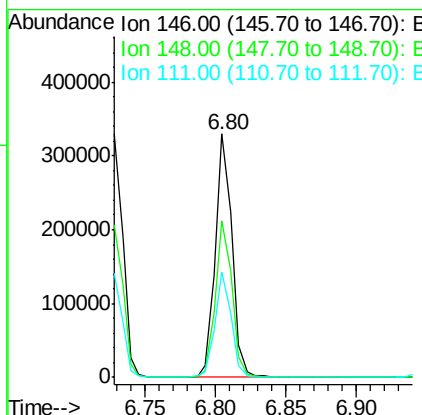
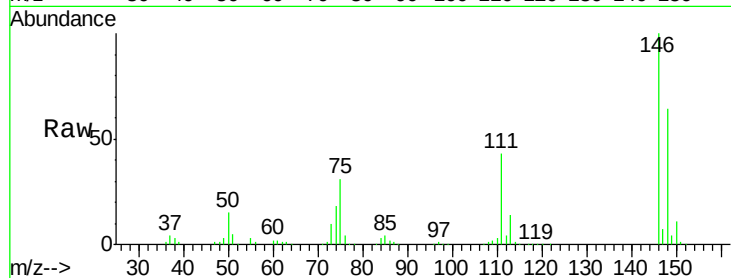




#13
 1,4-Dichlorobenzene
 Concen: 43.384 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

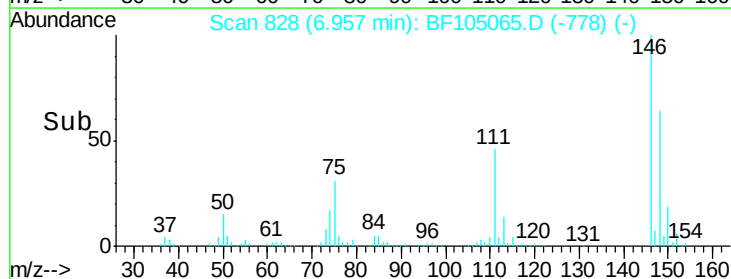
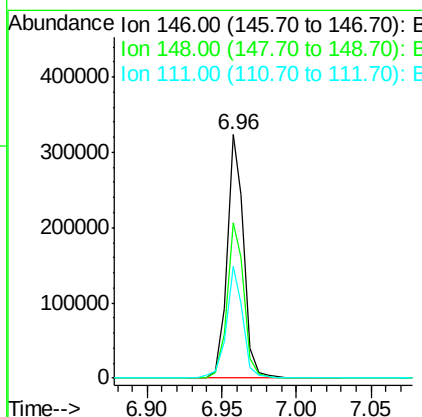
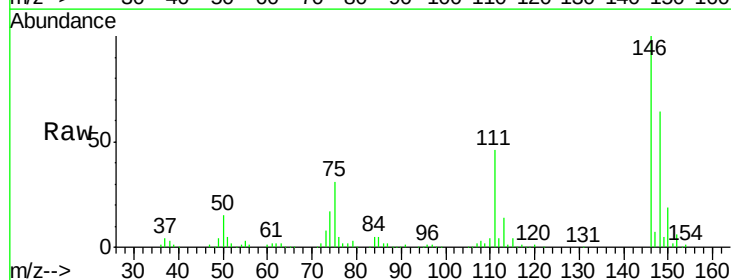
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

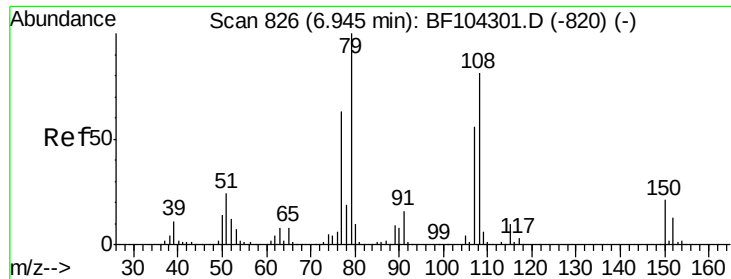
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.4	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 44.133 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	45.9	36.0	54.0

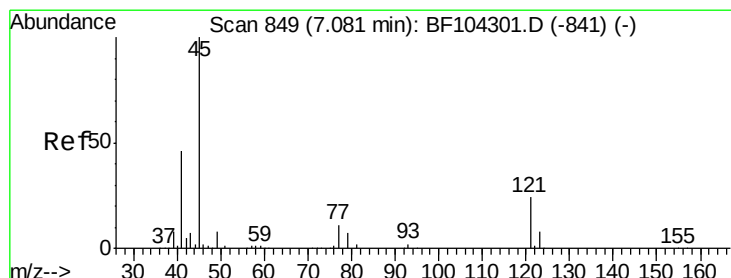
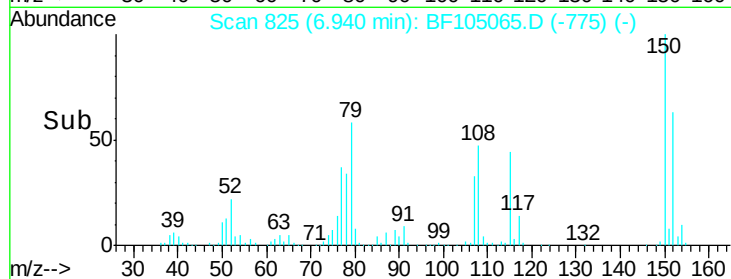
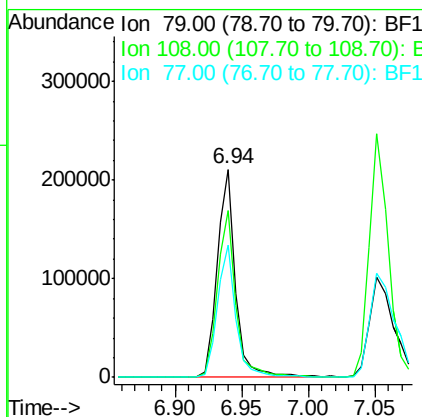
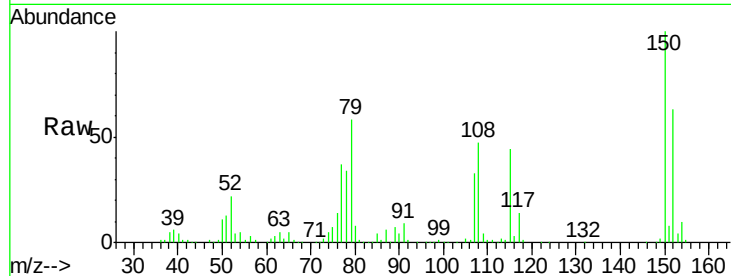




#15
Benzyl Alcohol
Concen: 41.704 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

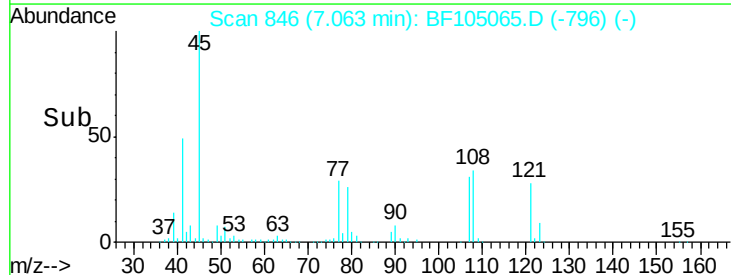
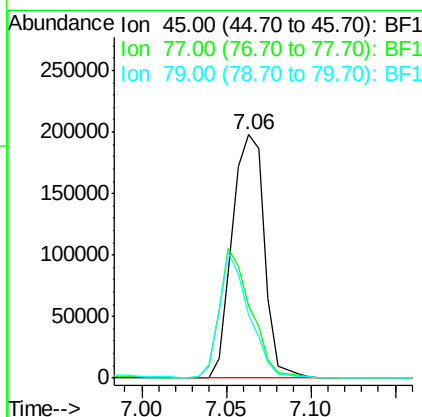
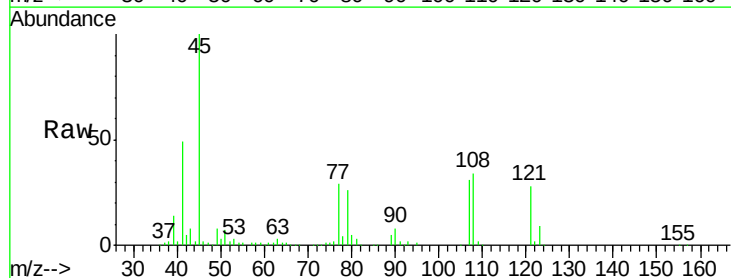
Instrument :
BNA_F
ClientSampleId :
PB108808BS

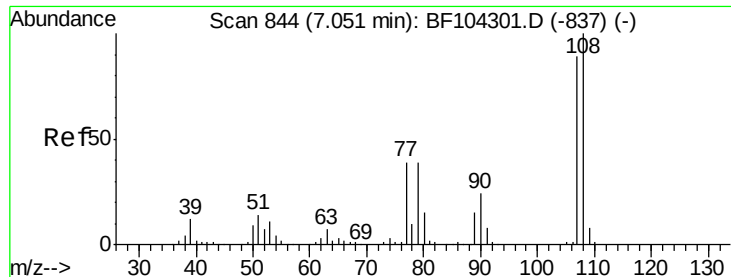
Tot Ion: 79 Resp: 204501
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.727 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion: 45 Resp: 262287
Ion Ratio Lower Upper
45 100
77 29.5 0.0 32.9
79 25.7 0.0 29.6

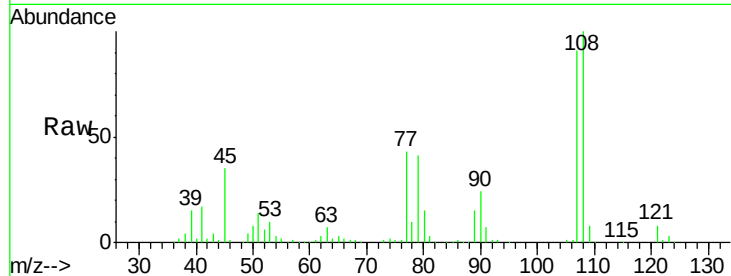




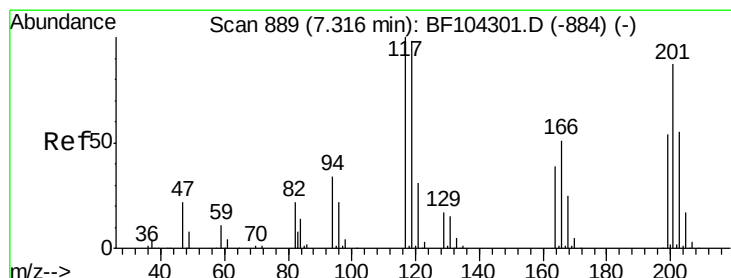
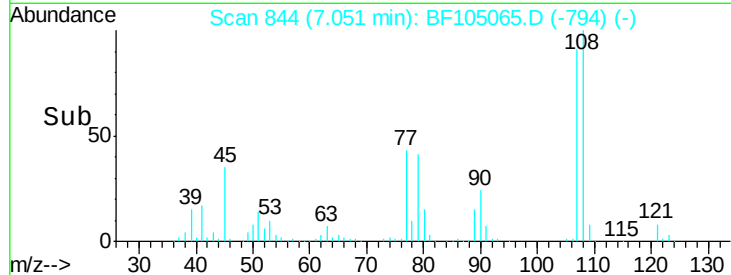
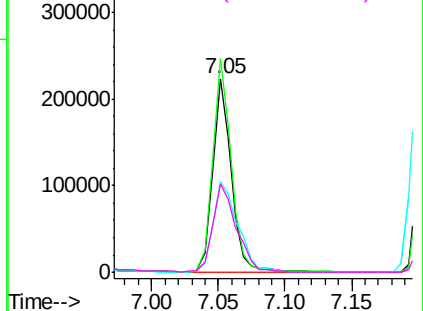
#17
2-Methylphenol
Concen: 45.354 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:107 Resp: 218649
Ion Ratio Lower Upper
107 100
108 110.3 91.7 137.5
77 47.0 33.8 50.8
79 45.6 33.8 50.8

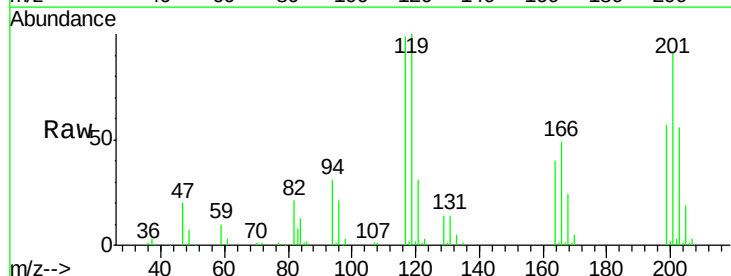


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

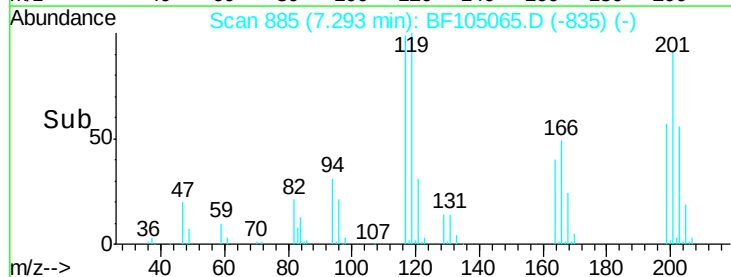
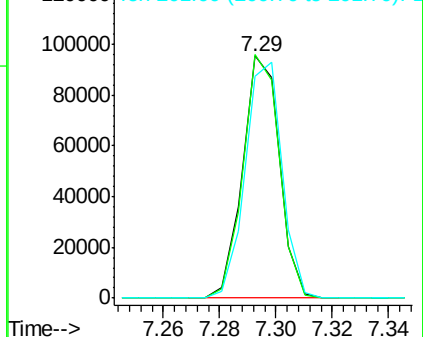


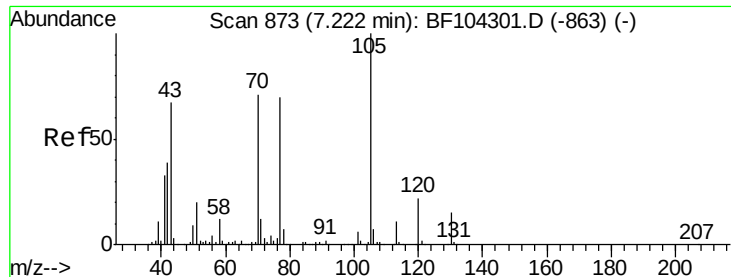
#18
Hexachloroethane
Concen: 38.584 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:117 Resp: 86162
Ion Ratio Lower Upper
117 100
119 100.6 75.8 113.8
201 91.6 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

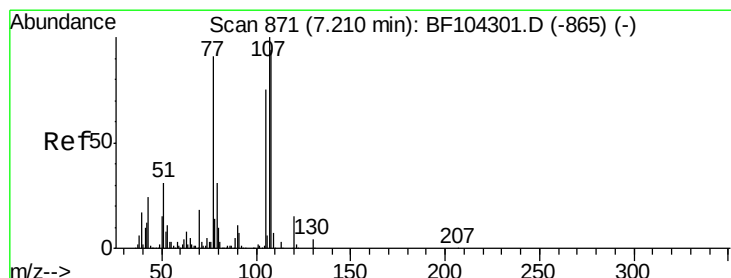
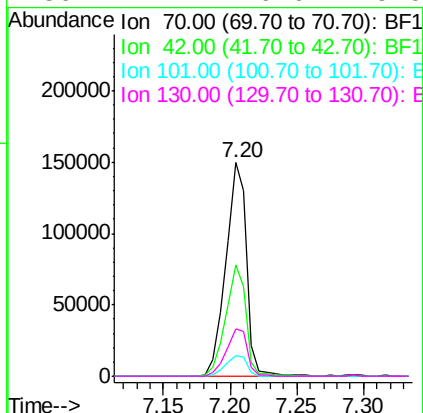
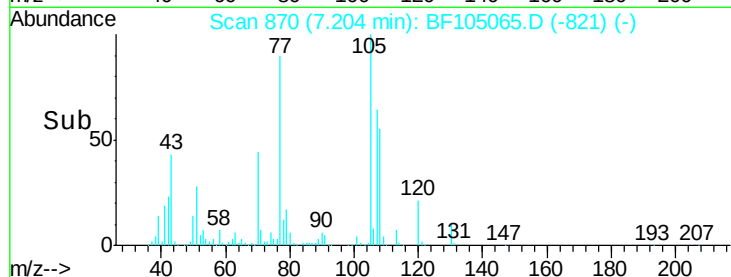
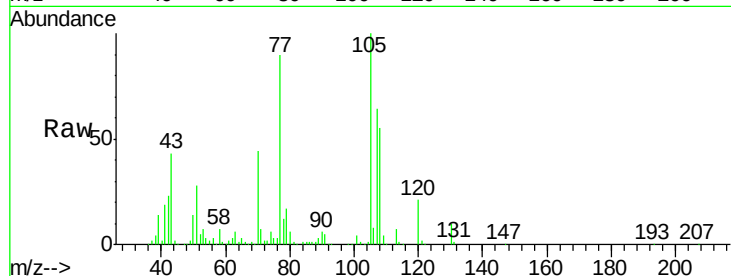




#19
n-Nitroso-di-n-propylamine
Concen: 38.894 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

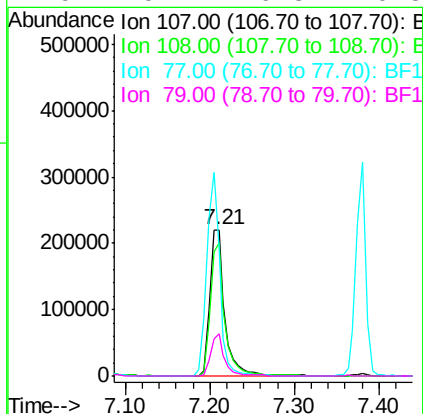
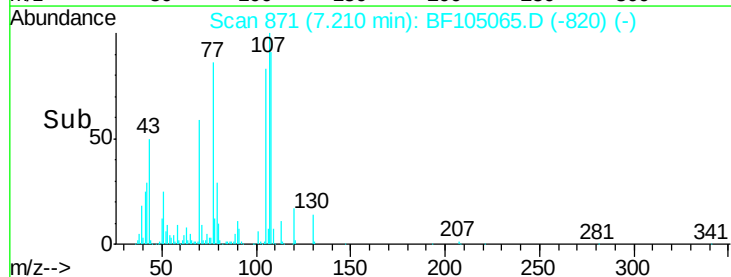
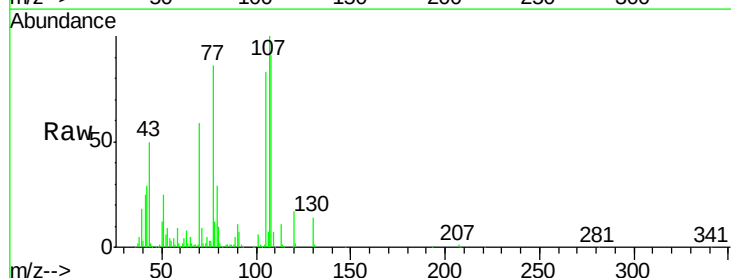
Instrument :
BNA_F
ClientSampleId :
PB108808BS

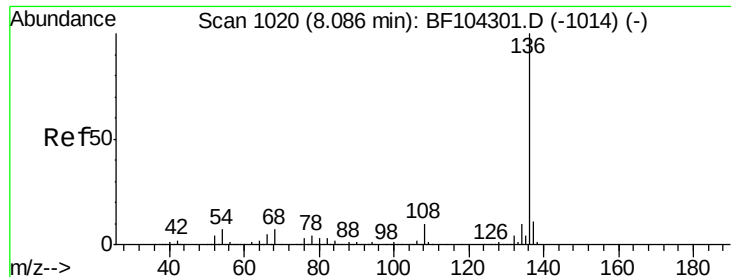
Tot Ion: 70 Resp: 164088
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 9.8 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.924 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:107 Resp: 274587
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 86.5 26.7 66.7#
79 29.2 6.3 46.3

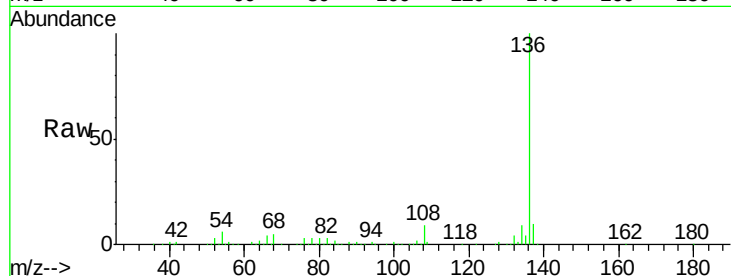




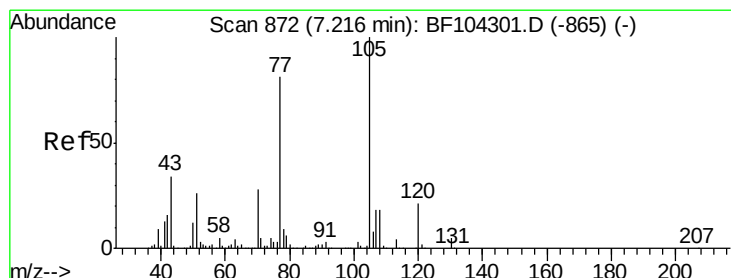
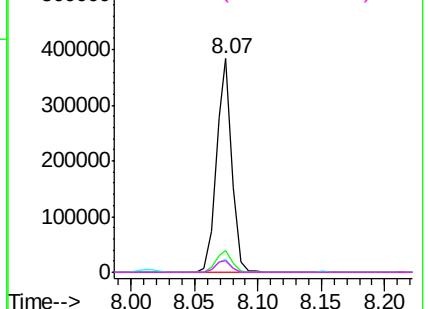
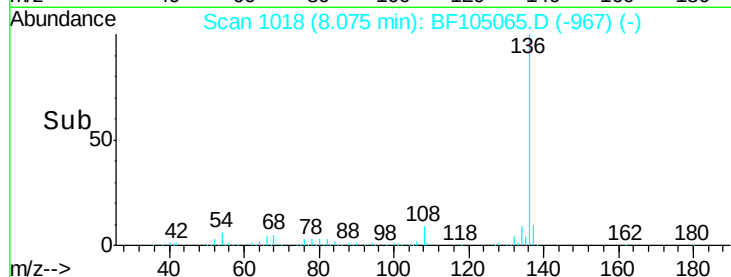
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:136	Resp:	324406
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.0	6.6 9.8#
68	5.3	5.0 7.4

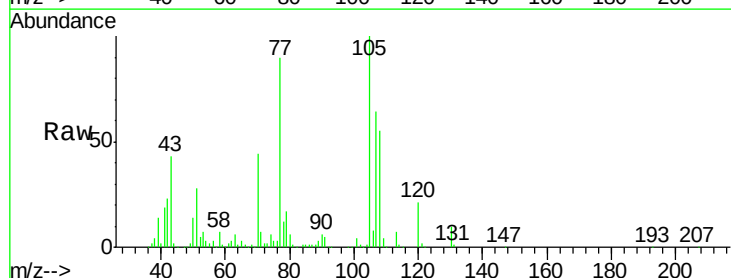


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

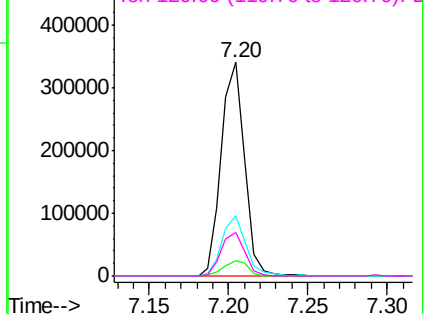
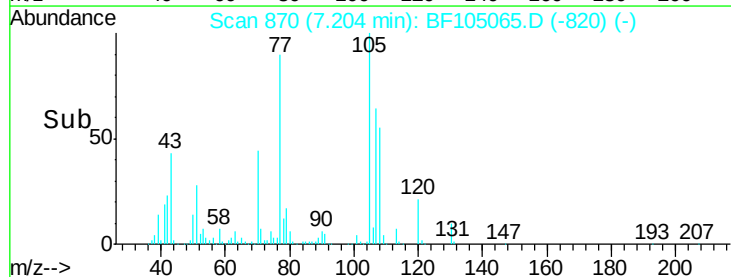


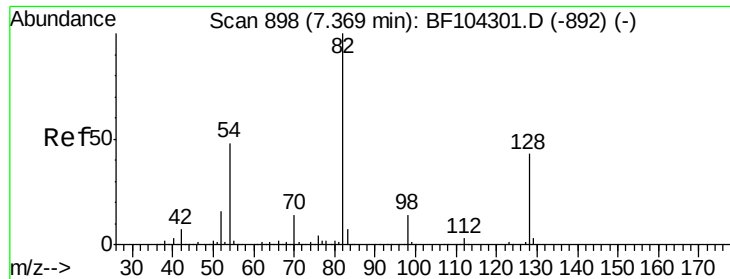
#22
Acetophenone
Concen: 43.491 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:105	Resp:	347349
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.4 6.6#
51	28.4	22.3 33.5
120	20.7	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

