

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103437.D
 Acq On : 6 Mar 2018 3:58
 Operator : SJ/JU
 Sample : J1786-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:00:44 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	116359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	458037	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	187825	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	287703	20.00	ng	0.00
75) Chrysene-d12	14.07	240	160772	20.00	ng	0.00
86) Perylene-d12	15.58	264	124223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	669706	87.05	ng	0.00
7) Phenol-d6	6.52	99	777714	82.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	473043	58.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	101862	64.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	617582	51.31	ng	0.00
78) Terphenyl-d14	12.99	244	424003	63.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	101171	24.898	ng	92
3) Pyridine	3.48	79	263454	24.286	ng	98
4) n-Nitrosodimethylamine	3.40	42	137838	31.505	ng	98
6) Aniline	6.54	93	181736	13.376	ng	# 31
8) 2-Chlorophenol	6.66	128	242177	30.301	ng	91
9) Benzaldehyde	6.43	77	98902	14.310	ng	95
10) Phenol	6.53	94	316213	28.934	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	243599	29.368	ng	93
12) 1,3-Dichlorobenzene	6.82	146	246901	27.033	ng	97
13) 1,4-Dichlorobenzene	6.89	146	254346	27.776	ng	98
14) 1,2-Dichlorobenzene	7.05	146	231959	27.472	ng	98
15) Benzyl Alcohol	7.02	79	187975	26.498	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	379167	26.620	ng	67
17) 2-Methylphenol	7.13	107	199450	27.461	ng	# 85
18) Hexachloroethane	7.37	117	44766	13.429	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	184349	31.464	ng	93
20) 3+4-Methylphenols	7.29	107	272060	30.728	ng	# 83
22) Acetophenone	7.28	105	345310	32.298	ng	# 94
24) Nitrobenzene	7.46	77	268366	30.391	ng	93
25) Isophorone	7.69	82	477780	30.246	ng	96
26) 2-Nitrophenol	7.77	139	78670	18.924	ng	93
27) 2,4-Dimethylphenol	7.81	122	213841	33.653	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	299052	32.200	ng	97
29) 2,4-Dichlorophenol	8.03	162	184407	30.312	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	173932	26.848	ng	97
31) Naphthalene	8.18	128	636375	28.378	ng	99
32) Benzoic acid	7.96	122	12896	9.255	ng	88
33) 4-Chloroaniline	8.23	127	135820	14.036	ng	# 94
34) Hexachlorobutadiene	8.29	225	86119	25.528	ng	98
35) Caprolactam	8.60	113	60971	28.516	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	204218	29.761	ng	95
37) 2-Methylnaphthalene	8.87	142	403056	27.811	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	143694	27.985	ng	98
42) 2,4,6-Trichlorophenol	9.16	196	102479	29.661	ng	98

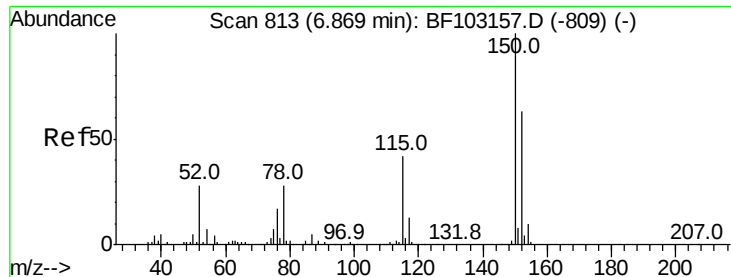
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103437.D
 Acq On : 6 Mar 2018 3:58
 Operator : SJ/JU
 Sample : J1786-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:00:44 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)
43) 2,4,5-Trichlorophenol	9.21	196	106111	26.703	ng	98
45) 1,1'-Biphenyl	9.33	154	465643	29.586	ng	98
46) 2-Chloronaphthalene	9.36	162	351573	28.235	ng	99
47) 2-Nitroaniline	9.47	65	170607	36.990	ng	85
48) Acenaphthylene	9.78	152	527855	27.553	ng	99
49) Dimethylphthalate	9.63	163	473861	31.449	ng	100
50) 2,6-Dinitrotoluene	9.70	165	69441	21.961	ng	# 87
51) Acenaphthene	9.95	154	308699	27.633	ng	99
52) 3-Nitroaniline	9.88	138	124900	31.134	ng	95
54) Dibenzofuran	10.12	168	447327	29.170	ng	96
55) 4-Nitrophenol	10.06	139	105767	42.539	ng	# 86
56) 2,4-Dinitrotoluene	10.12	165	73955	18.493	ng	# 57
57) Fluorene	10.47	166	335136	25.654	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	69057	25.869	ng	# 94
59) Diethylphthalate	10.33	149	421658	29.260	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	150292	27.130	ng	95
61) 4-Nitroaniline	10.50	138	123801	30.897	ng	99
62) Azobenzene	10.62	77	373857	25.487	ng	97
65) n-Nitrosodiphenylamine	10.57	169	298740	29.822	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	80864	26.982	ng	98
67) Hexachlorobenzene	11.02	284	80598	24.777	ng	99
68) Atrazine	11.10	200	70019	23.255	ng	96
69) Pentachlorophenol	11.22	266	49374	31.391	ng	97
70) Phenanthrene	11.43	178	493512	31.169	ng	99
71) Anthracene	11.49	178	473074	29.137	ng	100
72) Carbazole	11.65	167	445915	27.580	ng	99
73) Di-n-butylphthalate	11.96	149	845930	41.813	ng	99
74) Fluoranthene	12.63	202	520456	32.711	ng	98
76) Benzidine	12.75	184	217844	36.244	ng	99
77) Pyrene	12.86	202	539786	43.063	ng	100
79) Butylbenzylphthalate	13.46	149	222786	33.640	ng	94
80) Benzo(a)anthracene	14.06	228	369077	35.381	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	100626	27.030	ng	99
82) Chrysene	14.10	228	350419	34.597	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	304150	34.033	ng	# 98
84) Di-n-octyl phthalate	14.64	149	464432	32.164	ng	96
85) Indeno(1,2,3-cd)pyrene	17.13	276	243846	30.410	ng	98
87) Benzo(b)fluoranthene	15.14	252	296190	36.264	ng	96
88) Benzo(k)fluoranthene	15.17	252	248355	32.291	ng	99
89) Benzo(a)pyrene	15.52	252	281052	38.534	ng	96
90) Dibenzo(a,h)anthracene	17.14	278	178693	31.706	ng	97
91) Benzo(g,h,i)perylene	17.60	276	215861	39.189	ng	96

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

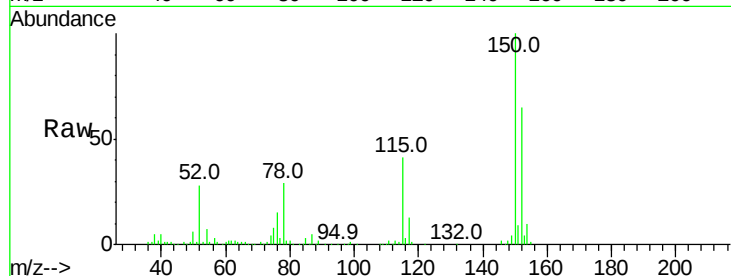


#1

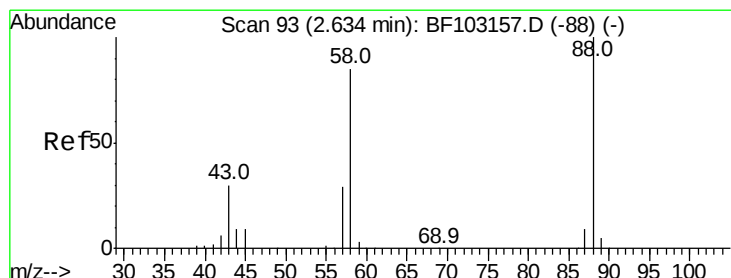
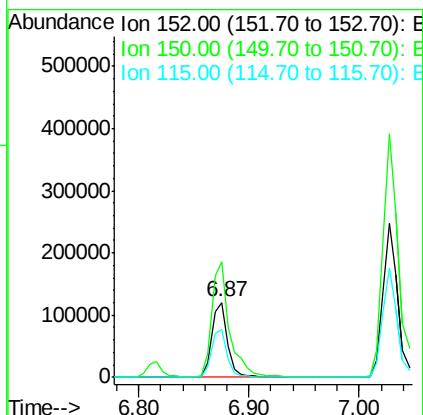
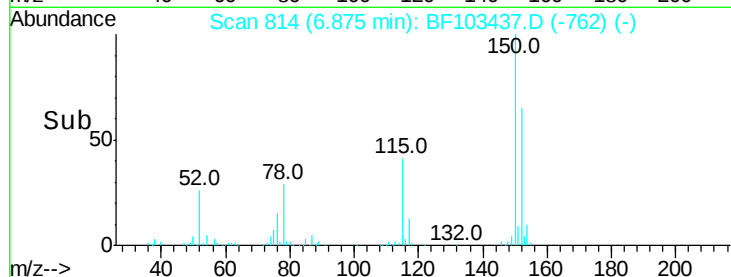
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116359
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 63.6 50.1 75.1



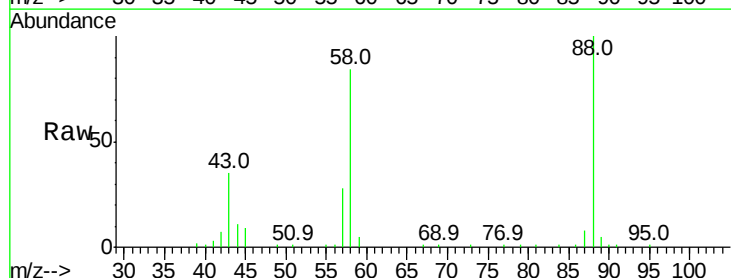
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



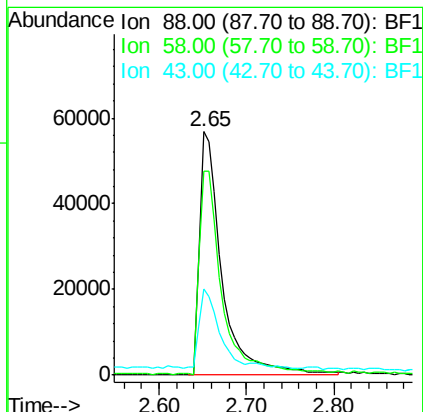
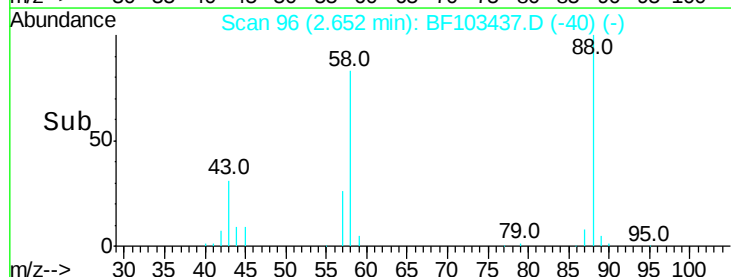
#2

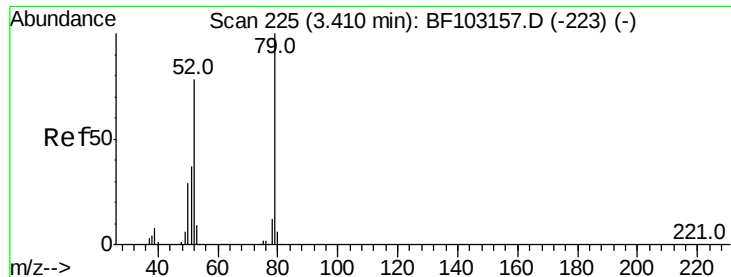
1,4-Dioxane
Concen: 24.898 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion: 88 Resp: 101171
Ion Ratio Lower Upper
88 100
58 88.3 62.6 93.8
43 30.9 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

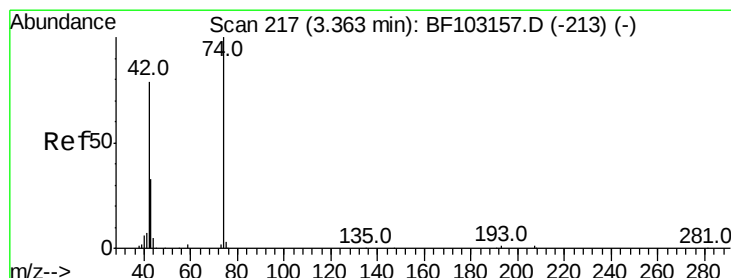
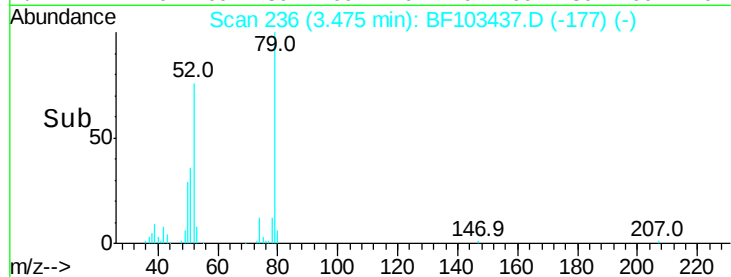
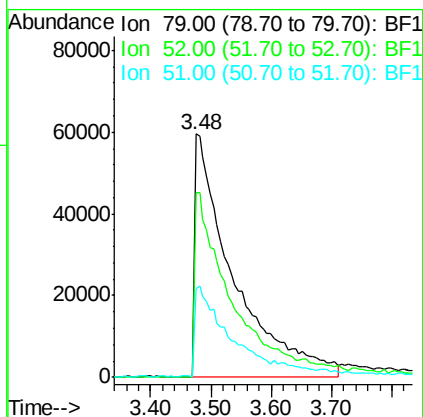
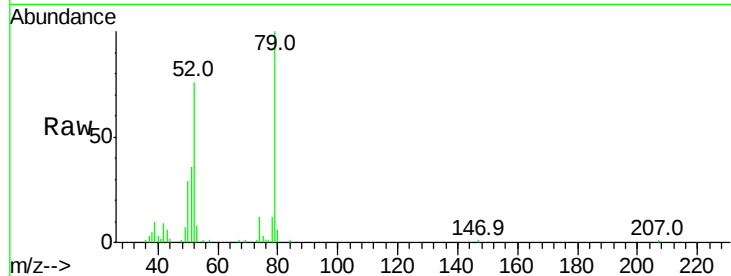




#3
 Pvrindine
 Concen: 24.286 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.05 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

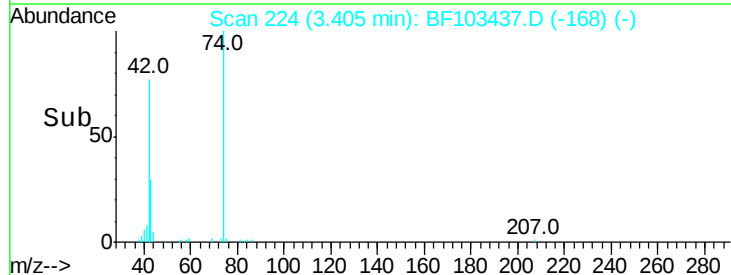
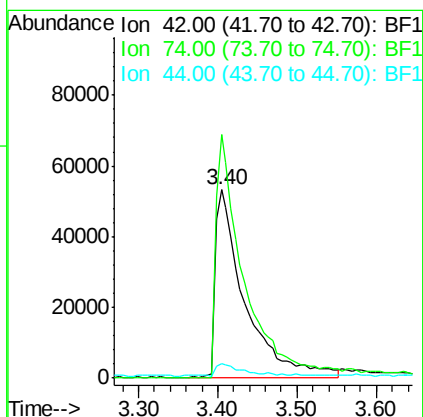
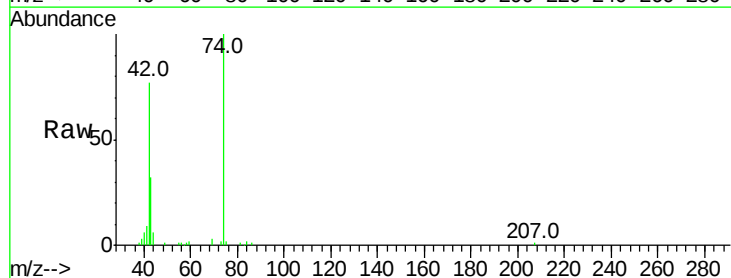
Instrument :
 BNA_F
 ClientSampleId :

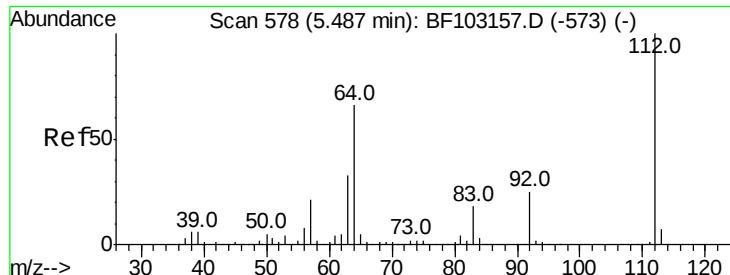
Tot Ion: 79 Resp: 263454
 Ion Ratio Lower Upper
 79 100
 52 76.0 59.8 89.6
 51 36.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.505 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.03 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion: 42 Resp: 137838
 Ion Ratio Lower Upper
 42 100
 74 129.4 104.9 157.3
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 87.048 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

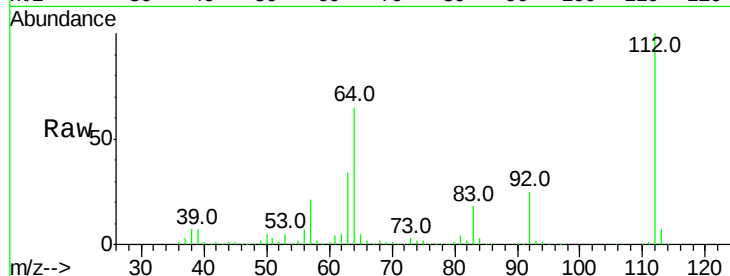
Tot Ion:112 Resp: 669706

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

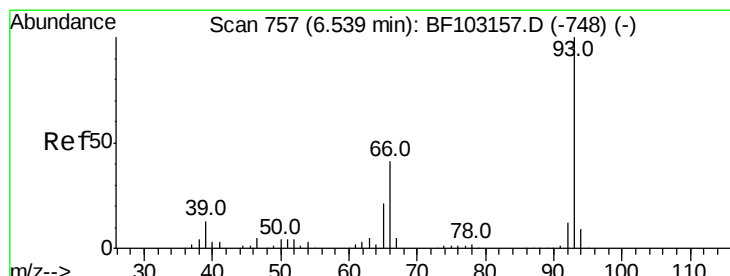
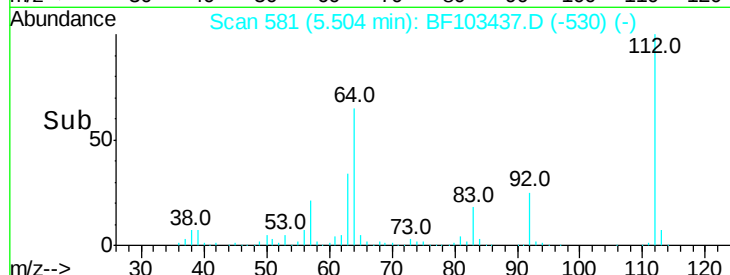
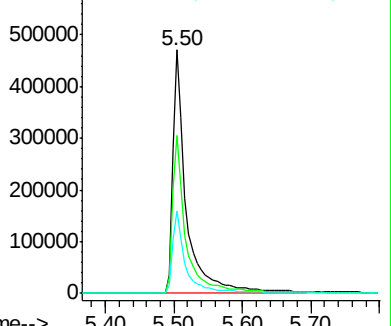
63 34.1 23.7 35.5



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: 13.376 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

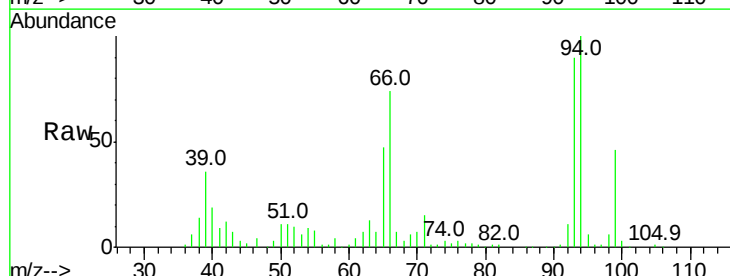
Tgt Ion: 93 Resp: 181736

Ion Ratio Lower Upper

93 100

66 82.6 32.2 48.2#

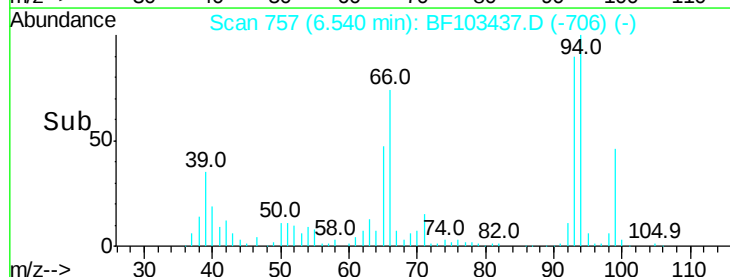
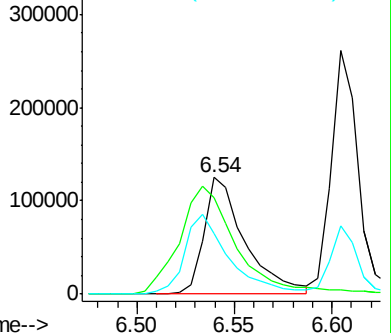
65 52.5 16.4 24.6#

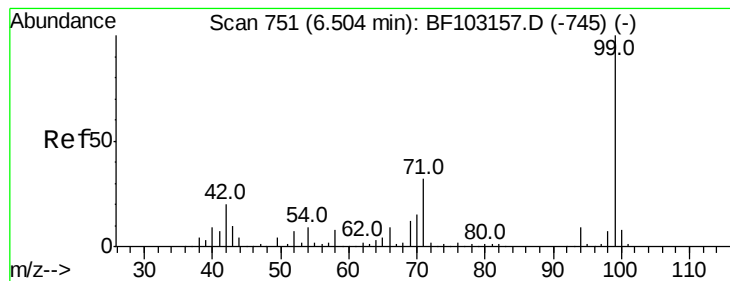


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.611 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

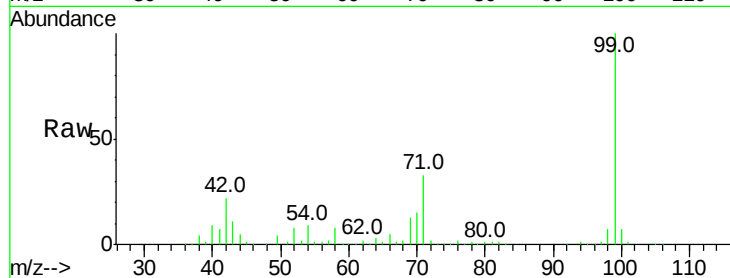
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 777714

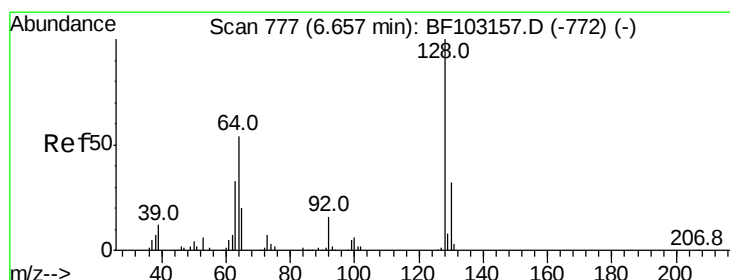
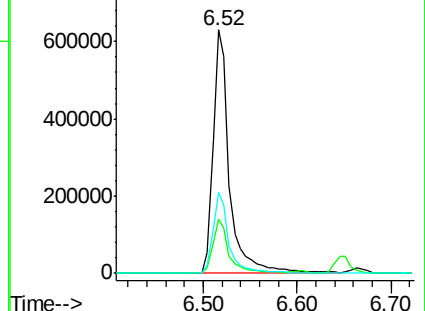
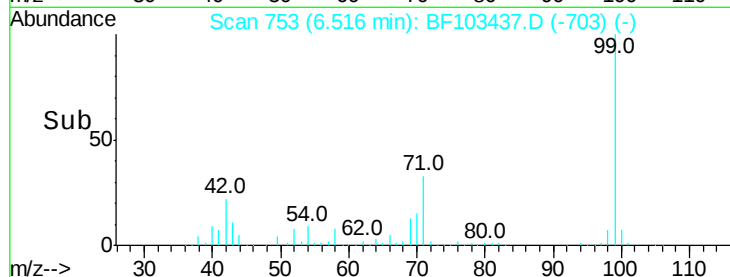
Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	33.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.301 ng

RT: 6.66 min Scan# 778

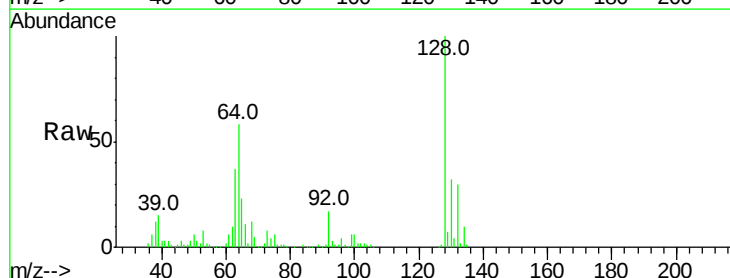
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion: 128 Resp: 242177

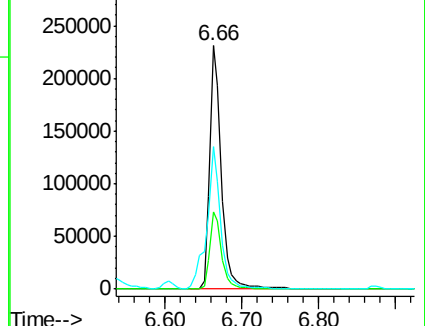
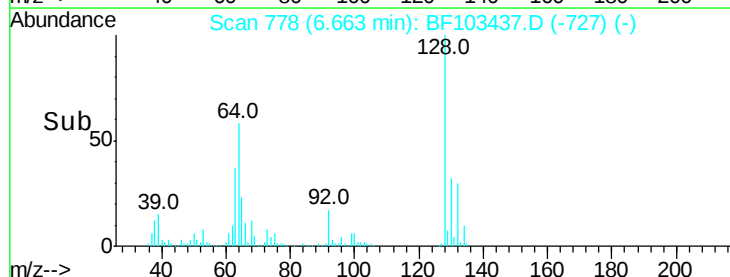
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	58.4	29.4	69.4

