

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103434.D
 Acq On : 6 Mar 2018 2:39
 Operator : SJ/JU
 Sample : J1722-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 05:58:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120223	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487687	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	192327	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291664	20.00	ng	0.00
75) Chrysene-d12	14.07	240	156941	20.00	ng	0.00
86) Perylene-d12	15.59	264	122202	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1062602	133.68	ng	0.00
7) Phenol-d6	6.53	99	1180097	121.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	748334	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	154060	94.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	987191	89.53	ng	0.00
78) Terphenyl-d14	13.00	244	709701	108.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	156404	37.254	ng	94
3) Pyridine	3.48	79	413279	36.872	ng	98
4) n-Nitrosodimethylamine	3.41	42	235703	52.143	ng	91
6) Aniline	6.55	93	371854	26.489	ng	# 50
8) 2-Chlorophenol	6.67	128	364256	44.111	ng	94
9) Benzaldehyde	6.43	77	170905	26.169	ng	99
10) Phenol	6.54	94	500894	44.359	ng	# 72
11) bis(2-Chloroethyl)ether	6.61	93	403290	47.057	ng	92
12) 1,3-Dichlorobenzene	6.82	146	380558	40.327	ng	97
13) 1,4-Dichlorobenzene	6.89	146	390844	41.311	ng	99
14) 1,2-Dichlorobenzene	7.05	146	346333	39.699	ng	99
15) Benzyl Alcohol	7.02	79	284854	38.863	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	577401	39.234	ng	53
17) 2-Methylphenol	7.14	107	304863	40.625	ng	# 85
18) Hexachloroethane	7.38	117	74502	21.631	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	262606	43.380	ng	95
20) 3+4-Methylphenols	7.30	107	406134	44.397	ng	# 87
22) Acetophenone	7.29	105	503491	44.230	ng	# 91
24) Nitrobenzene	7.46	77	411028	43.716	ng	95
25) Isophorone	7.70	82	755955	44.947	ng	97
26) 2-Nitrophenol	7.77	139	119012	26.888	ng	# 90
27) 2,4-Dimethylphenol	7.82	122	332143	49.093	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	462980	46.820	ng	97
29) 2,4-Dichlorophenol	8.03	162	297575	45.940	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	275502	39.941	ng	97
31) Naphthalene	8.18	128	1002479	41.987	ng	100
32) Benzoic acid	7.82	122	332143	63.555	ng	# 15
33) 4-Chloroaniline	8.24	127	291820	28.323	ng	98
34) Hexachlorobutadiene	8.29	225	136384	37.969	ng	99
35) Caprolactam	8.60	113	93552	41.094	ng	# 79
36) 4-Chloro-3-methylphenol	8.73	107	312262	42.740	ng	99
37) 2-Methylnaphthalene	8.87	142	621250	40.261	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	223870	42.578	ng	98
42) 2,4,6-Trichlorophenol	9.16	196	150181	42.450	ng	99

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

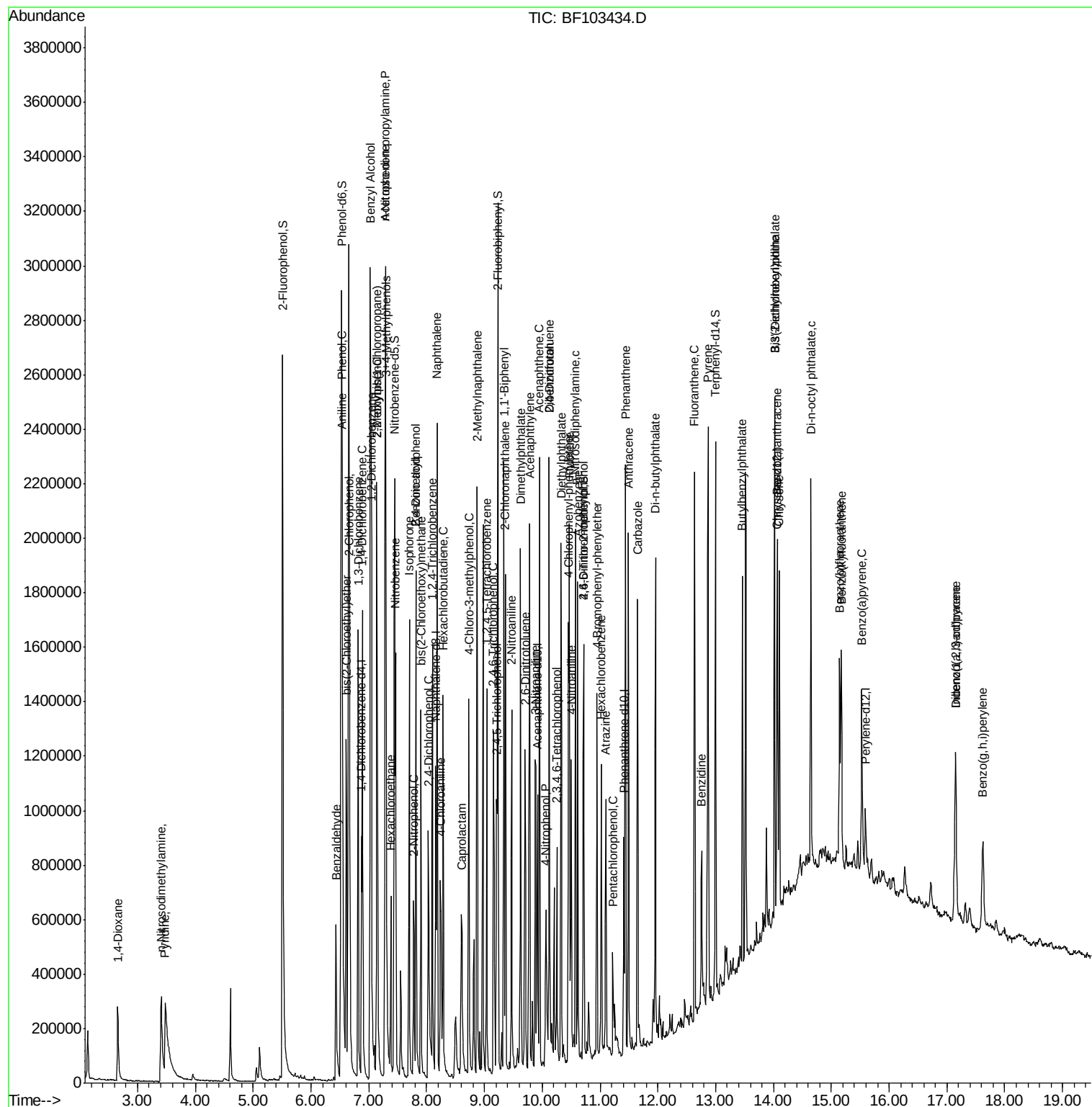
43) 2,4,5-Trichlorophenol	9.21	196	155969	38.330	nq	95
45) 1,1'-Biphenyl	9.33	154	680151	42.203	nq	98
46) 2-Chloronaphthalene	9.36	162	531941	41.721	nq	99
47) 2-Nitroaniline	9.47	65	247752	52.458	nq	83
48) Acenaphthylene	9.78	152	796029	40.578	nq	99
49) Dimethylphthalate	9.63	163	685104	44.404	nq	99
50) 2,6-Dinitrotoluene	9.70	165	103008	31.814	nq	# 73
51) Acenaphthene	9.95	154	460701	40.275	nq	99
52) 3-Nitroaniline	9.89	138	187199	45.571	nq	99
54) Dibenzofuran	10.12	168	659717	42.013	nq	95
55) 4-Nitrophenol	10.06	139	117998	46.348	nq	# 86
56) 2,4-Dinitrotoluene	10.12	165	102630	25.063	nq	# 62
57) Fluorene	10.47	166	508065	37.981	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	86549	31.663	nq	# 91
59) Diethylphthalate	10.33	149	597843	40.514	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	229185	40.402	nq	96
61) 4-Nitroaniline	10.50	138	195172	47.568	nq	99
62) Azobenzene	10.62	77	588285	39.166	nq	95
64) 4,6-Dinitro-2-methylphenol	10.72	198	445	5.170	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	451096	44.420	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	126307	41.572	nq	99
67) Hexachlorobenzene	11.02	284	125654	38.103	nq	96
68) Atrazine	11.10	200	94571	30.983	nq	99
69) Pentachlorophenol	11.23	266	45442	28.499	nq	95
70) Phenanthrene	11.44	178	800660	49.882	nq	98
71) Anthracene	11.49	178	718475	43.651	nq	100
72) Carbazole	11.65	167	679280	41.443	nq	99
73) Di-n-butylphthalate	11.96	149	861787	42.018	nq	99
74) Fluoranthene	12.64	202	886610	54.968	nq	99
76) Benzidine	12.76	184	244499	41.672	nq	97
77) Pyrene	12.87	202	894352	73.091	nq	99
79) Butylbenzylphthalate	13.46	149	337991	52.282	nq	93
80) Benzo(a)anthracene	14.06	228	551091	54.119	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	142852	39.309	nq	100
82) Chrysene	14.10	228	508189	51.398	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	424474	48.656	nq	99
84) Di-n-octyl phthalate	14.64	149	647072	45.907	nq	96
85) Indeno(1,2,3-cd)pyrene	17.15	276	356863	45.590	nq	98
87) Benzo(b)fluoranthene	15.14	252	430400	53.568	nq	97
88) Benzo(k)fluoranthene	15.17	252	377023	49.832	nq	99
89) Benzo(a)pyrene	15.53	252	378125	52.701	nq	# 95
90) Dibenzo(a,h)anthracene	17.15	278	266605	48.087	nq	97
91) Benzo(g,h,i)perylene	17.62	276	297826	54.964	nq	97

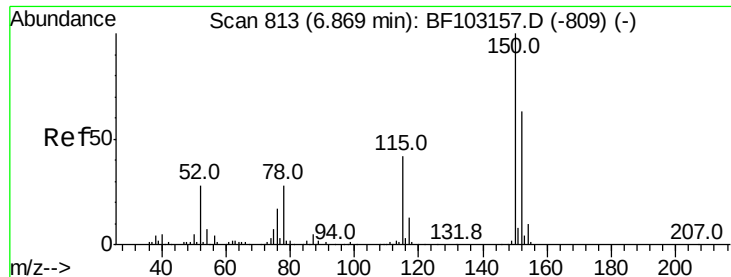
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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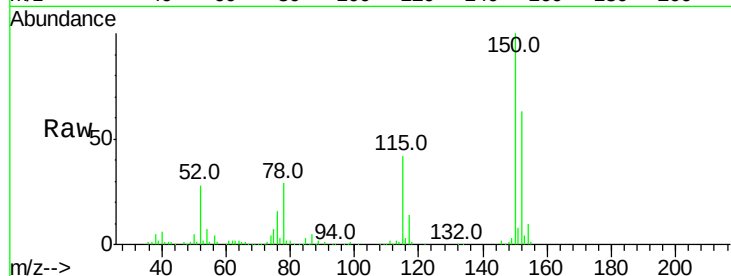


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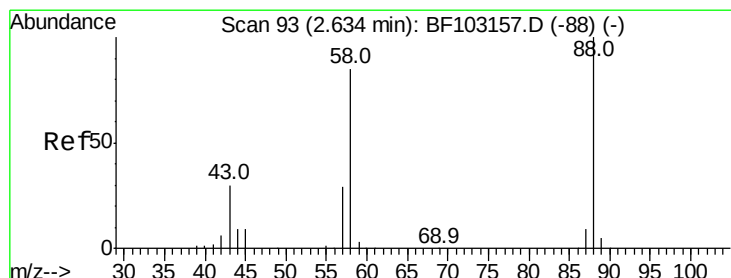
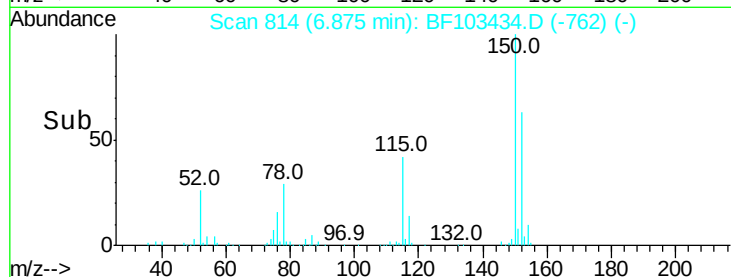
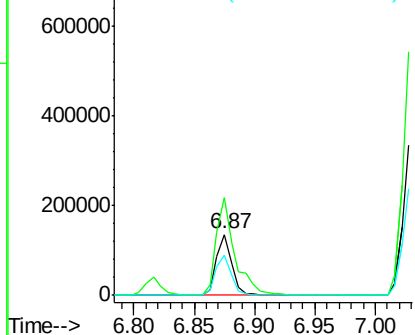
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120223
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 66.6 50.1 75.1



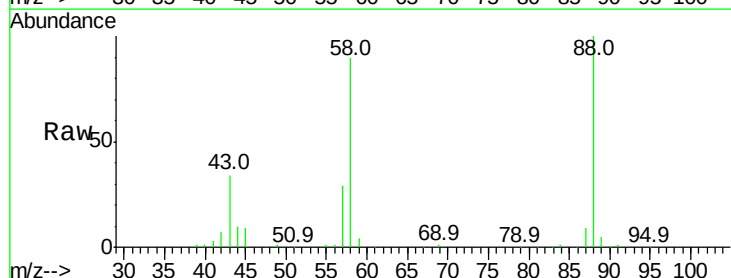
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



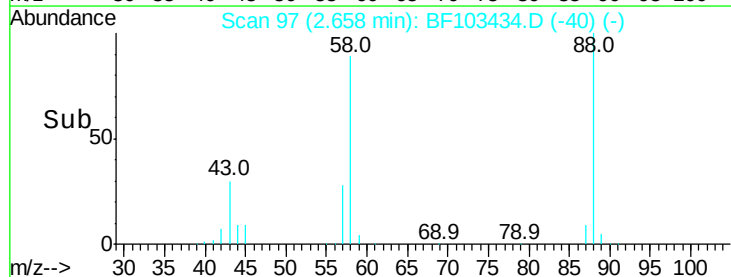
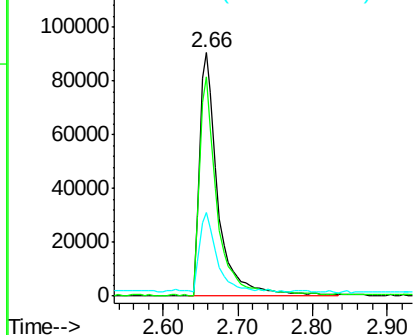
#2

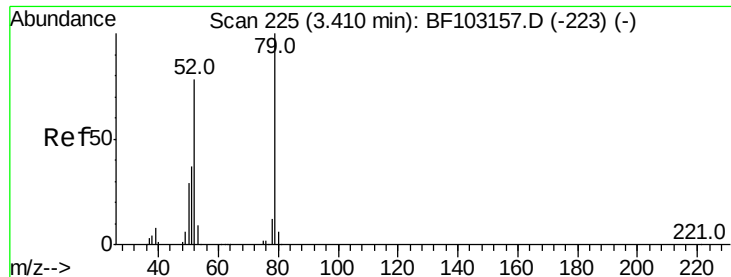
1,4-Dioxane
Concen: 37.254 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.04 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion: 88 Resp: 156404
Ion Ratio Lower Upper
88 100
58 85.0 62.6 93.8
43 29.5 24.6 37.0



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





#3

Pvridine

Concen: 36.872 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

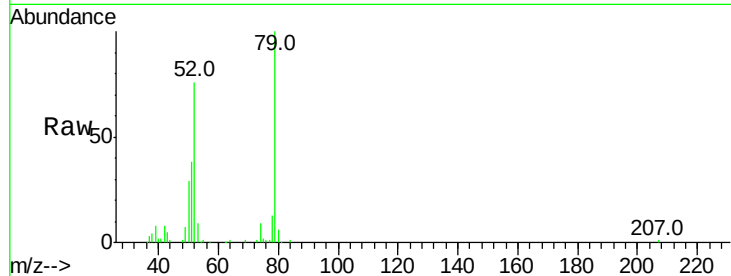
Tot Ion: 79 Resp: 413279

Ion Ratio Lower Upper

79 100

52 76.4 59.8 89.6

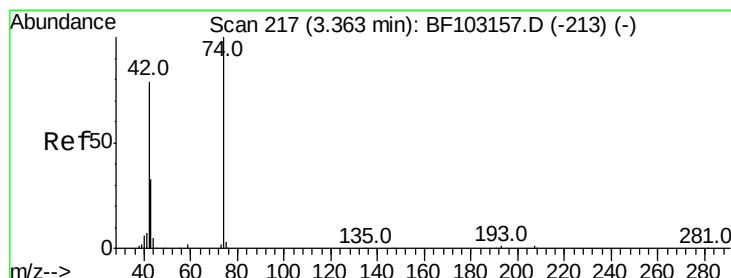
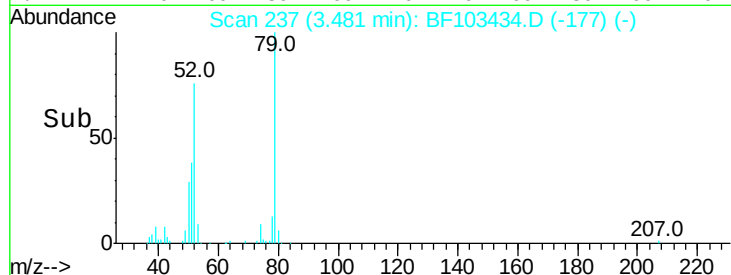
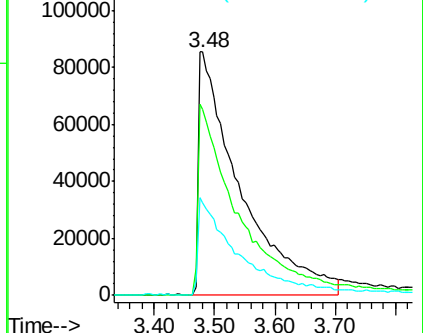
51 38.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 52.143 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.04 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

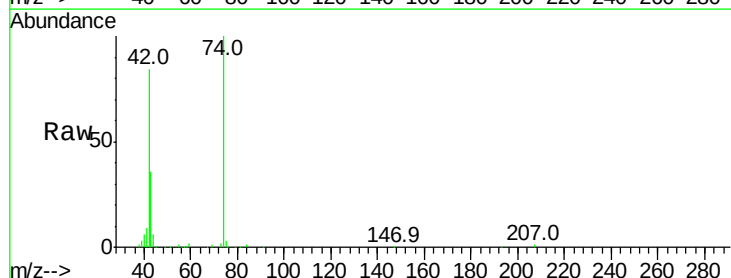
Tgt Ion: 42 Resp: 235703

Ion Ratio Lower Upper

42 100

74 119.6 104.9 157.3

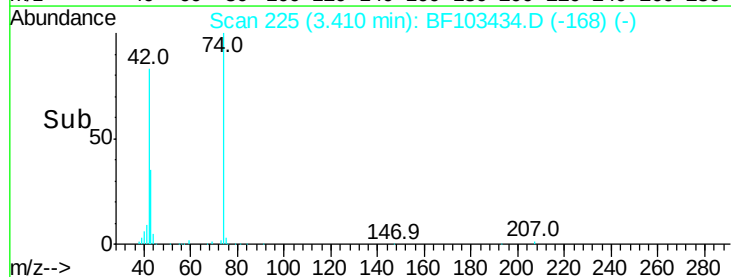
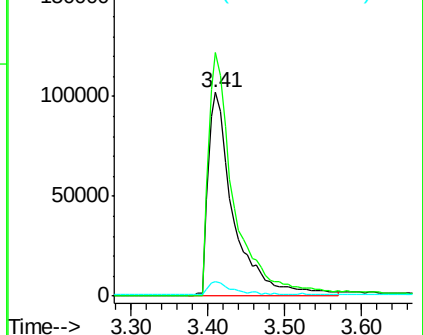
44 7.1 6.9 10.3

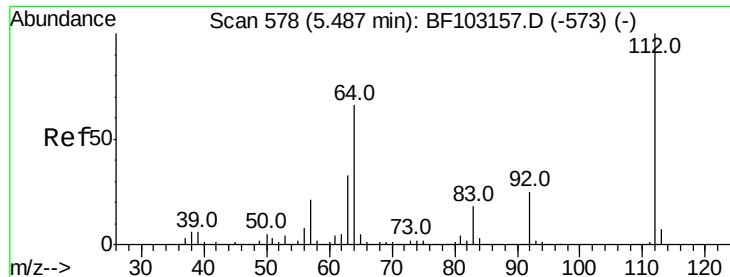


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.677 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

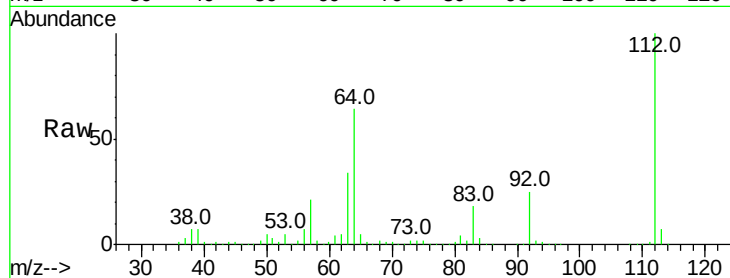
Tot Ion:112 Resp: 1062602

Ion Ratio Lower Upper

112 100

64 64.2 47.9 71.9

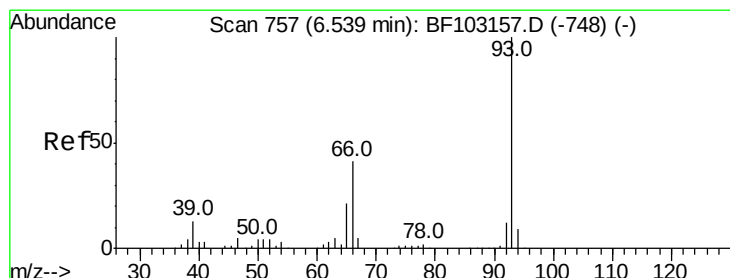
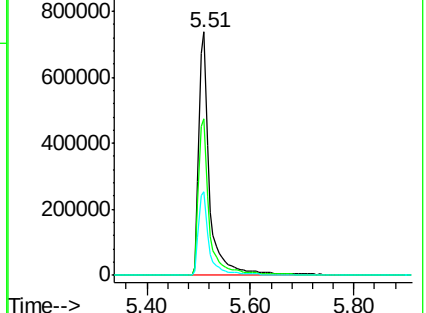
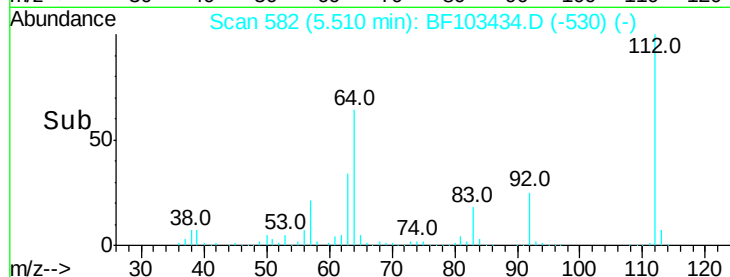
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.489 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

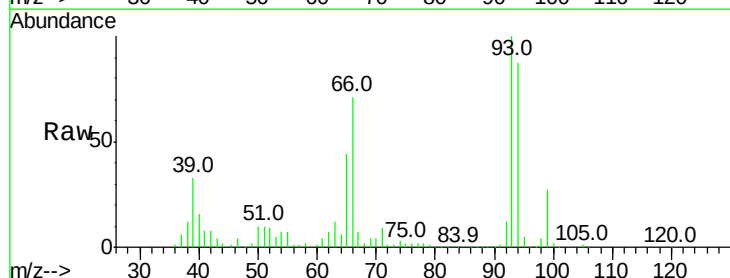
Tgt Ion: 93 Resp: 371854

Ion Ratio Lower Upper

93 100

66 70.9 32.2 48.2#

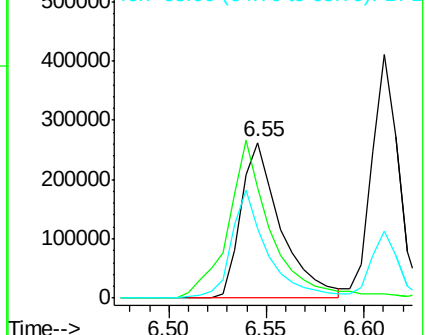
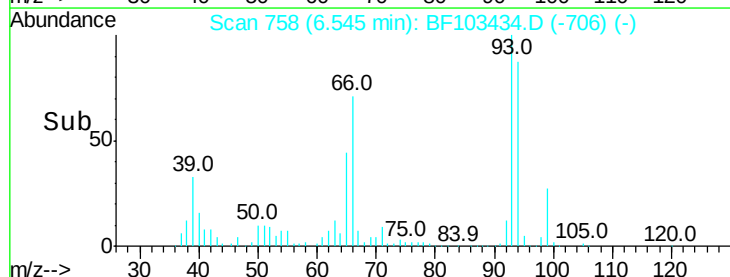
65 44.3 16.4 24.6#

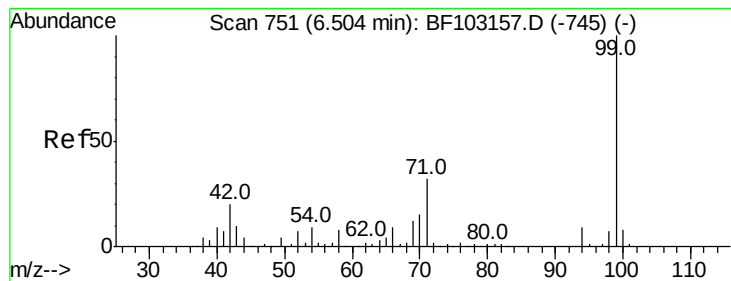


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.324 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

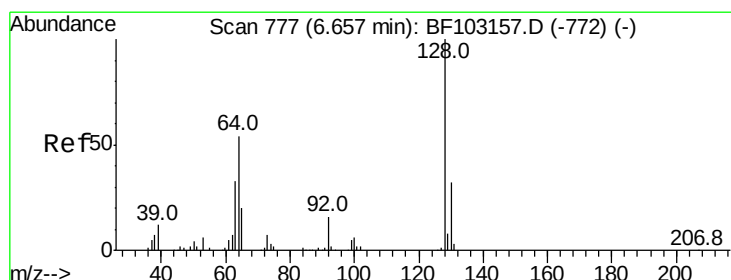
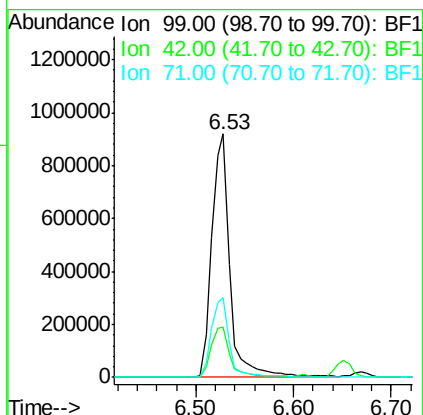
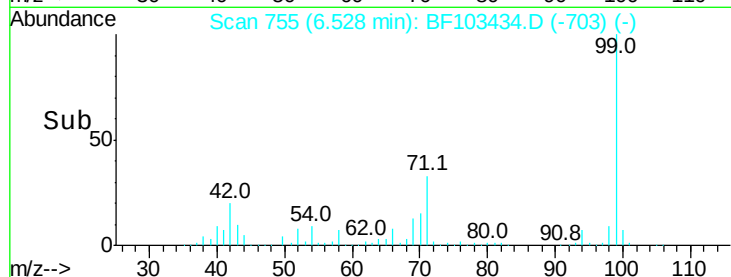
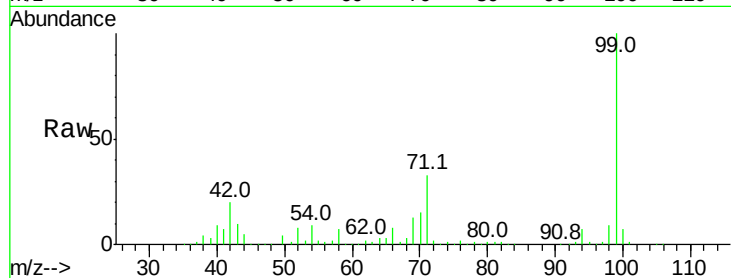
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1180097

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	32.8	25.4	38.0



#8

2-Chlorophenol

Concen: 44.111 ng

RT: 6.67 min Scan# 779

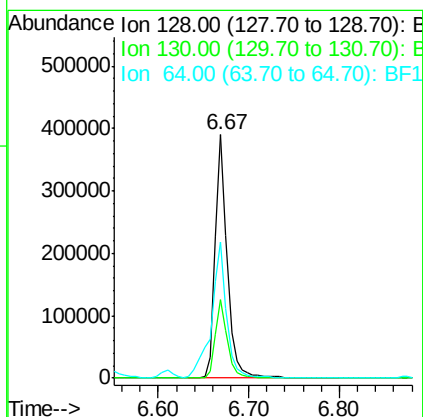
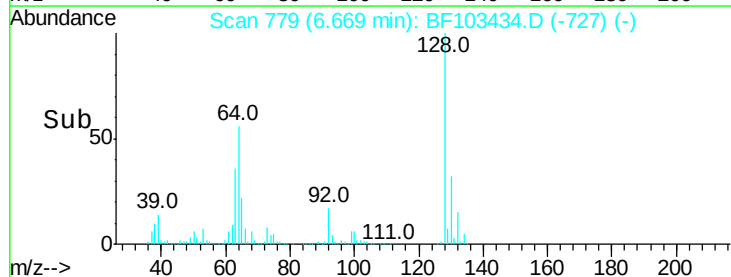
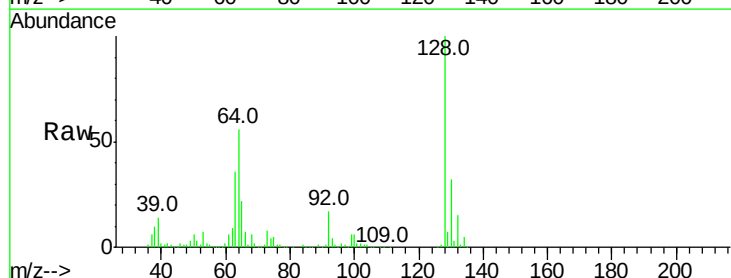
Delta R.T. 0.01 min