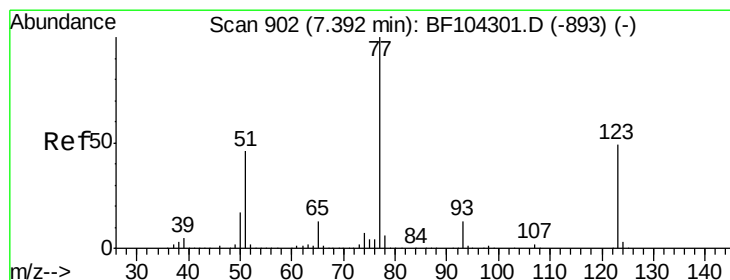
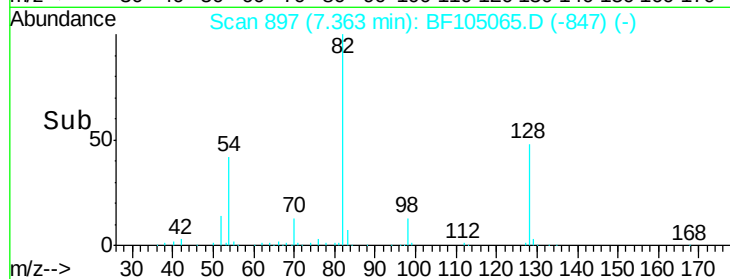
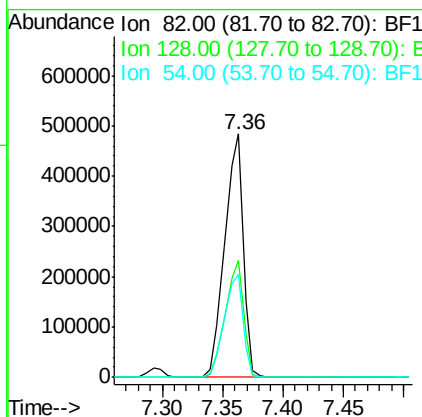
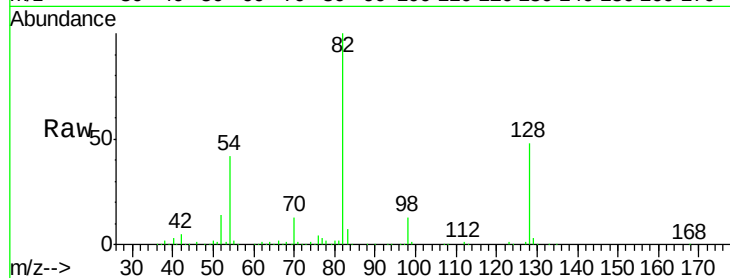




#23
 Nitrobenzene-d5
 Concen: 103.813 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

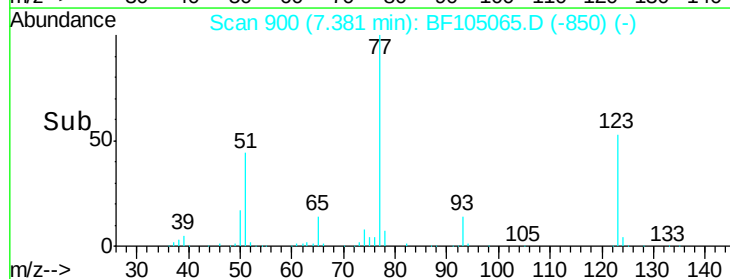
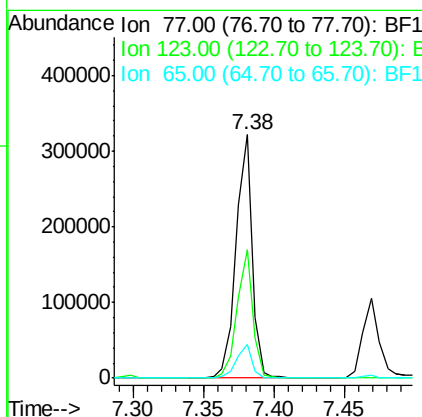
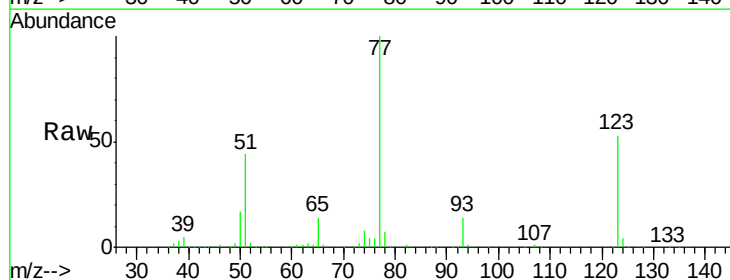
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

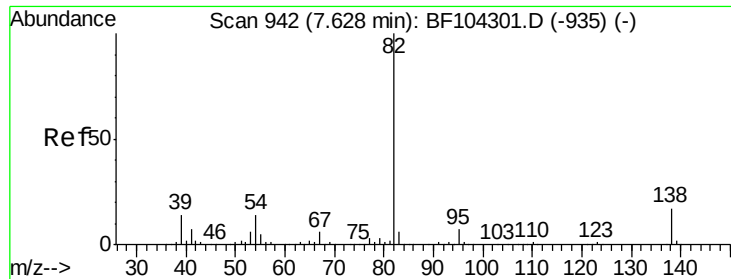
Tot Ion: 82 Resp: 515750
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 42.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 46.673 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion: 77 Resp: 256003
 Ion Ratio Lower Upper
 77 100
 123 52.8 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 44.717 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

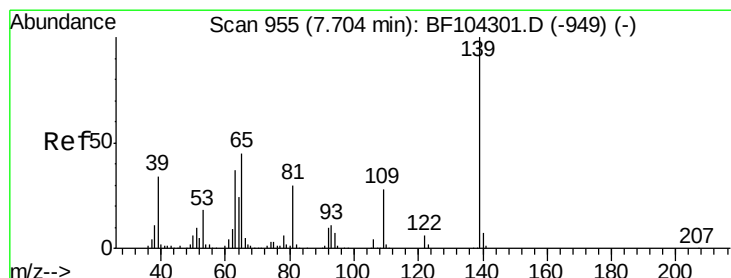
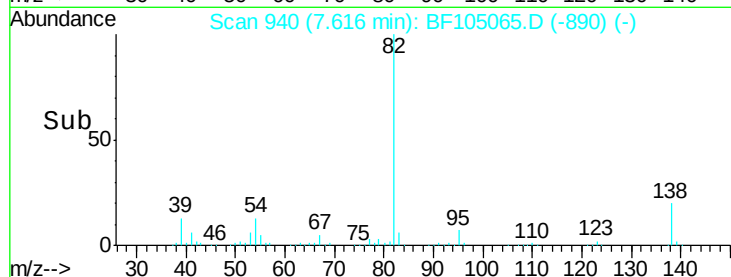
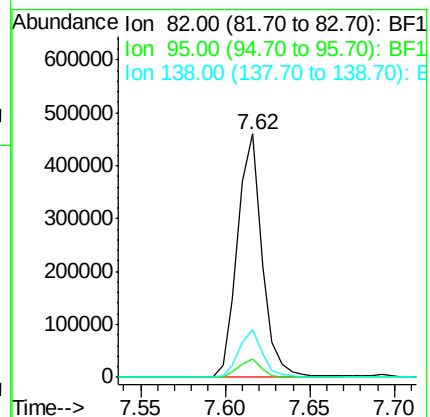
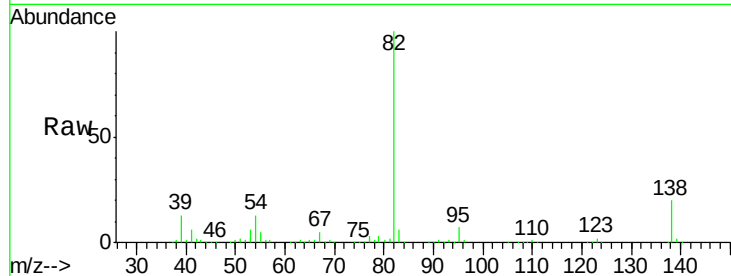
Tot Ion: 82 Resp: 469785

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 62.751 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

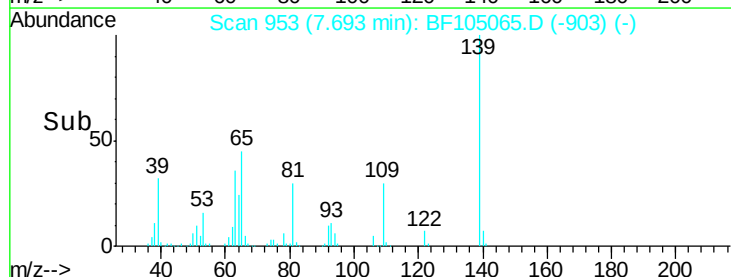
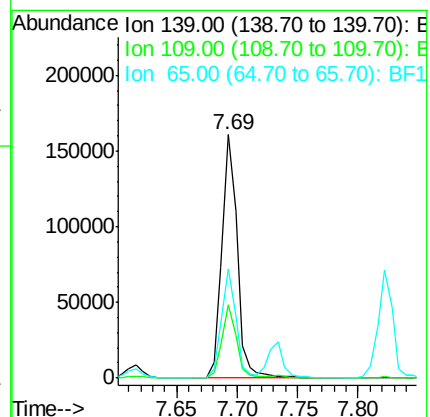
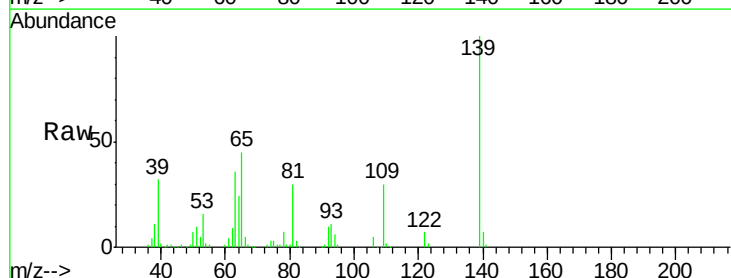
Tgt Ion: 139 Resp: 140122

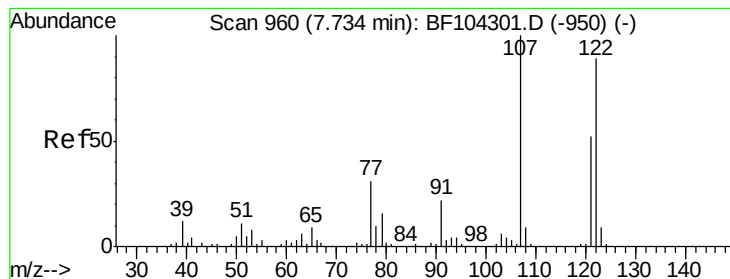
Ion Ratio Lower Upper

139 100

109 30.0 22.7 34.1

65 44.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.169 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

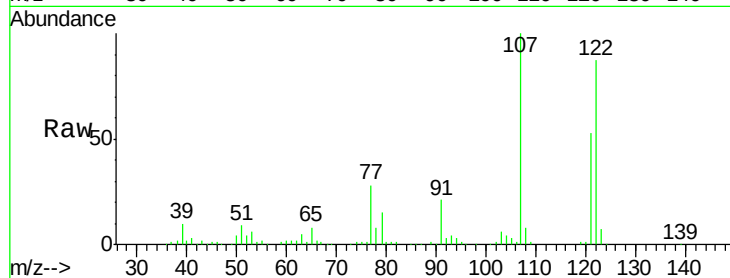
Tot Ion:122 Resp: 237244

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

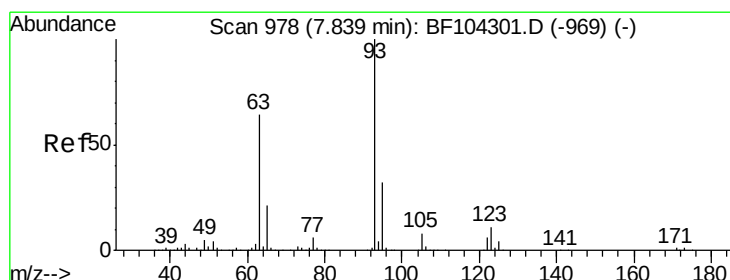
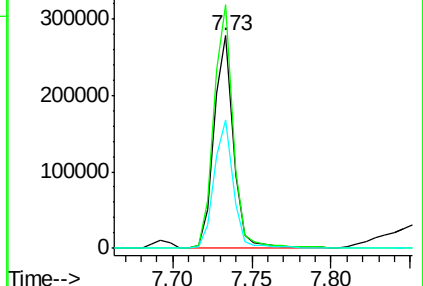
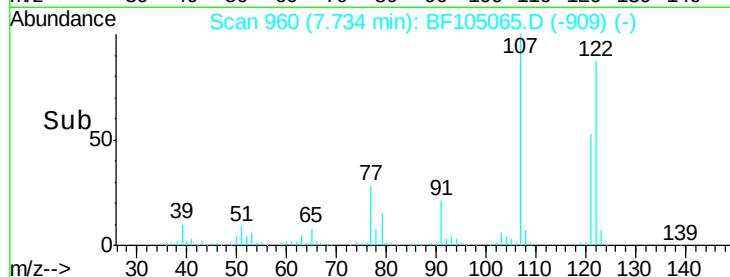
121 60.1 47.2 70.8



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: 48.082 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

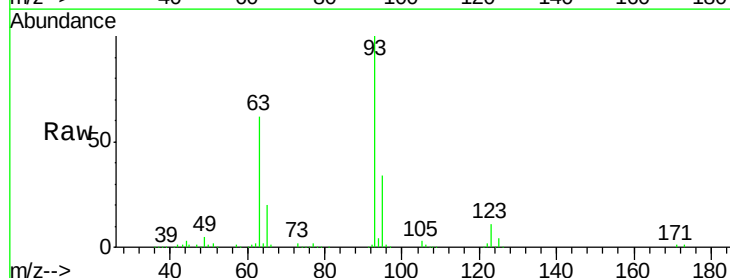
Tgt Ion: 93 Resp: 308843

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

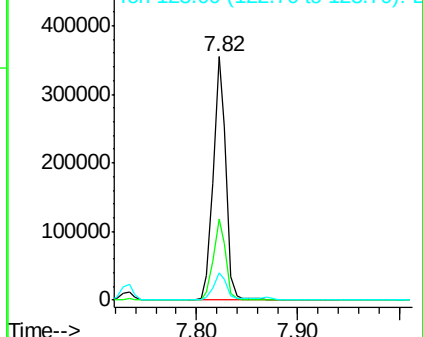
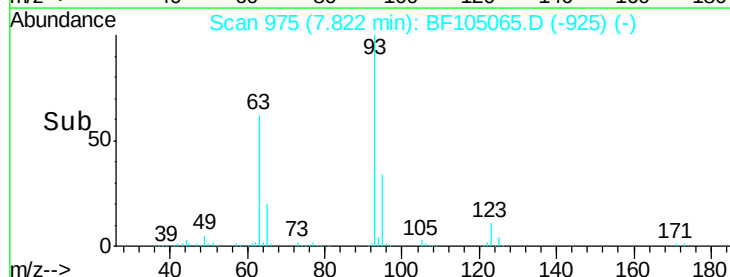
123 11.1 9.8 14.6

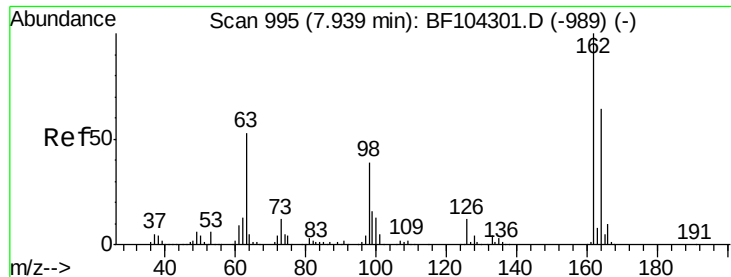


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.066 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

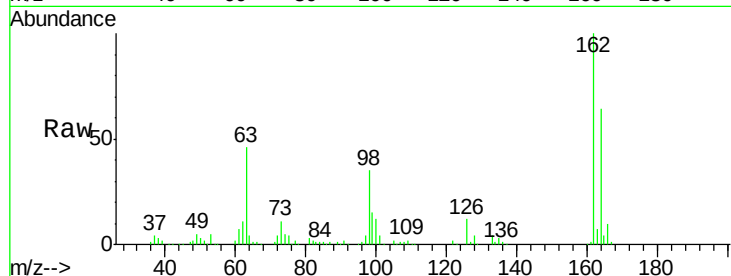
Tot Ion:162 Resp: 225911

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

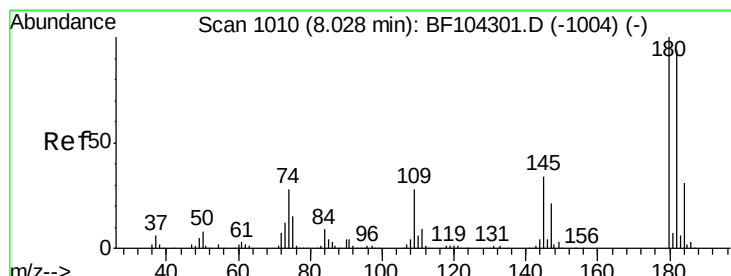
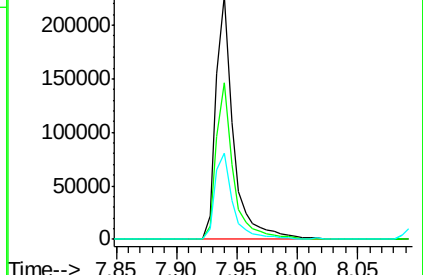
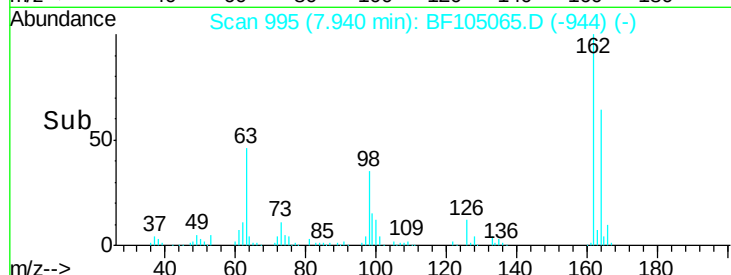
98 35.4 18.1 58.1



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: 45.679 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

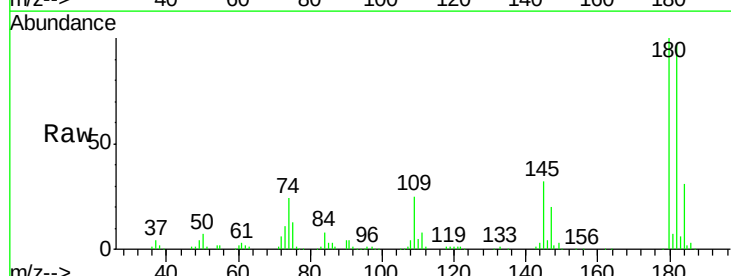
Tgt Ion:180 Resp: 221773

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

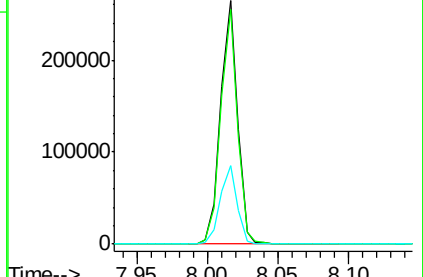
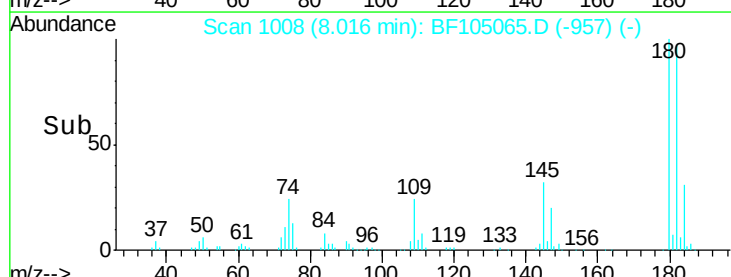
145 32.1 26.5 39.7

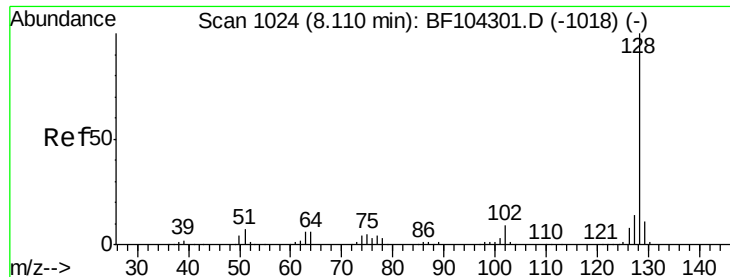


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

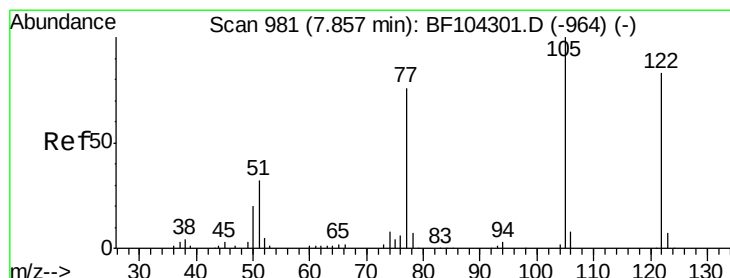
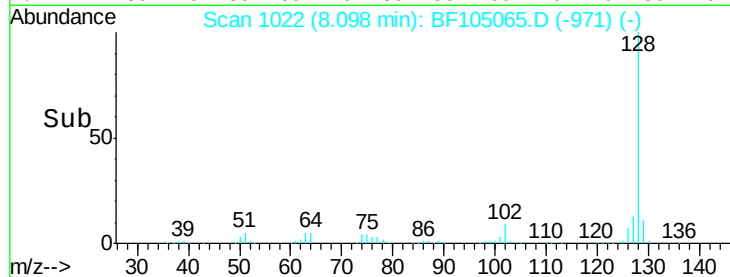
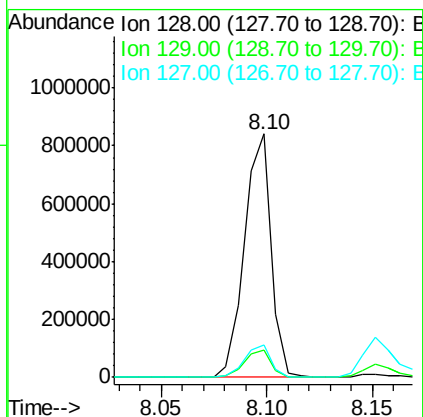
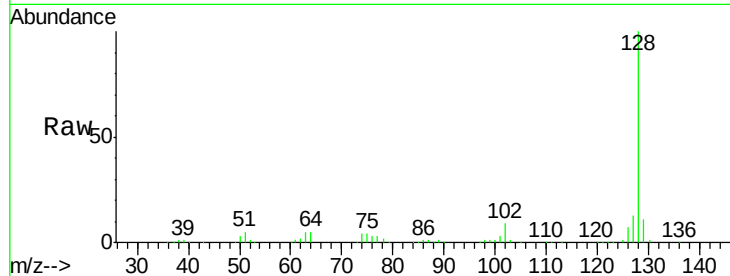




#31
Naphthalene
Concen: 45.751 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

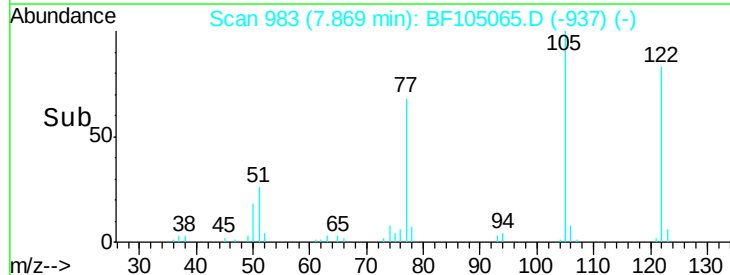
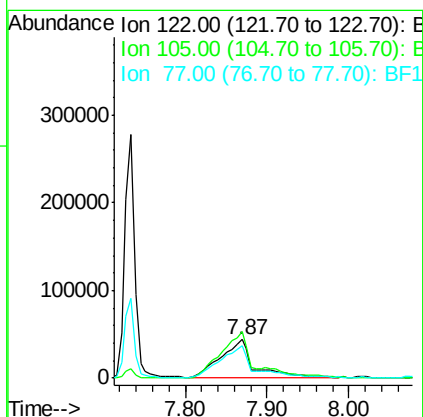
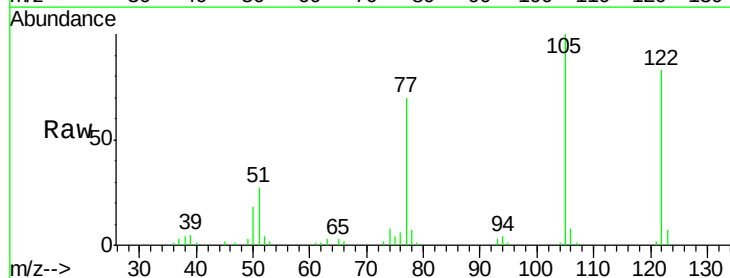
Instrument :
BNA_F
ClientSampled :
PB108808BS