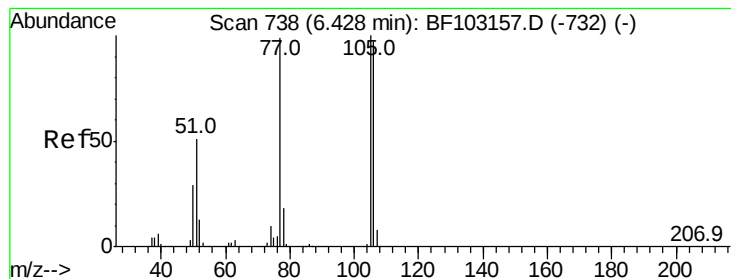


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.310 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

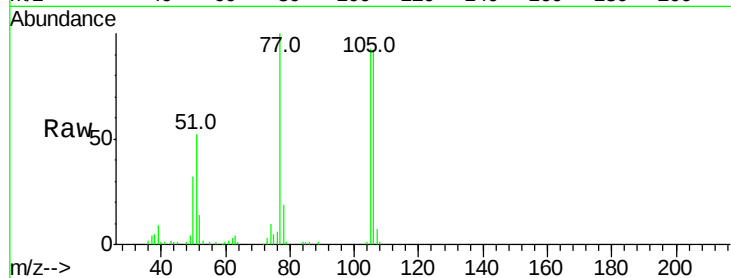
Tot Ion: 77 Resp: 98902

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

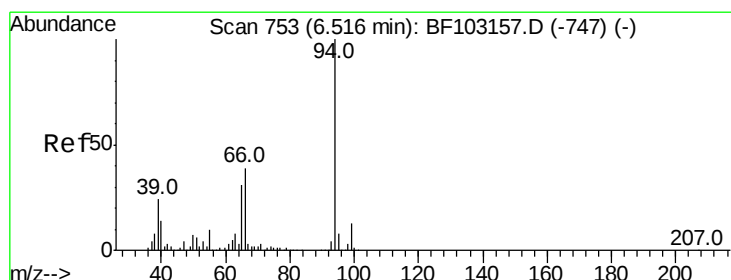
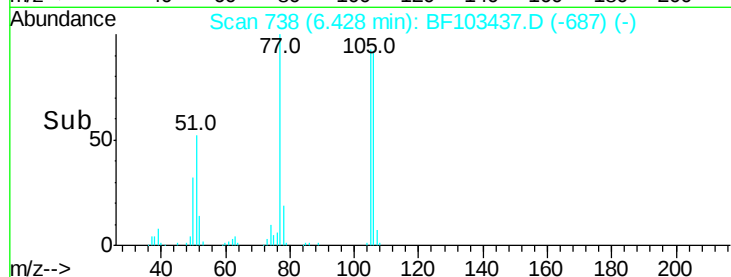
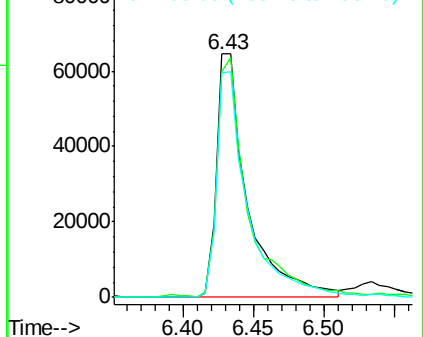
106 92.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 28.934 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

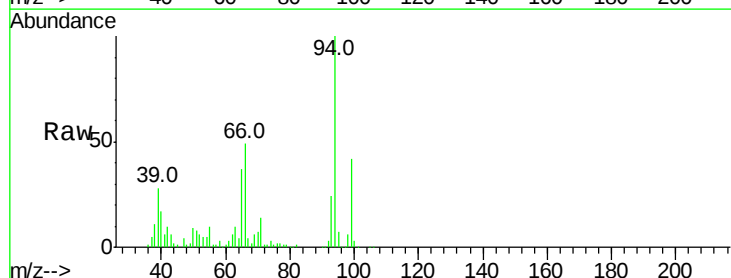
Tgt Ion: 94 Resp: 316213

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

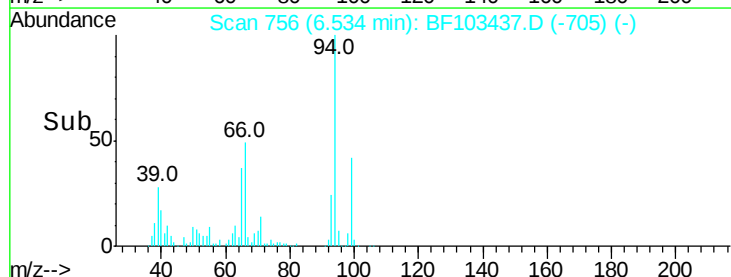
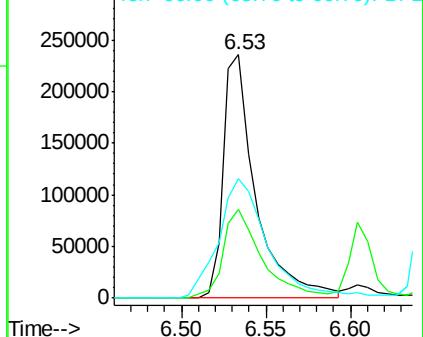
66 49.0 16.2 56.2

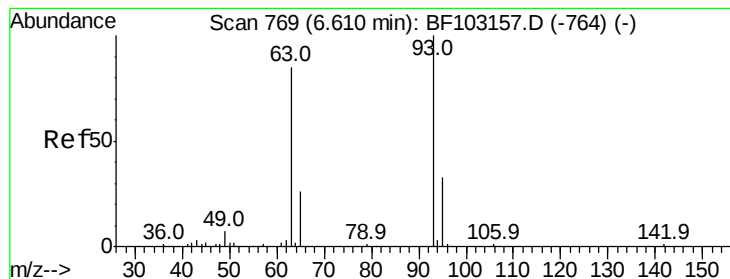


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 29.368 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

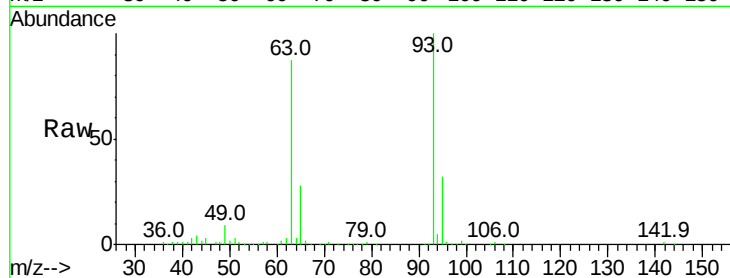
Tot Ion: 93 Resp: 243599

Ion Ratio Lower Upper

93 100

63 87.2 58.6 98.6

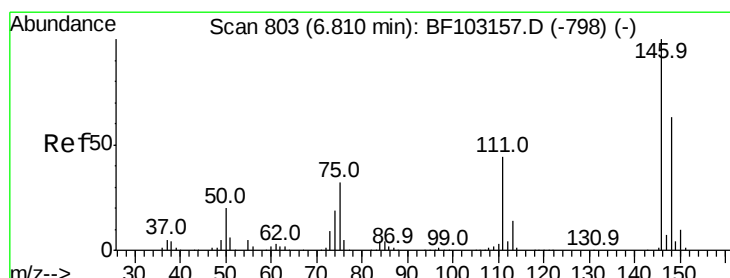
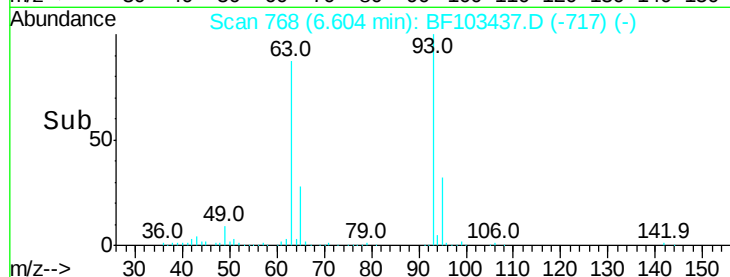
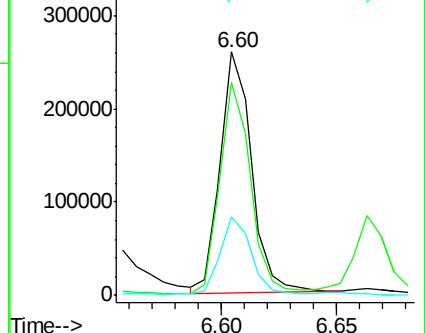
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.033 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

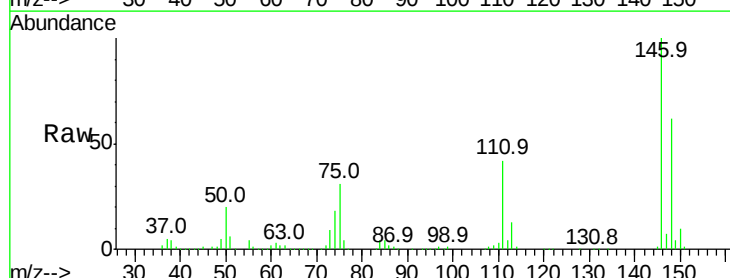
Tgt Ion: 146 Resp: 246901

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.8

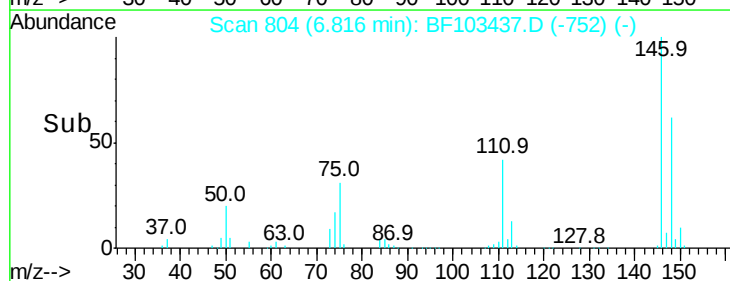
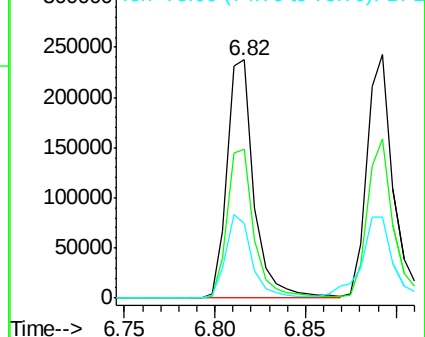
75 31.4 24.2 36.4

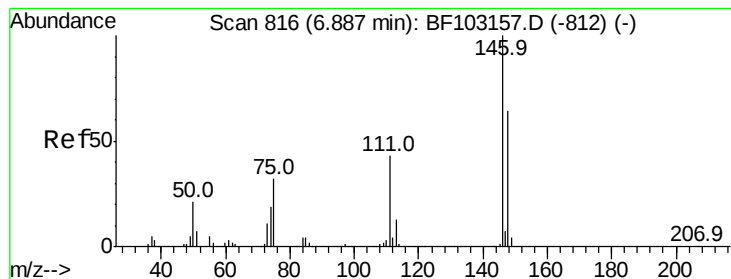


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 27.776 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

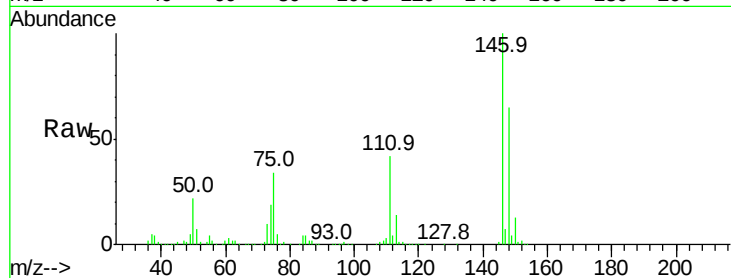
Tot Ion:146 Resp: 254346

Ion Ratio Lower Upper

146 100

148 65.5 50.8 76.2

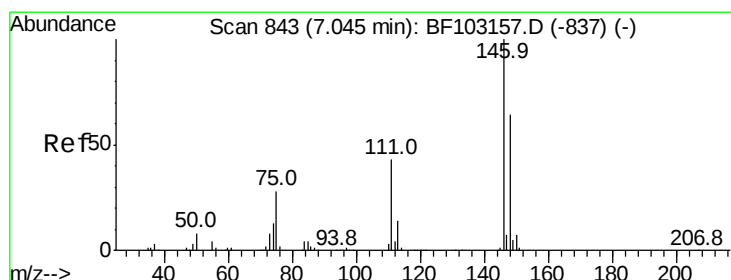
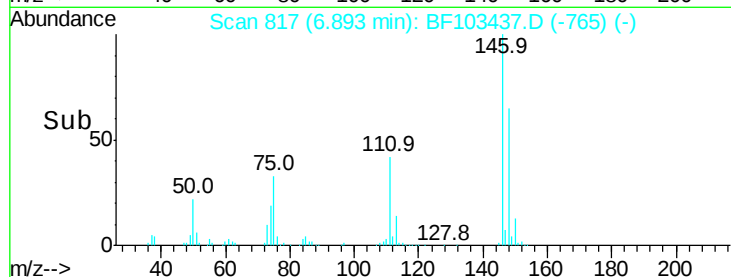
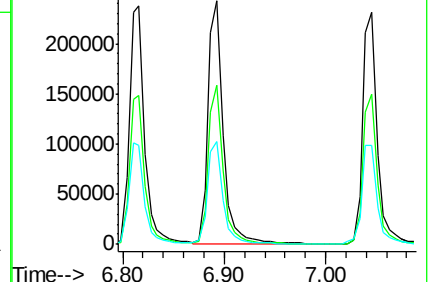
111 42.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 27.472 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

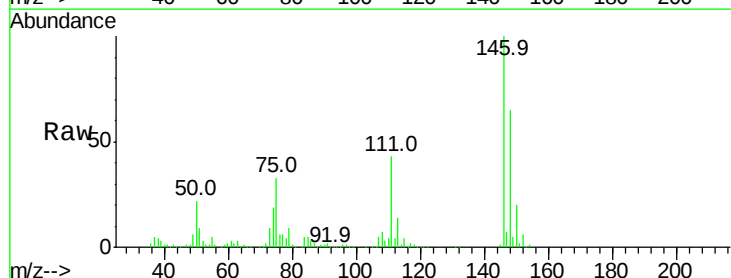
Tgt Ion:146 Resp: 231959

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

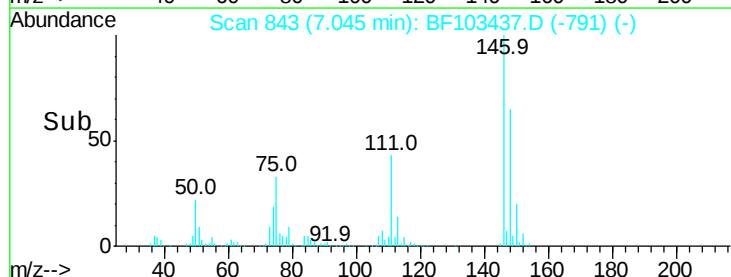
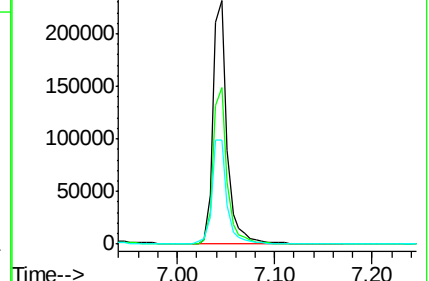
111 42.8 36.0 54.0

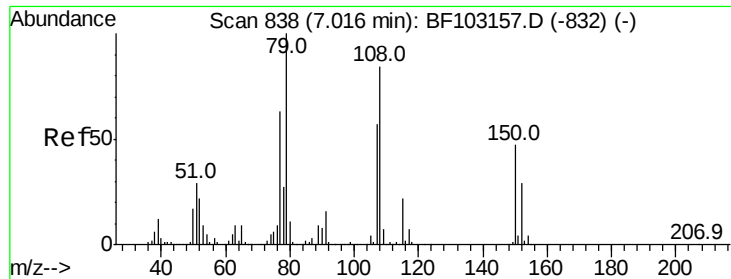


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.498 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

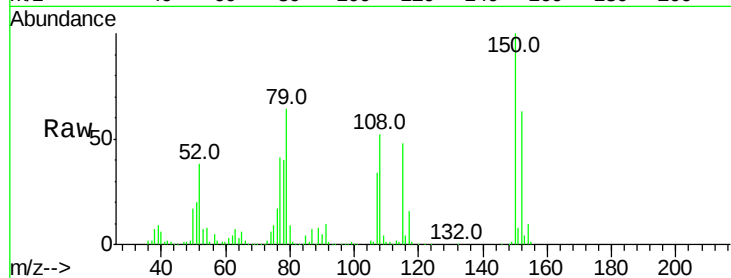
Tot Ion: 79 Resp: 187975

Ion Ratio Lower Upper

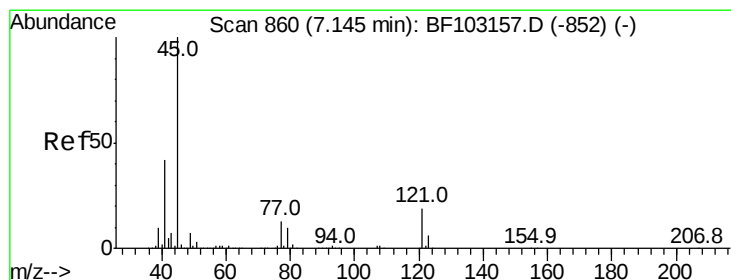
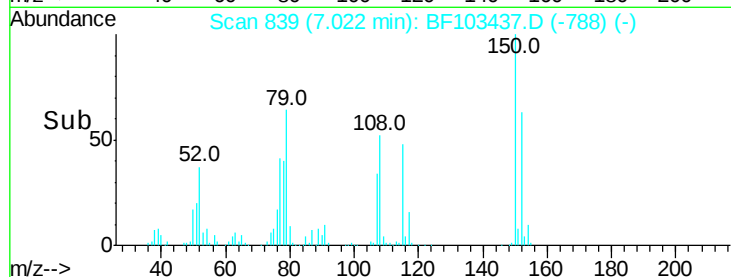
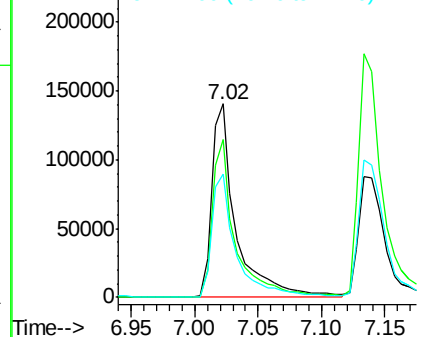
79 100

108 81.8 65.1 97.7

77 64.0 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.620 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

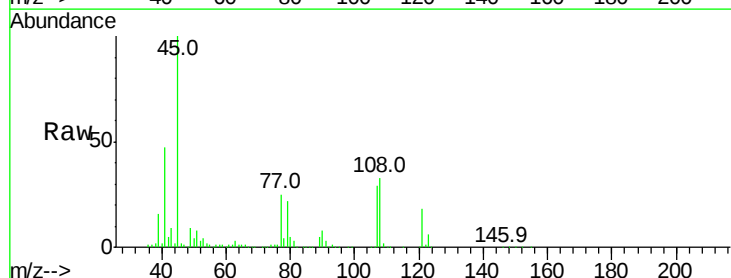
Tgt Ion: 45 Resp: 379167

Ion Ratio Lower Upper

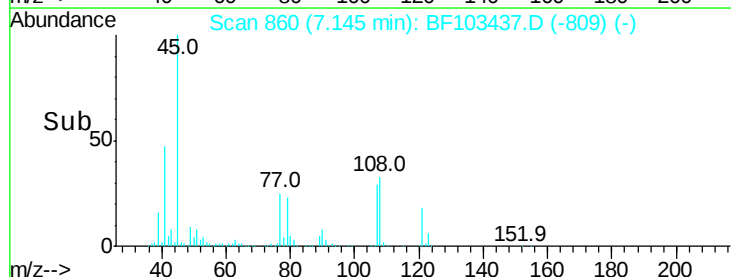
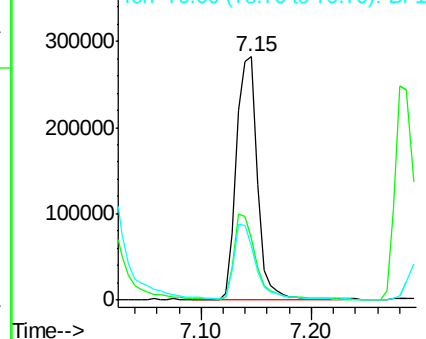
45 100

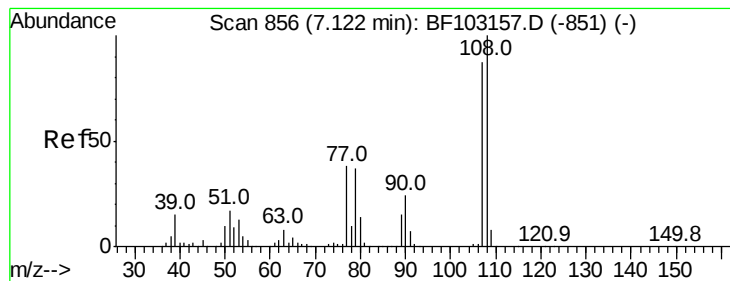
77 25.3 0.0 32.9

79 22.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

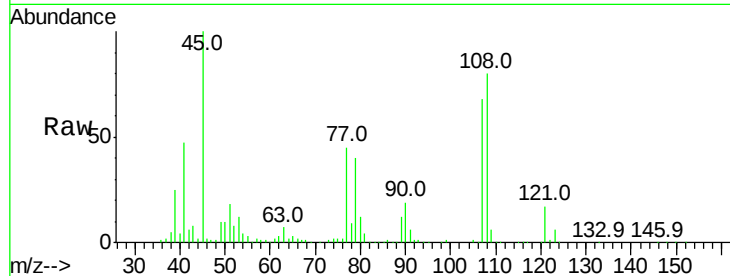




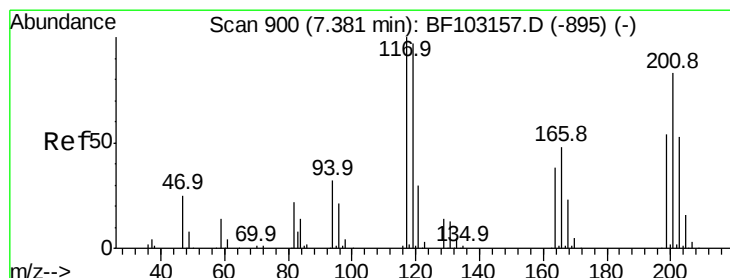
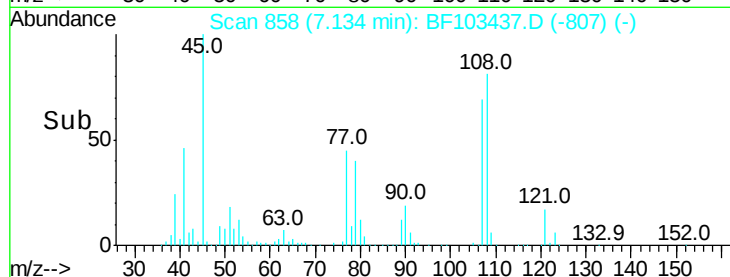
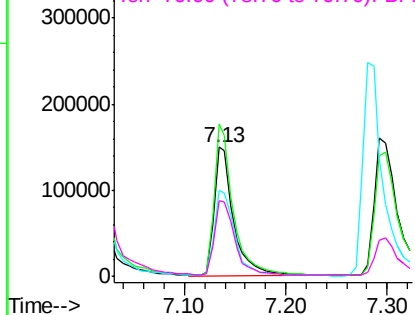
#17
2-Methylphenol
Concen: 27.461 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 199450
Ion Ratio Lower Upper
107 100
108 117.8 91.7 137.5
77 66.2 33.8 50.8#
79 58.6 33.8 50.8#

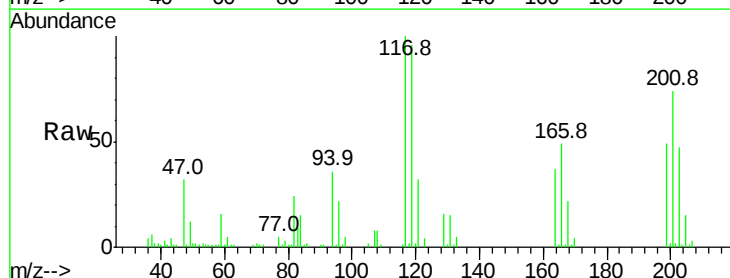


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

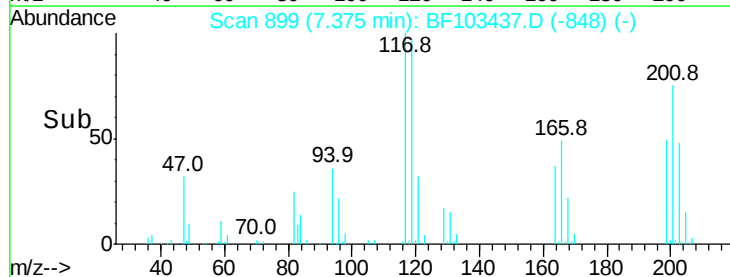
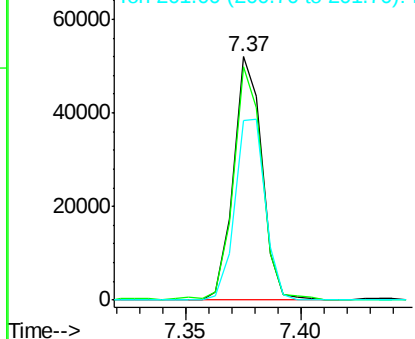


