

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103531.D
 Acq On : 8 Mar 2018 21:48
 Operator : SJ/JU
 Sample : J1824-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Quant Time: Mar 08 23:54:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130576	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	524912	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	197941	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	298154	20.00	ng	0.00
75) Chrysene-d12	14.06	240	207794	20.00	ng	0.00
86) Perylene-d12	15.57	264	172172	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	978794	113.37	ng	0.01
7) Phenol-d6	6.51	99	1131482	107.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	706089	76.82	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	147446	88.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	942979	81.18	ng	0.00
78) Terphenyl-d14	12.99	244	685582	79.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	150547	33.015	ng	97
3) Pyridine	3.50	79	324432	26.650	ng	97
4) n-Nitrosodimethylamine	3.42	42	180076	36.678	ng	88
6) Aniline	6.53	93	382876	25.112	ng	# 68
8) 2-Chlorophenol	6.66	128	328173	36.591	ng	93
9) Benzaldehyde	6.42	77	203955	29.431	ng	95
10) Phenol	6.52	94	432093	35.232	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	347497	37.332	ng	94
12) 1,3-Dichlorobenzene	6.80	146	346624	33.819	ng	96
13) 1,4-Dichlorobenzene	6.88	146	373478	36.345	ng	99
14) 1,2-Dichlorobenzene	7.03	146	317677	33.527	ng	100
15) Benzyl Alcohol	7.02	79	257254	32.315	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	530064	33.162	ng	58
17) 2-Methylphenol	7.13	107	274087	33.628	ng	# 87
18) Hexachloroethane	7.37	117	92327	24.681	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	241241	36.691	ng	93
20) 3+4-Methylphenols	7.29	107	362137	36.449	ng	# 69
22) Acetophenone	7.28	105	465836	38.020	ng	# 90
24) Nitrobenzene	7.46	77	370411	36.603	ng	98
25) Isophorone	7.69	82	659383	36.424	ng	96
26) 2-Nitrophenol	7.77	139	137512	28.865	ng	91
27) 2,4-Dimethylphenol	7.80	122	282510	38.796	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	417702	39.245	ng	98
29) 2,4-Dichlorophenol	8.02	162	257178	36.888	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	247961	33.399	ng	97
31) Naphthalene	8.17	128	889656	34.619	ng	100
32) Benzoic acid	7.93	122	84501	20.302	ng	98
33) 4-Chloroaniline	8.23	127	224742	20.266	ng	97
34) Hexachlorobutadiene	8.27	225	124511	32.206	ng	96
35) Caprolactam	8.60	113	81618	33.309	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	280824	35.711	ng	94
37) 2-Methylnaphthalene	8.86	142	555033	33.419	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	201364	37.212	ng	98
40) Hexachlorocyclopentadiene	9.00	237	376	9.057	ng	91

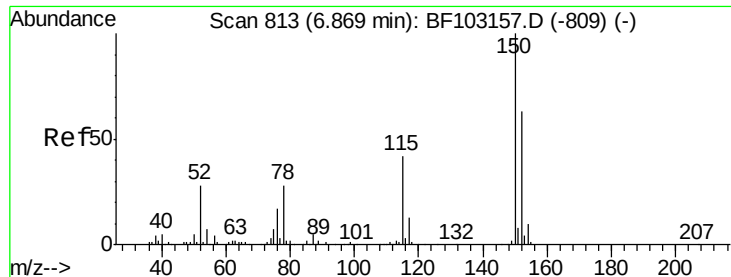
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103531.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	136229	37.414	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	137995	32.951	nq	97
45) 1,1'-Biphenyl	9.33	154	621582	37.475	nq	98
46) 2-Chloronaphthalene	9.36	162	489474	37.301	nq	99
47) 2-Nitroaniline	9.46	65	206457	42.475	nq	86
48) Acenaphthylene	9.77	152	703190	34.829	nq	100
49) Dimethylphthalate	9.62	163	631885	39.793	nq	100
50) 2,6-Dinitrotoluene	9.70	165	100335	30.110	nq	# 76
51) Acenaphthene	9.94	154	405591	34.451	nq	99
52) 3-Nitroaniline	9.87	138	143126	33.854	nq	95
53) 2,4-Dinitrophenol	10.03	184	1279	10.556	nq	# 54
54) Dibenzofuran	10.12	168	593813	36.743	nq	95
55) 4-Nitrophenol	10.06	139	105733	40.352	nq	90
56) 2,4-Dinitrotoluene	10.12	165	116712	27.693	nq	# 63
57) Fluorene	10.46	166	477702	34.699	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	95567	33.970	nq	97
59) Diethylphthalate	10.32	149	558302	36.762	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	215430	36.900	nq	98
61) 4-Nitroaniline	10.50	138	147951	35.037	nq	98
62) Azobenzene	10.61	77	583206	37.727	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	2617	6.239	nq	# 52
65) n-Nitrosodiphenylamine	10.57	169	418416	40.305	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	112191	36.122	nq	95
67) Hexachlorobenzene	11.02	284	112951	33.506	nq	93
68) Atrazine	11.09	200	107058	34.310	nq	97
69) Pentachlorophenol	11.22	266	80503	49.389	nq	96
70) Phenanthrene	11.43	178	573160	34.931	nq	99
71) Anthracene	11.48	178	602333	35.798	nq	99
72) Carbazole	11.64	167	598501	35.720	nq	100
73) Di-n-butylphthalate	11.95	149	776203	37.022	nq	98
74) Fluoranthene	12.62	202	590431	35.809	nq	99
76) Benzidine	12.75	184	508755	65.490	nq	98
77) Pyrene	12.86	202	591143	36.488	nq	99
79) Butylbenzylphthalate	13.45	149	312630	36.524	nq	92
80) Benzo(a)anthracene	14.05	228	464715	34.468	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	181268	37.673	nq	99
82) Chrysene	14.09	228	473105	36.139	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	401864	34.791	nq	# 98
84) Di-n-octyl phthalate	14.63	149	719783	38.568	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	341717	32.972	nq	97
87) Benzo(b)fluoranthene	15.12	252	398121	35.169	nq	97
88) Benzo(k)fluoranthene	15.15	252	369823	34.693	nq	99
89) Benzo(a)pyrene	15.50	252	363677	35.976	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	288896	36.984	nq	98
91) Benzo(g,h,i)perylene	17.59	276	283137	37.088	nq	97

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

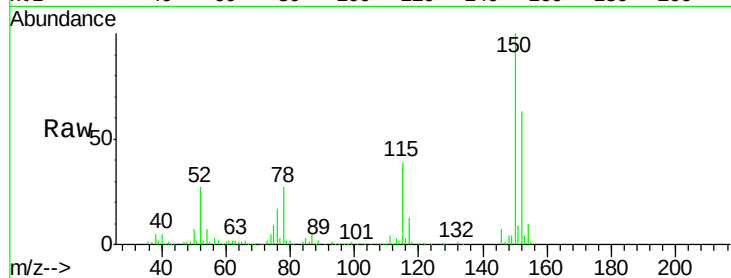


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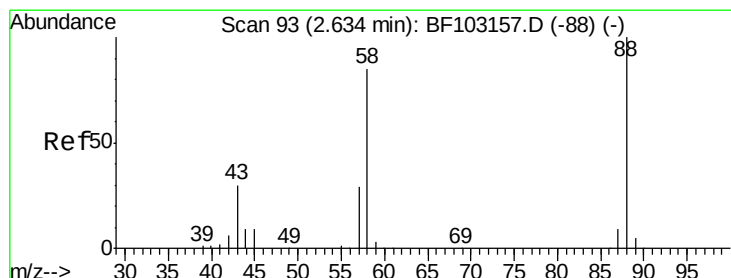
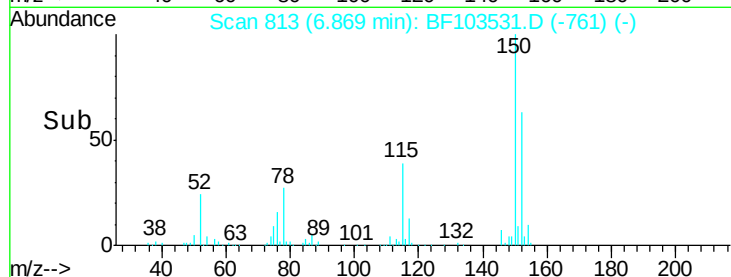
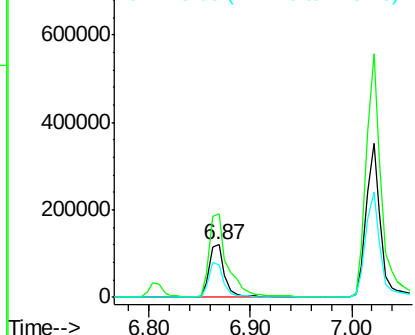
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:152 Resp: 130576
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.0 50.1 75.1



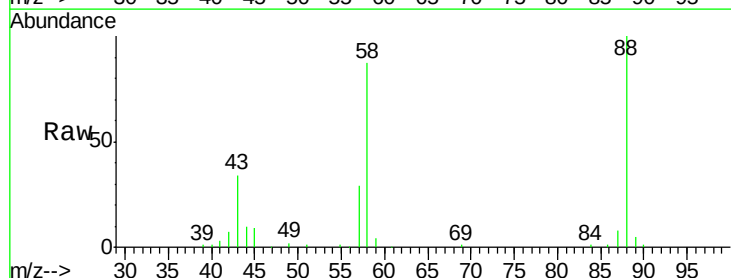
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



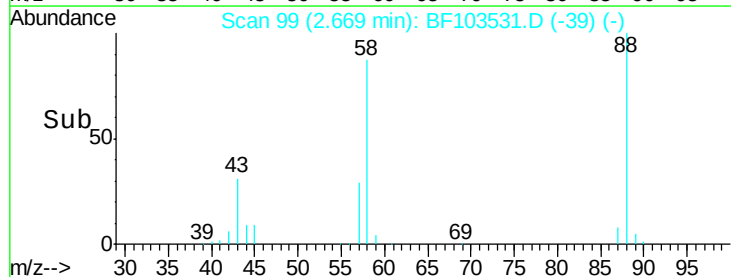
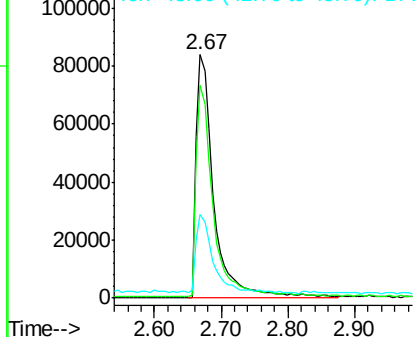
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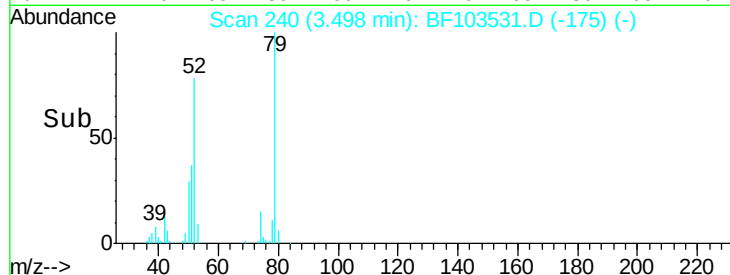
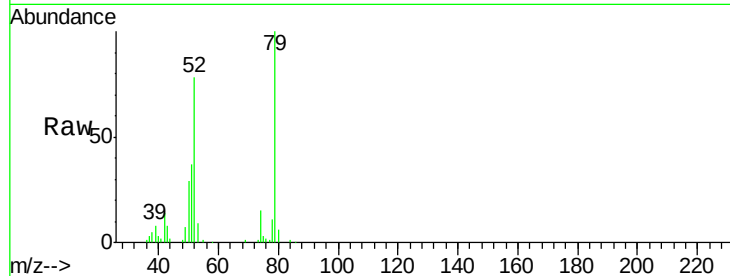
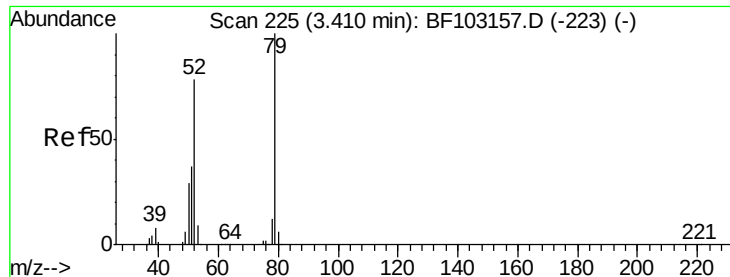
1,4-Dioxane
Concen: 33.015 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.05 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion: 88 Resp: 150547
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 30.8 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

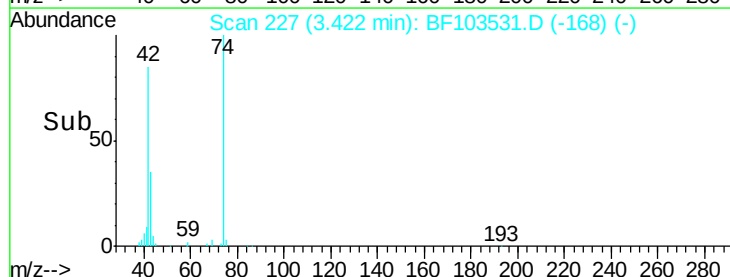
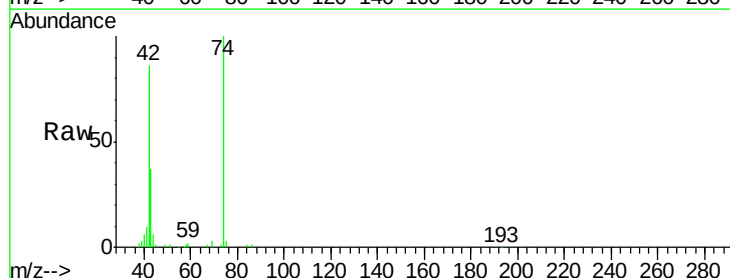
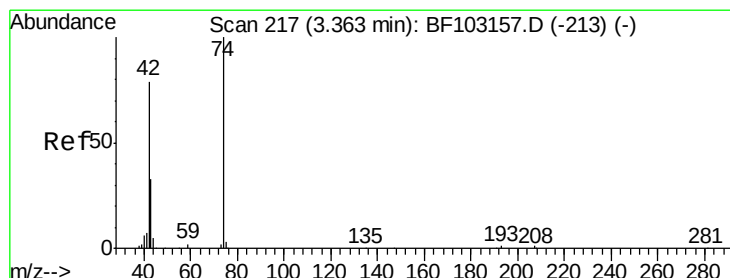
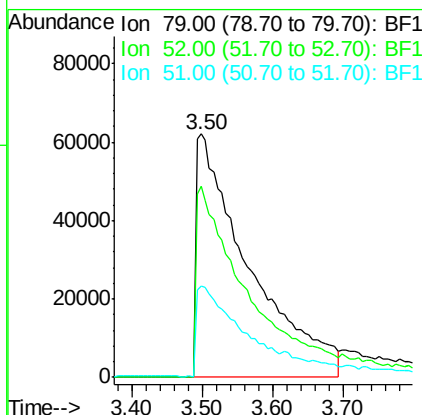




#3
 Pvridine
 Concen: 26.650 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.08 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

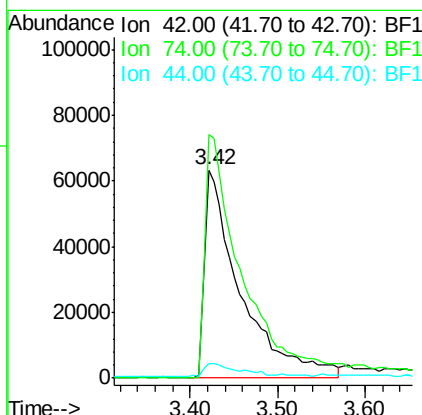
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

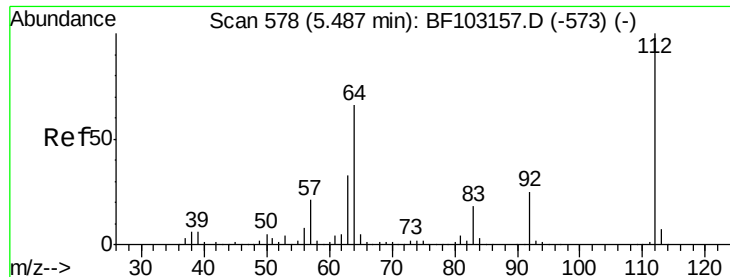
Tot Ion: 79 Resp: 324432
 Ion Ratio Lower Upper
 79 100
 52 78.4 59.8 89.6
 51 37.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.678 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.05 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion: 42 Resp: 180076
 Ion Ratio Lower Upper
 42 100
 74 116.9 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 113.371 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

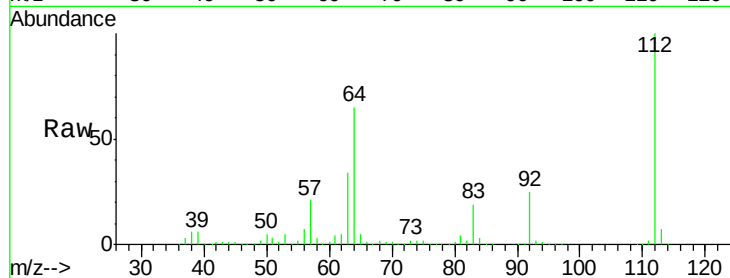
Tot Ion:112 Resp: 978794

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

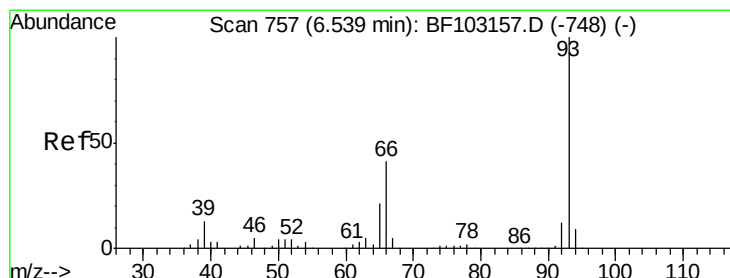
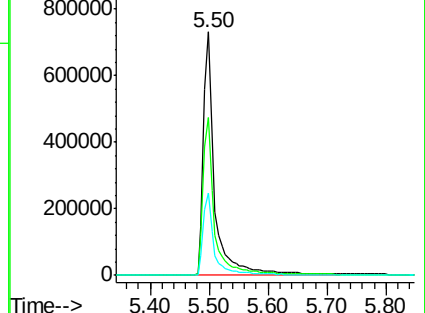
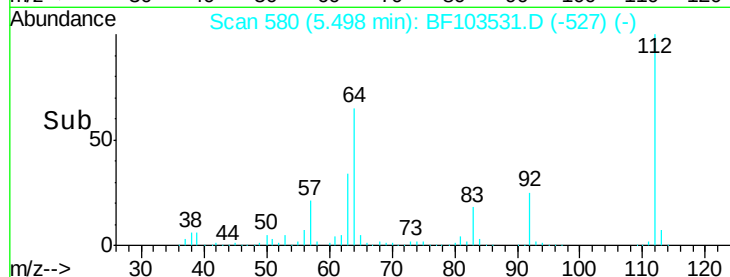
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.112 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

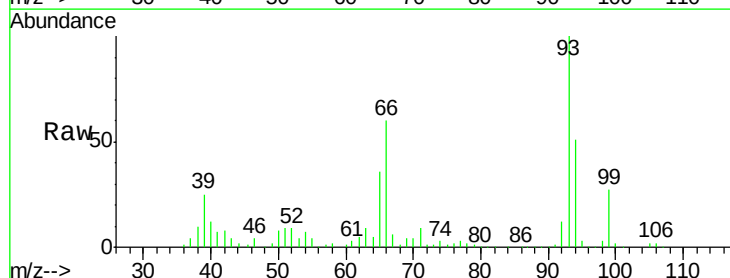
Tgt Ion: 93 Resp: 382876

Ion Ratio Lower Upper

93 100

66 59.9 32.2 48.2#

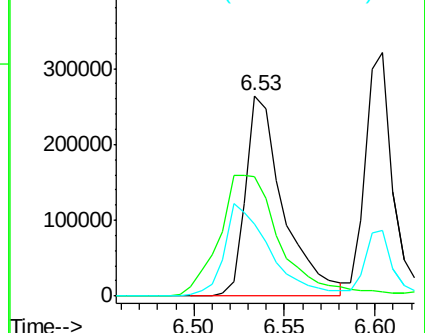
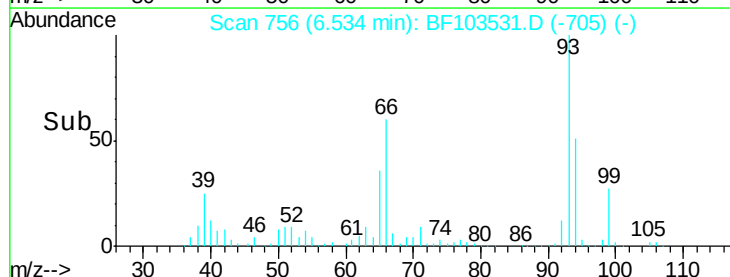
65 35.9 16.4 24.6#

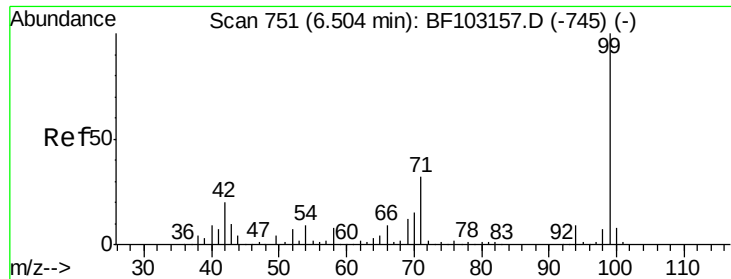


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.103 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

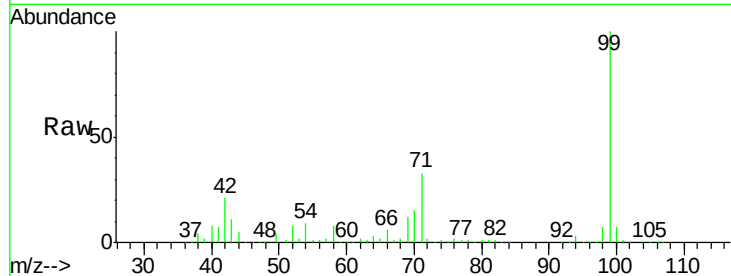
Tot Ion: 99 Resp: 1131482

Ion Ratio Lower Upper

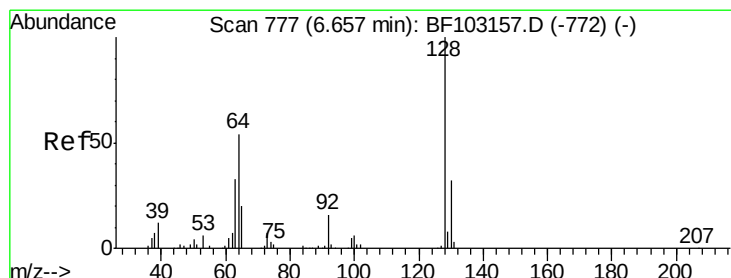
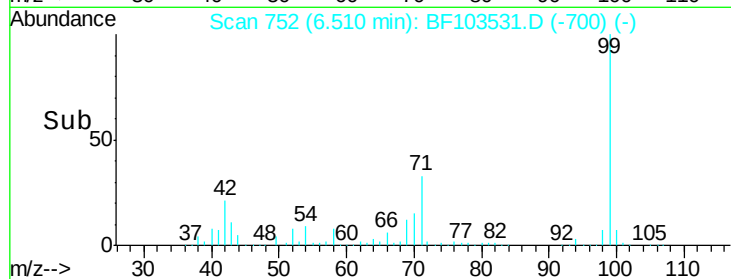
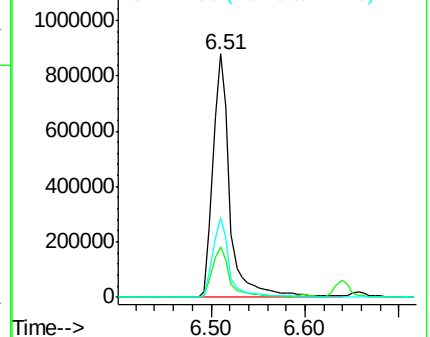
99 100

42 20.9 14.5 21.7

71 32.6 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: 36.591 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

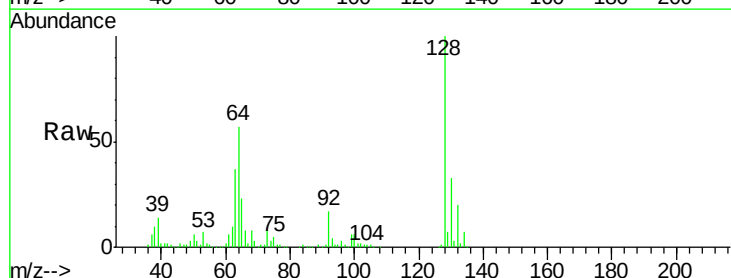
Tgt Ion: 128 Resp: 328173

Ion Ratio Lower Upper

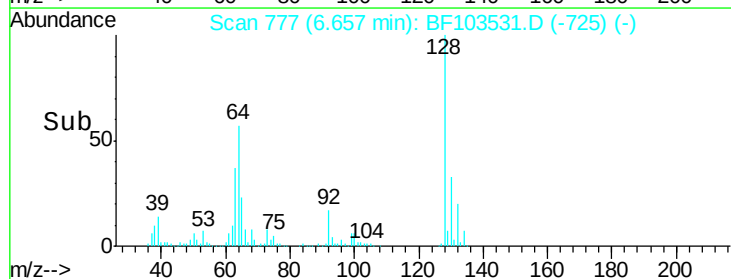
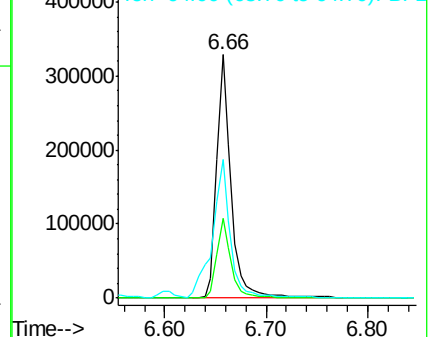
128 100

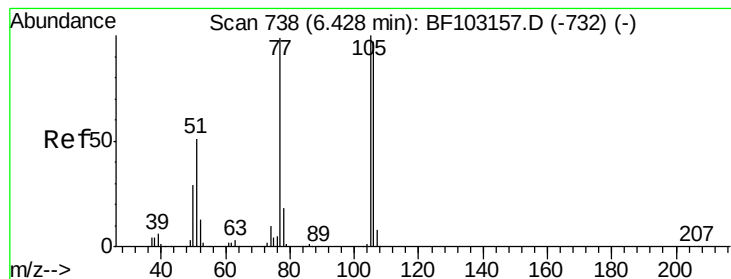
130 32.7 13.0 53.0

64 57.2 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: 29.431 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

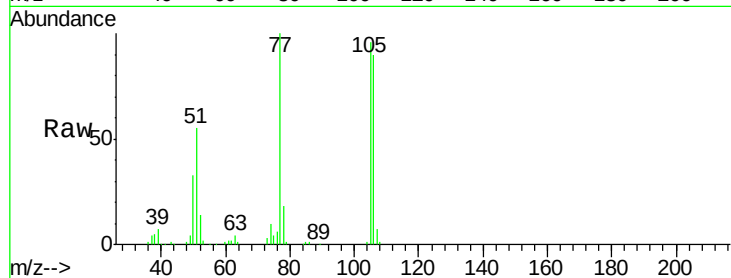
Tot Ion: 77 Resp: 203955

Ion Ratio Lower Upper

77 100

105 95.9 81.1 121.1

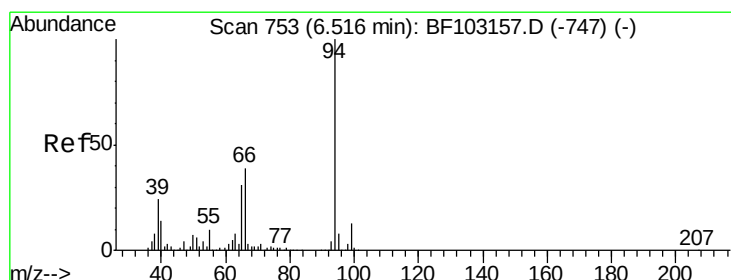
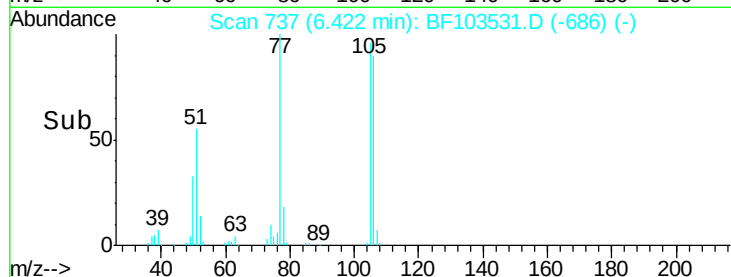
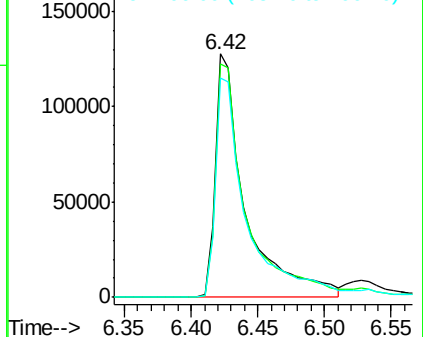
106 89.9 74.5 114.5



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: 35.232 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