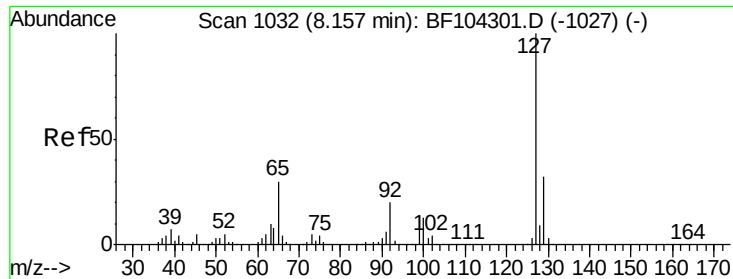
Tot Ion:128 Resp: 739048
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 32.940 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:122 Resp: 121860
Ion Ratio Lower Upper
122 100
105 120.6 101.1 141.1
77 84.8 70.7 110.7

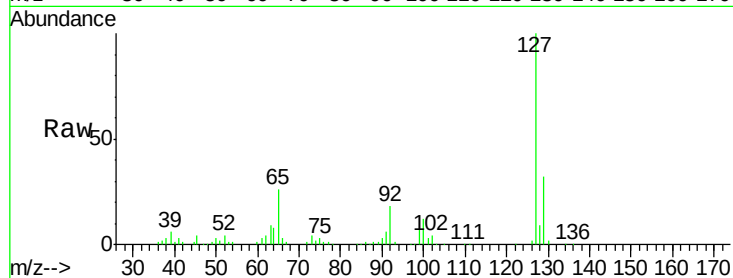




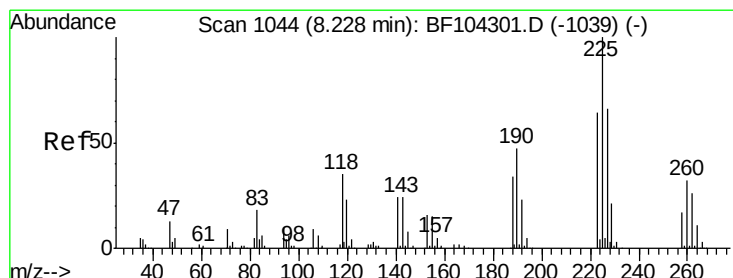
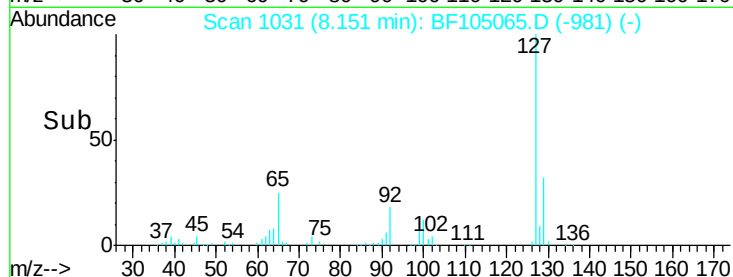
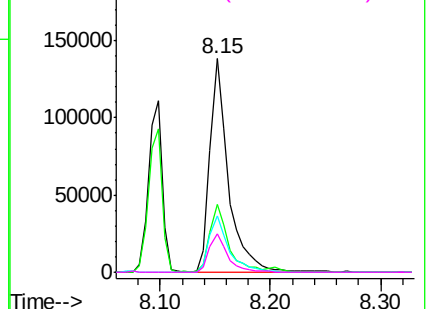
#33
4-Chloroaniline
Concen: 22.745 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:	127	Resp:	157405
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	26.3	25.0	37.4
92	17.8	15.2	22.8

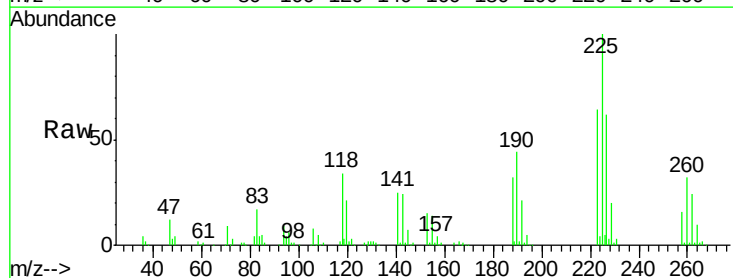


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

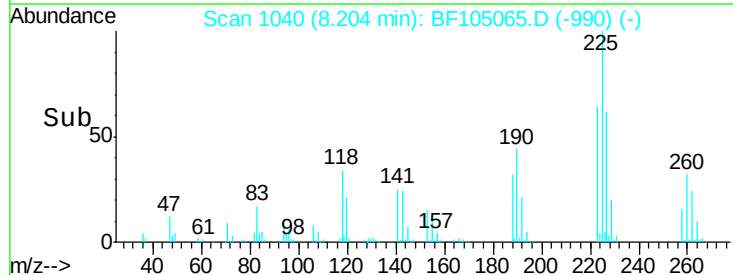
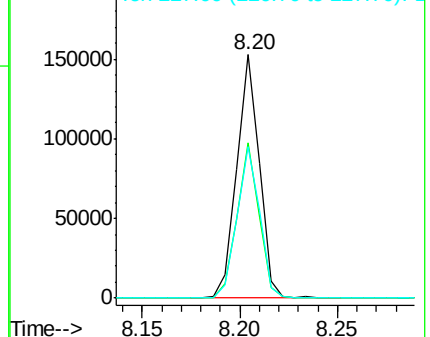


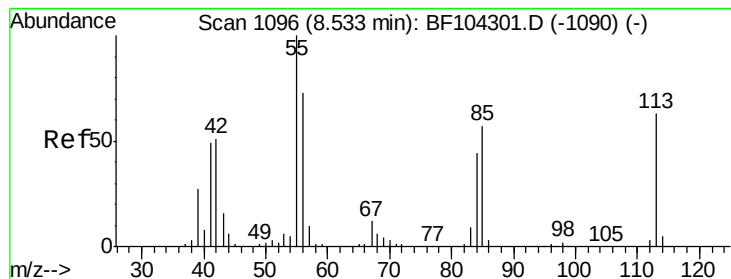
#34
Hexachlorobutadiene
Concen: 46.059 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:	225	Resp:	122485
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	62.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.788 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

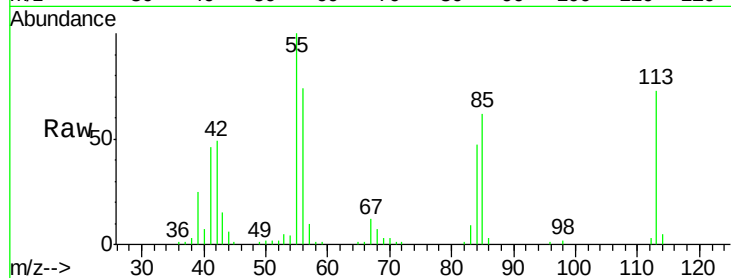
Tot Ion:113 Resp: 73750

Ion Ratio Lower Upper

113 100

55 136.2 163.3 203.3#

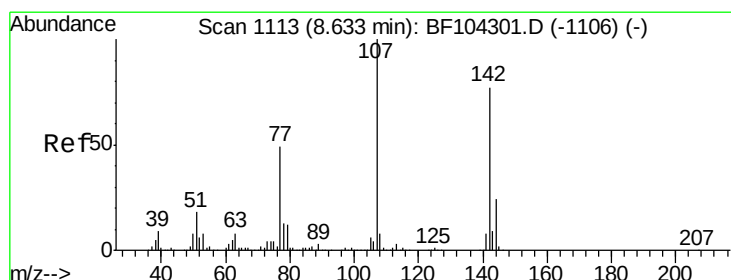
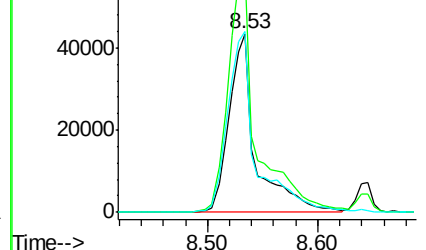
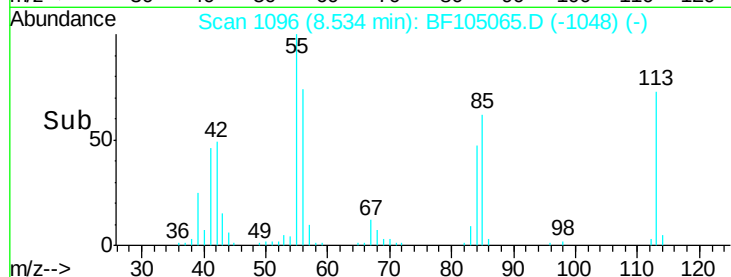
56 101.3 115.7 155.7#



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: 50.745 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

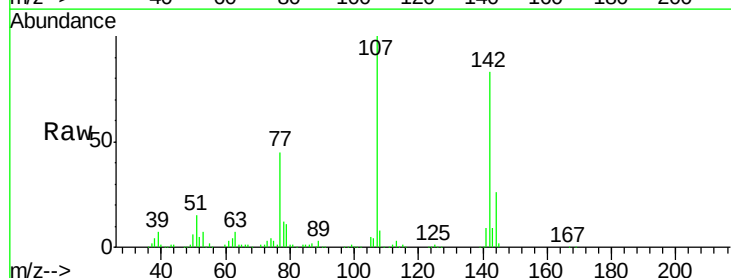
Tgt Ion:107 Resp: 240714

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

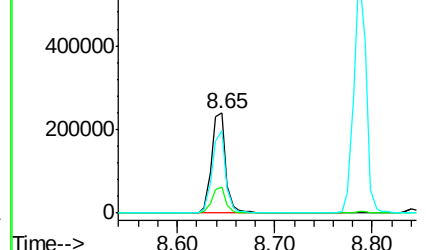
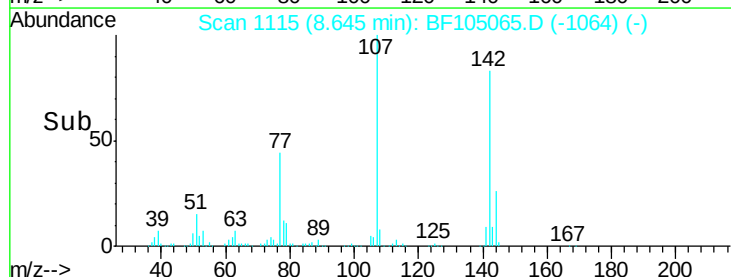
142 82.6 62.0 93.0

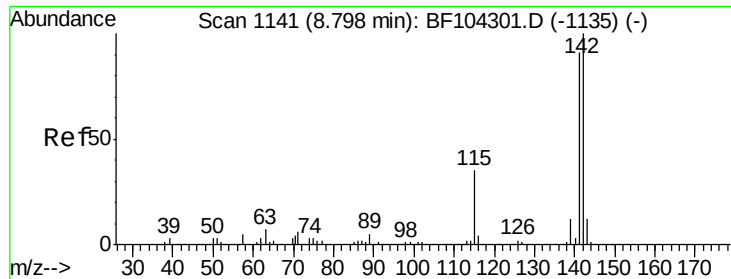


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

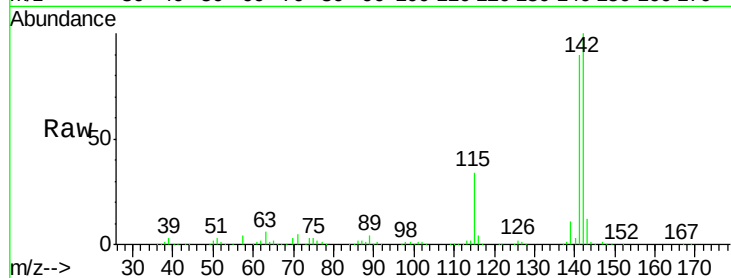




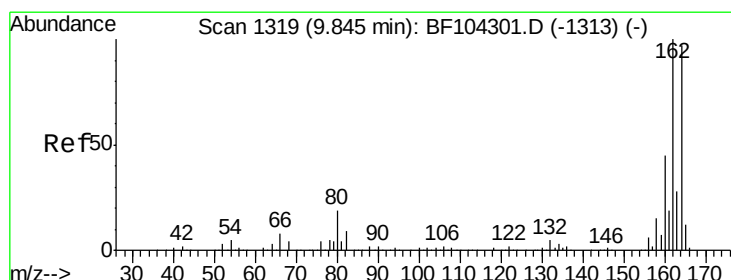
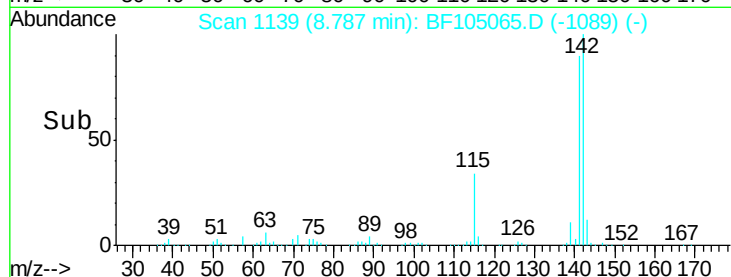
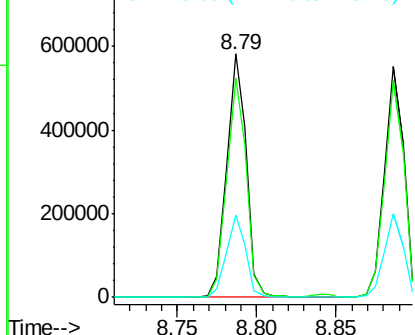
#37
2-Methylnaphthalene
Concen: 47.504 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:142 Resp: 496370
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.6 26.1 39.1

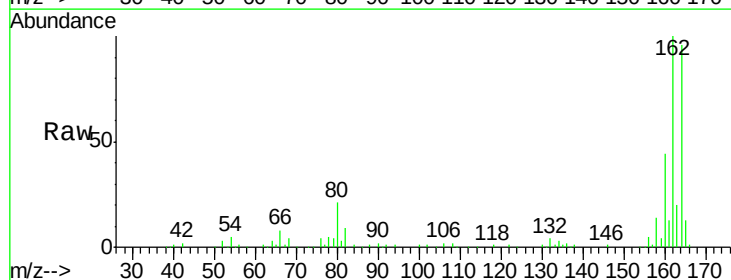


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

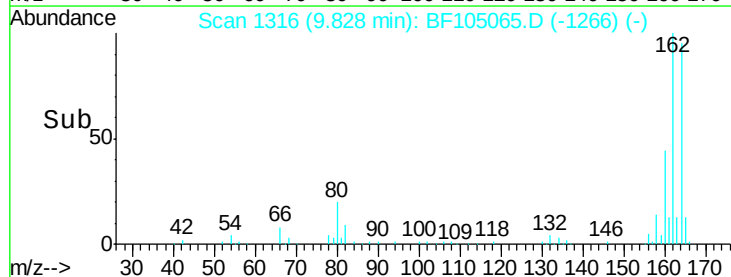
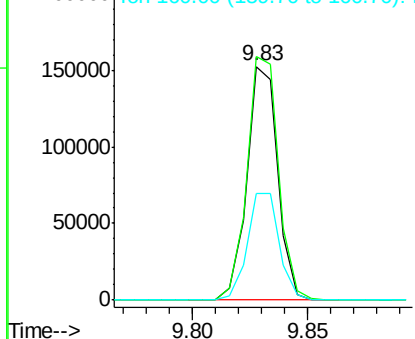


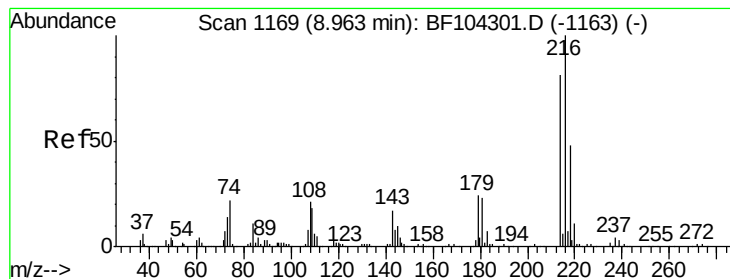
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:164 Resp: 142080
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.6 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.279 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

Tot Ion:216 Resp: 216693

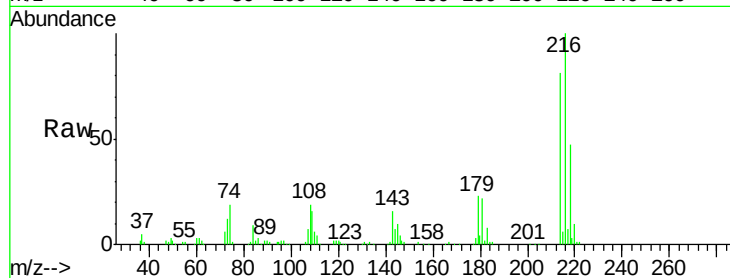
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.4 18.1 27.1

108 18.1 17.2 25.8

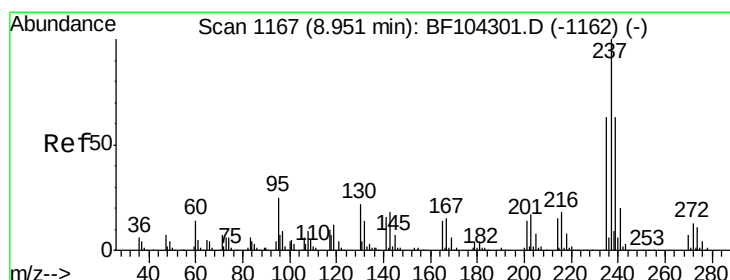
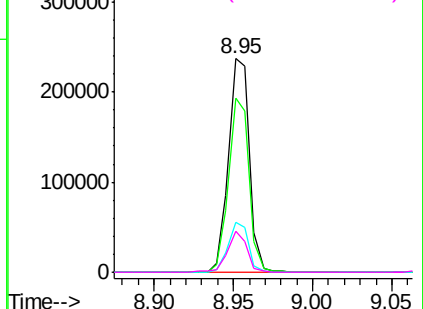
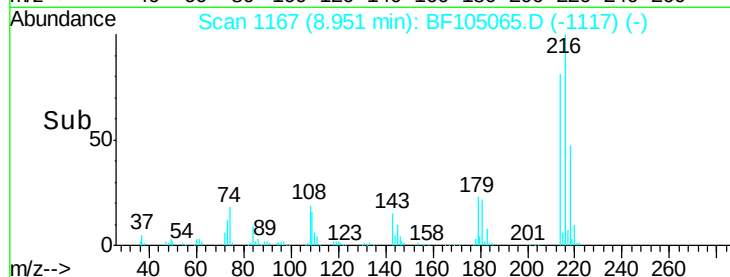


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.876 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

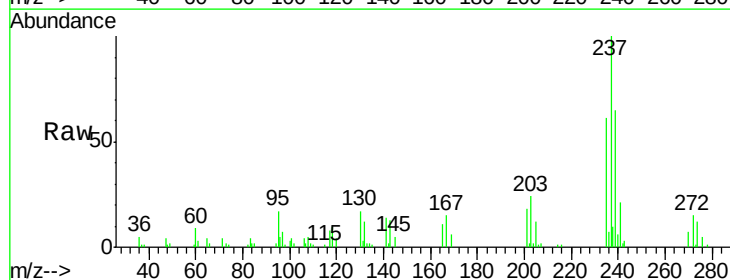
Tgt Ion:237 Resp: 29318

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

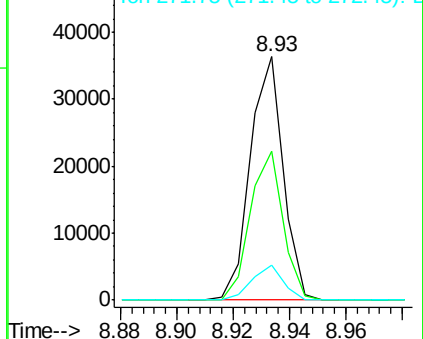
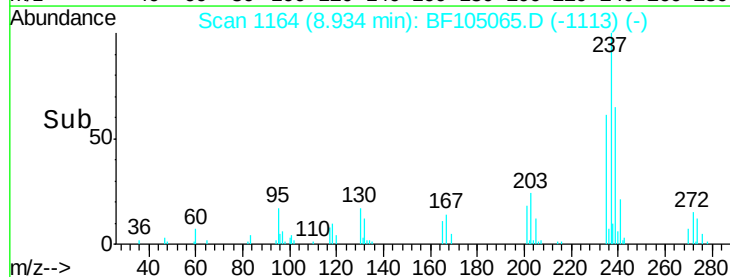
272 14.5 0.0 33.3

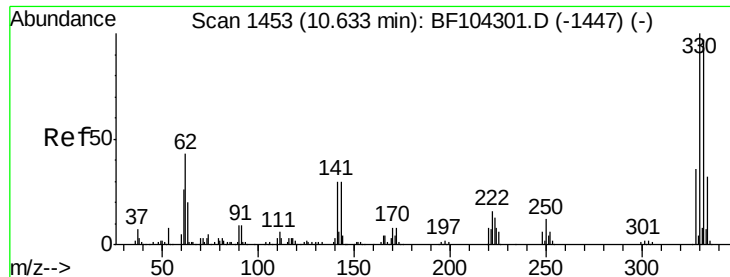


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 100.618 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

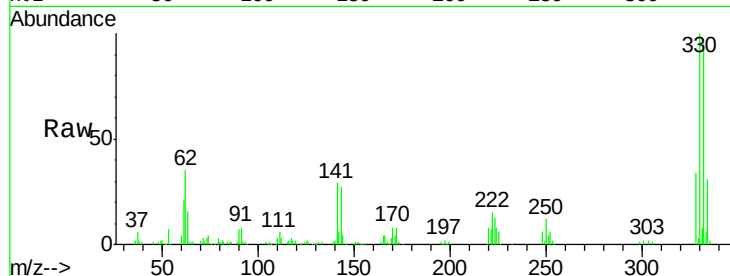
Tot Ion:330 Resp: 148295

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

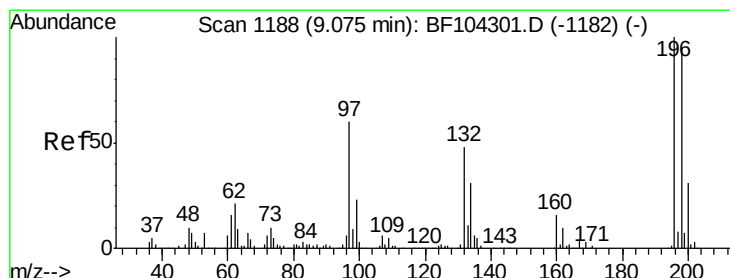
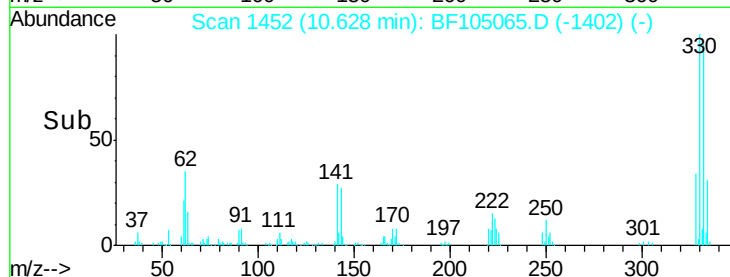
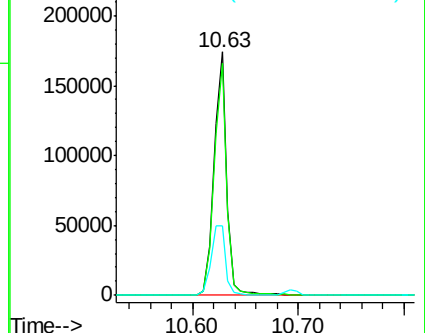
141 32.6 29.9 44.9



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: 52.304 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

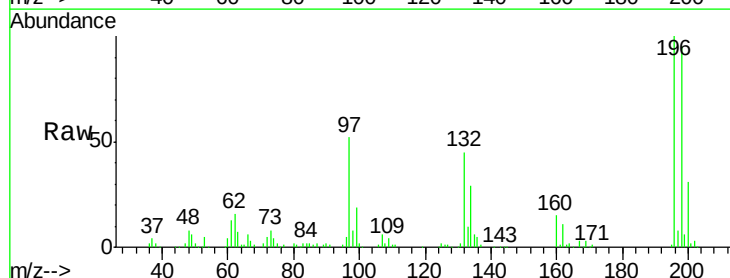
Tgt Ion:196 Resp: 147674

Ion Ratio Lower Upper

196 100

198 95.1 75.7 113.5

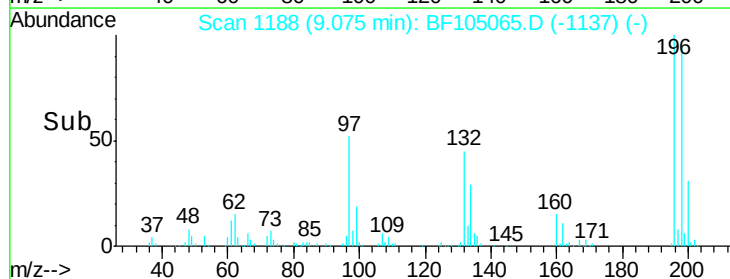
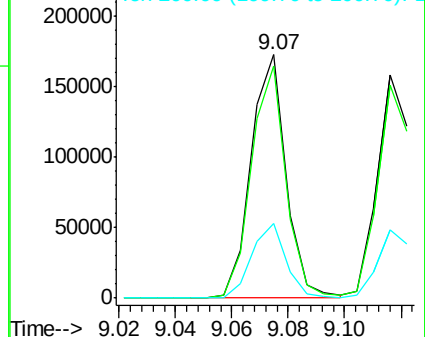
200 30.5 24.5 36.7