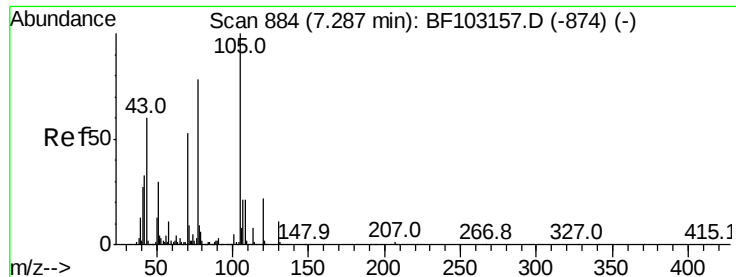
#18
Hexachloroethane
Concen: 13.429 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:117 Resp: 44766
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 76.0 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

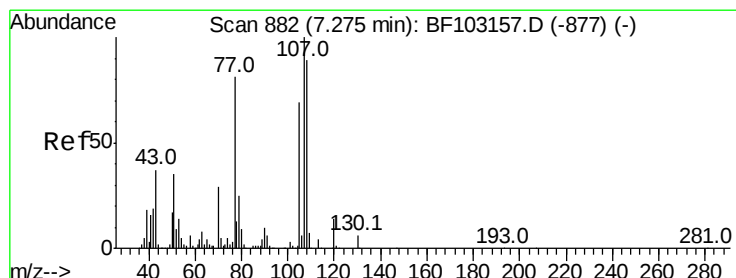
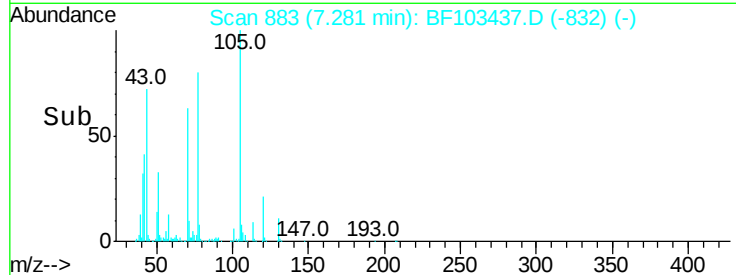
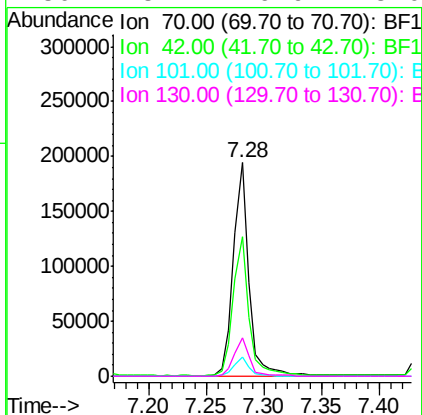
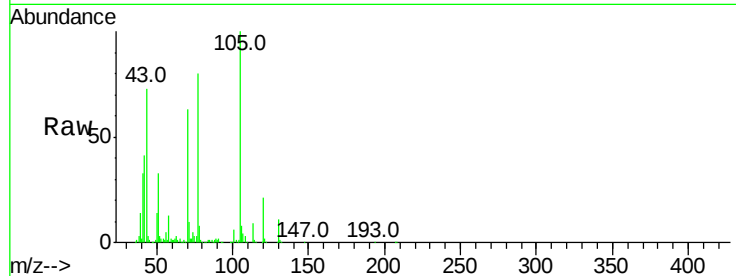




#19
n-Nitroso-di-n-propylamine
Concen: 31.464 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

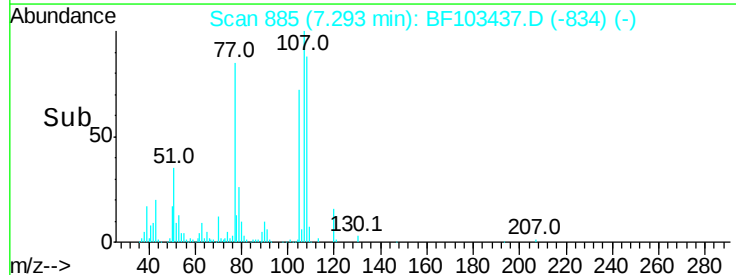
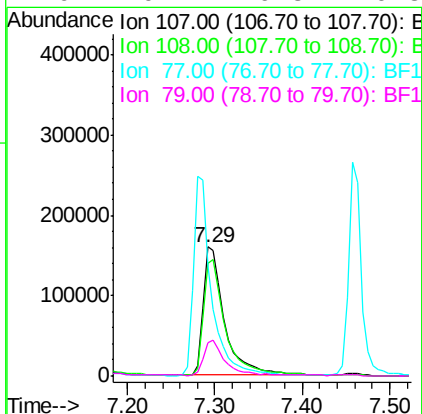
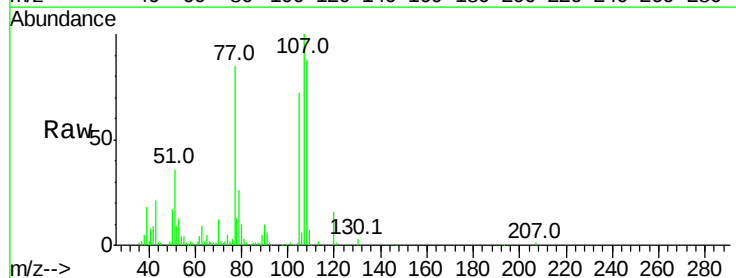
Instrument :
BNA_F
ClientSampleId :

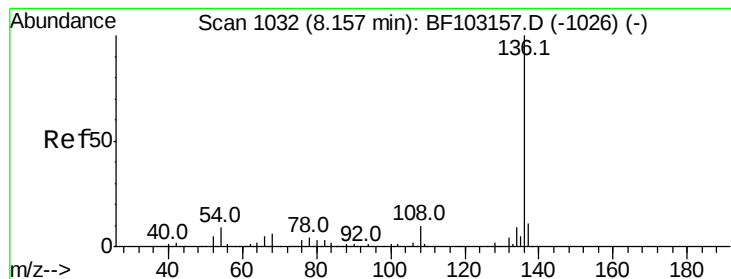
Tot Ion: 70 Resp: 184349
Ion Ratio Lower Upper
70 100
42 65.2 47.5 71.3
101 8.9 7.4 11.2
130 18.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.728 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion: 107 Resp: 272060
Ion Ratio Lower Upper
107 100
108 87.6 68.2 108.2
77 85.3 26.7 66.7#
79 26.1 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: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458037

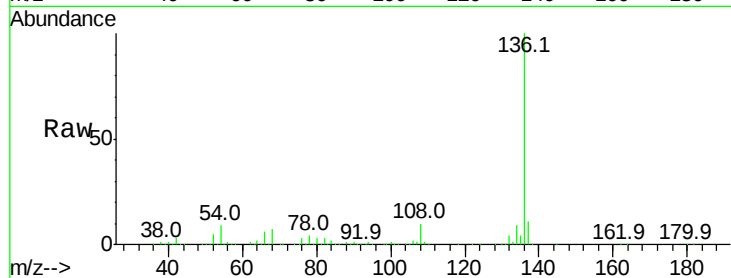
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.8 5.0 7.4

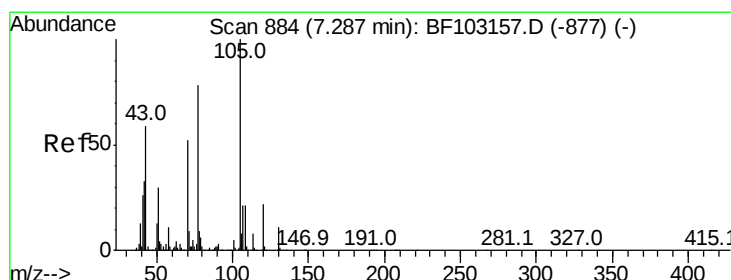
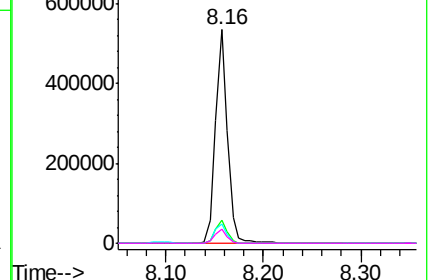
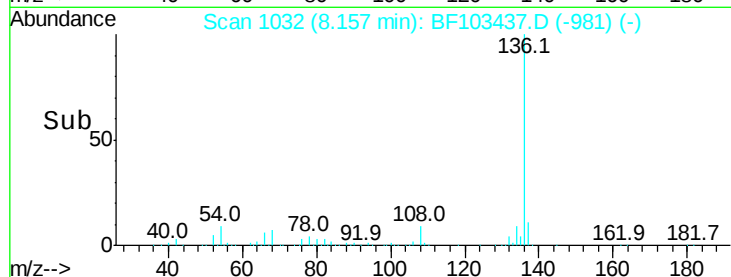


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.298 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:105 Resp: 345310

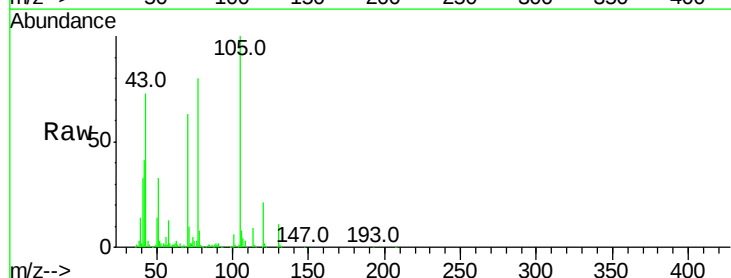
Ion Ratio Lower Upper

105 100

71 10.5 4.4 6.6#

51 32.7 22.3 33.5

120 21.3 16.9 25.3

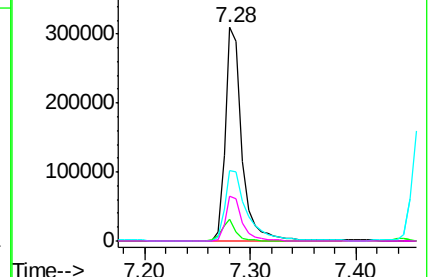
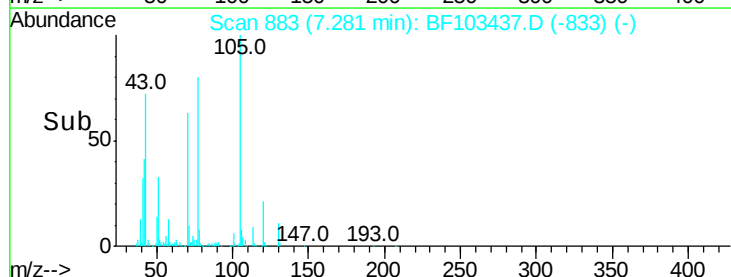


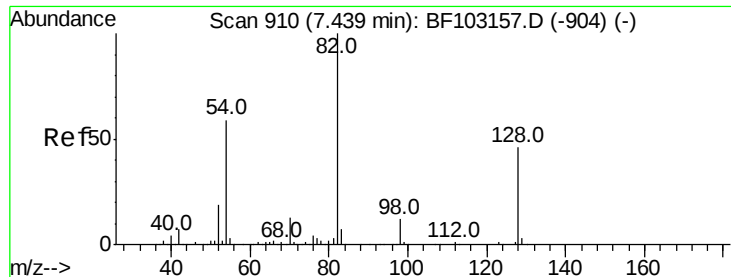
Abundance Ion 105.00 (104.70 to 105.70): E

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

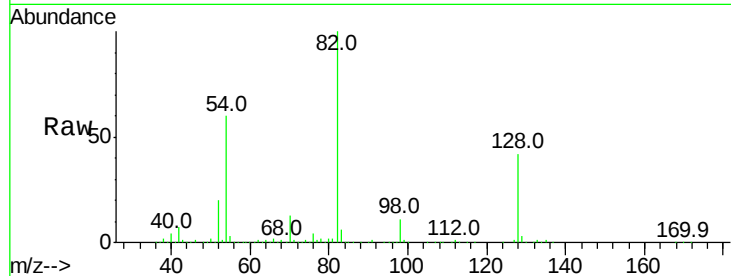




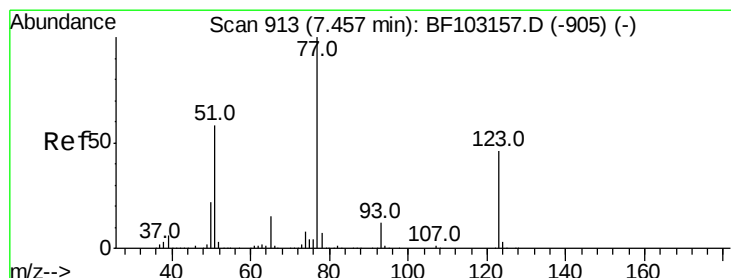
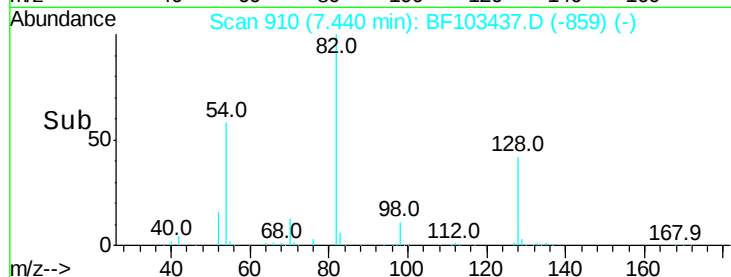
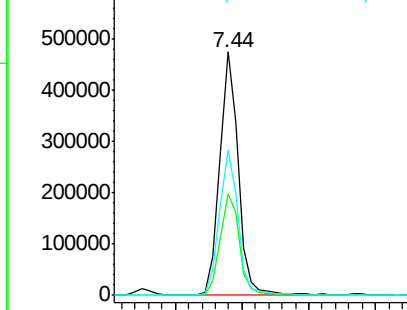
#23
Nitrobenzene-d5
Concen: 58.979 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 473043
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 59.5 41.4 62.2

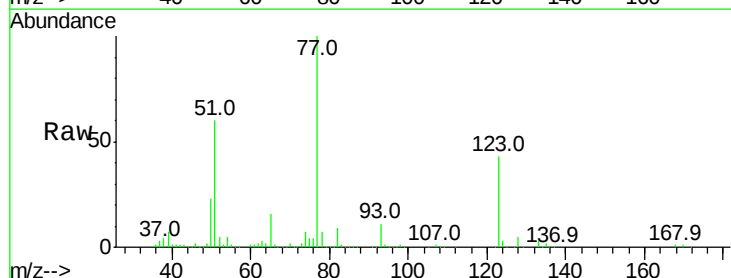


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

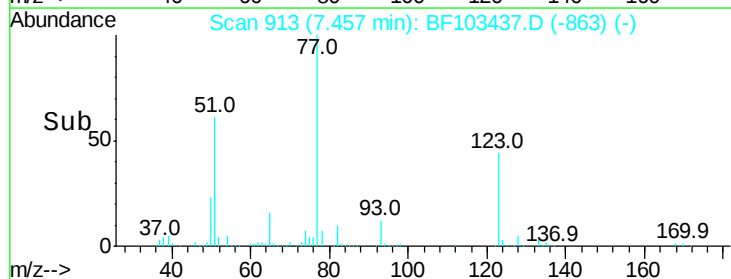
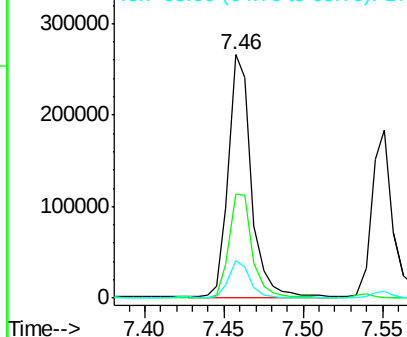


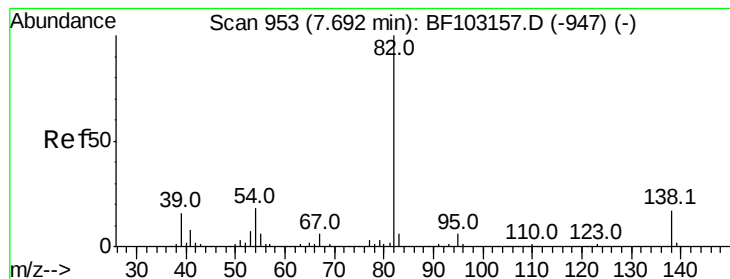
#24
Nitrobenzene
Concen: 30.391 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion: 77 Resp: 268366
Ion Ratio Lower Upper
77 100
123 42.7 37.9 56.9
65 15.6 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: 30.246 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

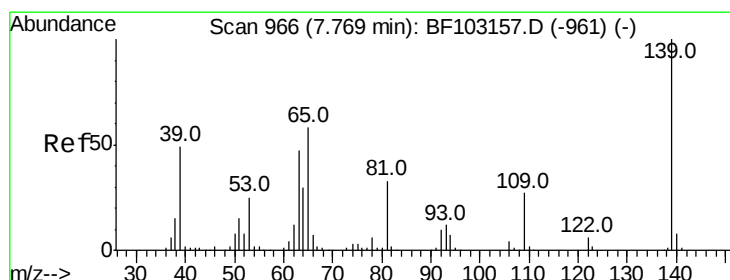
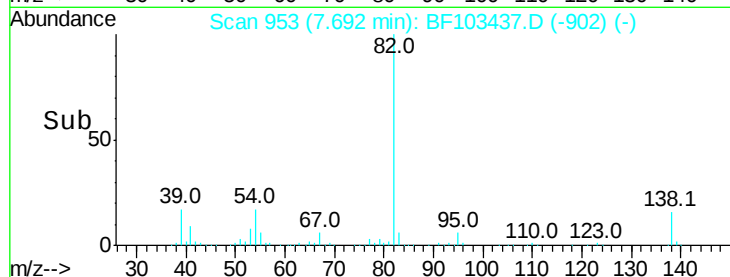
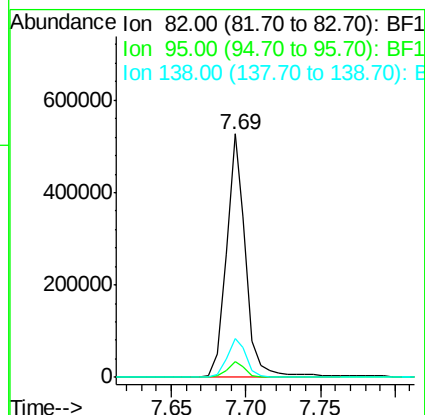
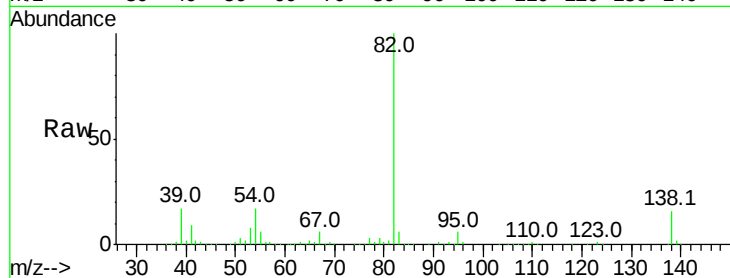
Tot Ion: 82 Resp: 477780

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.0 14.9 22.3



#26

2-Nitrophenol

Concen: 18.924 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

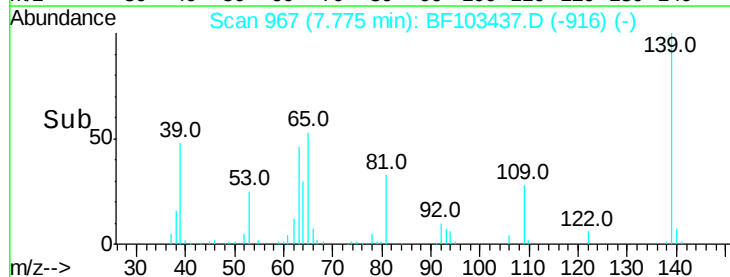
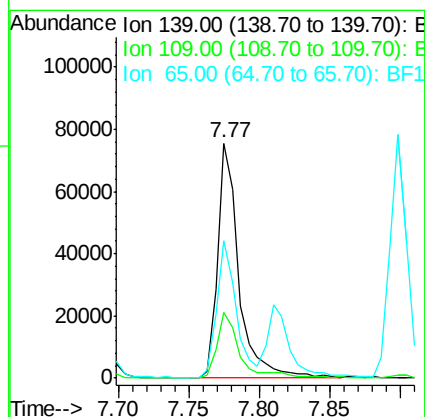
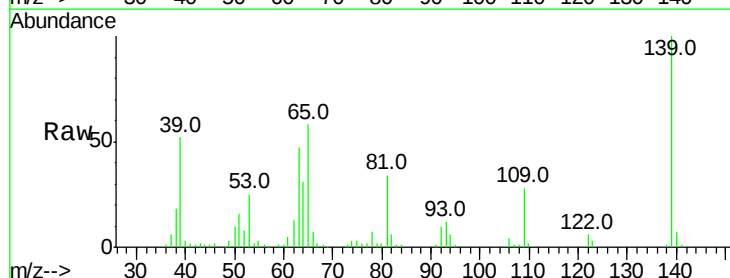
Tgt Ion: 139 Resp: 78670

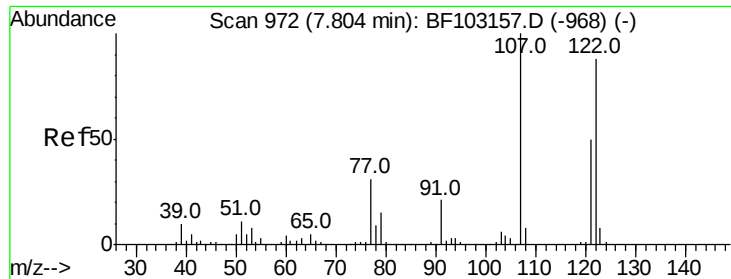
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 58.4 40.5 60.7

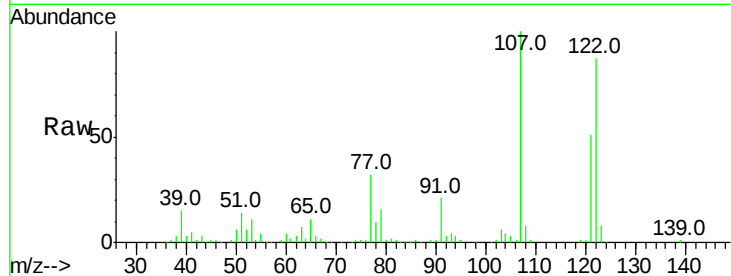




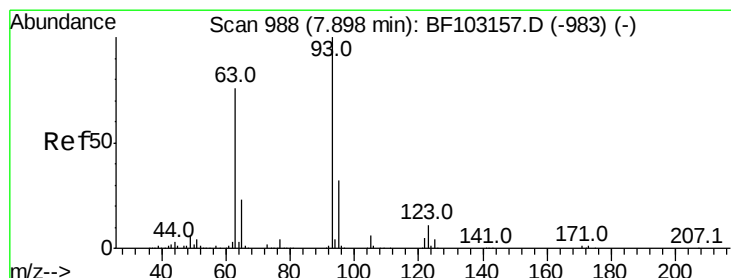
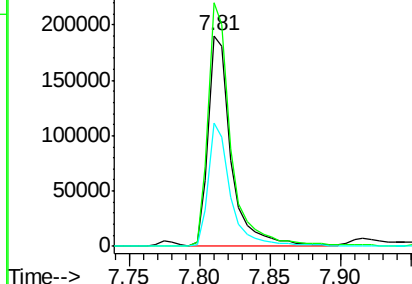
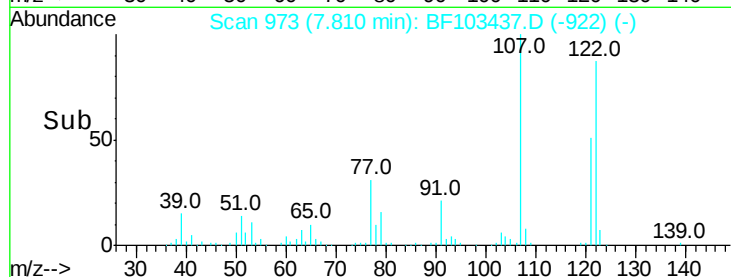
#27
 2,4-Dimethylphenol
 Concen: 33.653 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 213841
 Ion Ratio Lower Upper
 122 100
 107 115.4 91.2 136.8
 121 58.3 47.2 70.8

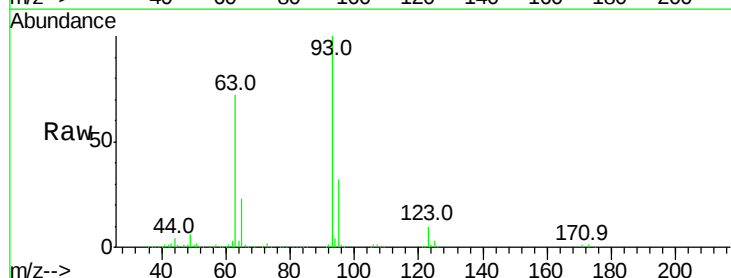


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

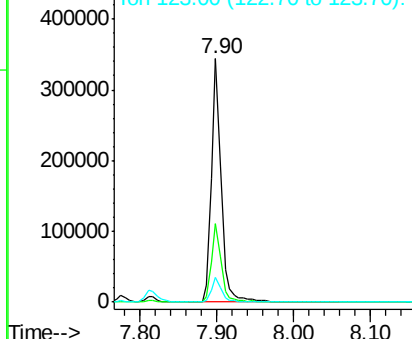
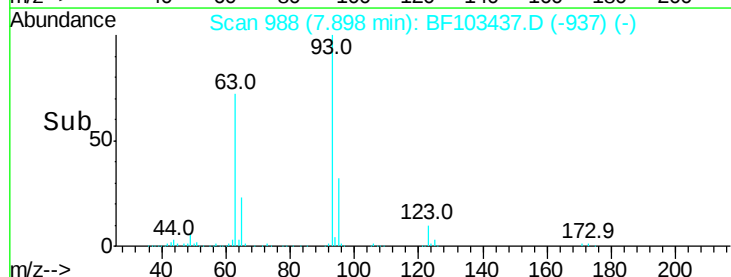