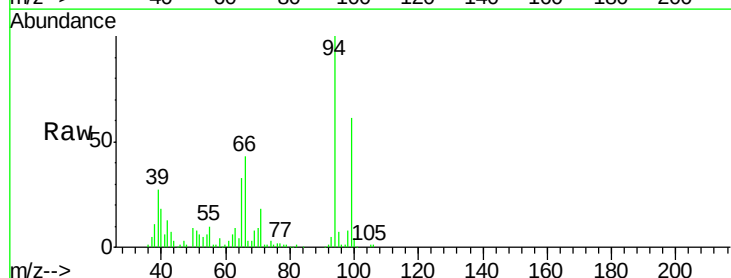
Tgt Ion: 94 Resp: 432093

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

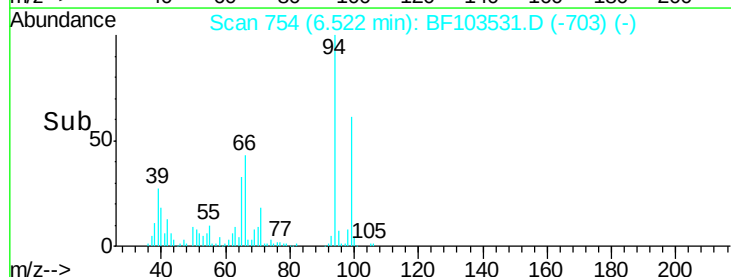
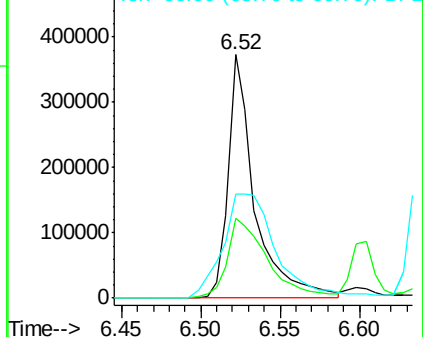
66 42.8 16.2 56.2

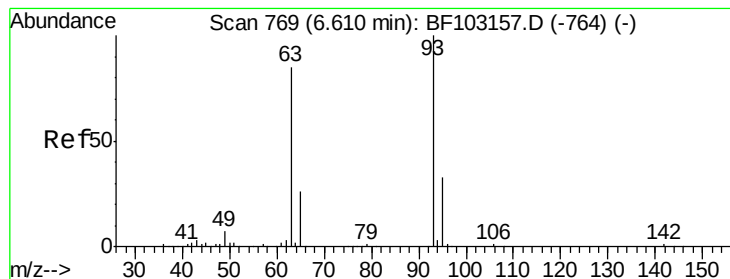


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.332 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

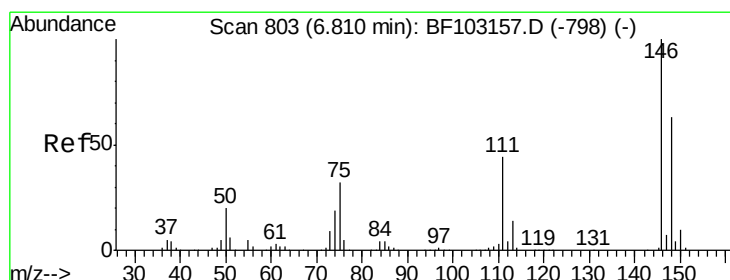
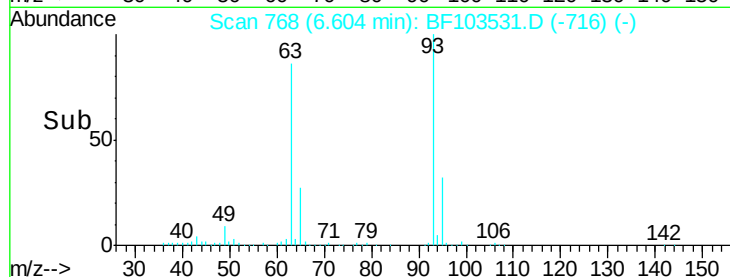
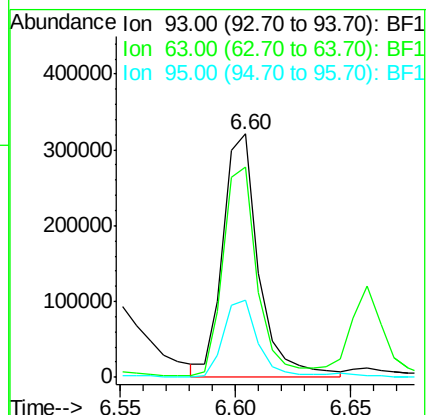
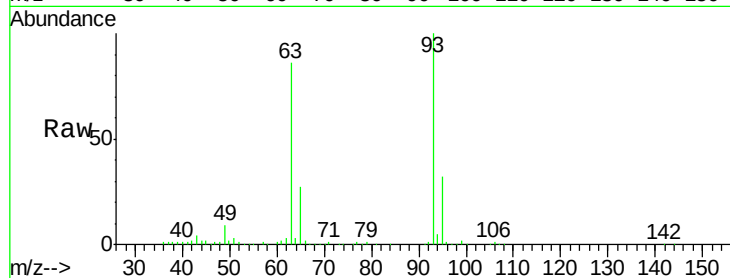
Tot Ion: 93 Resp: 347497

Ion Ratio Lower Upper

93 100

63 86.3 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.819 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

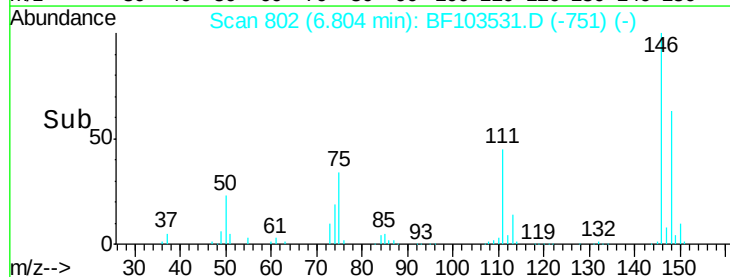
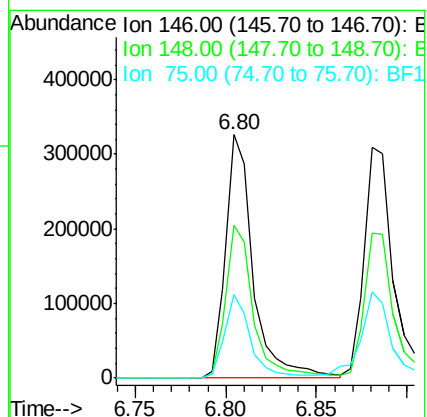
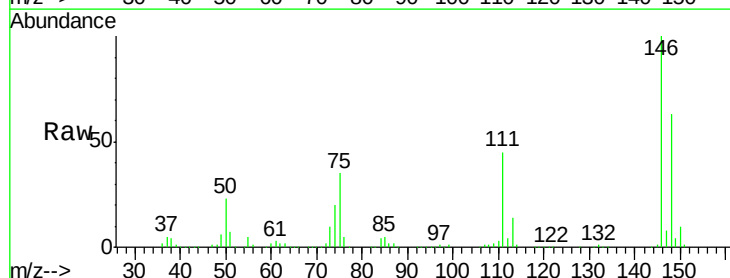
Tgt Ion: 146 Resp: 346624

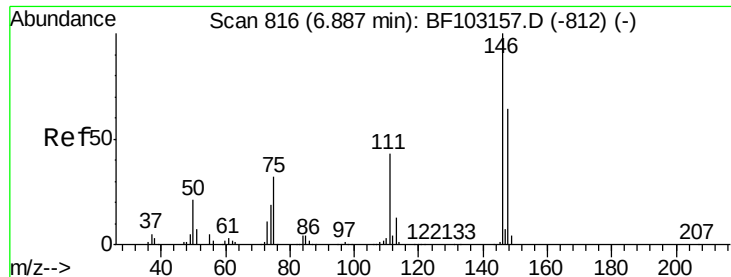
Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

75 34.6 24.2 36.4

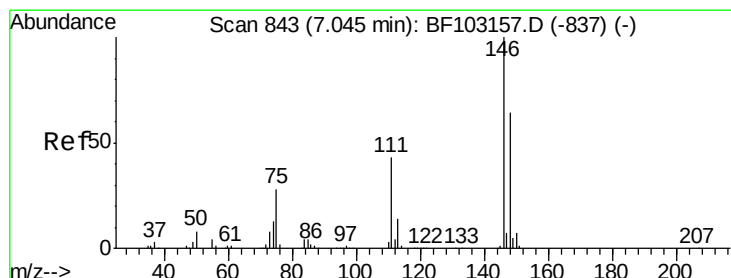
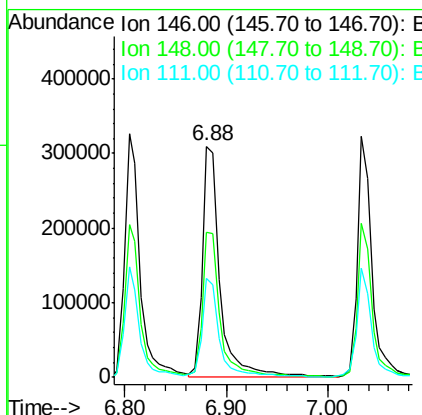
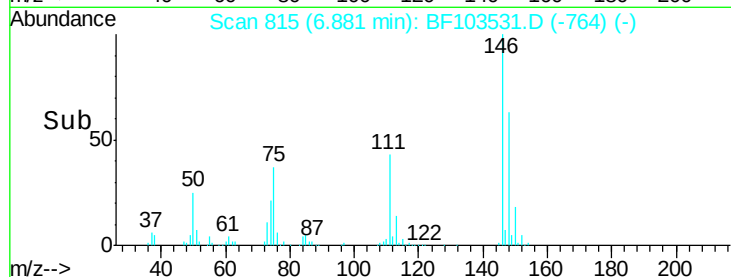
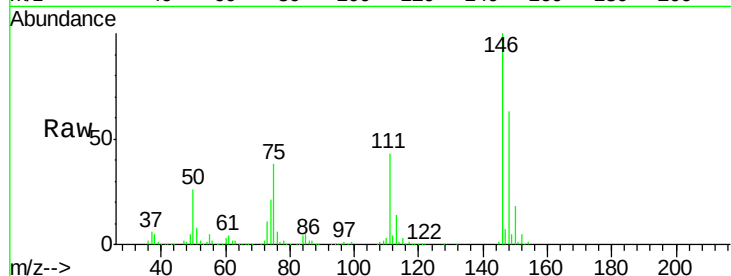




#13
 1,4-Dichlorobenzene
 Concen: 36.345 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

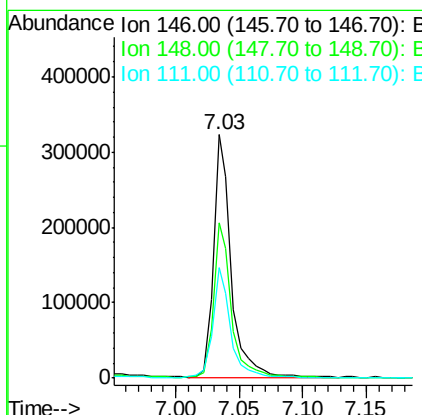
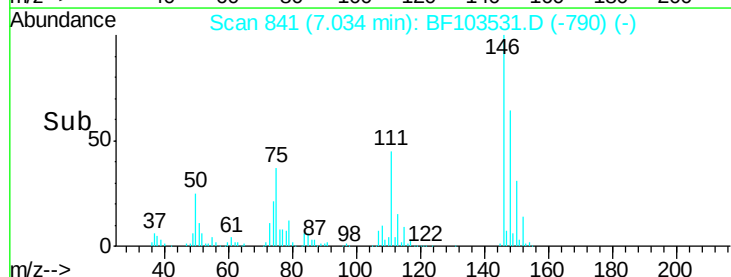
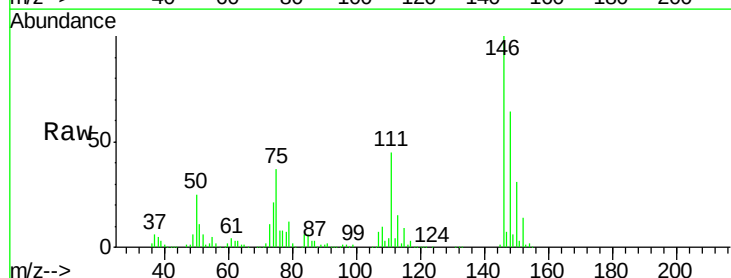
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

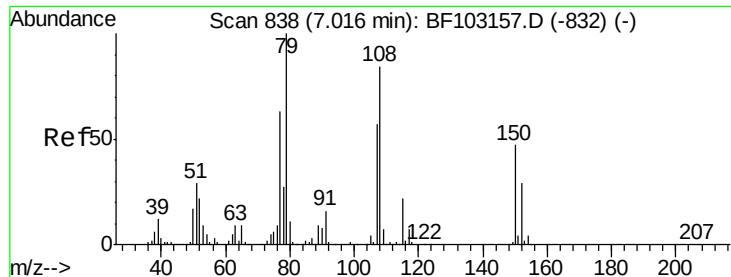
Tot Ion:146 Resp: 373478
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 43.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.527 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:146 Resp: 317677
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 45.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.315 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

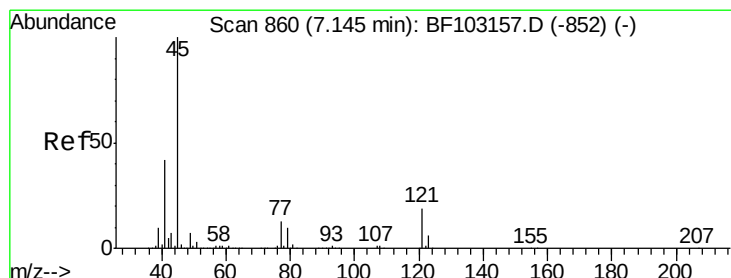
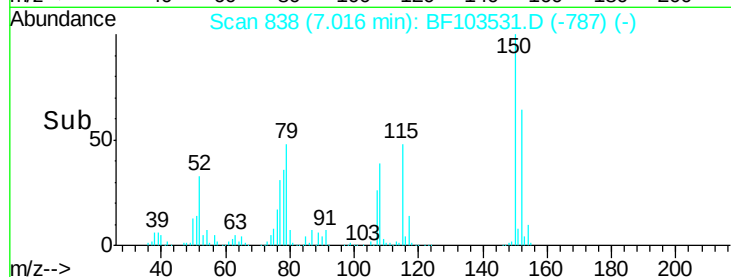
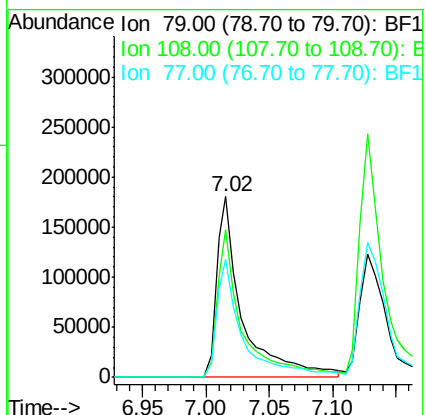
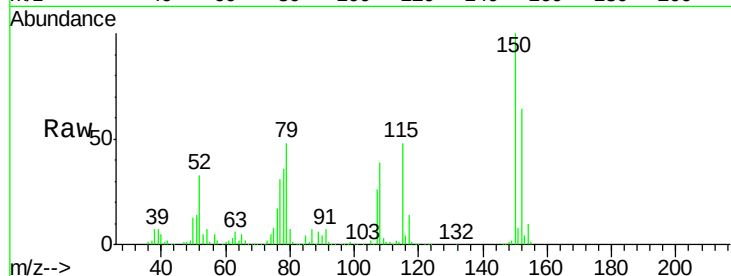
Tot Ion: 79 Resp: 257254

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 65.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.162 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

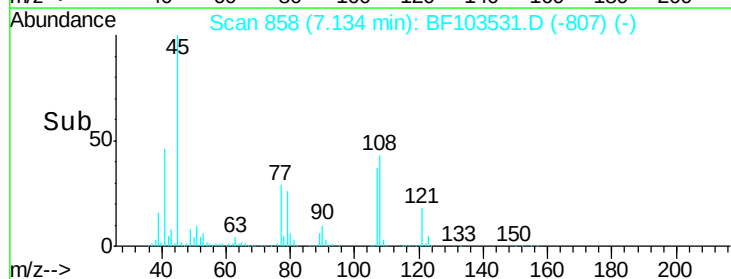
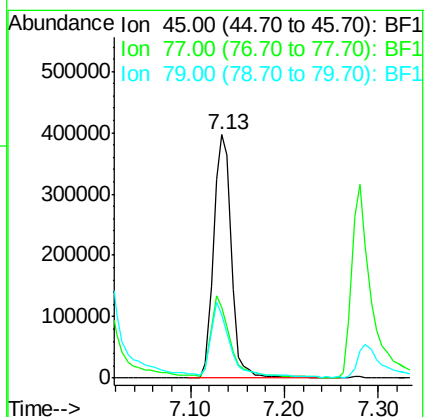
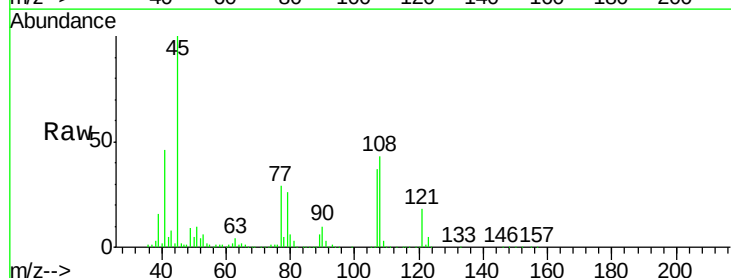
Tgt Ion: 45 Resp: 530064

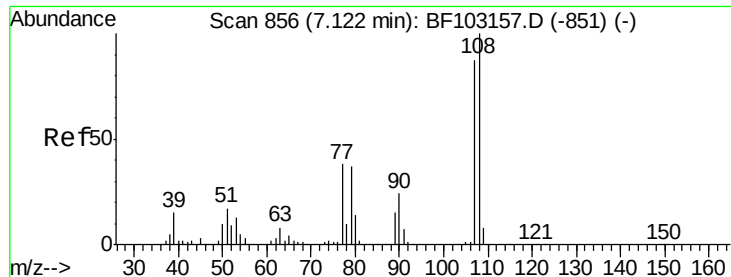
Ion Ratio Lower Upper

45 100

77 29.0 0.0 32.9

79 25.7 0.0 29.6

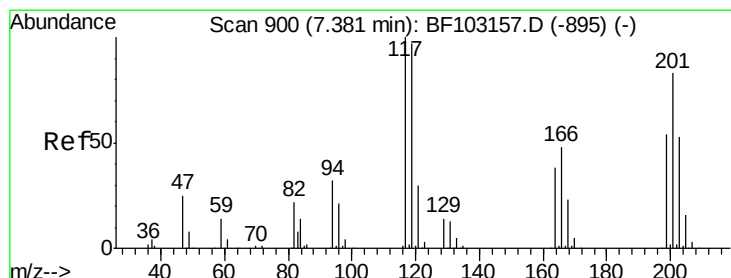
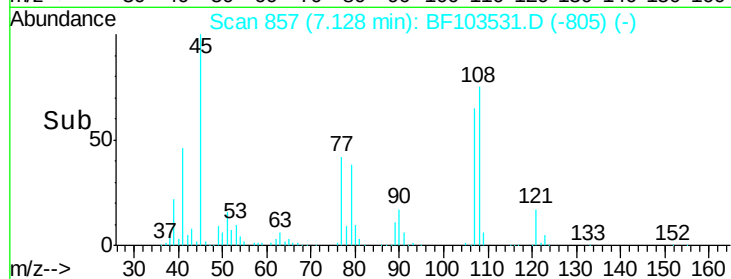
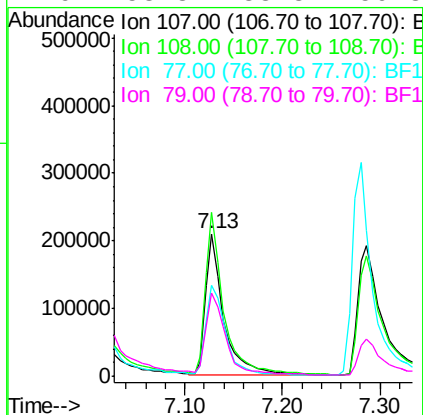
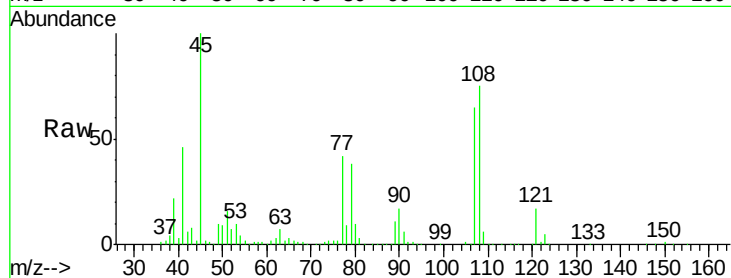




#17
2-Methylphenol
Concen: 33.628 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

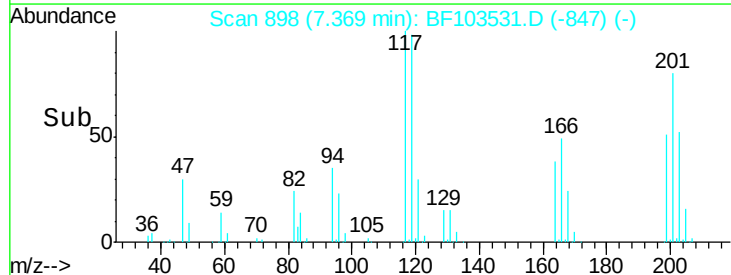
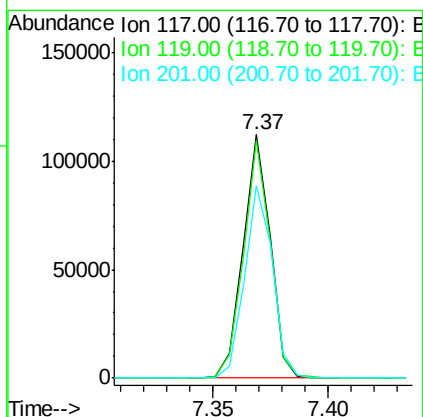
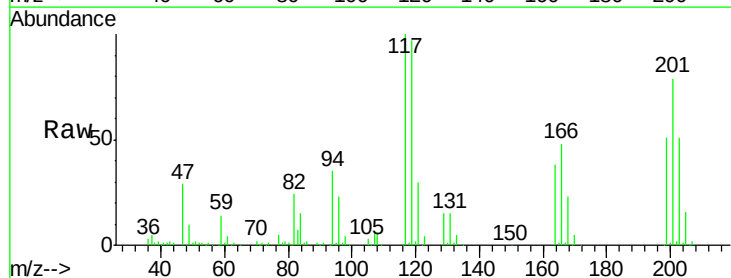
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

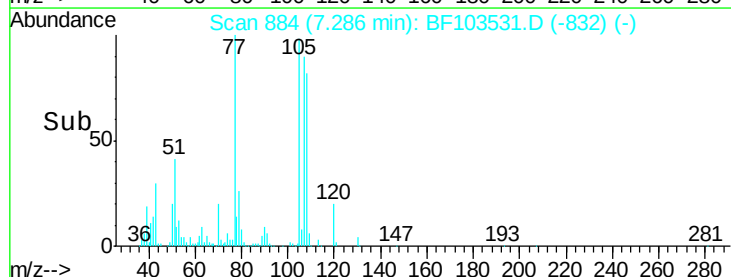
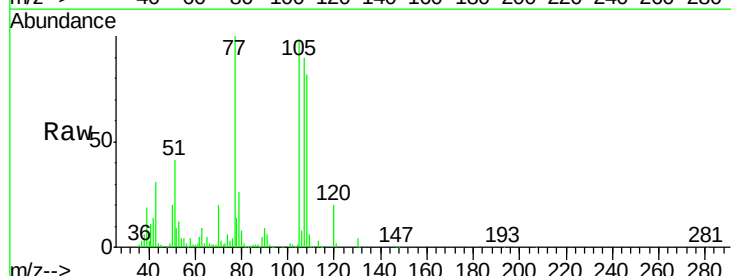
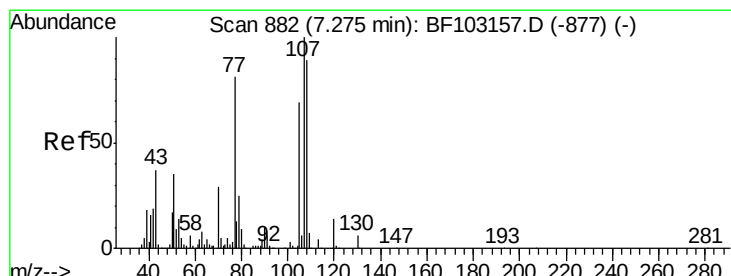
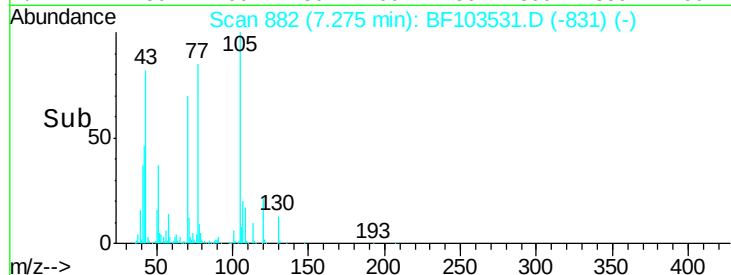
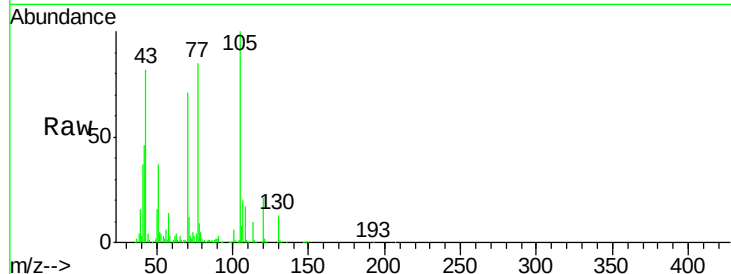
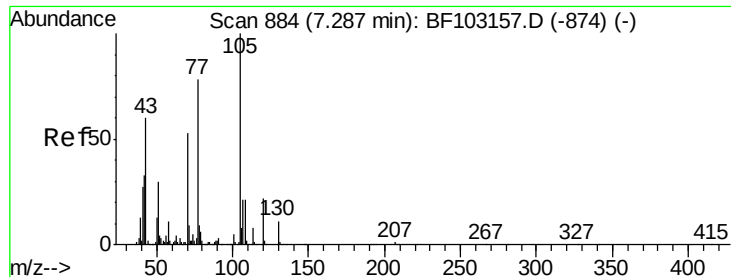
Tot Ion:107 Resp: 274087
Ion Ratio Lower Upper
107 100
108 115.7 91.7 137.5
77 64.1 33.8 50.8#
79 58.8 33.8 50.8#



#18
Hexachloroethane
Concen: 24.681 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:117 Resp: 92327
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 79.2 75.7 113.5

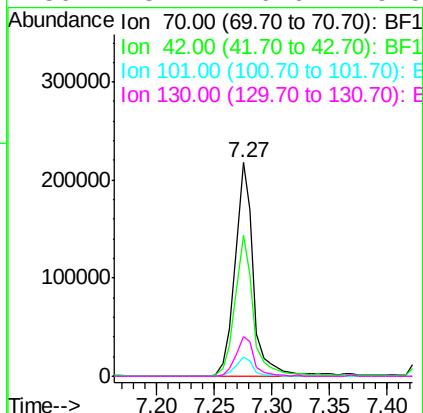




#19
n-Nitroso-di-n-propylamine
Concen: 36.691 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

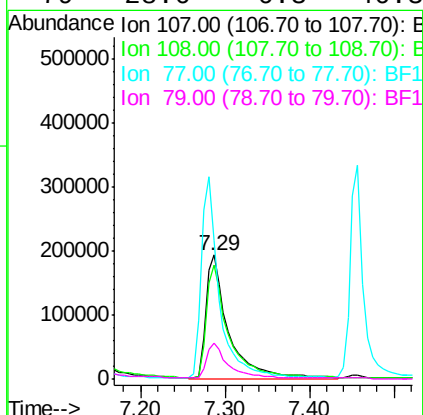
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

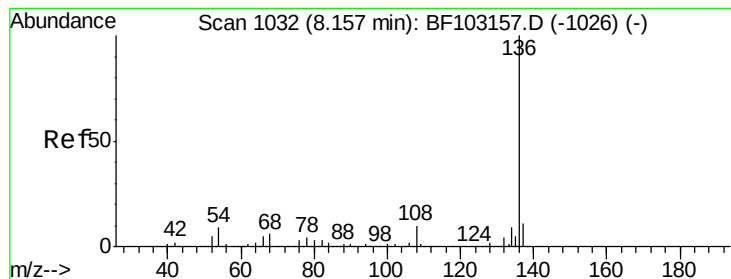
Tot Ion: 70 Resp: 241241
Ion Ratio Lower Upper
70 100
42 65.6 47.5 71.3
101 9.2 7.4 11.2
130 18.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.449 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:107 Resp: 362137
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 111.4 26.7 66.7#
79 28.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:136 Resp: 524912

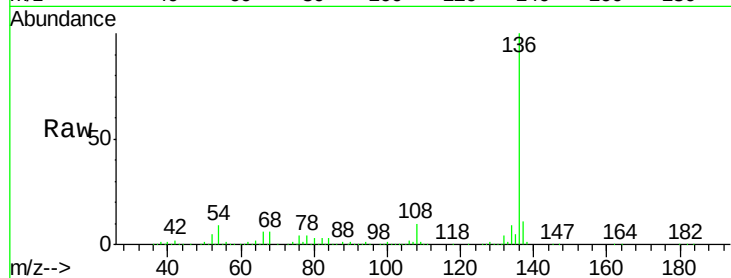
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.0 5.0 7.4

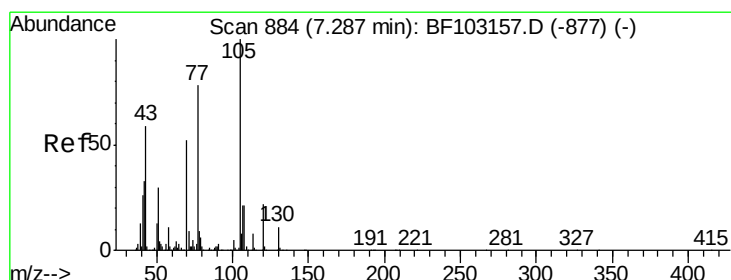
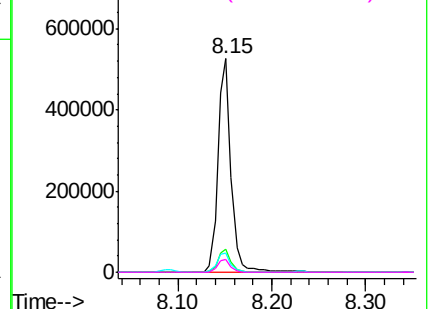
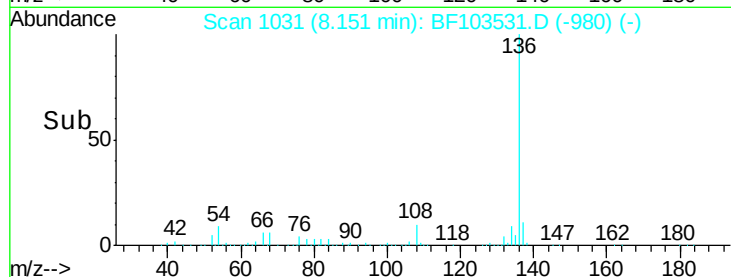