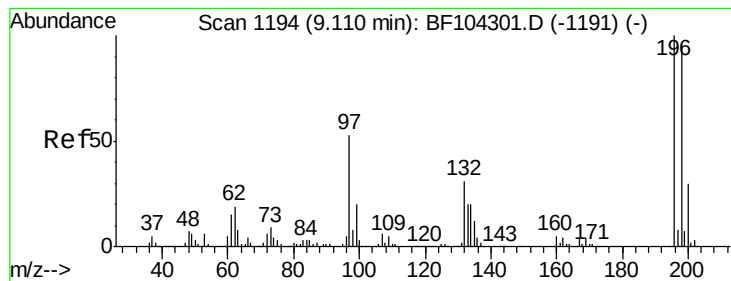


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 49.581 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

Tot Ion:196 Resp: 156649

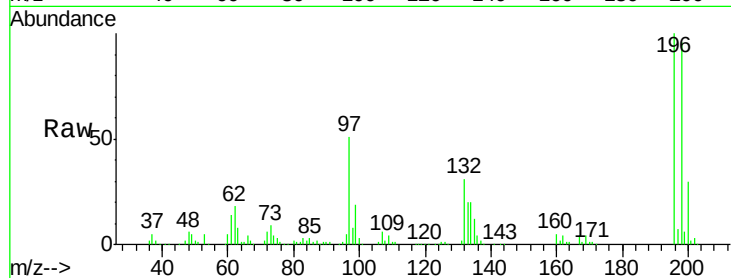
Ion Ratio Lower Upper

196 100

198 95.6 74.6 112.0

97 50.7 42.9 64.3

132 30.8 26.3 39.5

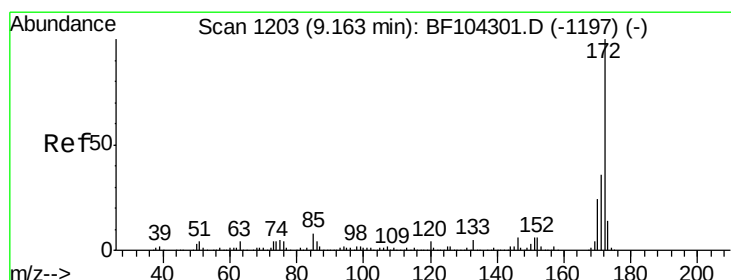
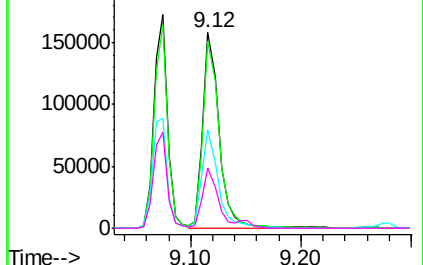
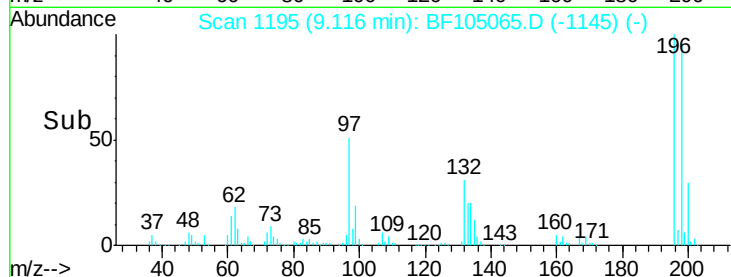


Abundance Ion 196.00 (195.70 to 196.70): E

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: 109.575 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

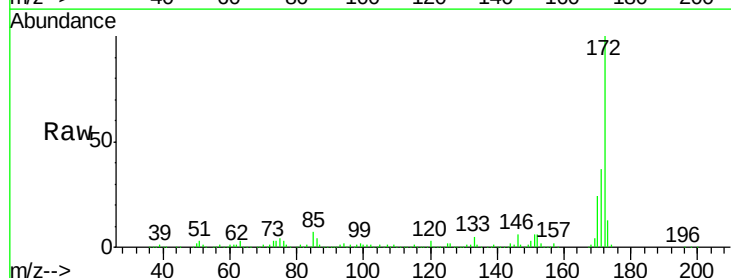
Tgt Ion:172 Resp: 985499

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

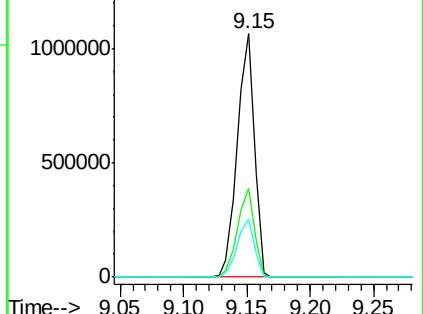
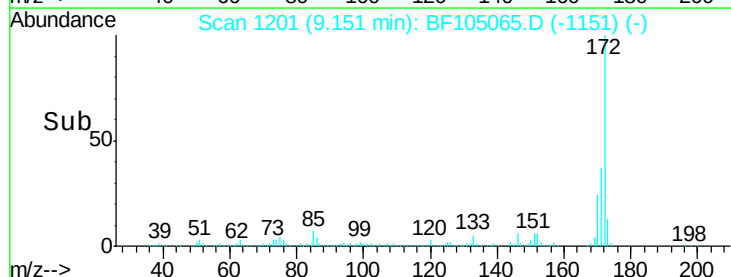
170 24.1 19.6 29.4

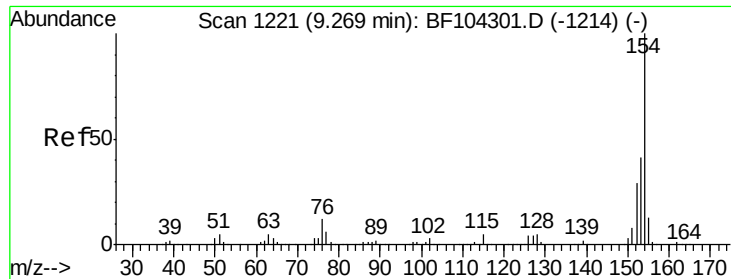


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.950 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

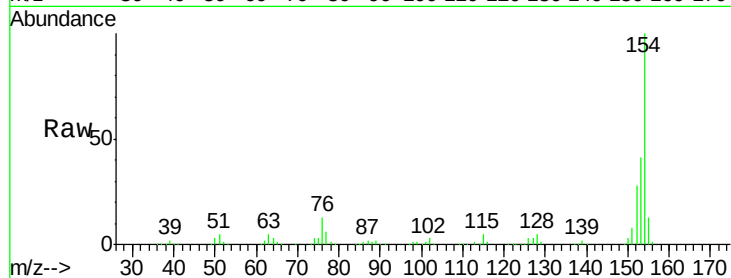
Tot Ion:154 Resp: 596187

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

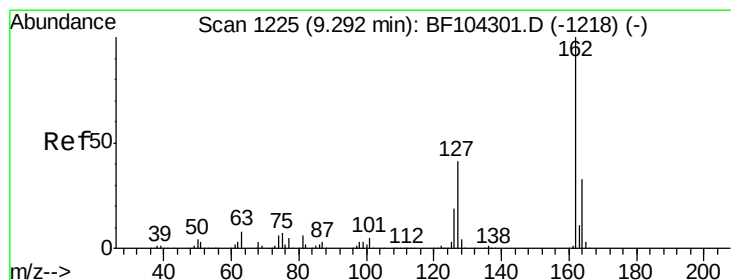
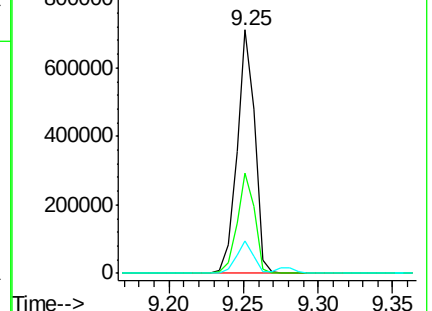
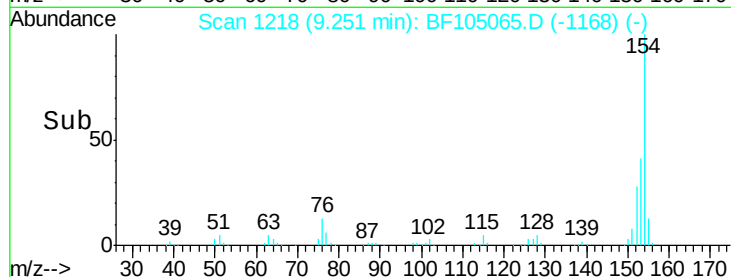
76 13.1 0.0 34.0



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: 48.688 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

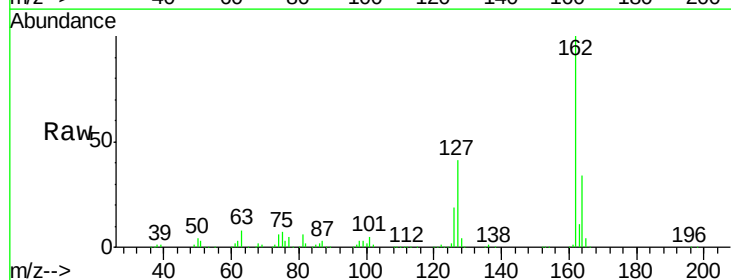
Tgt Ion:162 Resp: 459016

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

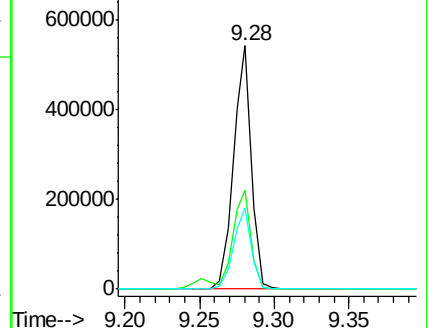
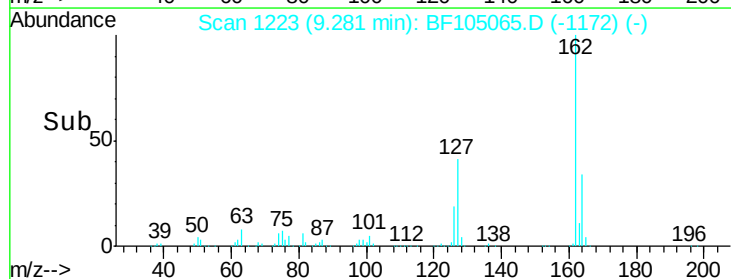
164 33.5 26.5 39.7

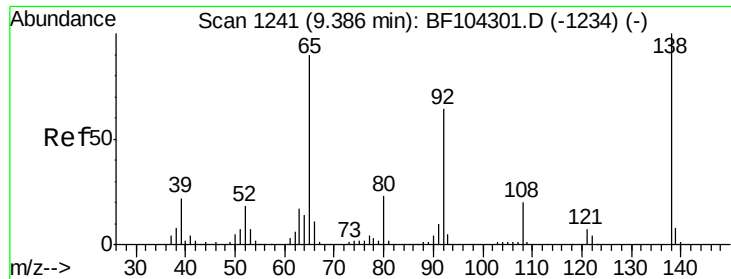


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

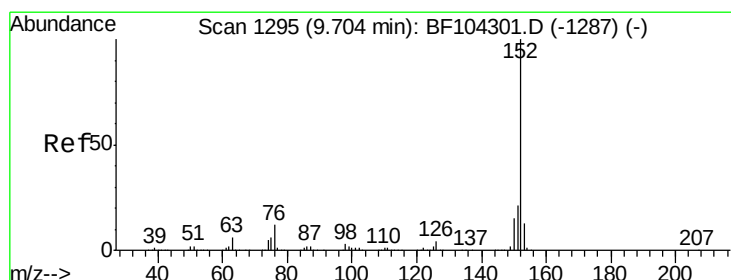
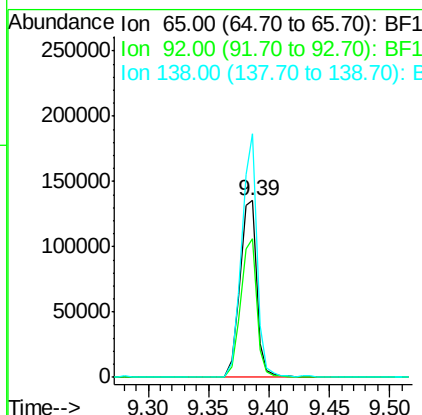
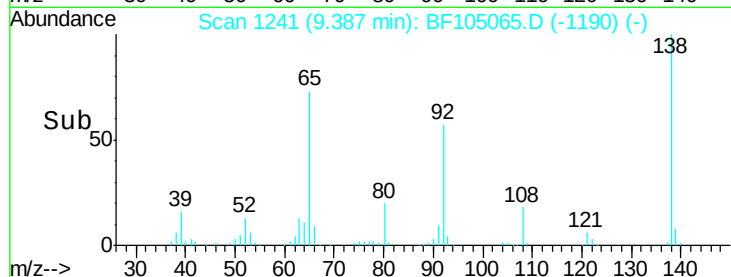
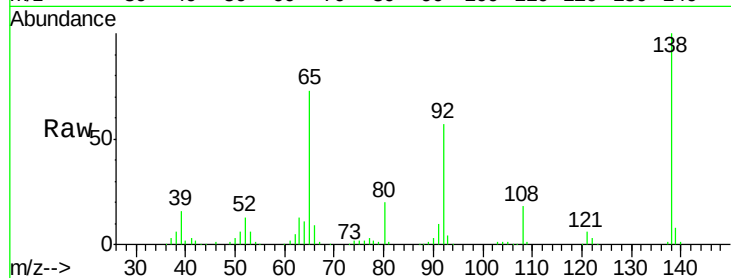




#47
 2-Nitroaniline
 Concen: 57.379 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

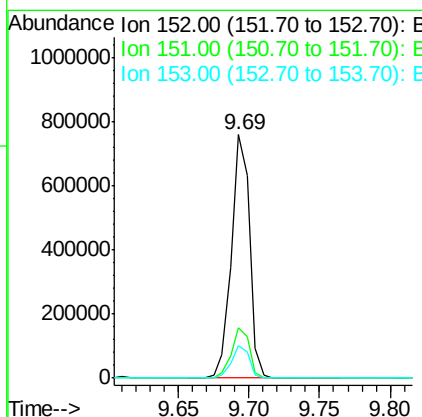
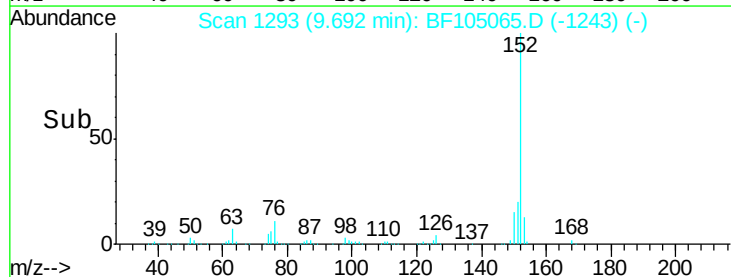
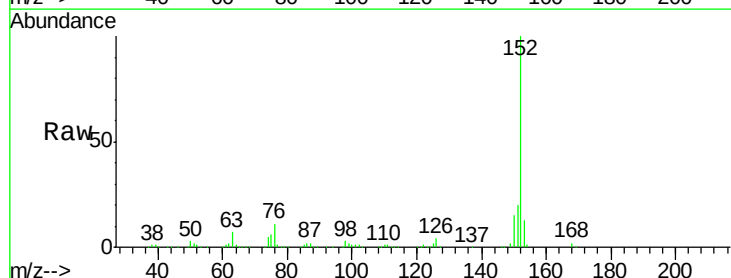
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

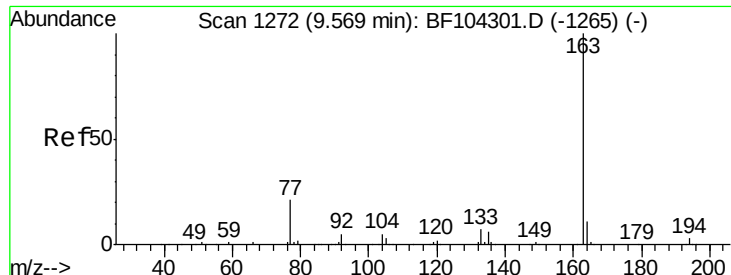
Tot Ion: 65 Resp: 133777
 Ion Ratio Lower Upper
 65 100
 92 78.4 55.8 83.6
 138 137.6 91.2 136.8#



#48
 Acenaphthylene
 Concen: 45.971 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion: 152 Resp: 679988
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.5 10.7 16.1

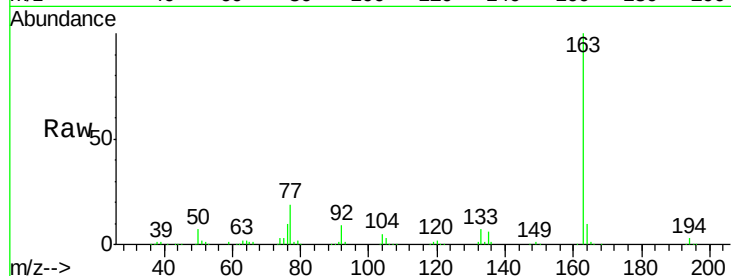




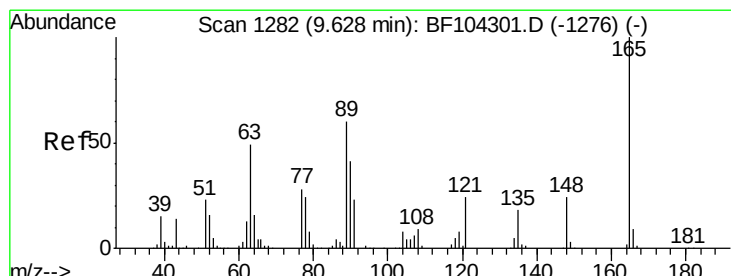
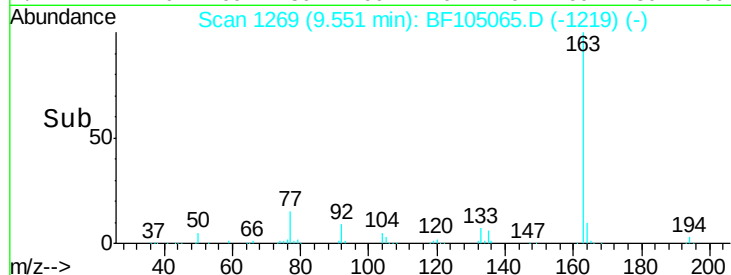
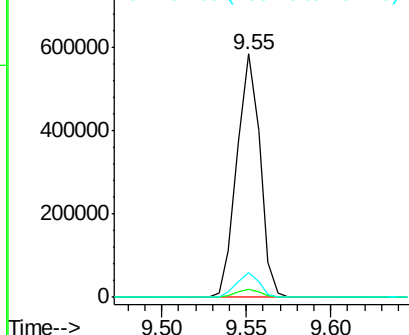
#49
Dimethylphthalate
Concen: 50.052 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:163 Resp: 560790
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

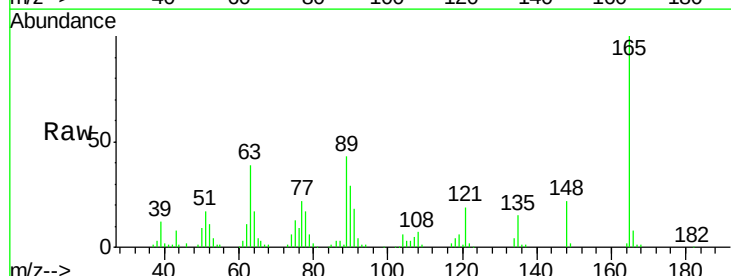


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

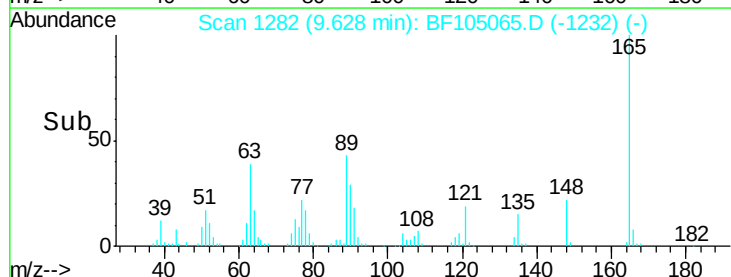
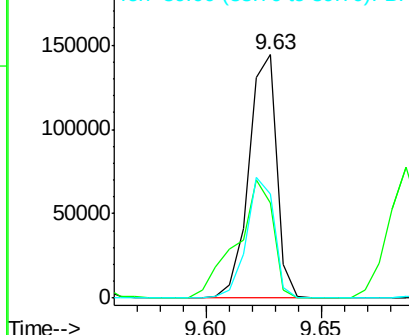


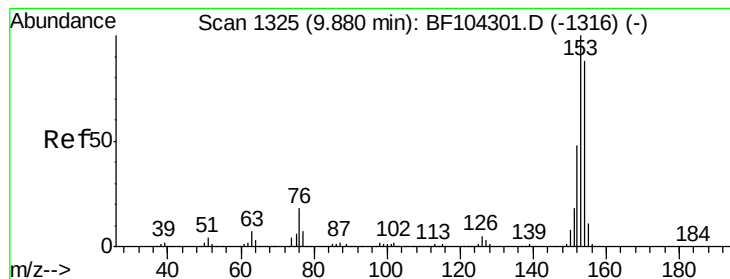
#50
2,6-Dinitrotoluene
Concen: 59.147 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:165 Resp: 122623
Ion Ratio Lower Upper
165 100
63 39.1 44.7 67.1#
89 42.6 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: 43.694 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

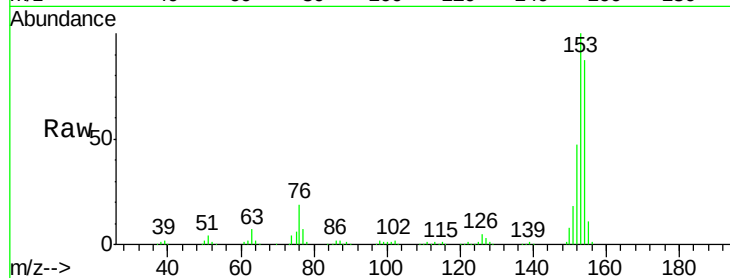
Tot Ion:154 Resp: 394341

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

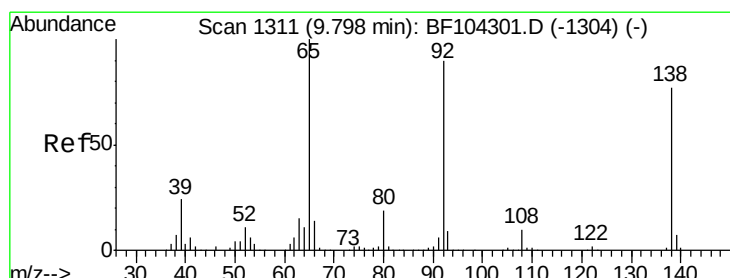
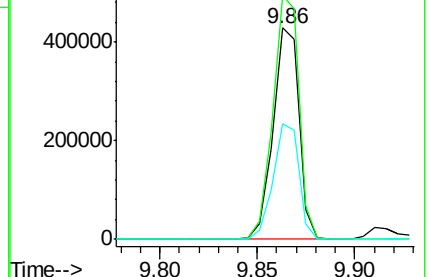
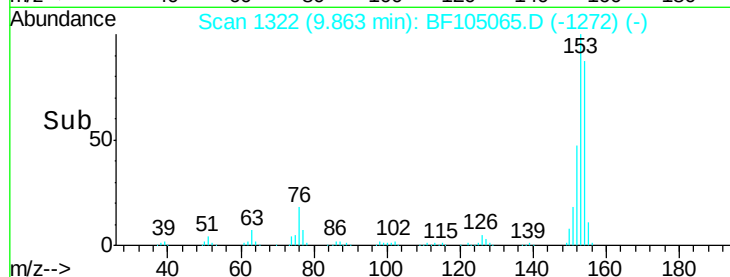
152 54.4 43.8 65.8



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: 30.677 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

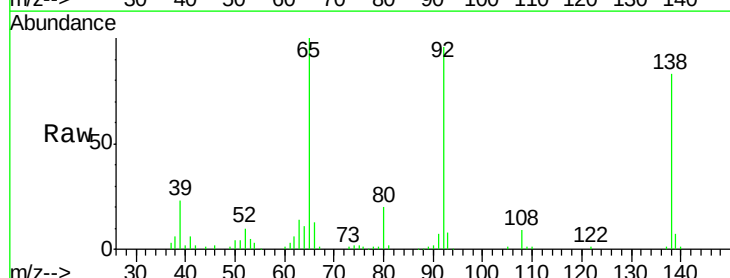
Tgt Ion:138 Resp: 74456

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

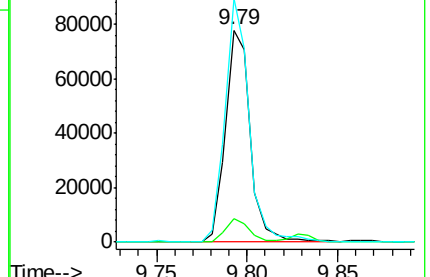
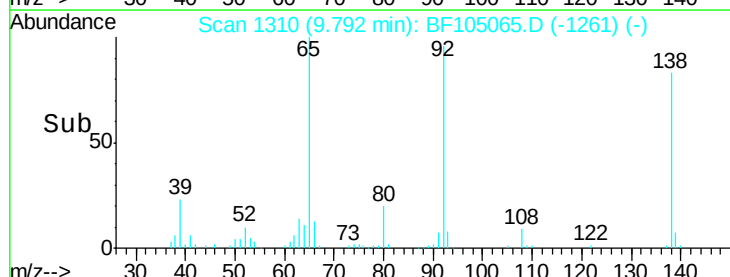
92 114.9 89.4 134.2