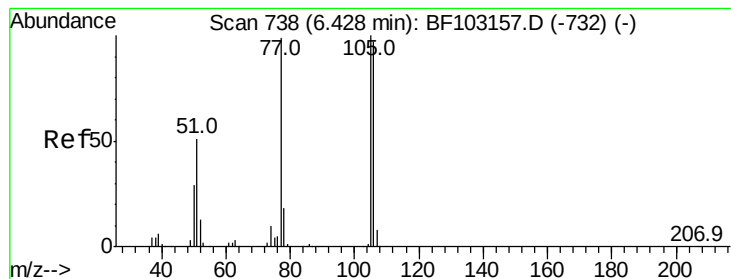
Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion: 128 Resp: 364256

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	56.1	29.4	69.4





#9

Benzaldehyde

Concen: 26.169 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

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ClientSampleId :

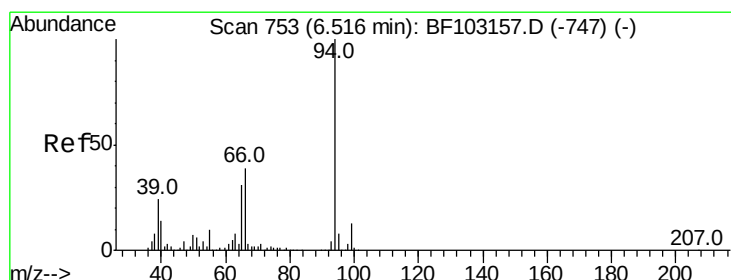
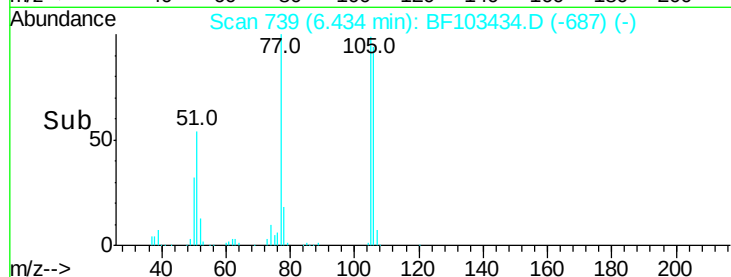
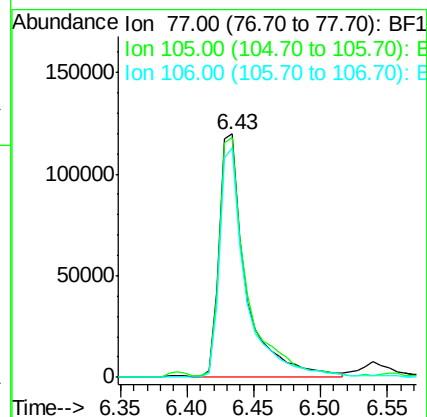
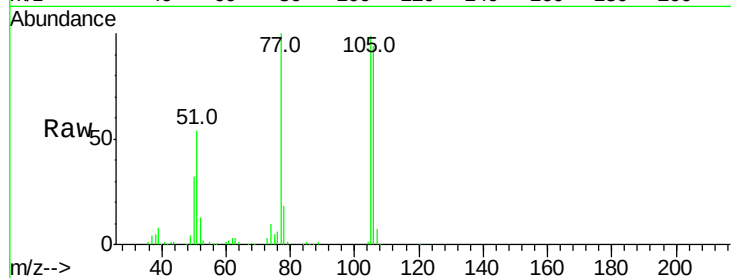
Tot Ion: 77 Resp: 170905

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

106 94.1 74.5 114.5



#10

Phenol

Concen: 44.359 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

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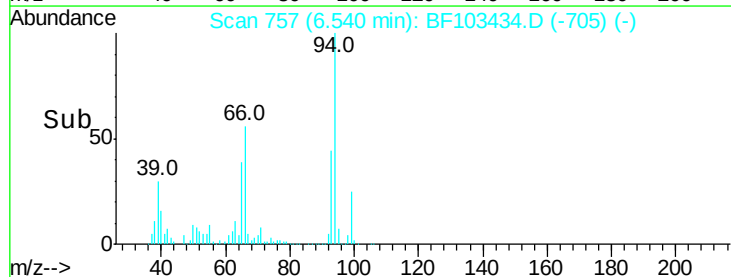
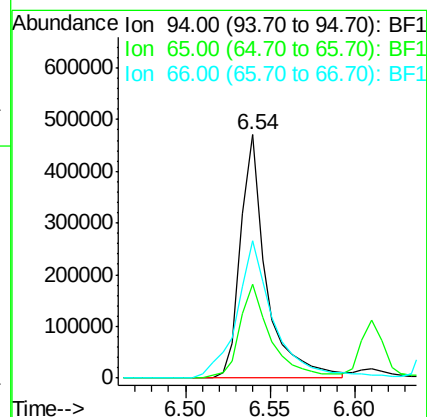
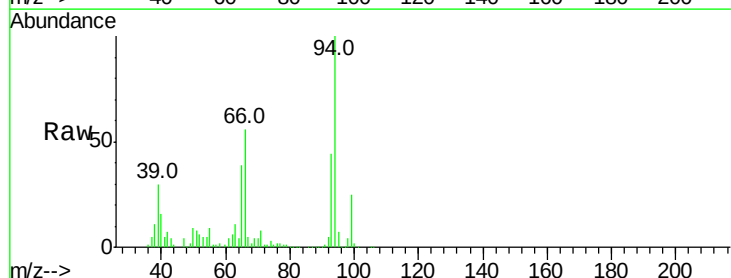
Tgt Ion: 94 Resp: 500894

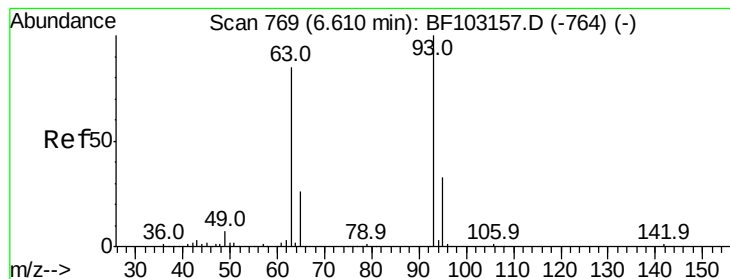
Ion Ratio Lower Upper

94 100

65 38.6 7.9 47.9

66 56.3 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 47.057 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

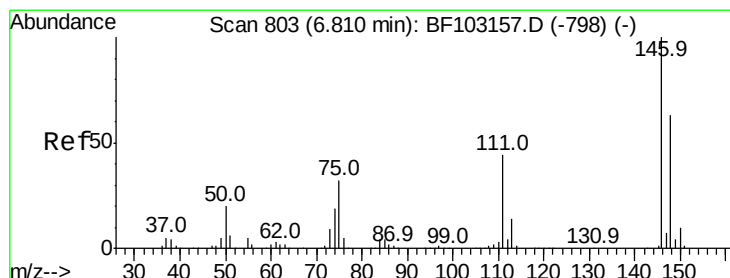
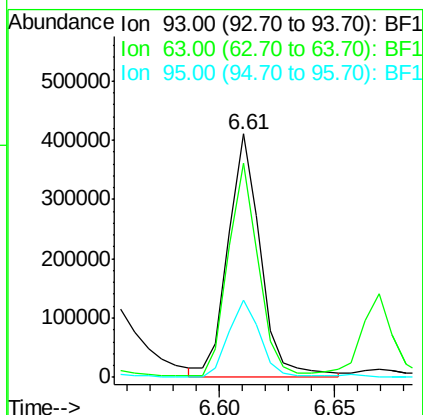
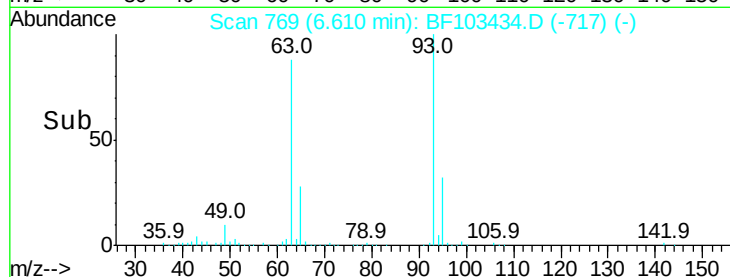
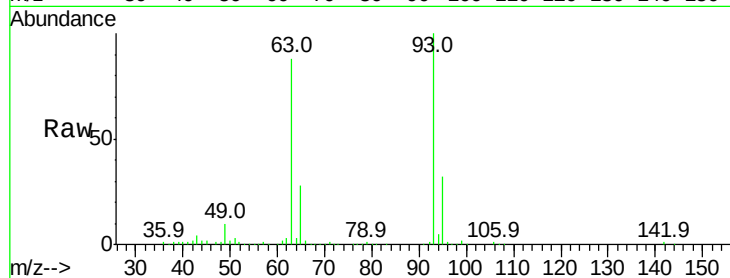
Tot Ion: 93 Resp: 403290

Ion Ratio Lower Upper

93 100

63 87.9 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.327 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

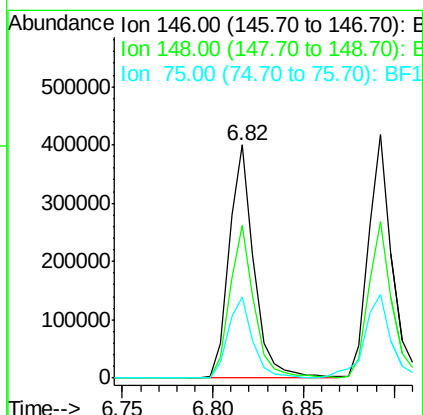
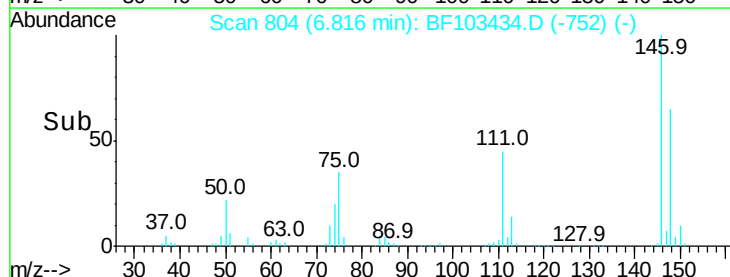
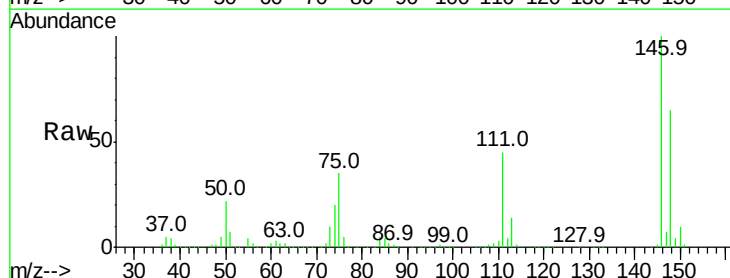
Tgt Ion: 146 Resp: 380558

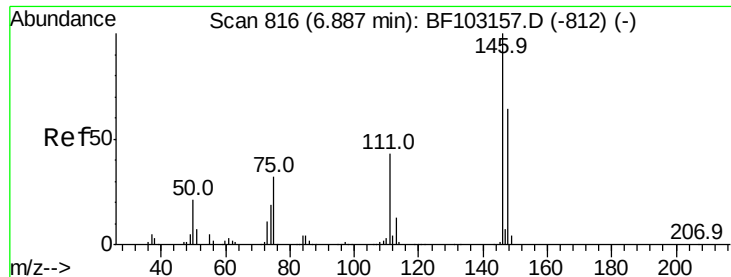
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 34.6 24.2 36.4

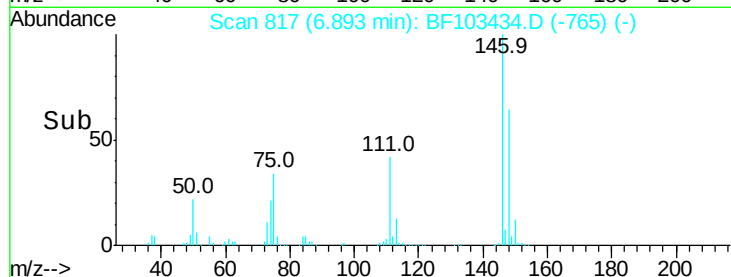
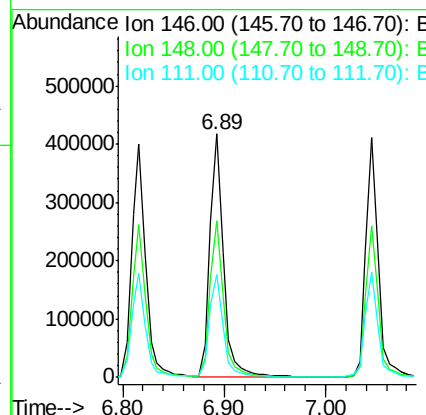
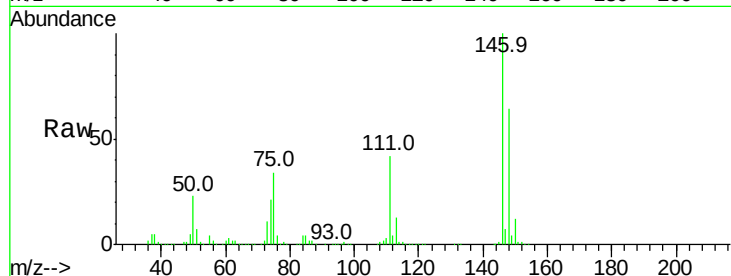




#13
 1,4-Dichlorobenzene
 Concen: 41.311 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

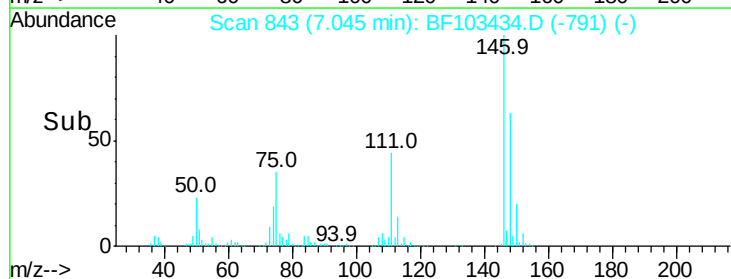
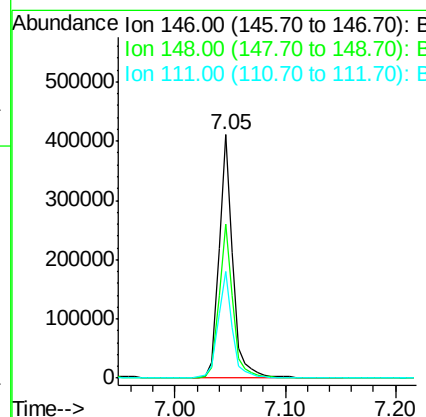
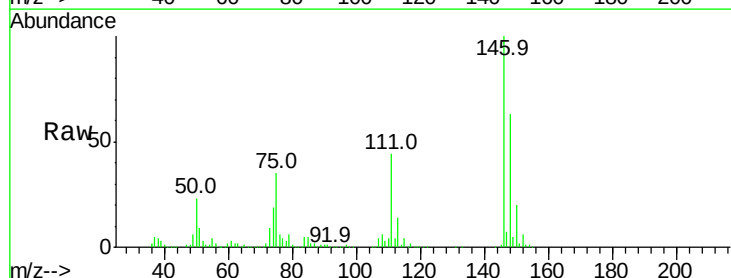
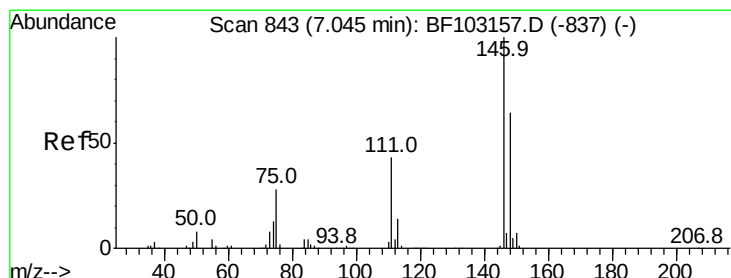
Instrument :
 BNA_F
 ClientSampleId :

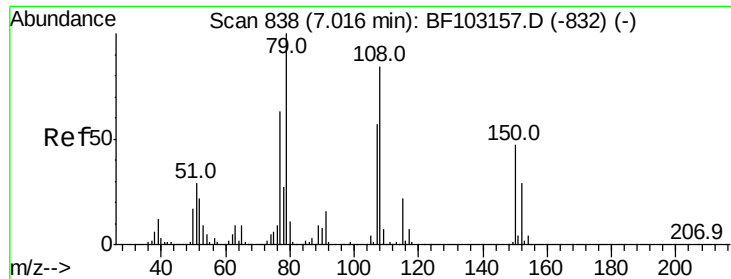
Tot Ion:146 Resp: 390844
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.699 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:146 Resp: 346333
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.0 36.0 54.0

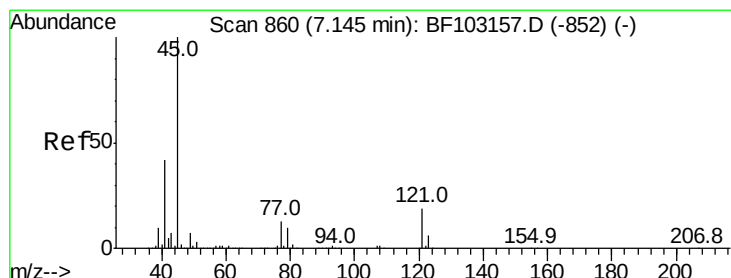
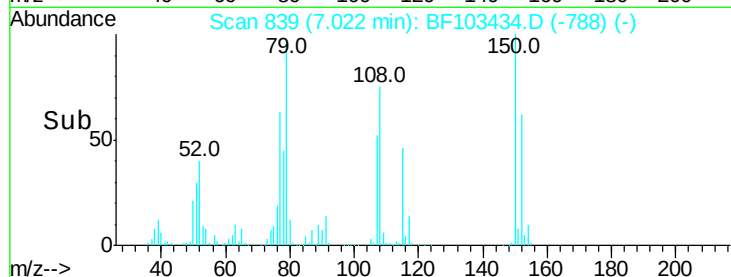
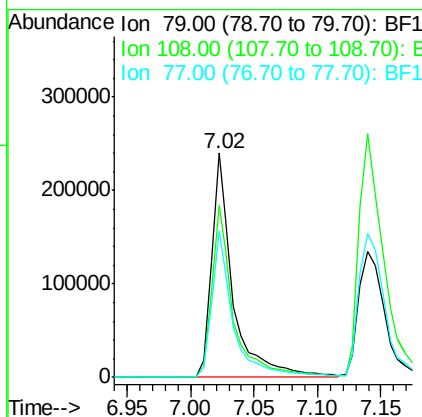
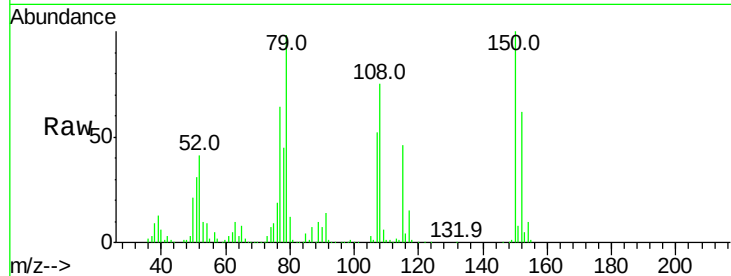




#15
Benzyl Alcohol
Concen: 38.863 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

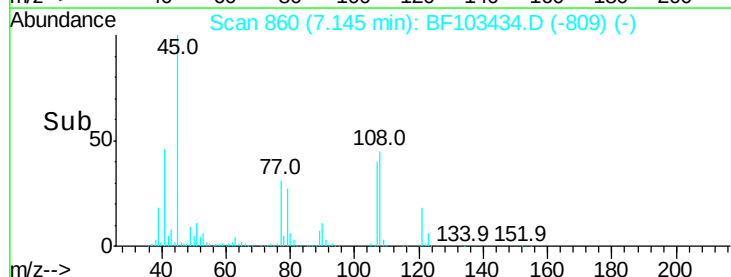
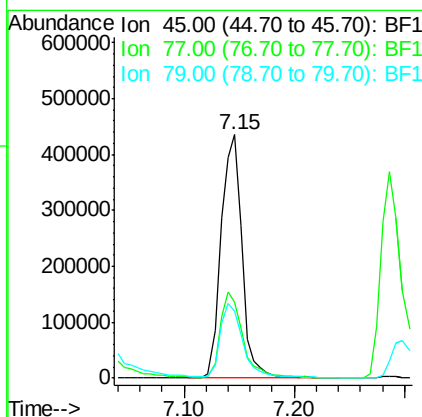
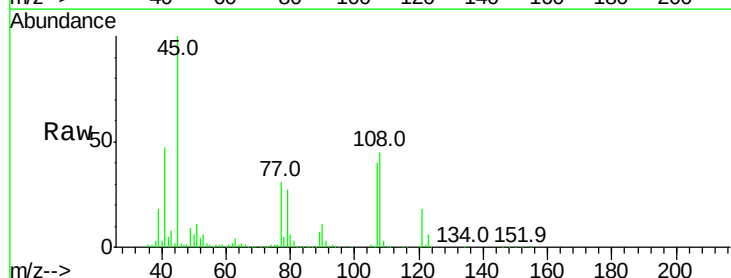
Instrument :
BNA_F
ClientSampleId :

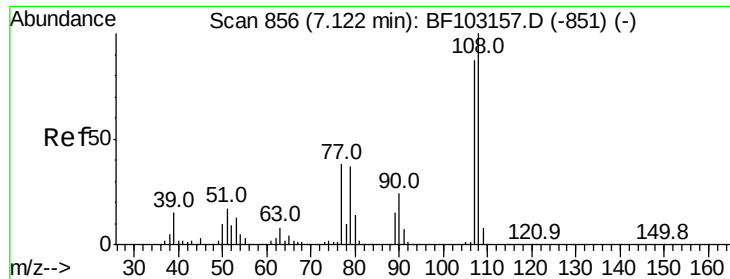
Tot Ion: 79 Resp: 284854
Ion Ratio Lower Upper
79 100
108 76.8 65.1 97.7
77 65.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.234 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion: 45 Resp: 577401
Ion Ratio Lower Upper
45 100
77 31.3 0.0 32.9
79 27.3 0.0 29.6

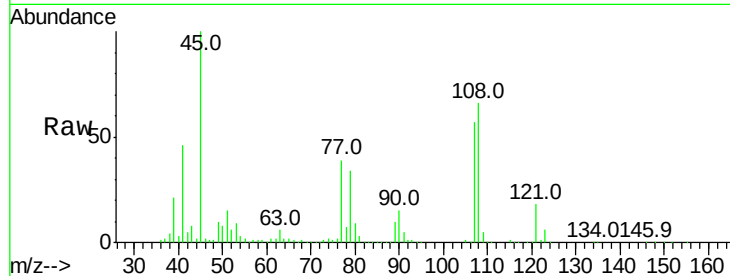




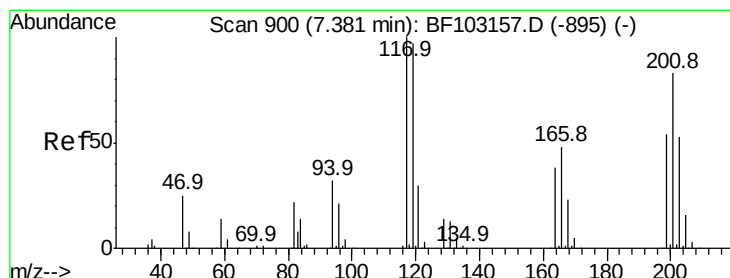
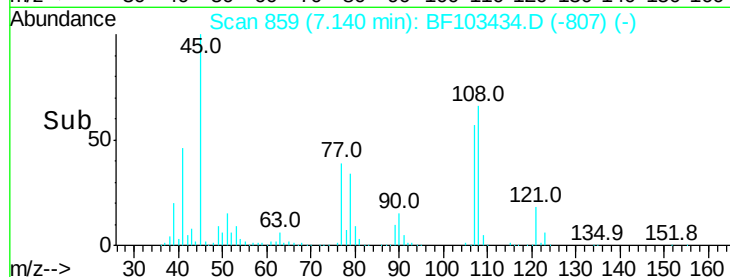
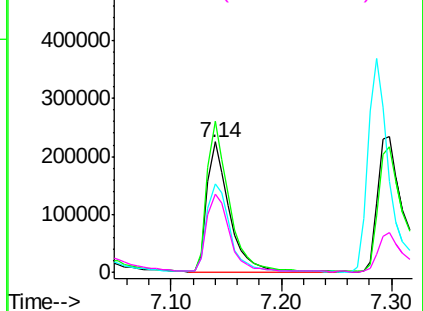
#17
2-Methylphenol
Concen: 40.625 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 304863
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 68.2 33.8 50.8#
79 60.0 33.8 50.8#

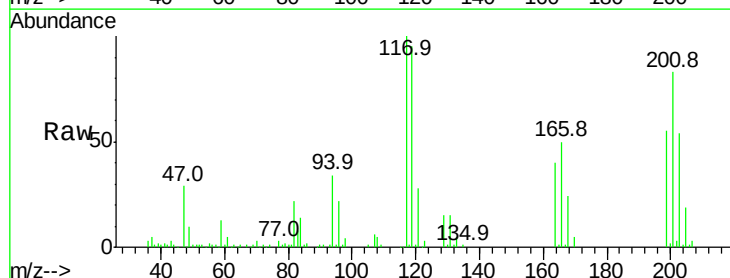


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

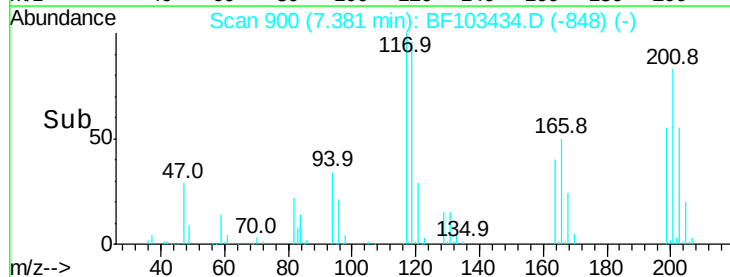
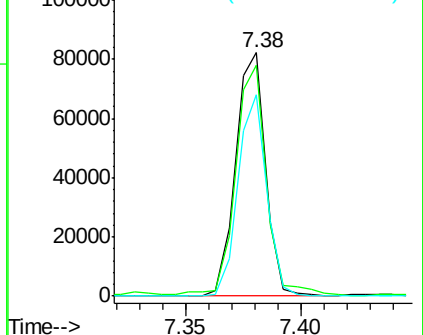


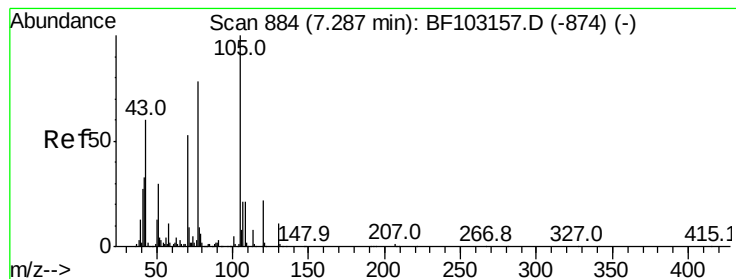
#18
Hexachloroethane
Concen: 21.631 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:117 Resp: 74502
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 82.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.380 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 262606

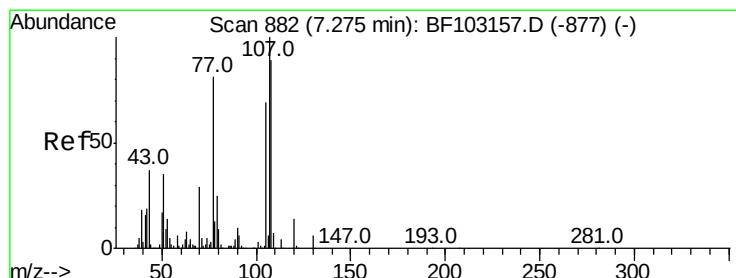
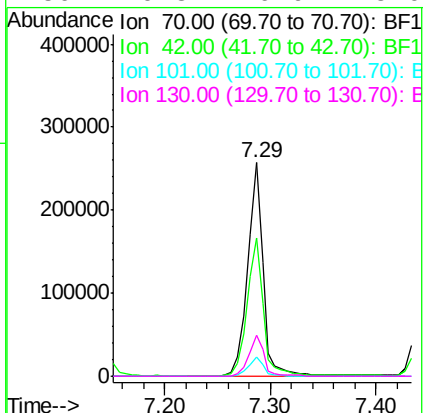
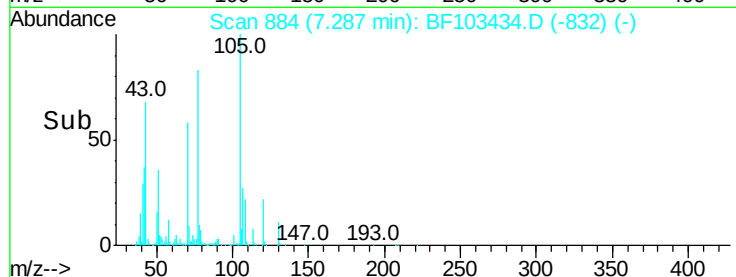
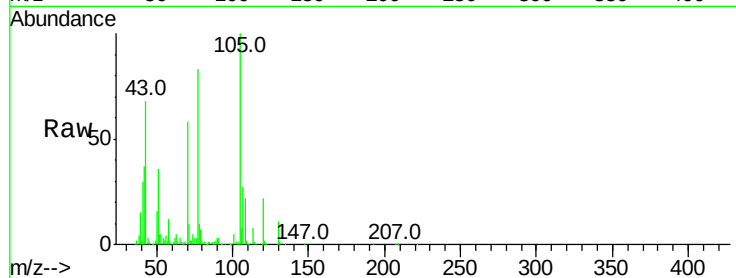
Ion Ratio Lower Upper