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.020 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Tgt Ion:105 Resp: 465836

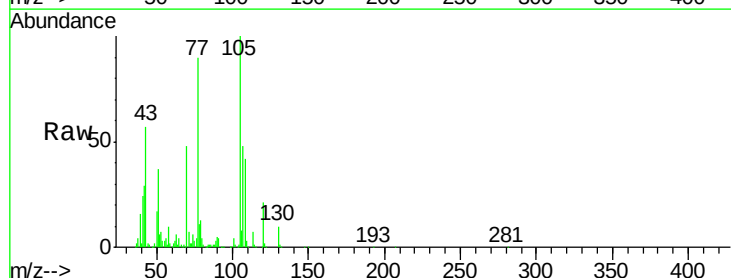
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 37.4 22.3 33.5#

120 21.2 16.9 25.3

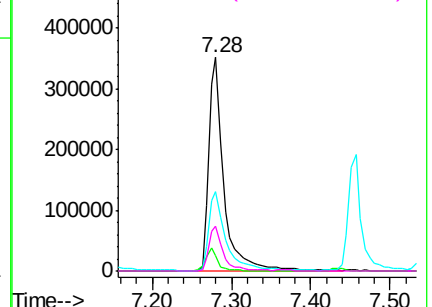
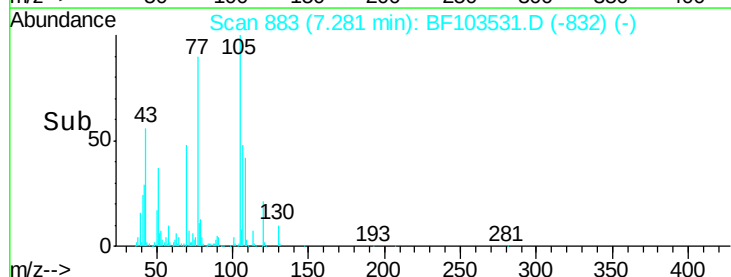


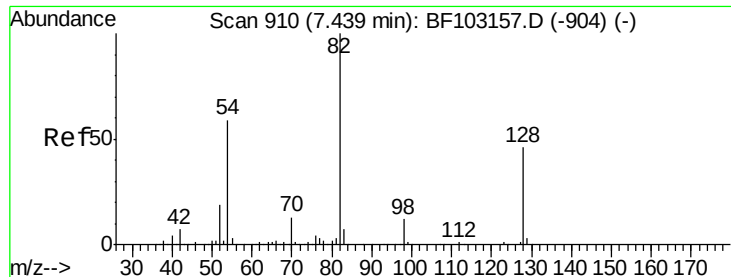
Abundance Ion 105.00 (104.70 to 105.70): E

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

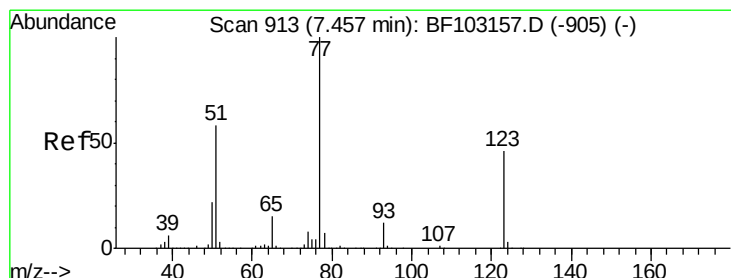
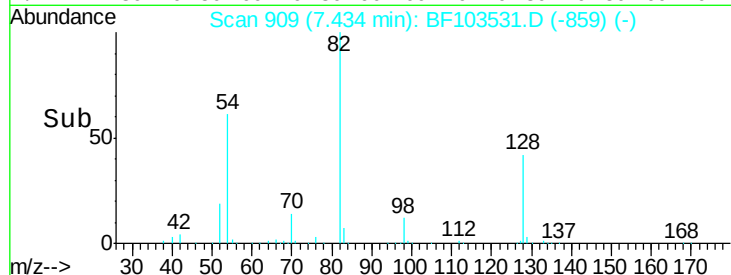
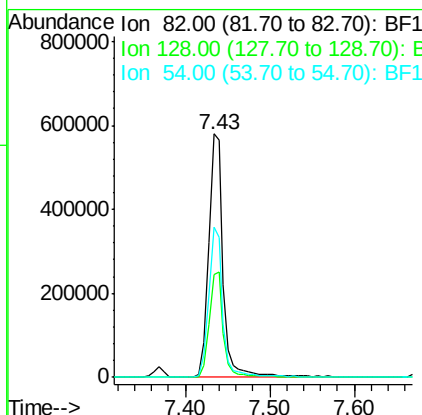
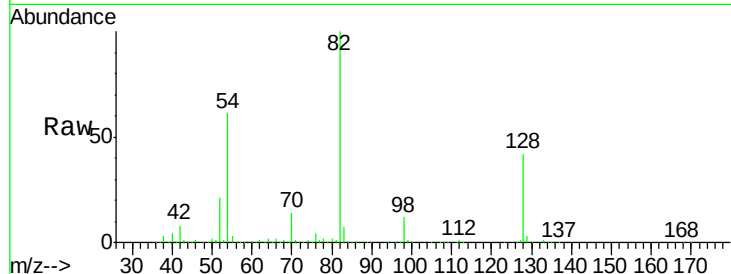




#23
 Nitrobenzene-d5
 Concen: 76.820 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

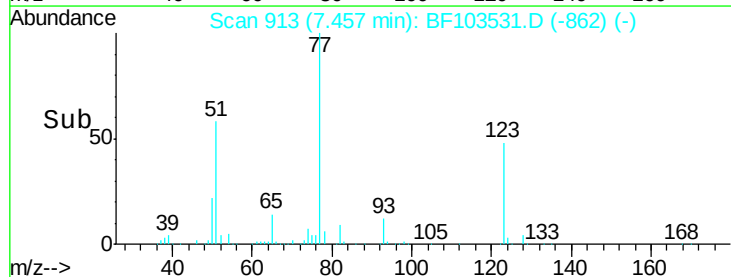
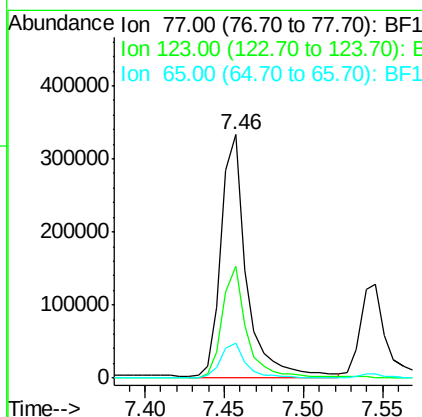
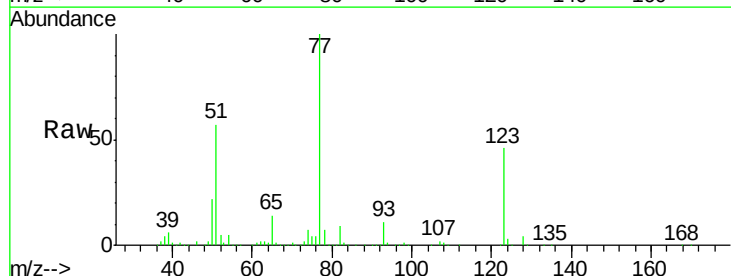
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

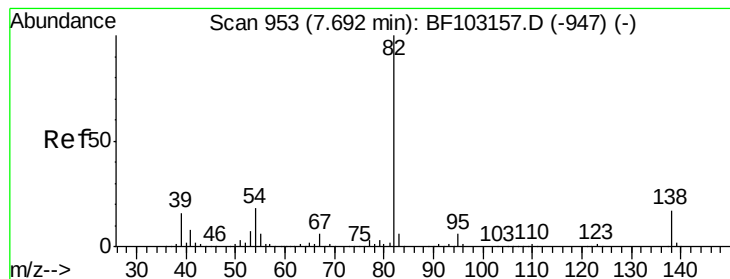
Tot Ion: 82 Resp: 706089
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 61.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 36.603 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion: 77 Resp: 370411
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 36.424 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

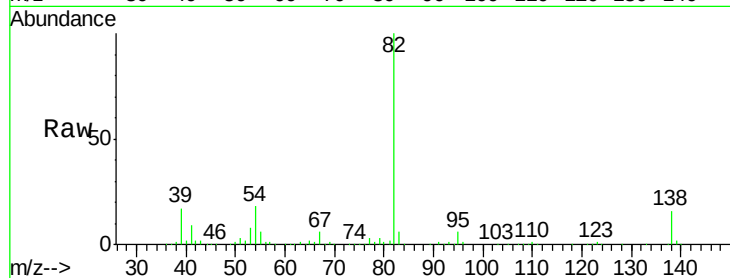
Tot Ion: 82 Resp: 659383

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

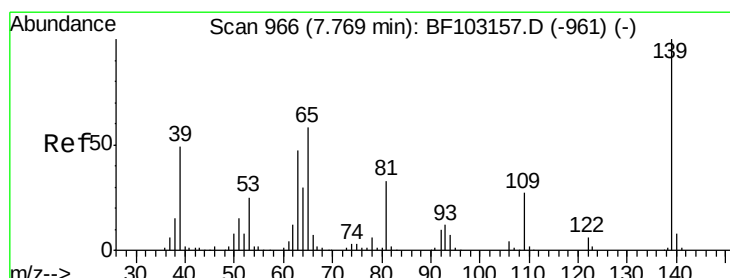
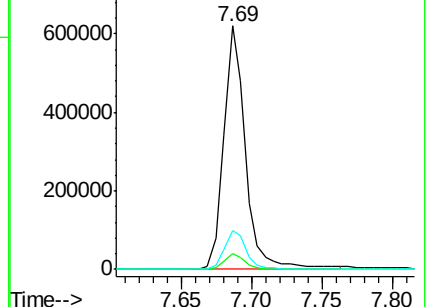
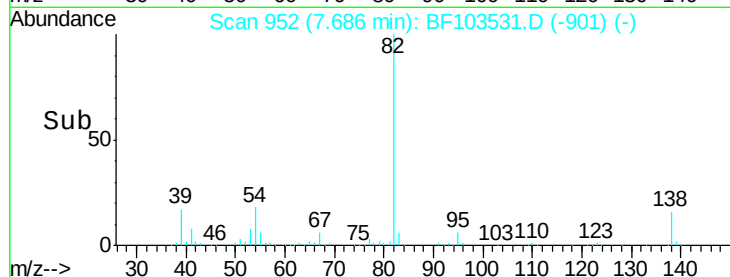
138 16.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.865 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

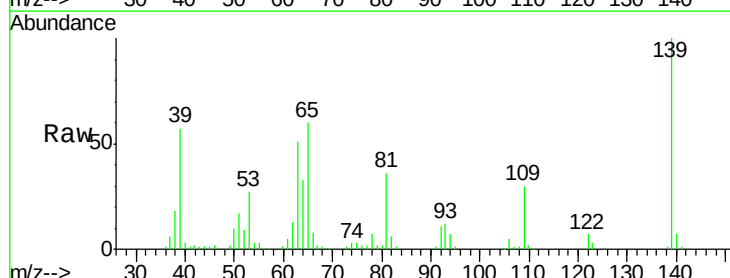
Tgt Ion: 139 Resp: 137512

Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

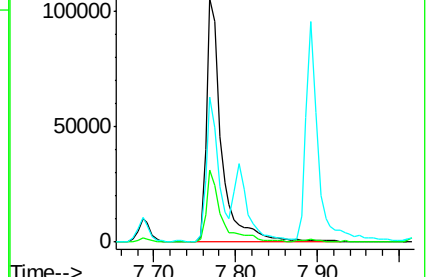
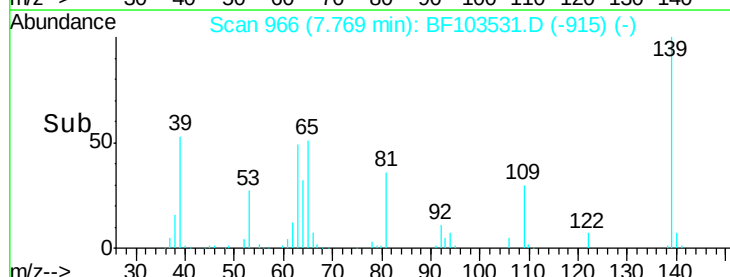
65 59.5 40.5 60.7

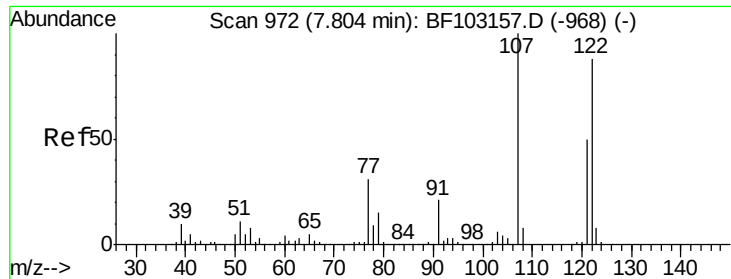


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

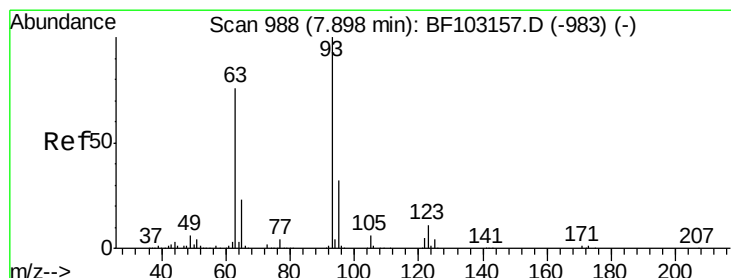
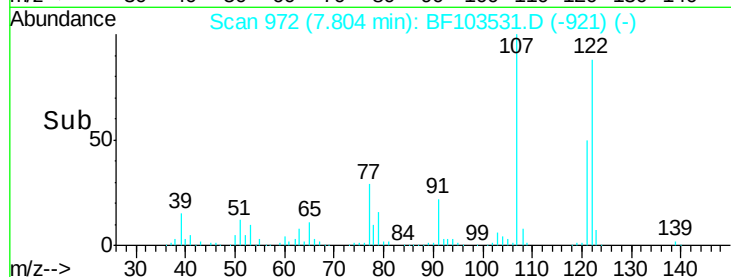
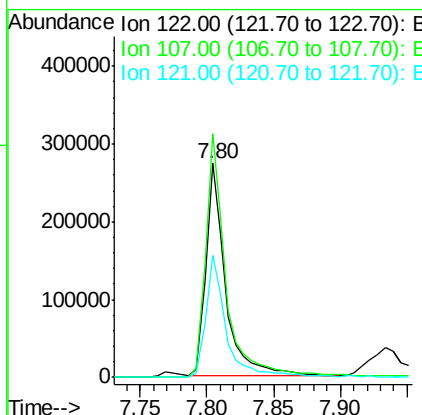
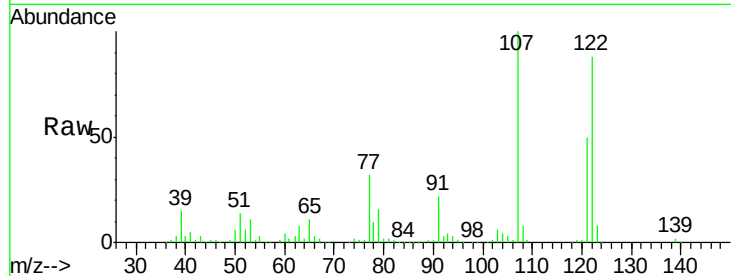




#27
 2,4-Dimethylphenol
 Concen: 38.796 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

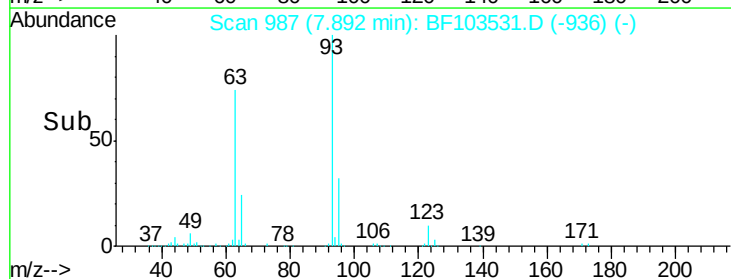
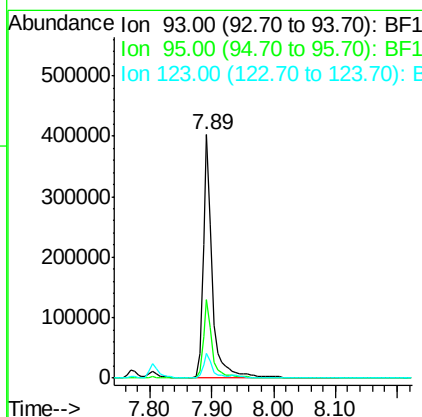
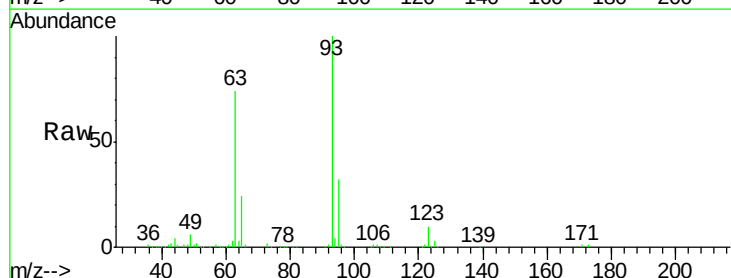
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

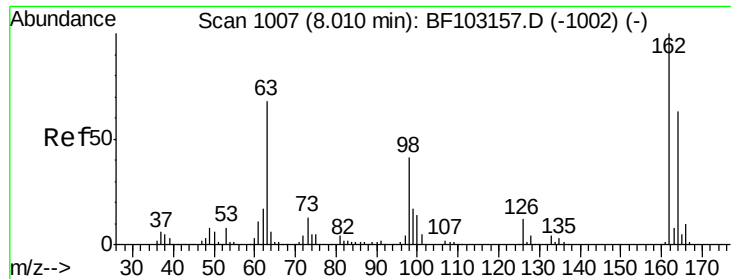
Tot Ion:122 Resp: 282510
 Ion Ratio Lower Upper
 122 100
 107 113.8 91.2 136.8
 121 56.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.245 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion: 93 Resp: 417702
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.3 9.8 14.6

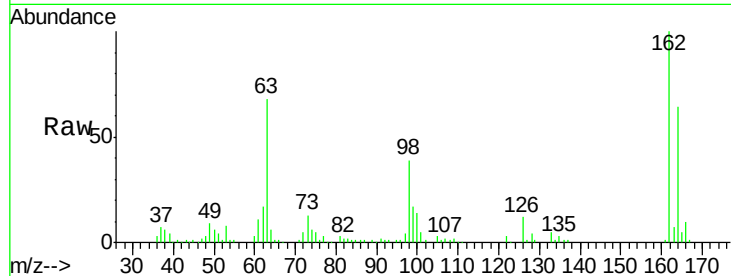




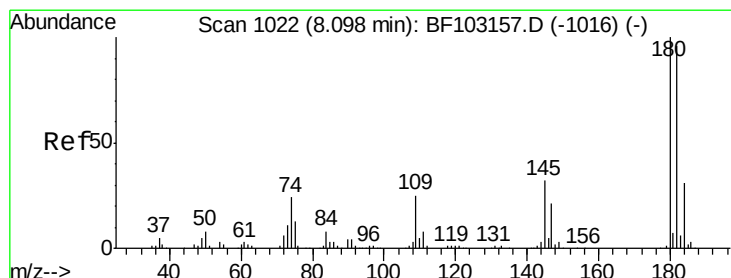
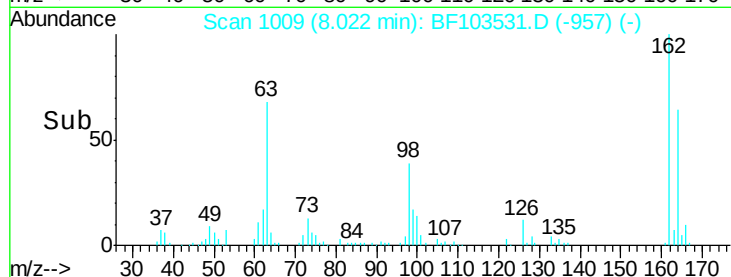
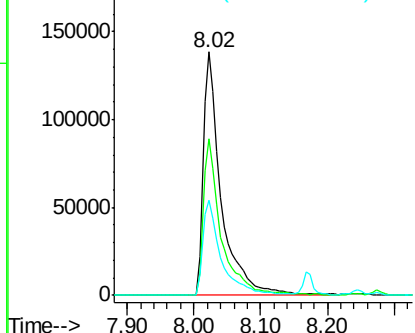
#29
 2,4-Dichlorophenol
 Concen: 36.888 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:162 Resp: 257178
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.7 82.7
 98 39.0 18.1 58.1

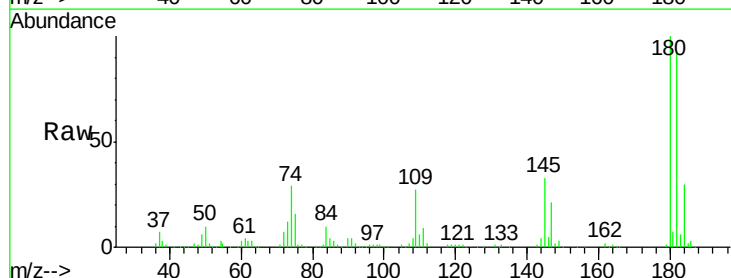


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

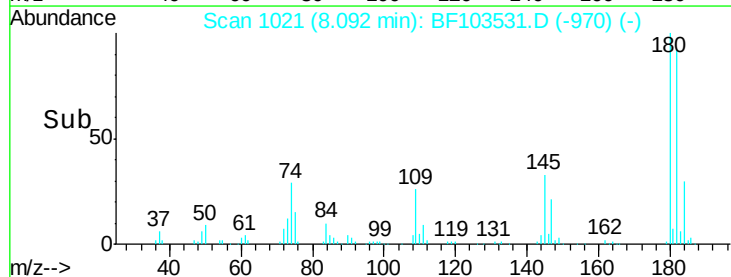
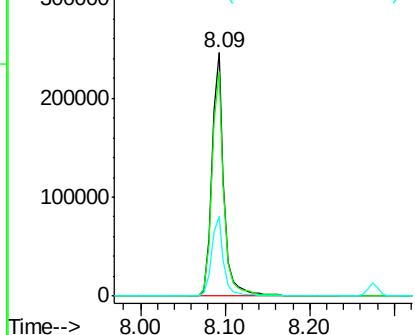


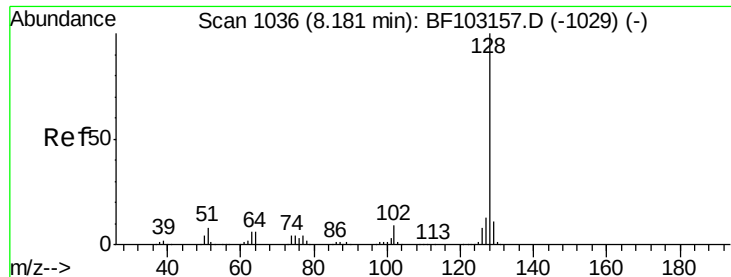
#30
 1,2,4-Trichlorobenzene
 Concen: 33.399 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:180 Resp: 247961
 Ion Ratio Lower Upper
 180 100
 182 92.2 76.8 115.2
 145 32.8 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

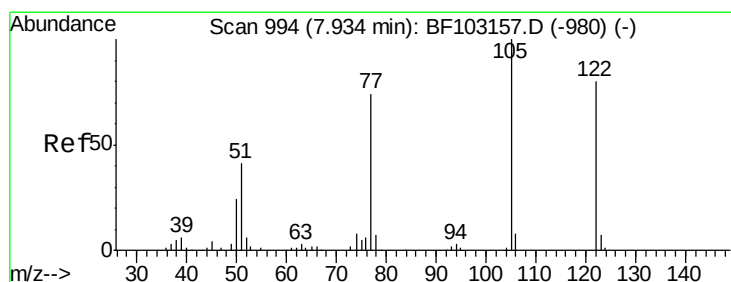
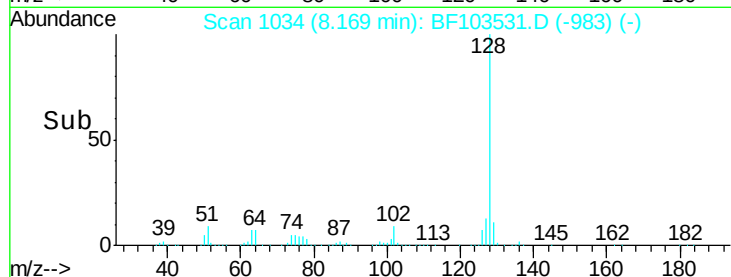
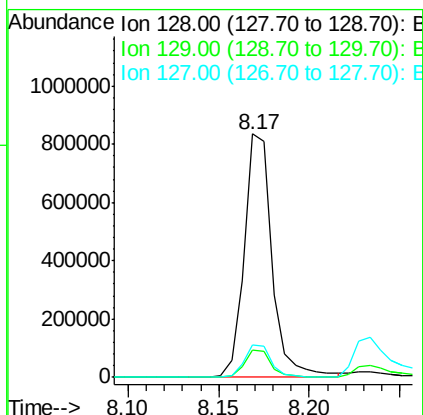
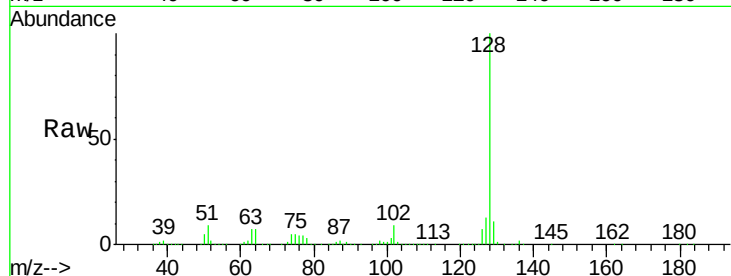




#31
Naphthalene
Concen: 34.619 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

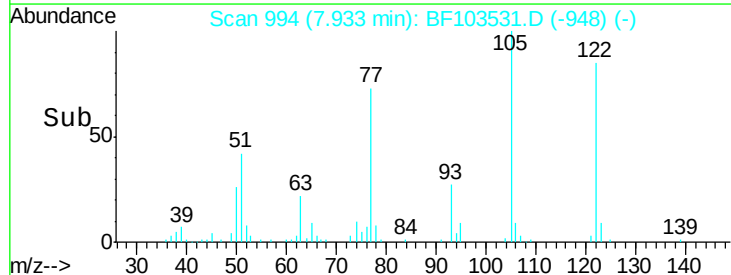
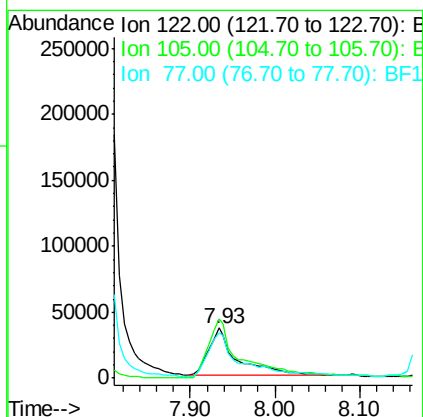
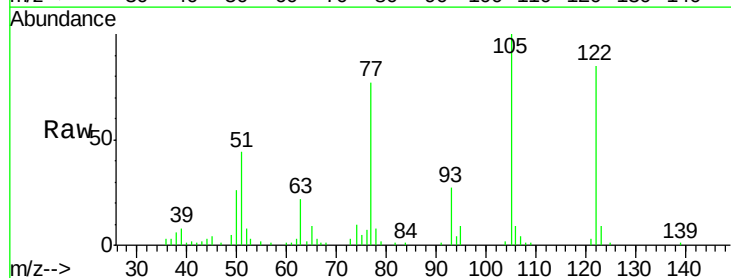
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

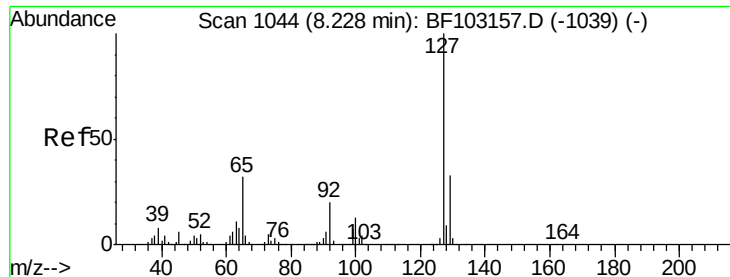
Tot Ion:128 Resp: 889656
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 20.302 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:122 Resp: 84501
Ion Ratio Lower Upper
122 100
105 117.6 101.1 141.1
77 90.8 70.7 110.7