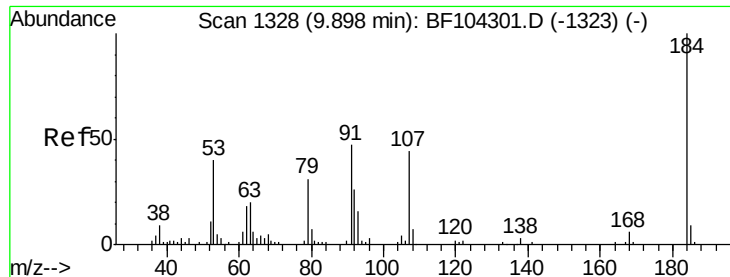


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

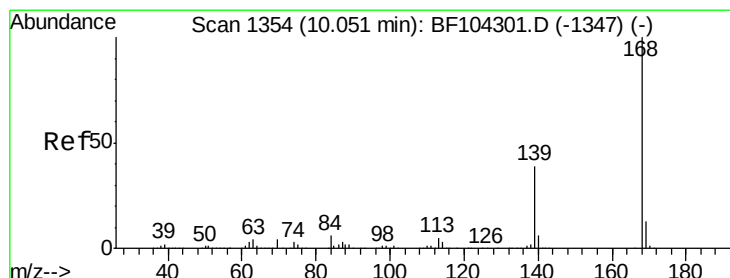
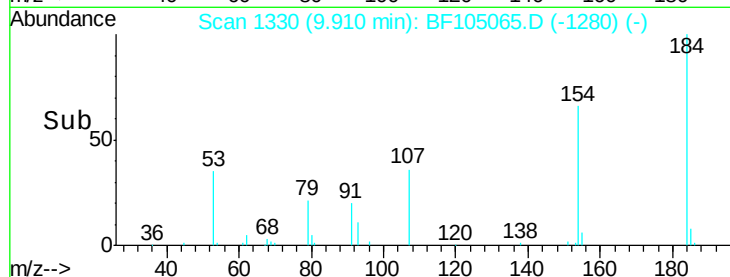
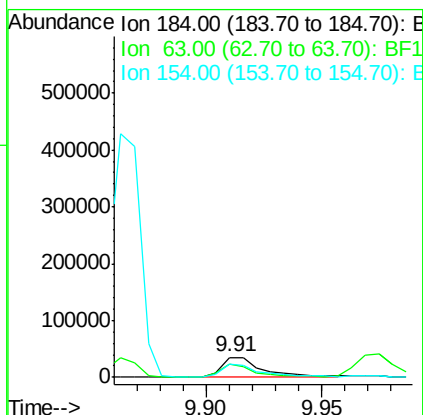
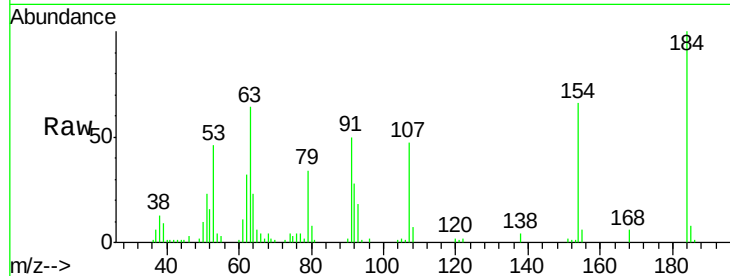




#53
 2,4-Dinitrophenol
 Concen: 59.245 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

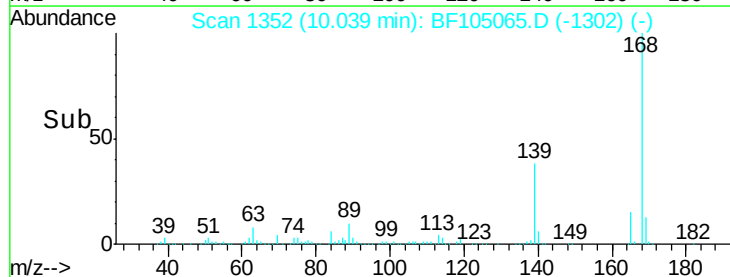
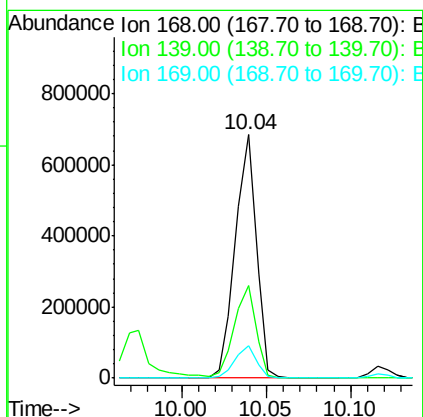
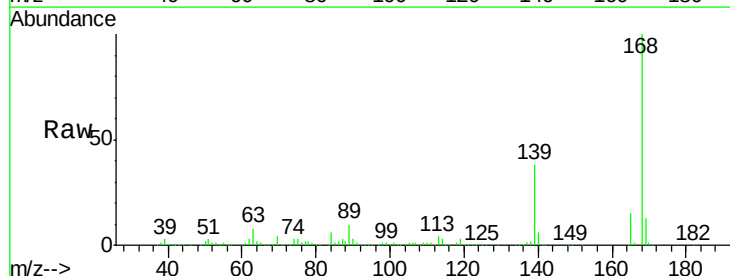
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

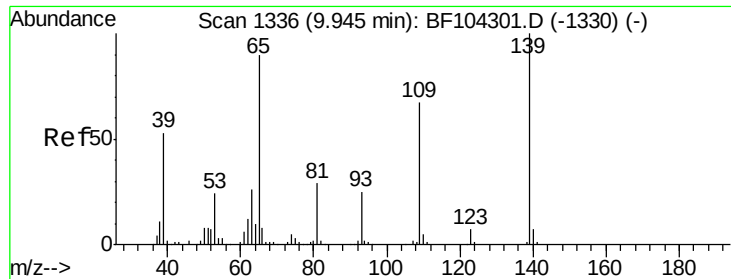
Tot Ion:184 Resp: 44268
 Ion Ratio Lower Upper
 184 100
 63 64.1 54.2 81.2
 154 66.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.378 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion:168 Resp: 595880
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.3 10.9 16.3

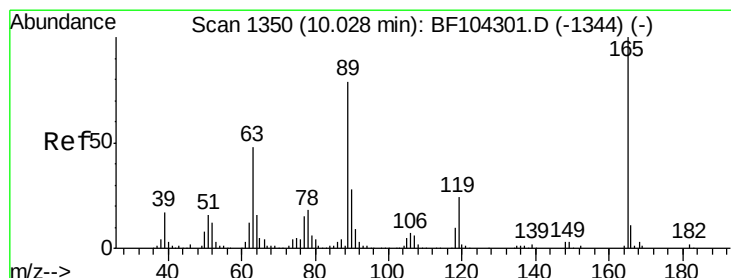
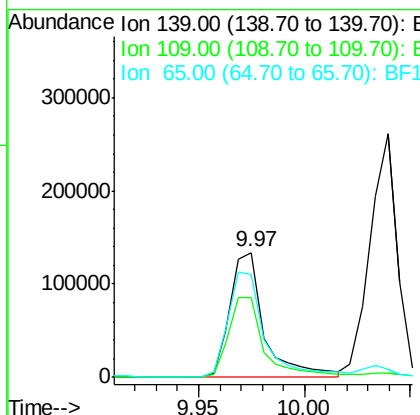
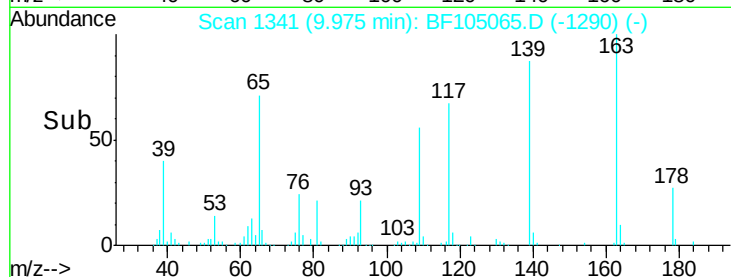
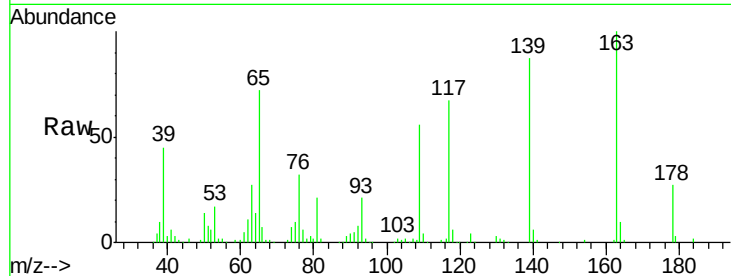




#55
4-Nitrophenol
Concen: 79.028 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

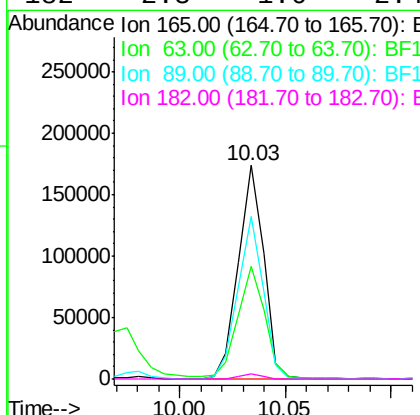
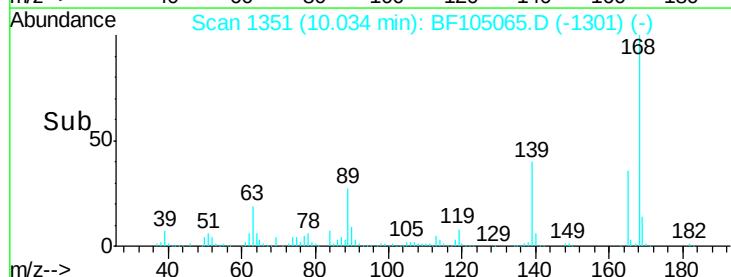
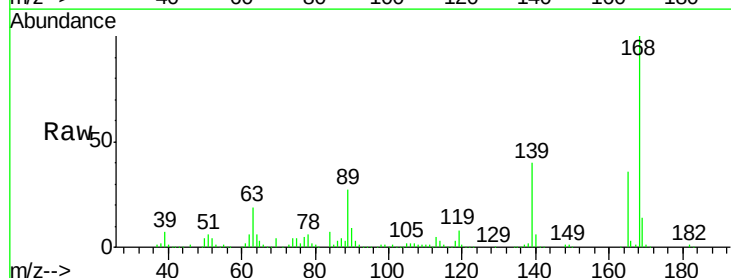
Instrument :
BNA_F
ClientSampleId :
PB108808BS

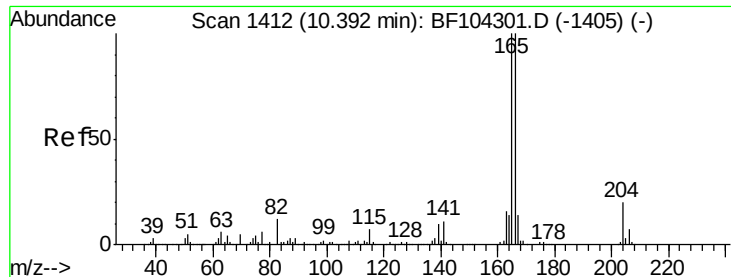
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.0	48.4	88.4
65	82.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 53.181 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.5	36.4	54.6
89	76.3	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 51.863 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

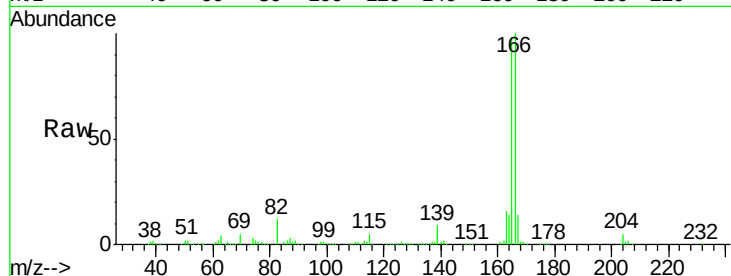
Tot Ion:166 Resp: 474787

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

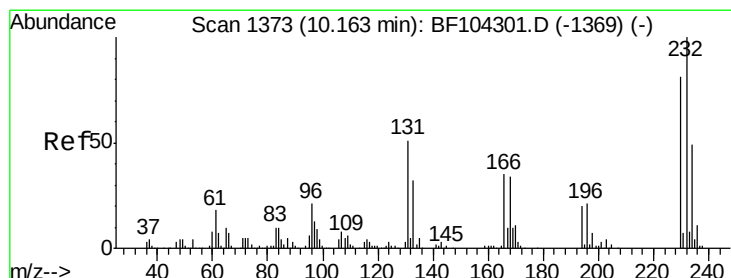
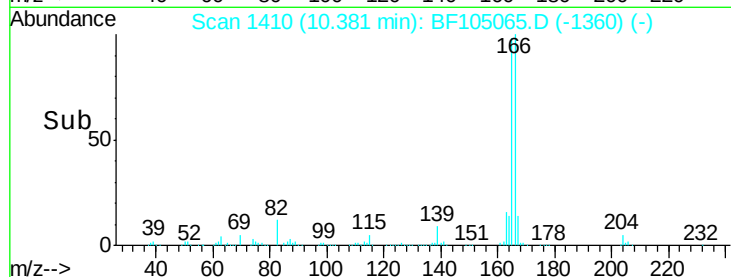
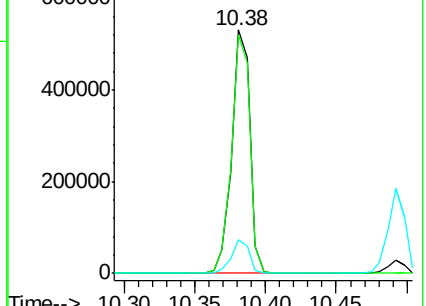
167 13.8 10.6 16.0



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: 48.711 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Tgt Ion:232 Resp: 114815

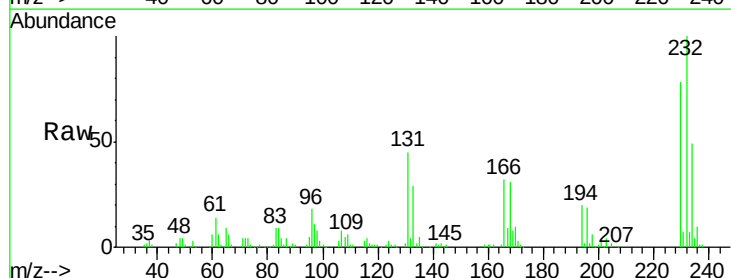
Ion Ratio Lower Upper

232 100

131 48.2 43.8 65.8

130 2.2 2.1 3.1

166 33.3 27.8 41.6

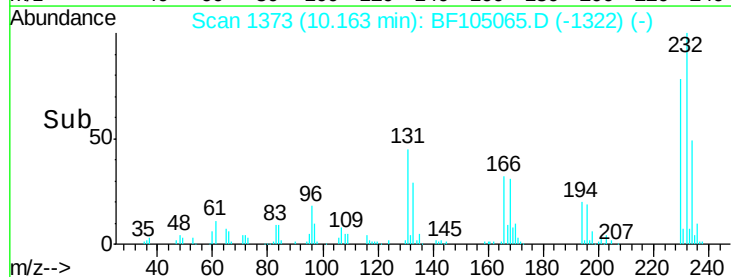
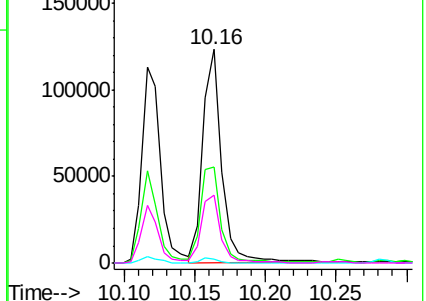


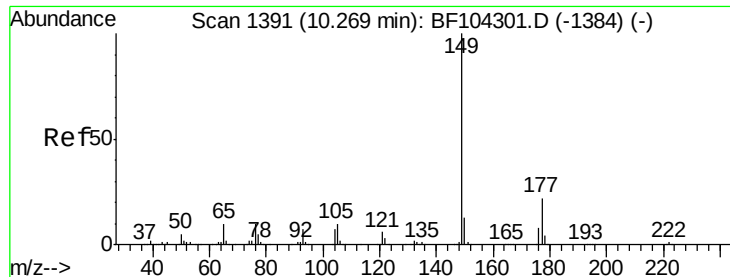
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.847 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

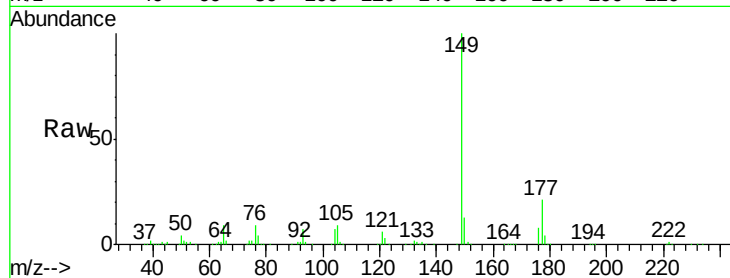
Tot Ion:149 Resp: 533905

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

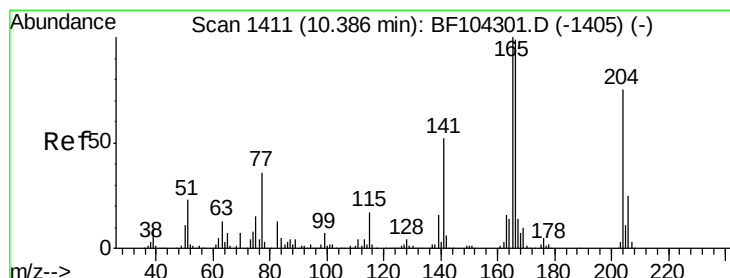
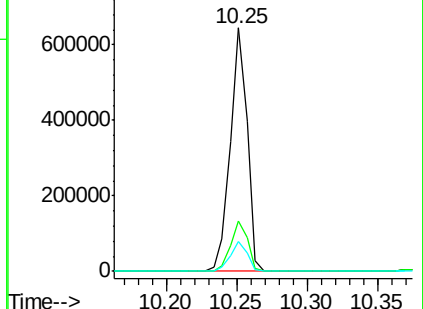
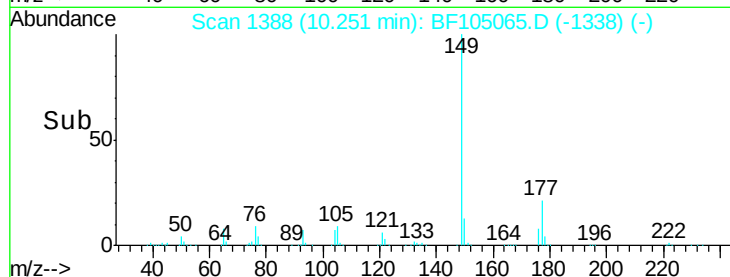
150 12.5 10.1 15.1



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: 56.374 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

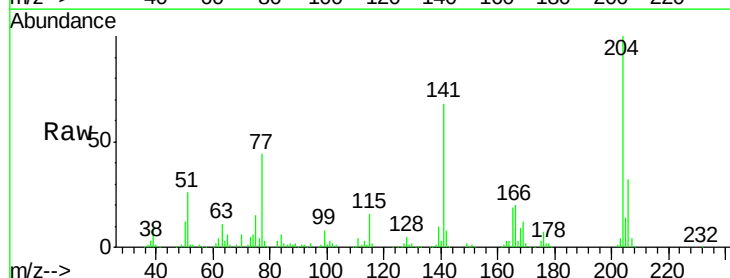
Tgt Ion:204 Resp: 229836

Ion Ratio Lower Upper

204 100

206 32.1 26.5 39.7

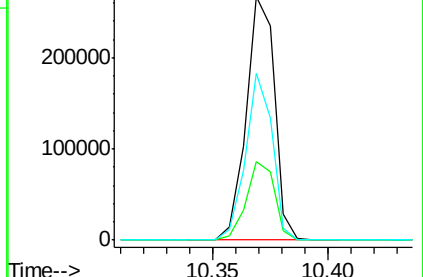
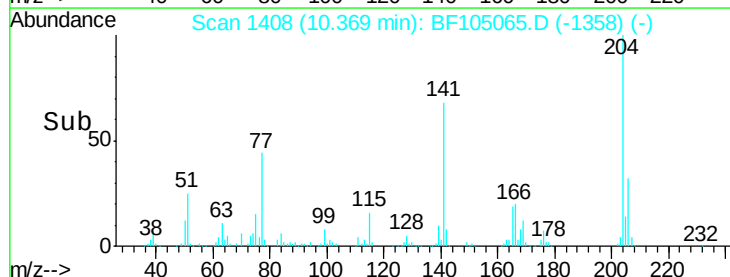
141 68.4 54.6 81.8

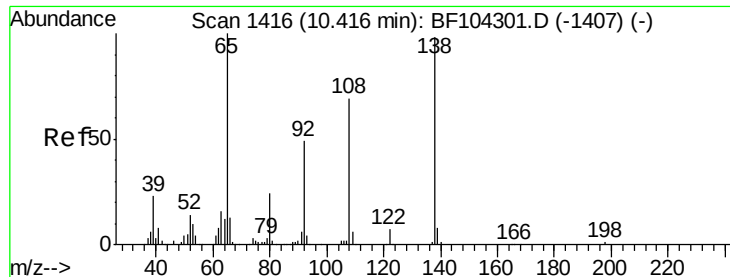


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

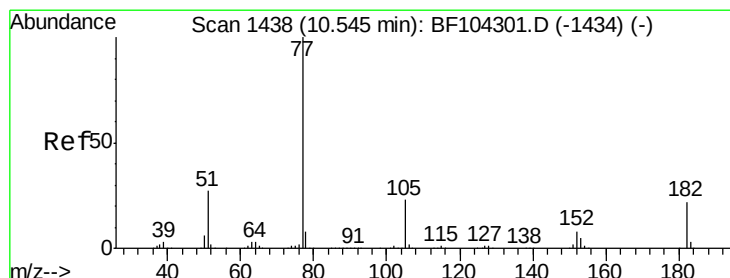
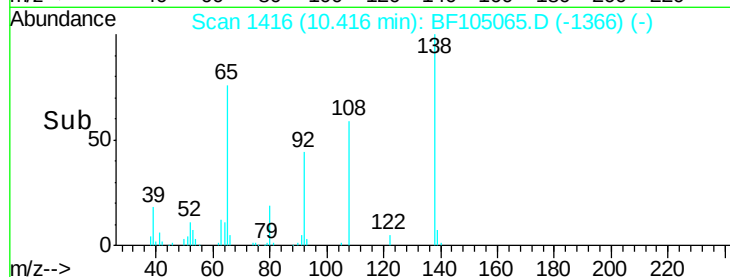
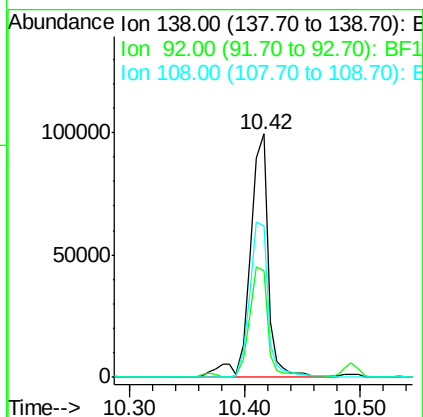
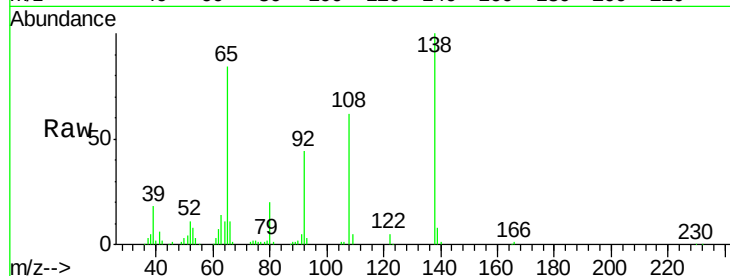




#61
4-Nitroaniline
Concen: 46.335 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