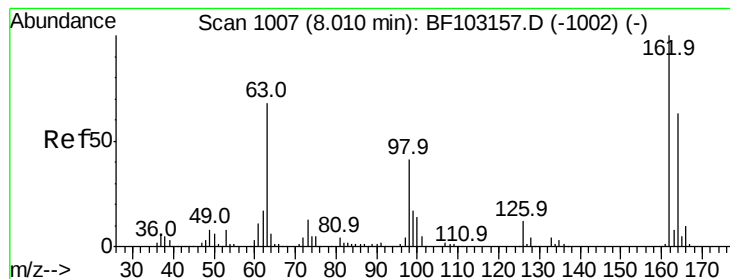
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.200 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion: 93 Resp: 299052
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 10.1 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 30.312 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

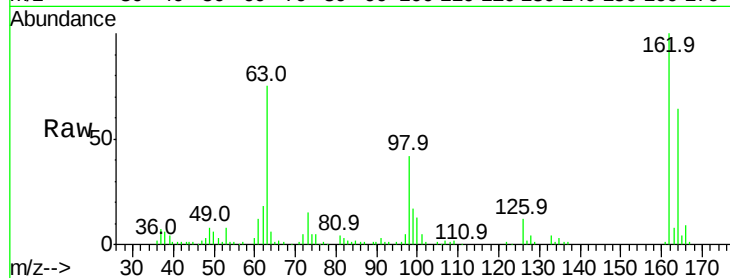
Tot Ion:162 Resp: 184407

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

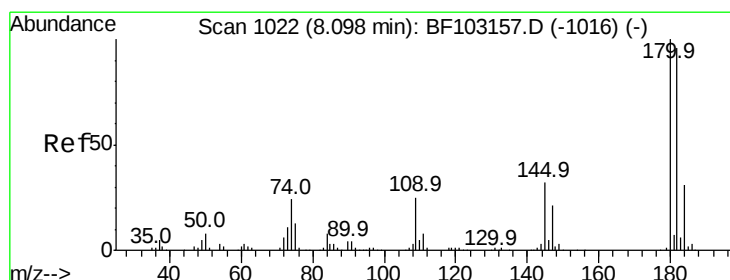
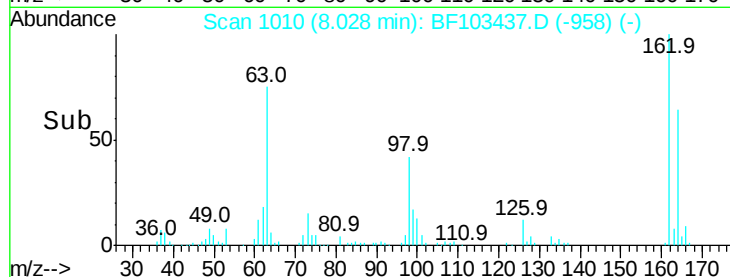
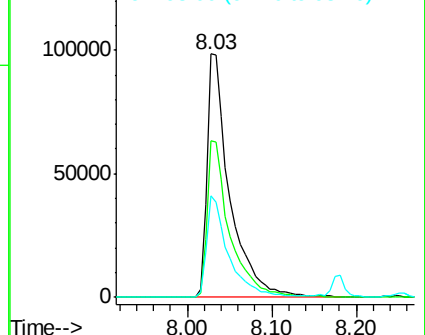
98 41.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 26.848 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

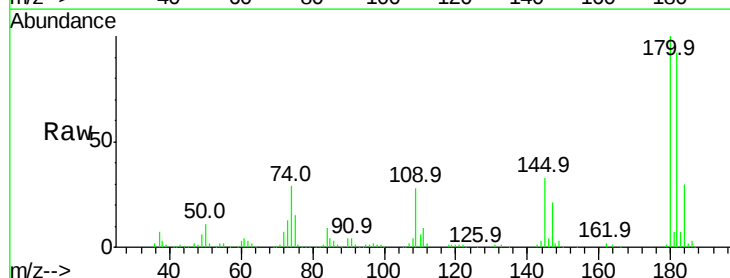
Tgt Ion:180 Resp: 173932

Ion Ratio Lower Upper

180 100

182 92.3 76.8 115.2

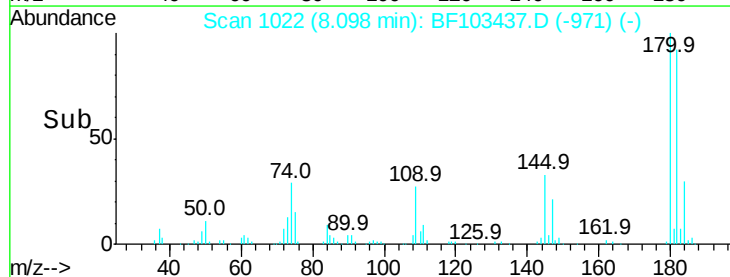
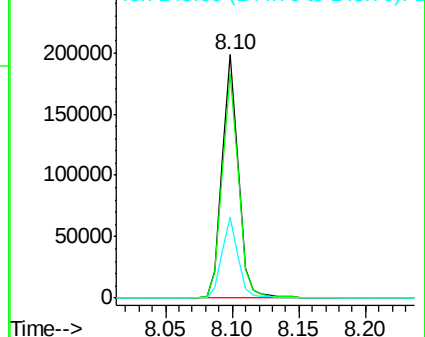
145 33.4 26.5 39.7

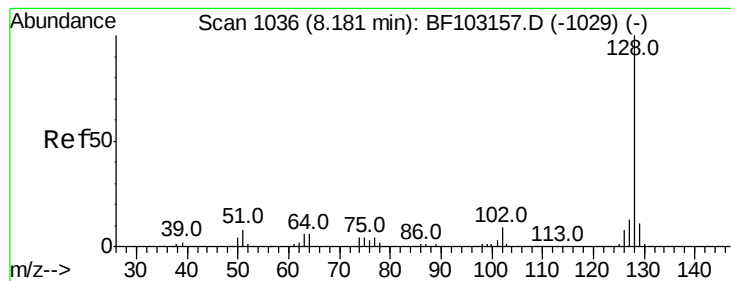


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.378 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

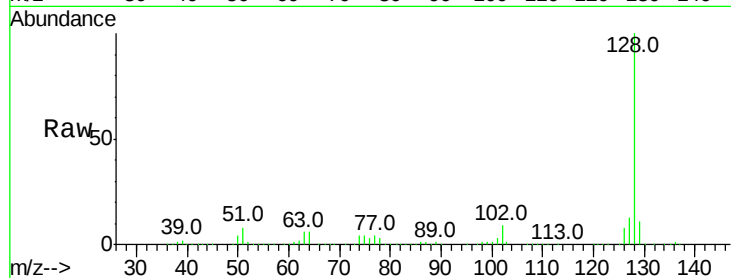
Tot Ion:128 Resp: 636375

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

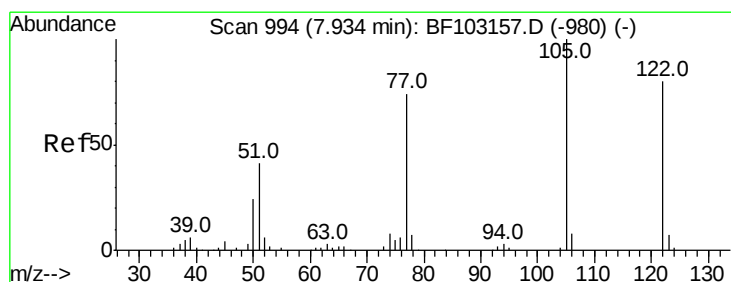
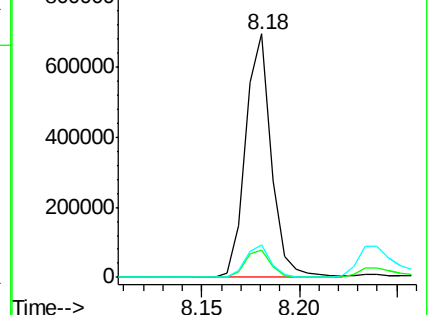
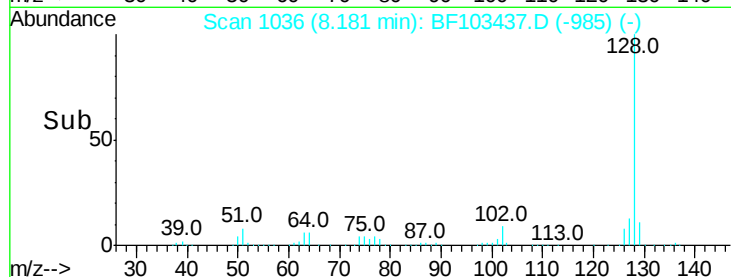
127 13.3 10.9 16.3



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: 9.255 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

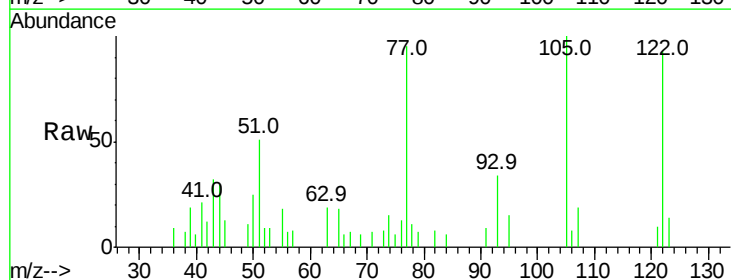
Tgt Ion:122 Resp: 12896

Ion Ratio Lower Upper

122 100

105 107.5 101.1 141.1

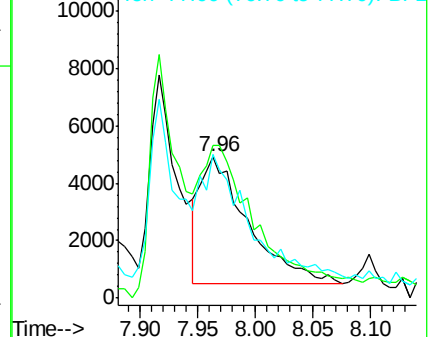
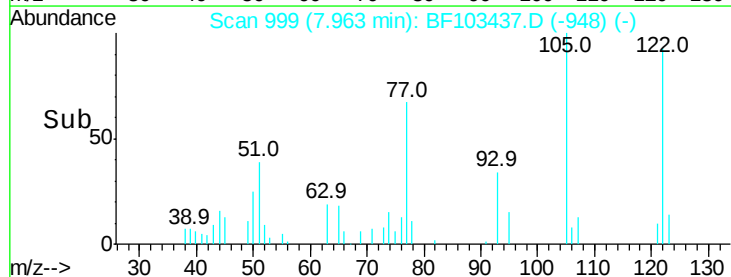
77 101.6 70.7 110.7

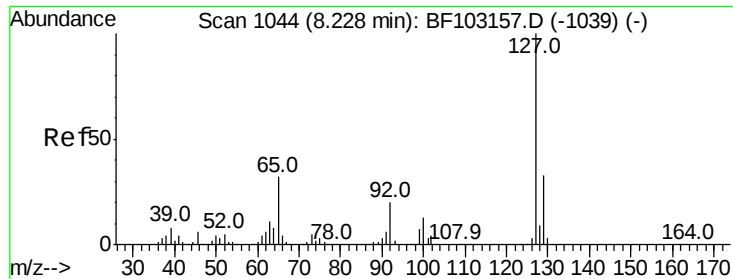


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

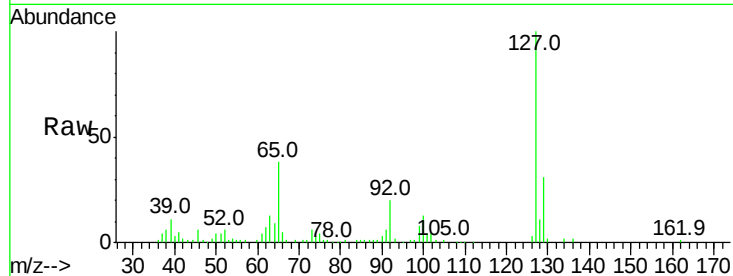




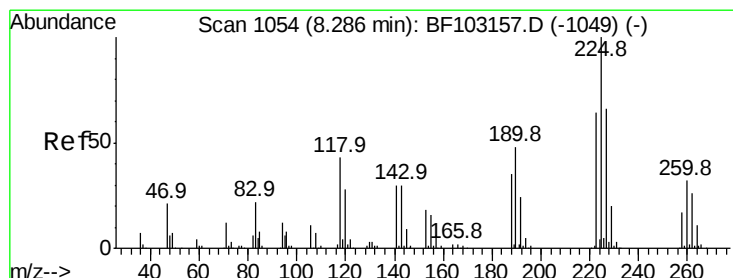
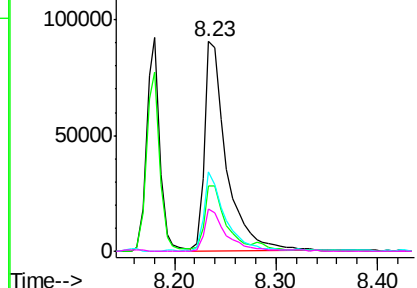
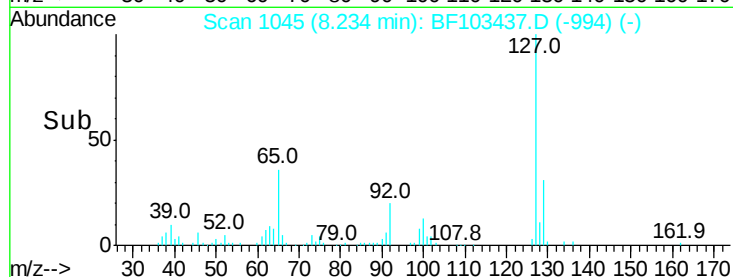
#33
4-Chloroaniline
Concen: 14.036 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 135820
Ion Ratio Lower Upper
127 100
129 31.2 25.9 38.9
65 37.7 25.0 37.4#
92 20.2 15.2 22.8

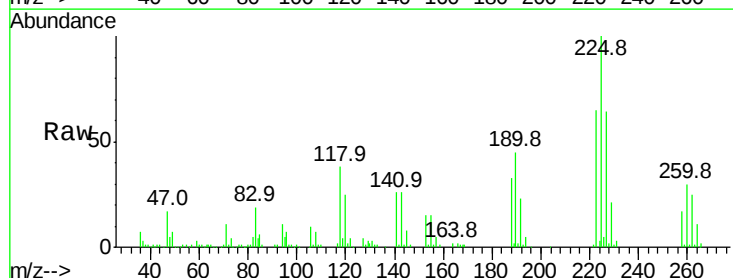


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

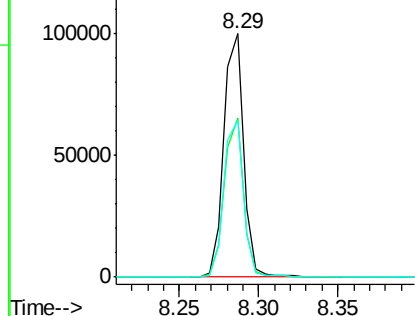
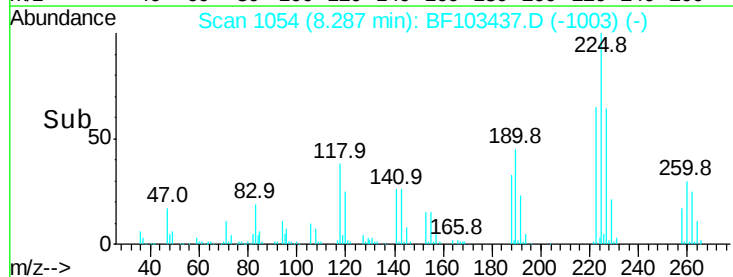


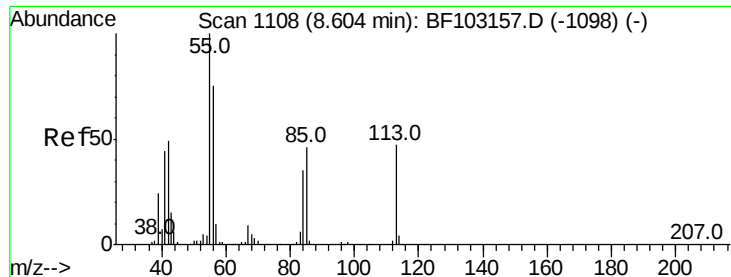
#34
Hexachlorobutadiene
Concen: 25.528 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:225 Resp: 86119
Ion Ratio Lower Upper
225 100
223 65.3 50.6 76.0
227 64.4 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: 28.516 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

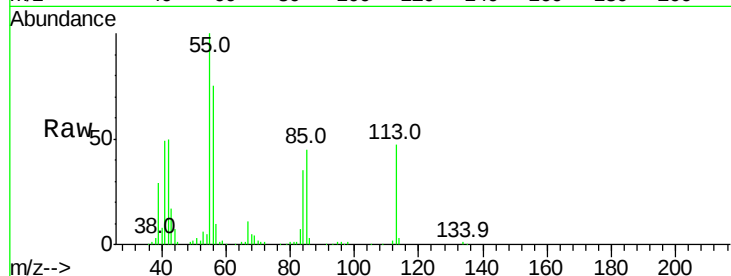
Tot Ion:113 Resp: 60971

Ion Ratio Lower Upper

113 100

55 213.7 163.3 203.3#

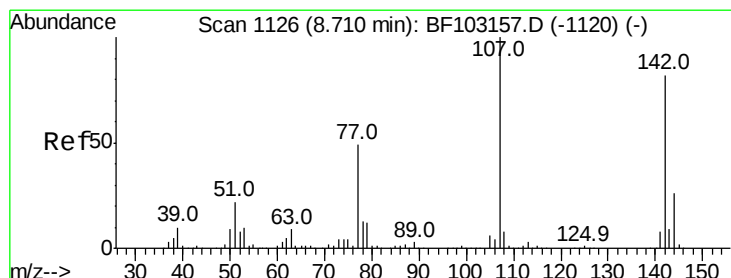
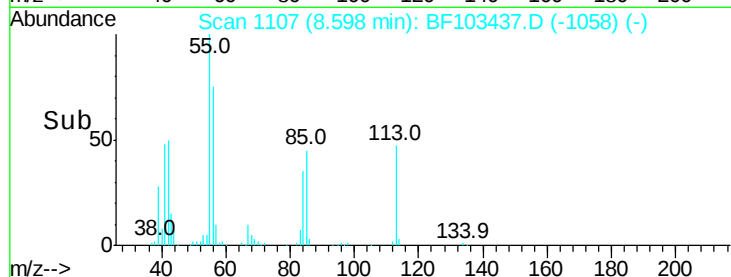
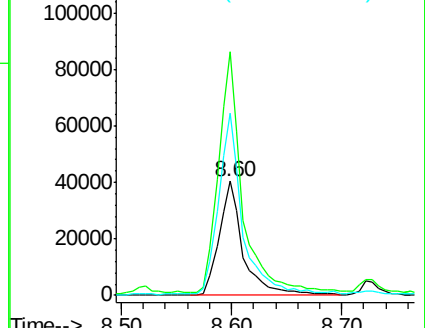
56 160.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.761 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

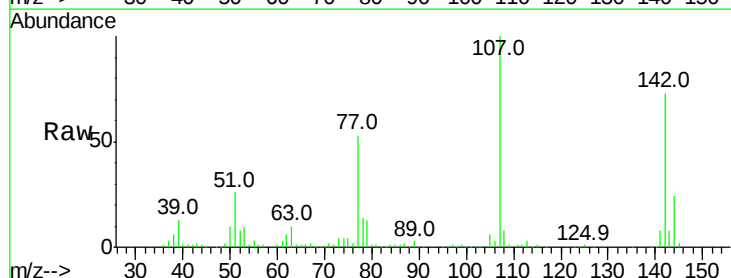
Tgt Ion:107 Resp: 204218

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

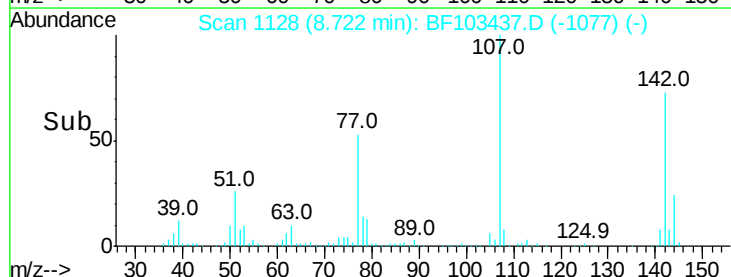
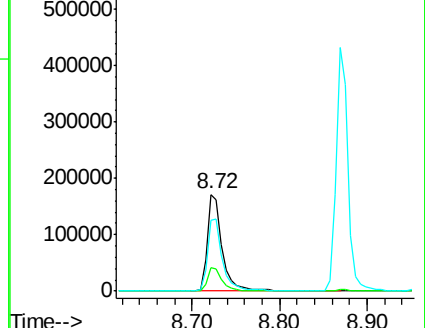
142 73.2 62.0 93.0

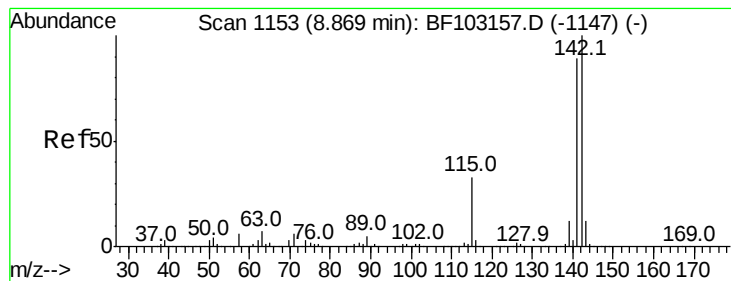


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.811 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

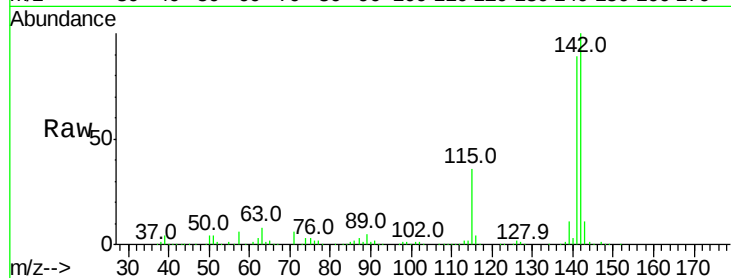
Tot Ion:142 Resp: 403056

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

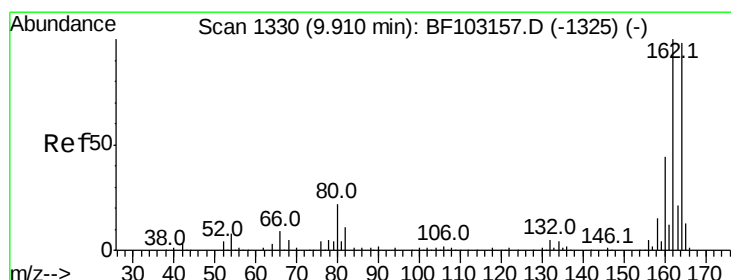
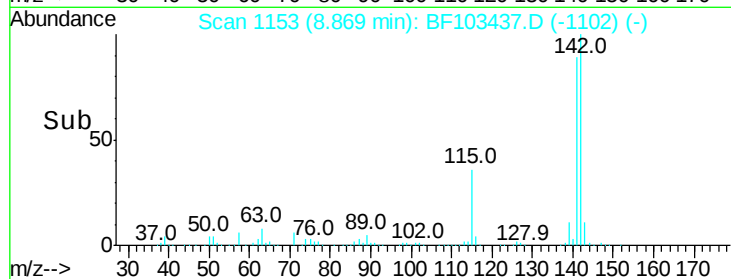
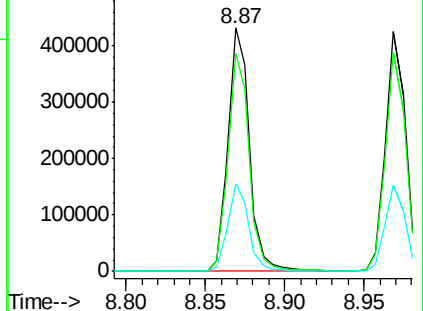
115 35.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

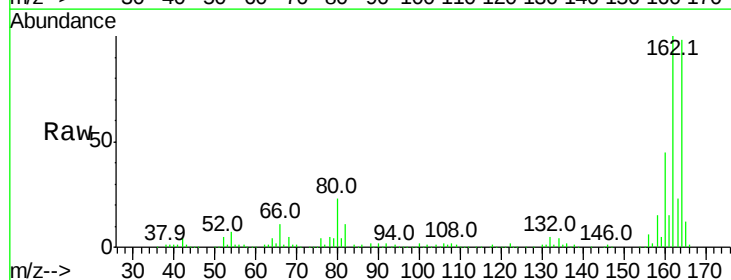
Tgt Ion:164 Resp: 187825

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

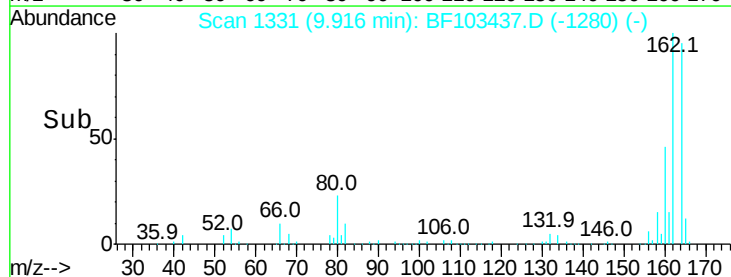
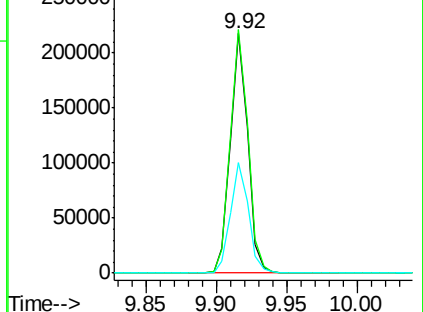
160 46.1 38.3 57.5