70 100

42 64.6 47.5 71.3

101 9.2 7.4 11.2

130 19.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 44.397 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion: 107 Resp: 406134

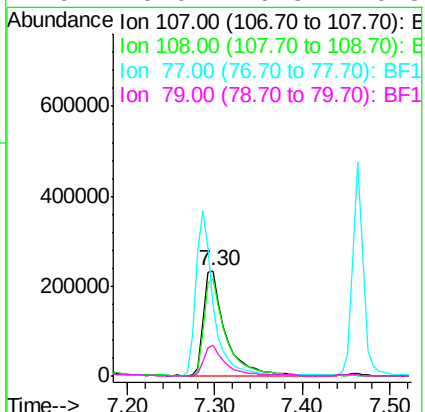
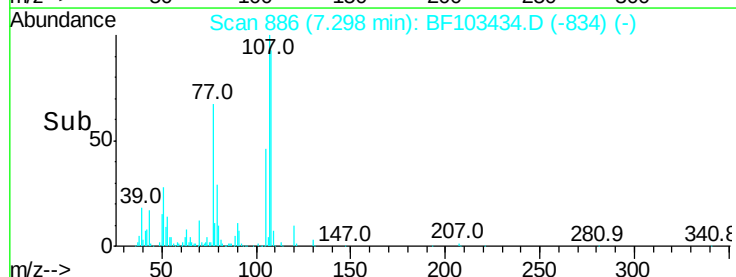
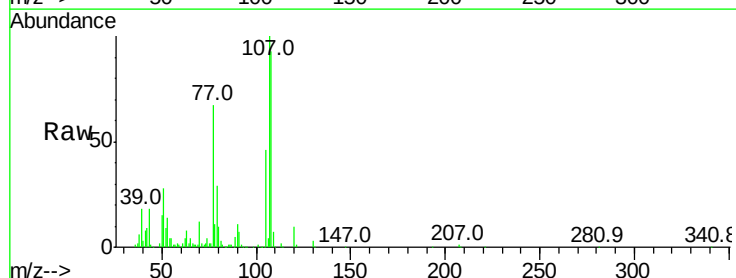
Ion Ratio Lower Upper

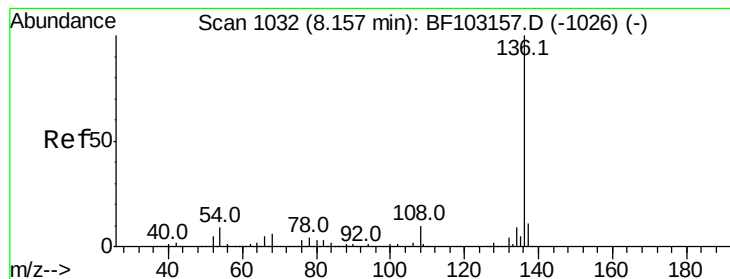
107 100

108 92.9 68.2 108.2

77 67.4 26.7 66.7#

79 29.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 487687

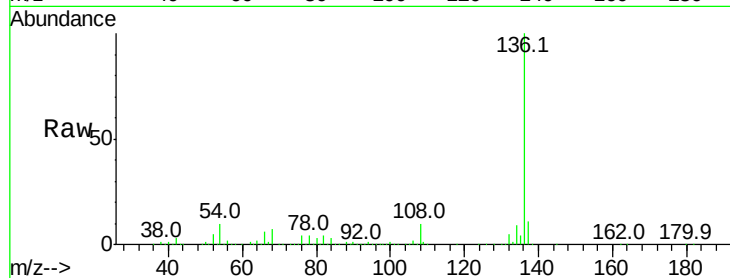
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 6.6 5.0 7.4

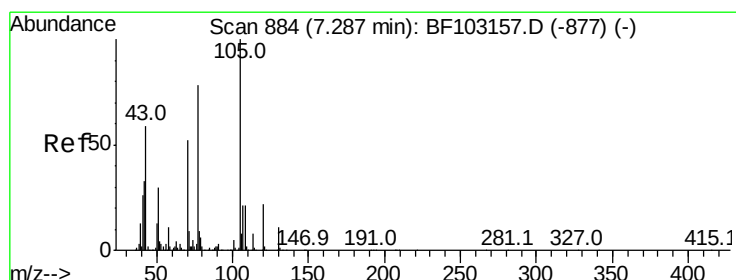
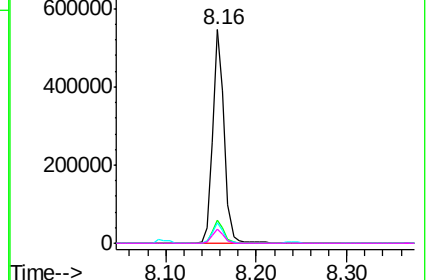
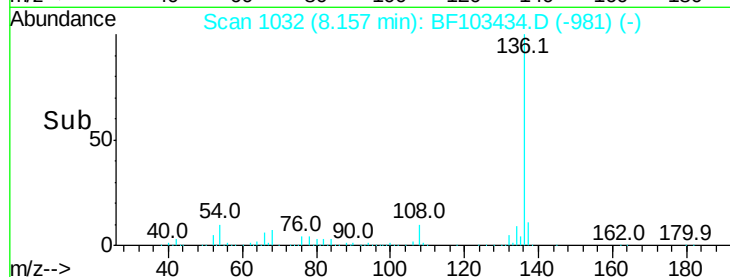


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.230 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:105 Resp: 503491

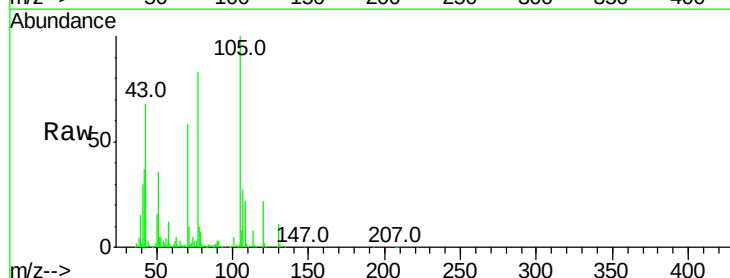
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 35.6 22.3 33.5#

120 21.6 16.9 25.3

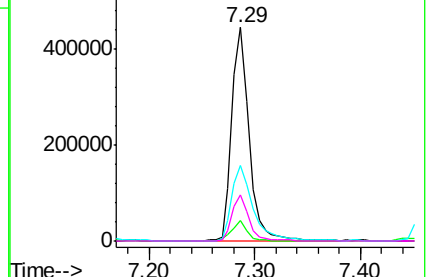
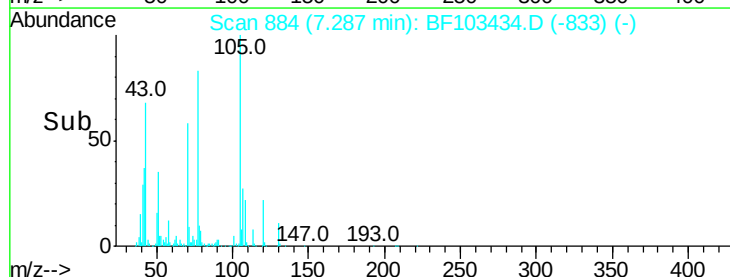


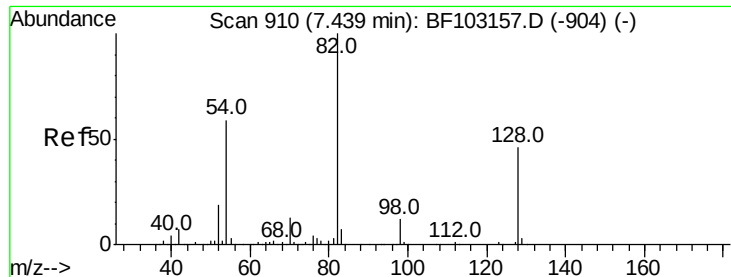
Abundance Ion 105.00 (104.70 to 105.70): E

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

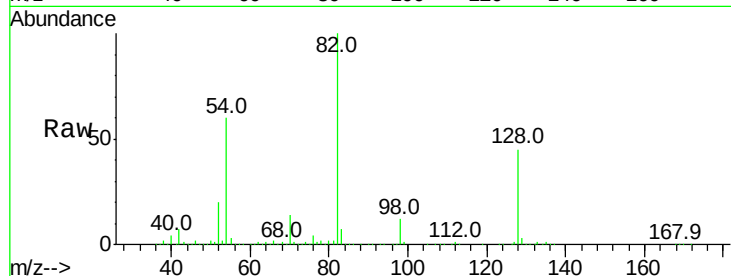




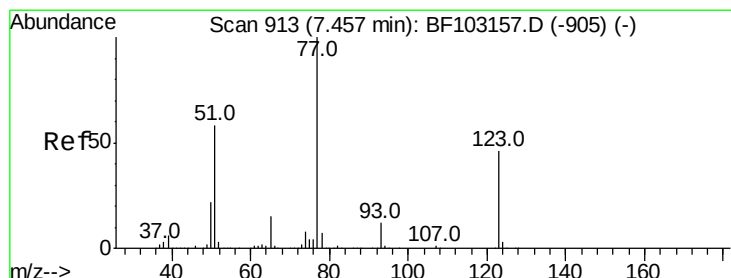
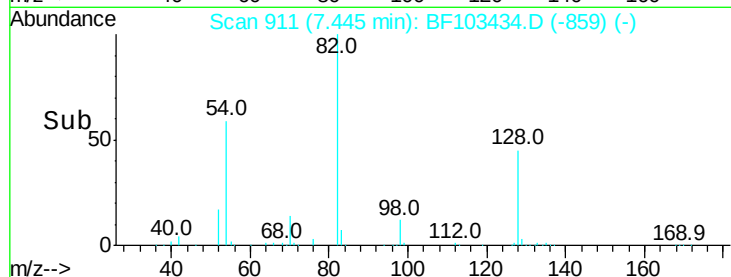
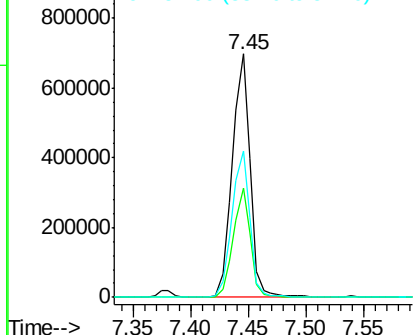
#23
 Nitrobenzene-d5
 Concen: 87.630 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 748334
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 60.3 41.4 62.2

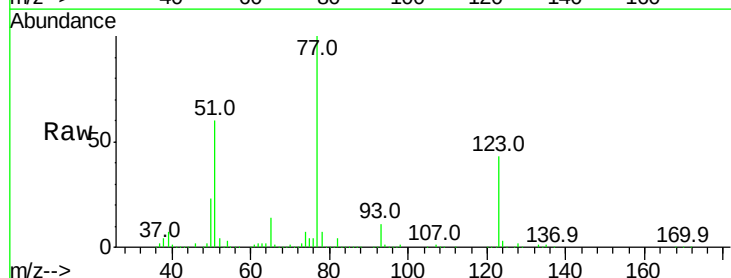


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

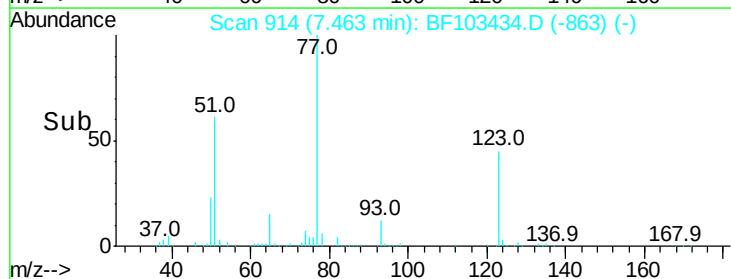
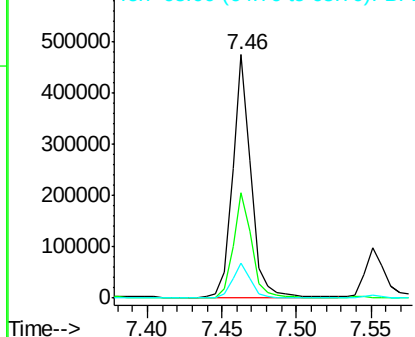


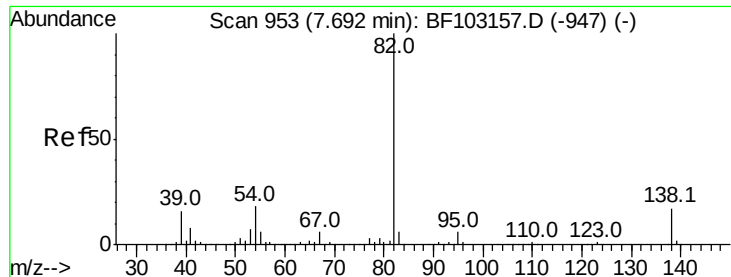
#24
 Nitrobenzene
 Concen: 43.716 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion: 77 Resp: 411028
 Ion Ratio Lower Upper
 77 100
 123 43.2 37.9 56.9
 65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 44.947 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampled :

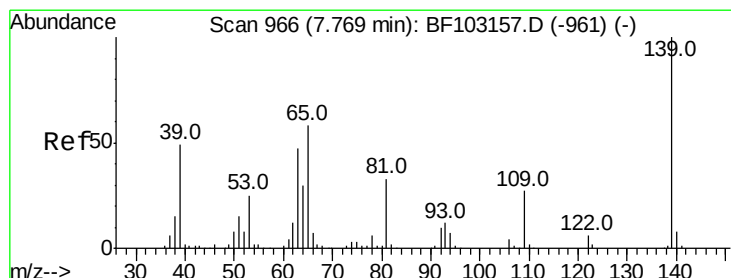
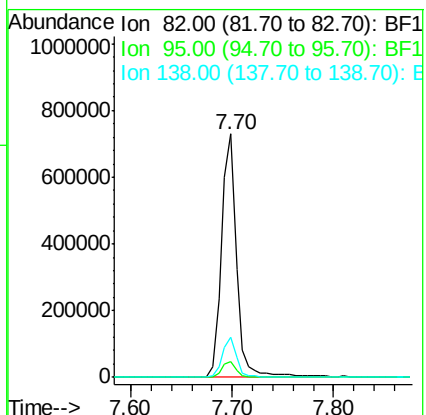
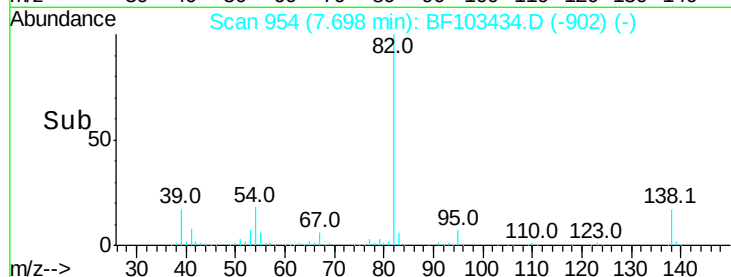
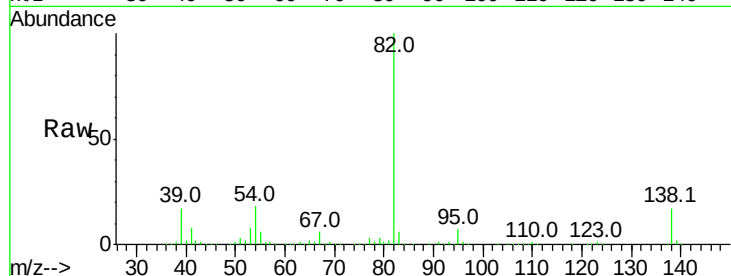
Tot Ion: 82 Resp: 755955

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 26.888 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

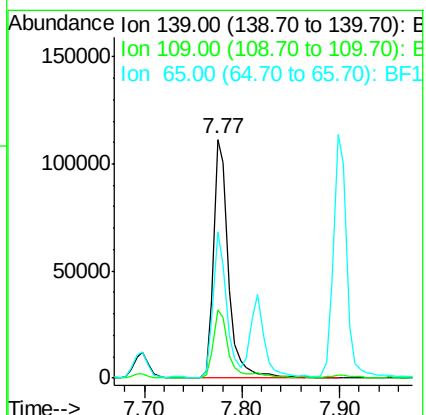
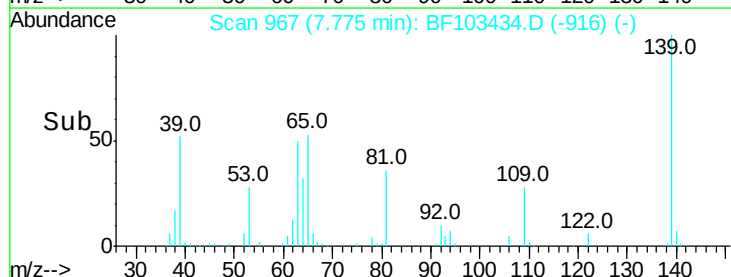
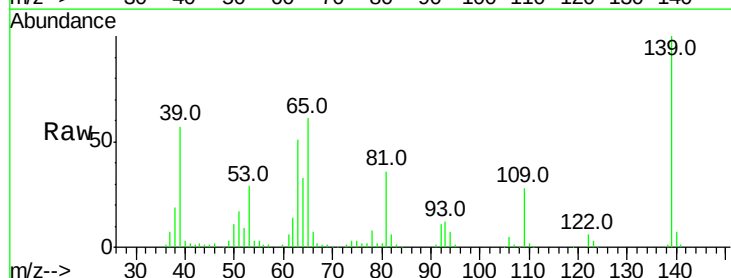
Tgt Ion: 139 Resp: 119012

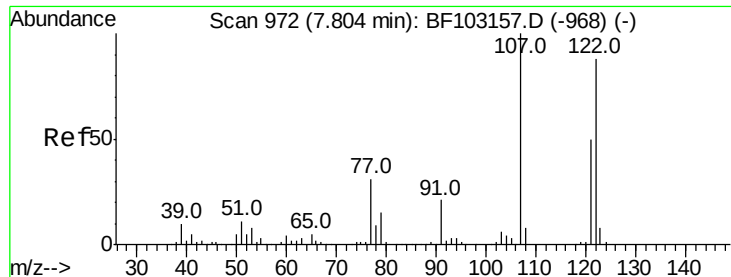
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 61.0 40.5 60.7#

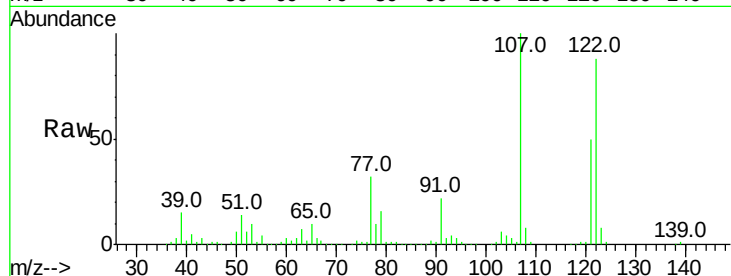




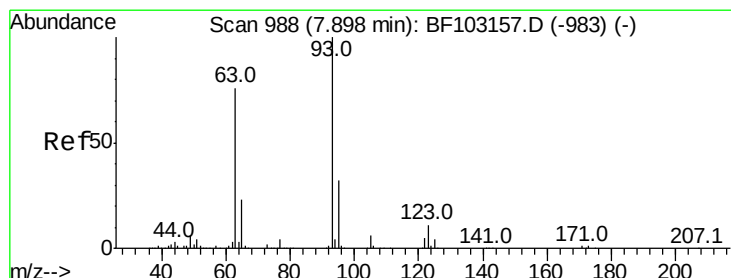
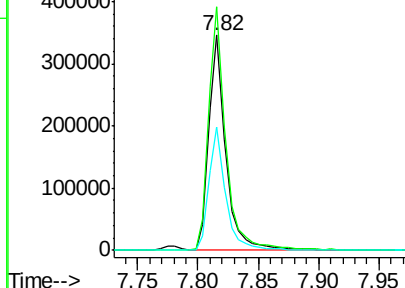
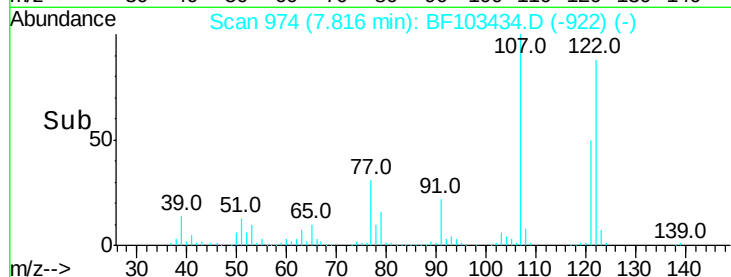
#27
2,4-Dimethylphenol
Concen: 49.093 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 332143
Ion Ratio Lower Upper
122 100
107 113.3 91.2 136.8
121 57.1 47.2 70.8

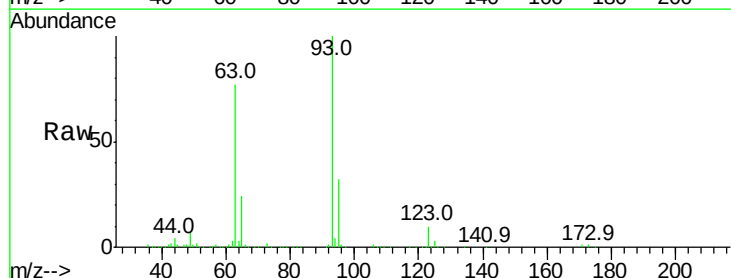


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

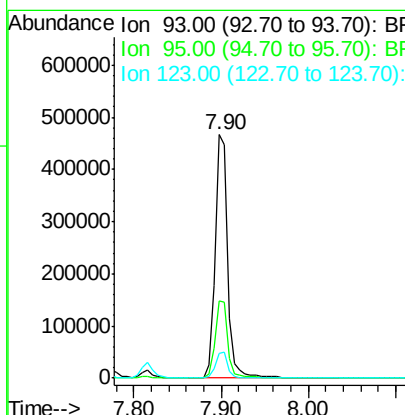
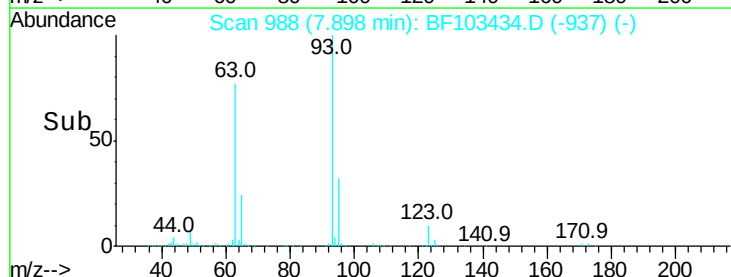


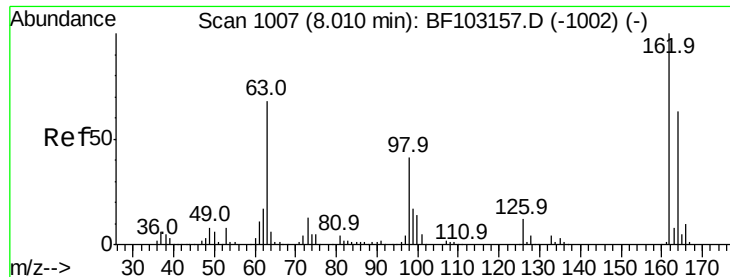
#28
bis(2-Chloroethoxy)methane
Concen: 46.820 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion: 93 Resp: 462980
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 10.0 9.8 14.6



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

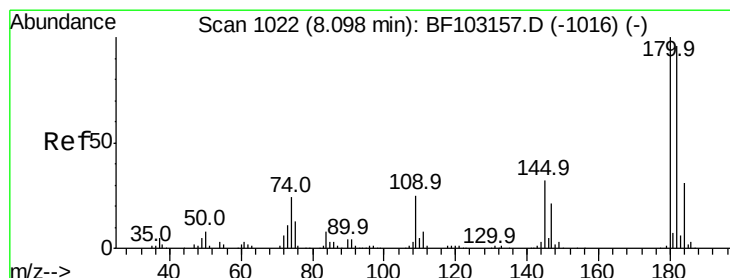
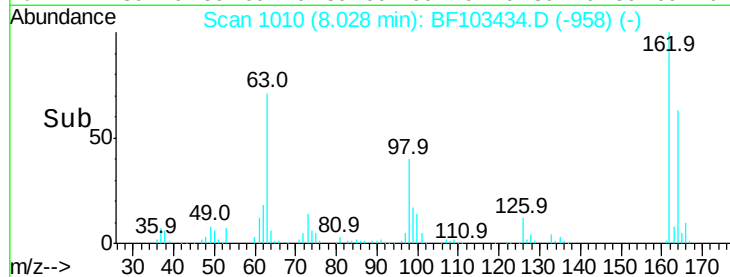
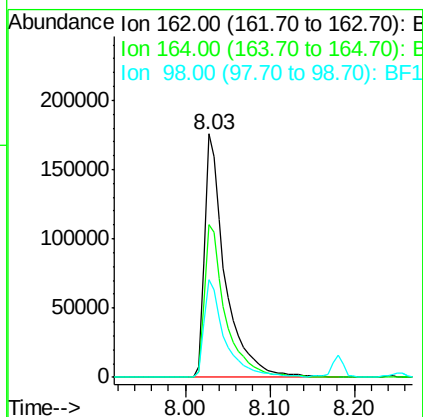
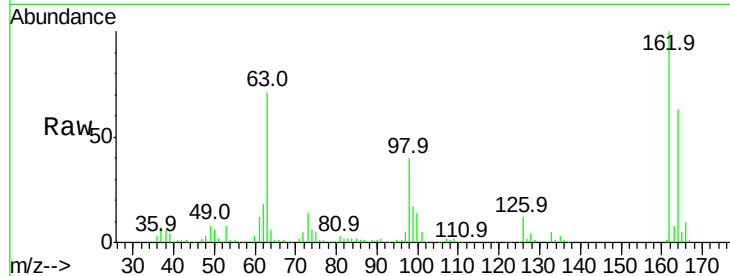




#29
 2,4-Dichlorophenol
 Concen: 45.940 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

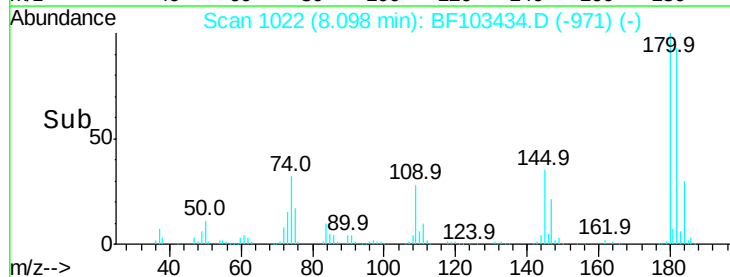
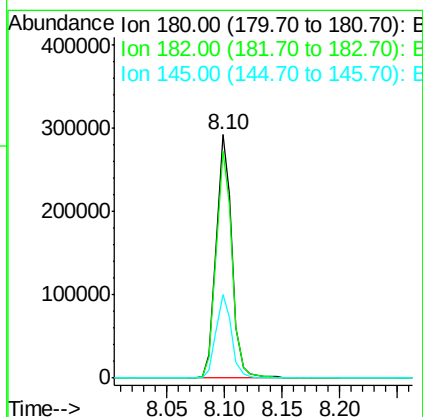
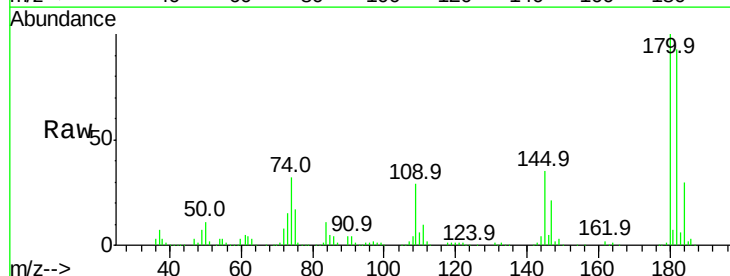
Instrument :
 BNA_F
 ClientSampleId :

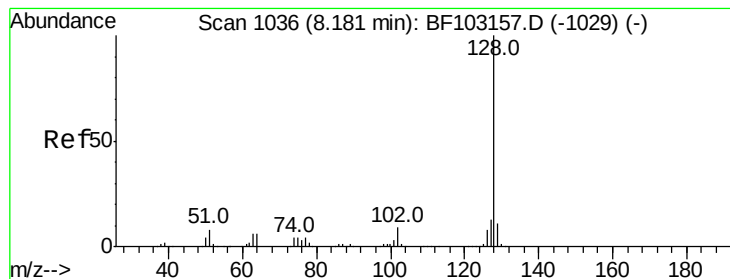
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	40.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.941 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	34.6	26.5	39.7





#31

Naphthalene

Concen: 41.987 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampled :