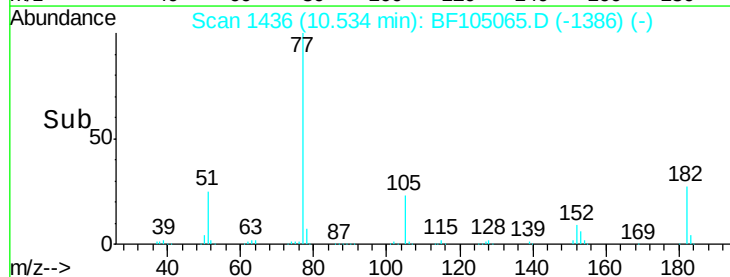
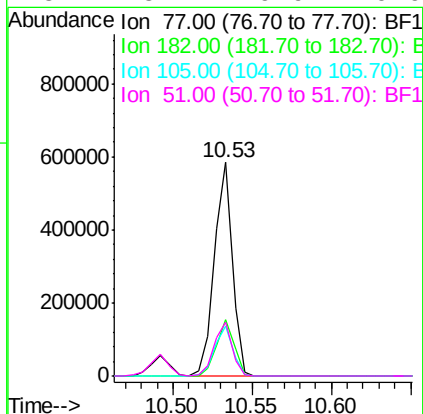
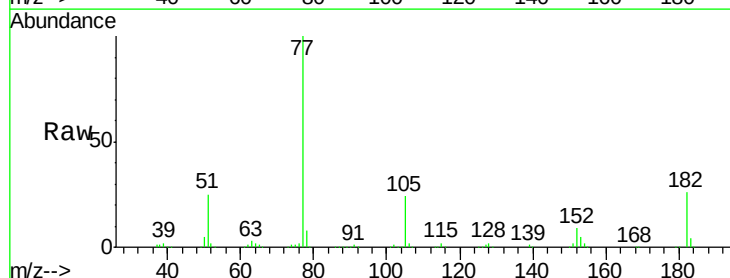
Instrument :
BNA_F
ClientSampleId :
PB108808BS

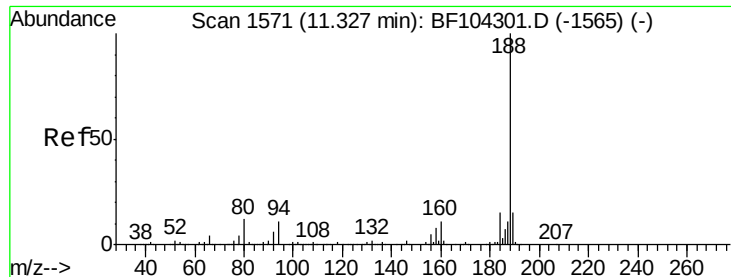
Tot Ion:138 Resp: 109959
Ion Ratio Lower Upper
138 100
92 43.8 30.2 70.2
108 62.1 52.5 92.5



#62
Azobenzene
Concen: 43.386 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion: 77 Resp: 462529
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 23.7 3.0 43.0
51 25.1 9.9 49.9

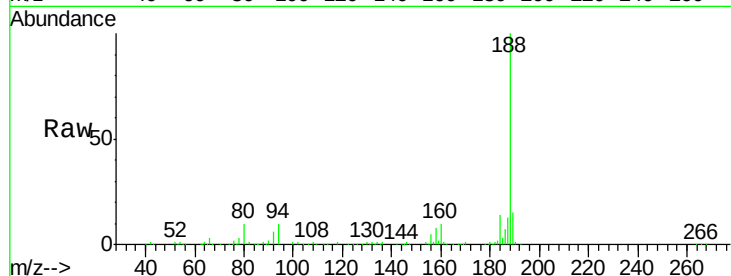




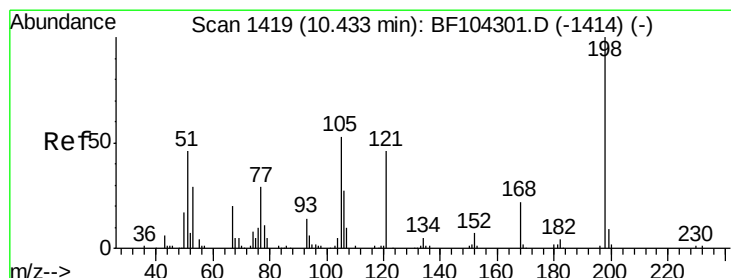
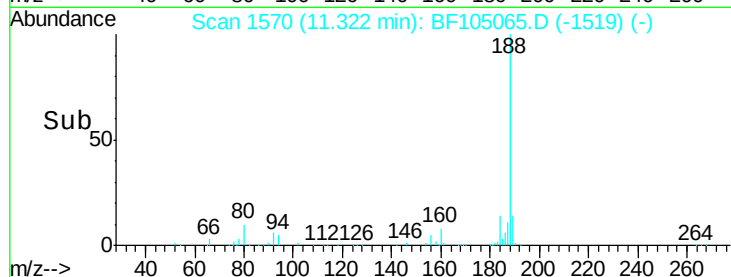
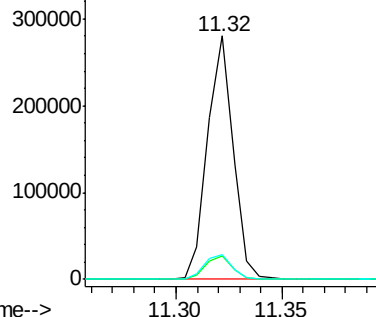
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Instrument :
BNA_F
ClientSampleId :
PB108808BS

Tot Ion:188 Resp: 234790
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8

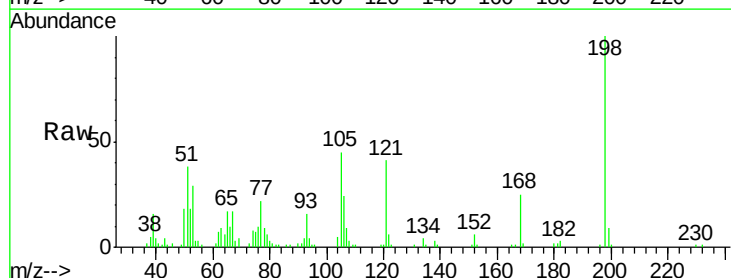


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

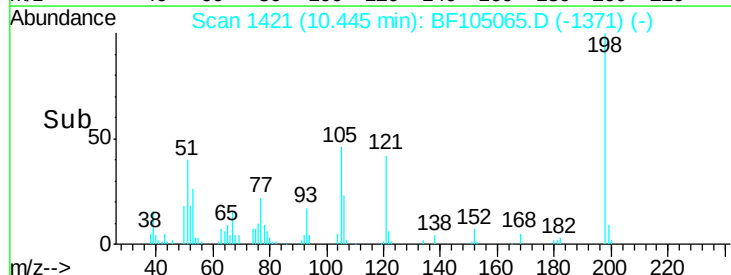
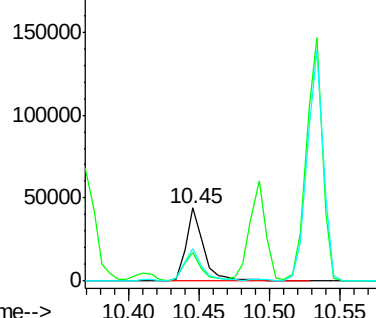


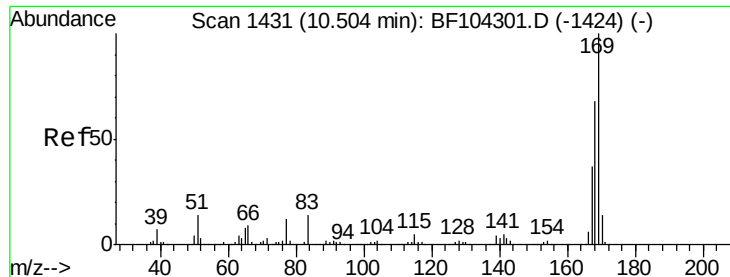
#64
4,6-Dinitro-2-methylphenol
Concen: 35.654 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:198 Resp: 38218
Ion Ratio Lower Upper
198 100
51 38.4 37.7 77.7
105 44.8 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: 52.858 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

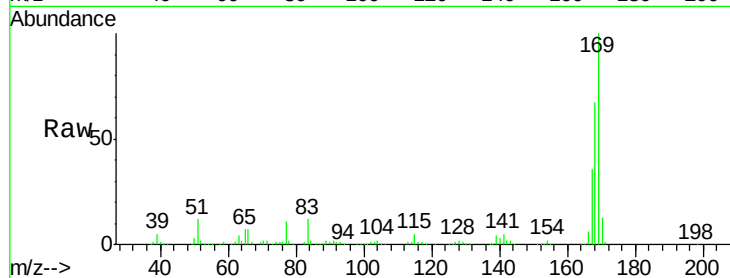
Tot Ion:169 Resp: 430301

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

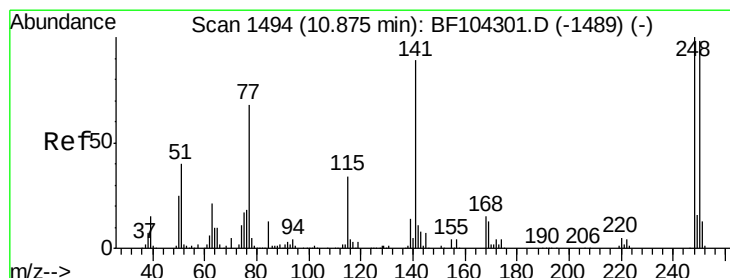
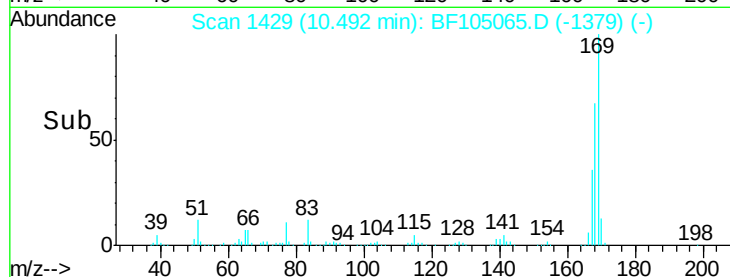
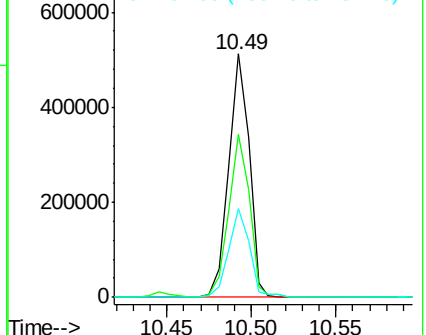
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.208 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

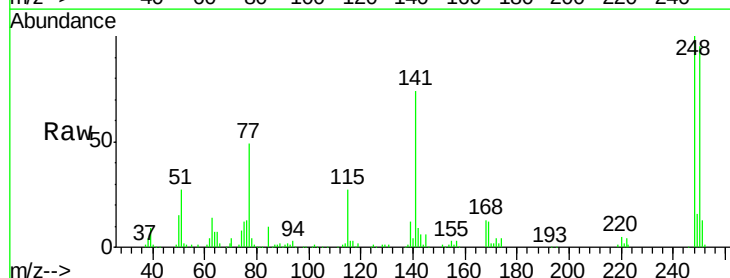
Tgt Ion:248 Resp: 135379

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

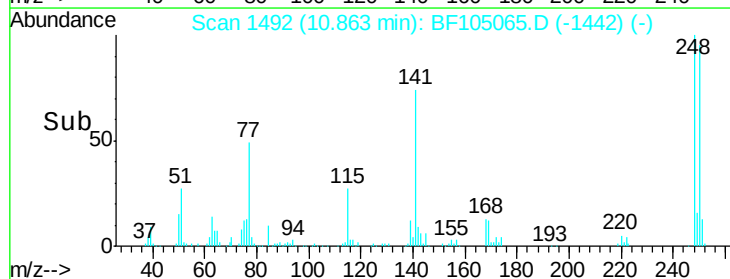
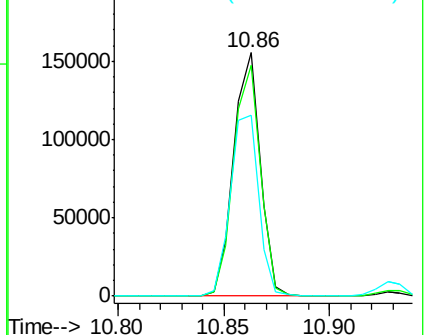
141 74.1 74.4 111.6#

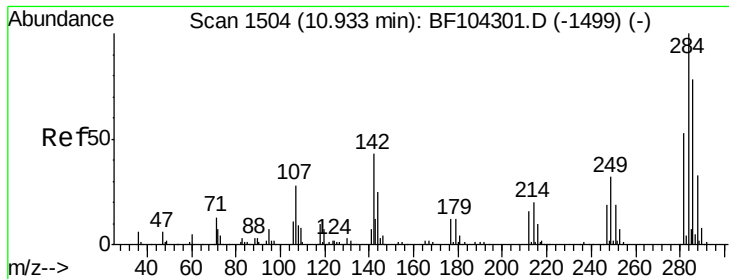


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.576 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

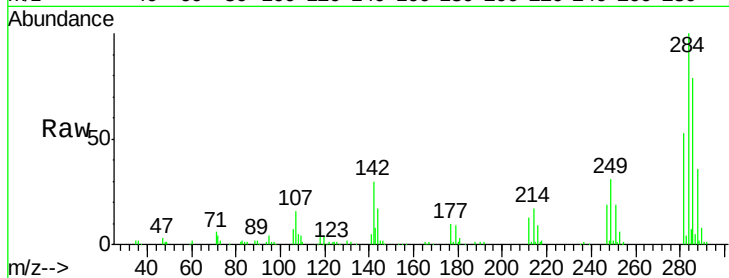
Tot Ion:284 Resp: 142125

Ion Ratio Lower Upper

284 100

142 29.7 34.6 52.0#

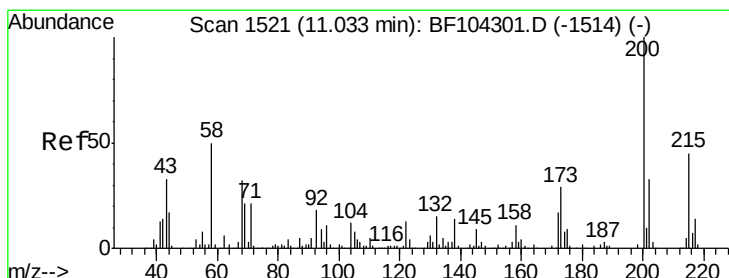
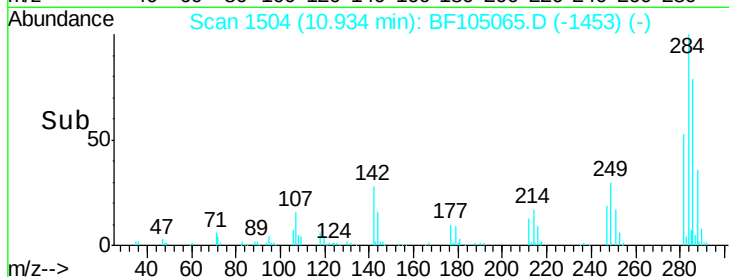
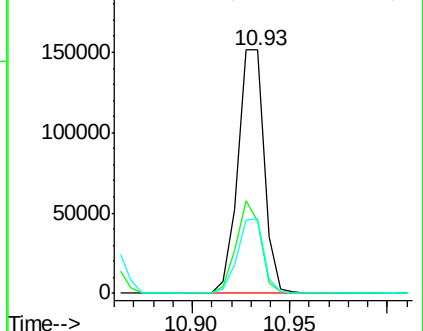
249 30.9 24.8 37.2



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: 55.895 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

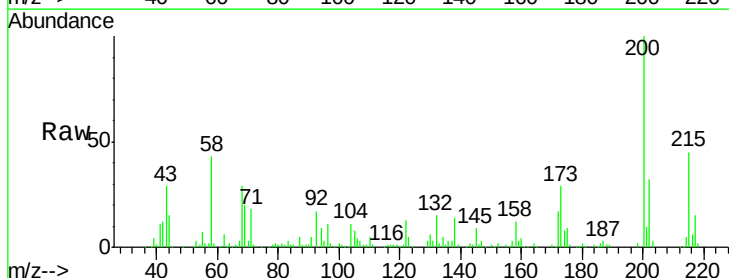
Tgt Ion:200 Resp: 137348

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

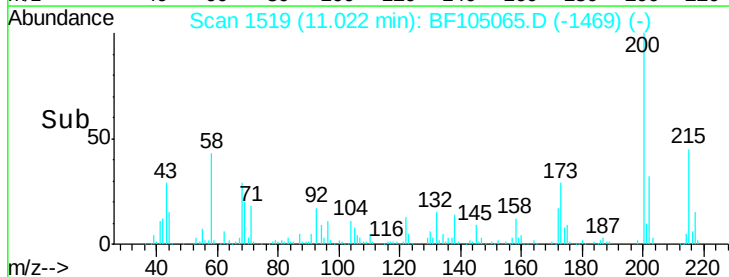
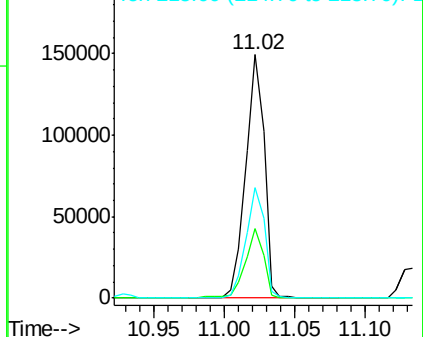
215 45.5 25.1 65.1

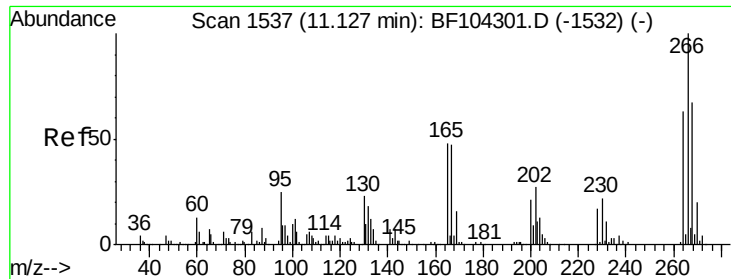


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

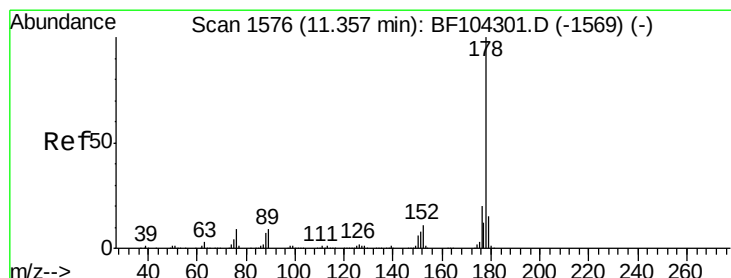
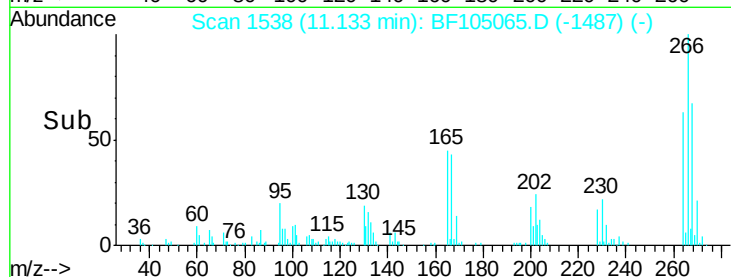
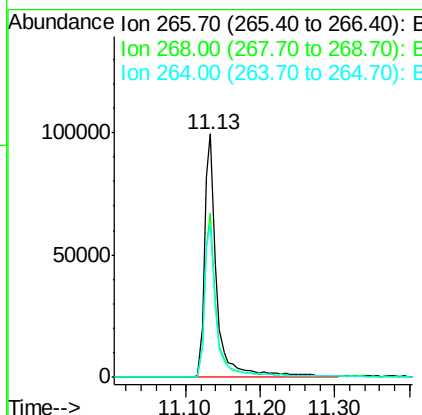
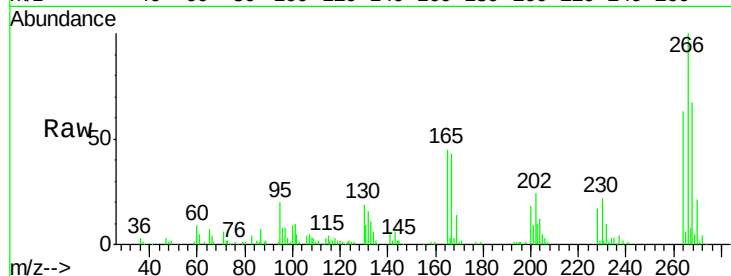




#69
 Pentachlorophenol
 Concen: 66.648 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

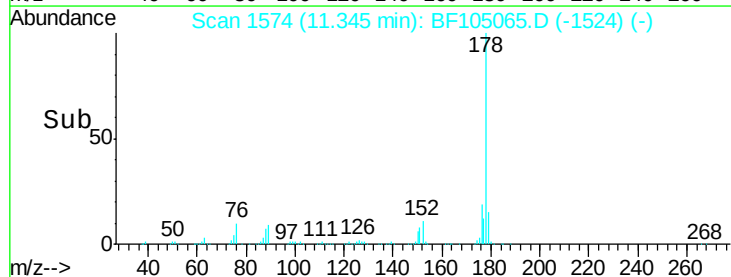
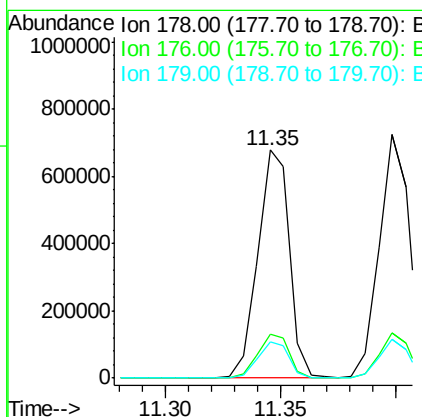
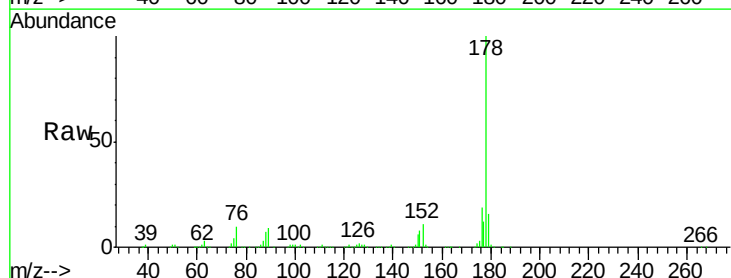
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

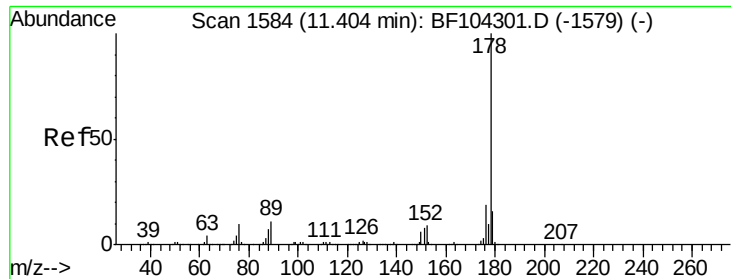
Tot Ion:266 Resp: 115867
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 49.448 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion:178 Resp: 646542
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 13.0 19.6

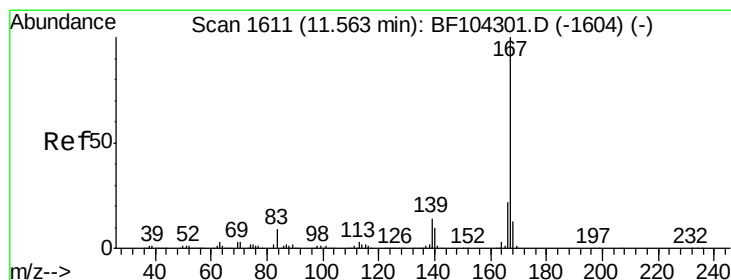
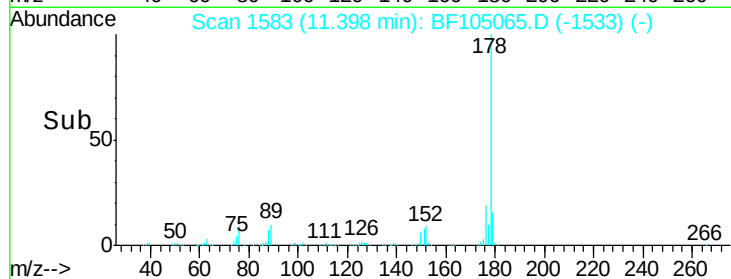
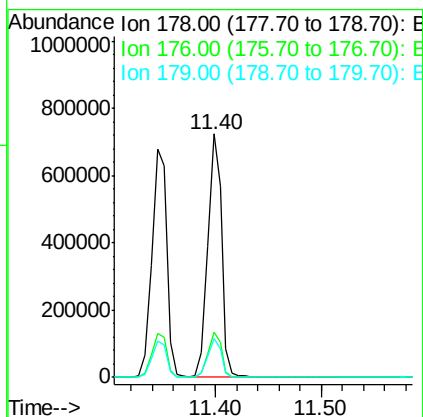
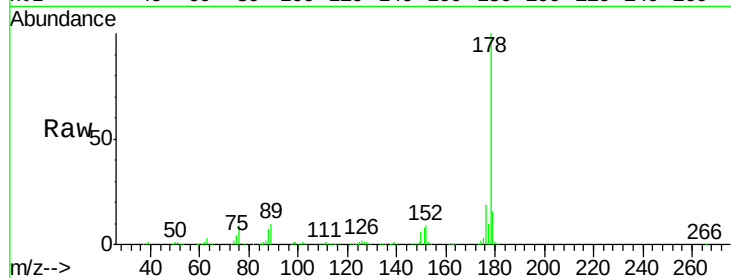