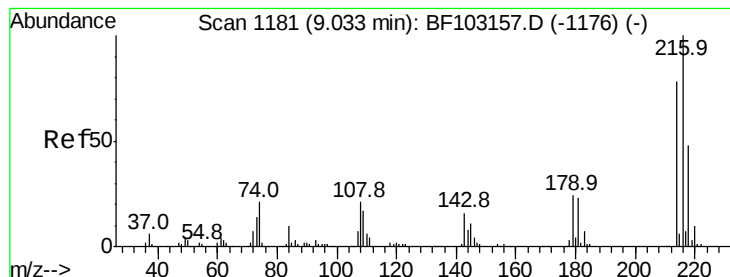


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.985 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 143694

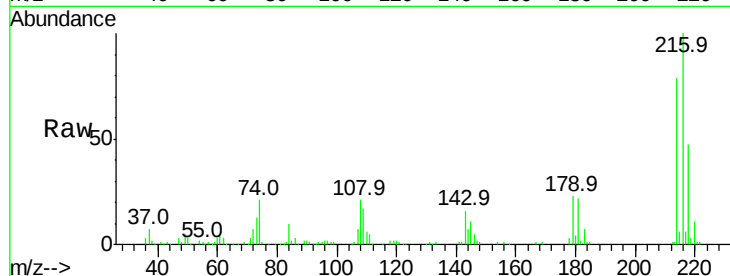
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 23.8 18.1 27.1

108 22.9 17.2 25.8

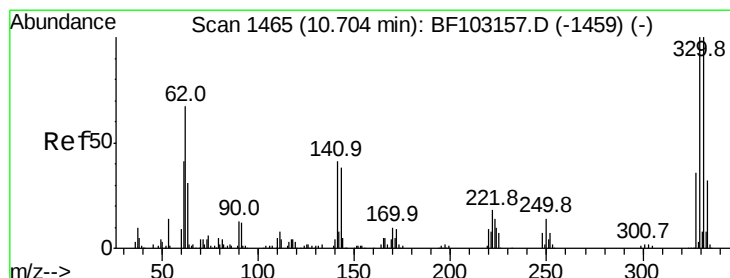
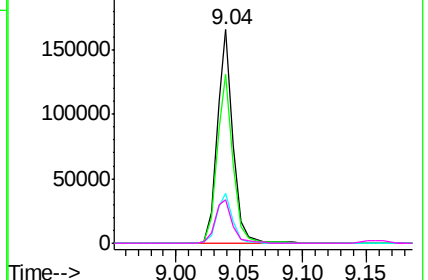
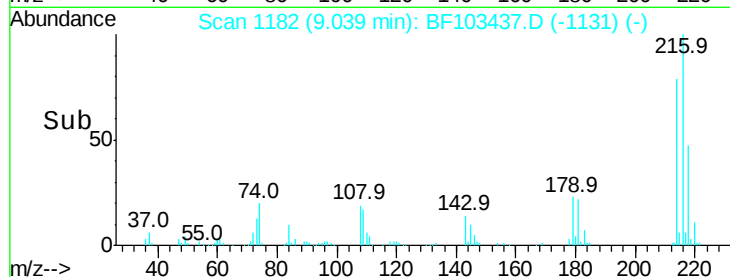


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.071 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

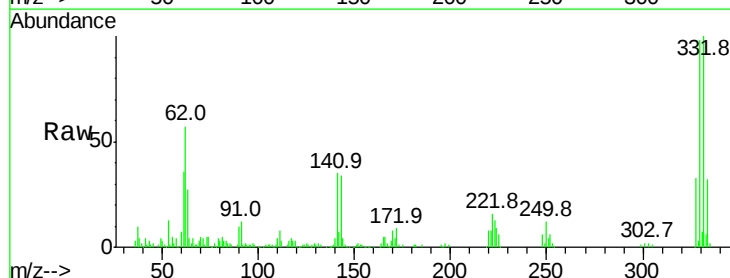
Tgt Ion:330 Resp: 101862

Ion Ratio Lower Upper

330 100

332 103.2 77.0 115.6

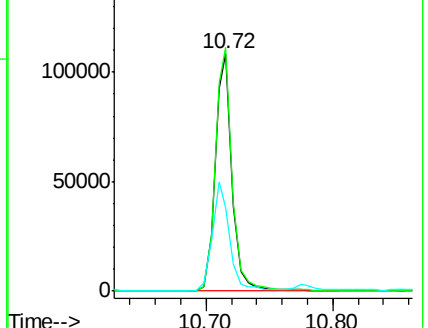
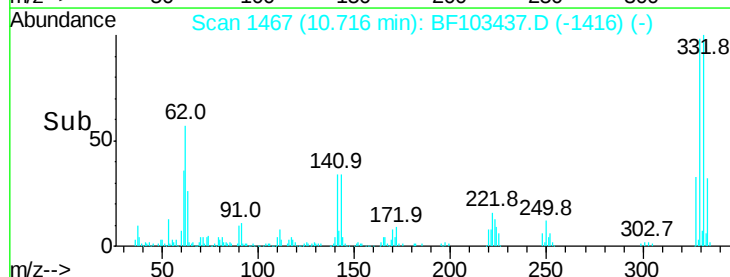
141 48.1 29.9 44.9#

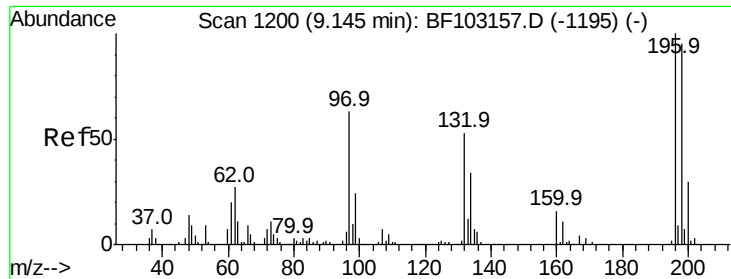


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

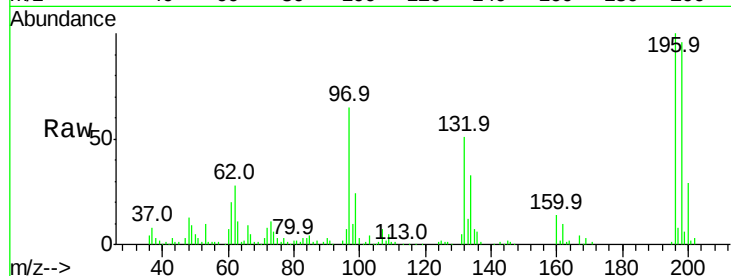




#42
 2,4,6-Trichlorophenol
 Concen: 29.661 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	29.0	24.5	36.7

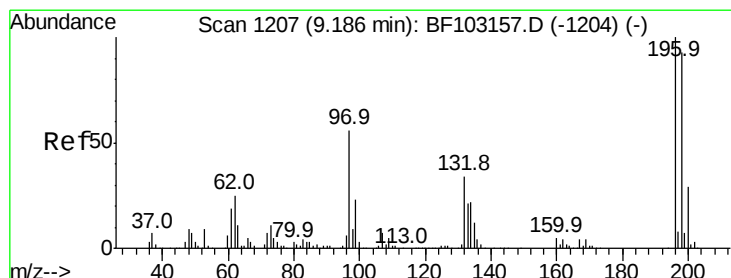
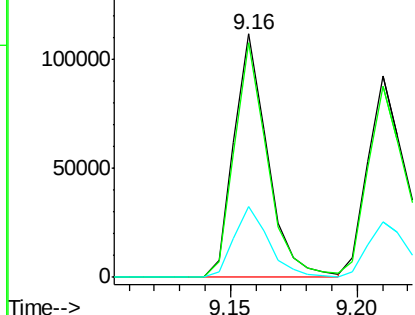
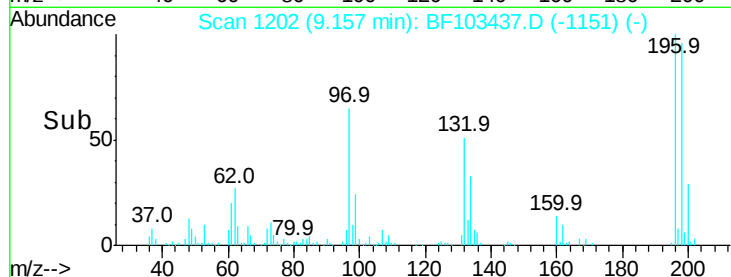


Abundance

Ion 196.00 (195.70 to 196.70): E

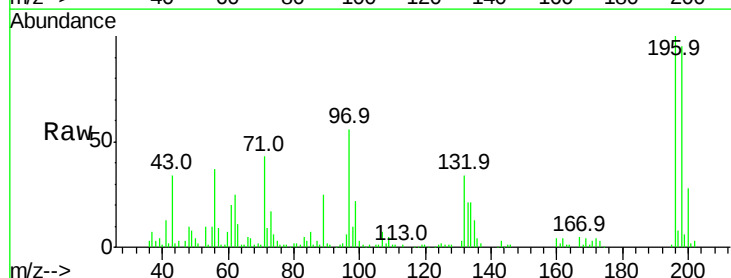
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 26.703 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	56.1	42.9	64.3
132	33.5	26.3	39.5



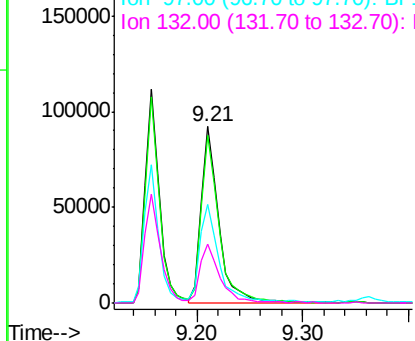
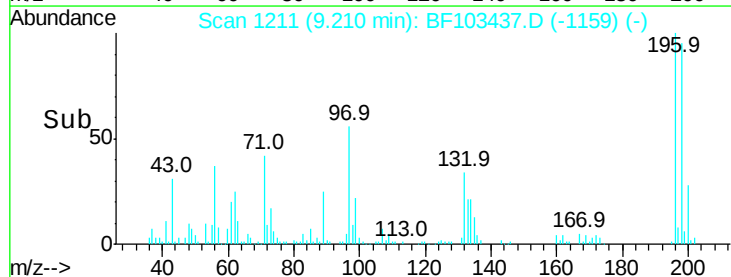
Abundance

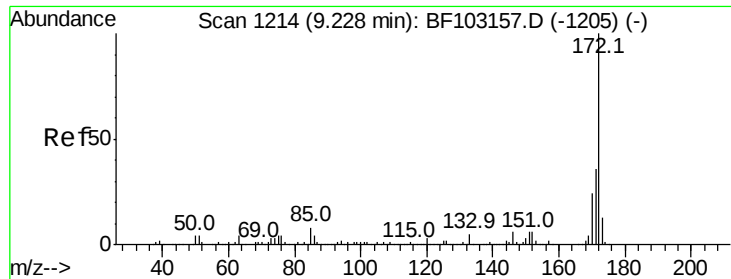
Ion 196.00 (195.70 to 196.70): E

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: 51.312 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

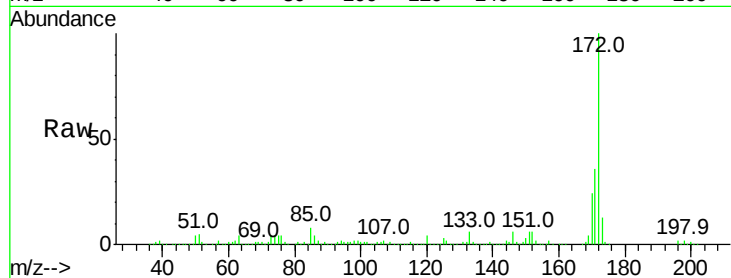
Tot Ion:172 Resp: 617582

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

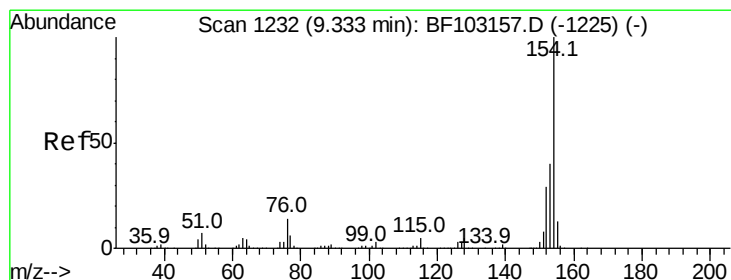
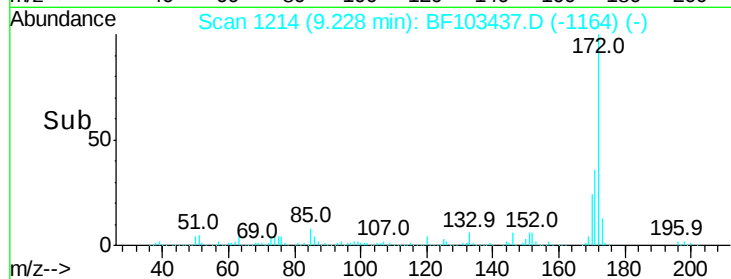
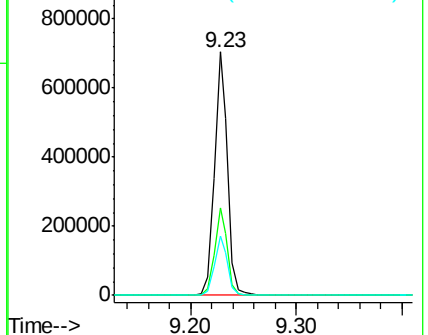
170 24.4 19.6 29.4



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: 29.586 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

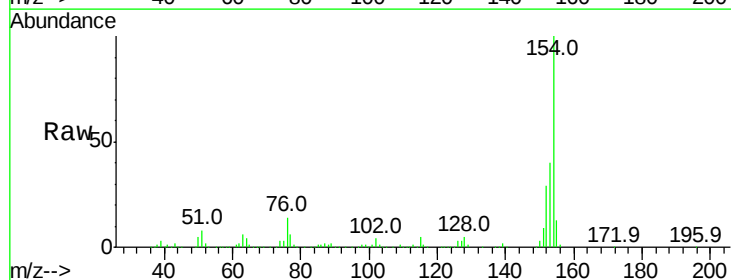
Tgt Ion:154 Resp: 465643

Ion Ratio Lower Upper

154 100

153 39.9 21.3 61.3

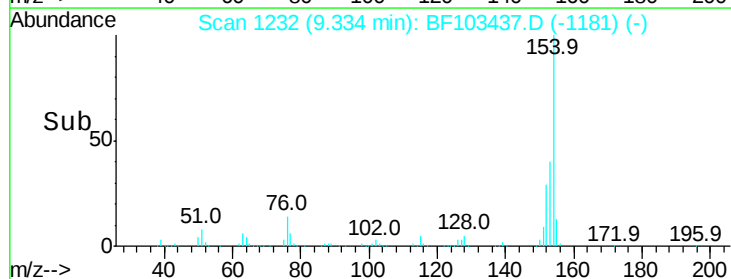
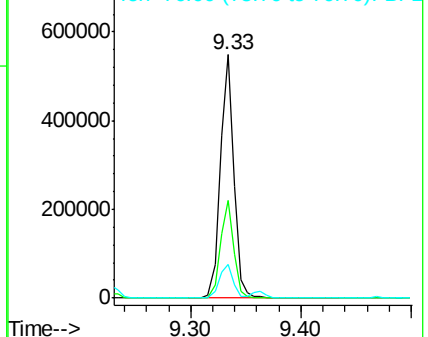
76 13.8 0.0 34.0

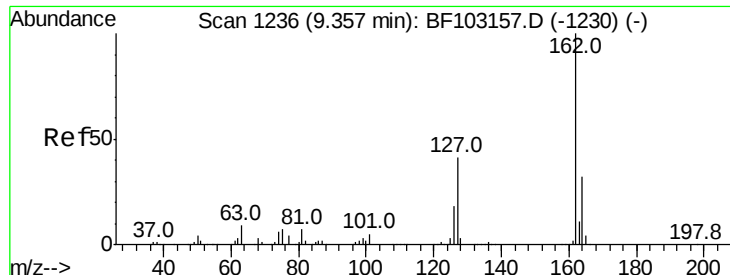


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

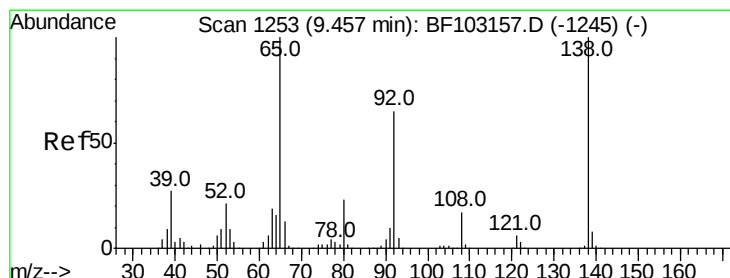
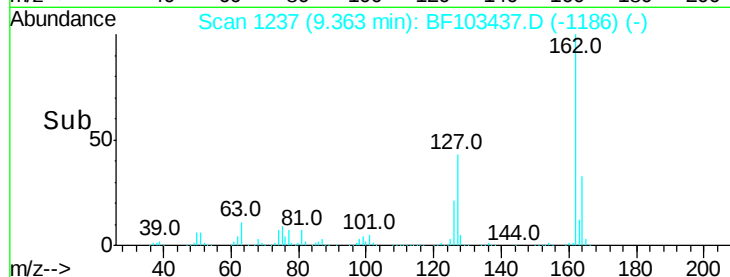
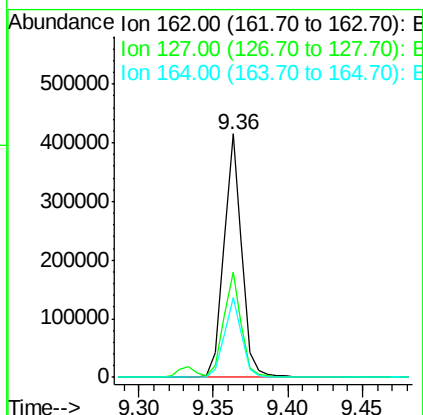
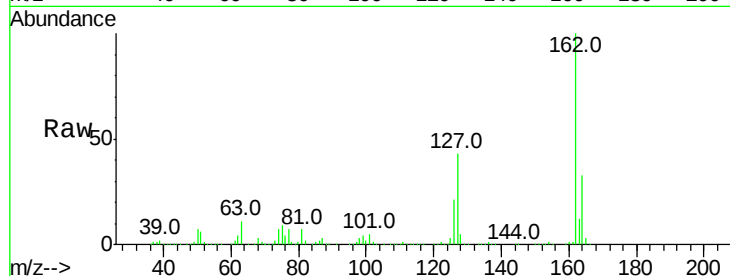




#46
 2-Chloronaphthalene
 Concen: 28.235 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

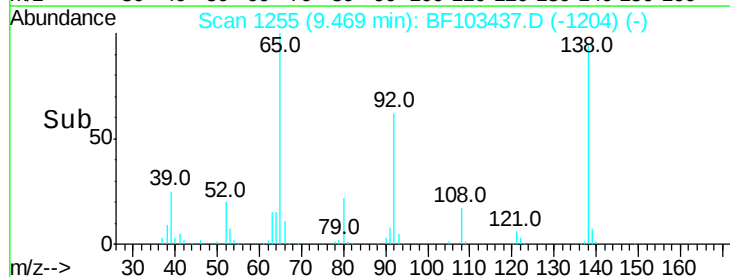
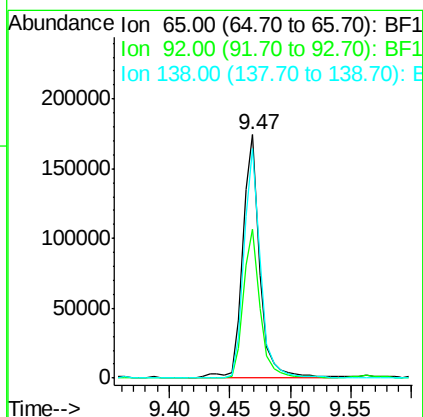
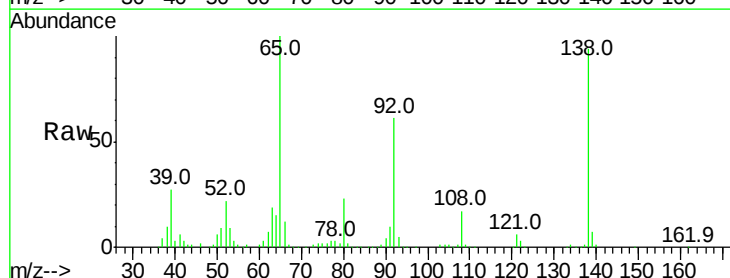
Instrument :
 BNA_F
 ClientSampleId :

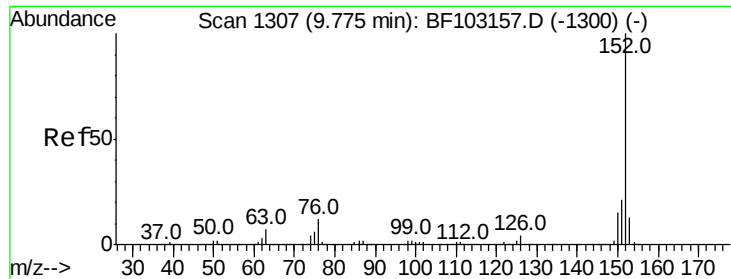
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.9	50.9
164	32.9	26.5	39.7



#47
 2-Nitroaniline
 Concen: 36.990 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.4	55.8	83.6
138	94.3	91.2	136.8





#48

Acenaphthylene

Concen: 27.553 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

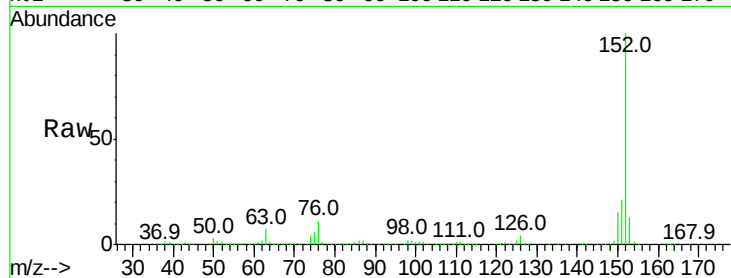
Tot Ion:152 Resp: 527855

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

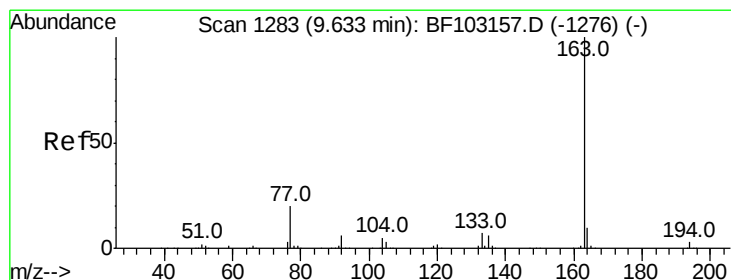
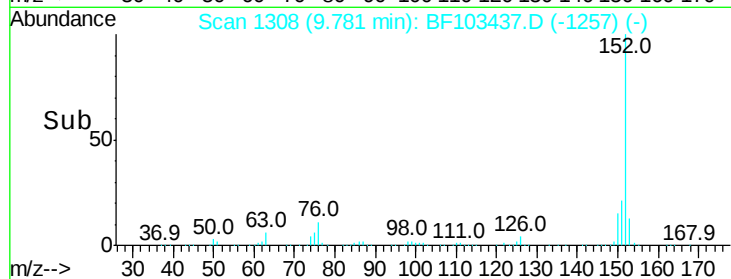
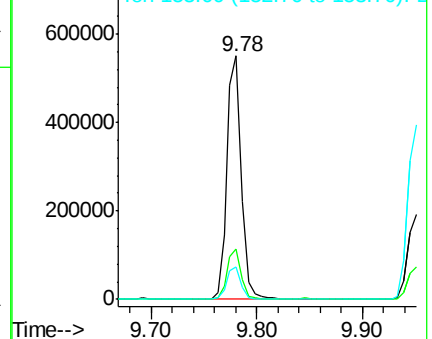
153 13.1 10.7 16.1



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: 31.449 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

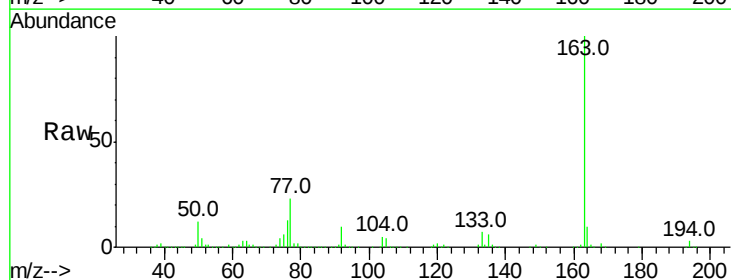
Tgt Ion:163 Resp: 473861

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

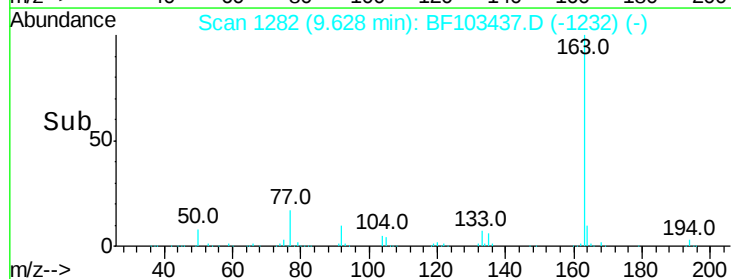
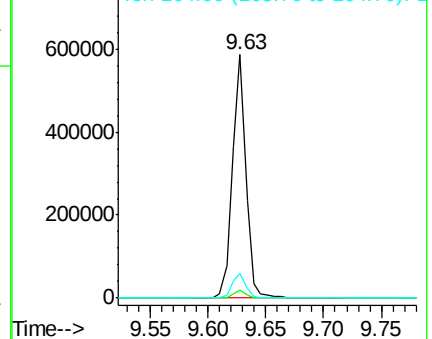
164 10.0 8.2 12.2