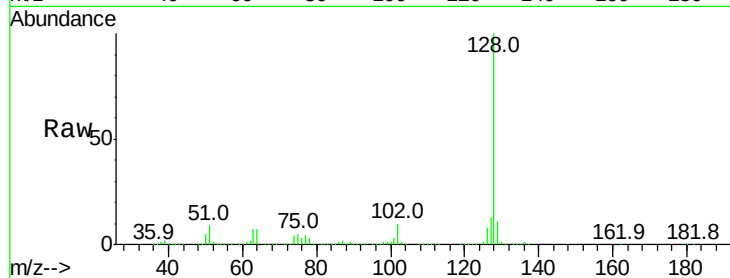
Tot Ion:128 Resp: 1002479

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

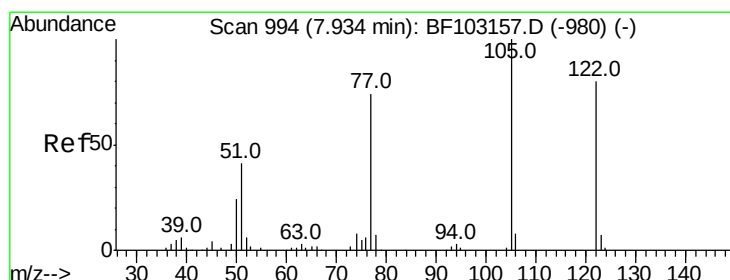
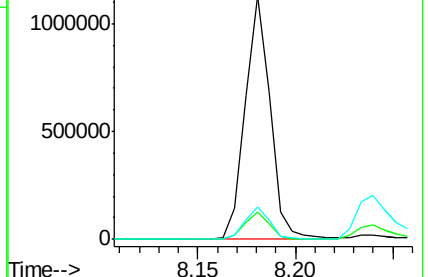
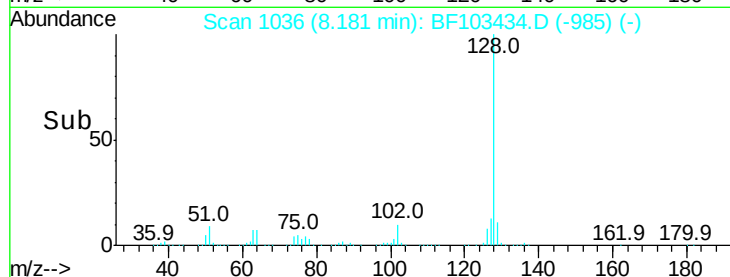
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.555 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.15 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

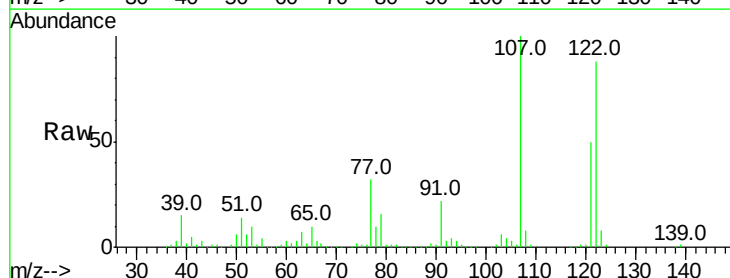
Tgt Ion:122 Resp: 332143

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

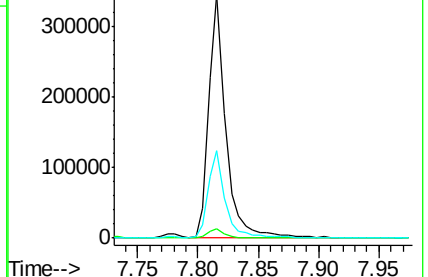
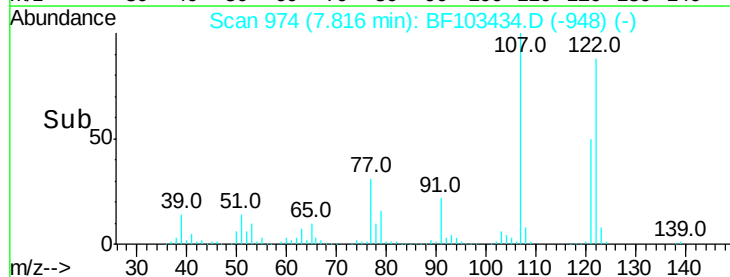
77 35.7 70.7 110.7#

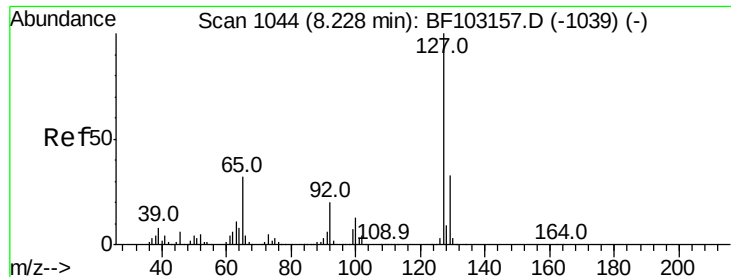


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

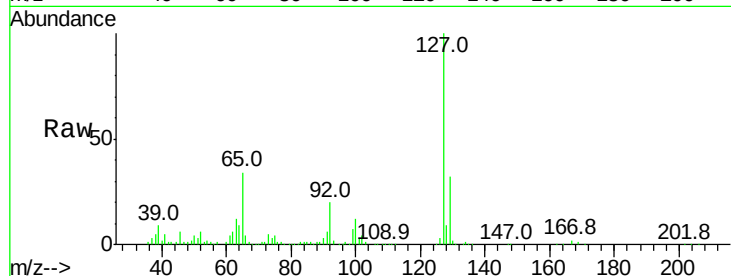




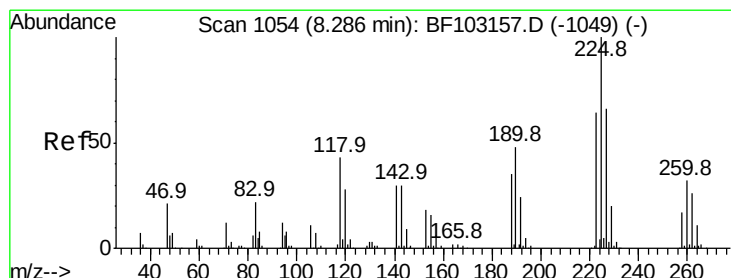
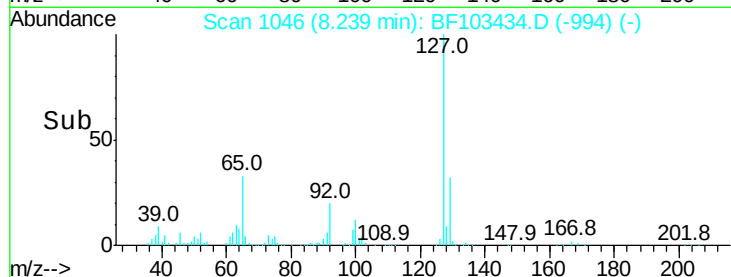
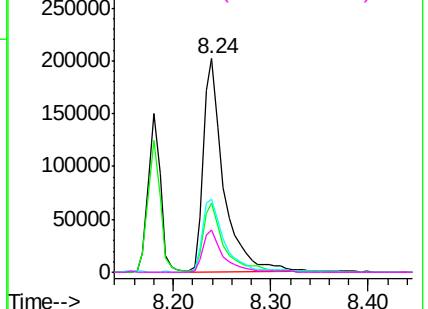
#33
4-Chloroaniline
Concen: 28.323 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	291820
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.9	25.0	37.4
92	19.6	15.2	22.8

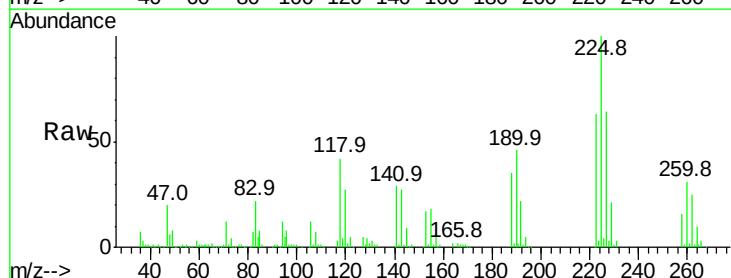


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

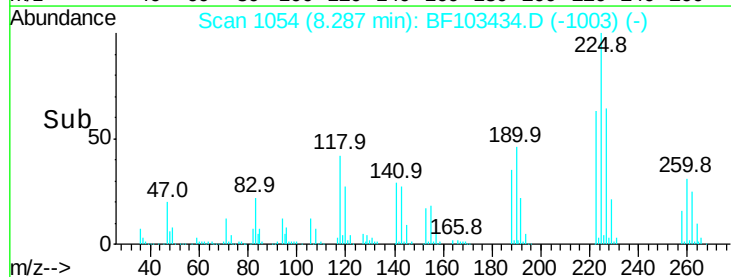
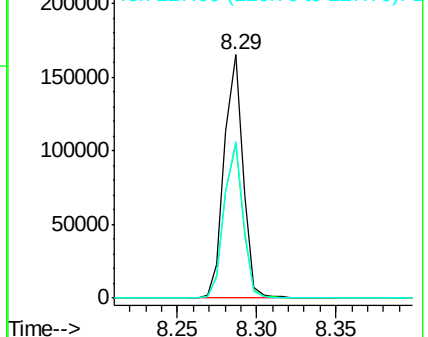


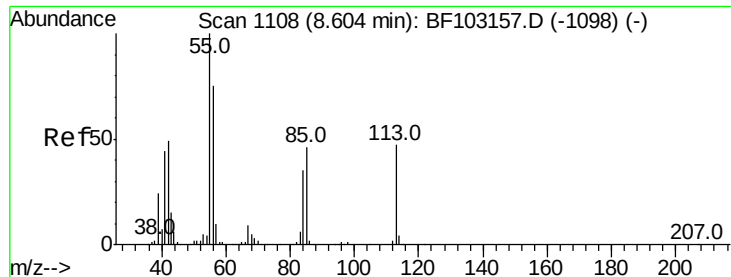
#34
Hexachlorobutadiene
Concen: 37.969 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:	225	Resp:	136384
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.0	51.9	77.9



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





#35

Caprolactam

Concen: 41.094 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampled :

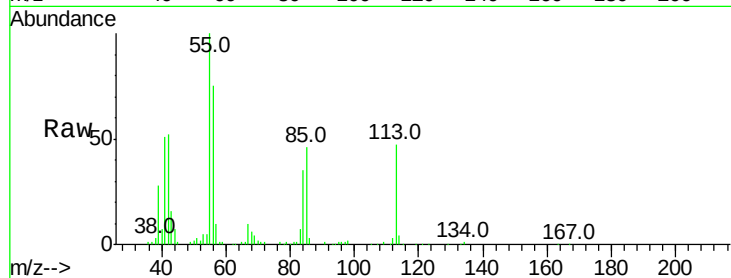
Tot Ion:113 Resp: 93552

Ion Ratio Lower Upper

113 100

55 213.3 163.3 203.3#

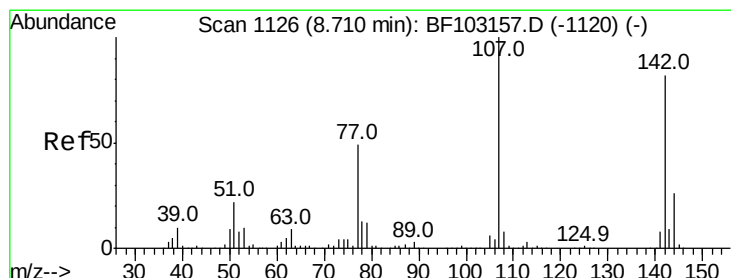
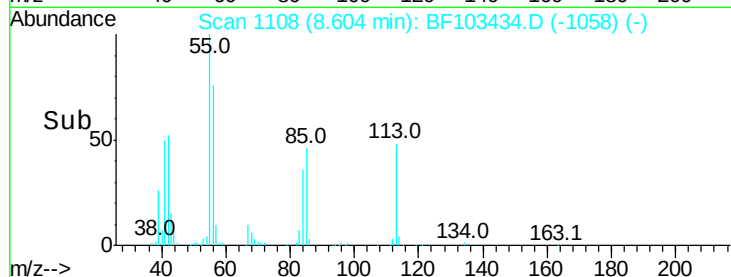
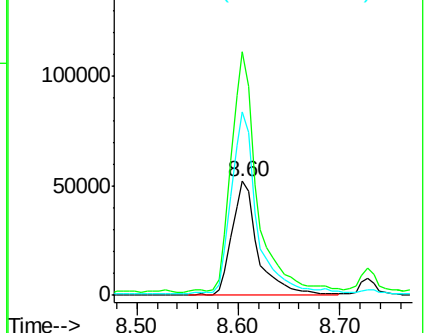
56 160.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.740 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

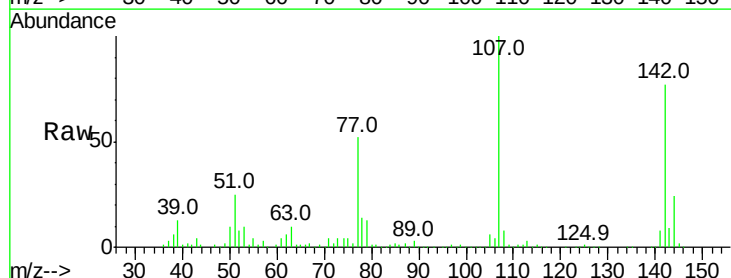
Tgt Ion:107 Resp: 312262

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

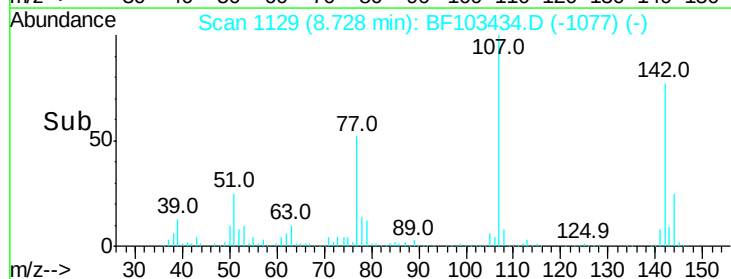
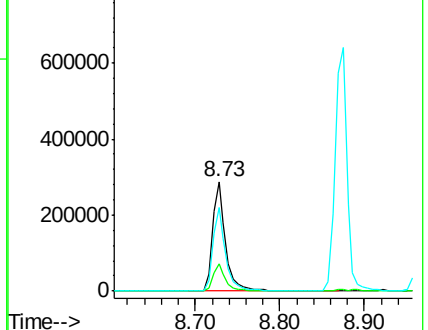
142 76.6 62.0 93.0

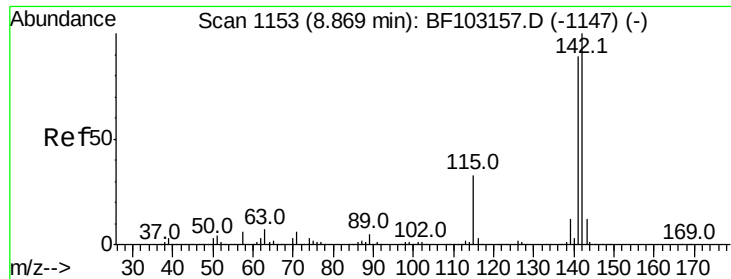


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

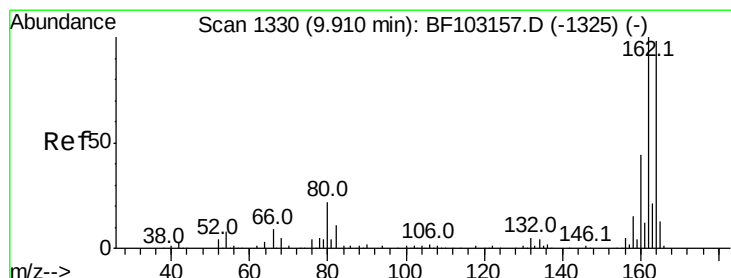
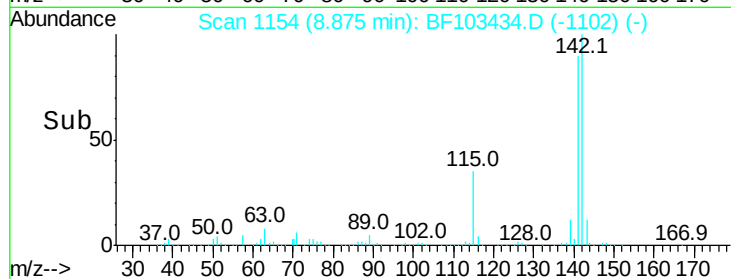
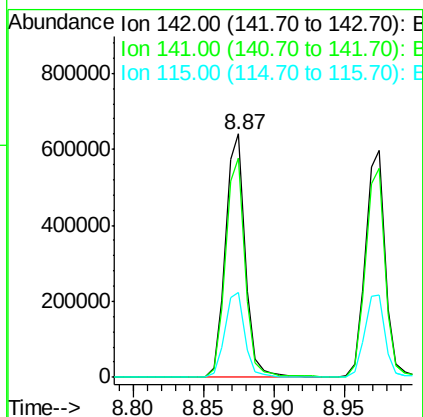
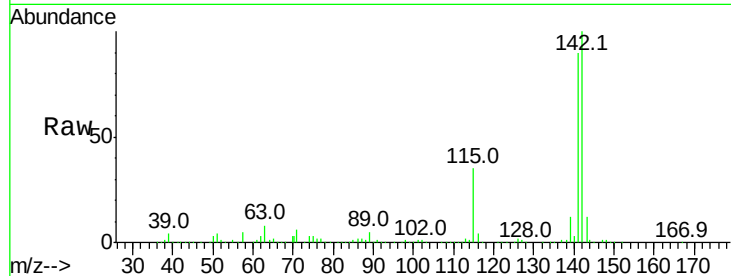




#37
2-Methylnaphthalene
Concen: 40.261 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

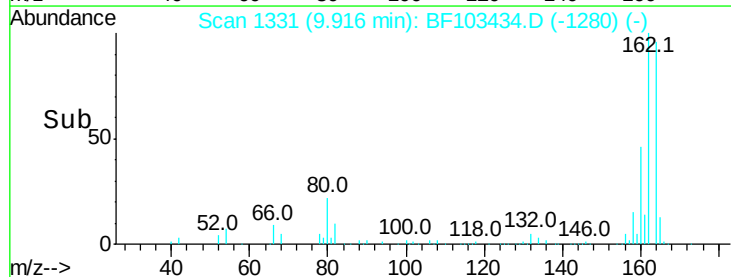
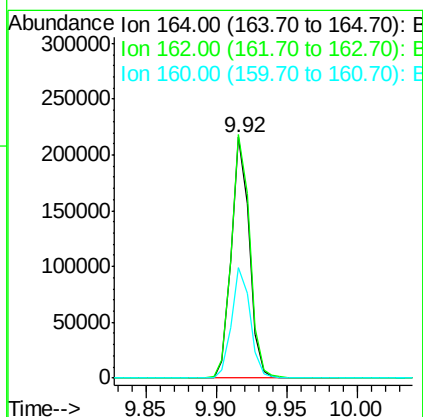
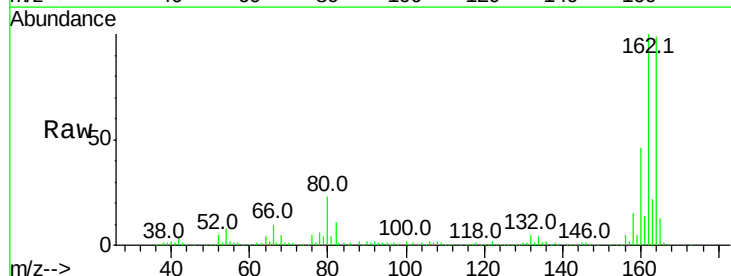
Instrument :
BNA_F
ClientSampleId :

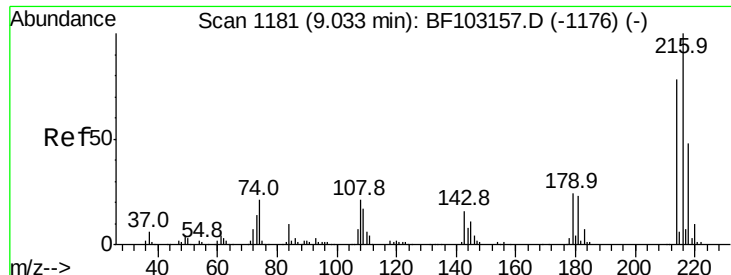
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	35.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5

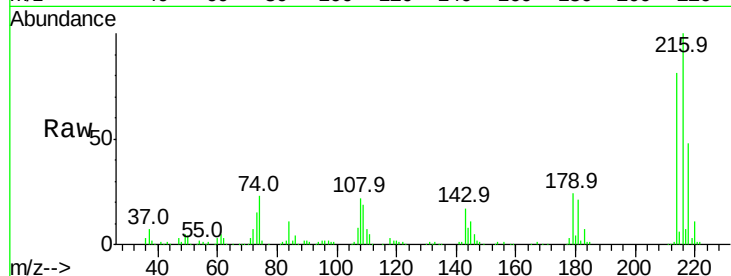




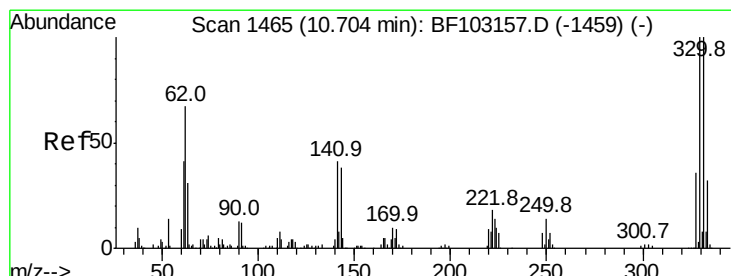
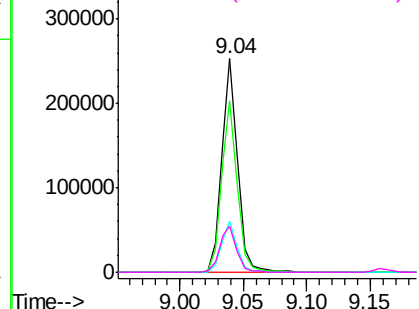
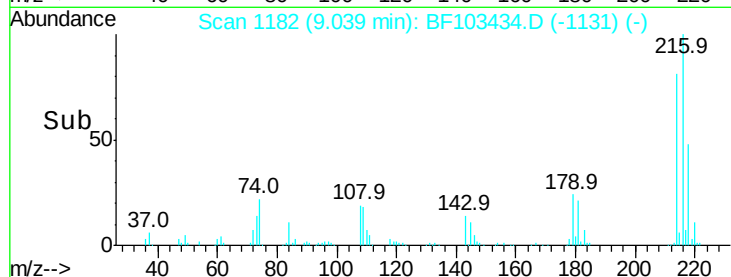
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.578 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	223870
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	23.7	18.1	27.1
108	23.6	17.2	25.8

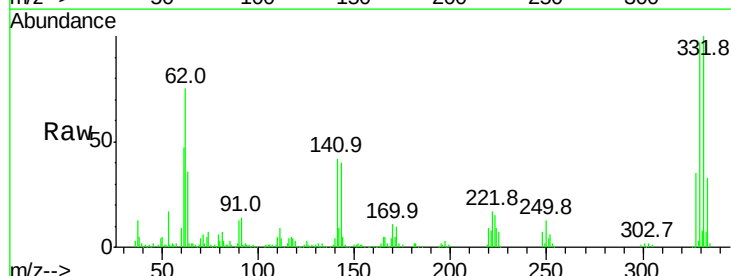


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

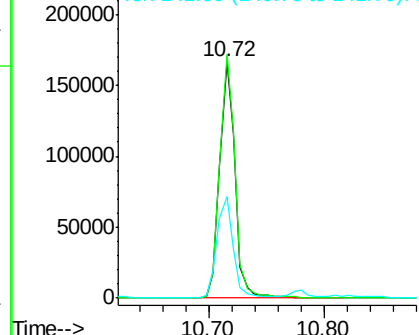
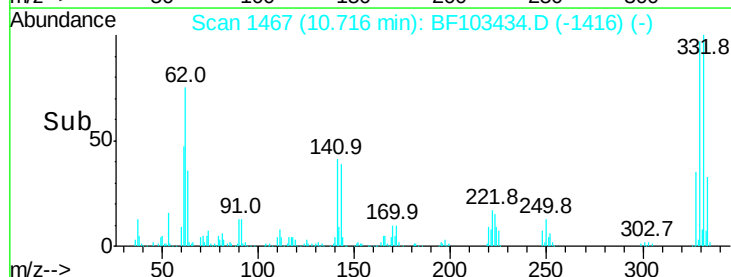


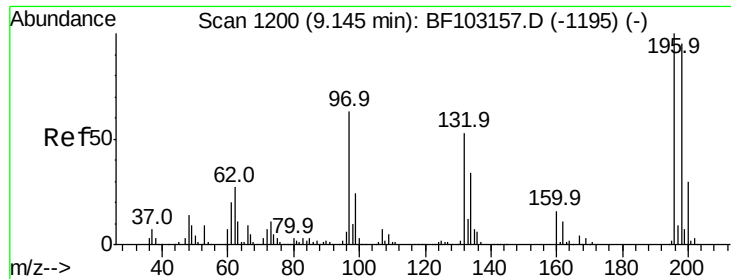
#41
 2,4,6-Tribromophenol
 Concen: 94.635 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:	330	Resp:	154060
Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	44.5	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

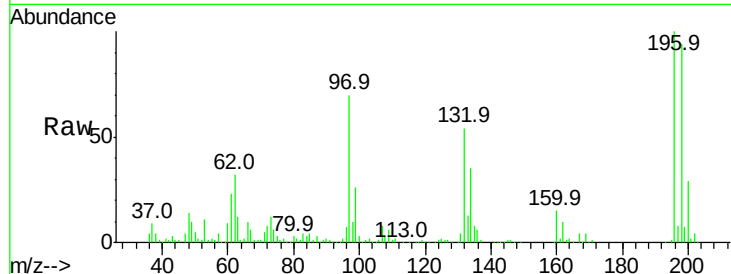




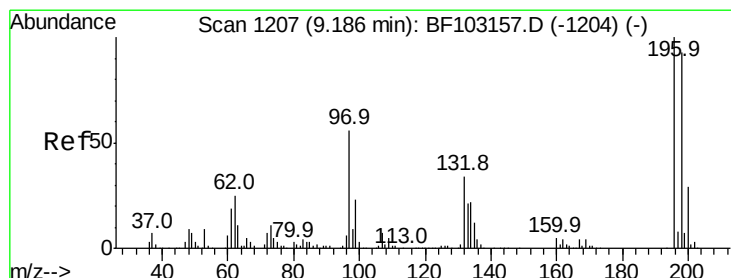
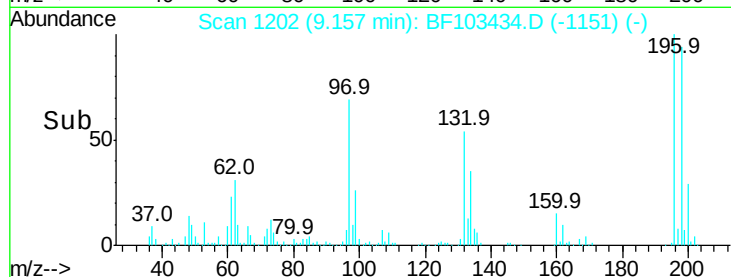
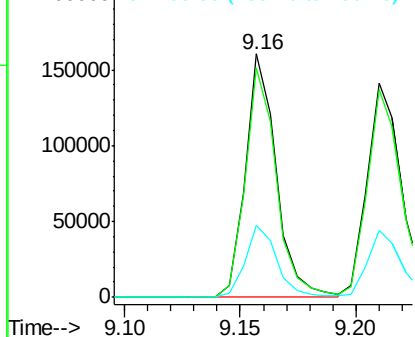
#42
 2,4,6-Trichlorophenol
 Concen: 42.450 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 150181
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.4 24.5 36.7

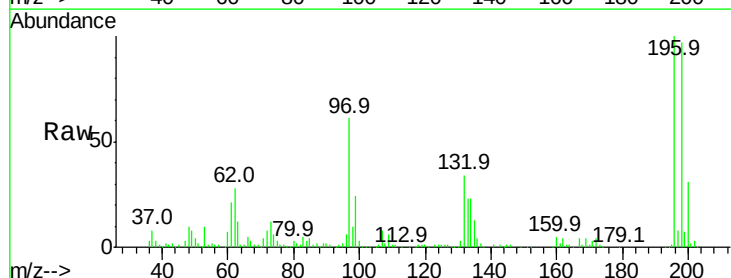


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

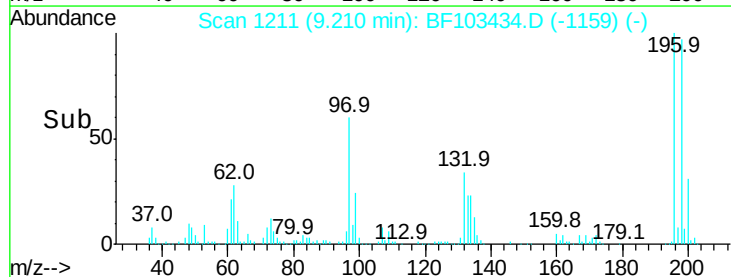
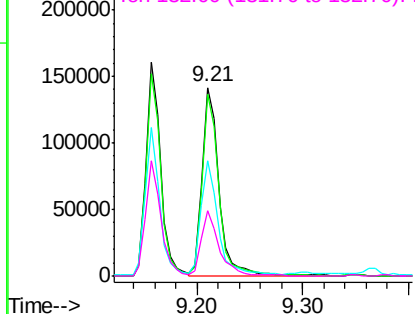


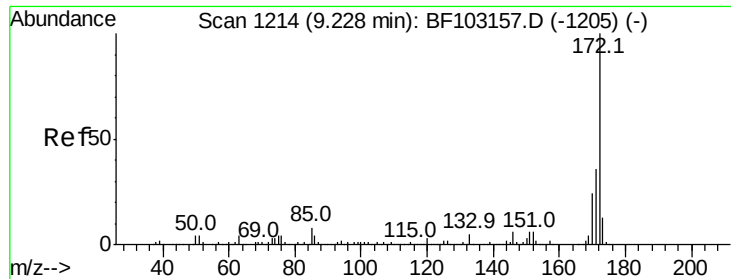
#43
 2,4,5-Trichlorophenol
 Concen: 38.330 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:196 Resp: 155969
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.6 112.0
 97 60.9 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: 89.529 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