#71
 Anthracene
 Concen: 49.974 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

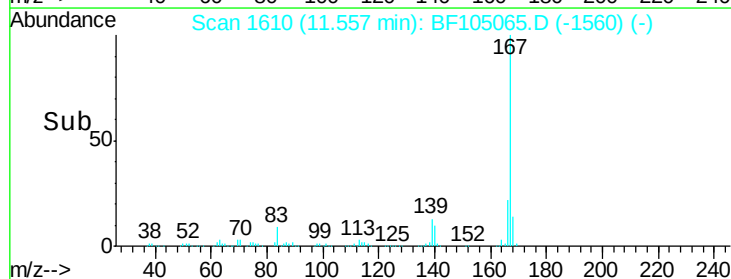
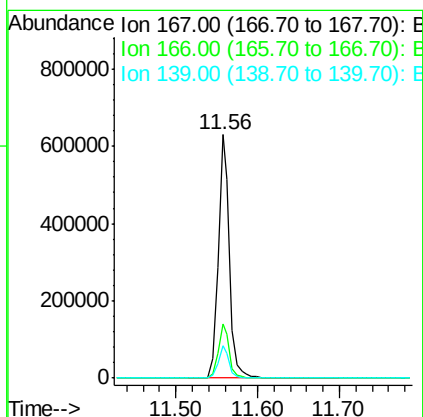
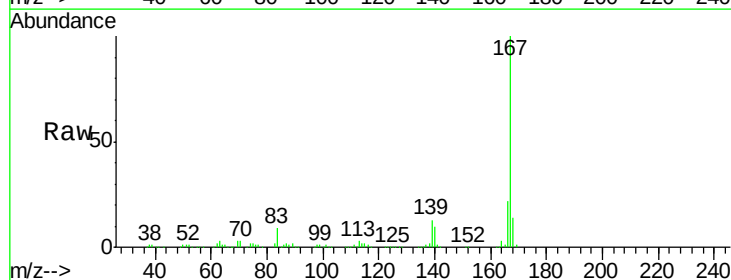
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

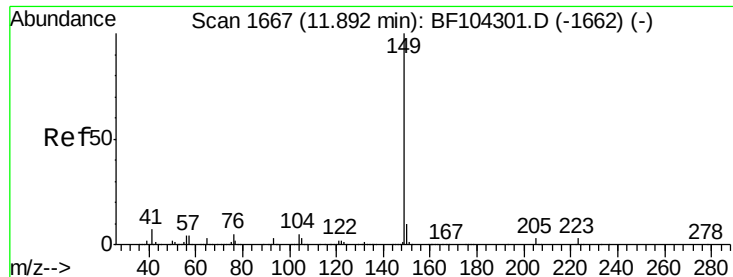
Tot Ion:178 Resp: 664213
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 46.101 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion:167 Resp: 598746
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.452 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

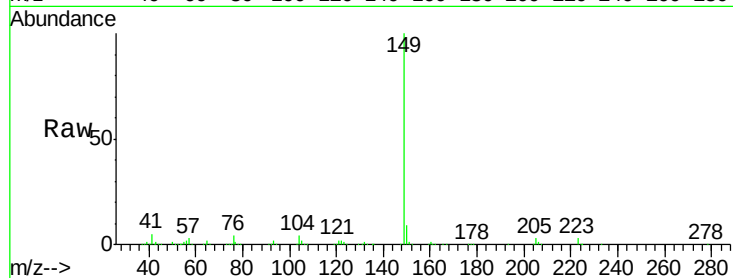
Tot Ion:149 Resp: 800434

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

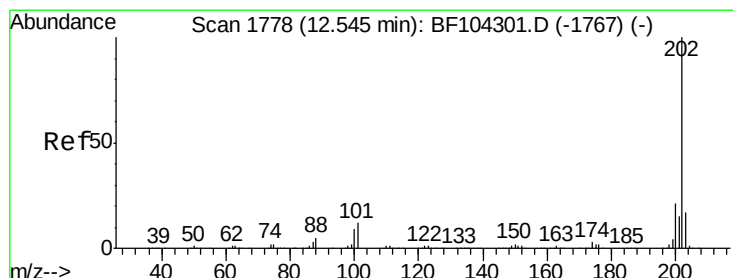
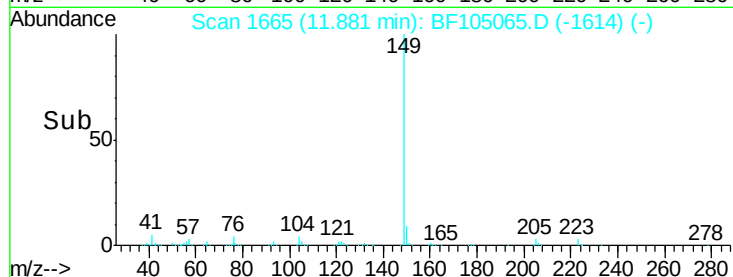
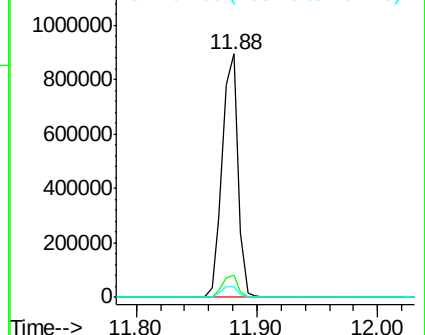
104 4.1 3.8 5.8



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: 46.078 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

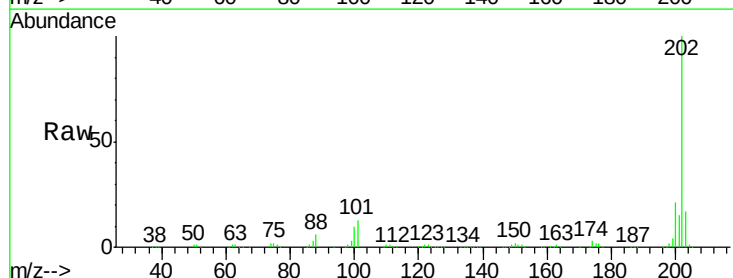
Tgt Ion:202 Resp: 629475

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

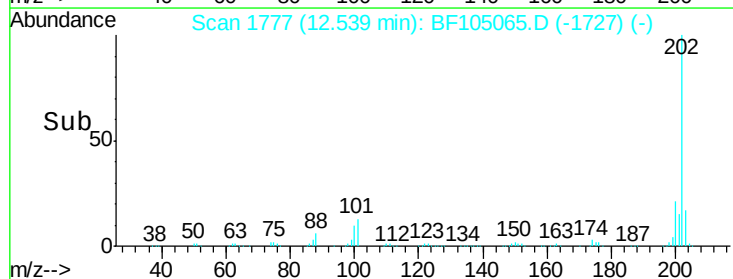
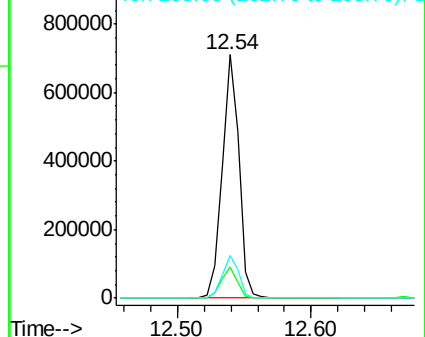
203 17.3 0.0 38.1

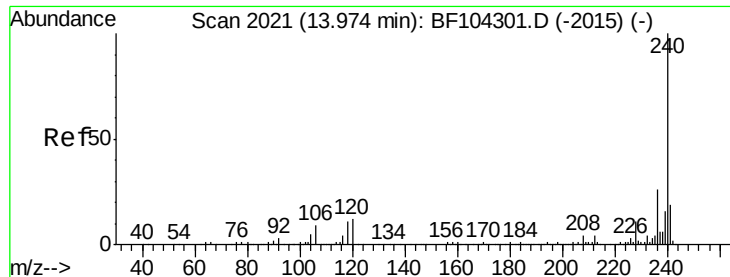


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

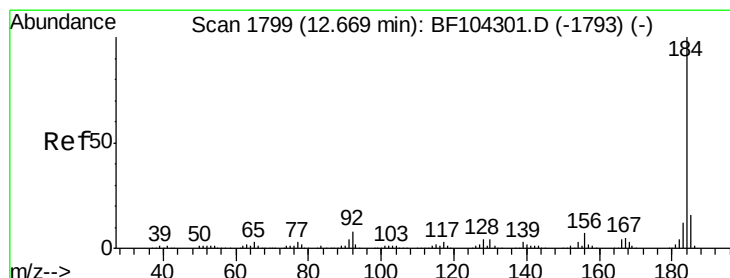
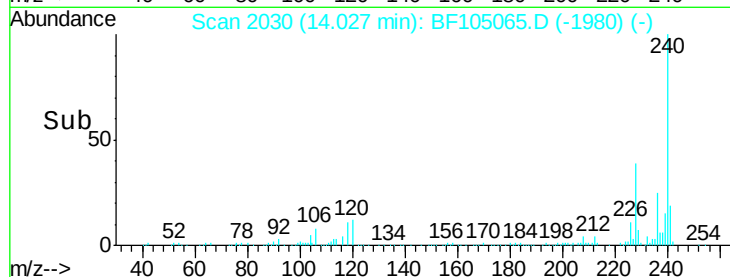
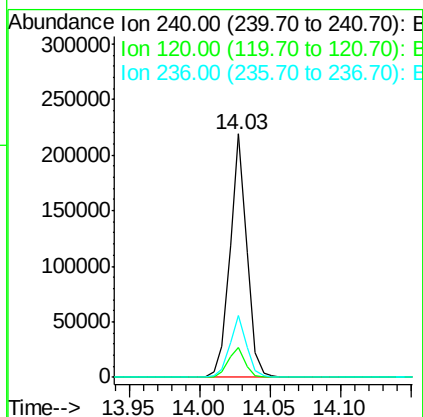
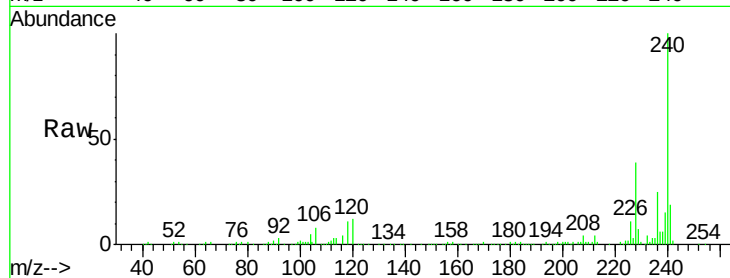




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

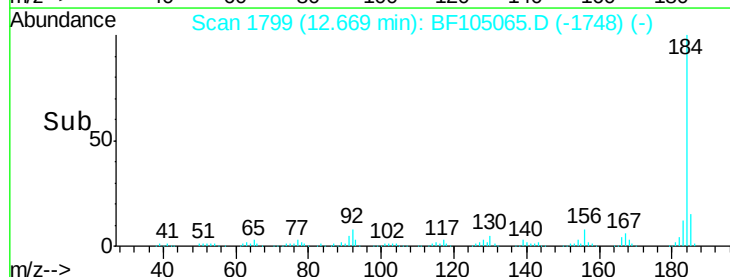
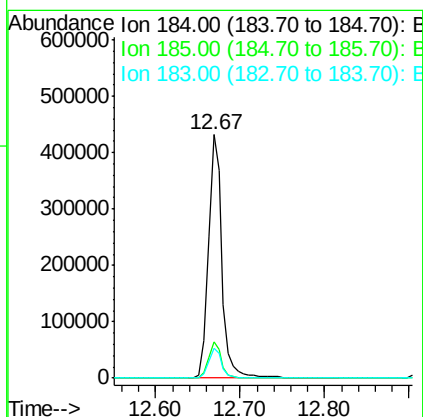
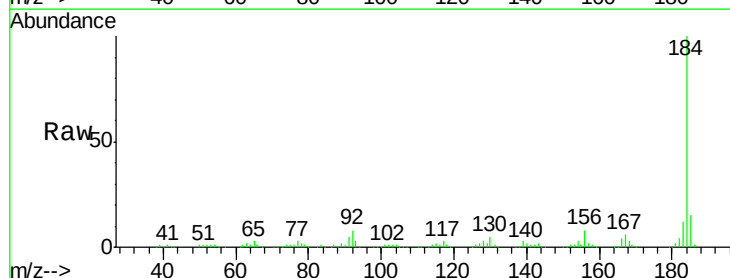
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

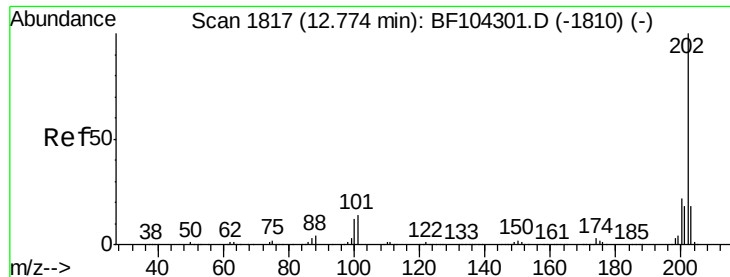
Tot Ion:240 Resp: 181856
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 25.2 20.7 31.1



#76
 Benzidine
 Concen: Below Cal
 RT: 12.67 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion:184 Resp: 486648
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.6 18.8
 183 12.3 9.3 13.9

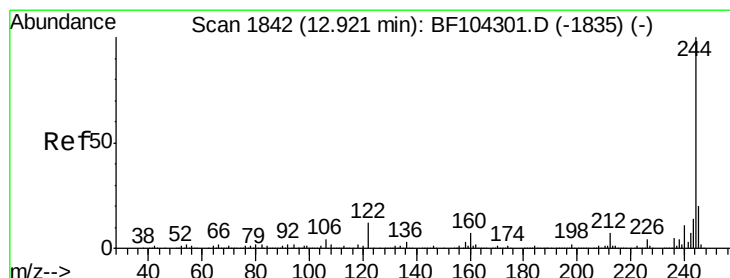
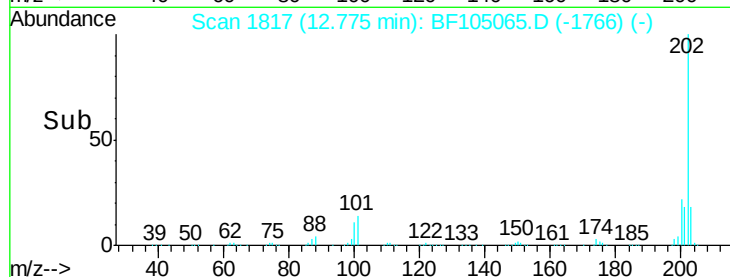
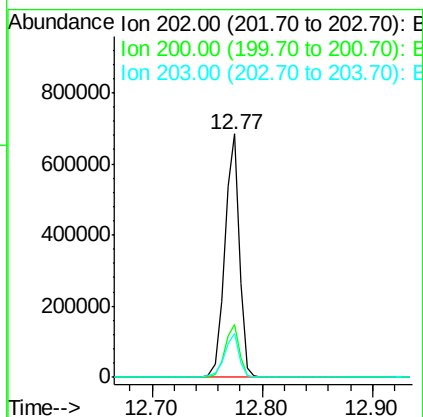
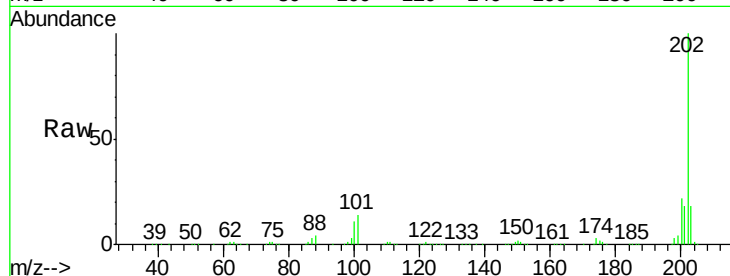




#77
Pvrene
Concen: 46.742 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

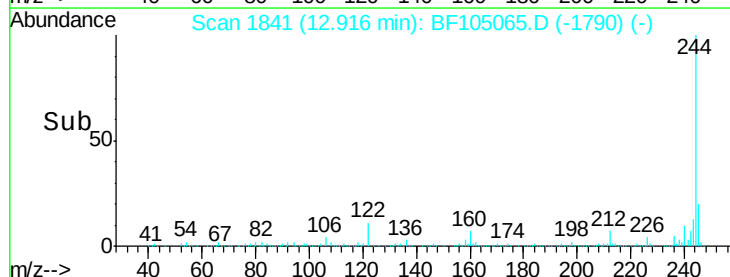
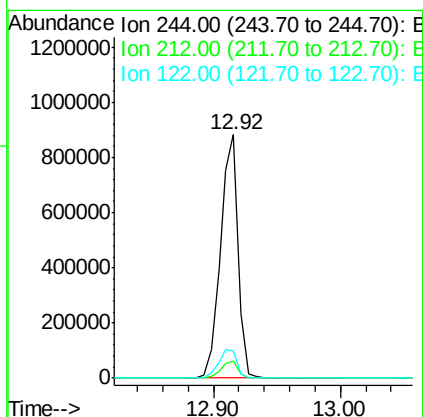
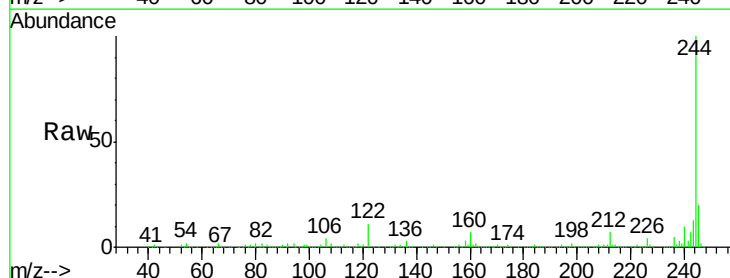
Instrument :
BNA_F
ClientSampleId :
PB108808BS

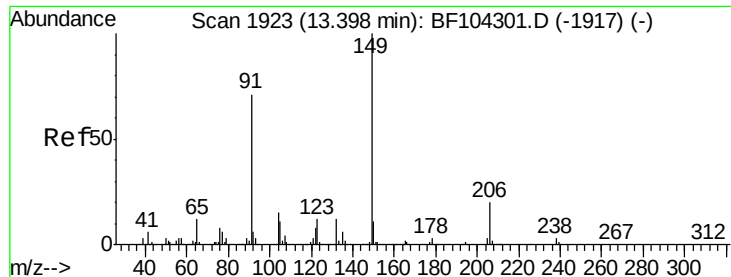
Tot Ion:202 Resp: 630067
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 106.701 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:244 Resp: 851126
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.3 11.0 16.4

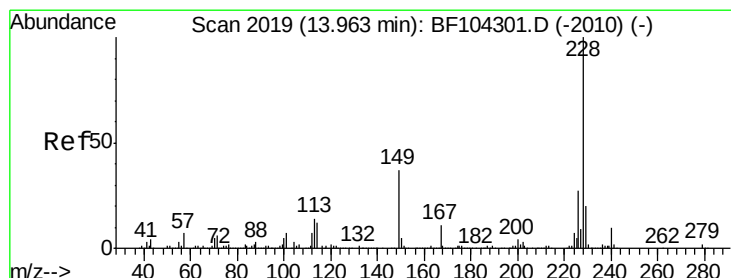
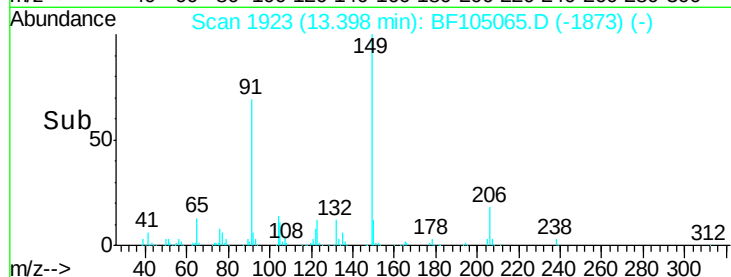
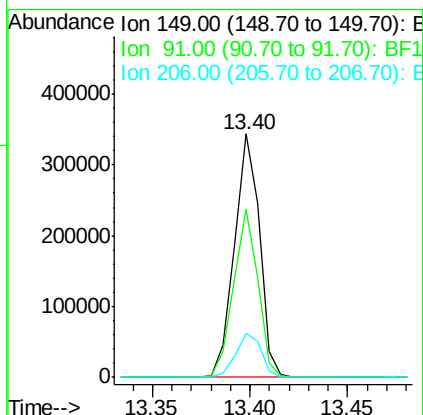
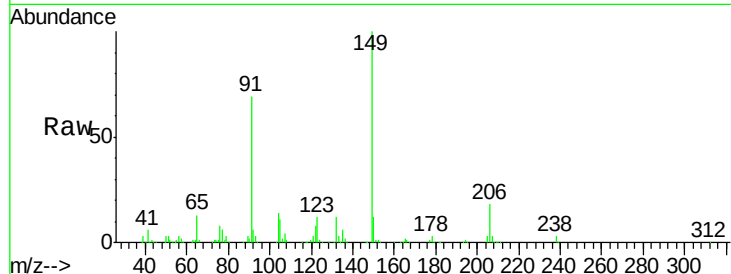




#79
Butylbenzylphthalate
Concen: 48.290 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

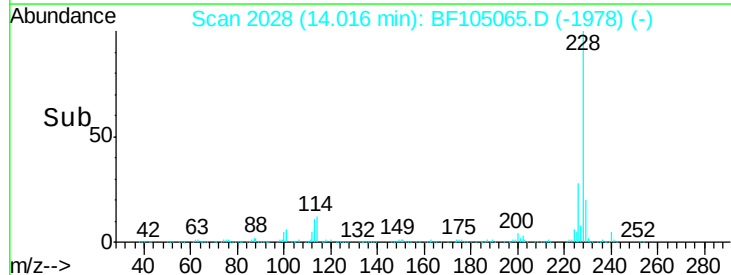
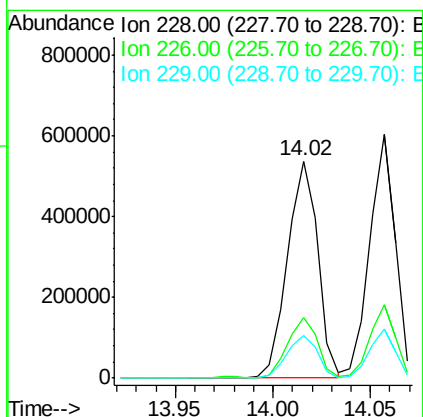
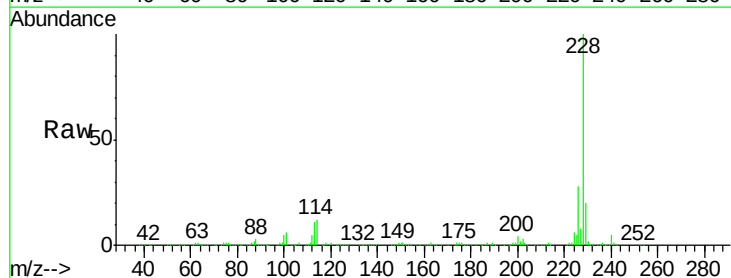
Instrument :
BNA_F
ClientSampleId :
PB108808BS

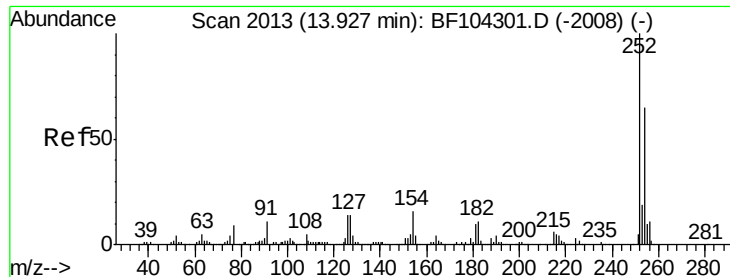
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 53.060 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6

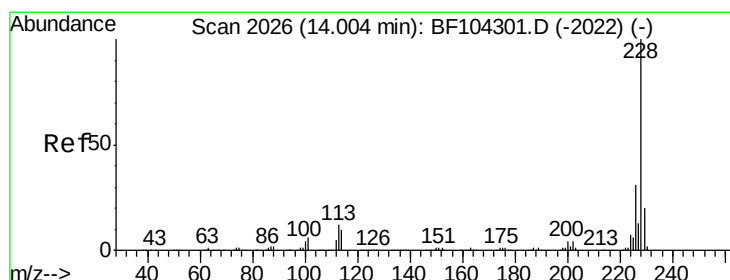
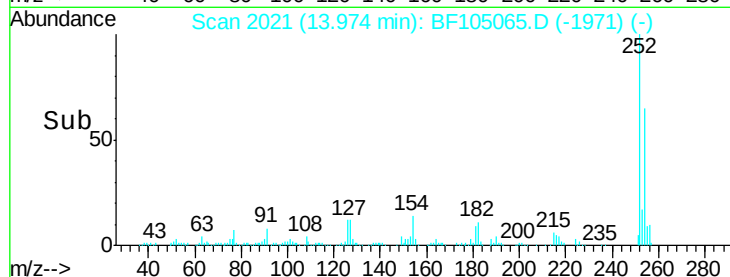
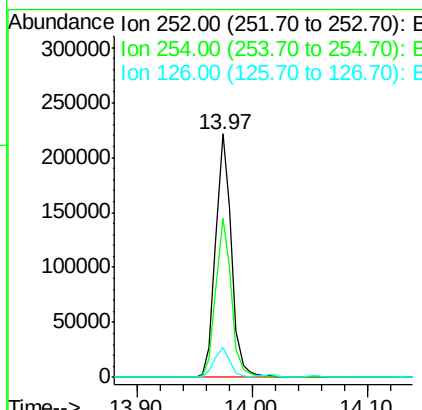
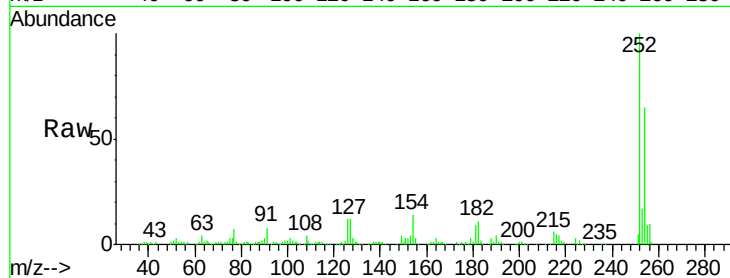