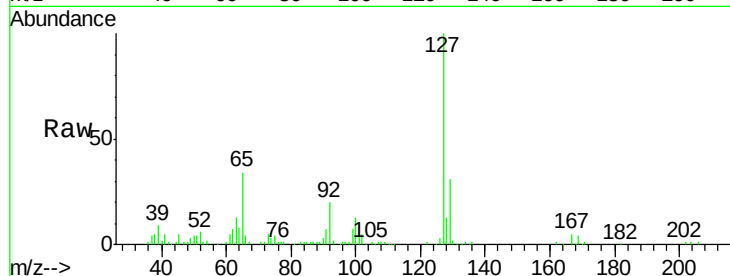




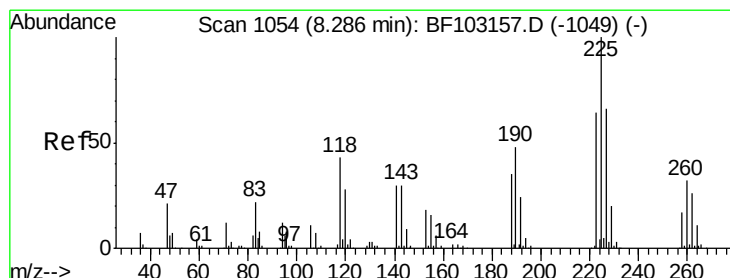
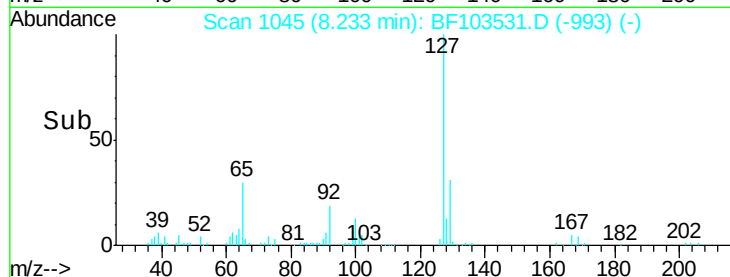
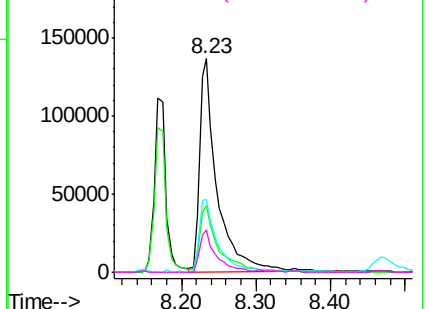
#33
4-Chloroaniline
Concen: 20.266 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:	127	Resp:	224742
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	33.9	25.0	37.4
92	19.7	15.2	22.8

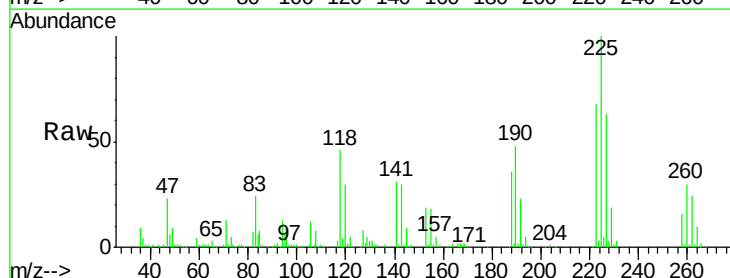


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

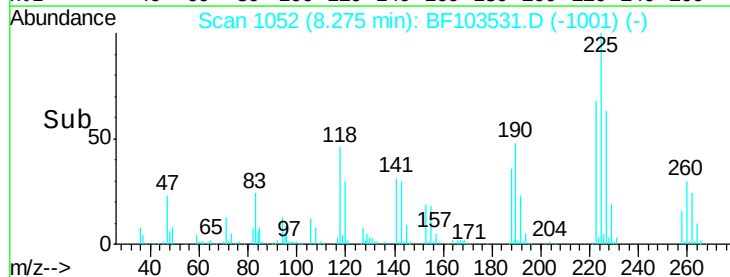
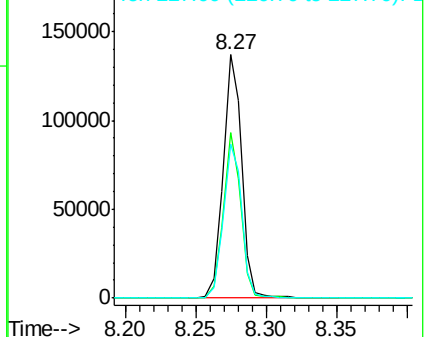


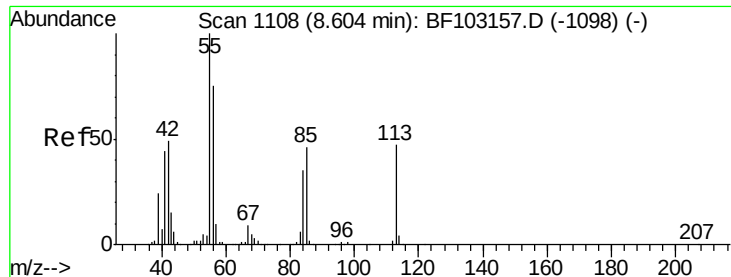
#34
Hexachlorobutadiene
Concen: 32.206 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:	225	Resp:	124511
Ion	Ratio	Lower	Upper
225	100		
223	67.9	50.6	76.0
227	63.2	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

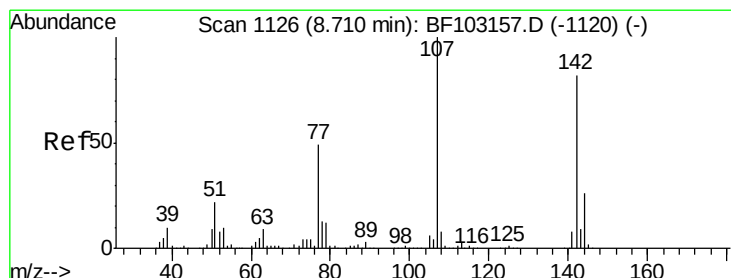
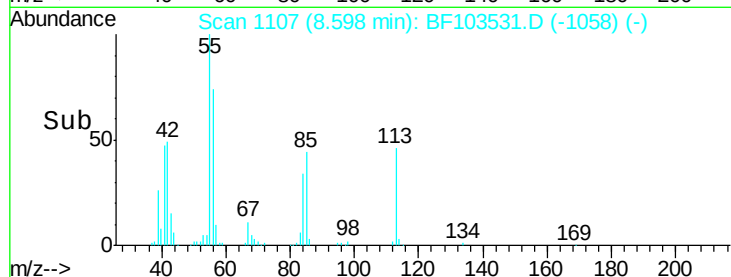
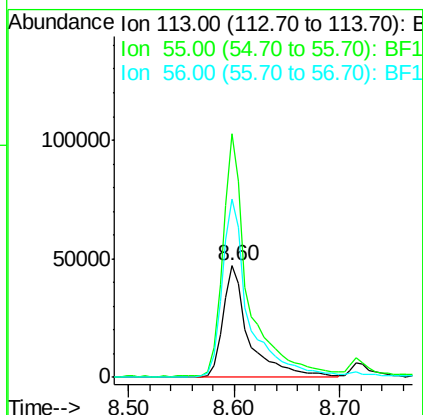
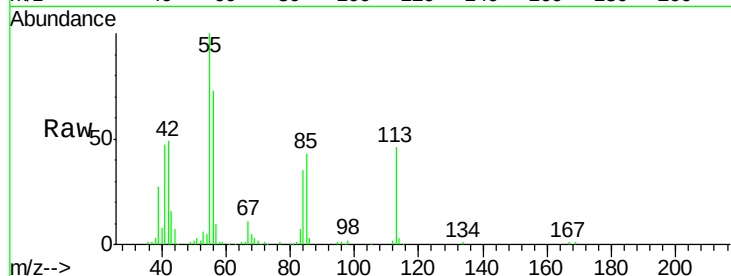




#35
 Caprolactam
 Concen: 33.309 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

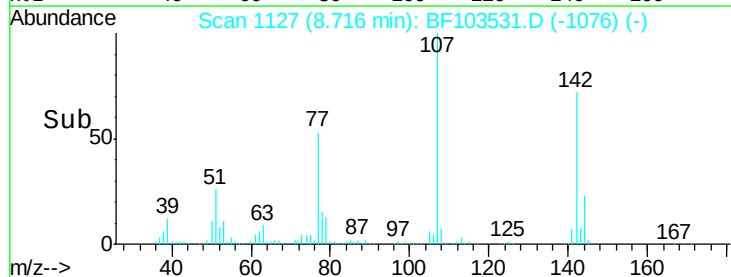
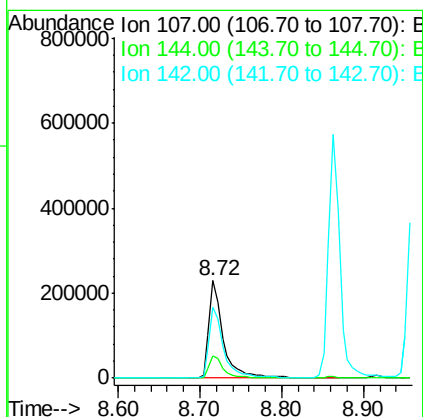
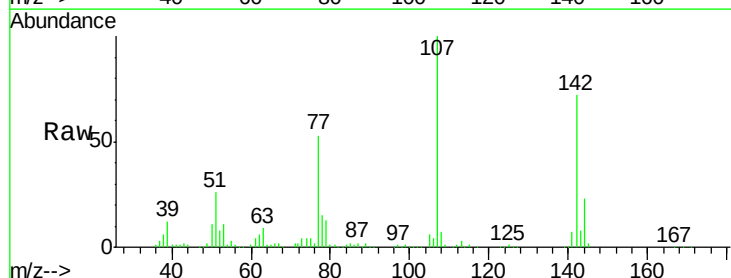
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

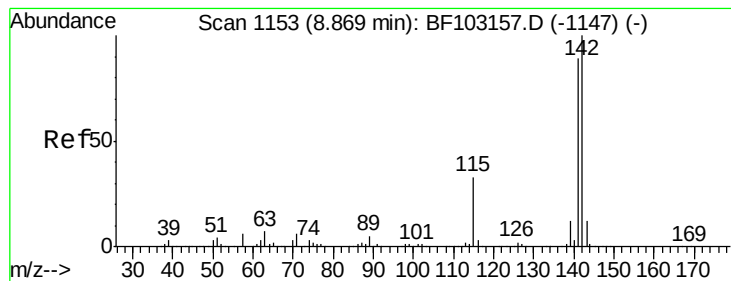
Tot Ion:113 Resp: 81618
 Ion Ratio Lower Upper
 113 100
 55 218.5 163.3 203.3#
 56 160.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 35.711 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:107 Resp: 280824
 Ion Ratio Lower Upper
 107 100
 144 22.6 20.5 30.7
 142 72.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.419 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

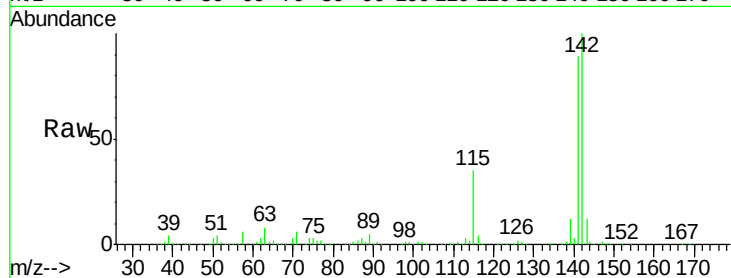
Tot Ion:142 Resp: 555033

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

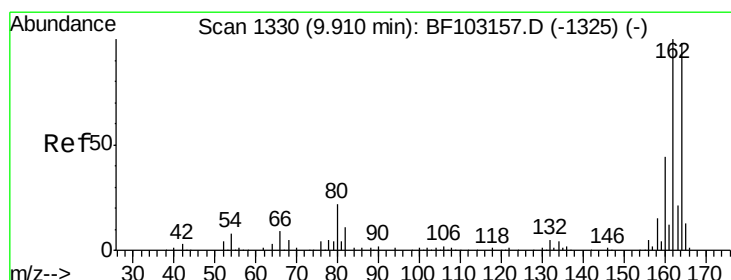
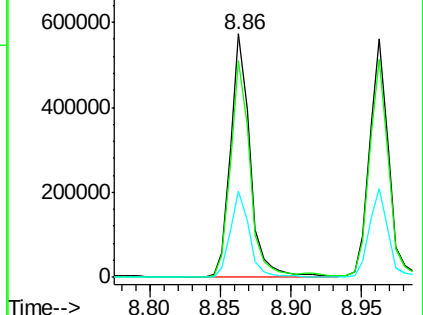
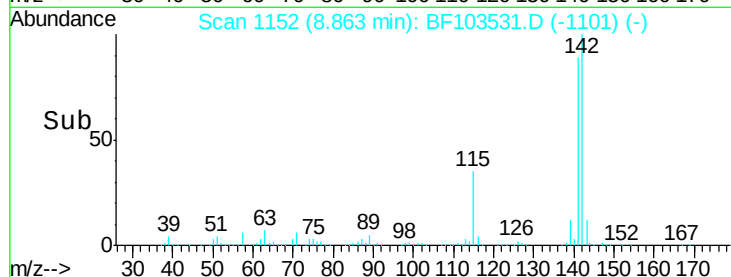
115 35.3 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

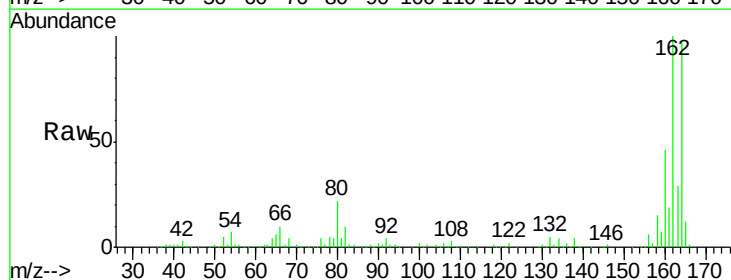
Tgt Ion:164 Resp: 197941

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

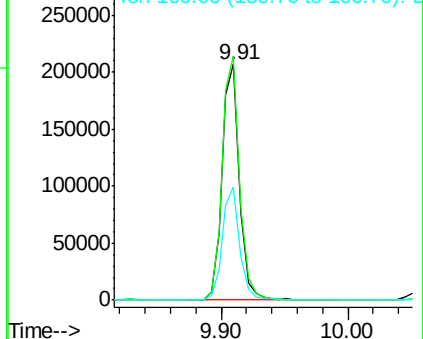
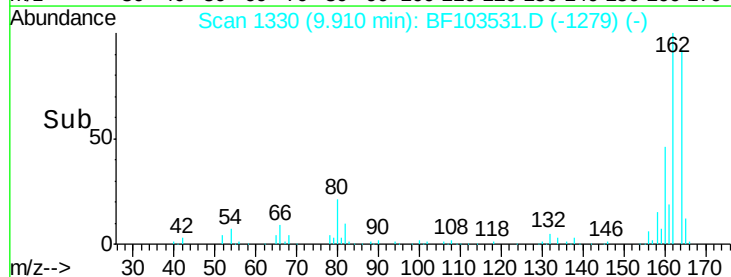
160 47.7 38.3 57.5

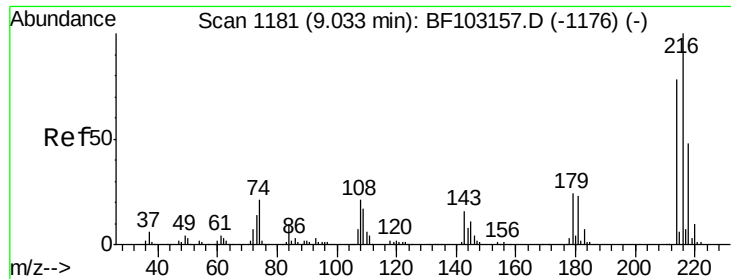


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

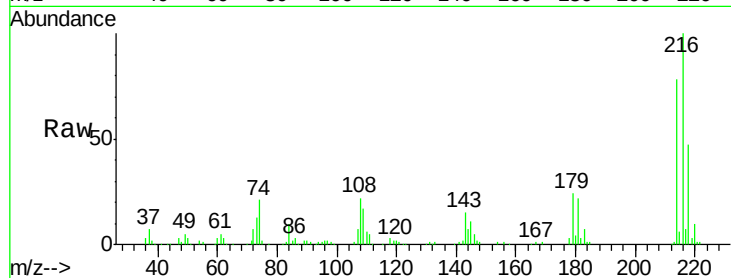




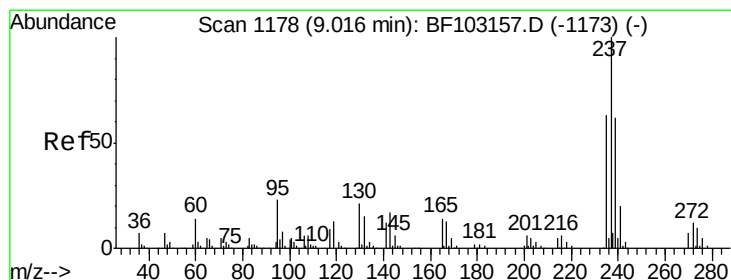
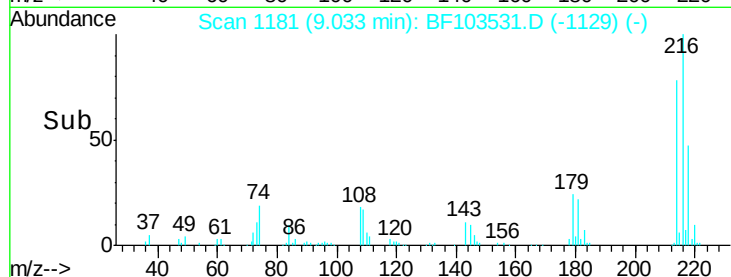
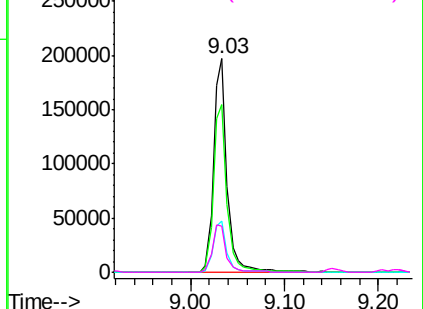
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.212 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:	216	Resp:	201364
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	24.6	18.1	27.1
108	23.4	17.2	25.8

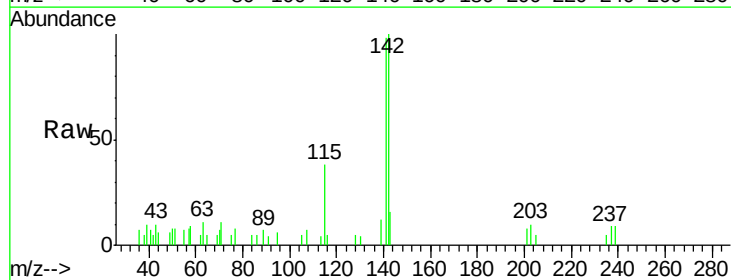


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

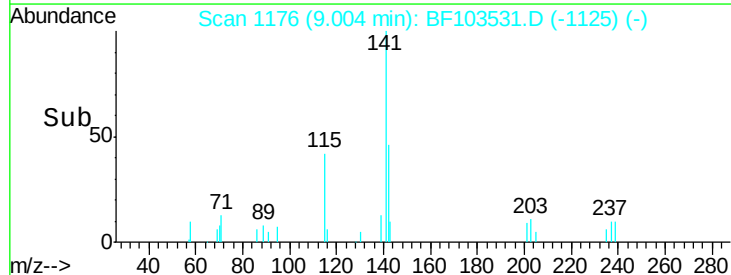
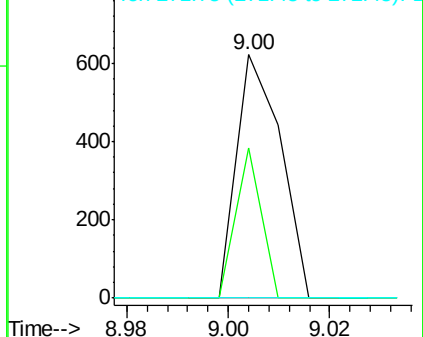


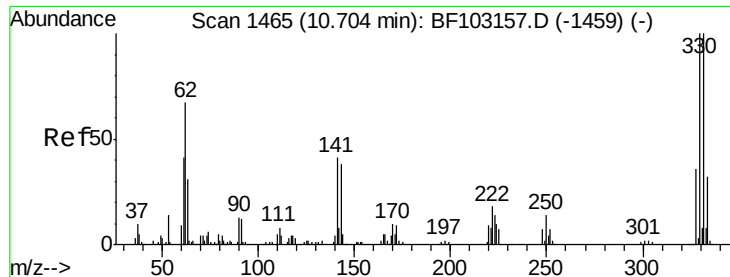
#40
 Hexachlorocyclopentadiene
 Concen: 9.057 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:	237	Resp:	376
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	0.0	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

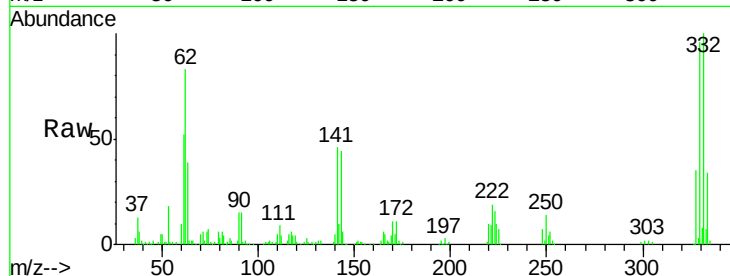




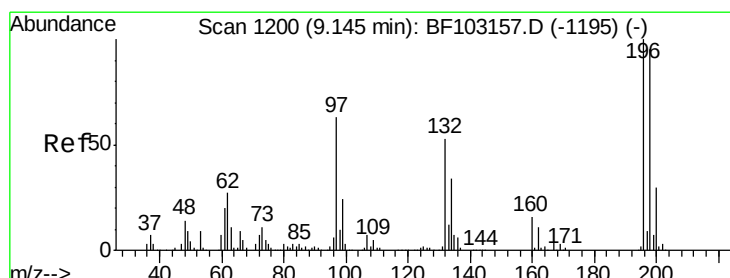
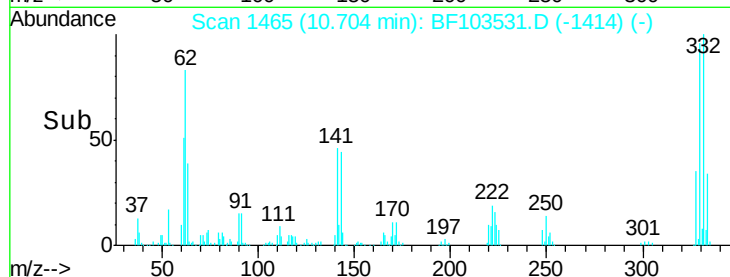
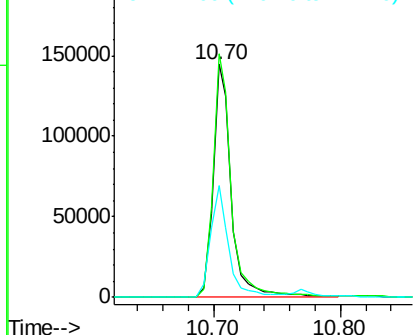
#41
 2,4,6-Tribromophenol
 Concen: 88.003 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:330 Resp: 147446
 Ion Ratio Lower Upper
 330 100
 332 106.0 77.0 115.6
 141 46.8 29.9 44.9#

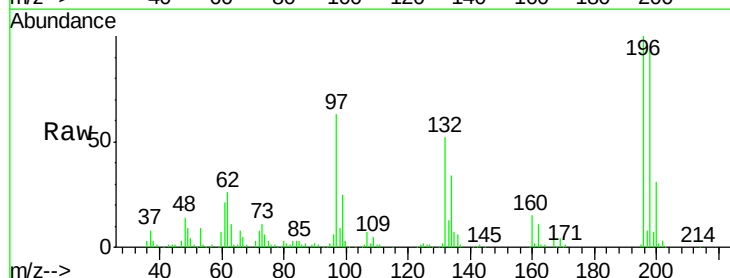


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

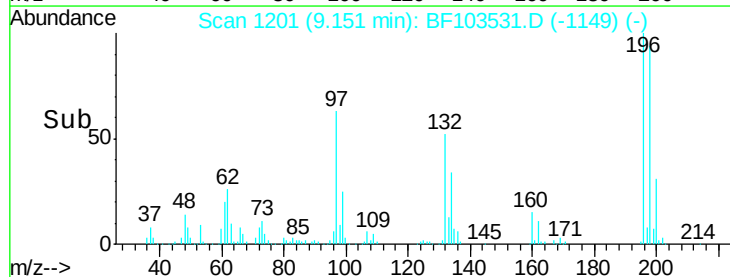
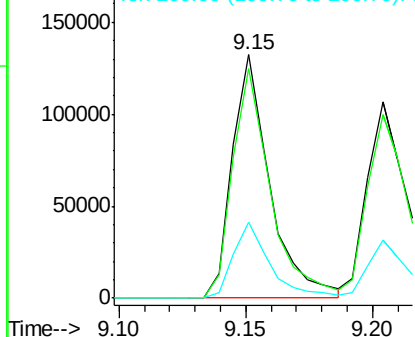


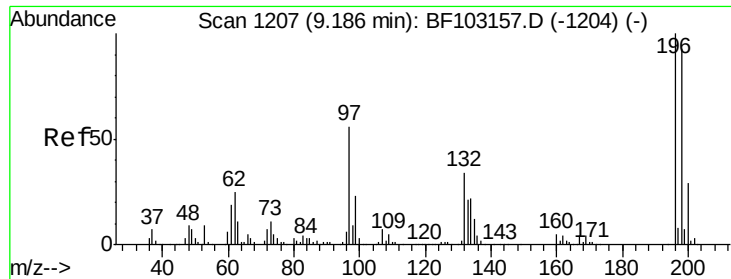
#42
 2,4,6-Trichlorophenol
 Concen: 37.414 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:196 Resp: 136229
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.9 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

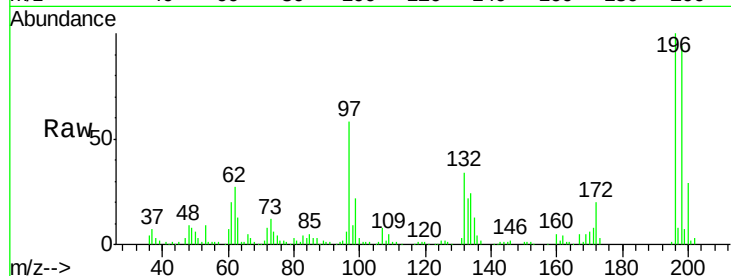




#43
 2,4,5-Trichlorophenol
 Concen: 32.951 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	112.0
97	58.5	42.9	64.3
132	34.5	26.3	39.5



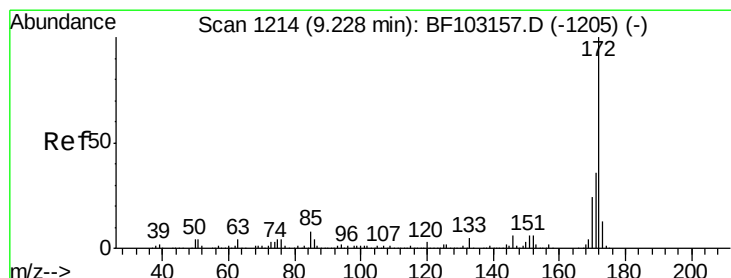
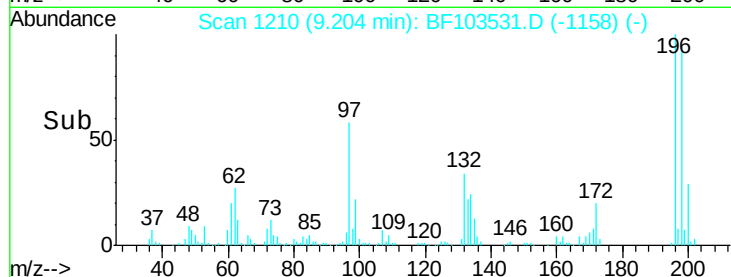
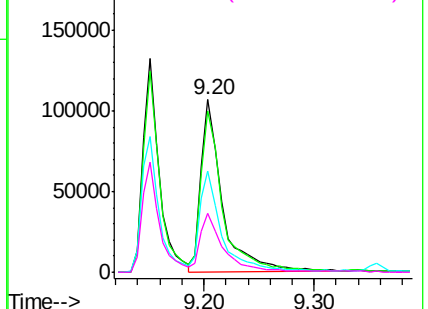
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

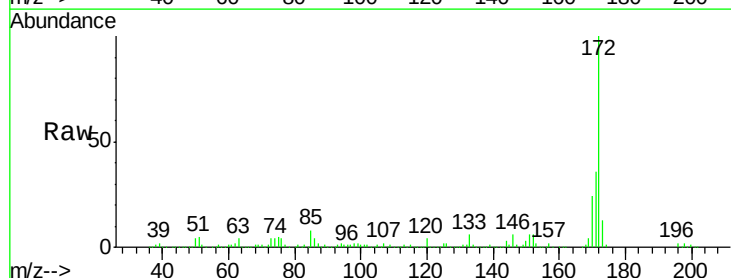
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.182 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

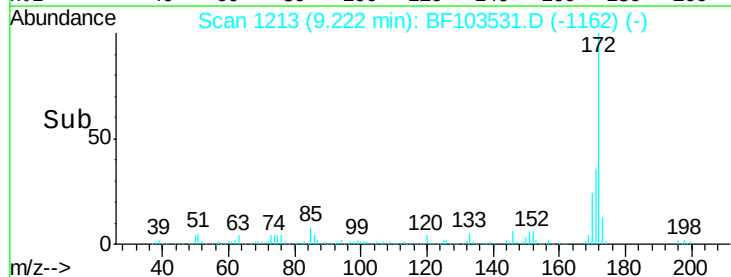
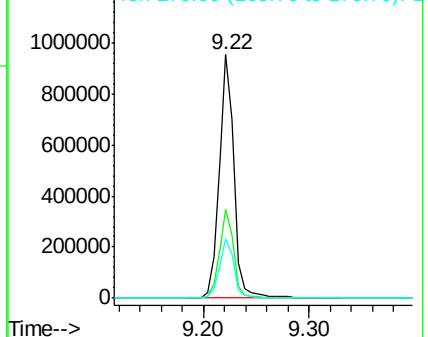


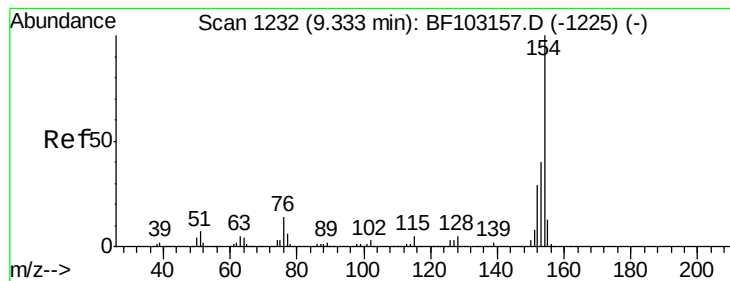
Abundance

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: 37.475 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