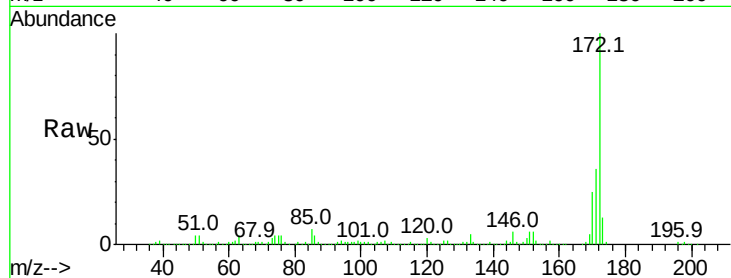
Tot Ion:172 Resp: 987191

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

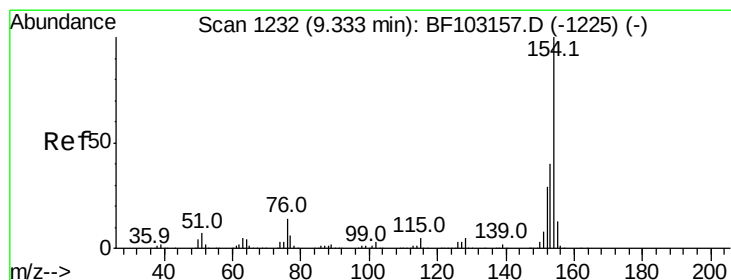
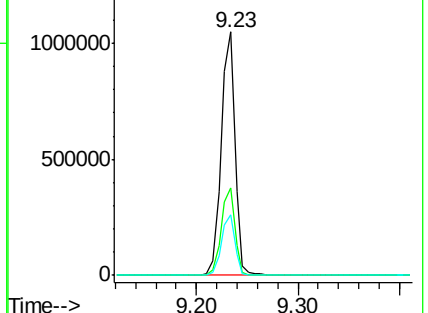
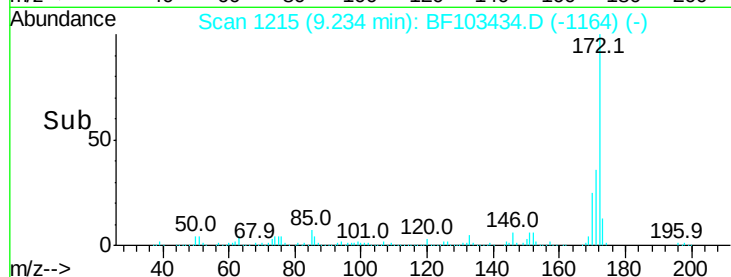
170 24.7 19.6 29.4



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: 42.203 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

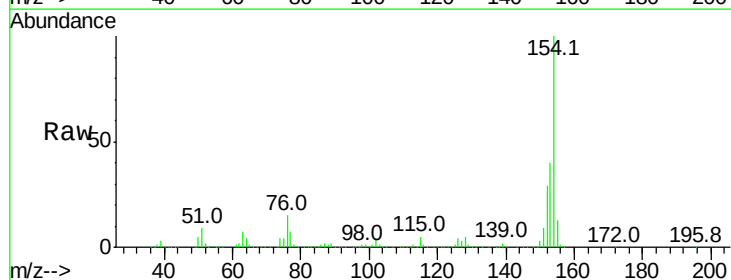
Tgt Ion:154 Resp: 680151

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

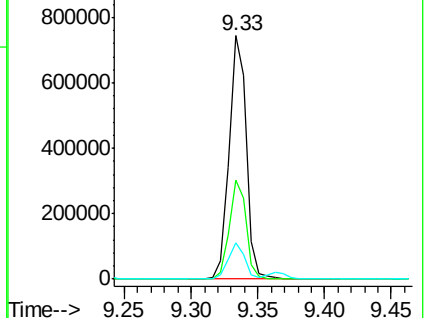
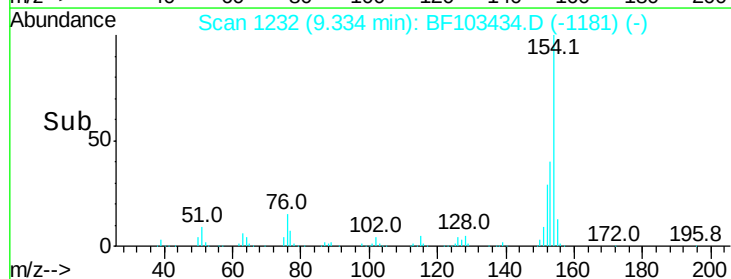
76 15.1 0.0 34.0

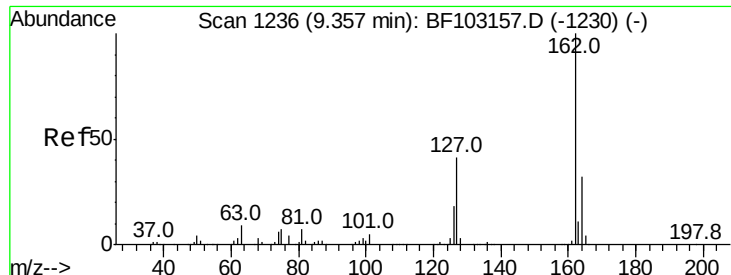


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

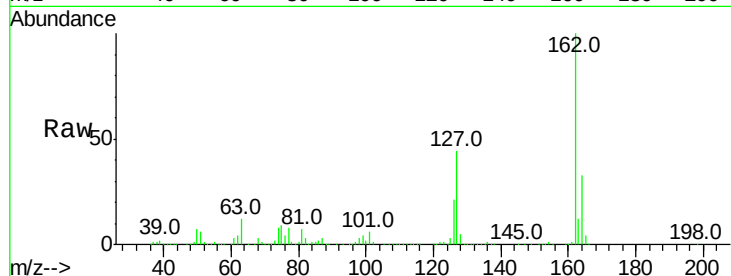




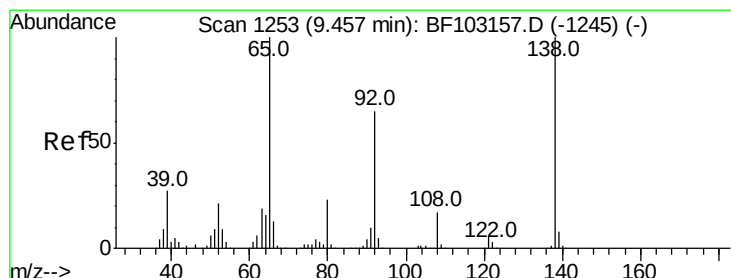
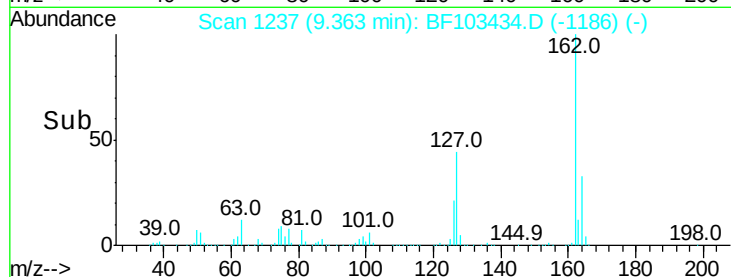
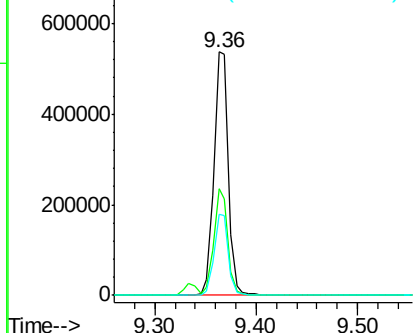
#46
 2-Chloronaphthalene
 Concen: 41.721 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	33.9	50.9
164	33.3	26.5	39.7

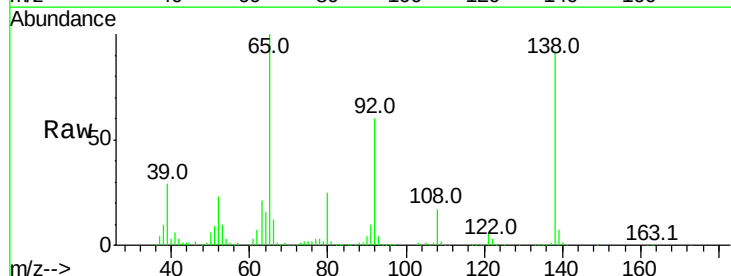


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

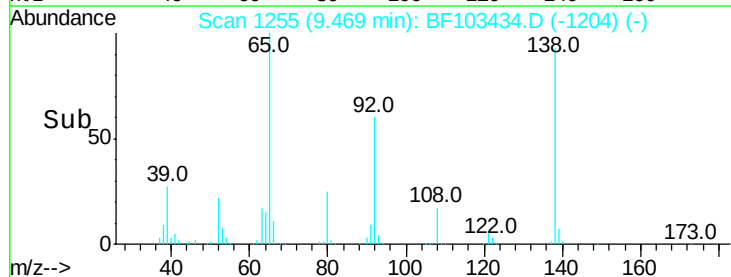
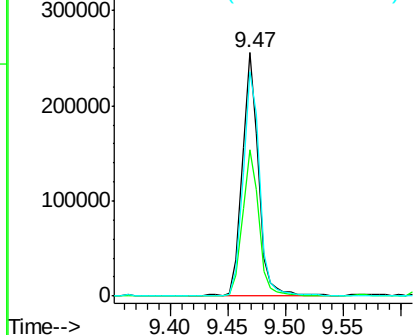


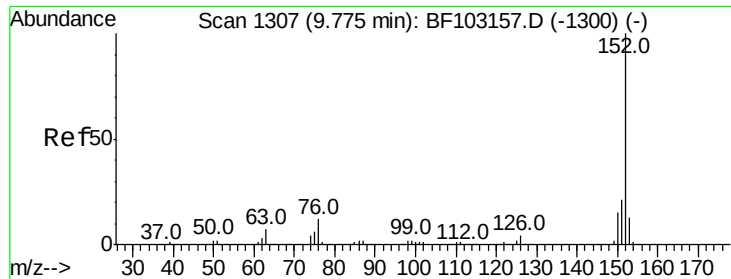
#47
 2-Nitroaniline
 Concen: 52.458 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	55.8	83.6
138	92.0	91.2	136.8



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





#48

Acenaphthylene

Concen: 40.578 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

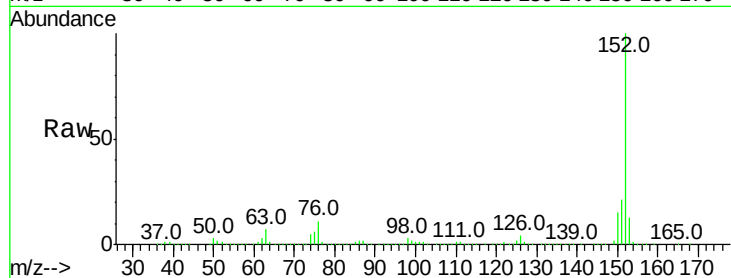
Tot Ion:152 Resp: 796029

Ion Ratio Lower Upper

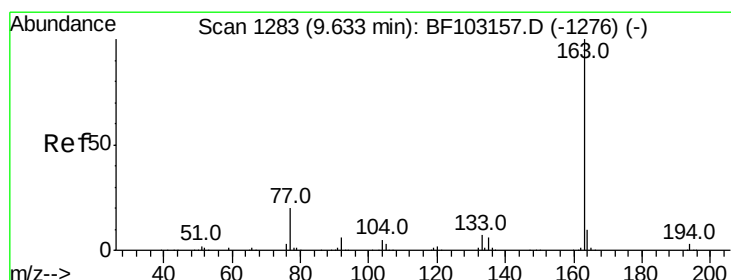
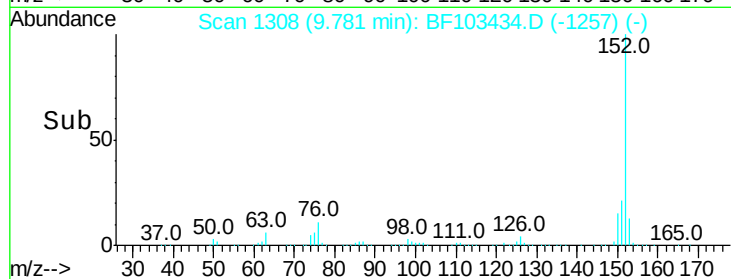
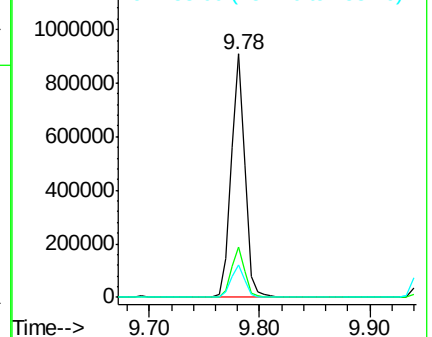
152 100

151 20.8 16.3 24.5

153 13.2 10.7 16.1



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



#49

Dimethylphthalate

Concen: 44.404 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

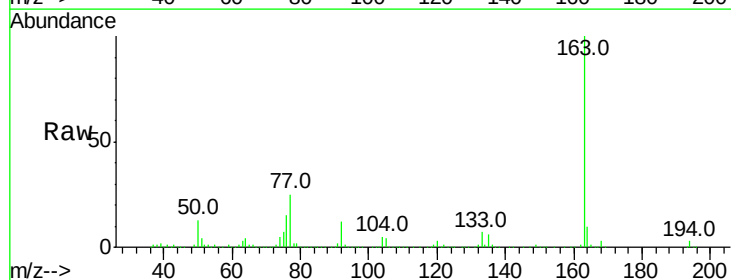
Tgt Ion:163 Resp: 685104

Ion Ratio Lower Upper

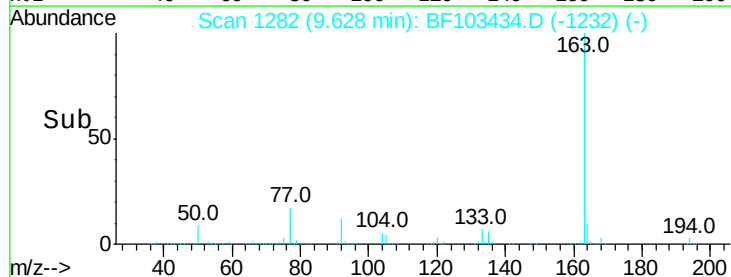
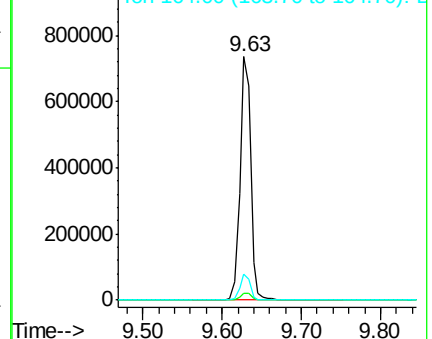
163 100

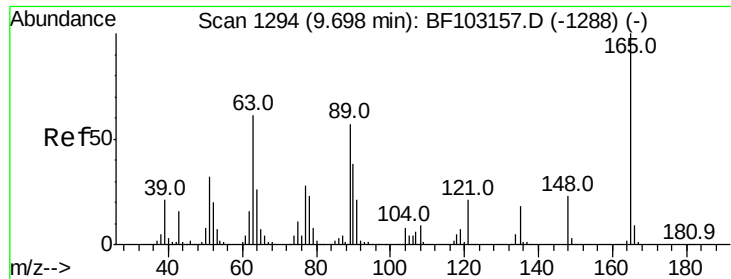
194 3.0 2.7 4.1

164 10.4 8.2 12.2



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

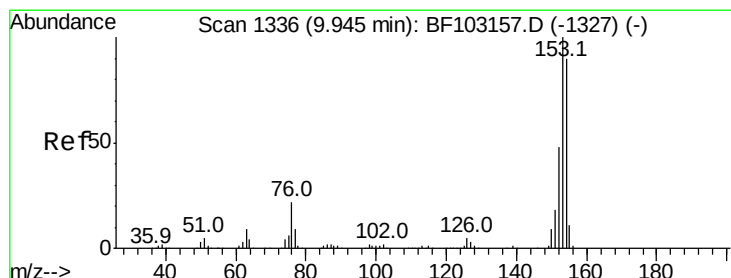
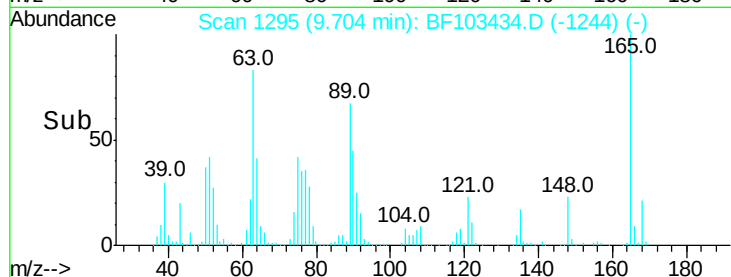
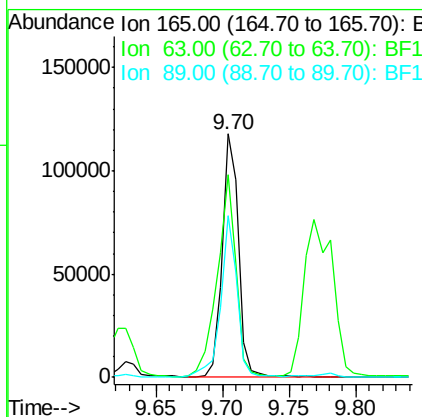
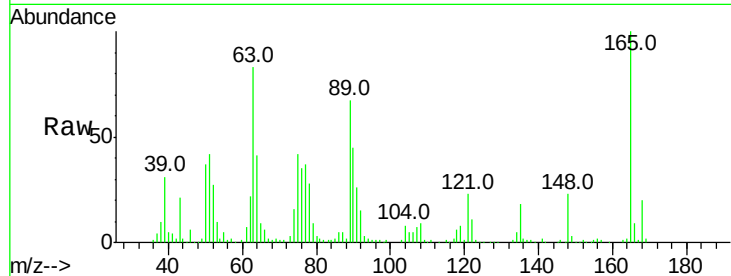




#50
 2,6-Dinitrotoluene
 Concen: 31.814 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

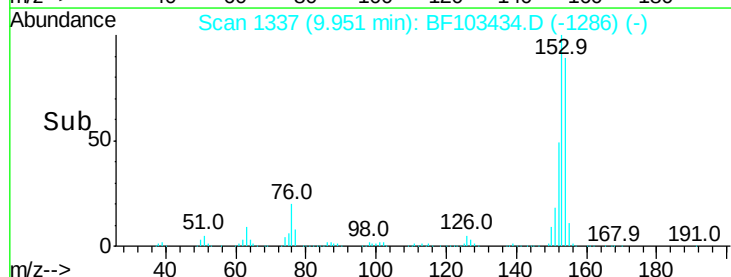
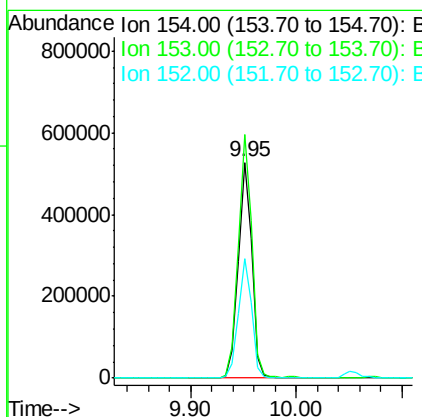
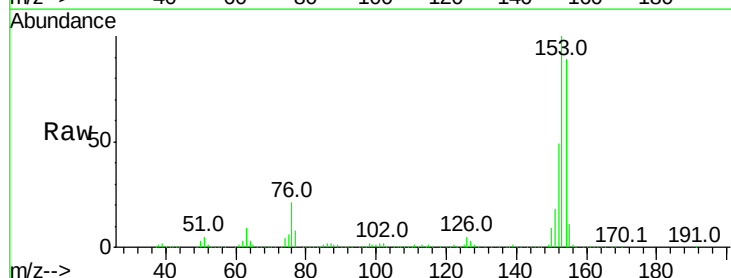
Instrument :
 BNA_F
 ClientSampleId :

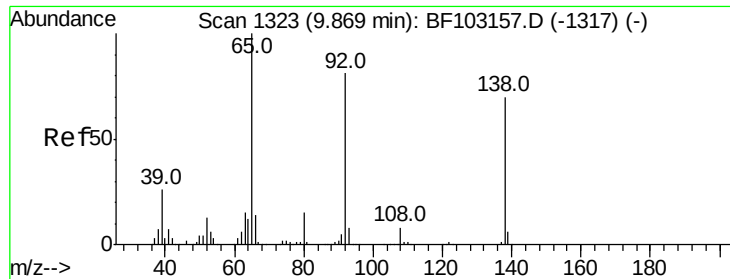
Tot Ion:165 Resp: 103008
 Ion Ratio Lower Upper
 165 100
 63 83.3 44.7 67.1#
 89 66.6 44.0 66.0#



#51
 Acenaphthene
 Concen: 40.275 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:154 Resp: 460701
 Ion Ratio Lower Upper
 154 100
 153 112.8 91.2 136.8
 152 55.4 43.8 65.8

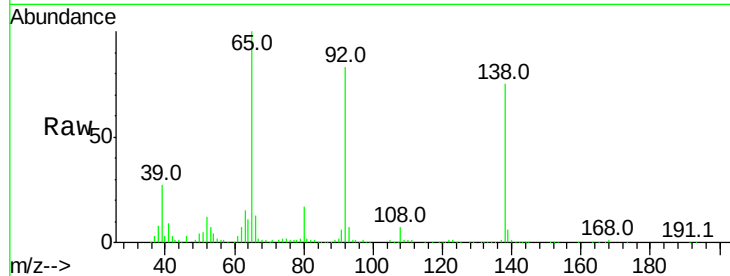




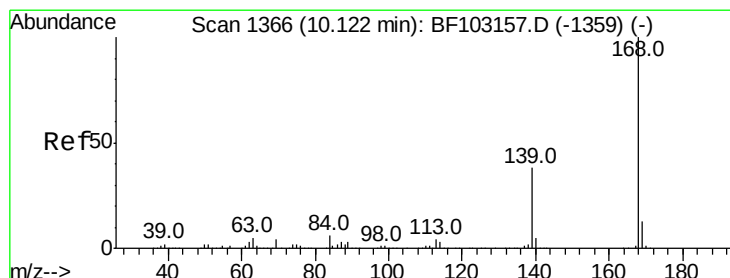
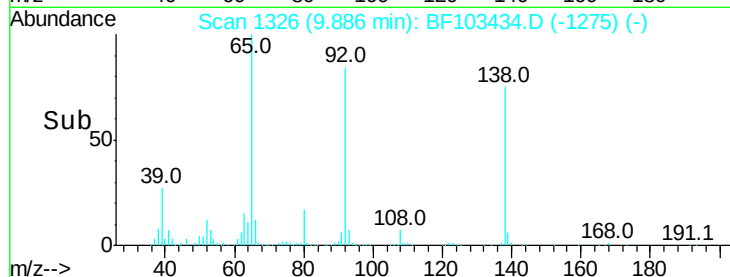
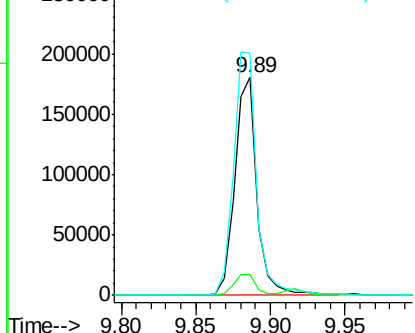
#52
3-Nitroaniline
Concen: 45.571 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 187199
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 111.4 89.4 134.2

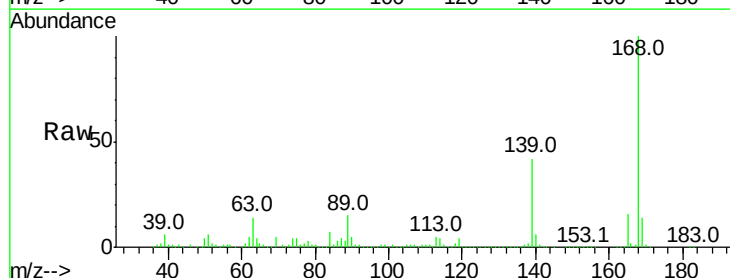


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

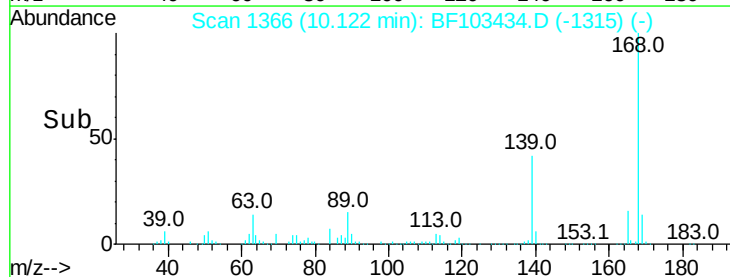
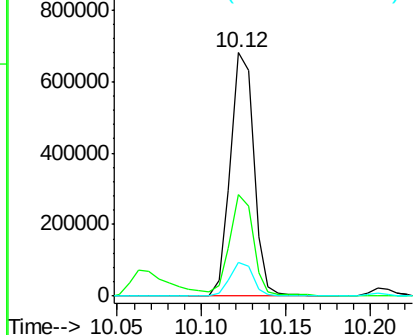


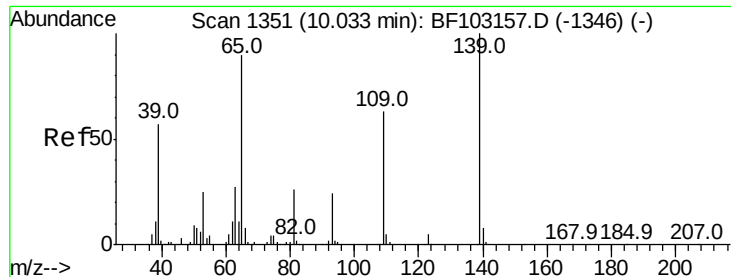
#54
Dibenzofuran
Concen: 42.013 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:168 Resp: 659717
Ion Ratio Lower Upper
168 100
139 41.8 30.1 45.1
169 13.8 10.9 16.3



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

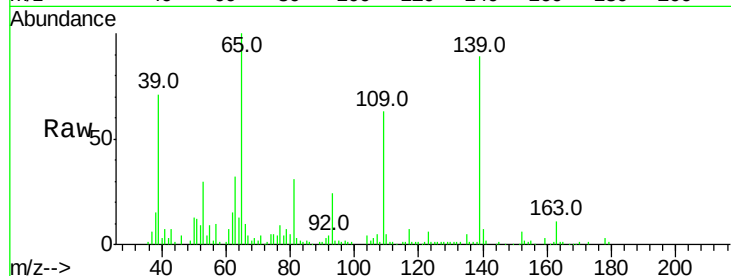




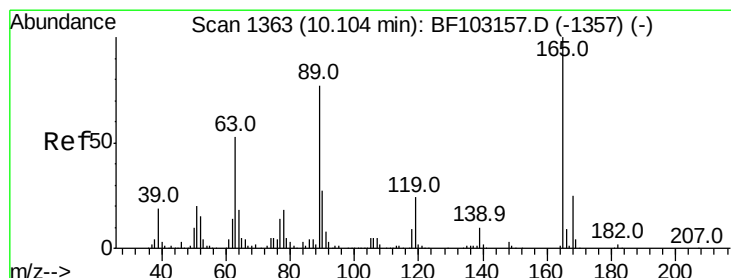
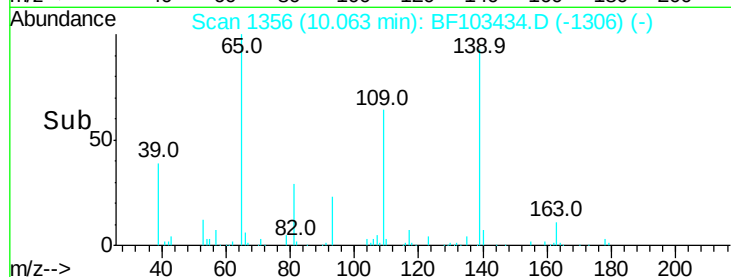
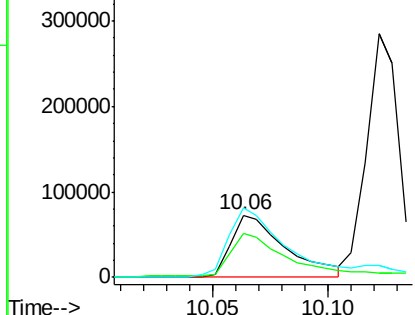
#55
4-Nitrophenol
Concen: 46.348 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 117998
Ion Ratio Lower Upper
139 100
109 71.3 48.4 88.4
65 112.8 72.6 112.6#

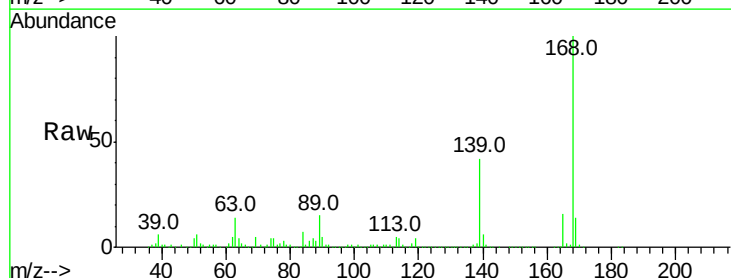


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

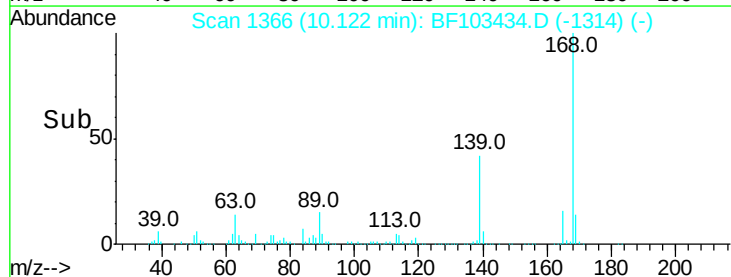
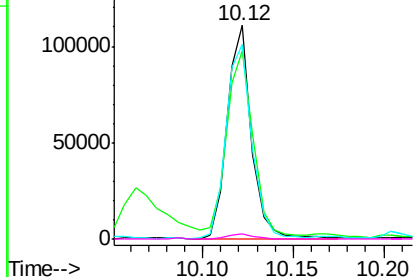