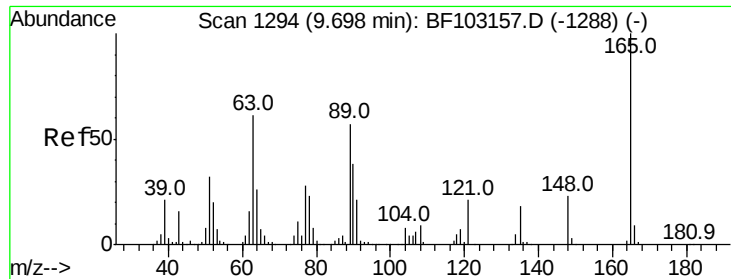


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

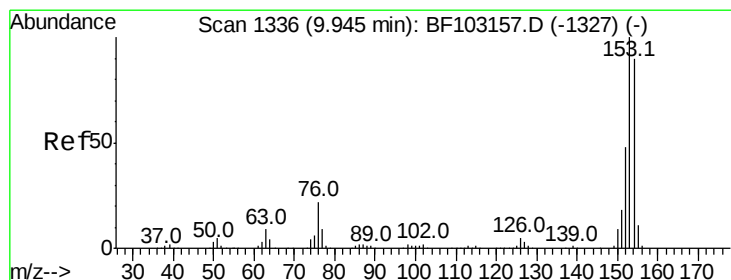
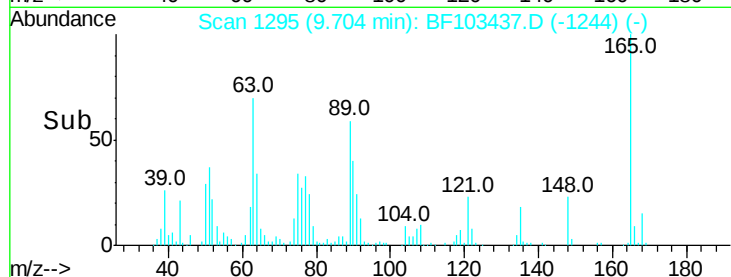
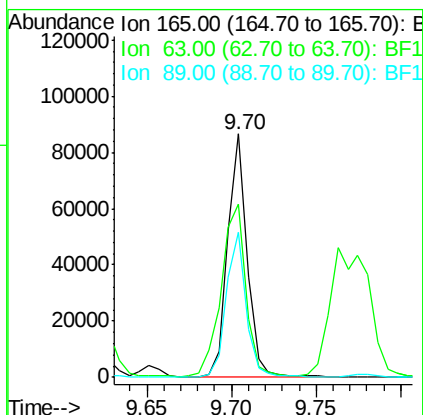
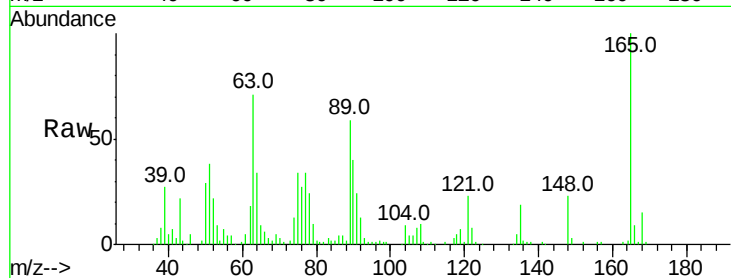




#50
2,6-Dinitrotoluene
Concen: 21.961 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

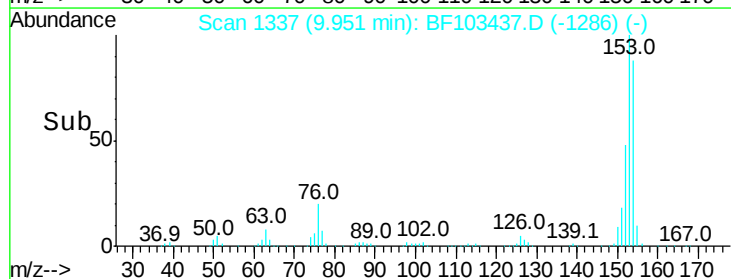
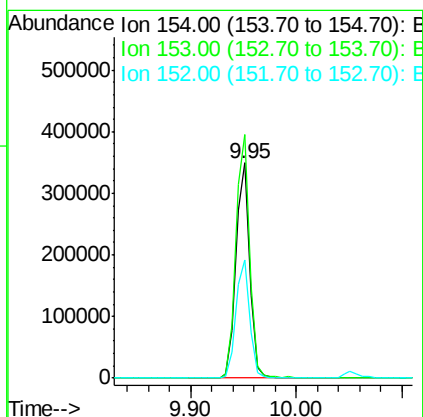
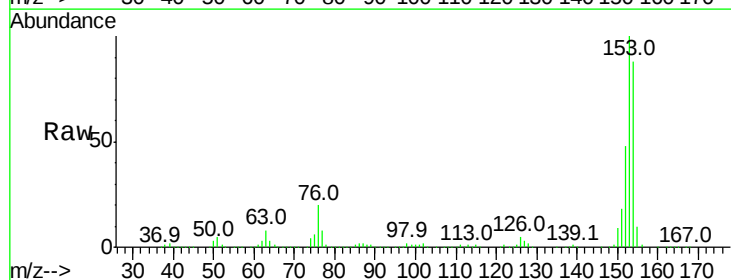
Instrument :
BNA_F
ClientSampleId :

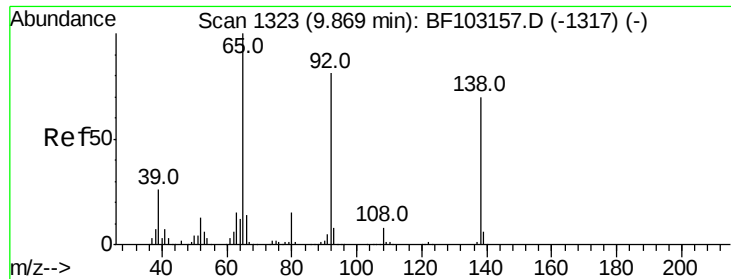
Tot Ion:165 Resp: 69441
Ion Ratio Lower Upper
165 100
63 70.9 44.7 67.1#
89 59.4 44.0 66.0



#51
Acenaphthene
Concen: 27.633 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:154 Resp: 308699
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 54.7 43.8 65.8

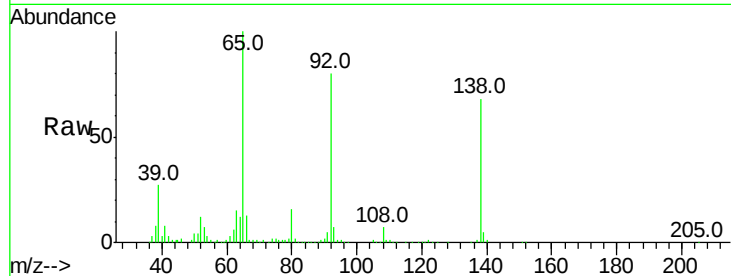




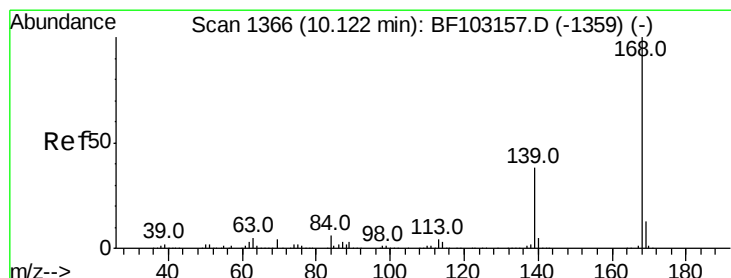
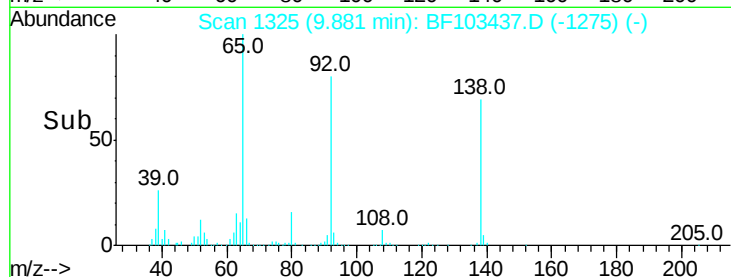
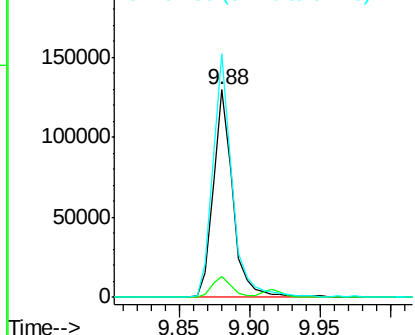
#52
3-Nitroaniline
Concen: 31.134 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 124900
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 117.5 89.4 134.2

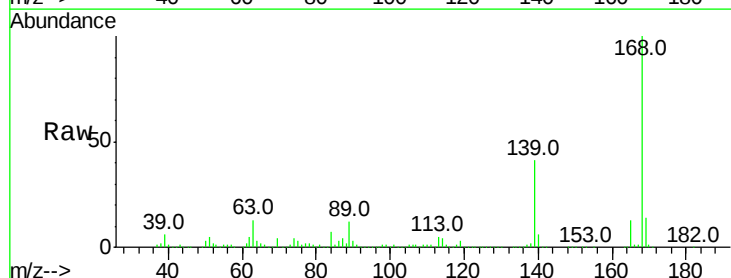


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

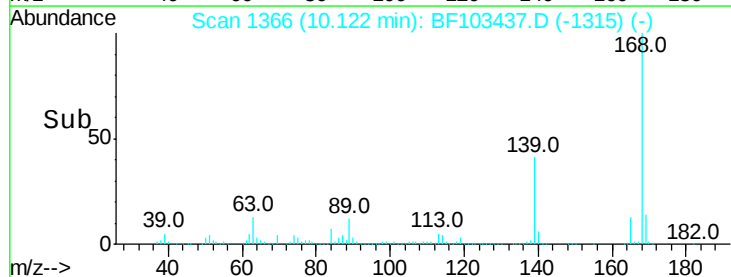
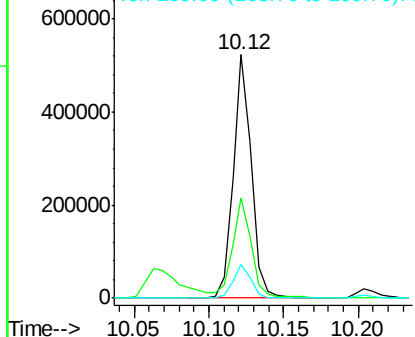


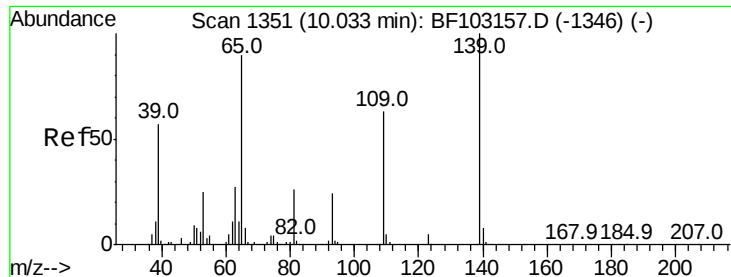
#54
Dibenzofuran
Concen: 29.170 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:168 Resp: 447327
Ion Ratio Lower Upper
168 100
139 40.9 30.1 45.1
169 13.6 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

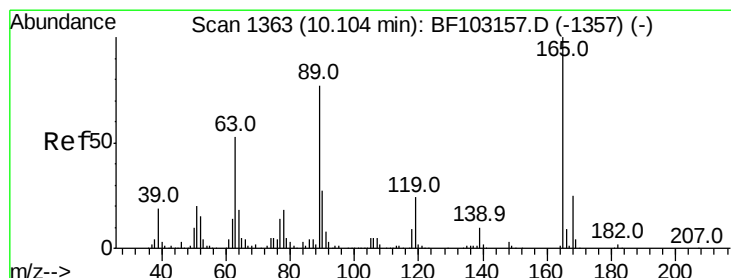
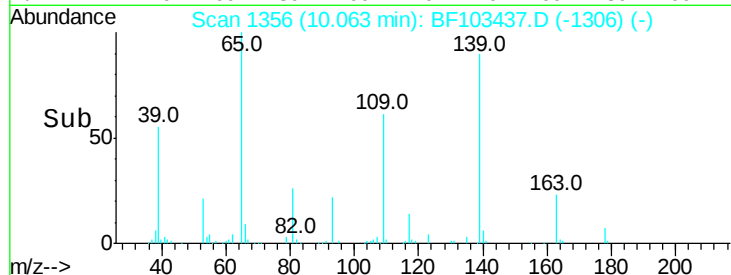
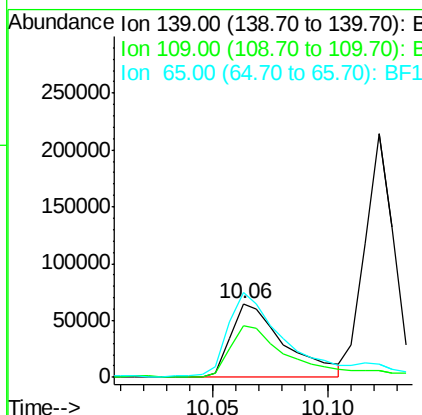
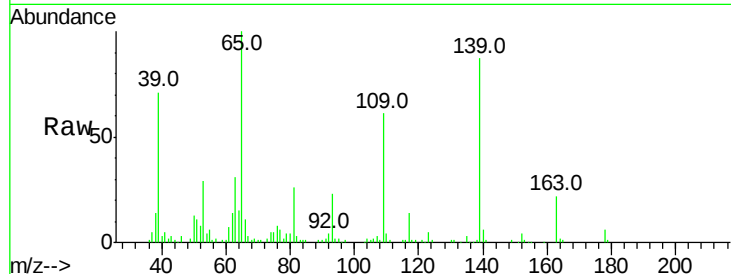




#55
4-Nitrophenol
Concen: 42.539 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

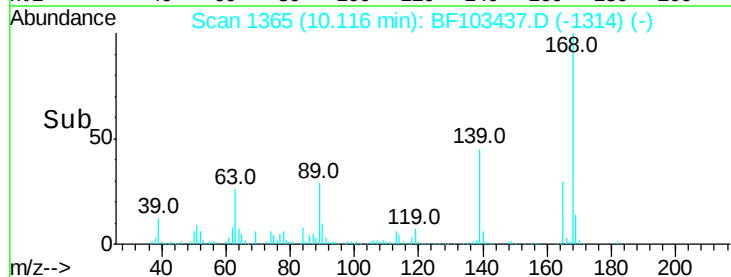
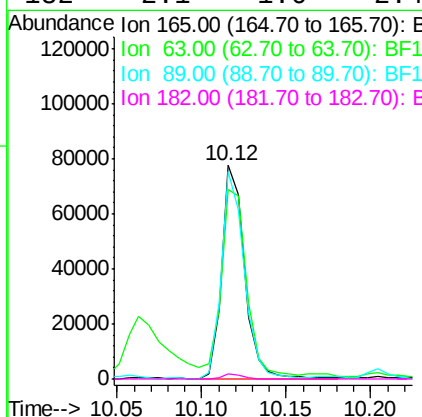
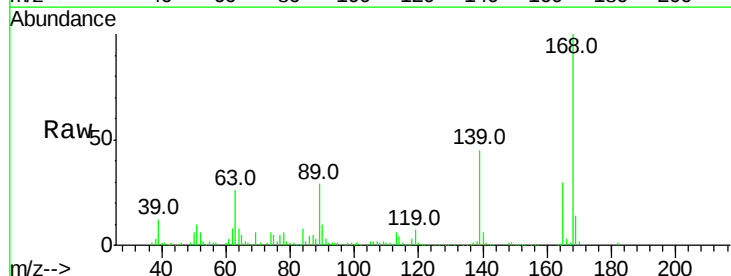
Instrument :
BNA_F
ClientSampled :

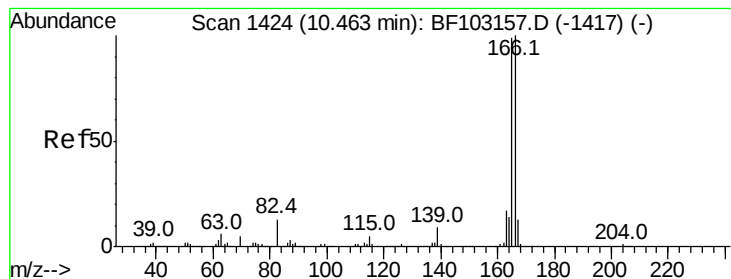
Tot Ion:139 Resp: 105767
Ion Ratio Lower Upper
139 100
109 69.7 48.4 88.4
65 114.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 18.493 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:165 Resp: 73955
Ion Ratio Lower Upper
165 100
63 88.4 36.4 54.6#
89 97.3 57.8 86.6#
182 2.1 1.6 2.4





#57

Fluorene

Concen: 25.654 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampled :

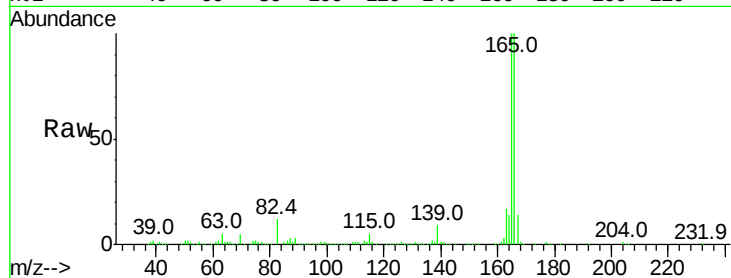
Tot Ion:166 Resp: 335136

Ion Ratio Lower Upper

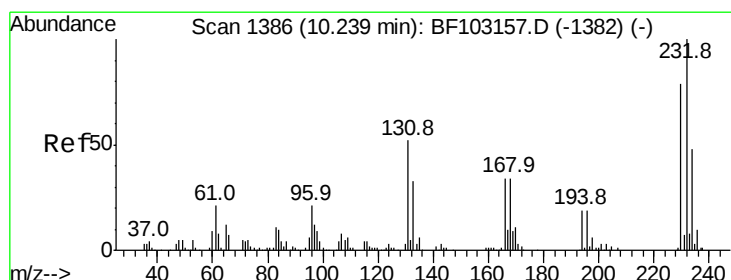
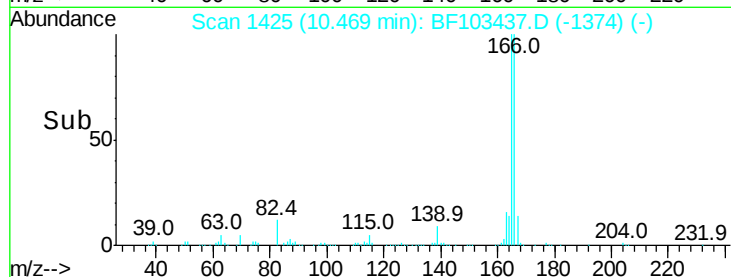
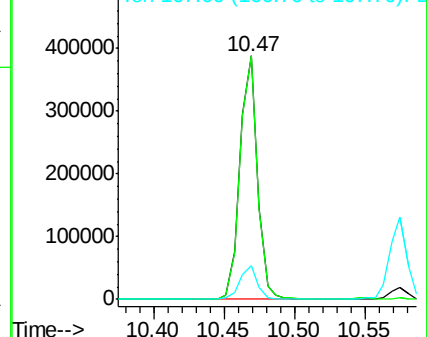
166 100

165 100.0 79.8 119.8

167 13.9 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.869 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:232 Resp: 69057

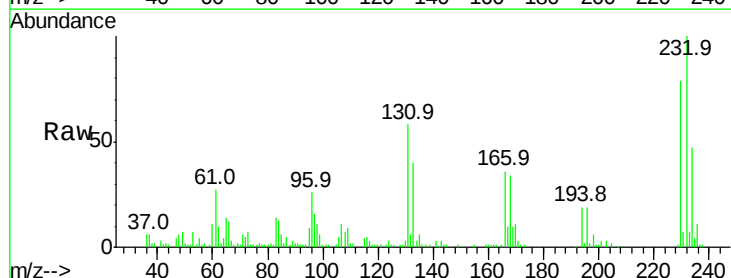
Ion Ratio Lower Upper

232 100

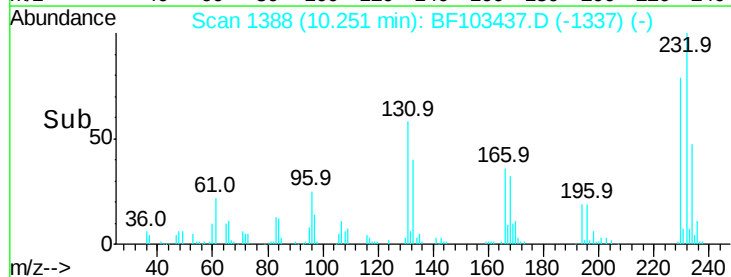
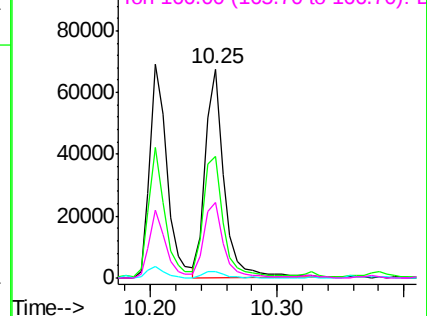
131 60.6 43.8 65.8

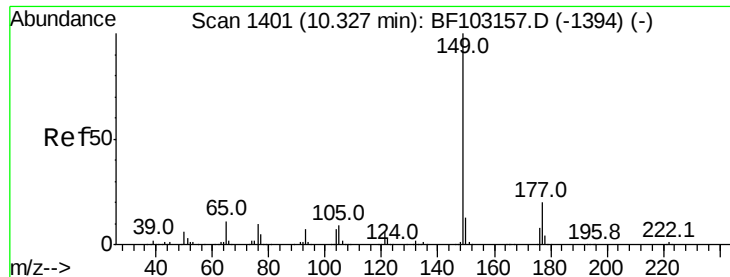
130 3.6 2.1 3.1#

166 37.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

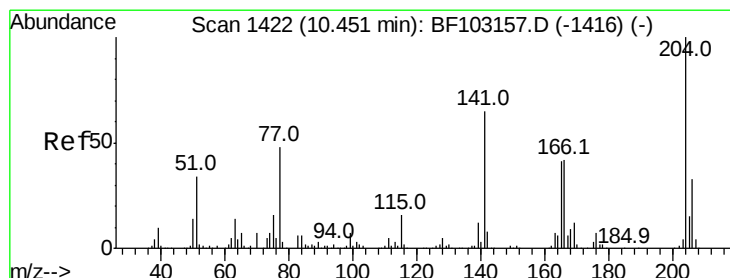
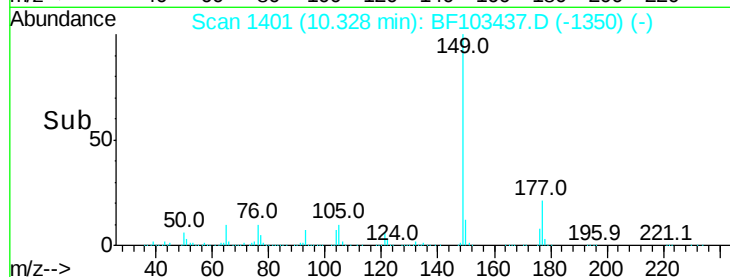
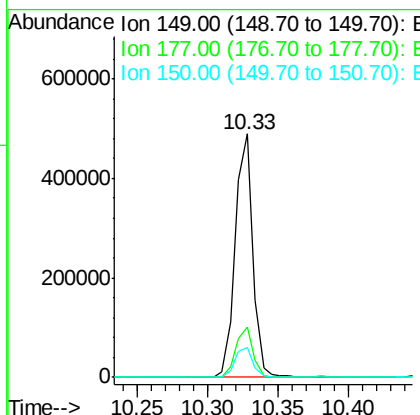
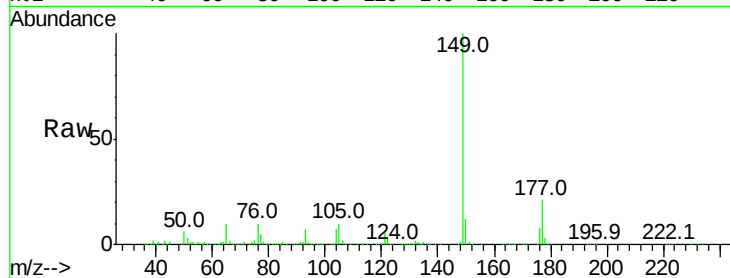




#59
Diethylphthalate
Concen: 29.260 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

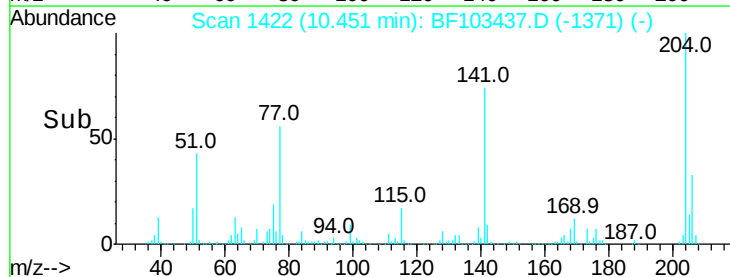
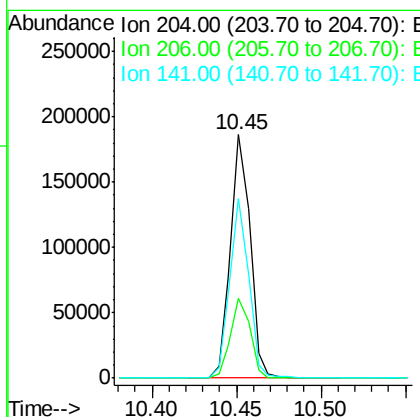
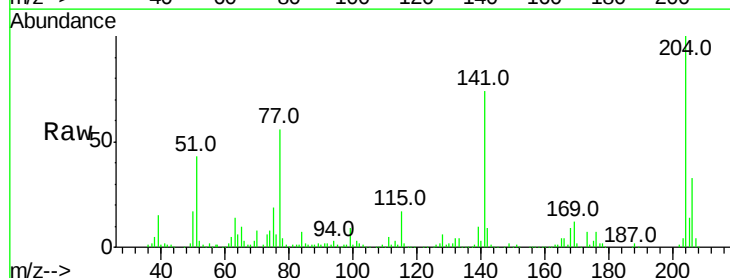
Instrument :
BNA_F
ClientSampleId :