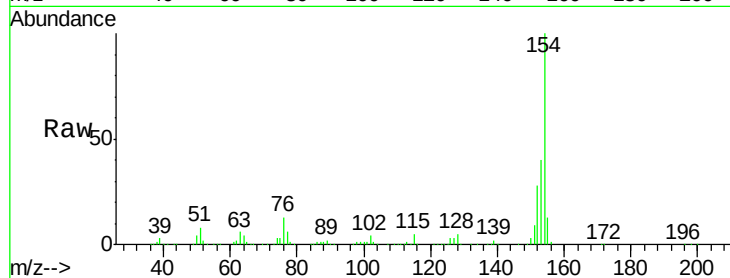
Tot Ion:154 Resp: 621582

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

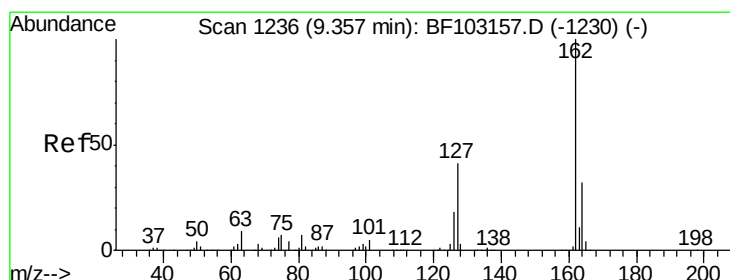
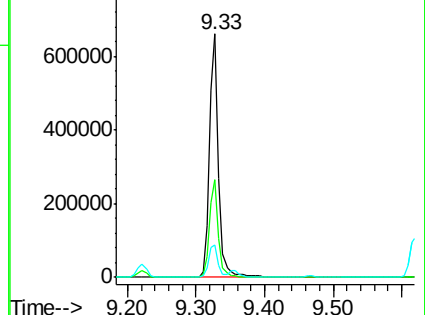
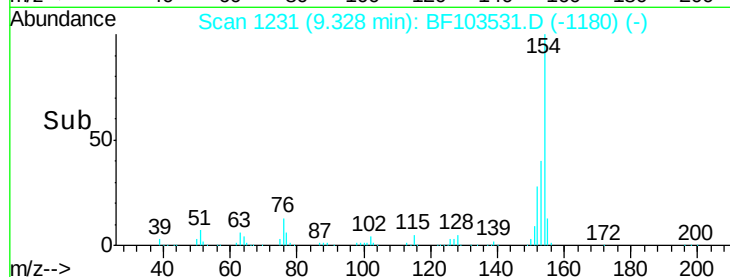
76 13.2 0.0 34.0



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: 37.301 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

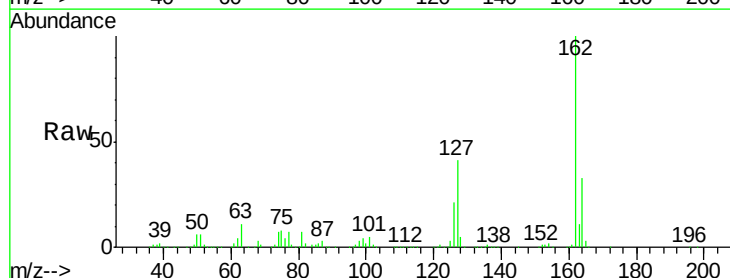
Tgt Ion:162 Resp: 489474

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

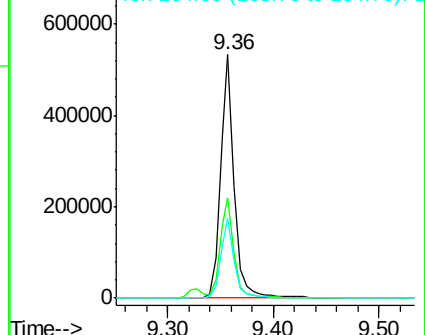
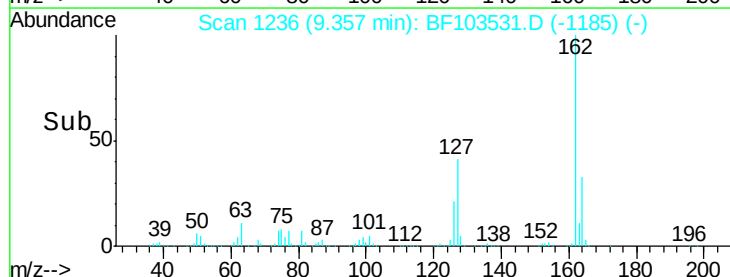
164 33.0 26.5 39.7

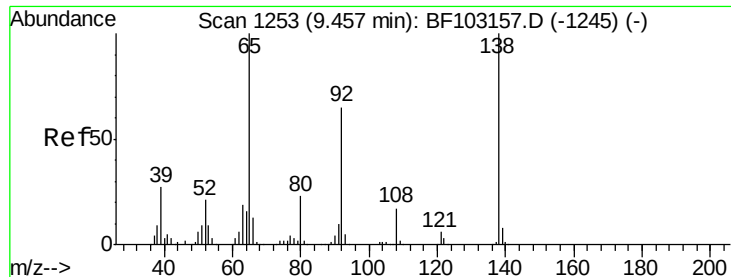


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.475 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

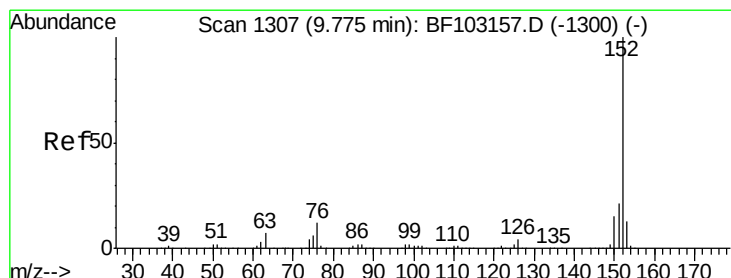
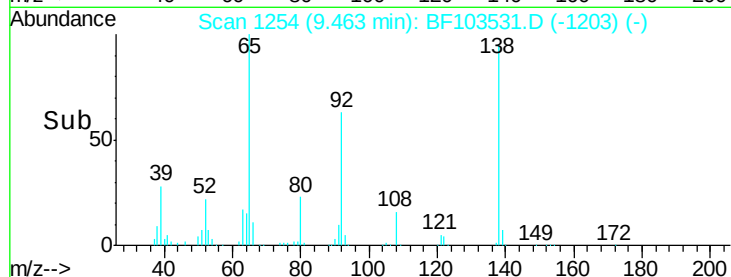
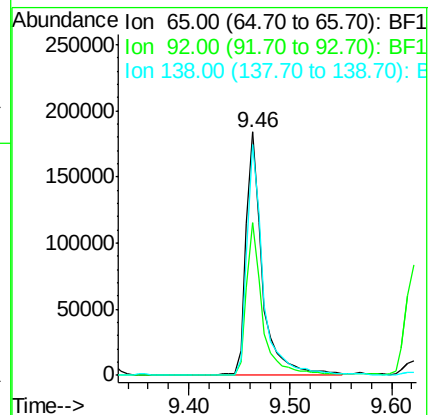
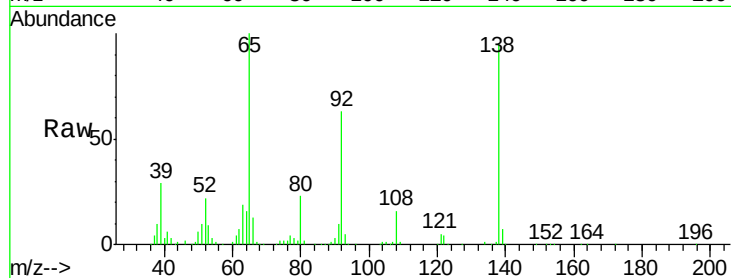
Tot Ion: 65 Resp: 206457

Ion Ratio Lower Upper

65 100

92 62.8 55.8 83.6

138 94.9 91.2 136.8



#48

Acenaphthylene

Concen: 34.829 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

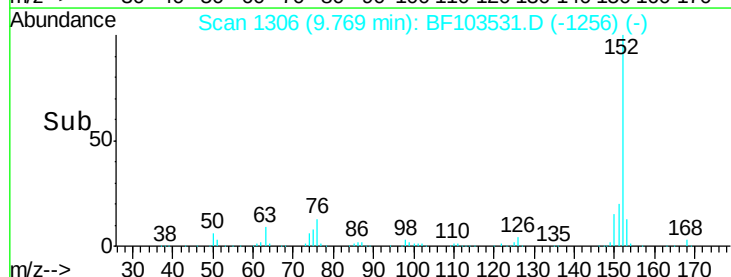
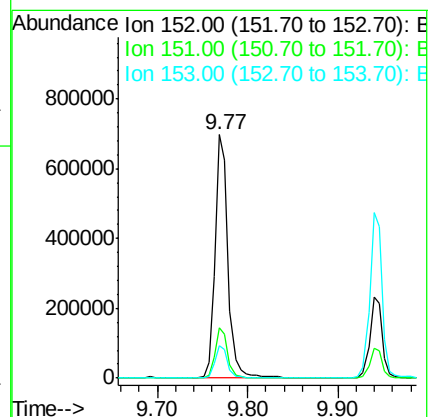
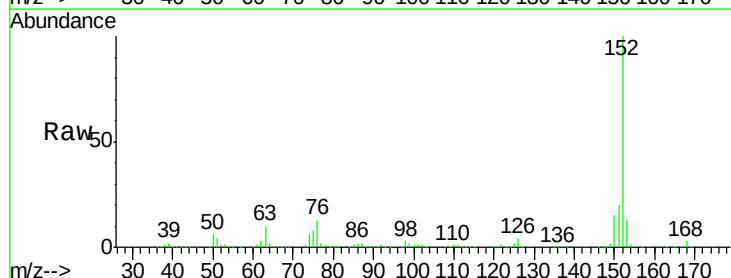
Tgt Ion: 152 Resp: 703190

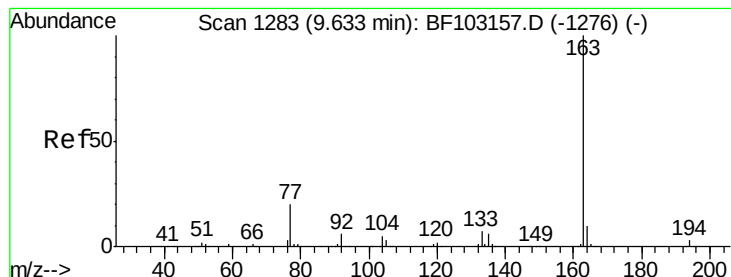
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 39.793 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

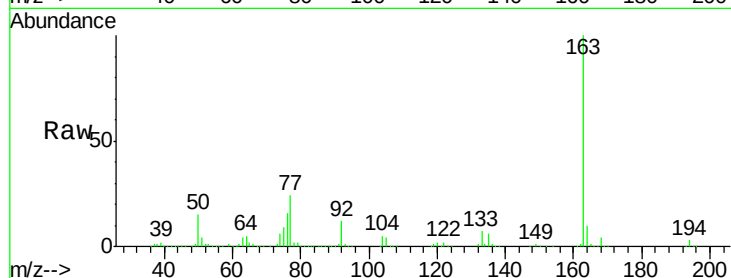
Tot Ion:163 Resp: 631885

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

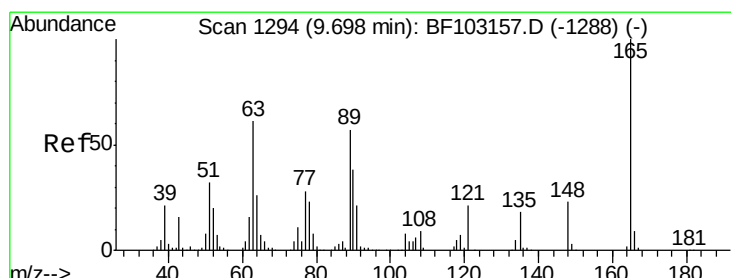
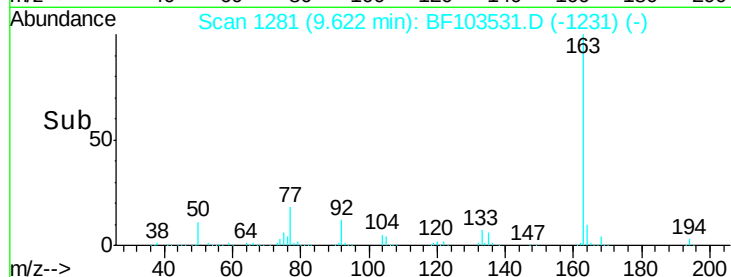
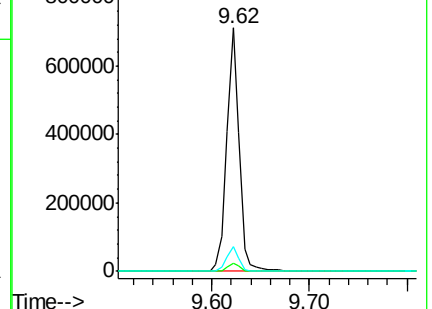
164 10.3 8.2 12.2



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: 30.110 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

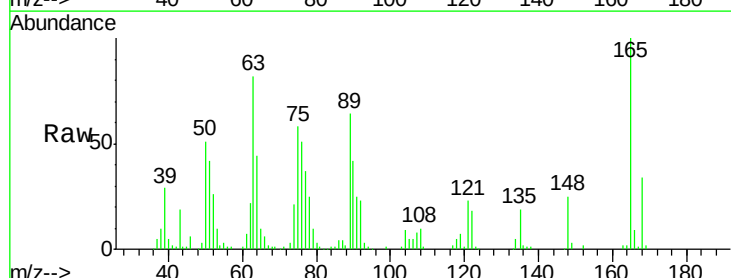
Tgt Ion:165 Resp: 100335

Ion Ratio Lower Upper

165 100

63 81.9 44.7 67.1#

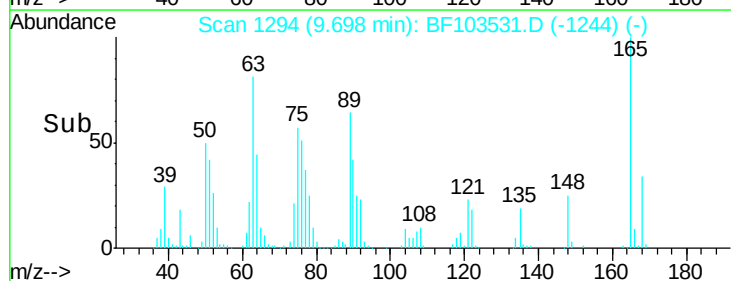
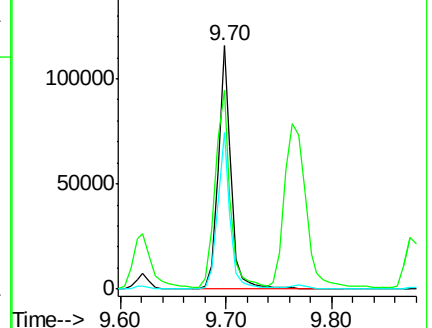
89 64.1 44.0 66.0

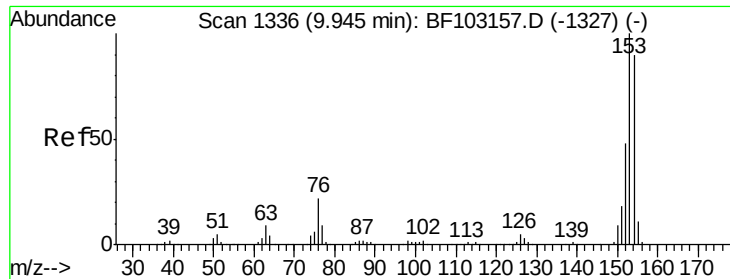


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.451 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

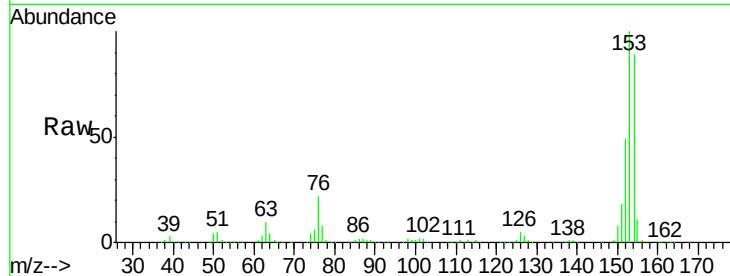
Tot Ion:154 Resp: 405591

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

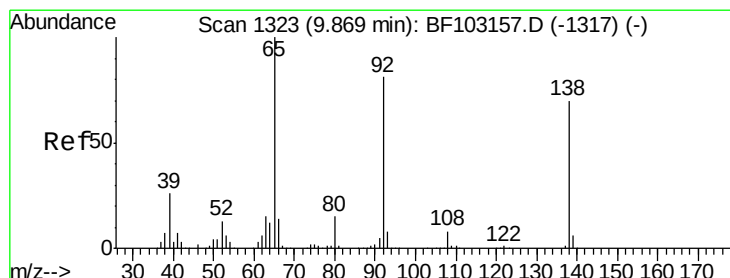
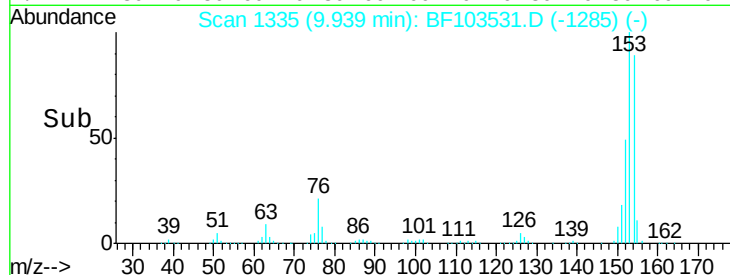
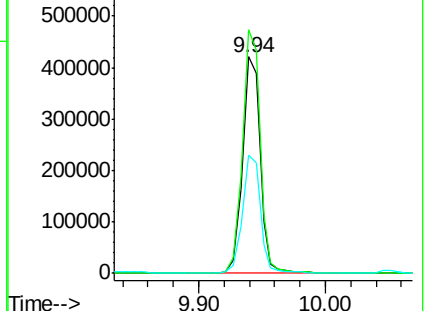
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.854 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

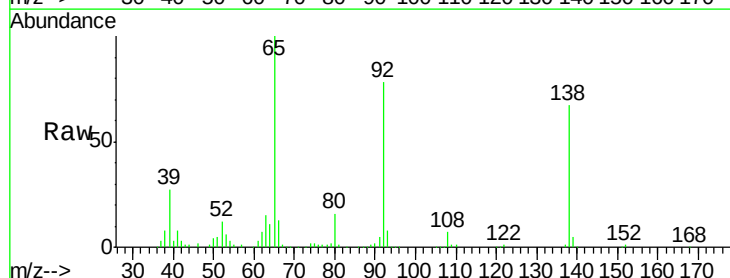
Tgt Ion:138 Resp: 143126

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

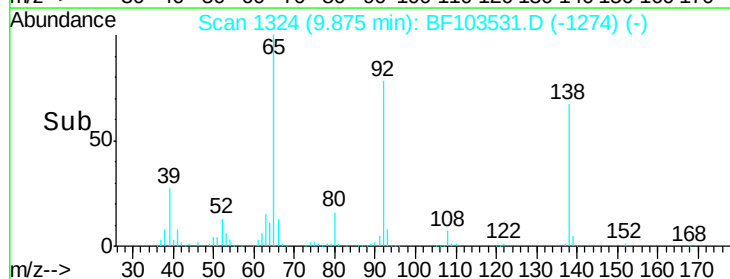
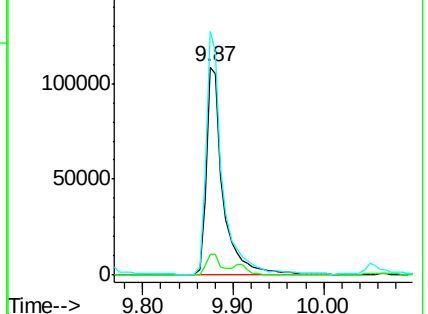
92 117.1 89.4 134.2

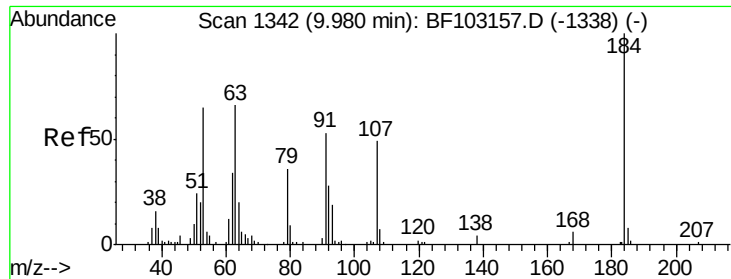


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

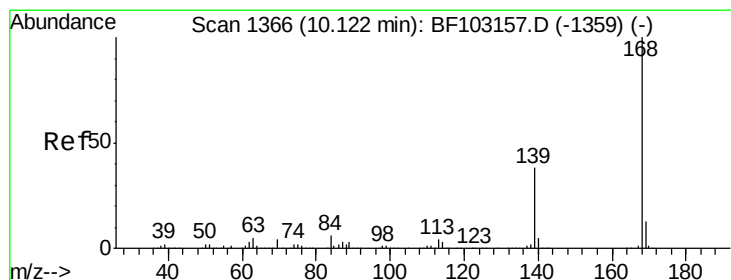
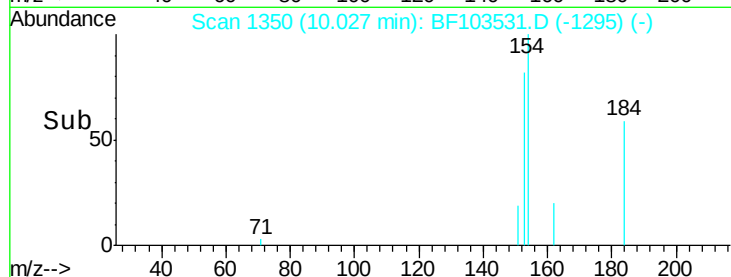
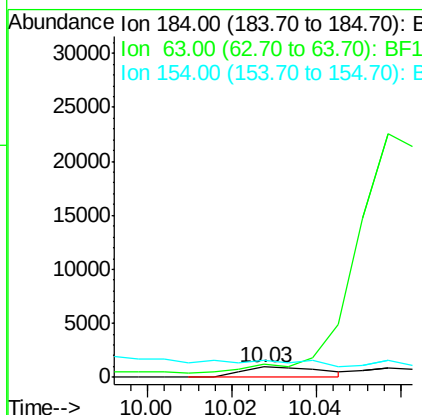
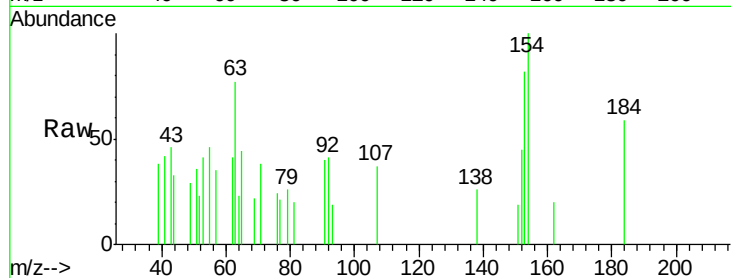




#53
2,4-Dinitrophenol
Concen: 10.556 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

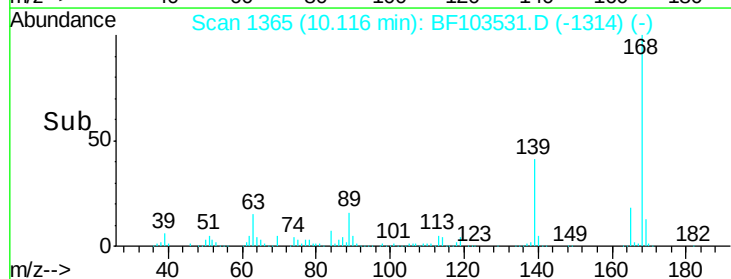
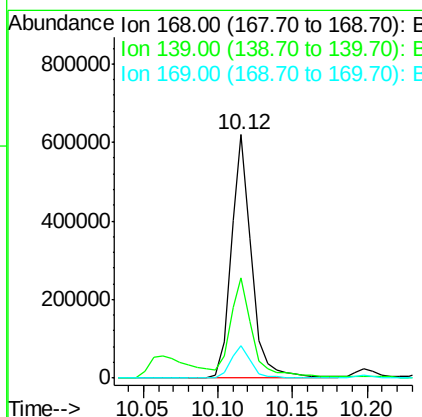
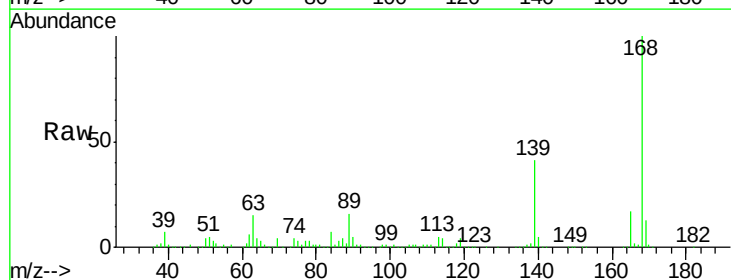
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

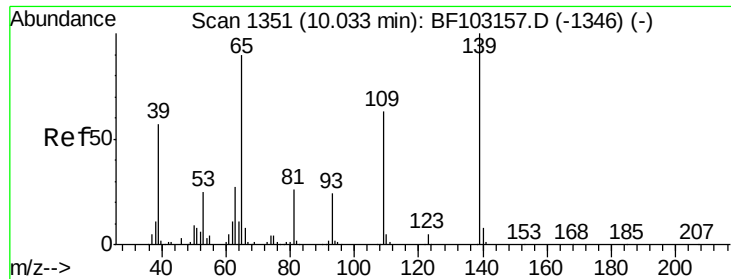
Tot Ion:184 Resp: 1279
Ion Ratio Lower Upper
184 100
63 129.7 54.2 81.2#
154 168.4 184.0 276.0#



#54
Dibenzofuran
Concen: 36.743 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:168 Resp: 593813
Ion Ratio Lower Upper
168 100
139 41.3 30.1 45.1
169 13.3 10.9 16.3

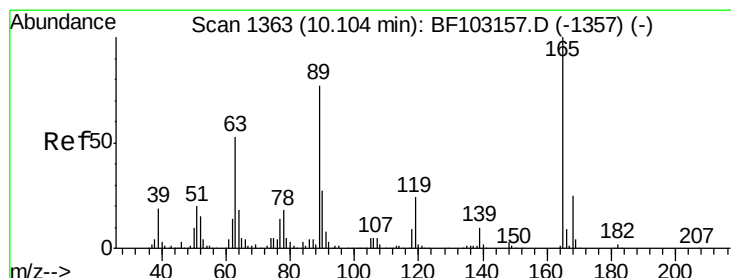
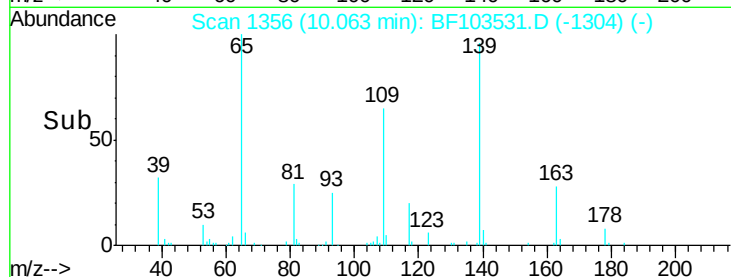
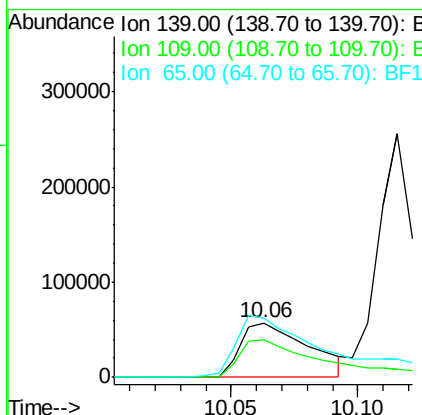
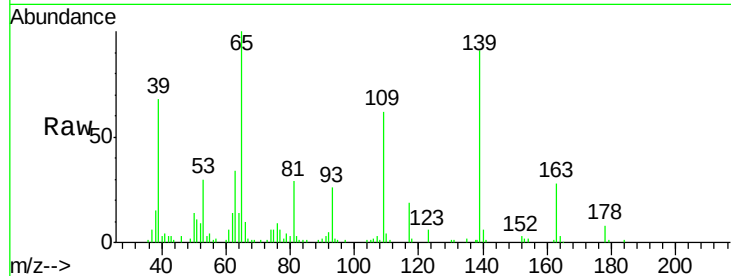




#55
4-Nitrophenol
Concen: 40.352 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

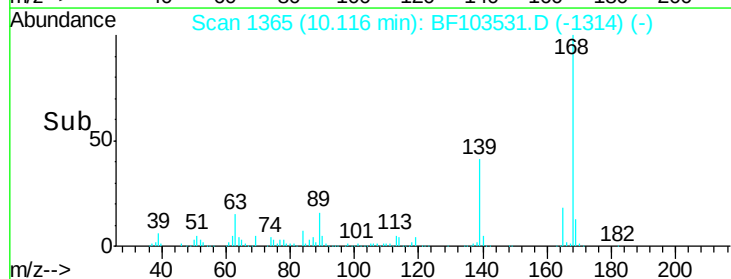
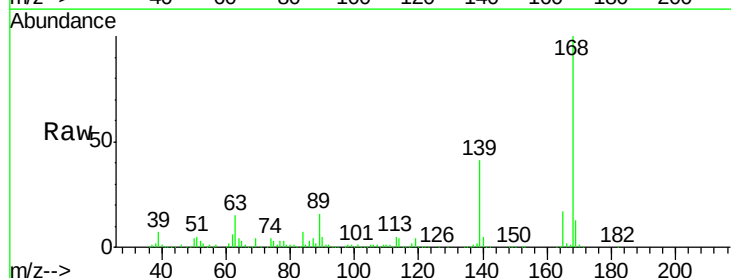
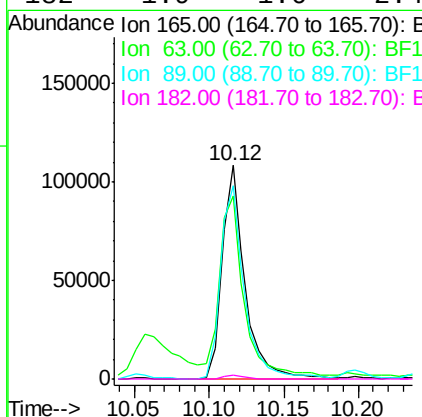
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