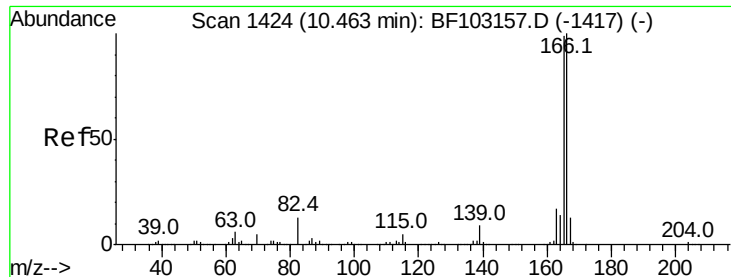
#56
2,4-Dinitrotoluene
Concen: 25.063 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:165 Resp: 102630
Ion Ratio Lower Upper
165 100
63 88.4 36.4 54.6#
89 91.1 57.8 86.6#
182 2.2 1.6 2.4



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

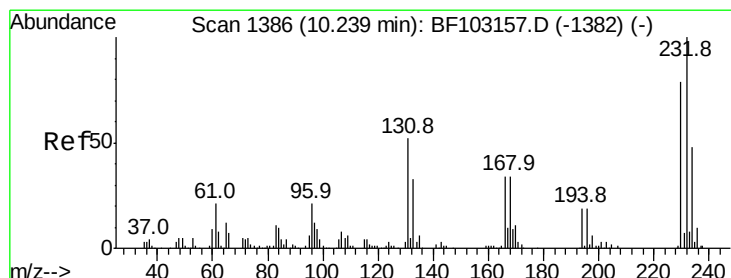
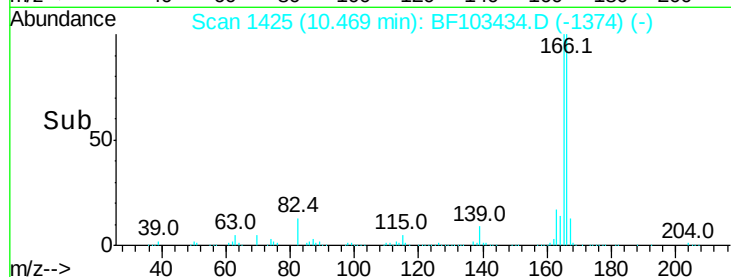
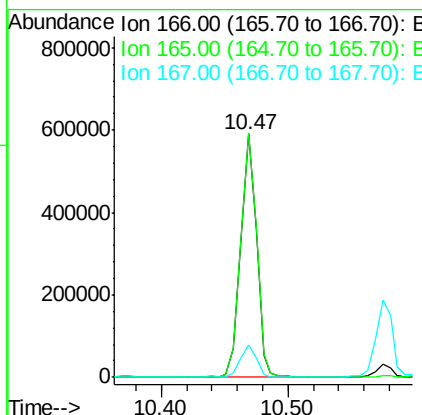
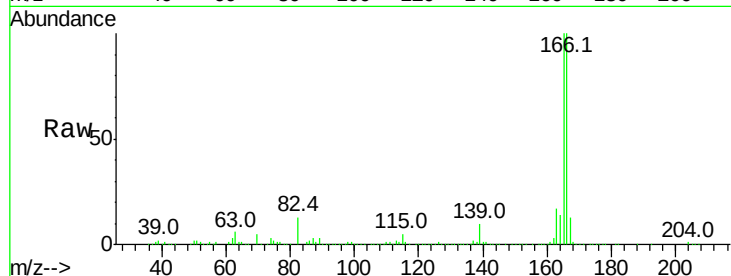




#57
 Fluorene
 Concen: 37.981 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

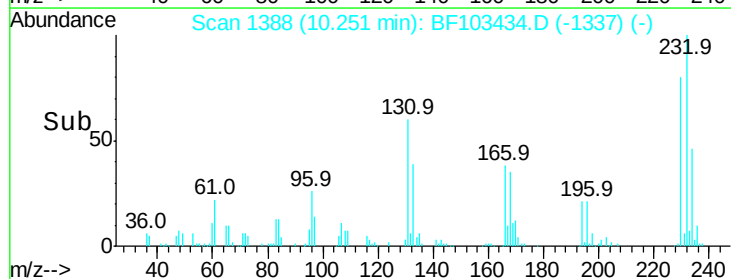
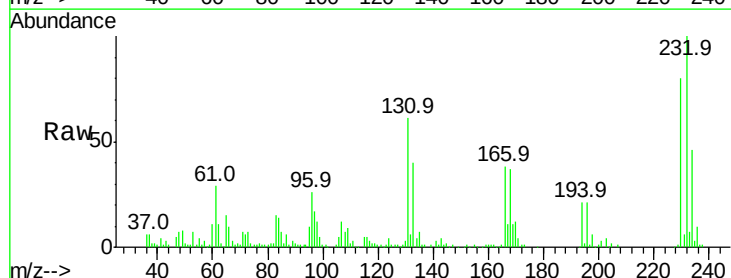
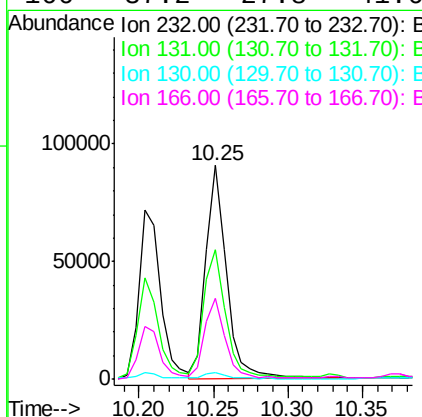
Instrument :
 BNA_F
 ClientSampleId :

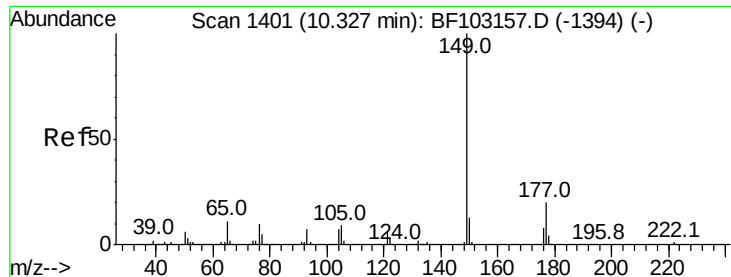
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.663 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	63.8	43.8	65.8
130	3.9	2.1	3.1#
166	37.2	27.8	41.6

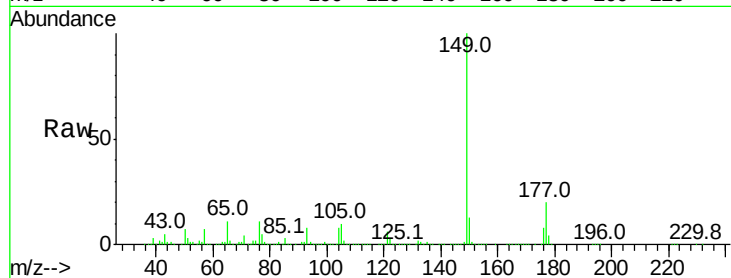




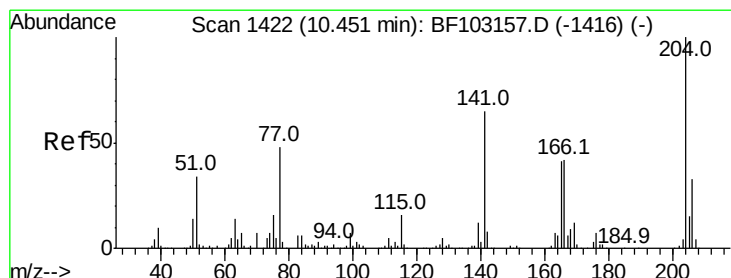
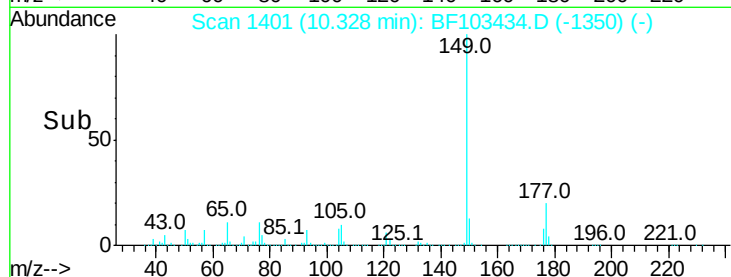
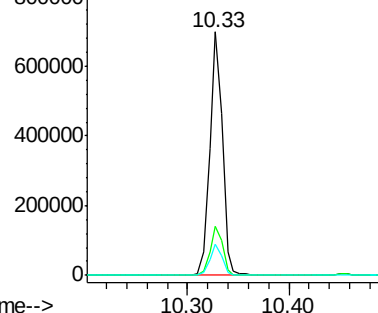
#59
Diethylphthalate
Concen: 40.514 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 597843
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.6 10.1 15.1

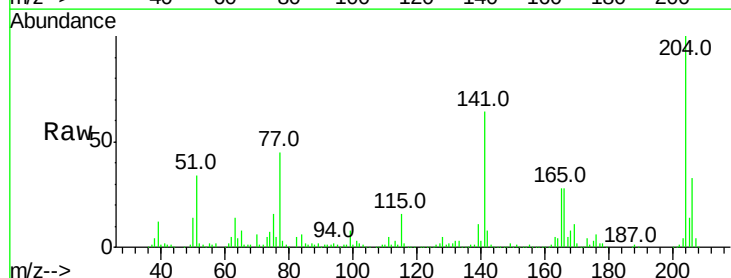


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

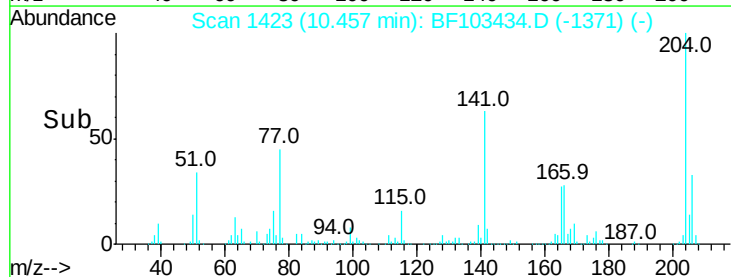
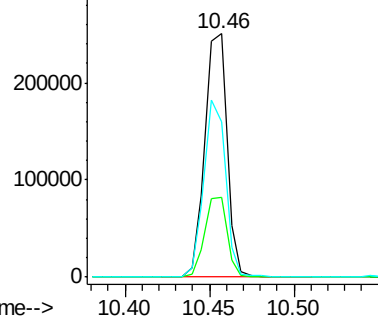


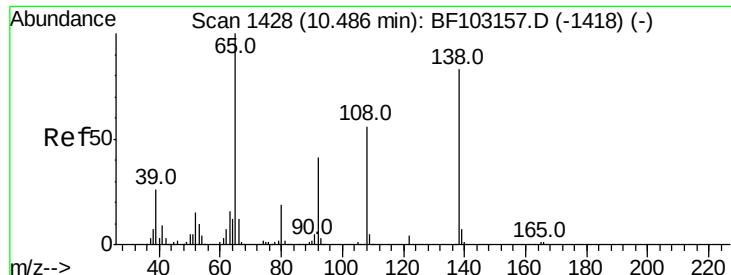
#60
4-Chlorophenyl-phenylether
Concen: 40.402 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:204 Resp: 229185
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.8 54.6 81.8



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

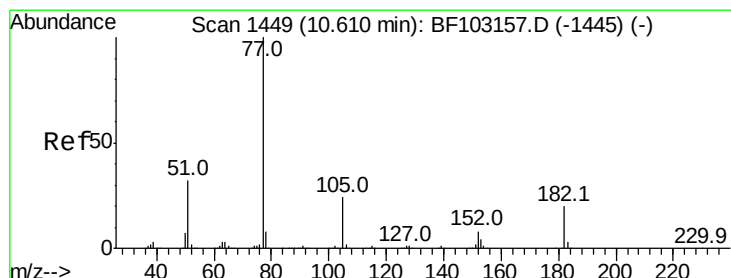
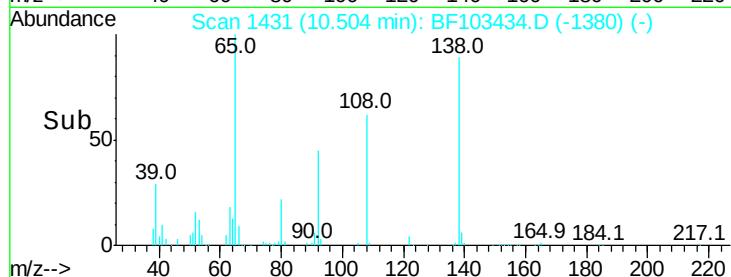
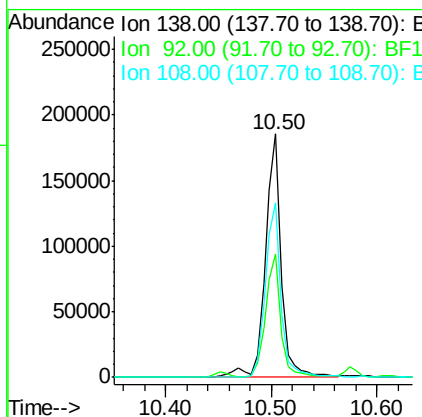
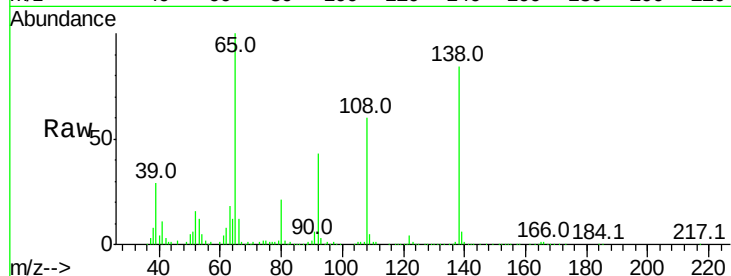




#61
4-Nitroaniline
Concen: 47.568 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

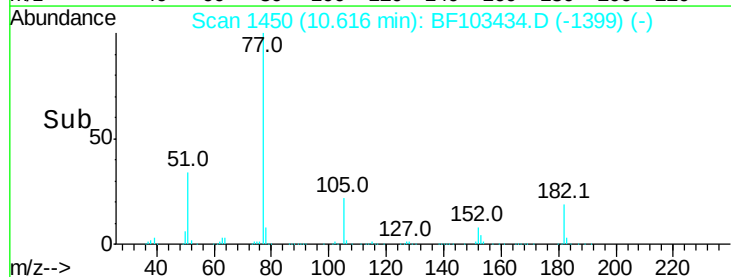
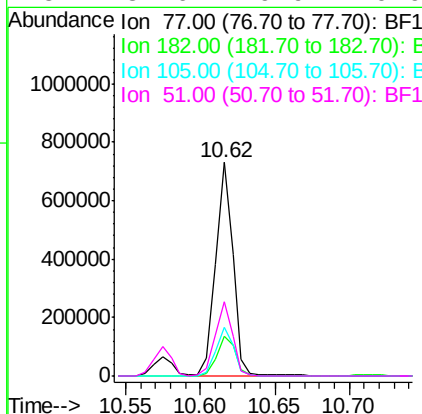
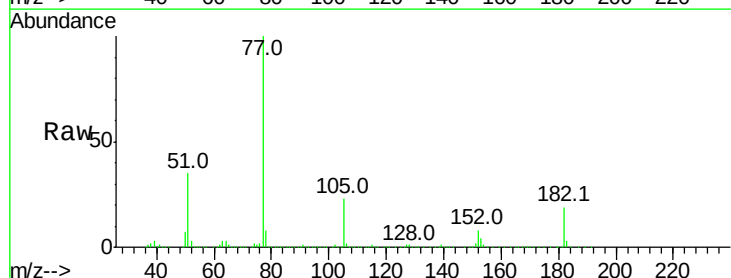
Instrument :
BNA_F
ClientSampled :

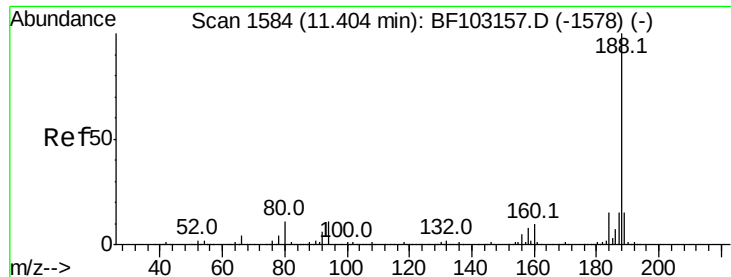
Tot Ion:138 Resp: 195172
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 71.7 52.5 92.5



#62
Azobenzene
Concen: 39.166 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion: 77 Resp: 588285
Ion Ratio Lower Upper
77 100
182 18.6 1.7 41.7
105 23.0 3.0 43.0
51 34.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

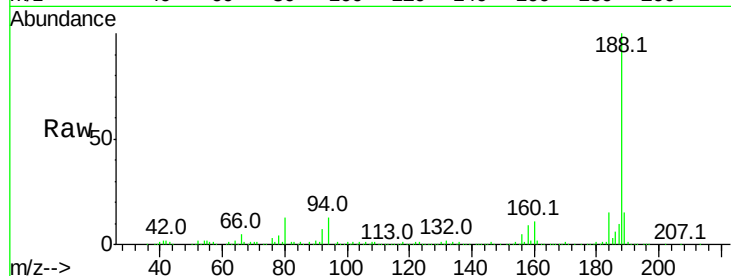
Tot Ion:188 Resp: 291664

Ion Ratio Lower Upper

188 100

94 12.7 8.5 12.7

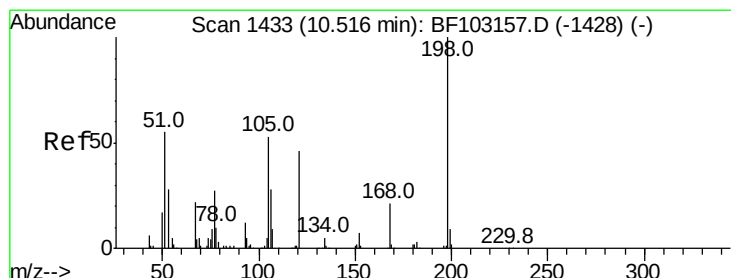
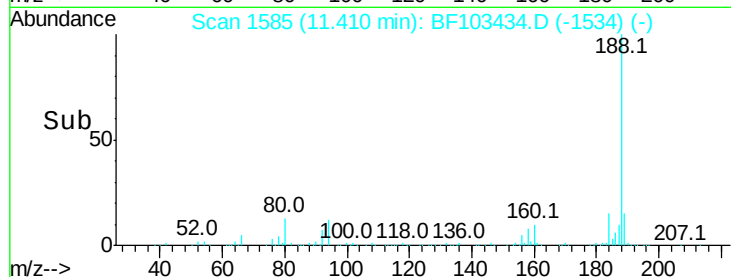
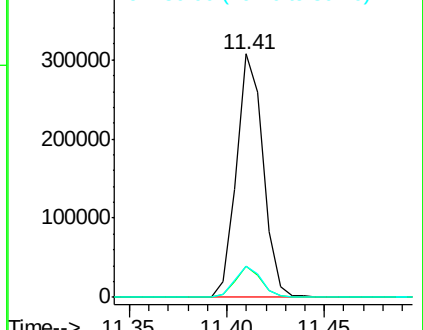
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.170 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.18 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

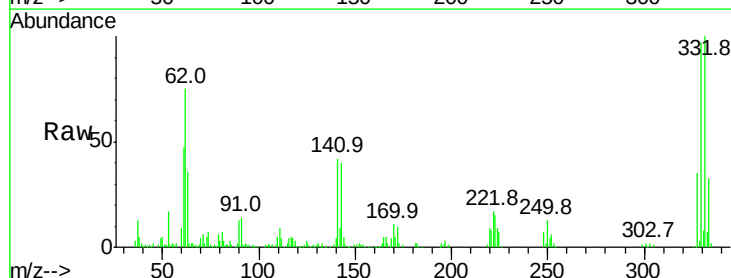
Tgt Ion:198 Resp: 445

Ion Ratio Lower Upper

198 100

51 350.0 37.7 77.7#

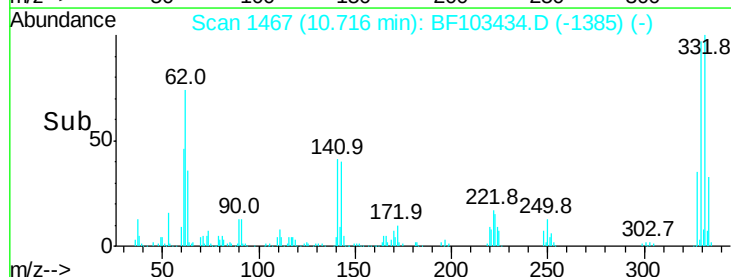
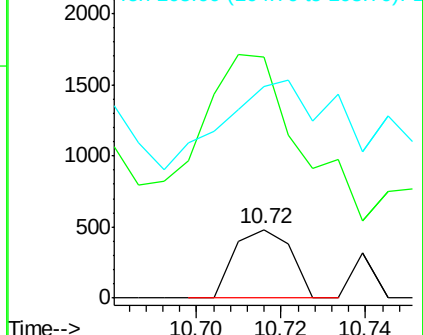
105 306.8 36.3 76.3#

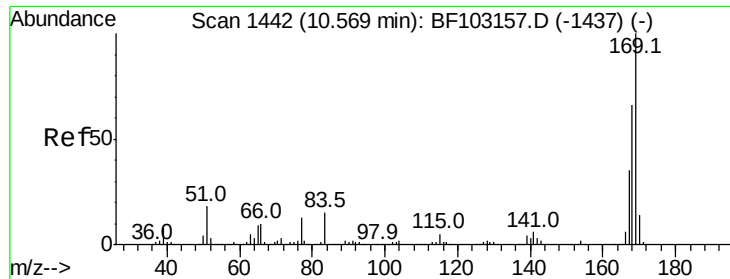


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.420 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

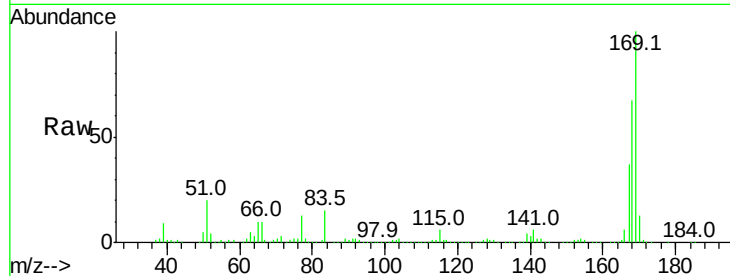
Tot Ion:169 Resp: 451096

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

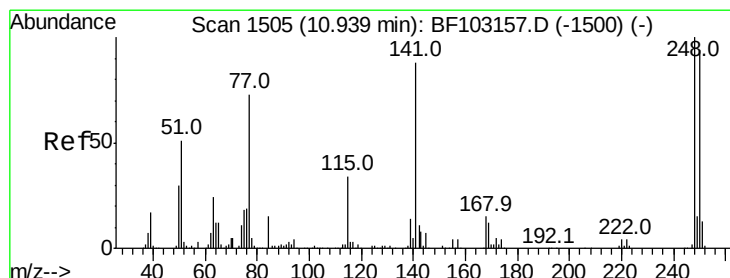
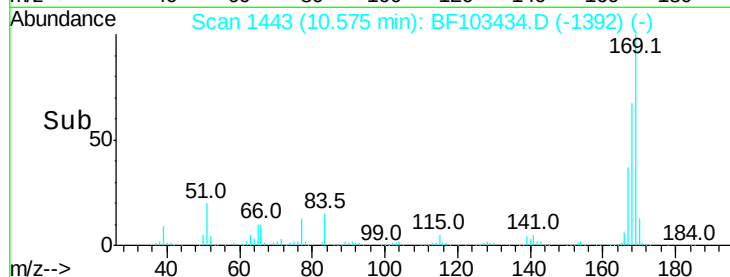
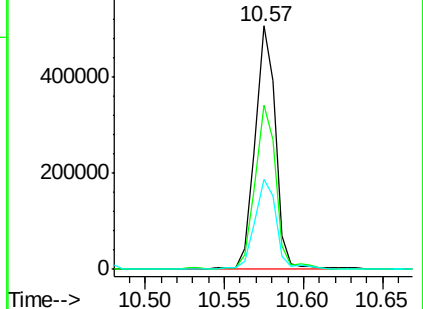
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.572 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

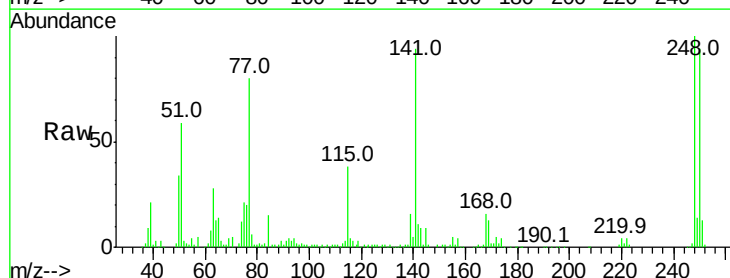
Tgt Ion:248 Resp: 126307

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

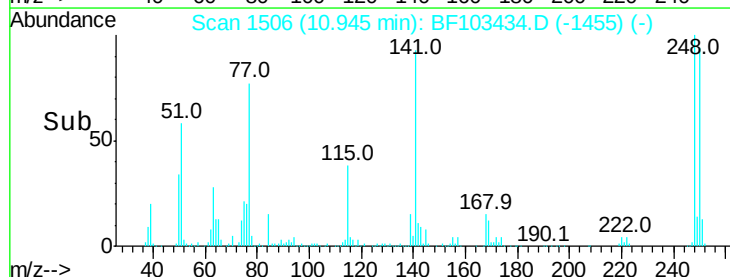
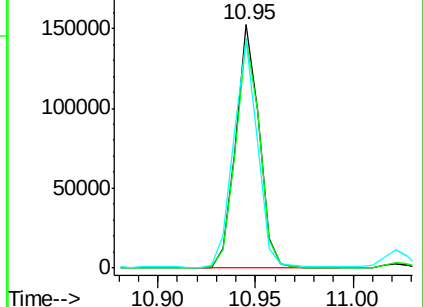
141 93.5 74.4 111.6

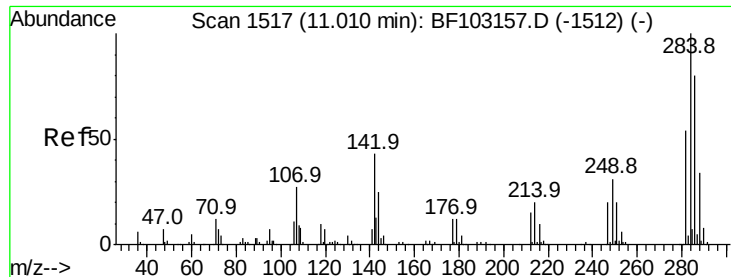


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

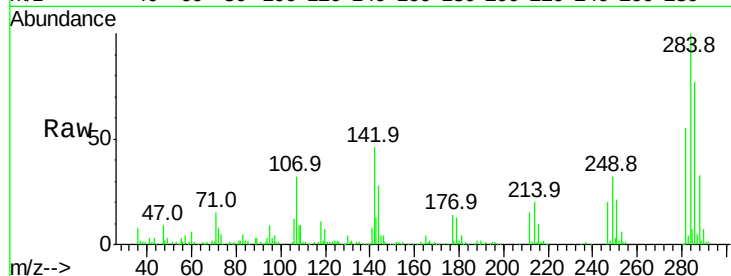




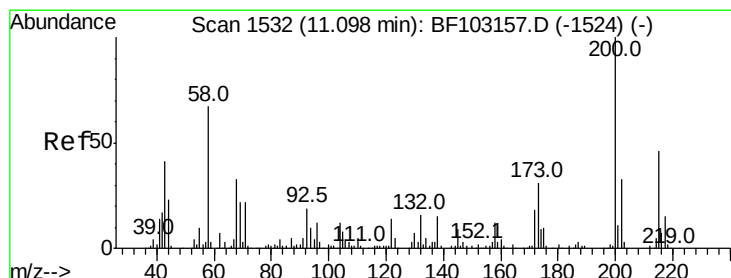
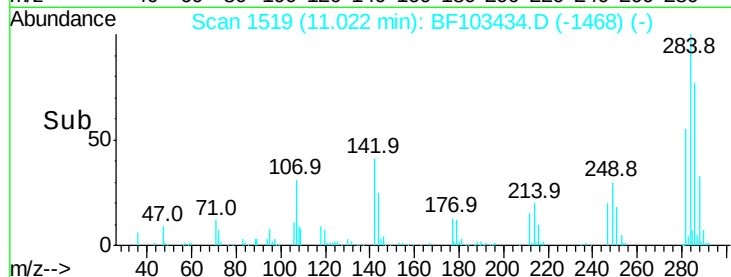
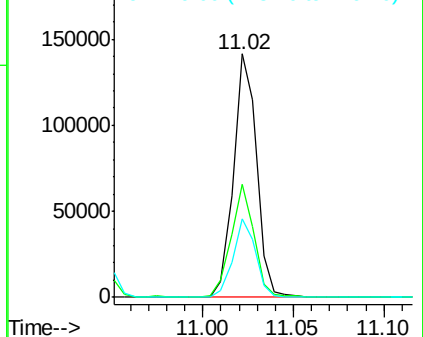
#67
Hexachlorobenzene
Concen: 38.103 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 125654
Ion Ratio Lower Upper
284 100
142 46.5 34.6 52.0
249 32.1 24.8 37.2