#81
 3,3'-Dichlorobenzidine
 Concen: 52.011 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

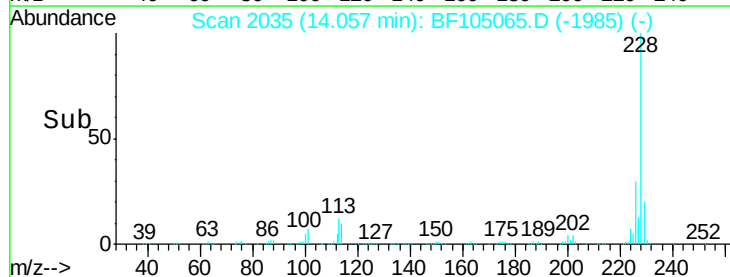
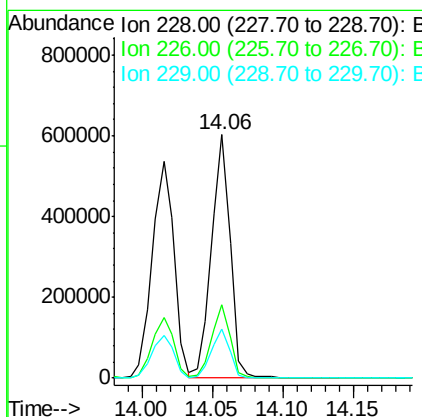
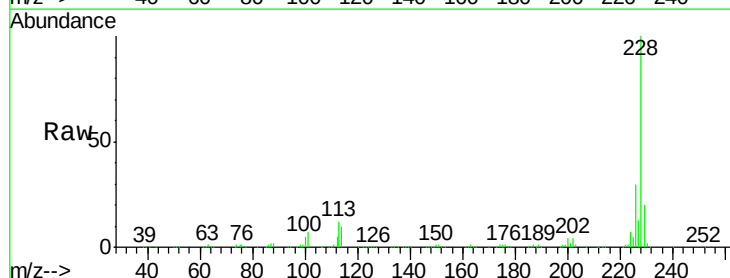
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

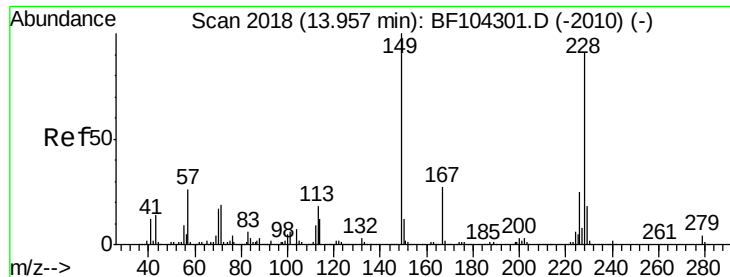
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	12.2	11.3	16.9



#82
 Chrysene
 Concen: 49.789 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.348 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

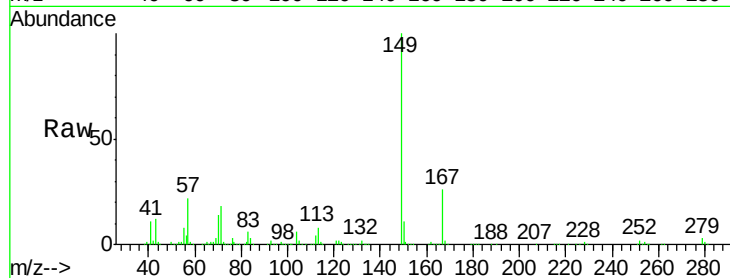
Tot Ion:149 Resp: 427597

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

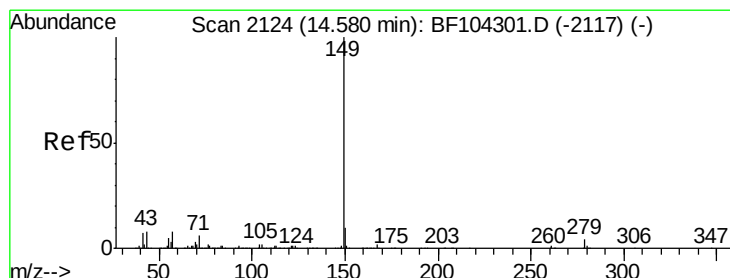
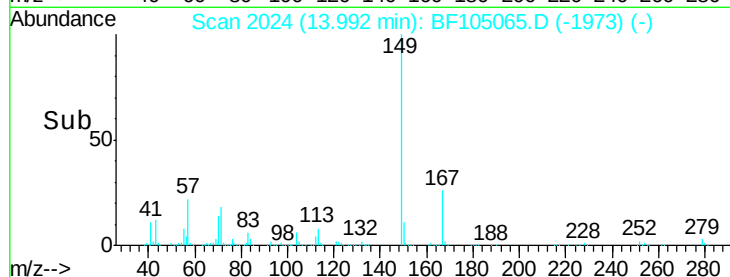
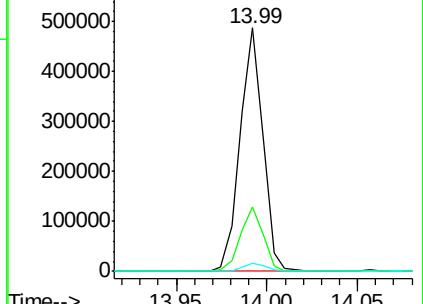
279 3.4 3.0 4.4



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: 52.847 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

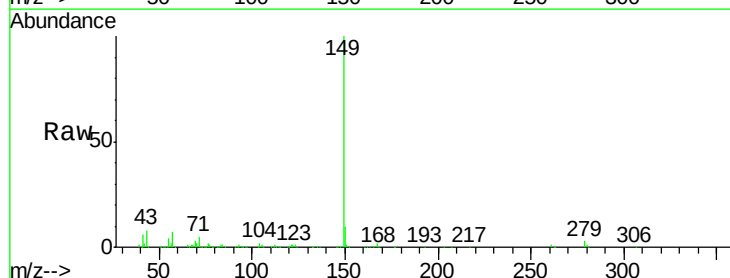
Tgt Ion:149 Resp: 721293

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

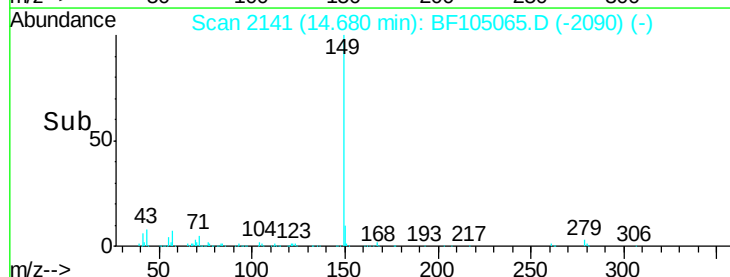
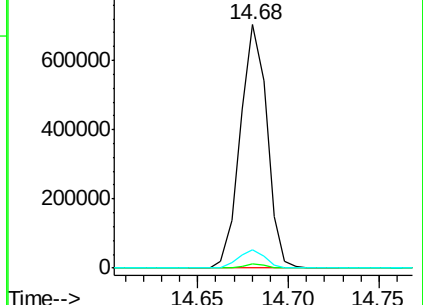
43 7.7 8.4 12.6#

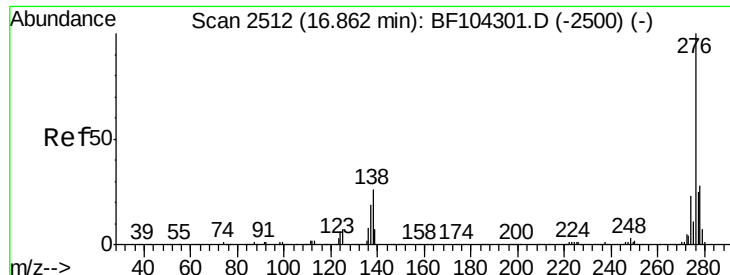


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

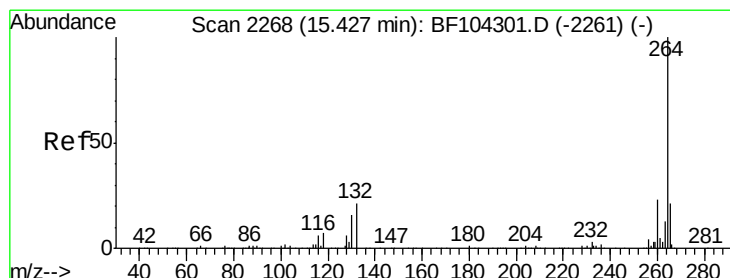
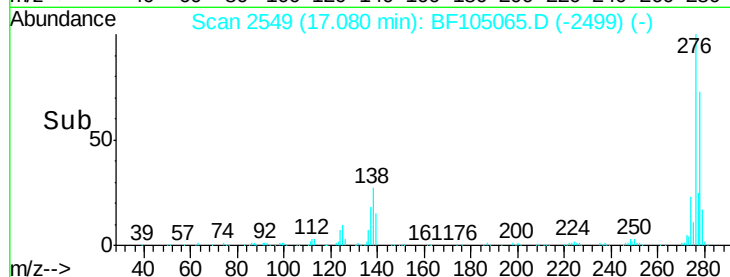
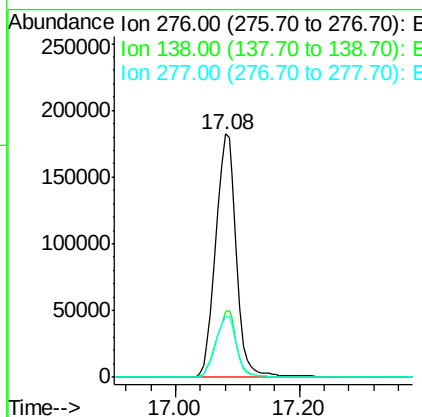
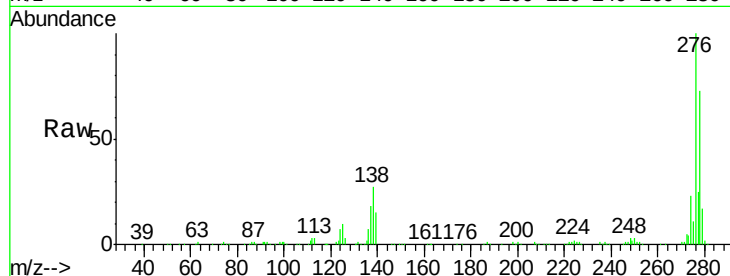




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.721 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

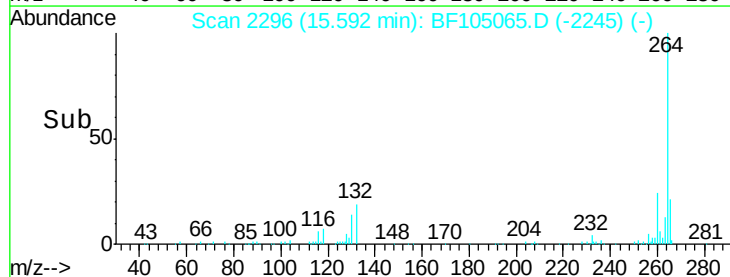
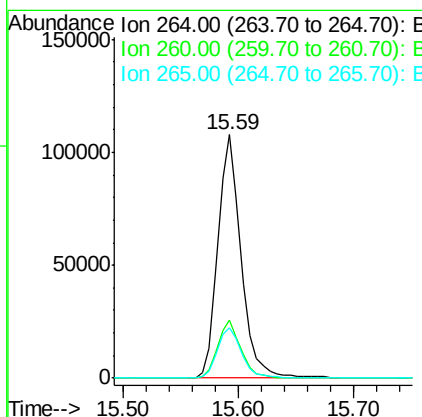
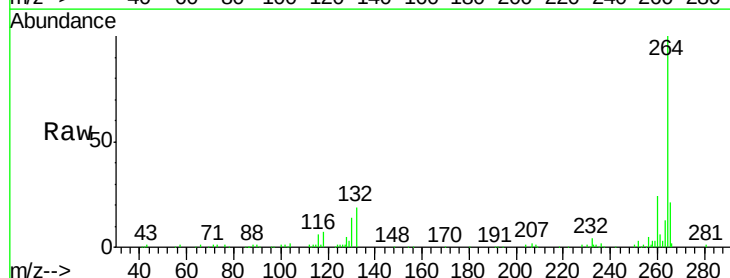
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

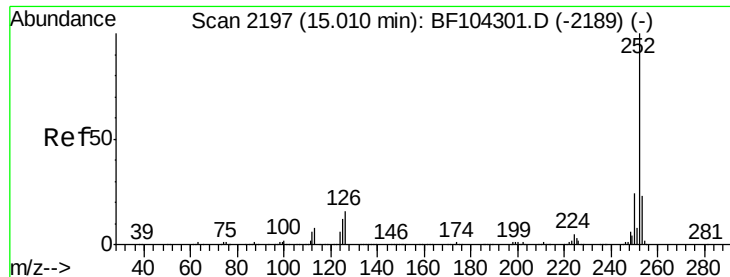
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BF105065.D
 Acq: 3 May 2018 7:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	17.5	26.3

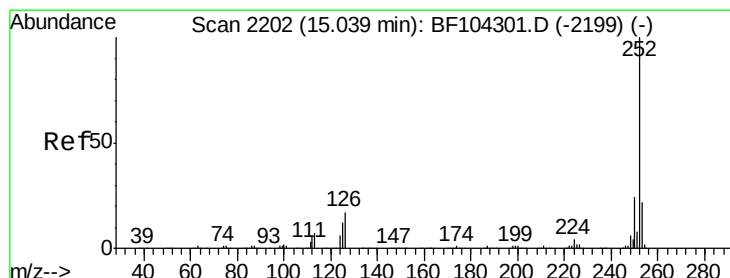
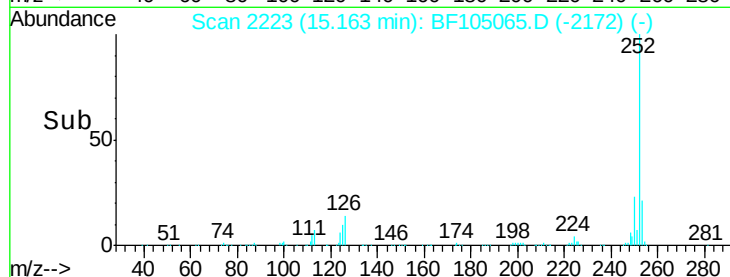
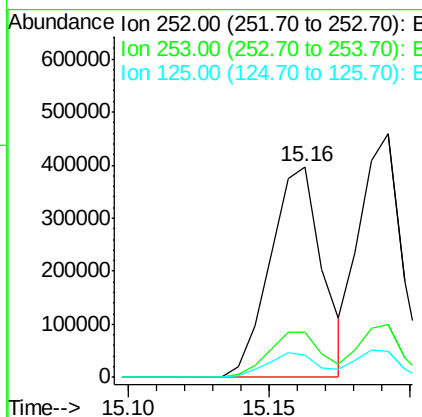
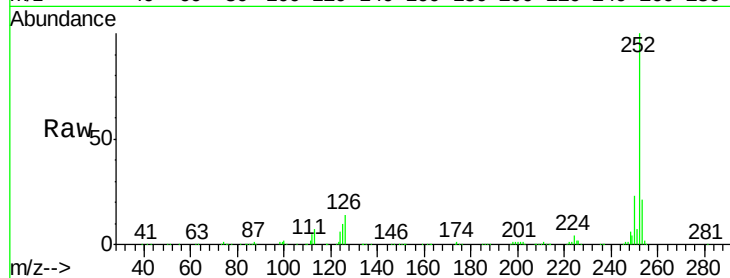




#87
Benzo(b)fluoranthene
Concen: 53.835 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

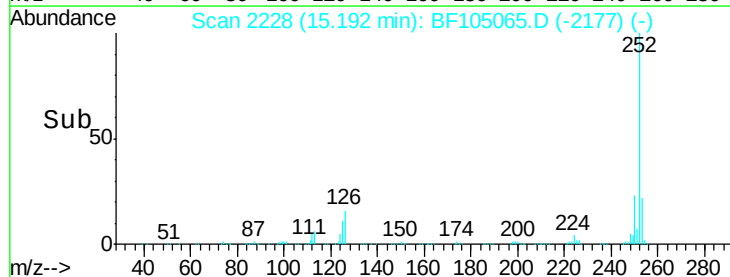
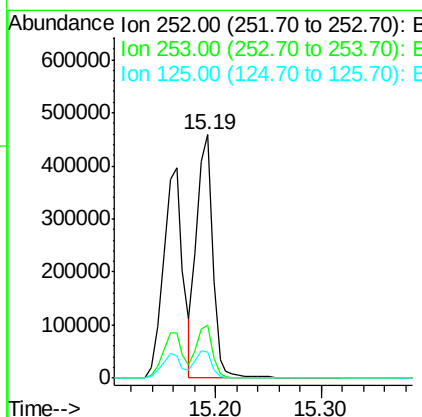
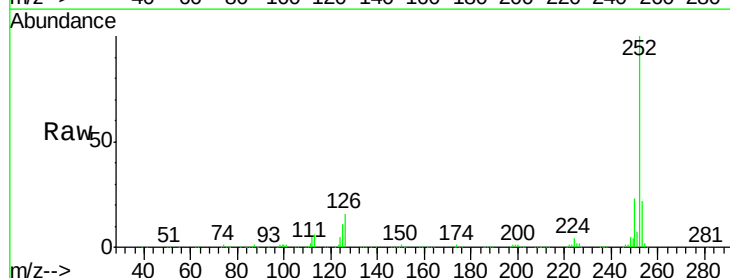
Instrument :
BNA_F
ClientSampleId :
PB108808BS

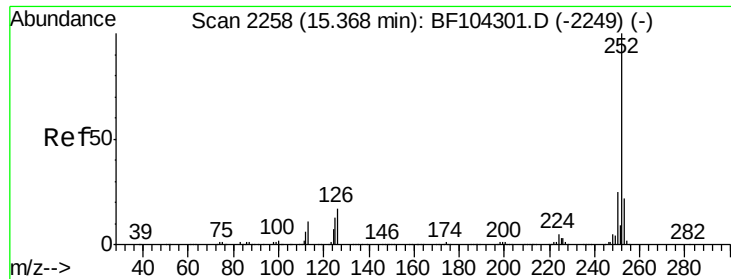
Tot Ion:252 Resp: 509332
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 53.636 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF105065.D
Acq: 3 May 2018 7:21

Tgt Ion:252 Resp: 479070
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 53.250 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

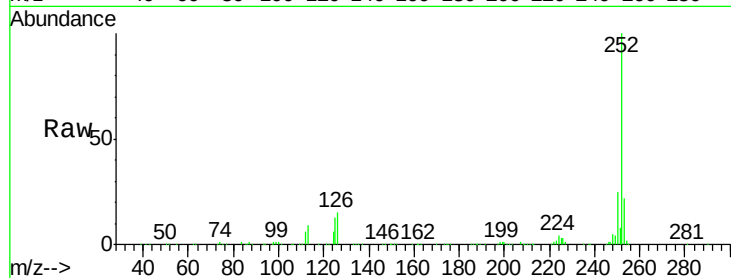
Tot Ion:252 Resp: 450770

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

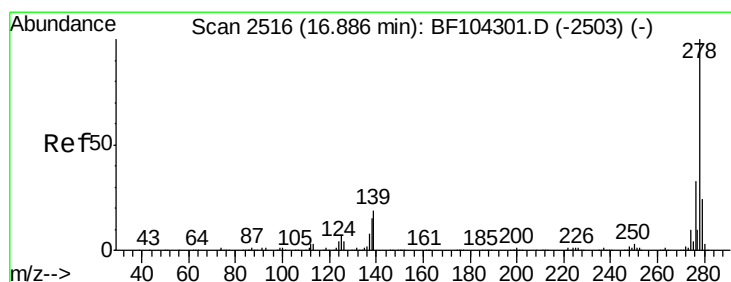
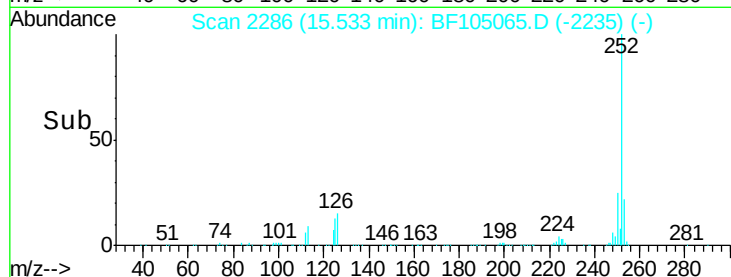
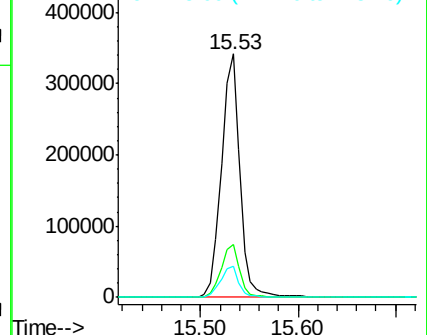
125 12.6 9.8 14.6



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: 52.022 ng

RT: 17.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

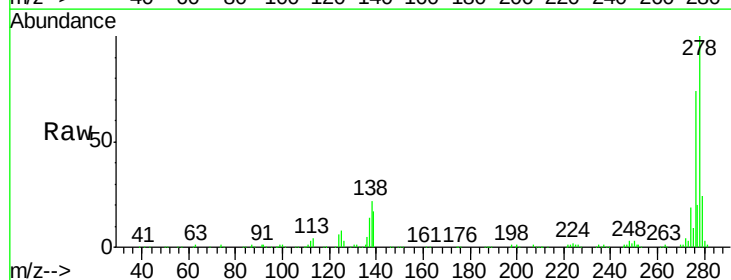
Tgt Ion:278 Resp: 361682

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

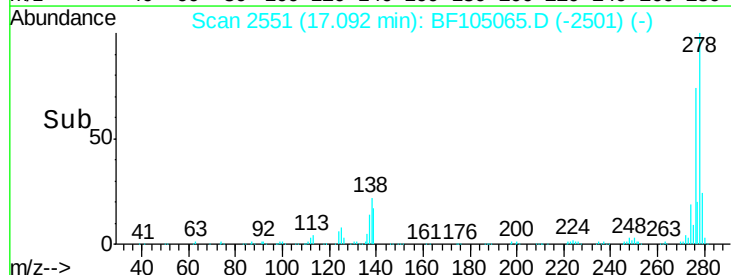
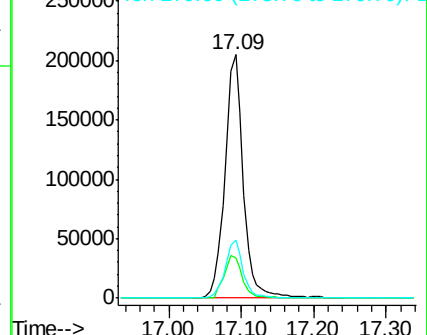
279 23.8 19.0 28.4

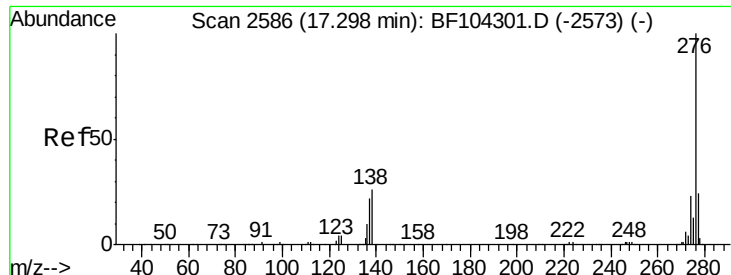


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.456 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.01 min

Lab File: BF105065.D

Acq: 3 May 2018 7:21

Instrument :

BNA_F

ClientSampleId :

PB108808BS

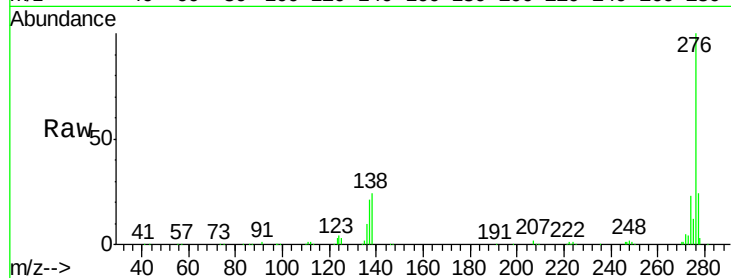
Tot Ion:276 Resp: 339860

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 23.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