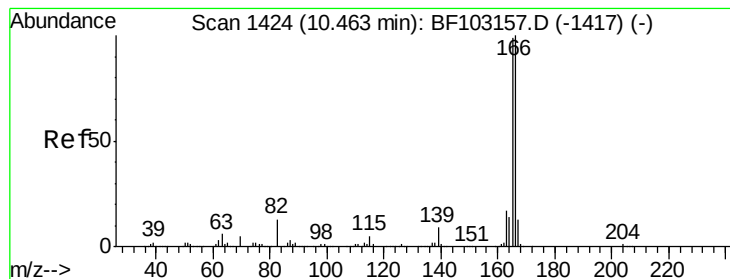
Tot Ion:139 Resp: 105733
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 109.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 27.693 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:165 Resp: 116712
Ion Ratio Lower Upper
165 100
63 85.9 36.4 54.6#
89 90.6 57.8 86.6#
182 1.9 1.6 2.4





#57

Fluorene

Concen: 34.699 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

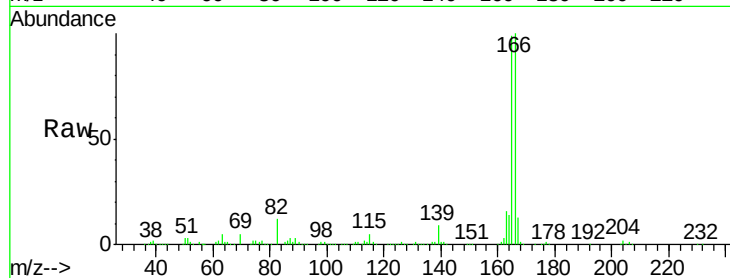
Tot Ion:166 Resp: 477702

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

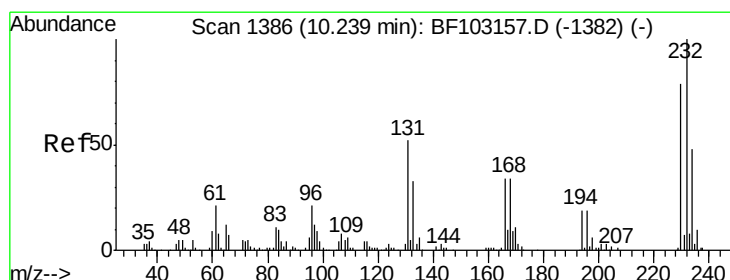
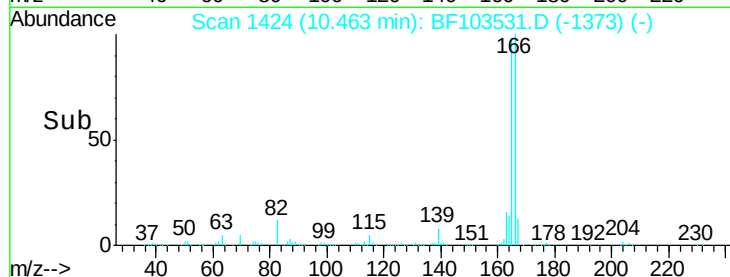
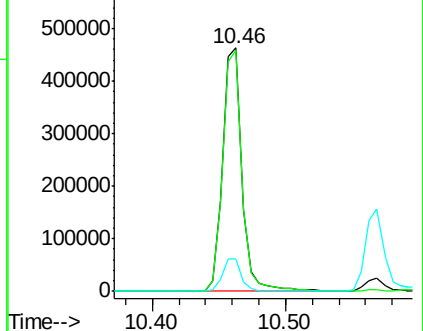
167 13.1 10.6 16.0



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: 33.970 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Tgt Ion:232 Resp: 95567

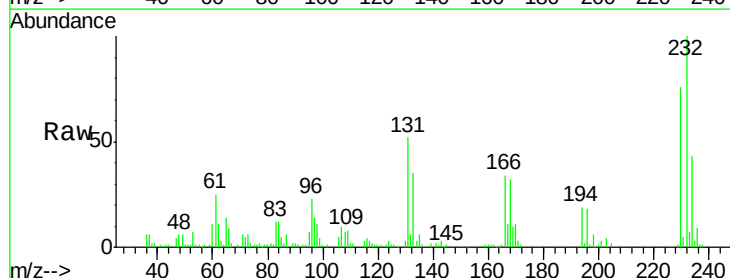
Ion Ratio Lower Upper

232 100

131 58.3 43.8 65.8

130 3.1 2.1 3.1

166 34.9 27.8 41.6

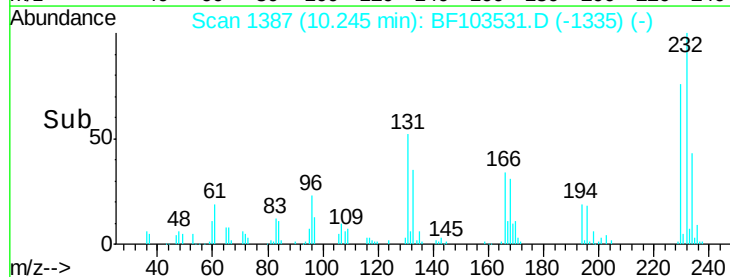
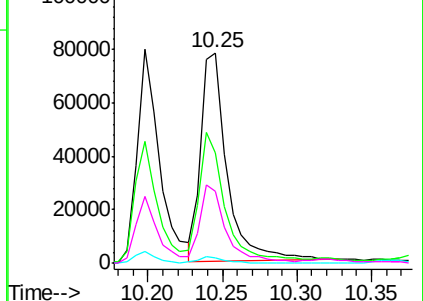


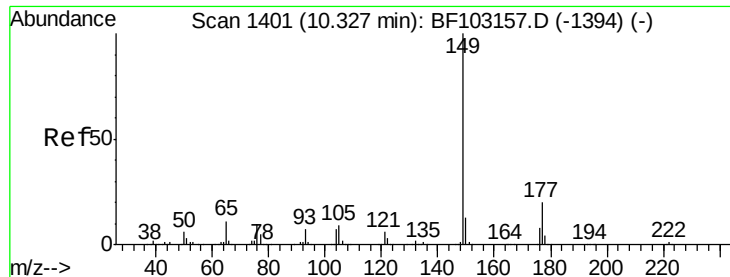
Abundance Ion 232.00 (231.70 to 232.70): E

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

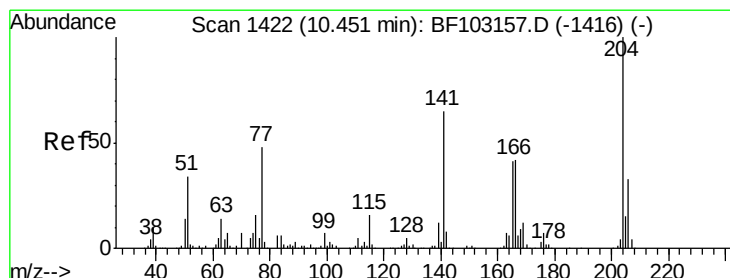
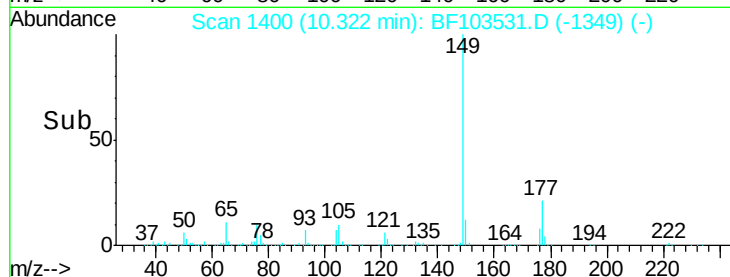
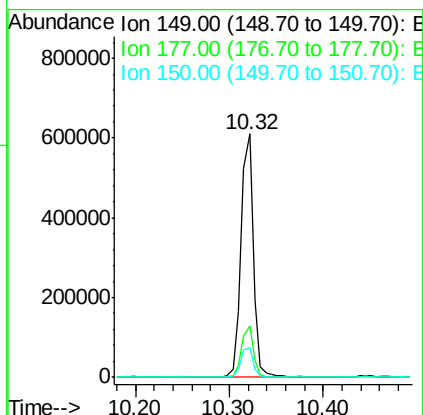
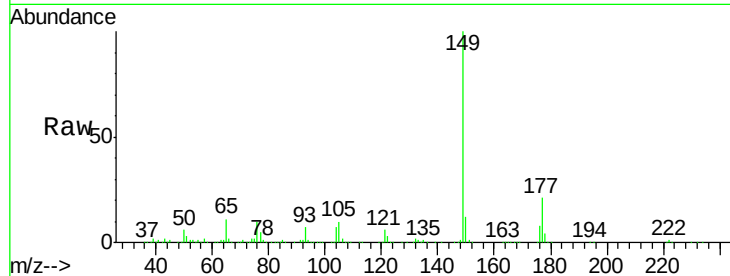




#59
Diethylphthalate
Concen: 36.762 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

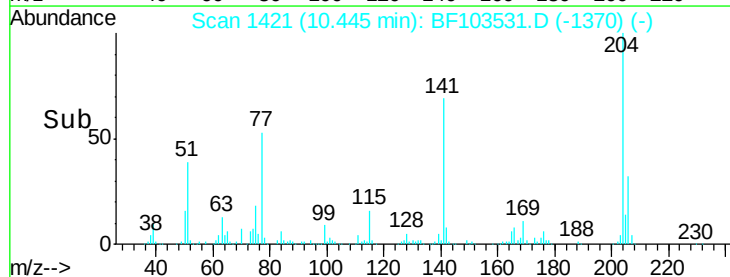
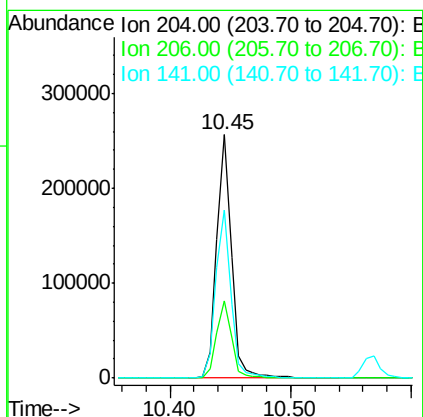
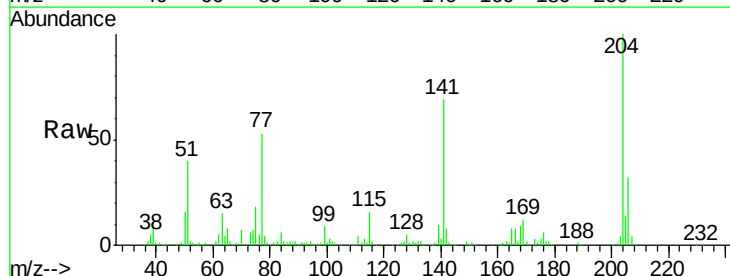
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

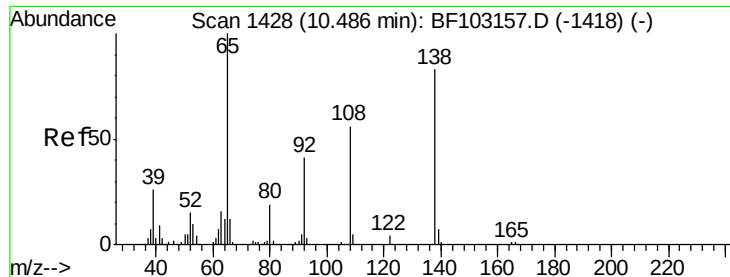
Tot Ion:149 Resp: 558302
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.900 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:204 Resp: 215430
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 69.2 54.6 81.8





#61

4-Nitroaniline

Concen: 35.037 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

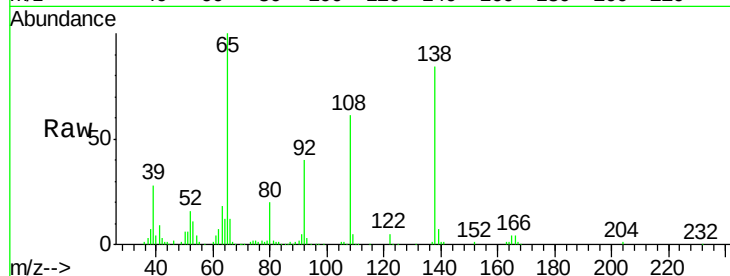
Tot Ion:138 Resp: 147951

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

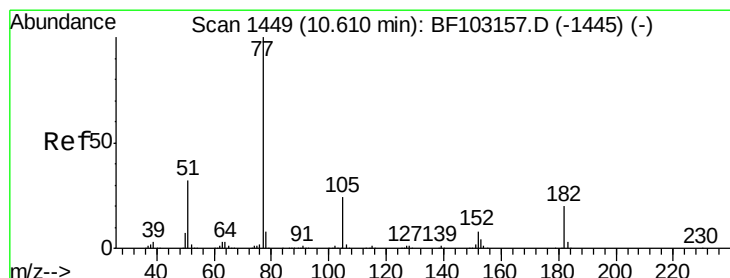
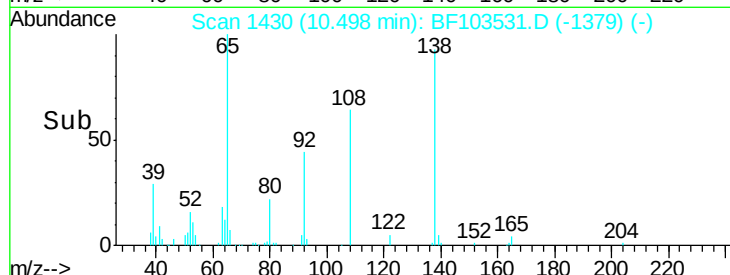
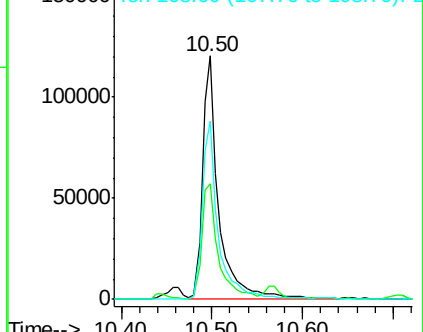
108 73.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.727 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Tgt Ion: 77 Resp: 583206

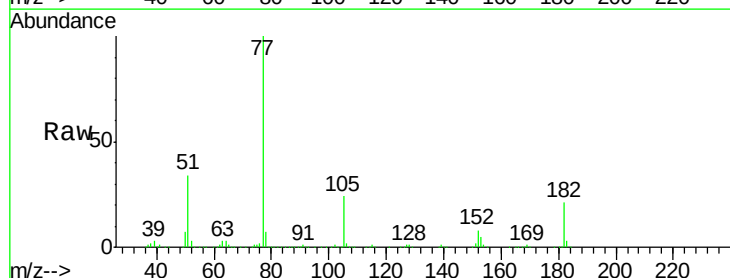
Ion Ratio Lower Upper

77 100

182 21.4 1.7 41.7

105 23.7 3.0 43.0

51 33.7 9.9 49.9

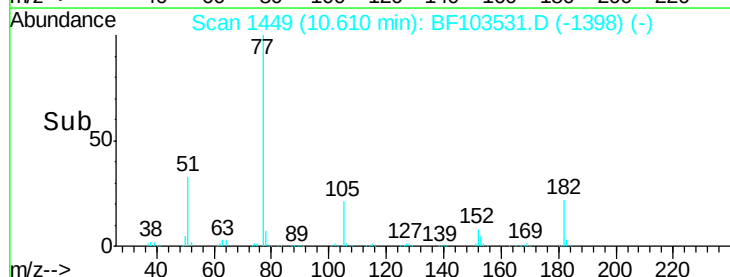
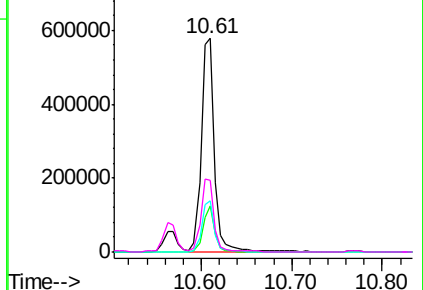


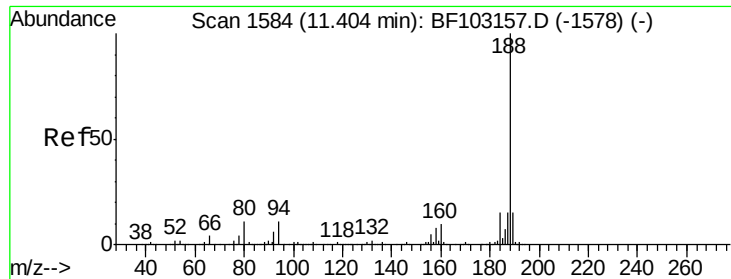
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

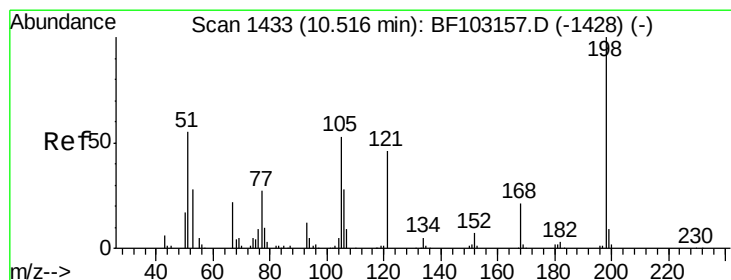
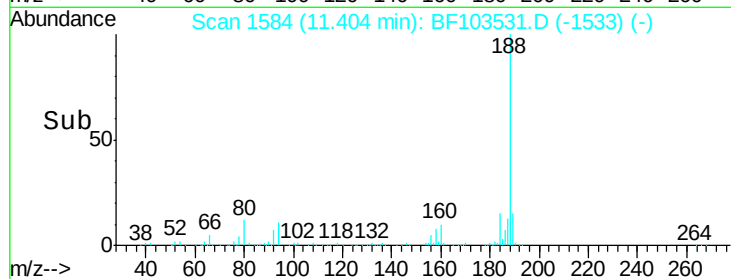
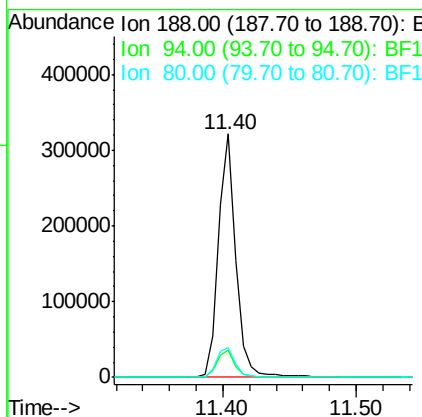
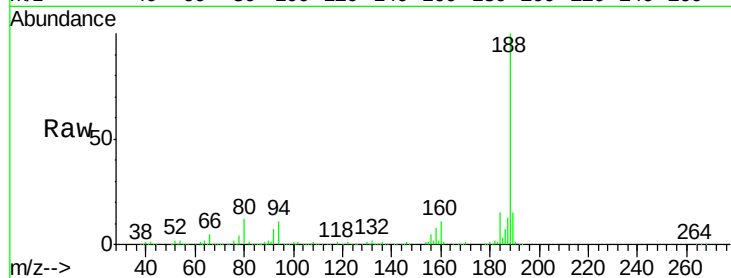




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

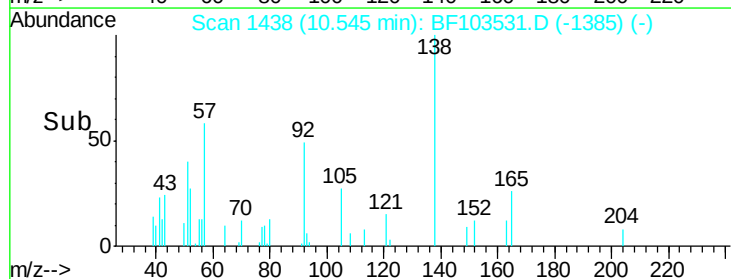
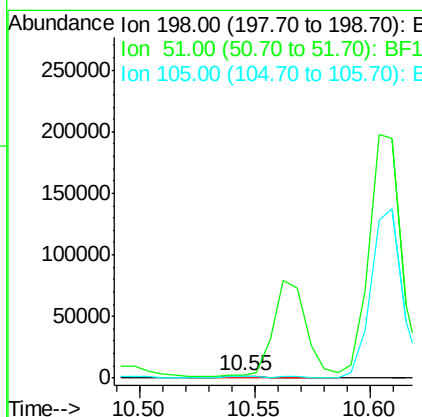
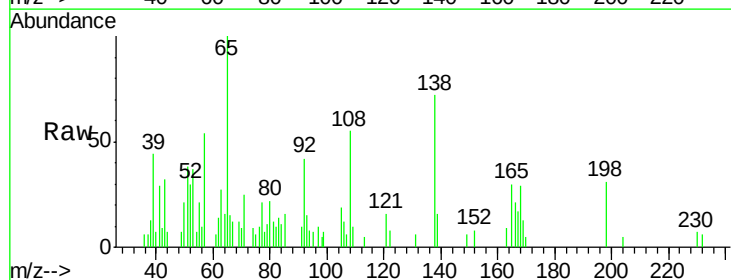
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

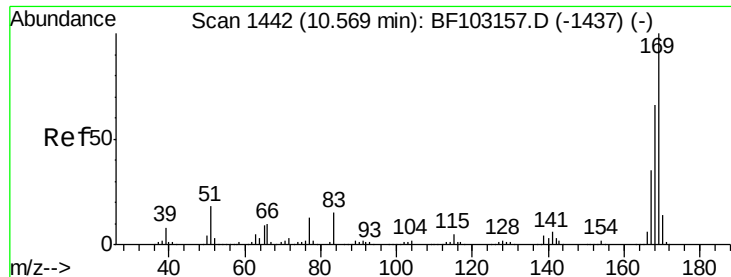
Tot Ion:188 Resp: 298154
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.239 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:198 Resp: 2617
Ion Ratio Lower Upper
198 100
51 123.1 37.7 77.7#
105 61.7 36.3 76.3

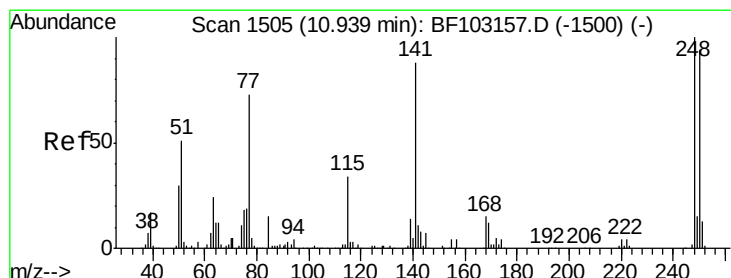
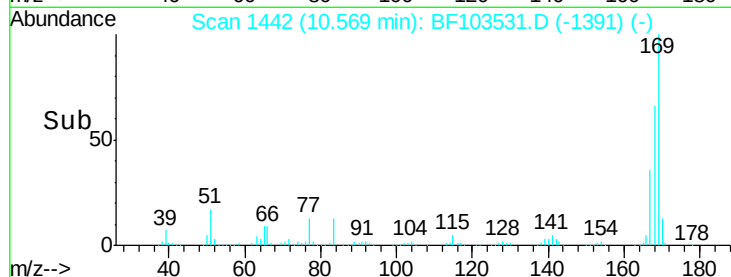
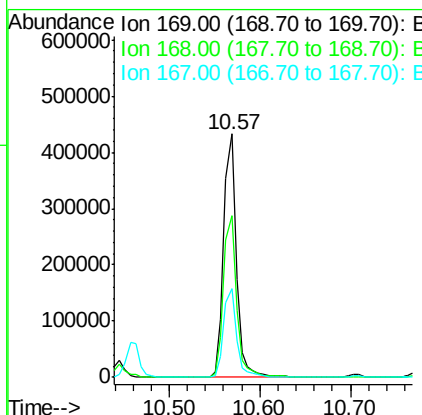
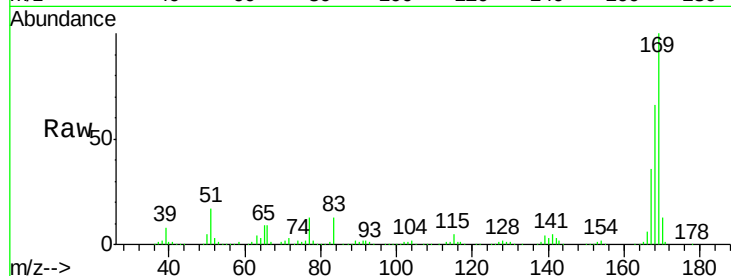




#65
 n-Nitrosodiphenylamine
 Concen: 40.305 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

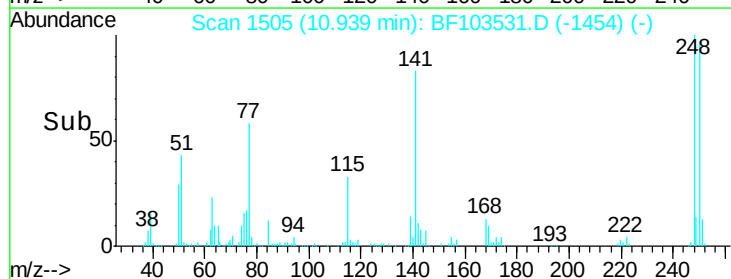
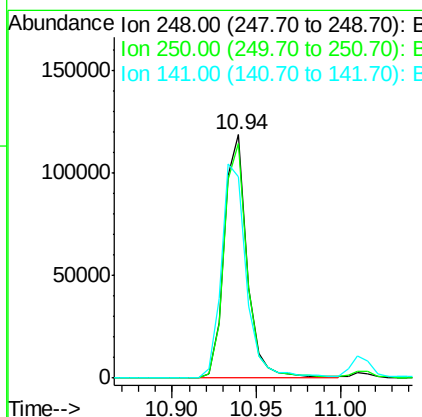
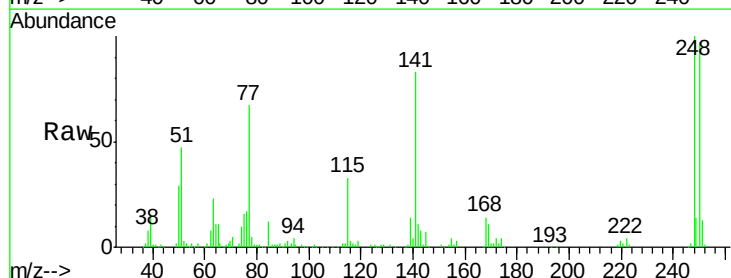
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

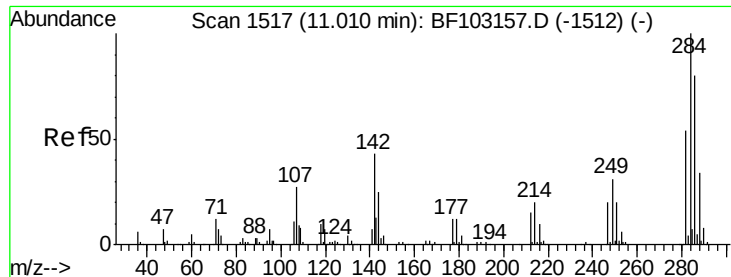
Tot Ion	169	Resp	418416
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	66.3		
167	36.4		



#66
 4-Bromophenyl-phenylether
 Concen: 36.122 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion	248	Resp	112191
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.6		
141	83.0		

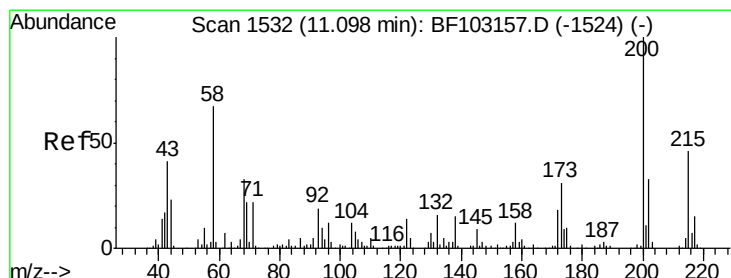
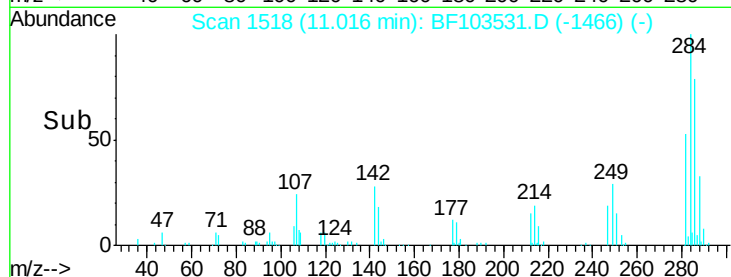
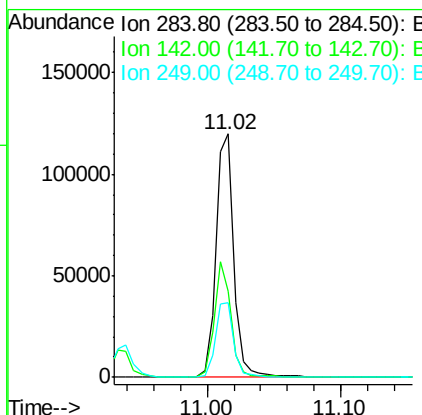
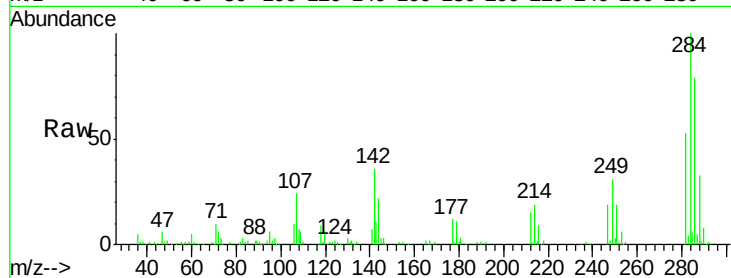




#67
Hexachlorobenzene
Concen: 33.506 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