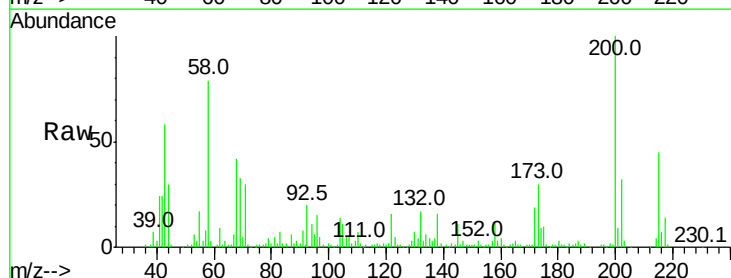


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

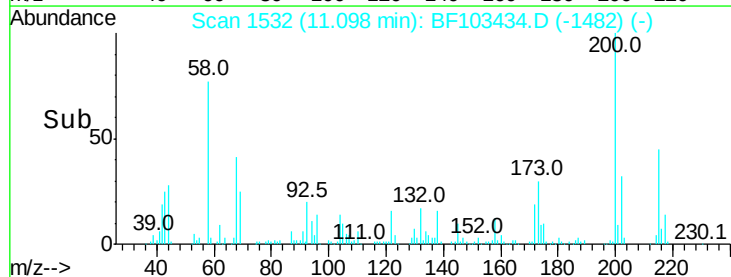
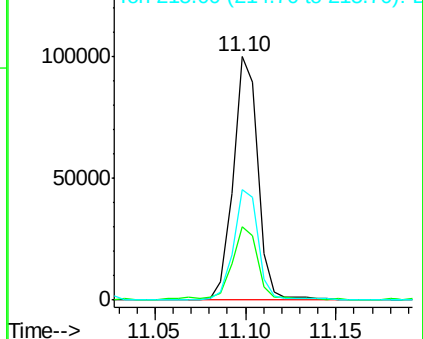


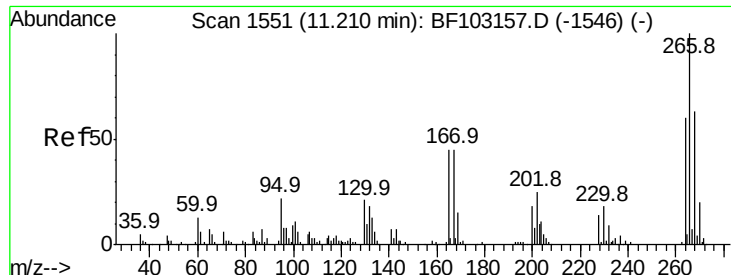
#68
Atrazine
Concen: 30.983 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:200 Resp: 94571
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 45.2 25.1 65.1



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

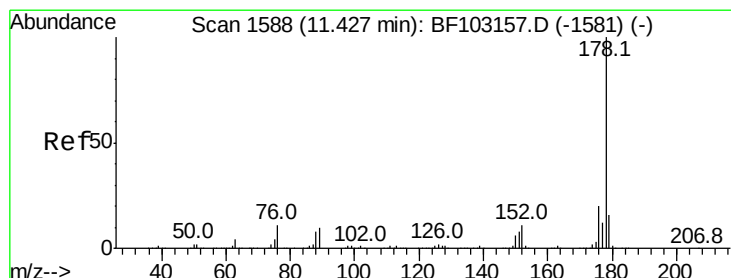
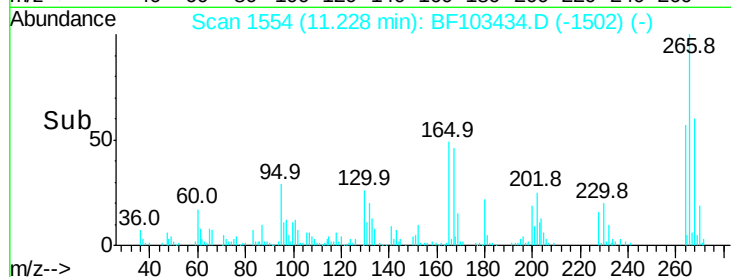
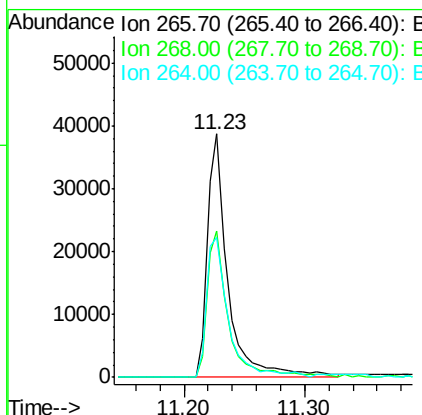
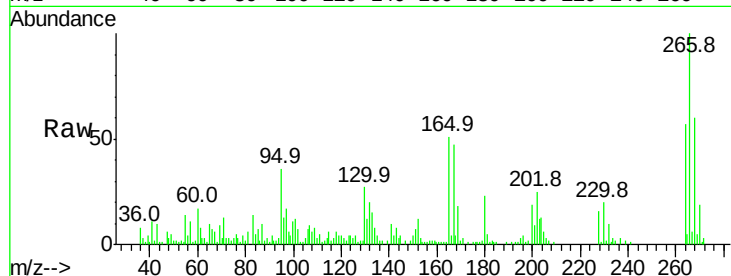




#69
 Pentachlorophenol
 Concen: 28.499 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

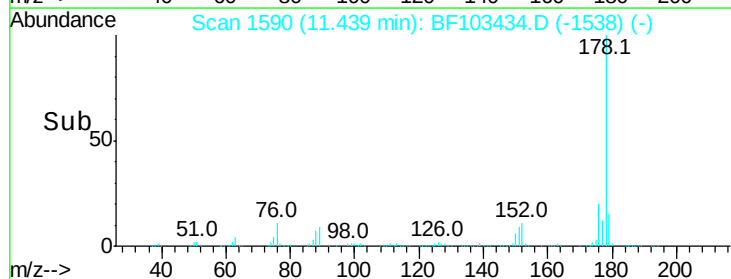
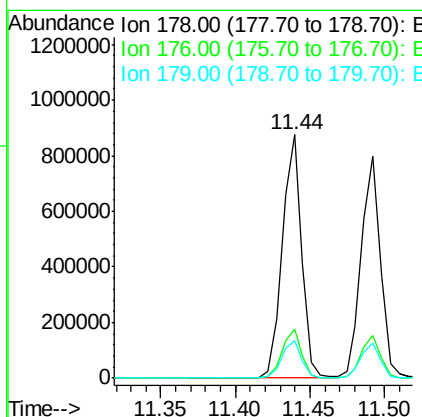
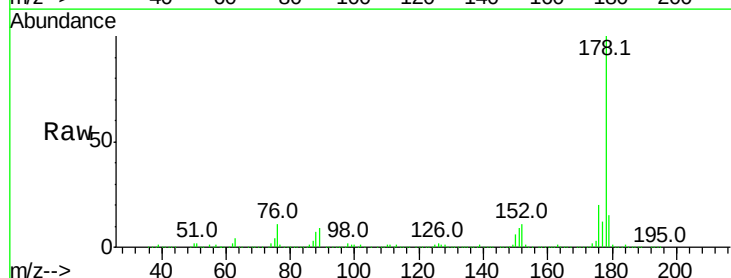
Instrument :
 BNA_F
 ClientSampled :

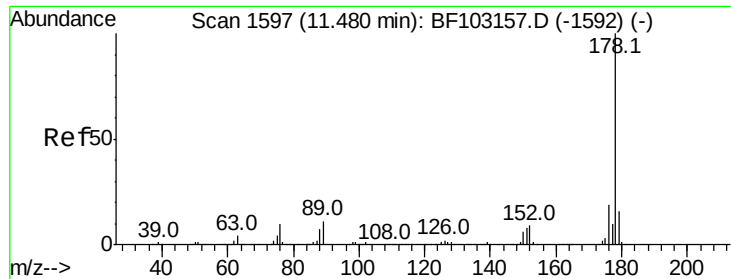
Tot Ion:266 Resp: 45442
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.1 76.7
 264 57.5 49.5 74.3



#70
 Phenanthrene
 Concen: 49.882 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:178 Resp: 800660
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.3 13.0 19.6

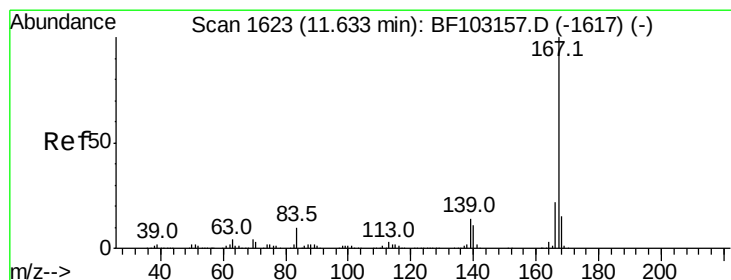
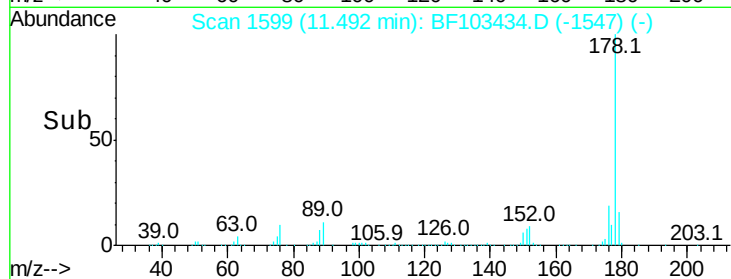
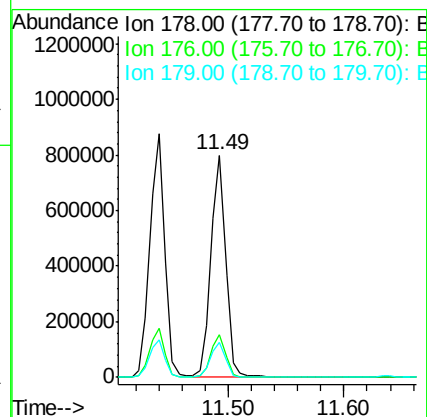
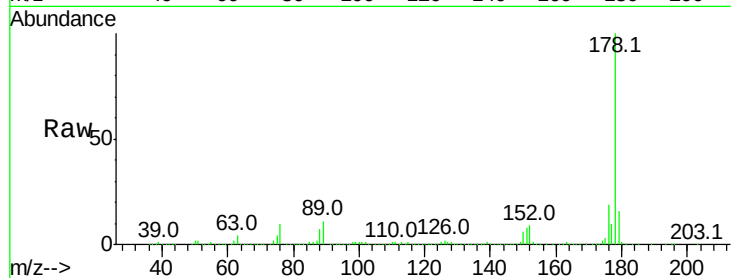




#71
 Anthracene
 Concen: 43.651 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

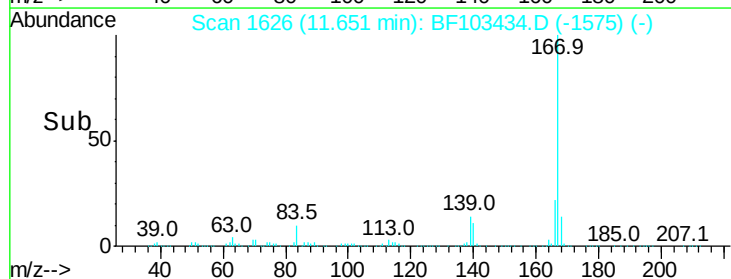
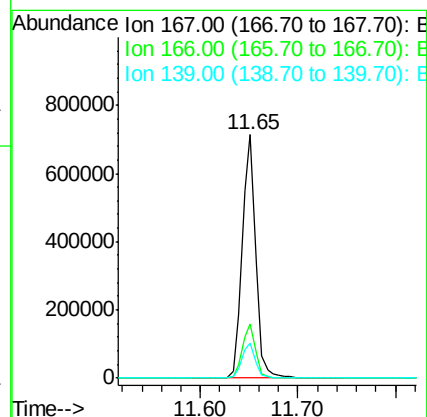
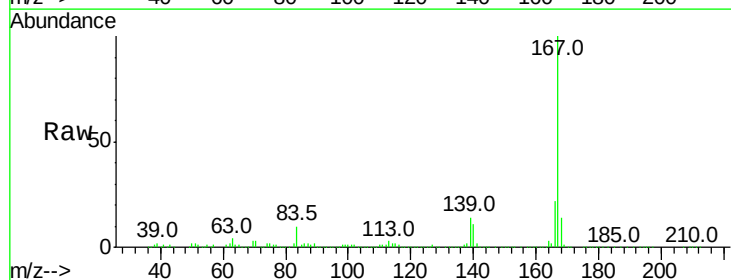
Instrument :
 BNA_F
 ClientSampled :

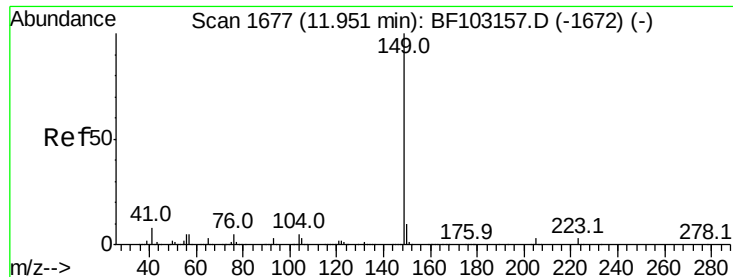
Tot Ion:178 Resp: 718475
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.443 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:167 Resp: 679280
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.018 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

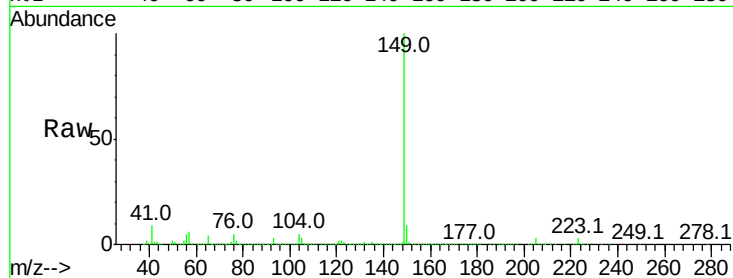
Tot Ion:149 Resp: 861787

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

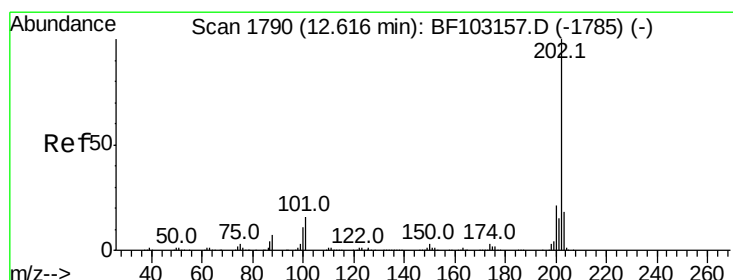
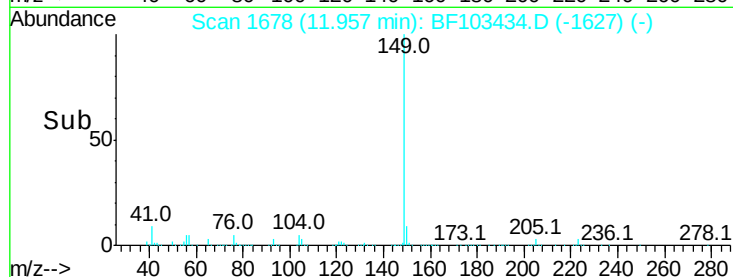
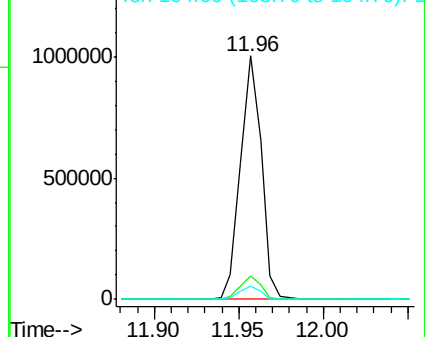
104 5.3 3.8 5.8



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: 54.968 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

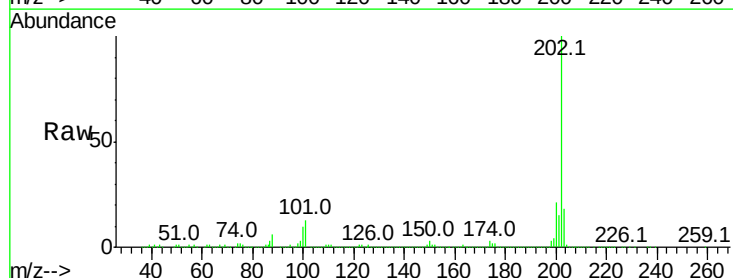
Tgt Ion:202 Resp: 886610

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

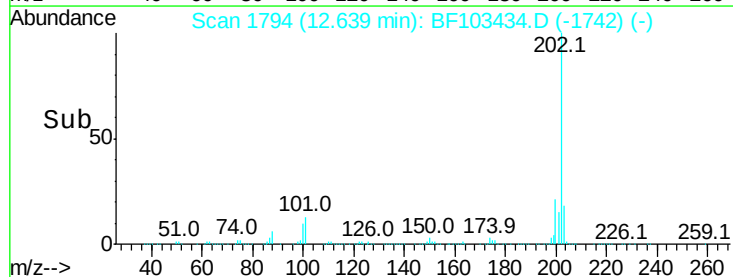
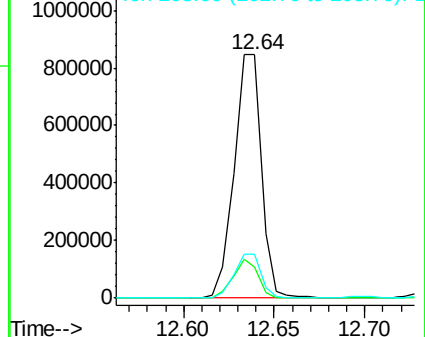
203 17.9 0.0 38.1

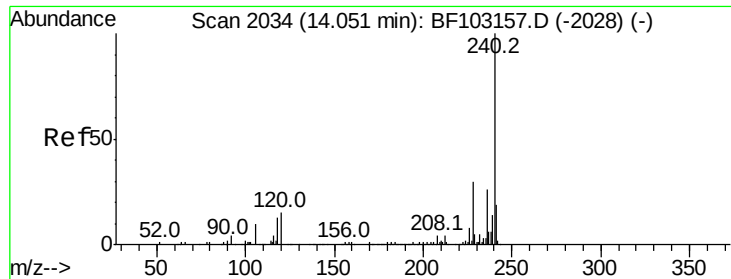


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampled :

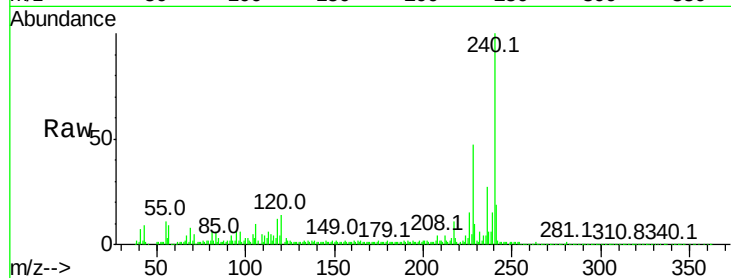
Tot Ion:240 Resp: 156941

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

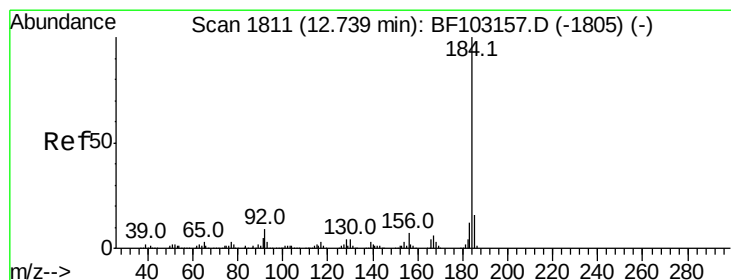
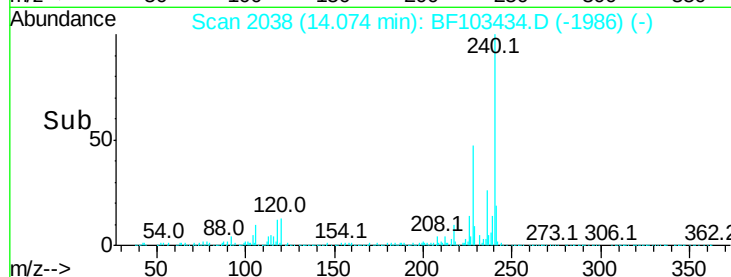
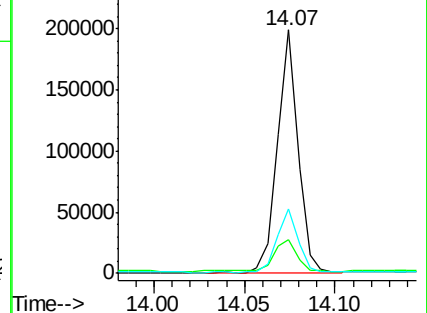
236 26.7 20.7 31.1



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: 41.672 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

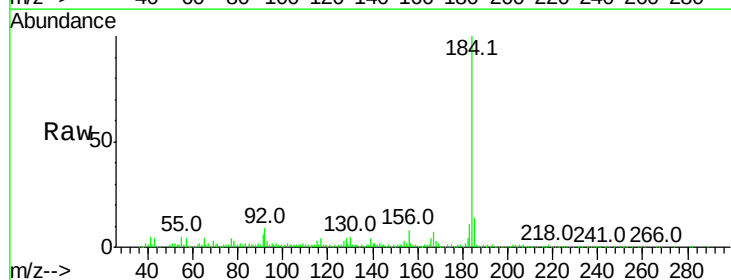
Tgt Ion:184 Resp: 244499

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

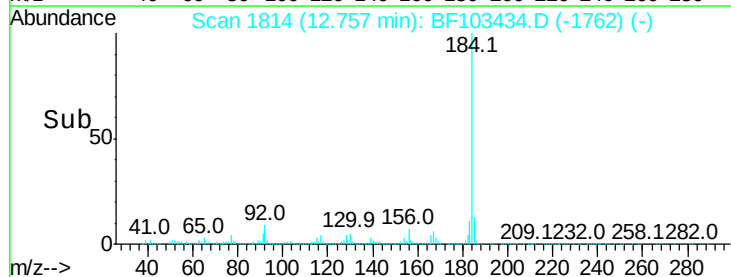
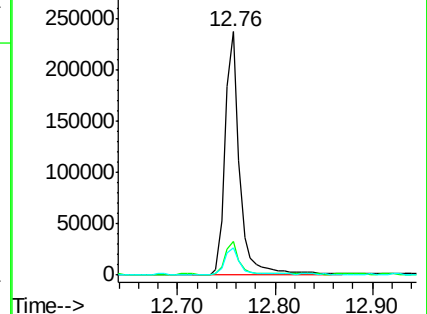
183 11.5 9.3 13.9

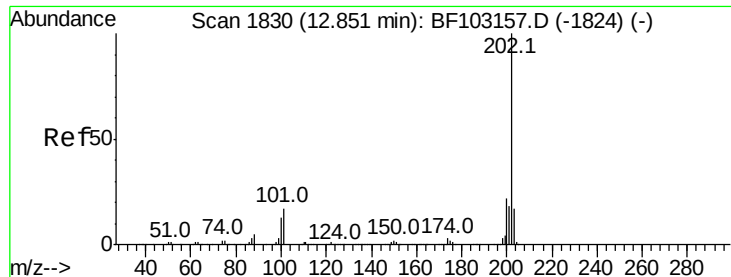


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

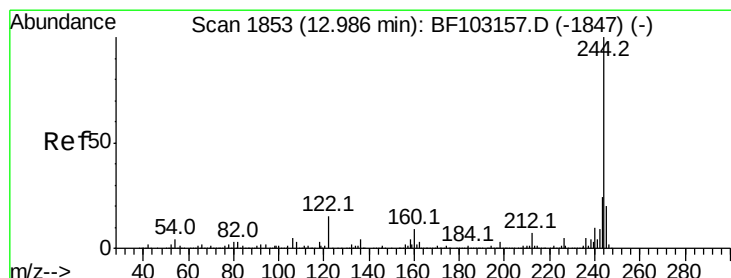
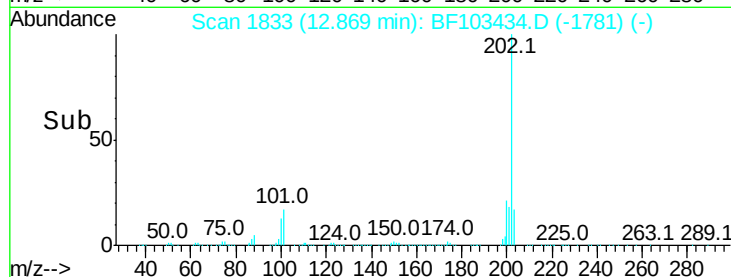
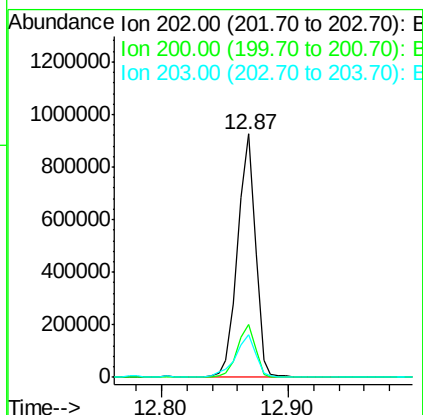
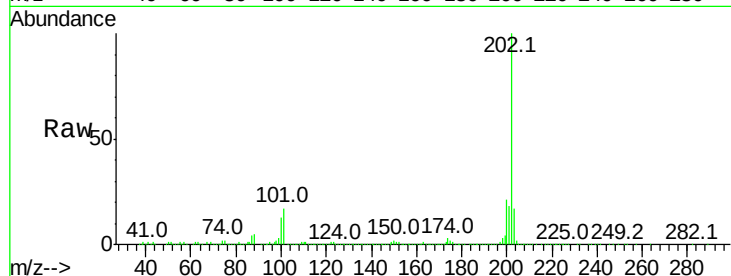




#77
Pvrene
Concen: 73.091 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

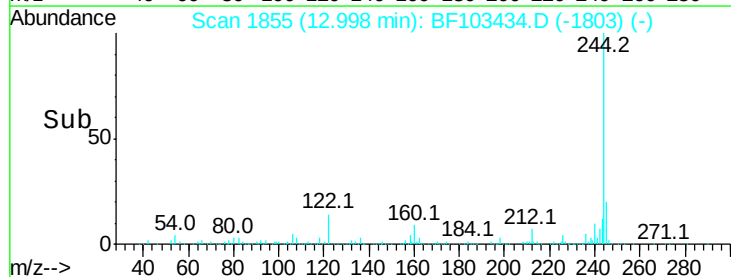
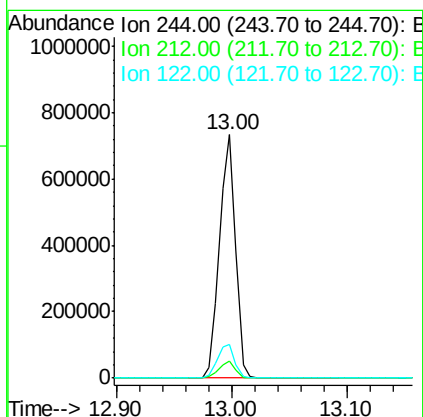
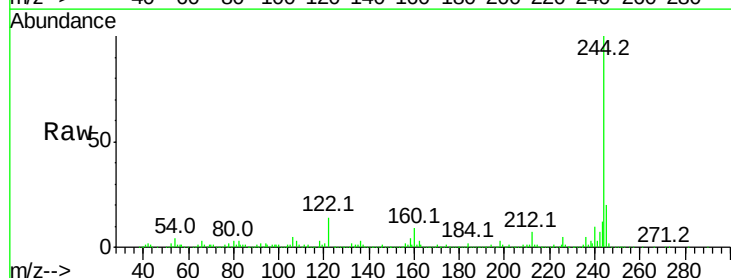
Instrument :
BNA_F
ClientSampleId :

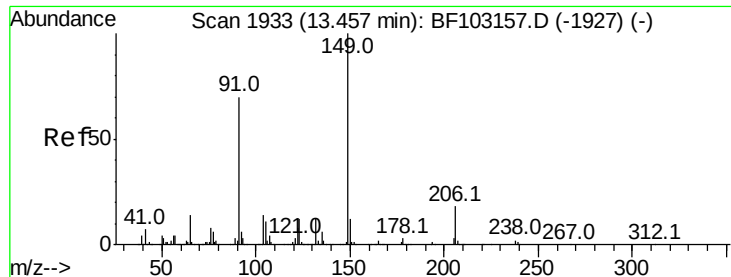
Tot Ion:202 Resp: 894352
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 108.705 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:244 Resp: 709701
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.1 11.0 16.4