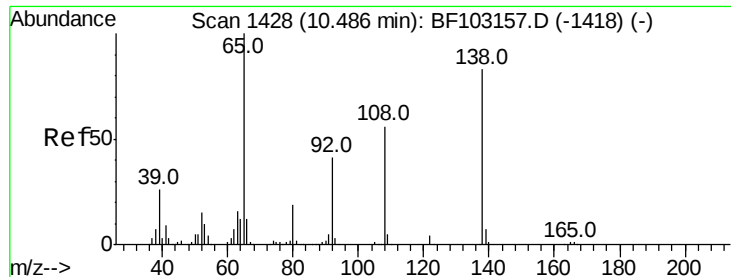
Tot Ion:149 Resp: 421658
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.130 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:204 Resp: 150292
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 73.9 54.6 81.8

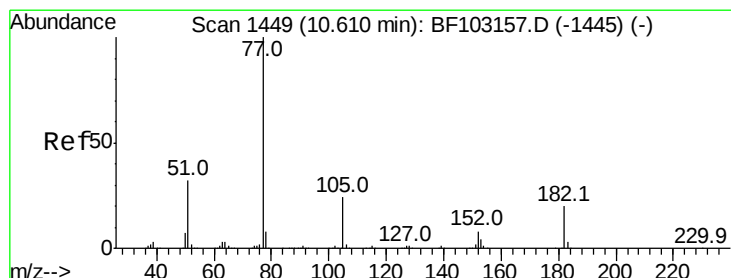
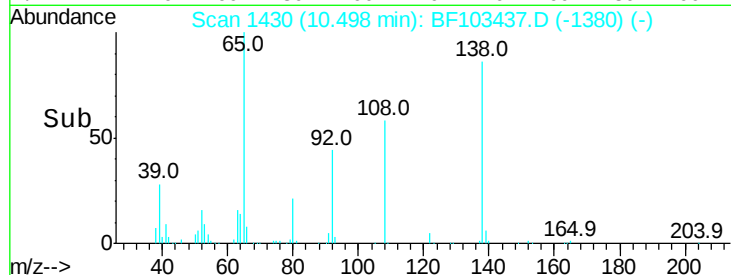
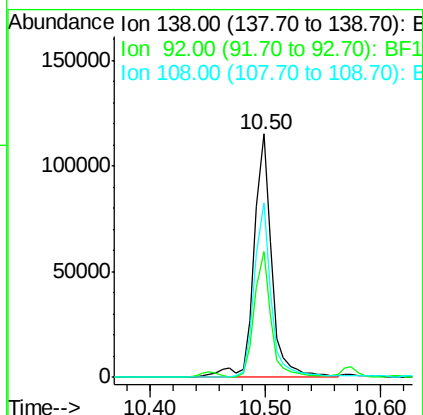
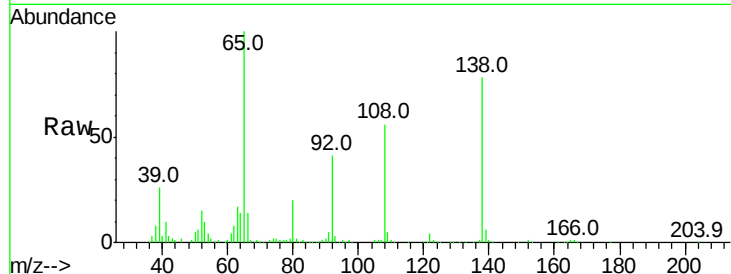




#61
4-Nitroaniline
Concen: 30.897 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

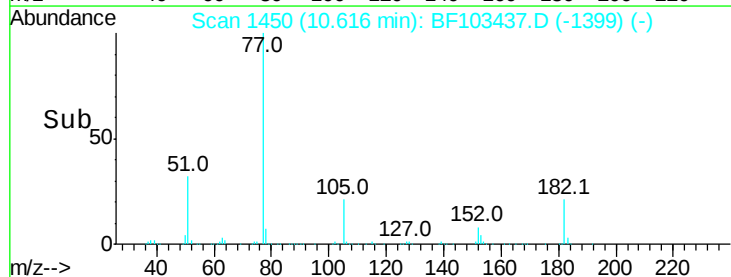
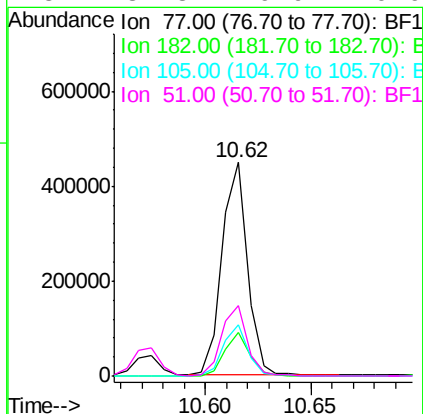
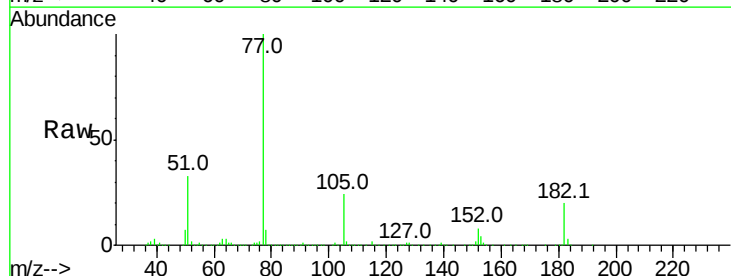
Instrument :
BNA_F
ClientSampleId :

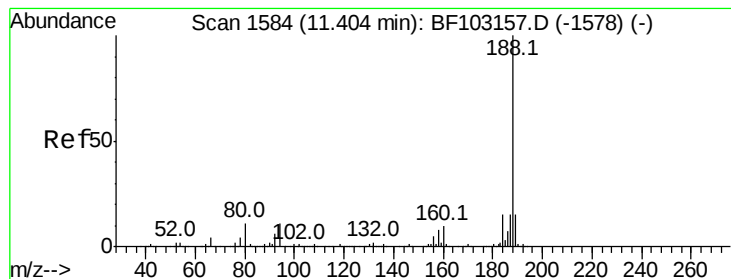
Tot Ion:138 Resp: 123801
Ion Ratio Lower Upper
138 100
92 51.9 30.2 70.2
108 71.9 52.5 92.5



#62
Azobenzene
Concen: 25.487 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion: 77 Resp: 373857
Ion Ratio Lower Upper
77 100
182 20.2 1.7 41.7
105 23.7 3.0 43.0
51 32.8 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: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

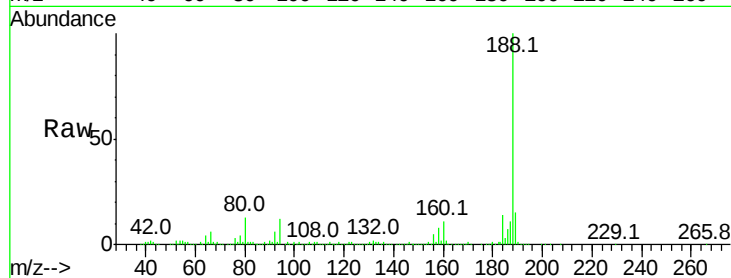
Tot Ion:188 Resp: 287703

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

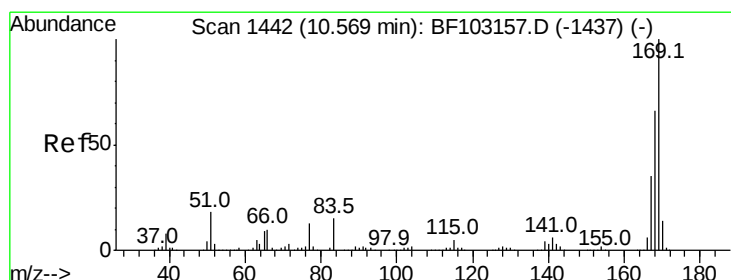
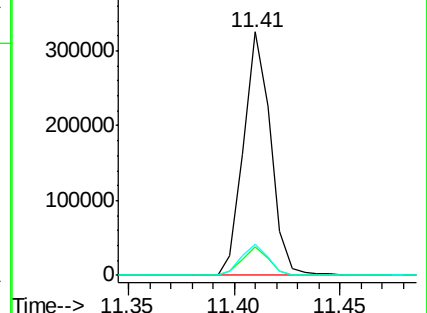
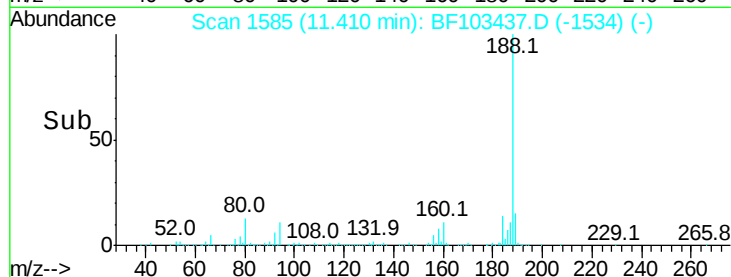
80 12.8 9.2 13.8



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



#65

n-Nitrosodiphenylamine

Concen: 29.822 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

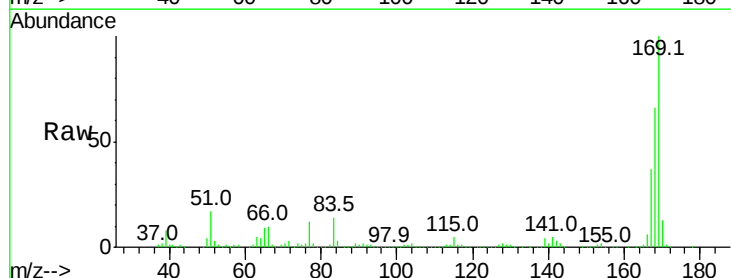
Tgt Ion:169 Resp: 298740

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

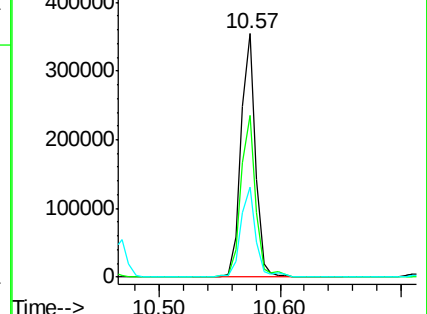
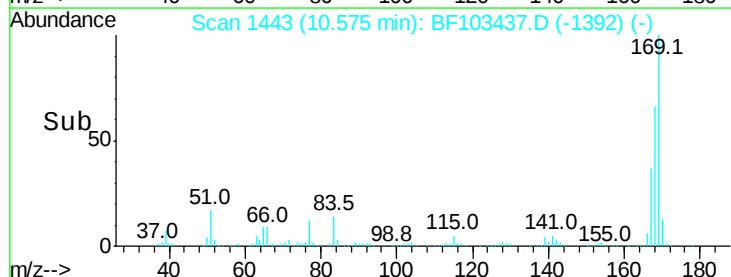
167 36.9 29.8 44.6

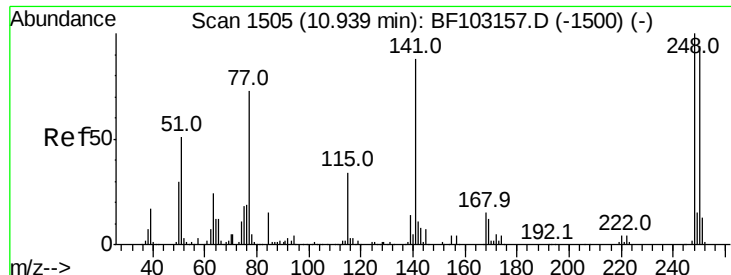


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

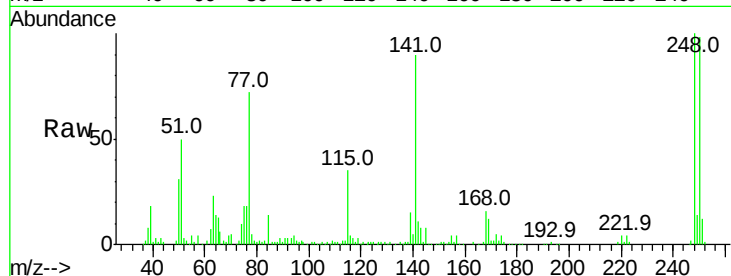




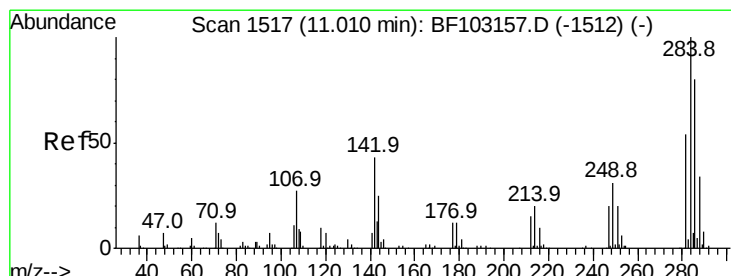
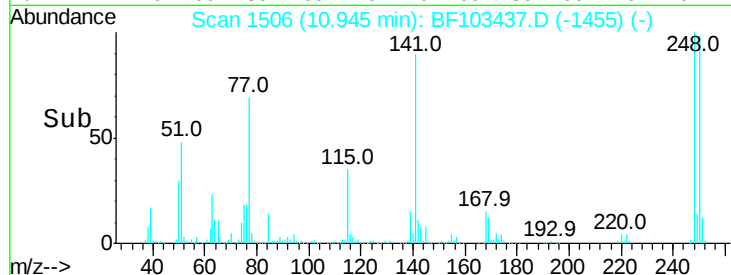
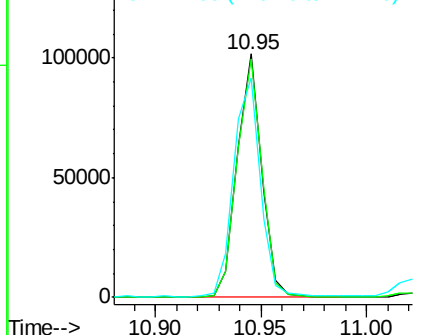
#66
4-Bromophenyl-phenylether
Concen: 26.982 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 80864
Ion Ratio Lower Upper
248 100
250 98.0 76.9 115.3
141 90.1 74.4 111.6

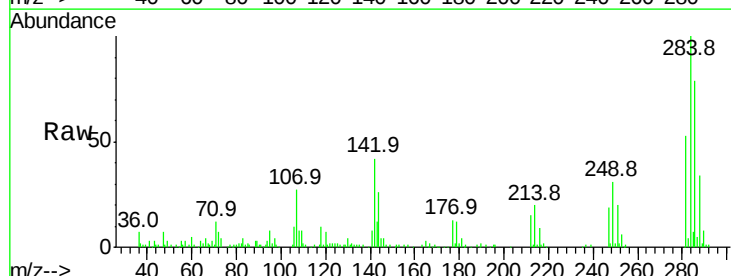


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

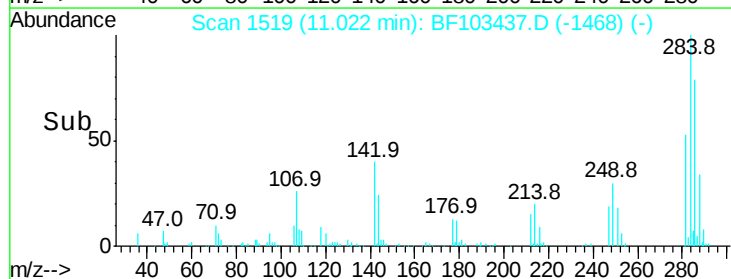
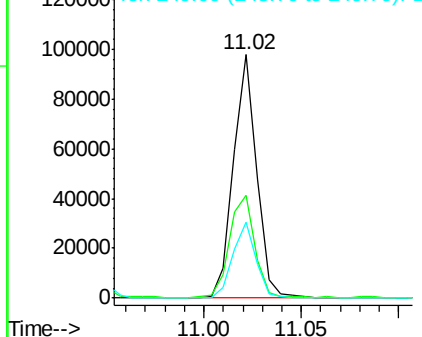


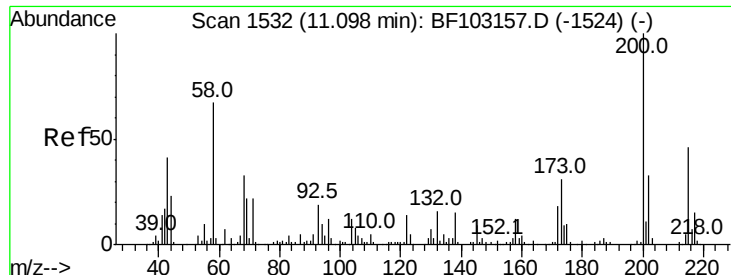
#67
Hexachlorobenzene
Concen: 24.777 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:284 Resp: 80598
Ion Ratio Lower Upper
284 100
142 42.1 34.6 52.0
249 31.1 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

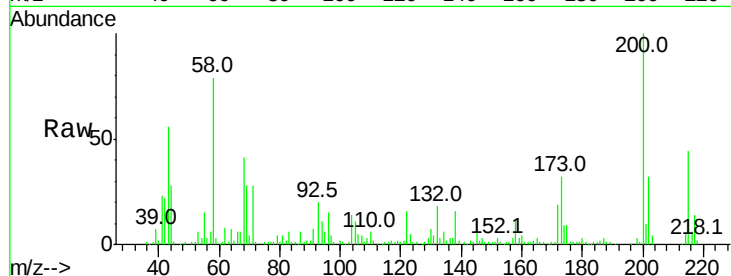




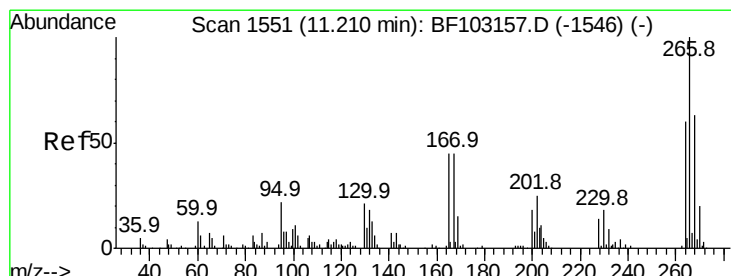
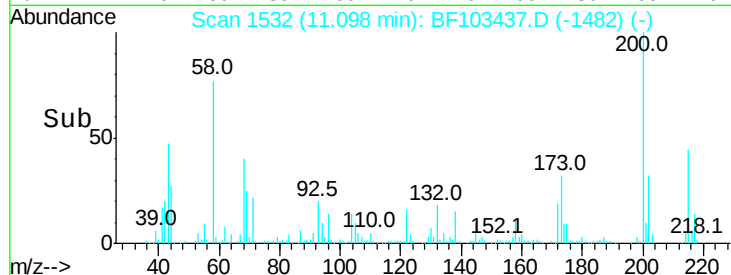
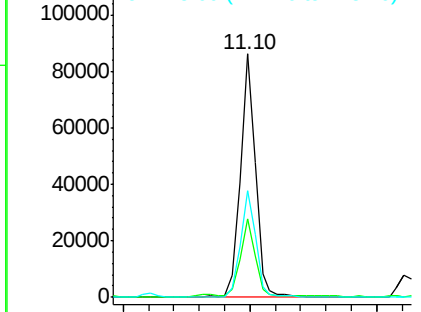
#68
Atrazine
Concen: 23.255 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 70019
Ion Ratio Lower Upper
200 100
173 32.1 8.6 48.6
215 43.9 25.1 65.1

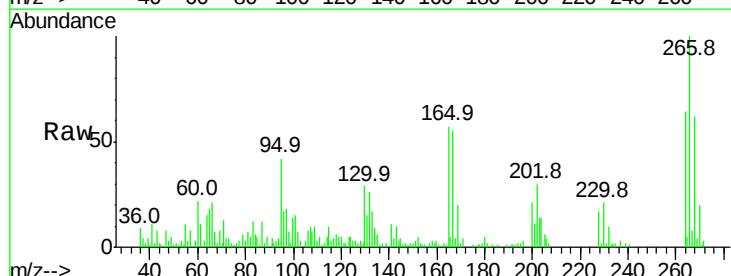


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

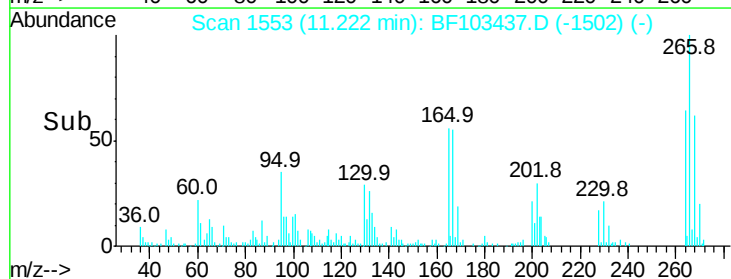
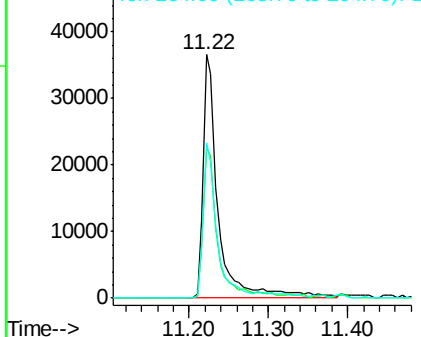


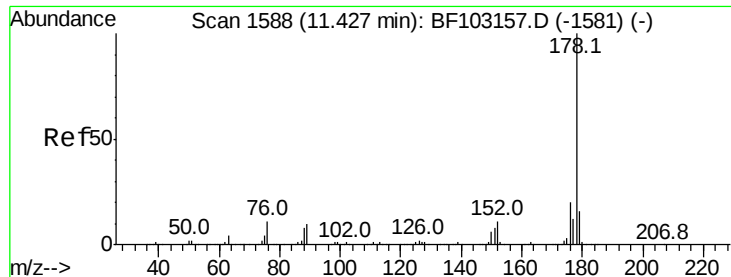
#69
Pentachlorophenol
Concen: 31.391 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:266 Resp: 49374
Ion Ratio Lower Upper
266 100
268 66.0 51.1 76.7
264 64.0 49.5 74.3



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





#70

Phenanthrene

Concen: 31.169 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

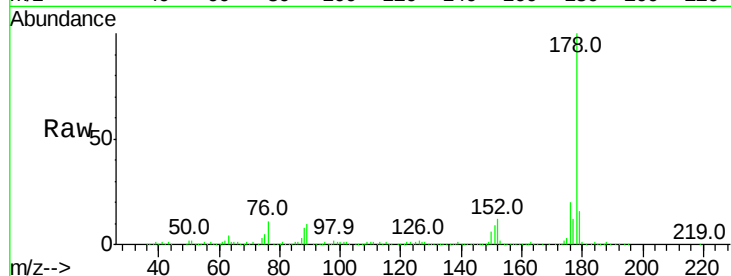
Tot Ion:178 Resp: 493512

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

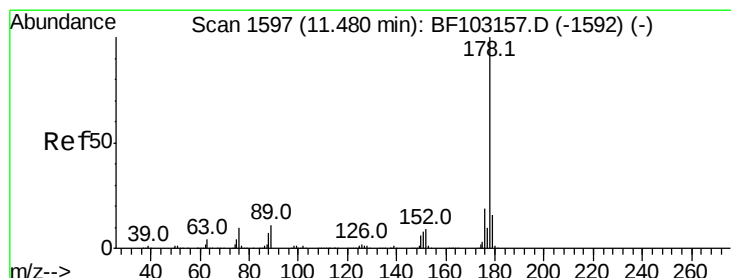
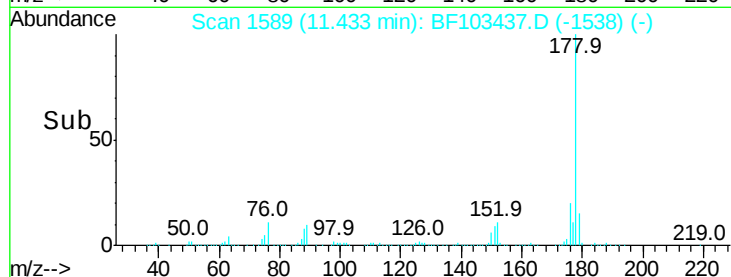
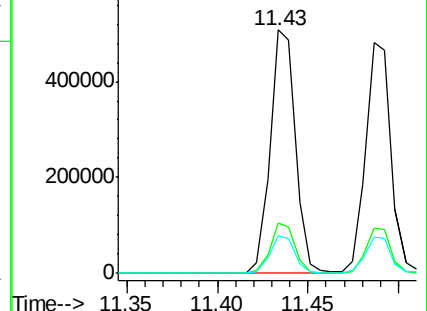
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 29.137 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

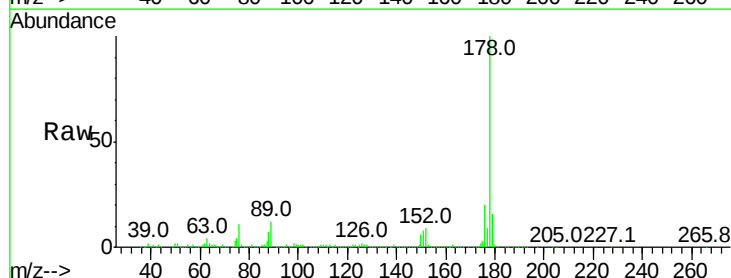
Tgt Ion:178 Resp: 473074

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

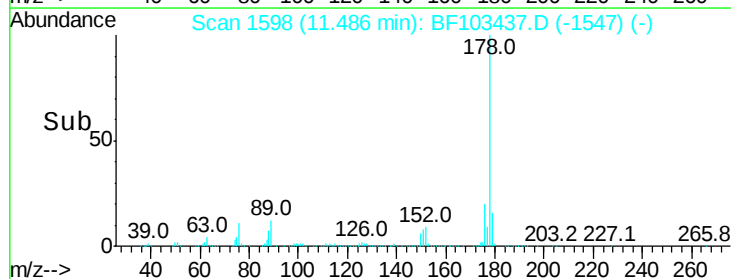
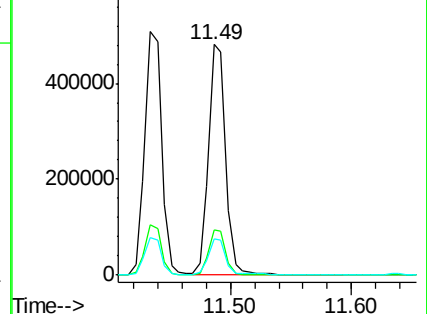
179 16.0 12.6 19.0