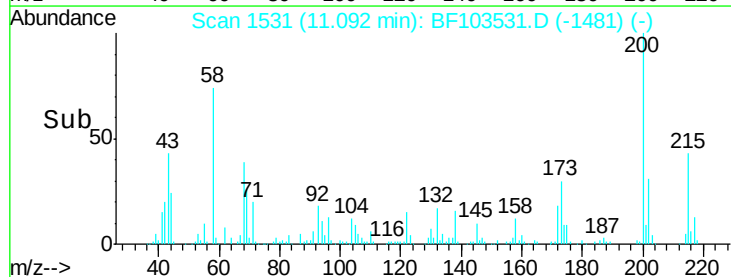
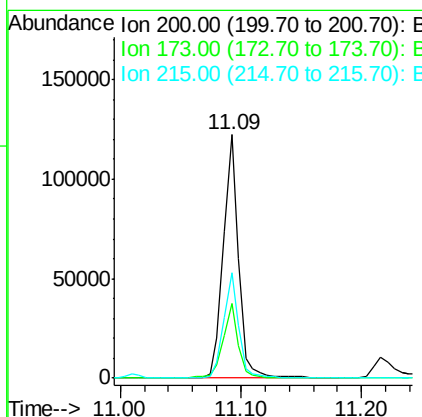
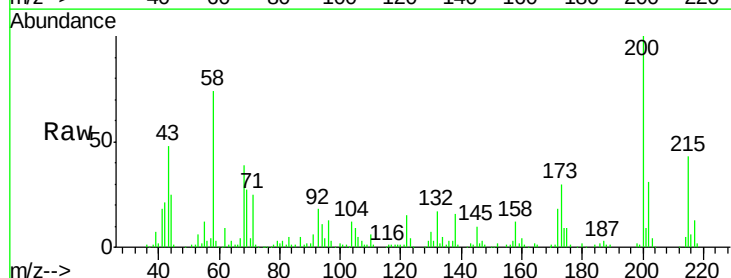
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

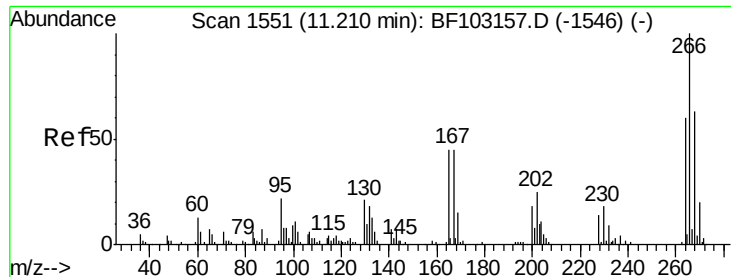
Tot Ion:284 Resp: 112951
Ion Ratio Lower Upper
284 100
142 35.6 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 34.310 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:200 Resp: 107058
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 43.2 25.1 65.1

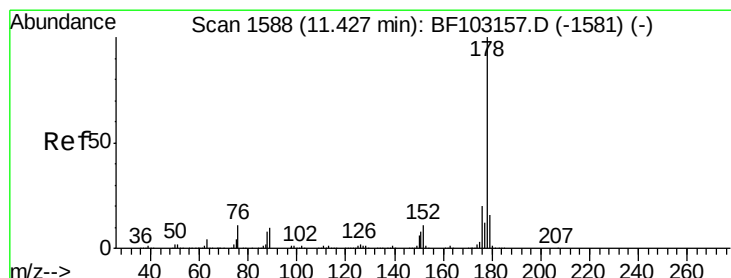
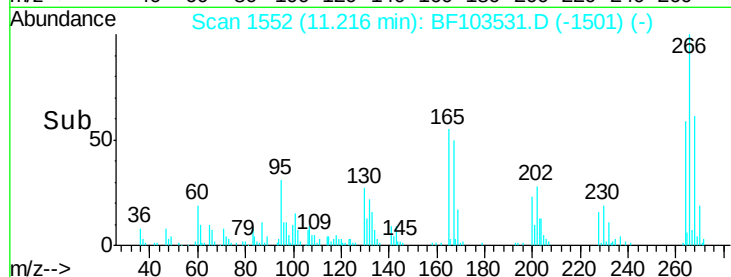
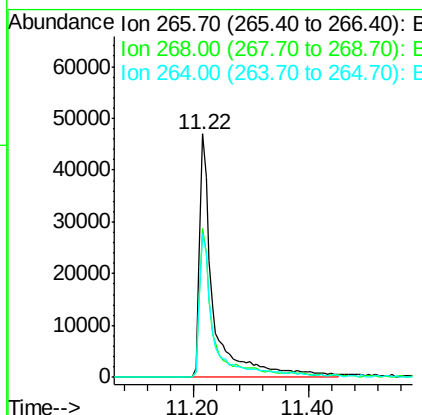
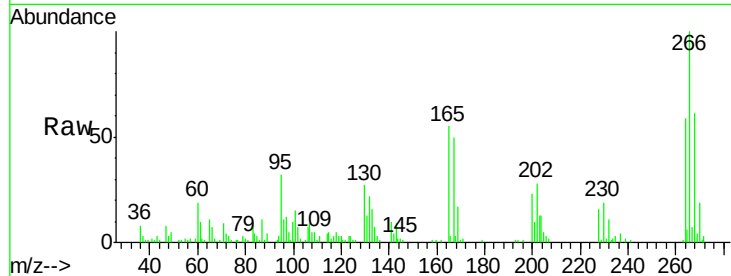




#69
 Pentachlorophenol
 Concen: 49.389 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

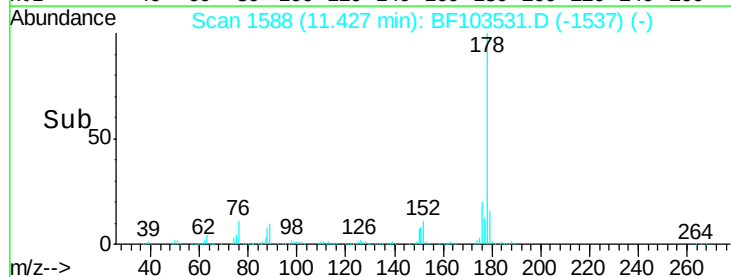
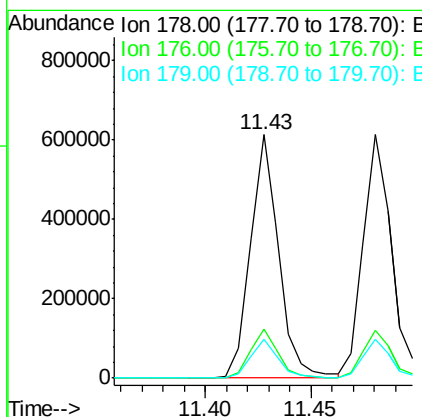
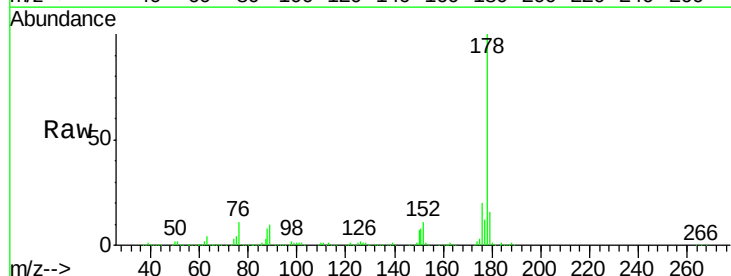
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

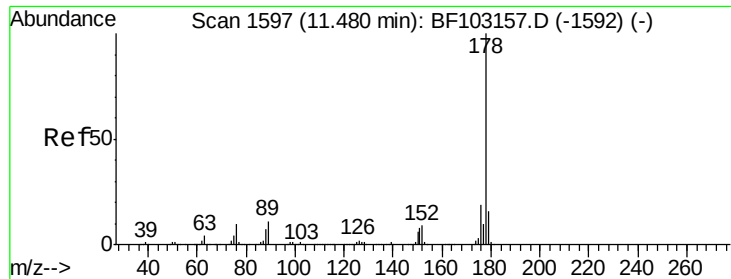
Tot Ion:266 Resp: 80503
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 59.0 49.5 74.3



#70
 Phenanthrene
 Concen: 34.931 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:178 Resp: 573160
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.9 13.0 19.6

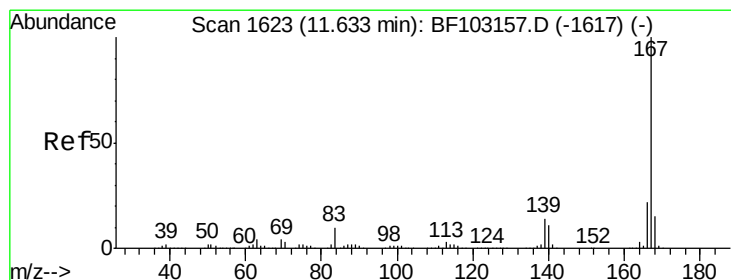
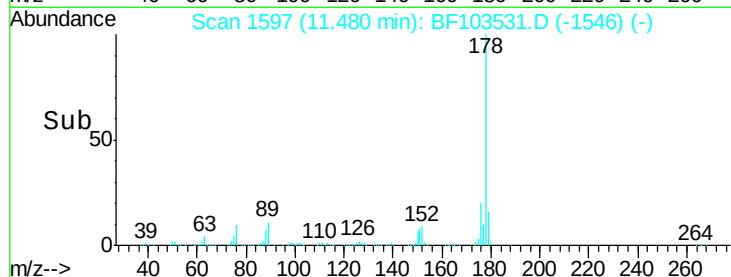
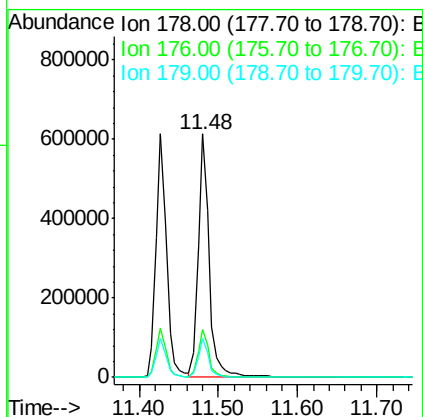
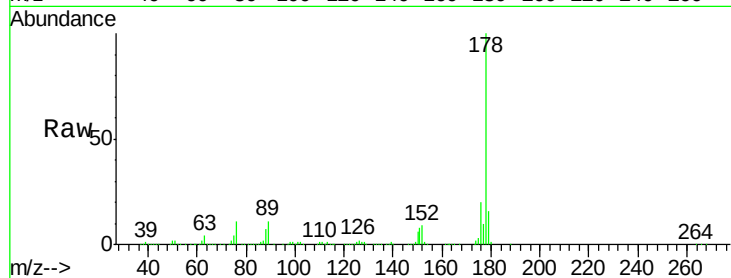




#71
 Anthracene
 Concen: 35.798 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

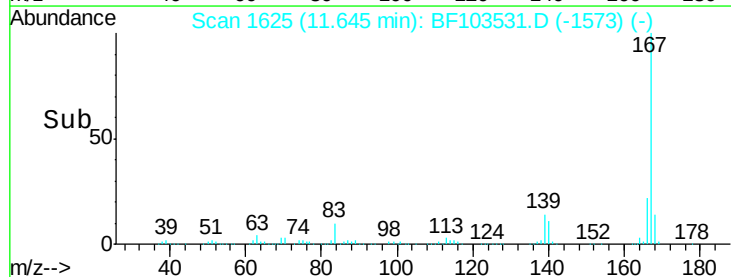
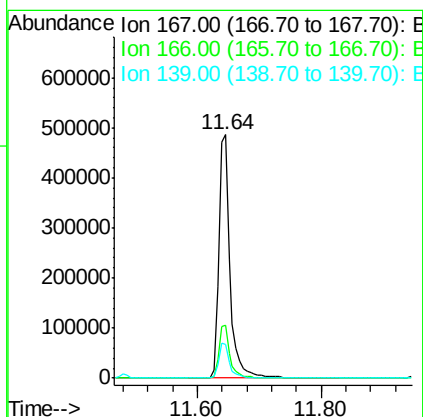
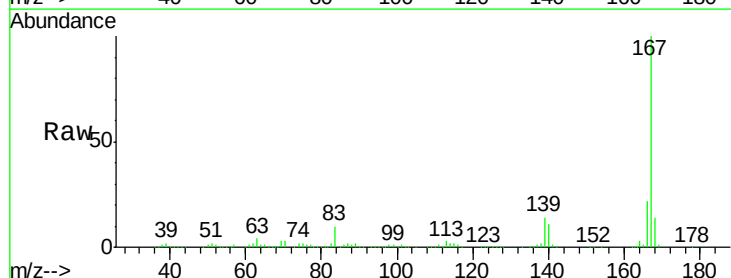
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

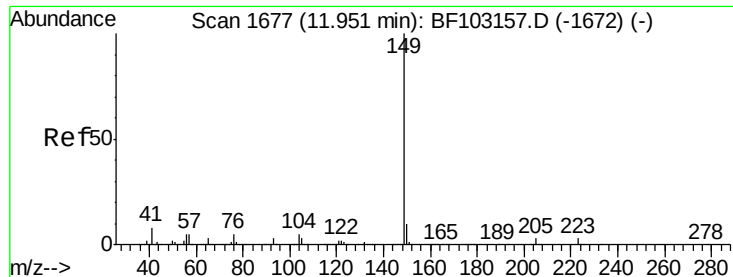
Tot Ion:178 Resp: 602333
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 35.720 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:167 Resp: 598501
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.022 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

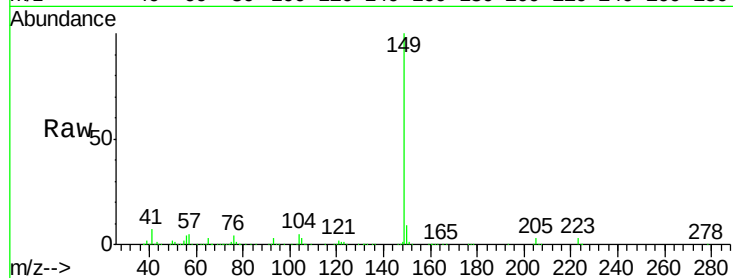
Tot Ion:149 Resp: 776203

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

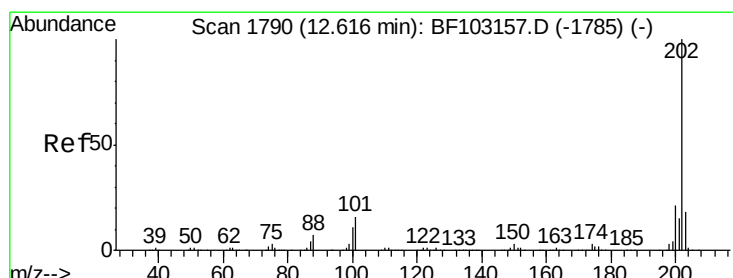
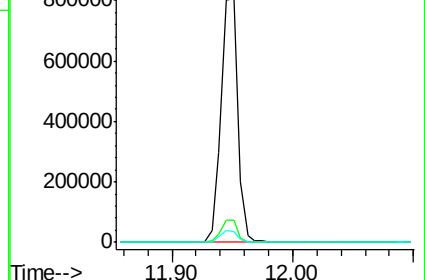
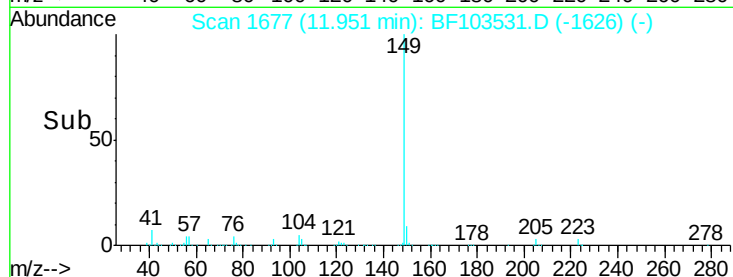
104 4.6 3.8 5.8



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: 35.809 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

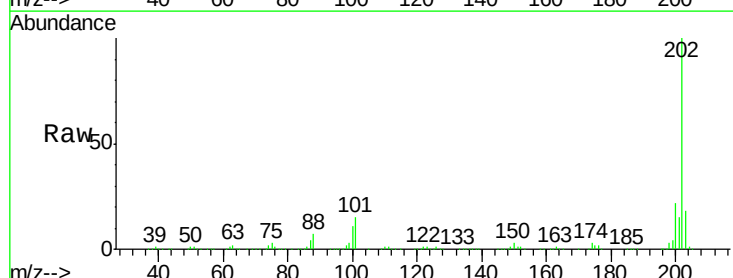
Tgt Ion:202 Resp: 590431

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

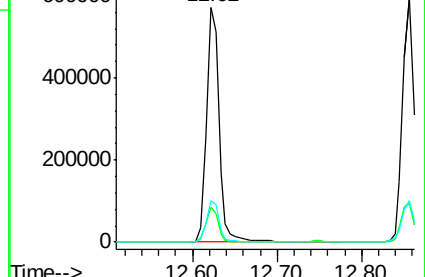
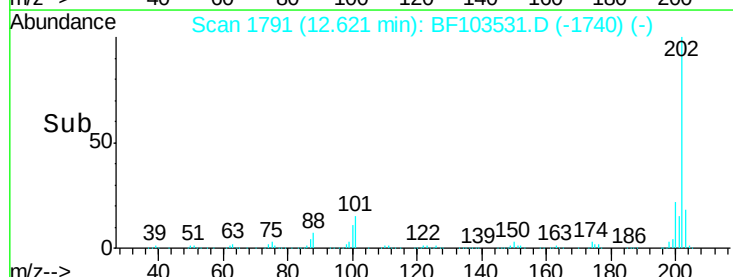
203 17.7 0.0 38.1

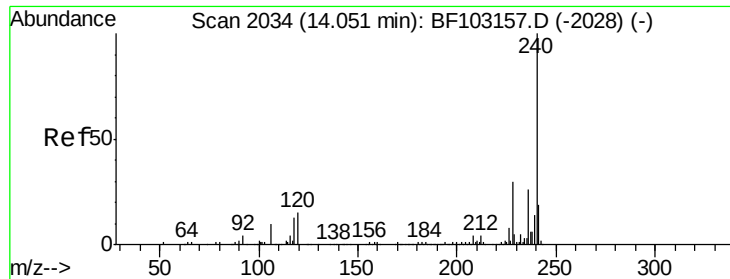


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

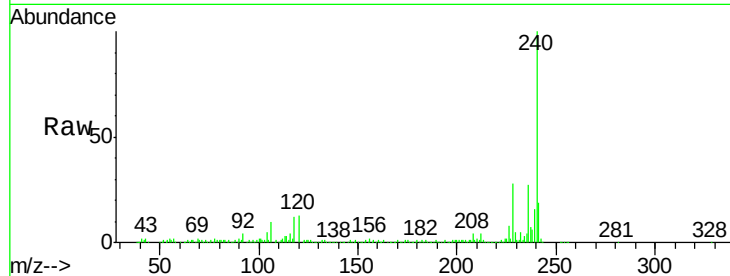
Tot Ion:240 Resp: 207794

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

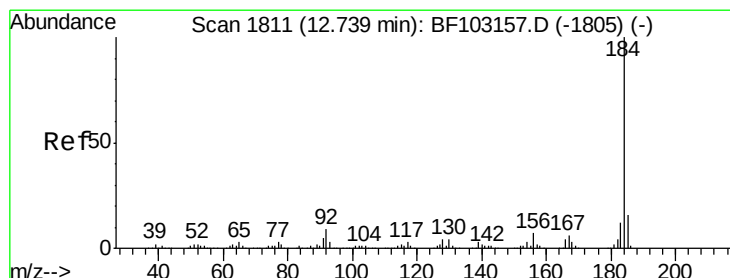
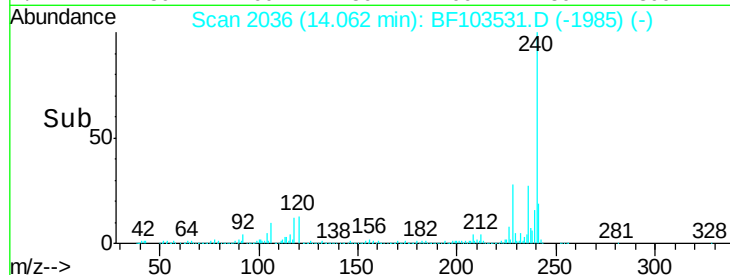
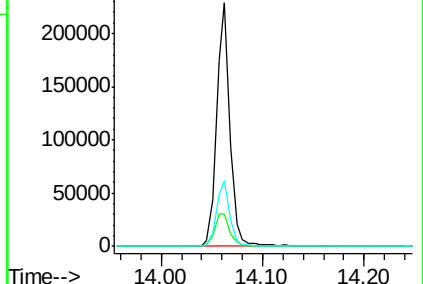
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 65.490 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

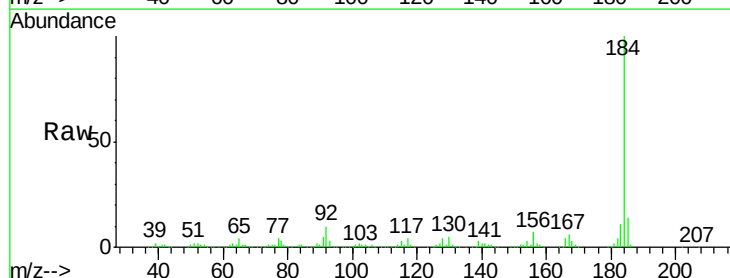
Tgt Ion:184 Resp: 508755

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

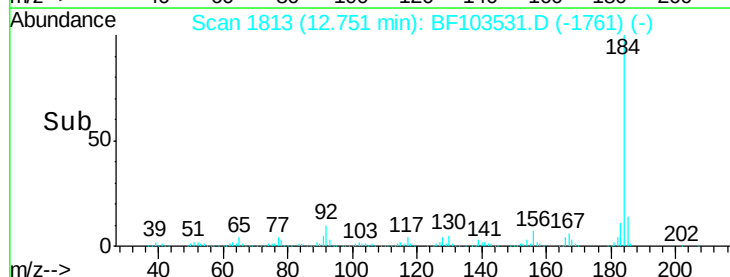
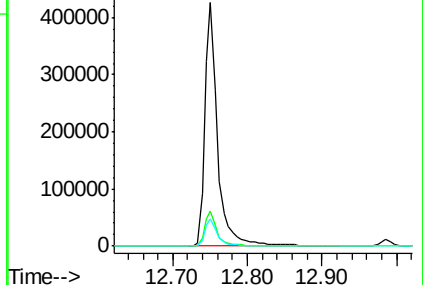
183 11.3 9.3 13.9

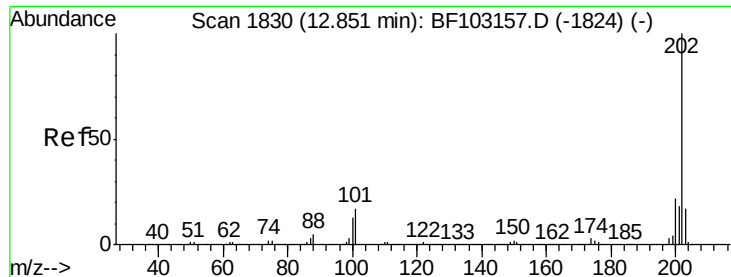


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

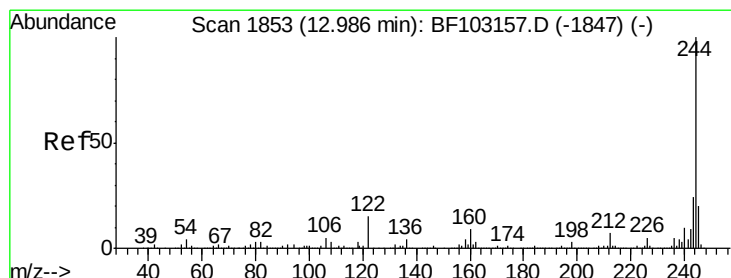
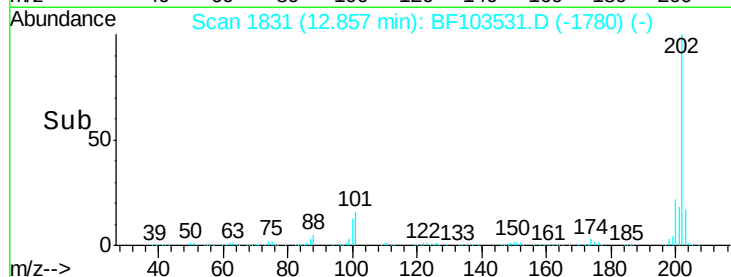
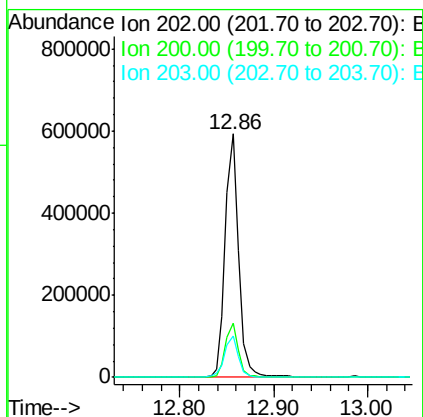
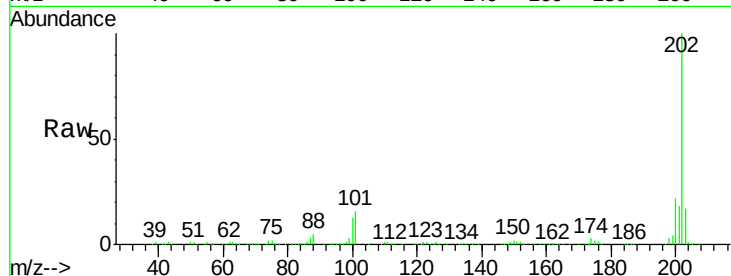




#77
Pvrene
Concen: 36.488 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

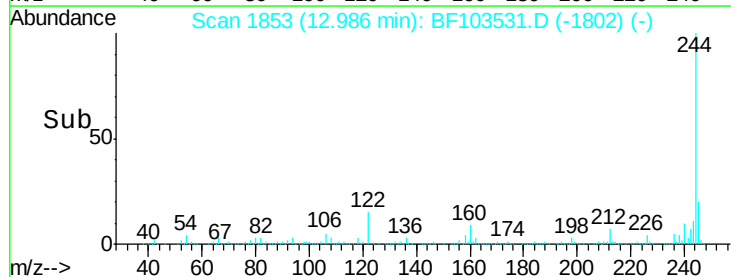
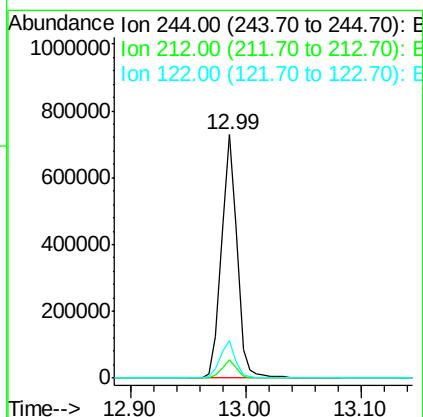
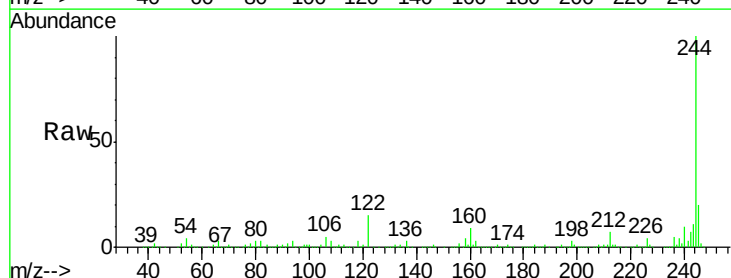
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

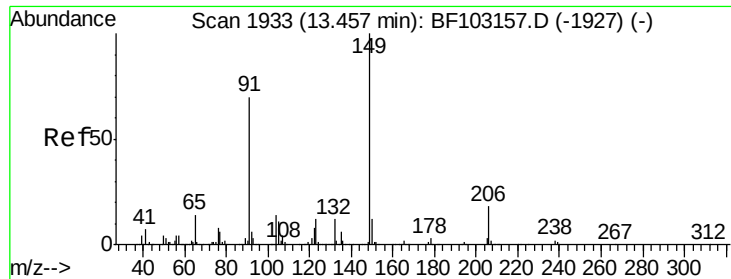
Tot Ion:202 Resp: 591143
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 79.312 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:244 Resp: 685582
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 15.2 11.0 16.4

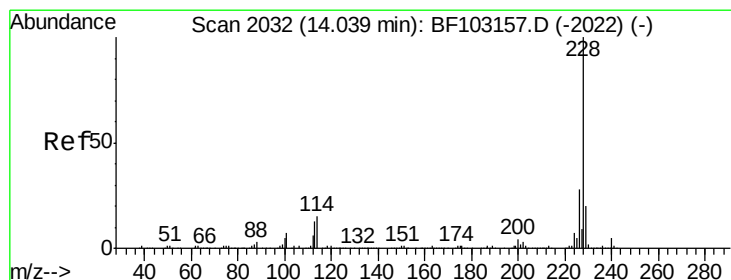
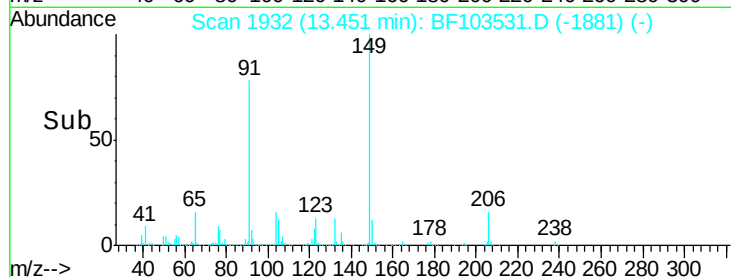
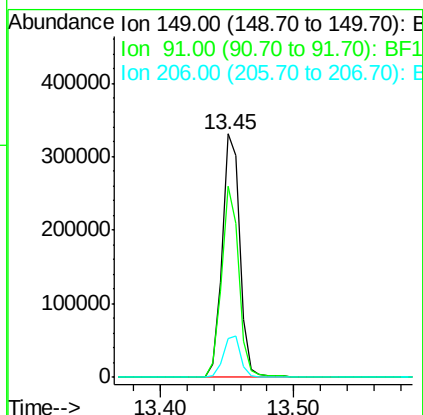
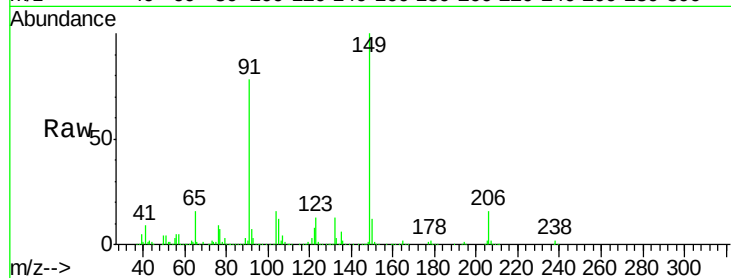




#79
Butylbenzylphthalate
Concen: 36.524 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