#79

Butylbenzylphthalate

Concen: 52.282 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

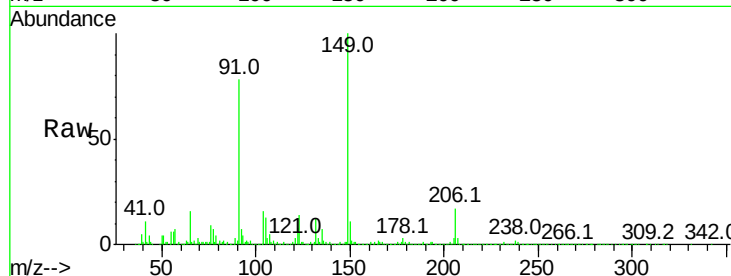
Tot Ion:149 Resp: 337991

Ion Ratio Lower Upper

149 100

91 78.2 56.8 85.2

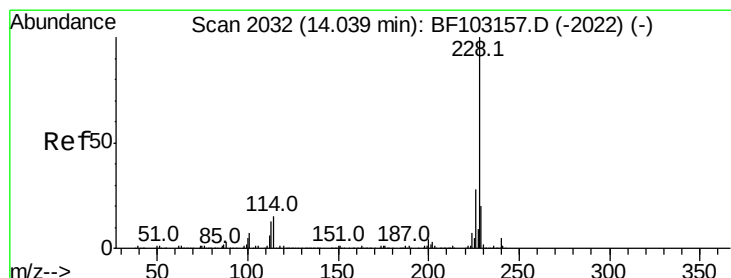
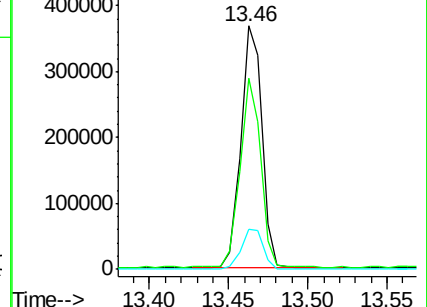
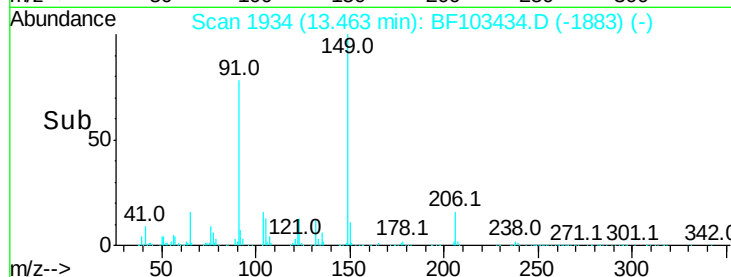
206 16.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.119 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

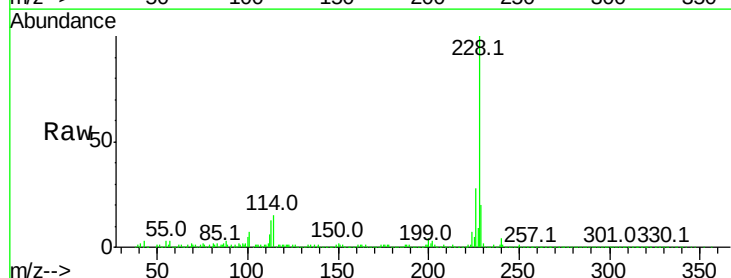
Tgt Ion:228 Resp: 551091

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

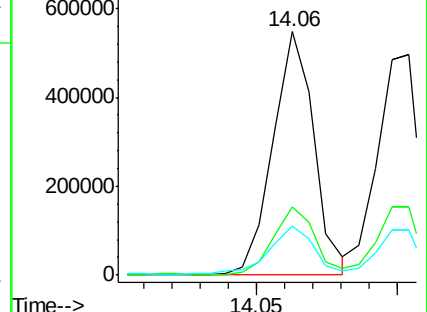
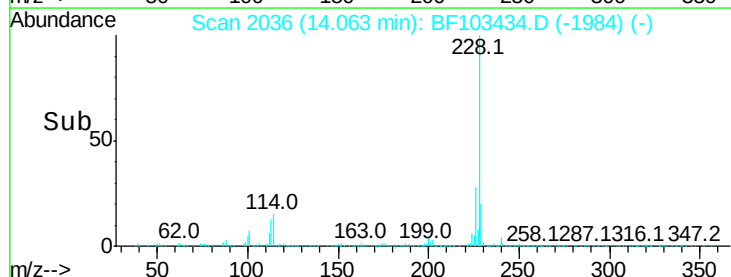
229 20.2 15.8 23.6

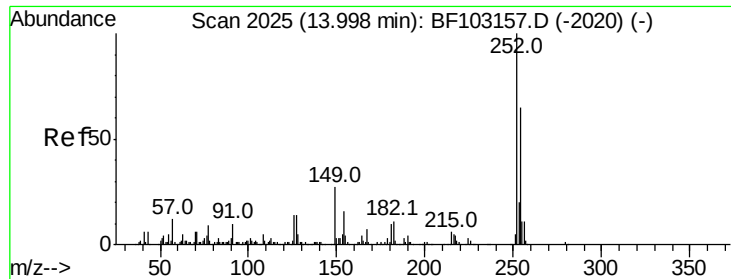


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

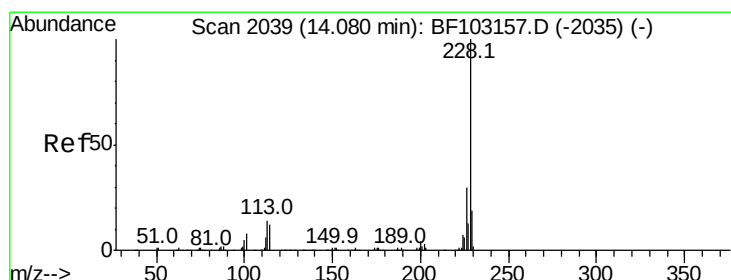
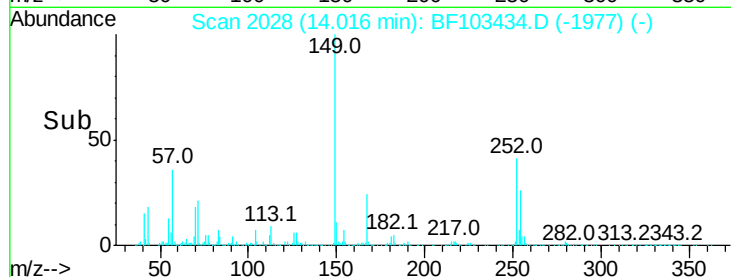
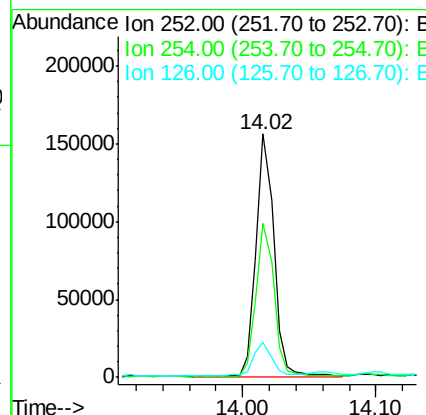
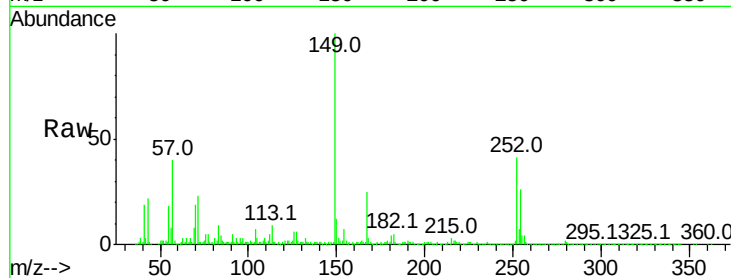




#81
 3,3'-Dichlorobenzidine
 Concen: 39.309 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

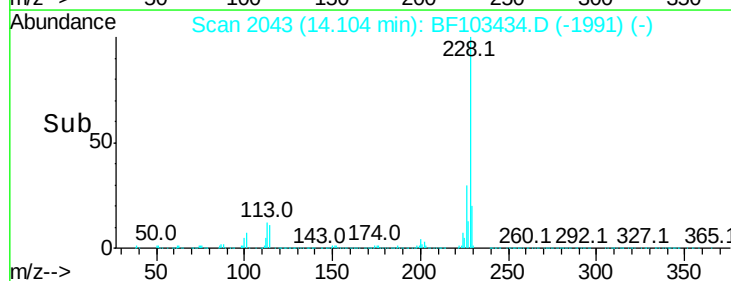
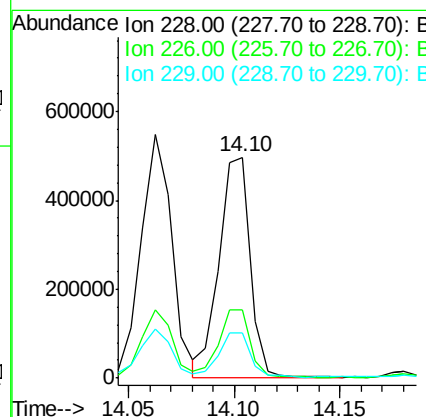
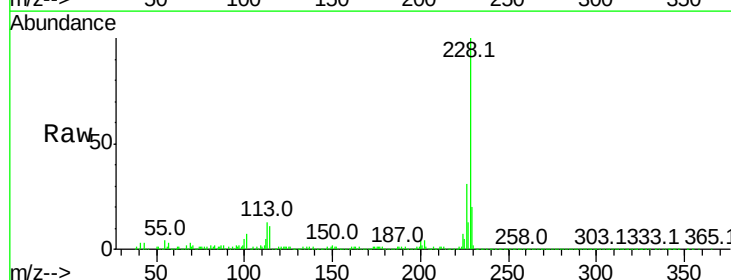
Instrument :
 BNA_F
 ClientSampleId :

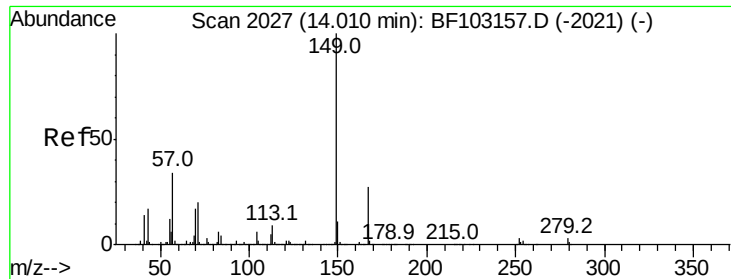
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 51.398 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.656 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

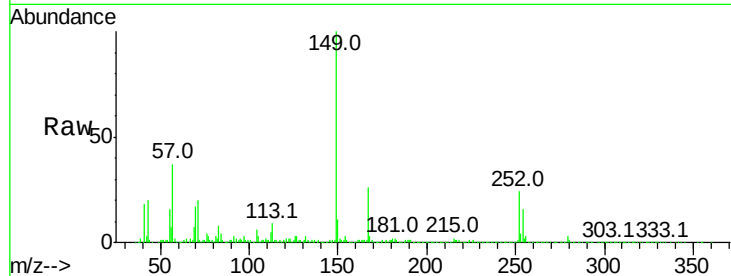
Tot Ion:149 Resp: 424474

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

279 3.1 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

600000

500000

400000

300000

200000

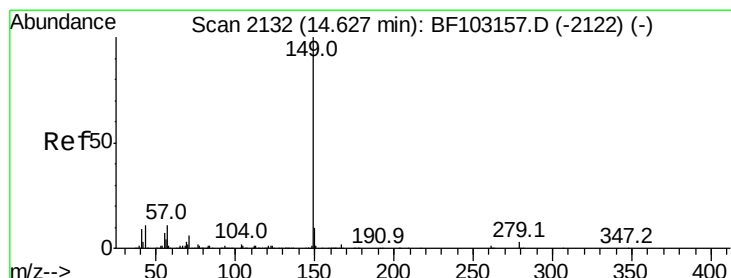
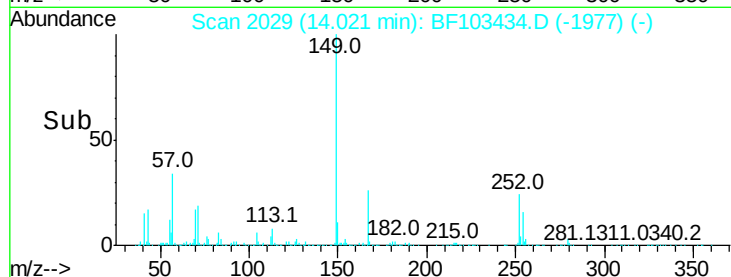
100000

0

14.02

14.00 14.05

Time-->



#84

Di-n-octyl phthalate

Concen: 45.907 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

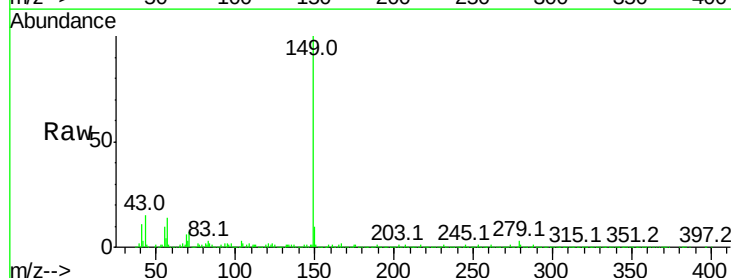
Tgt Ion:149 Resp: 647072

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.3 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

1000000

800000

600000

400000

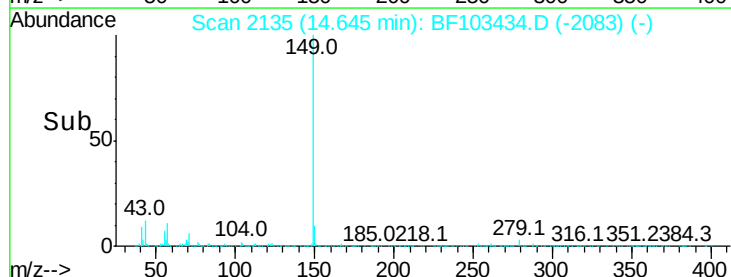
200000

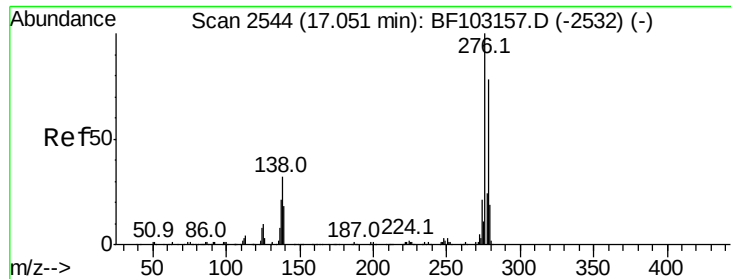
0

14.64

14.60 14.70

Time-->

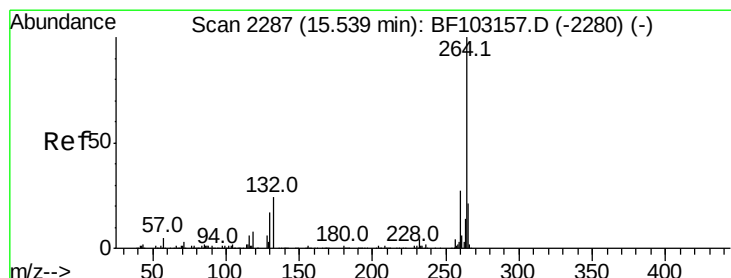
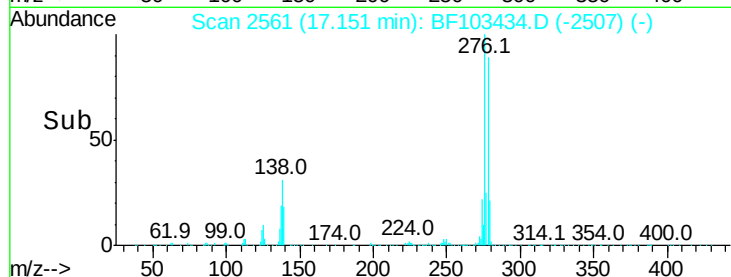
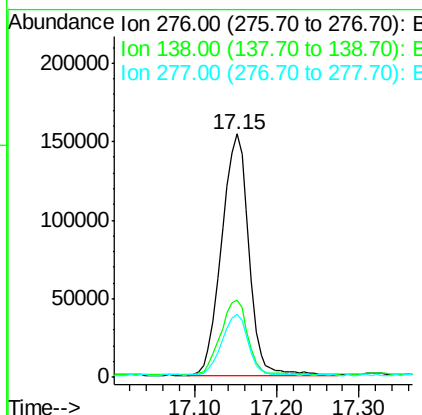
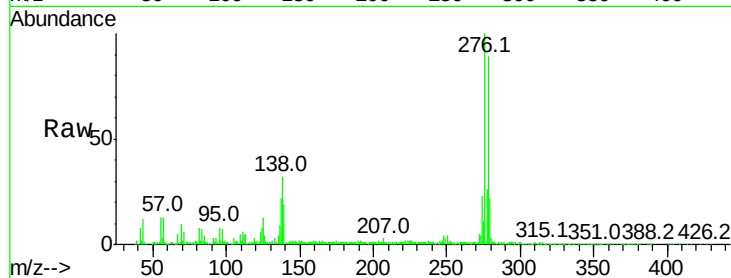




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.590 ng
 RT: 17.15 min Scan# 2561
 Delta R.T. 0.02 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

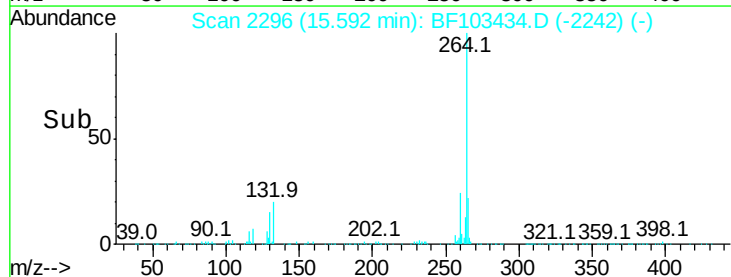
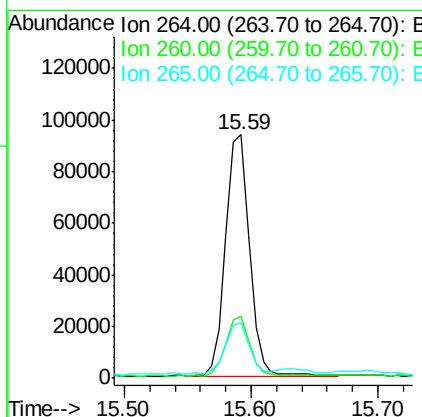
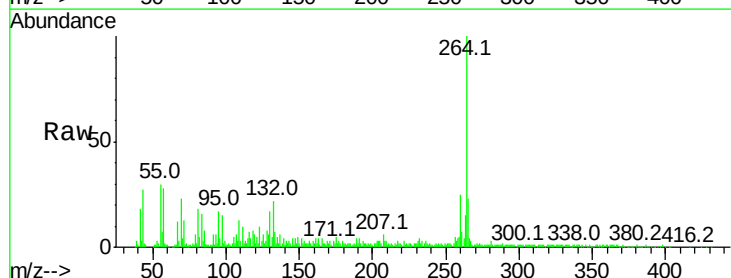
Instrument :
 BNA_F
 ClientSampleId :

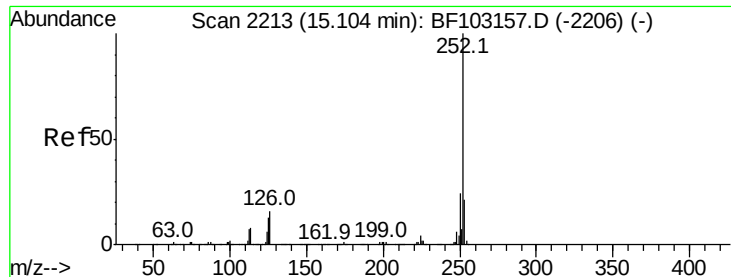
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	24.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.02 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	23.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 53.568 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampled :

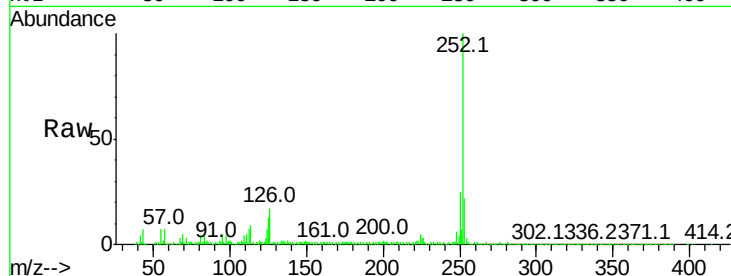
Tot Ion:252 Resp: 430400

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

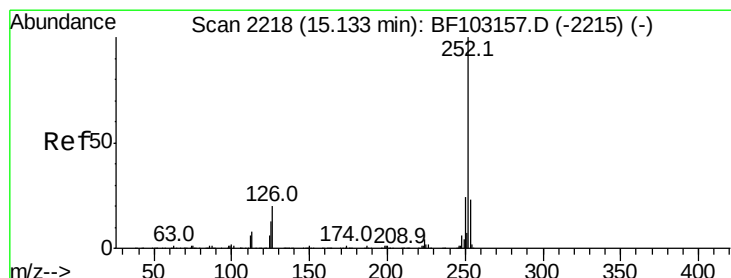
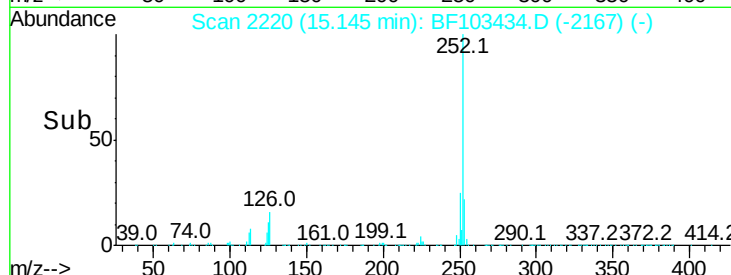
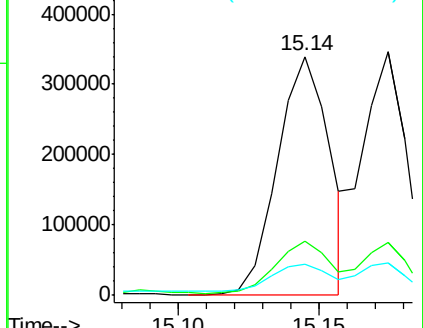
125 13.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.832 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

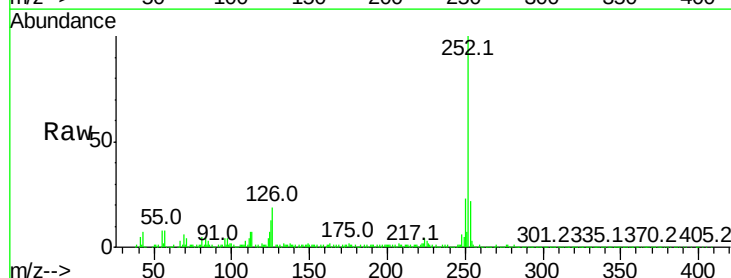
Tgt Ion:252 Resp: 377023

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

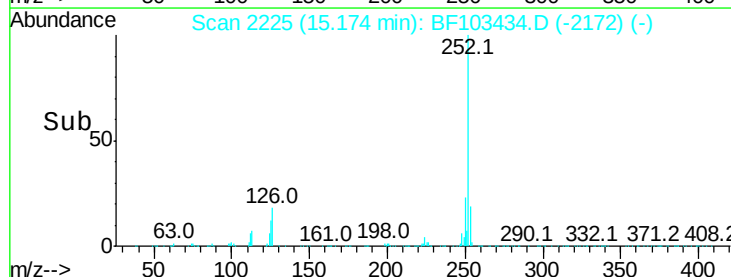
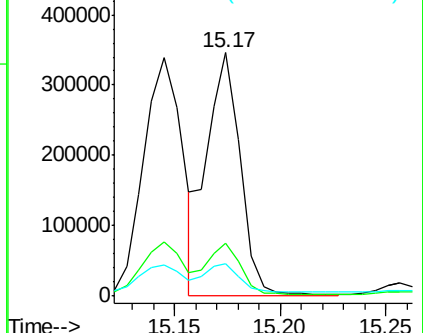
125 13.5 10.2 15.2

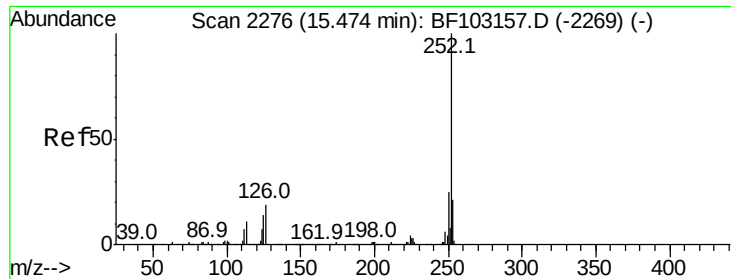


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.701 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

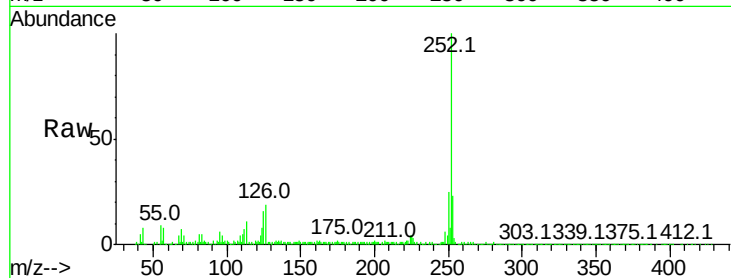
Tot Ion:252 Resp: 378125

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

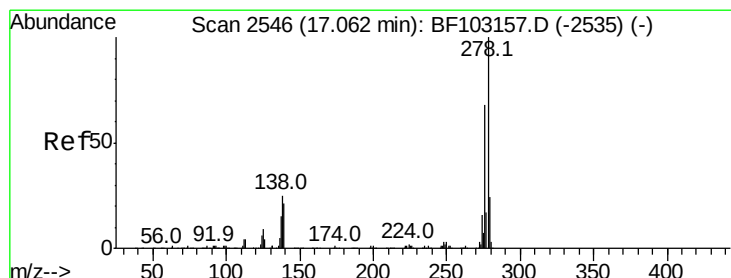
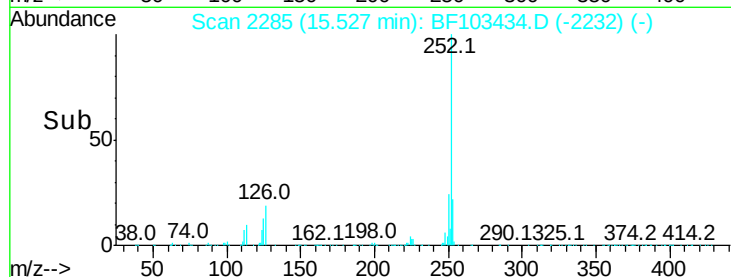
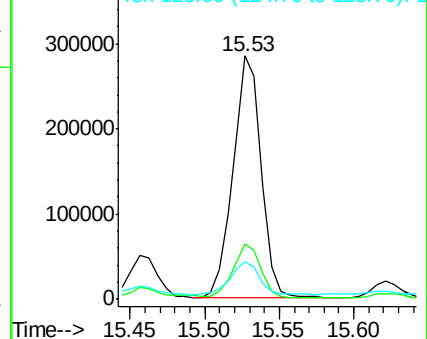
125 15.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.087 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.02 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

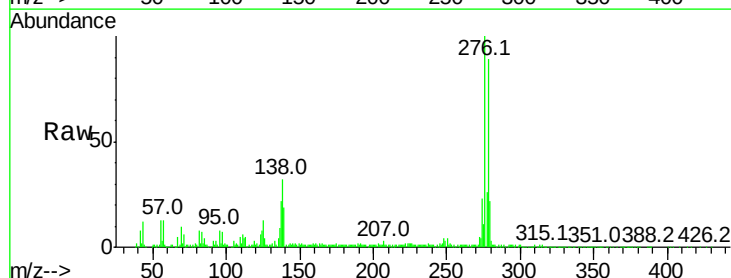
Tgt Ion:278 Resp: 266605

Ion Ratio Lower Upper

278 100

139 21.7 15.9 23.9

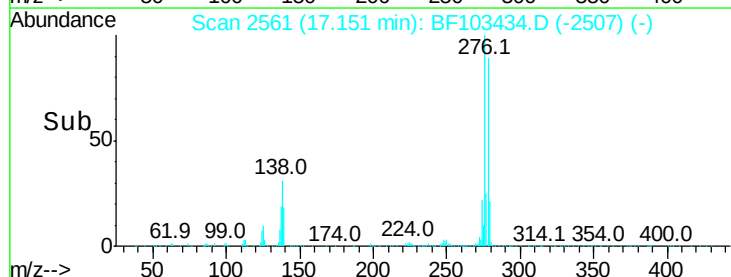
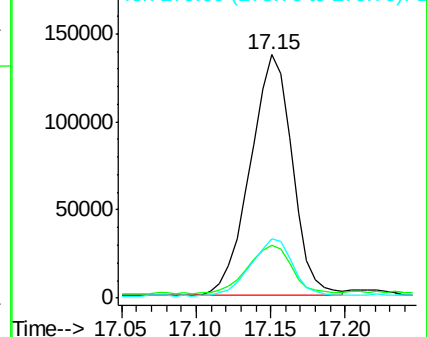
279 24.6 19.0 28.4

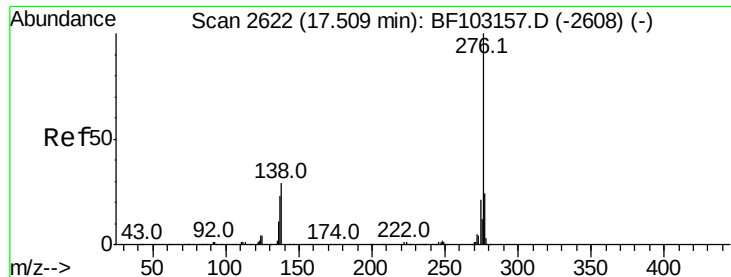


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

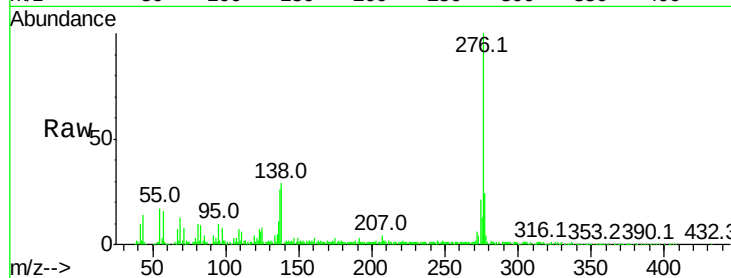




#91
 Benzo(a,h,i)perylene
 Concen: 54.964 ng
 RT: 17.62 min Scan# 2641
 Delta R.T. 0.03 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.7	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