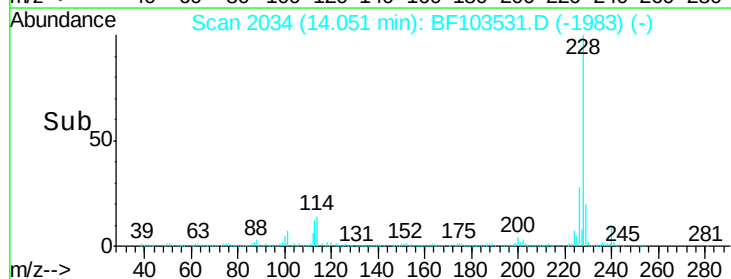
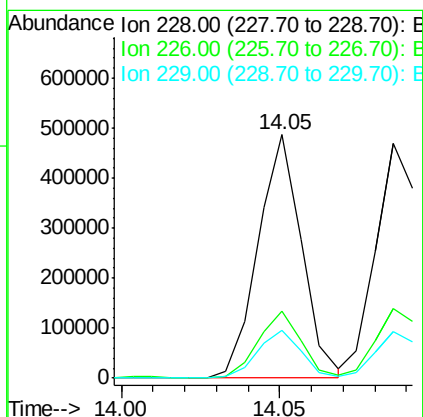
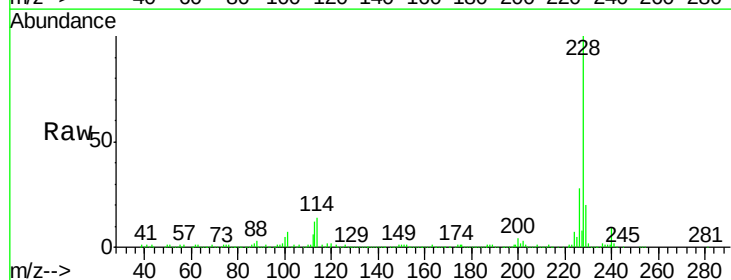
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

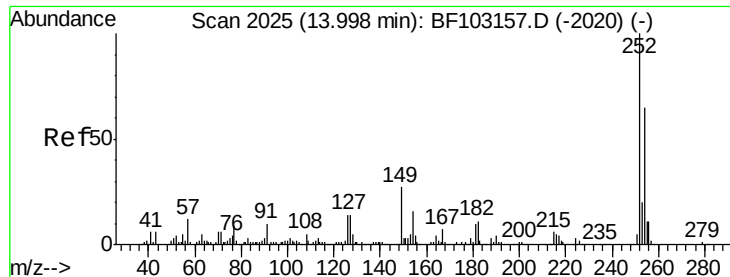
Tot Ion:149 Resp: 312630
Ion Ratio Lower Upper
149 100
91 78.3 56.8 85.2
206 15.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.468 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:228 Resp: 464715
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

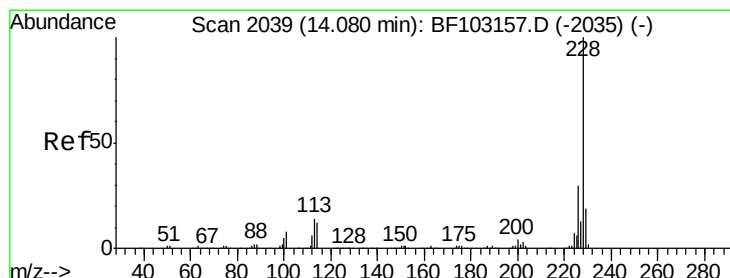
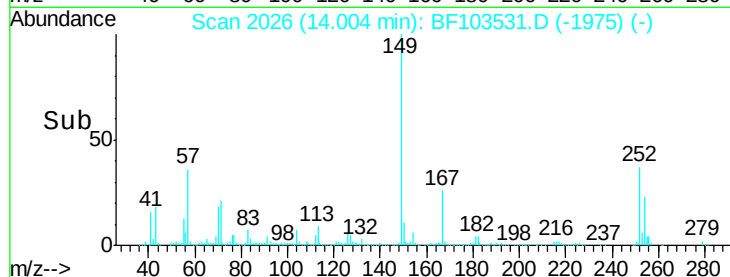
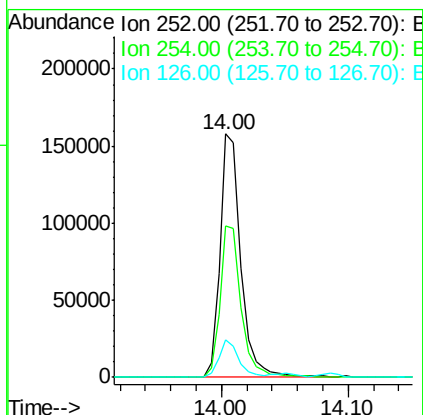
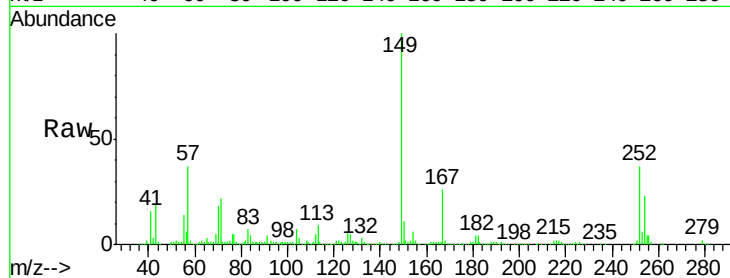




#81
 3,3'-Dichlorobenzidine
 Concen: 37.673 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

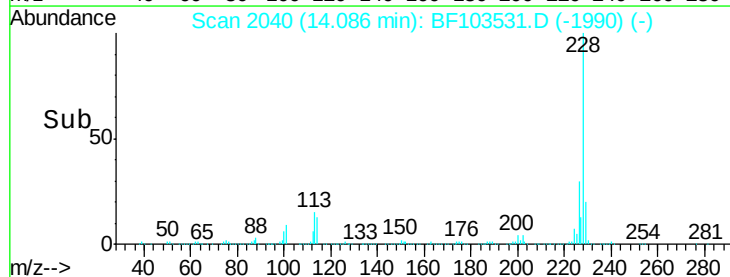
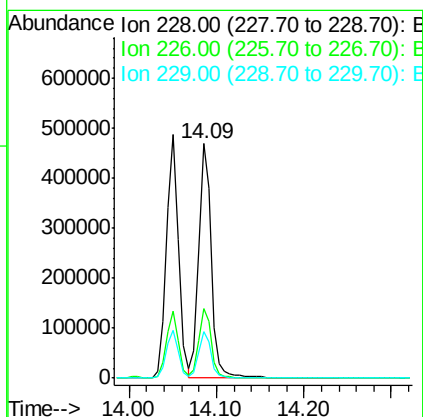
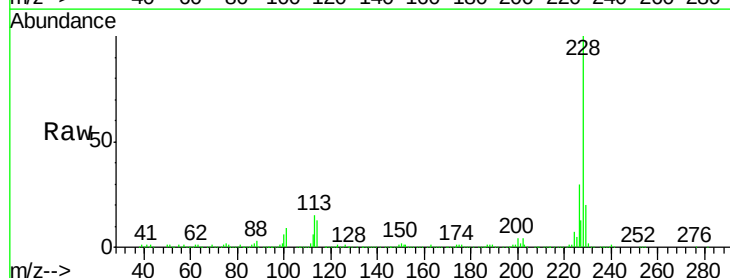
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

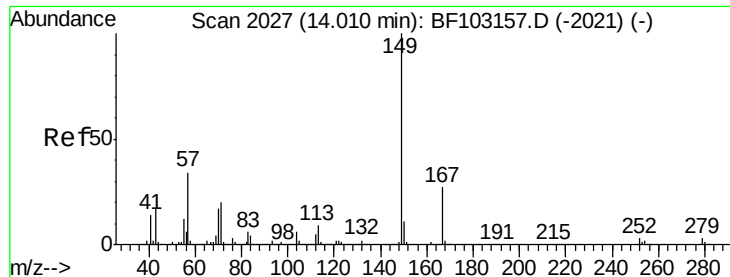
Tot Ion:252 Resp: 181268
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 15.4 11.3 16.9



#82
 Chrysene
 Concen: 36.139 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:228 Resp: 473105
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 20.0 16.2 24.4

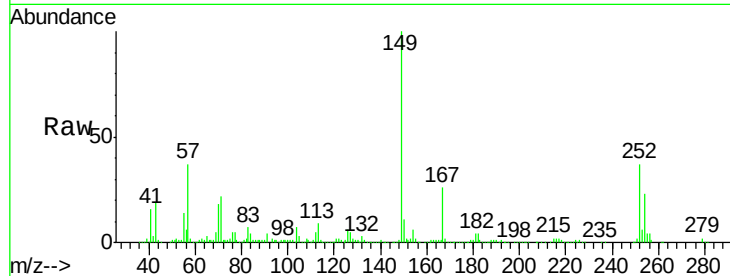




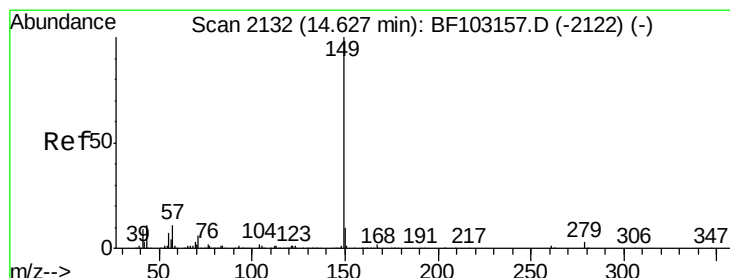
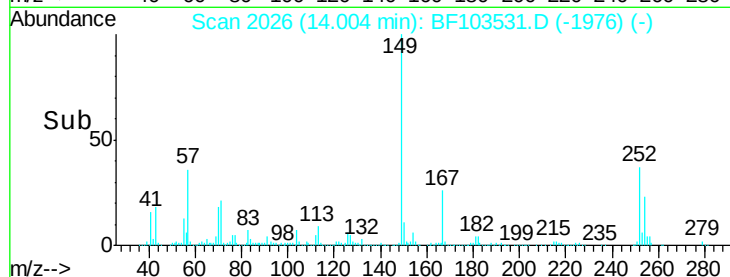
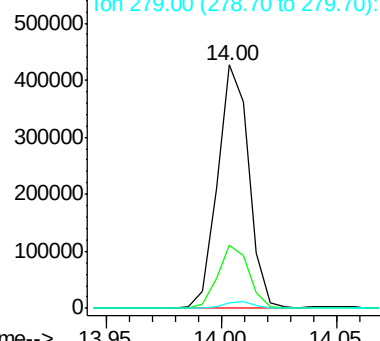
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.791 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion:149 Resp: 401864
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.5 3.0 4.4#

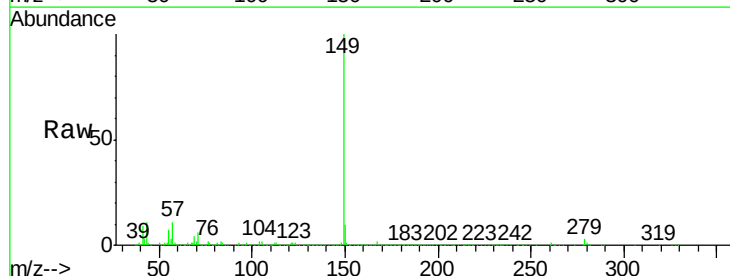


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

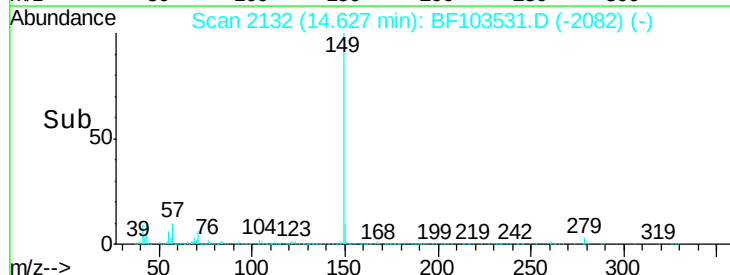
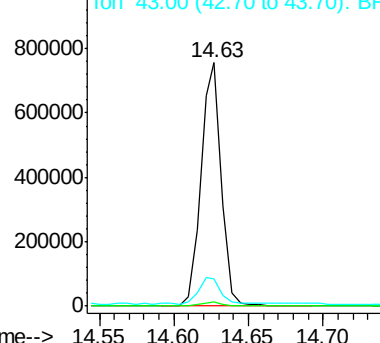


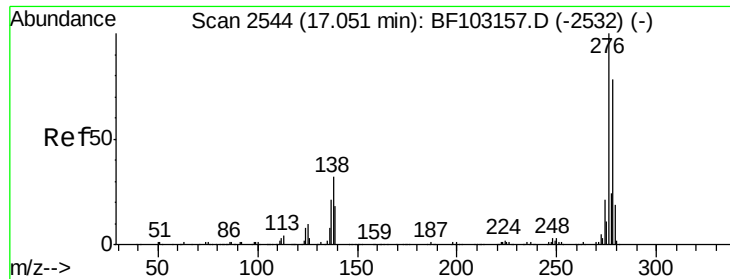
#84
 Di-n-octyl phthalate
 Concen: 38.568 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Tgt Ion:149 Resp: 719783
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.8 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: 32.972 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E0-E0a-F0-F0aMS

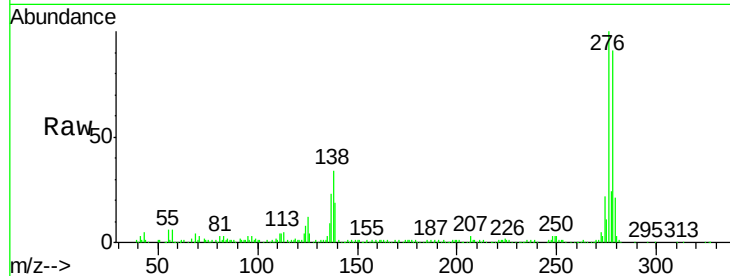
Tot Ion:276 Resp: 341717

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

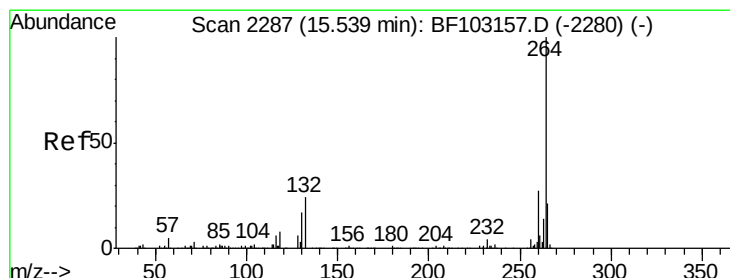
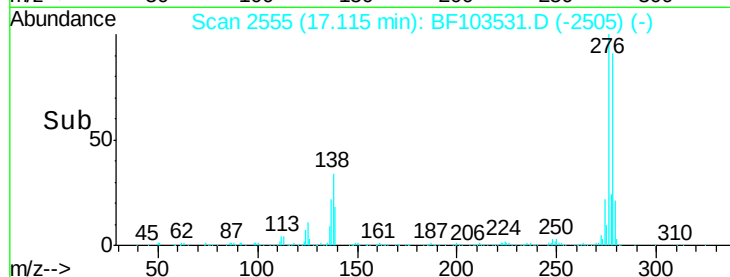
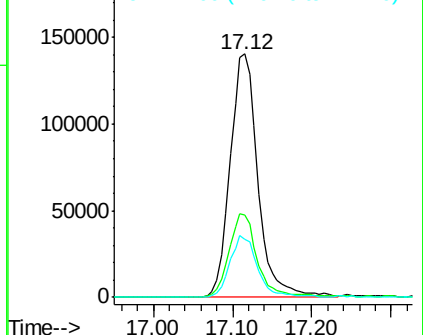
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103531.D

Acq: 8 Mar 2018 21:48

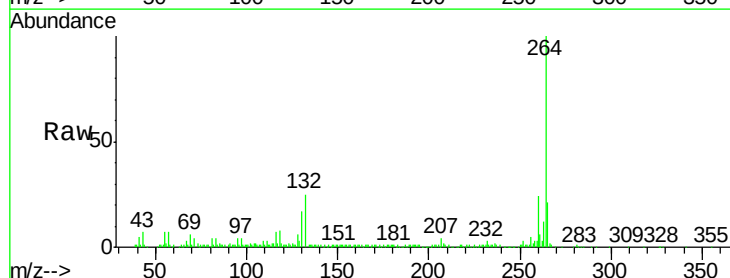
Tgt Ion:264 Resp: 172172

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

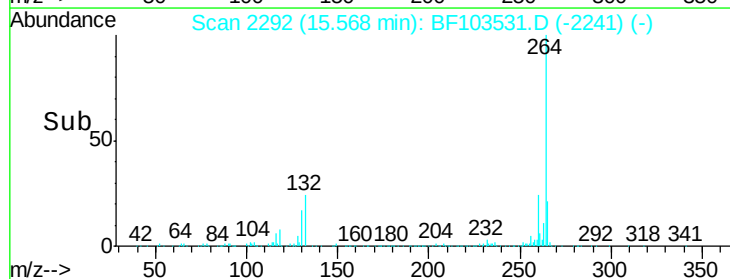
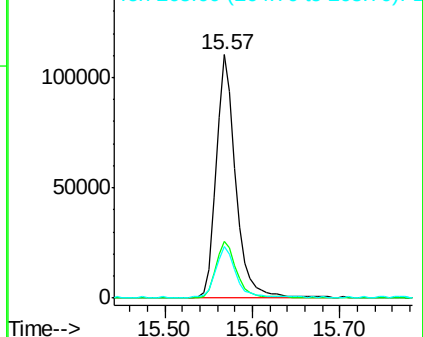
265 21.1 17.5 26.3

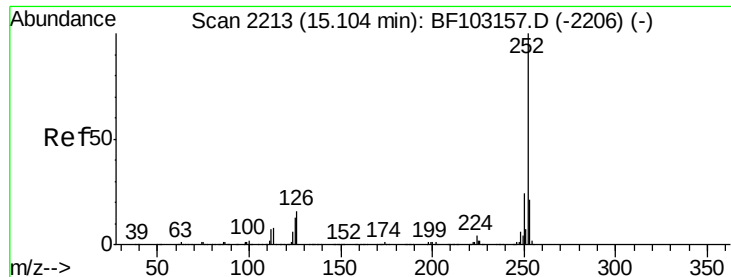


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

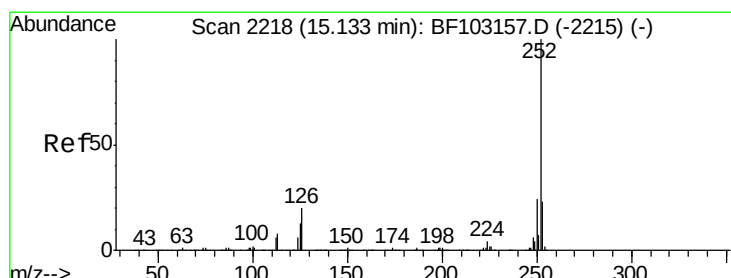
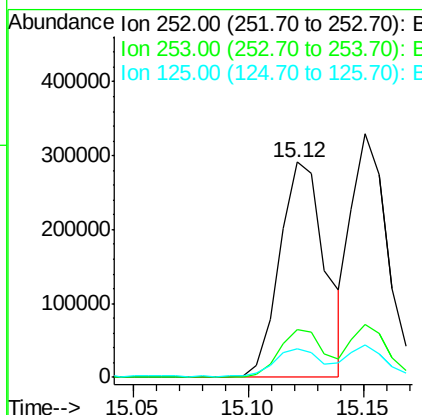
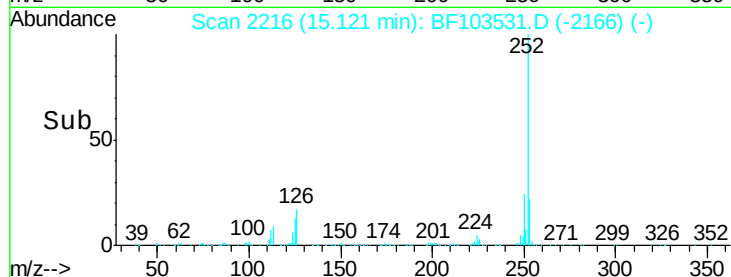
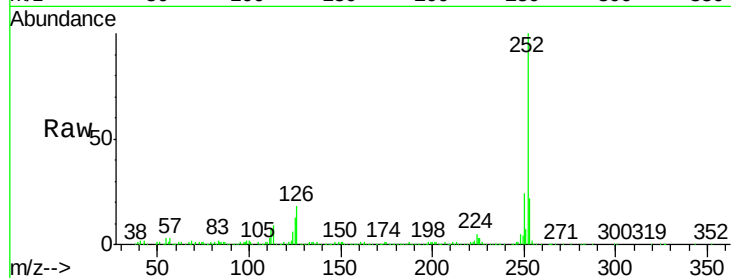




#87
Benzo(b)fluoranthene
Concen: 35.169 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

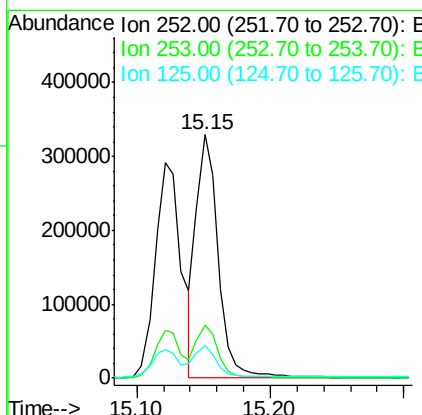
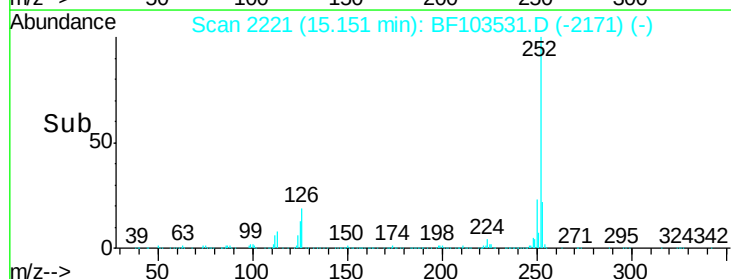
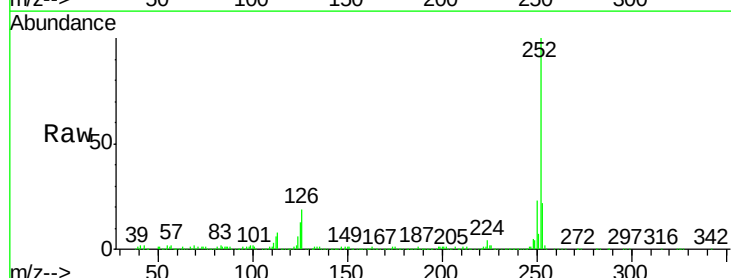
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

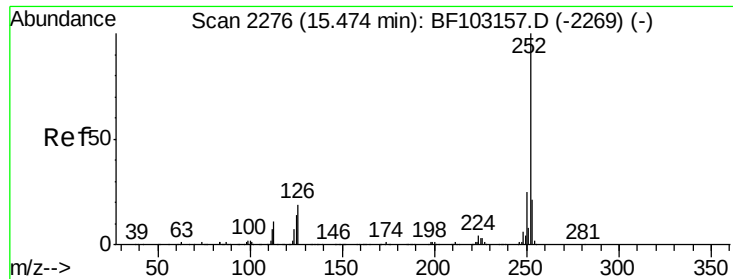
Tot Ion:252 Resp: 398121
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.693 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:252 Resp: 369823
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.4 10.2 15.2

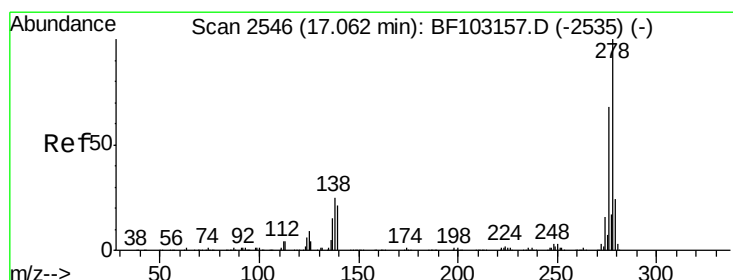
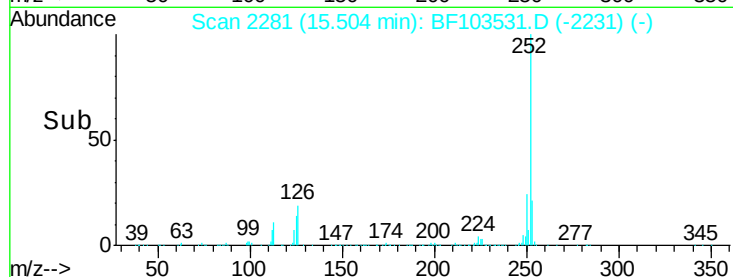
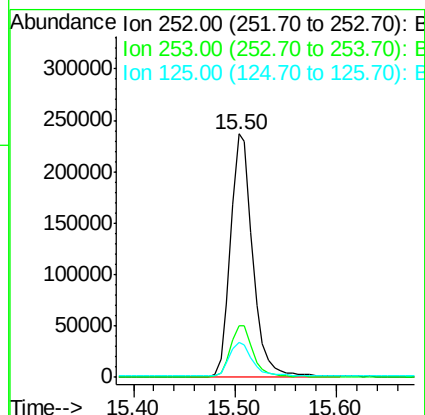
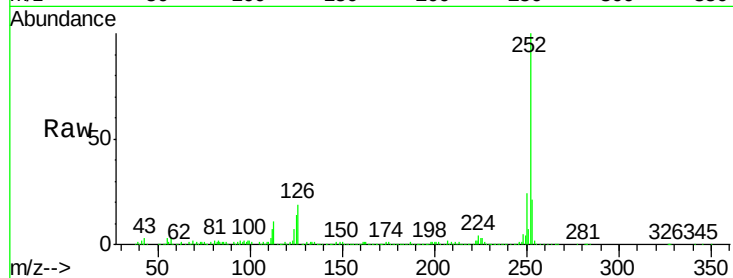




#89
Benzo(a)pyrene
Concen: 35.976 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

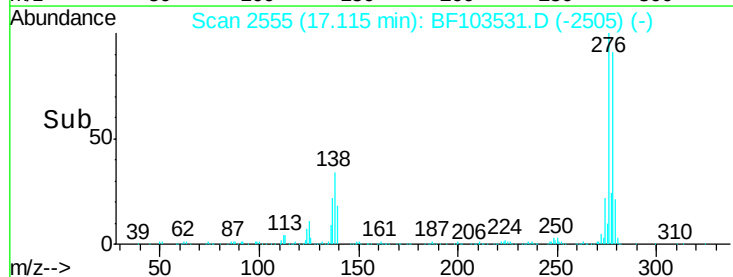
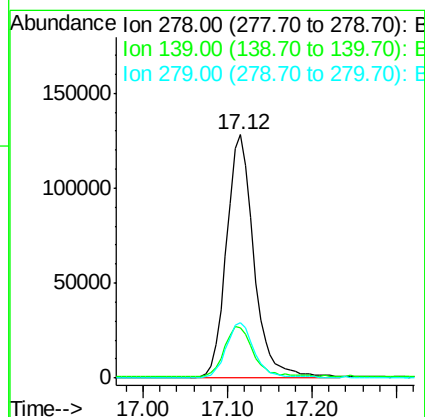
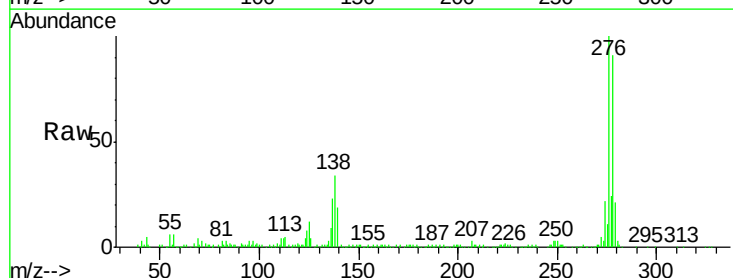
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E0-E0a-F0-F0aMS

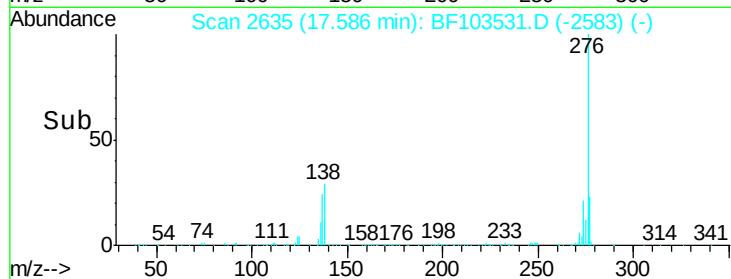
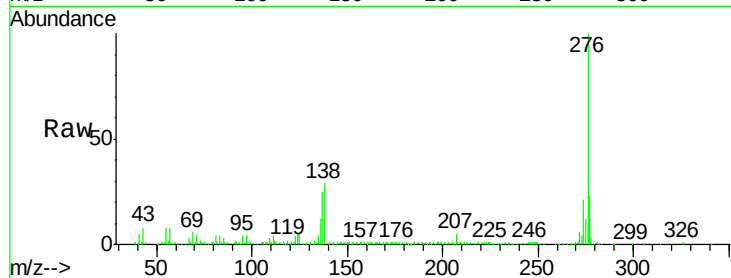
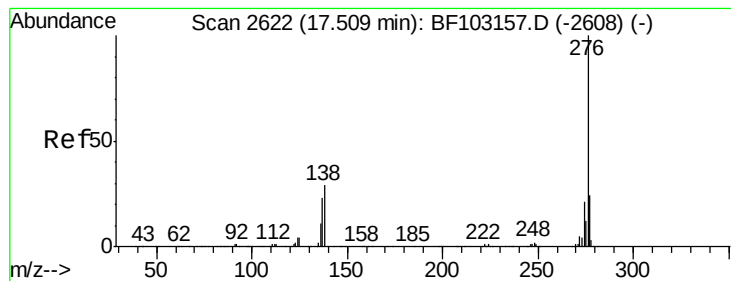
Tot Ion:252 Resp: 363677
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.984 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103531.D
Acq: 8 Mar 2018 21:48

Tgt Ion:278 Resp: 288896
Ion Ratio Lower Upper
278 100
139 20.9 15.9 23.9
279 22.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.088 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF103531.D
 Acq: 8 Mar 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E0-E0a-F0-F0aMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	29.1	21.8	32.8