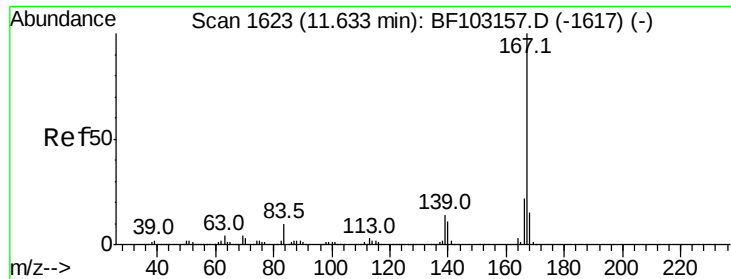


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



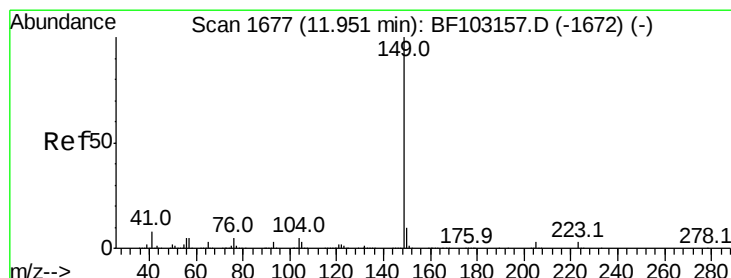
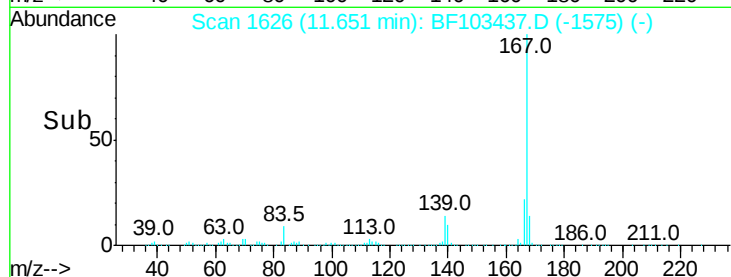
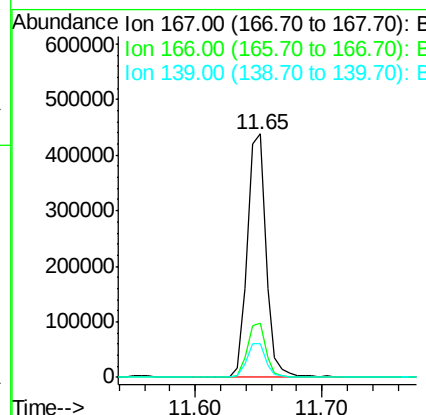
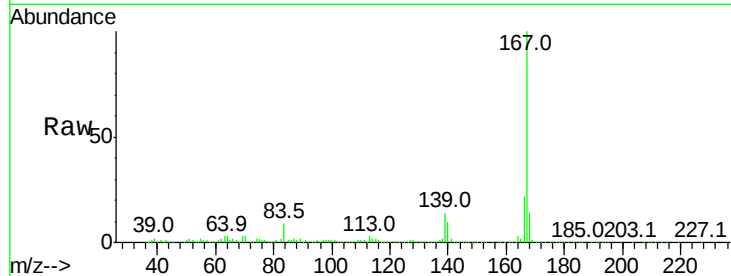


#72
 Carbazole
 Concen: 27.580 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 445915

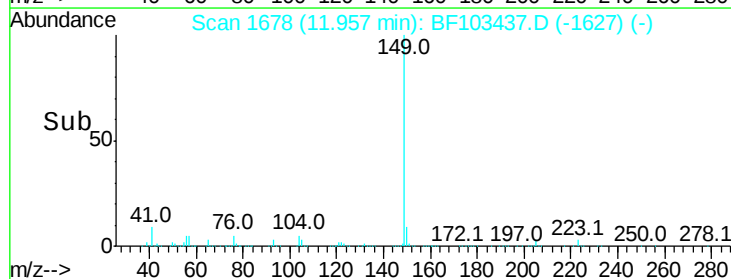
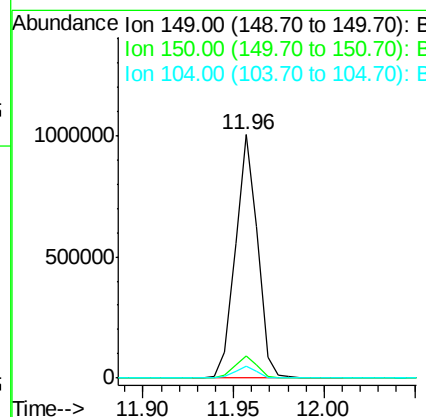
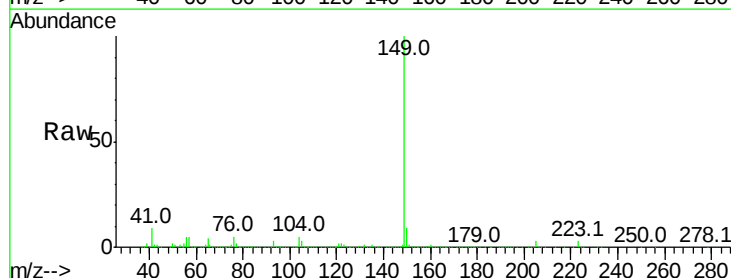
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.0	10.9	16.3

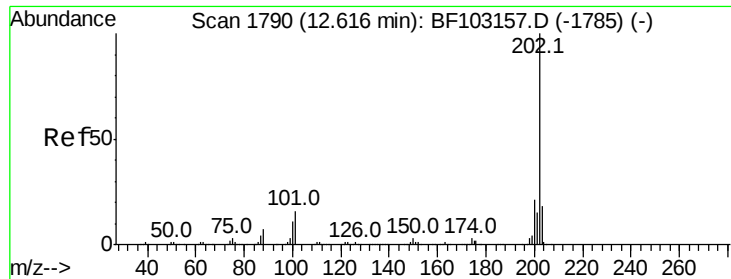


#73
 Di-n-butylphthalate
 Concen: 41.813 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion:149 Resp: 845930

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.1	3.8	5.8





#74

Fluoranthene

Concen: 32.711 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

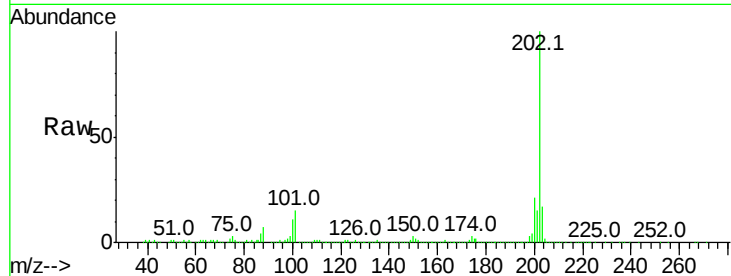
Tot Ion:202 Resp: 520456

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

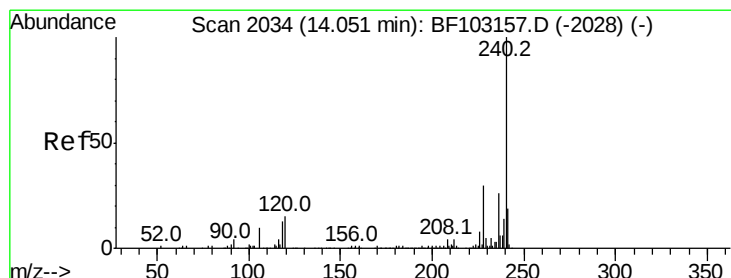
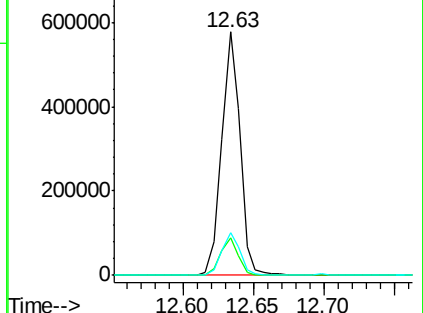
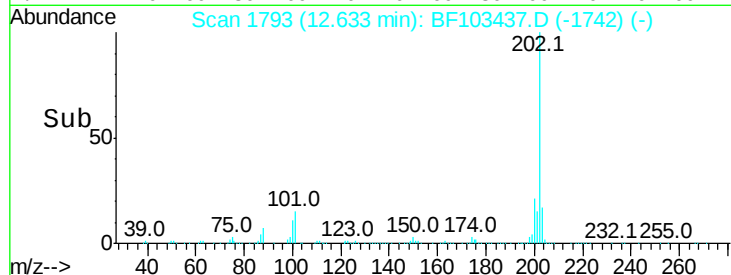
203 17.4 0.0 38.1



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# 2037

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

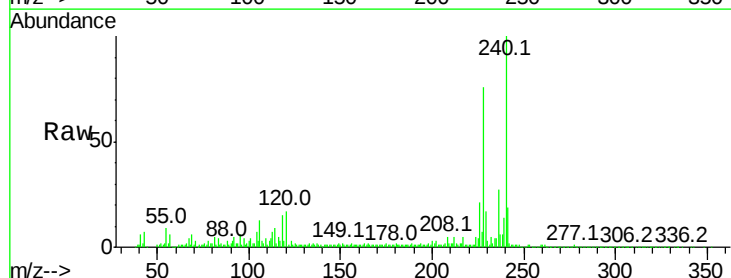
Tgt Ion:240 Resp: 160772

Ion Ratio Lower Upper

240 100

120 17.3 9.5 14.3#

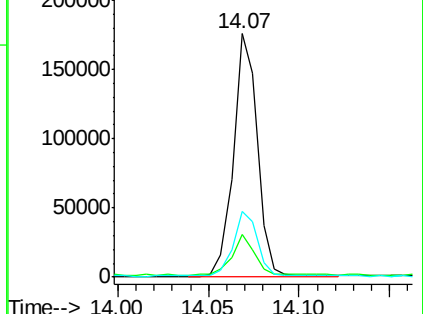
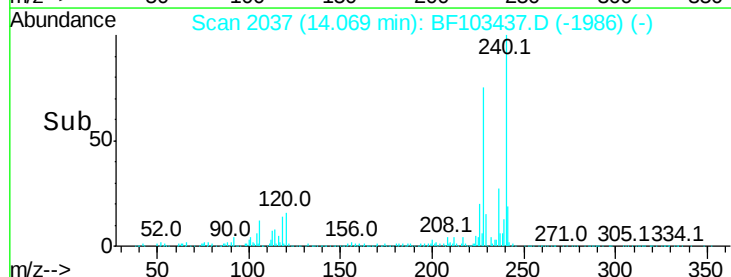
236 27.0 20.7 31.1

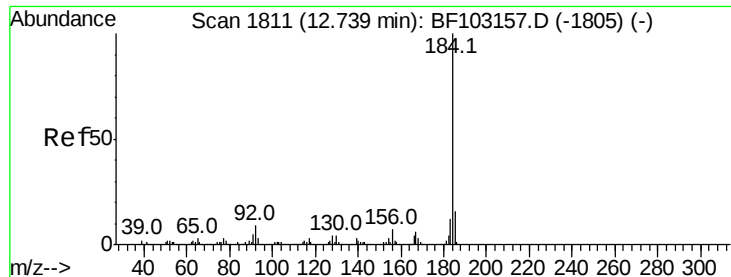


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 36.244 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

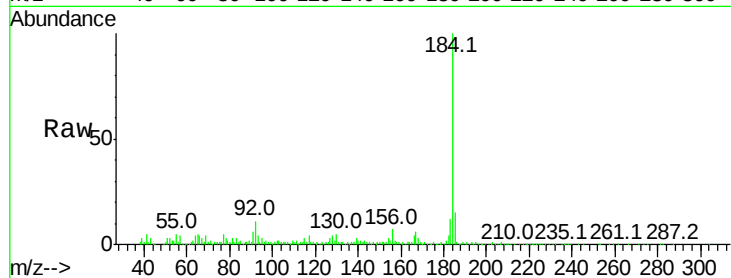
Tot Ion:184 Resp: 217844

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

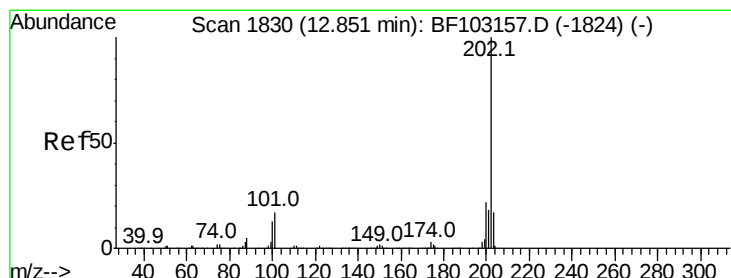
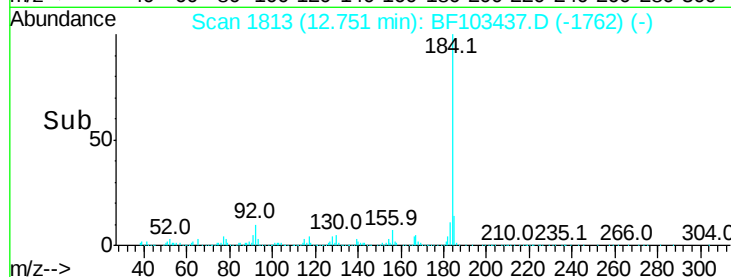
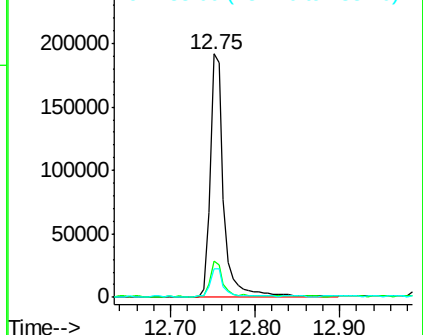
183 11.7 9.3 13.9



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

Pyrene

Concen: 43.063 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

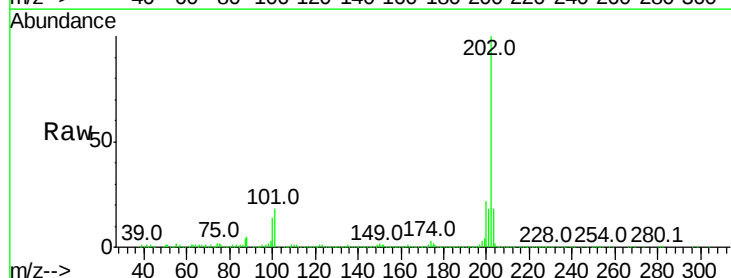
Tgt Ion:202 Resp: 539786

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

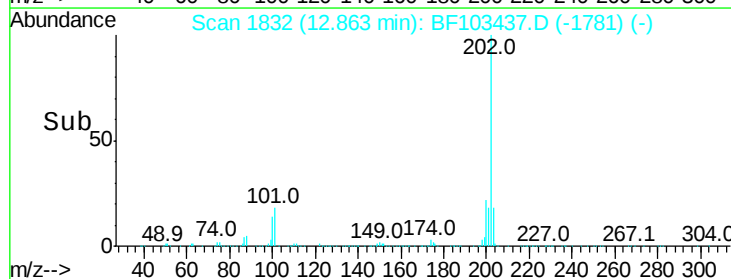
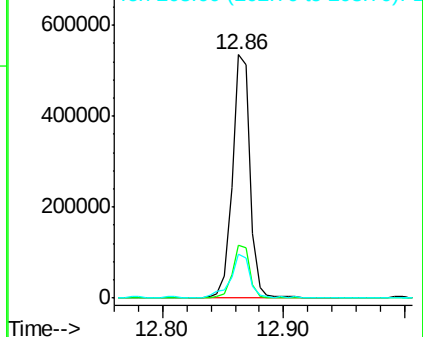
203 17.9 14.3 21.5

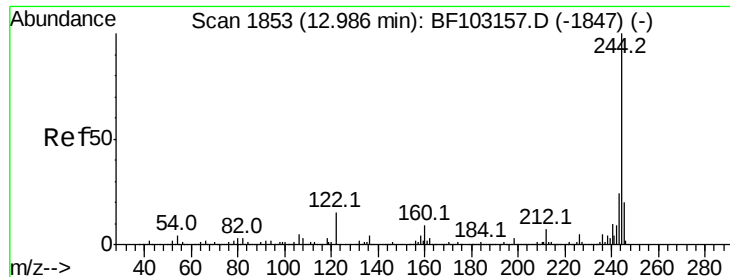


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.397 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

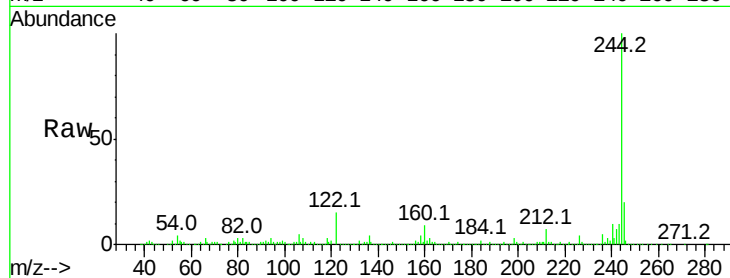
Tot Ion:244 Resp: 424003

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

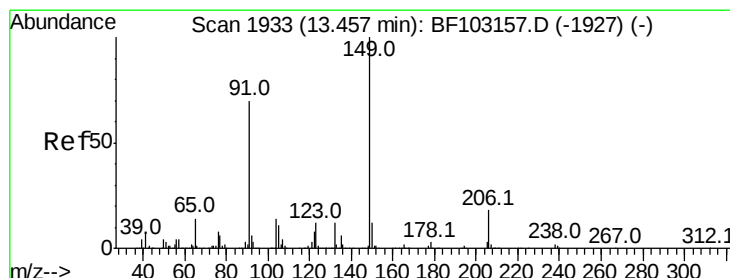
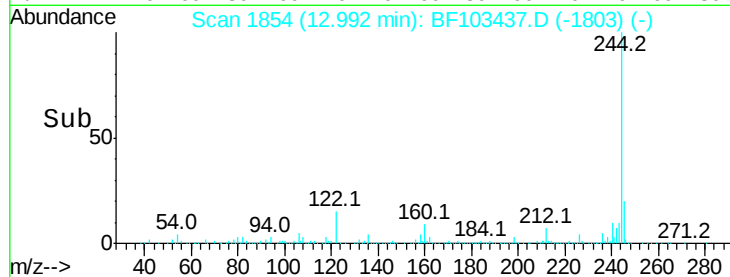
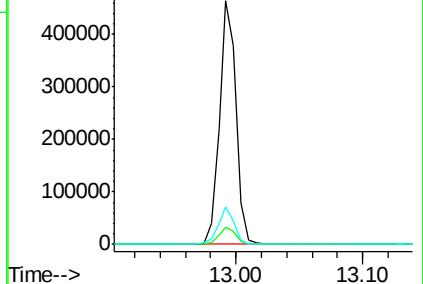
122 15.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.640 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

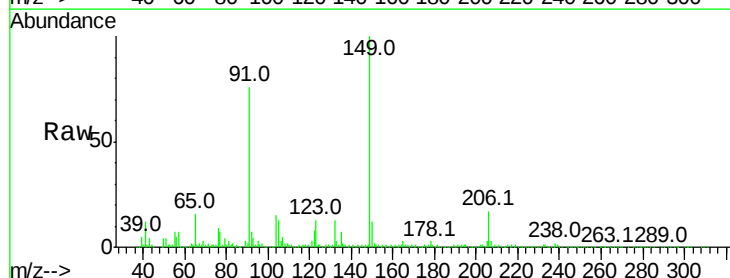
Tgt Ion:149 Resp: 222786

Ion Ratio Lower Upper

149 100

91 76.4 56.8 85.2

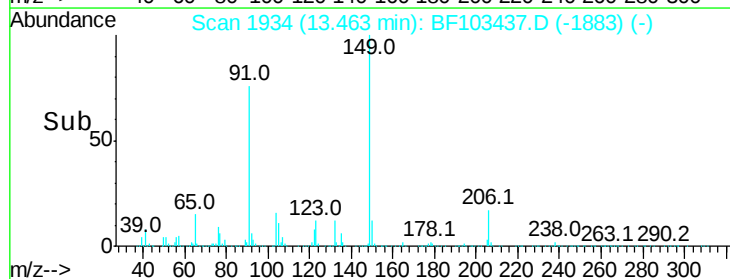
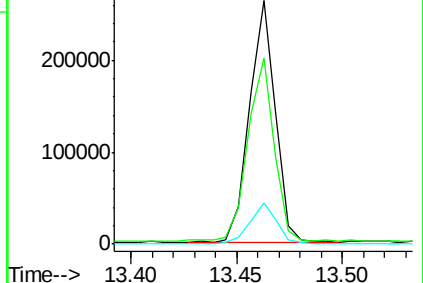
206 16.8 14.1 21.1

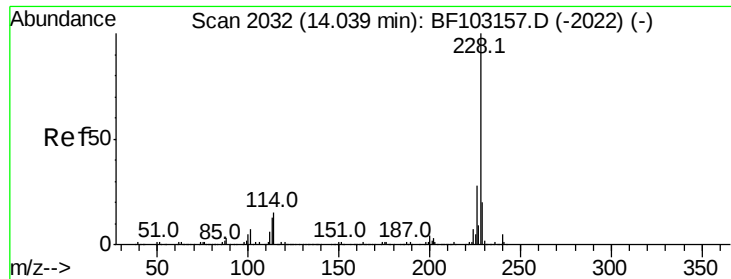


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

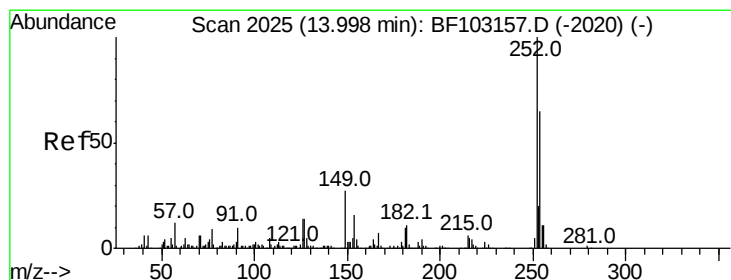
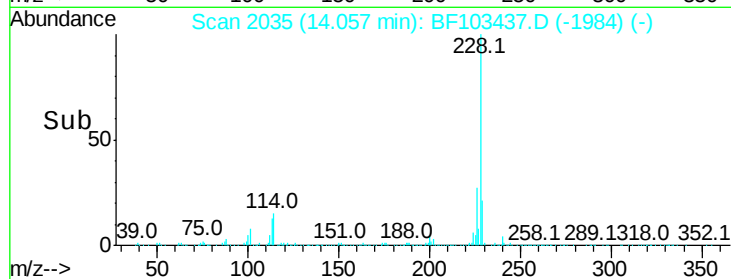
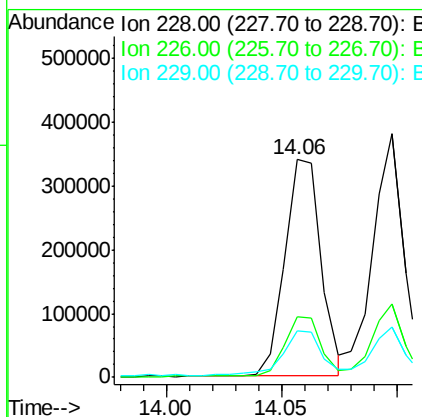
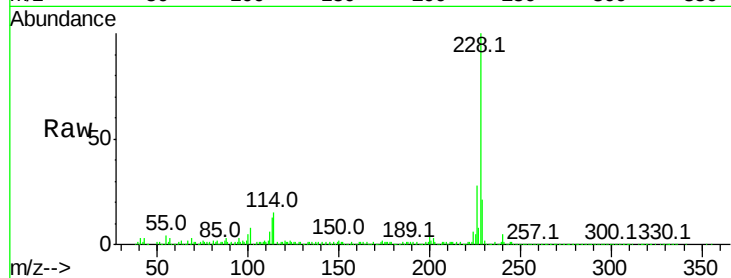




#80
Benzo(a)anthracene
Concen: 35.381 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

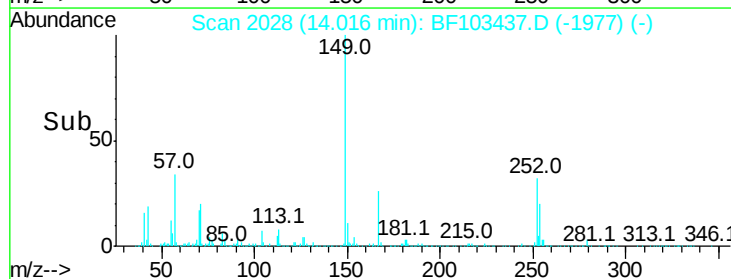
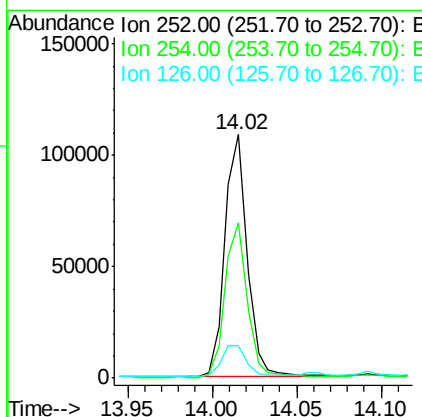
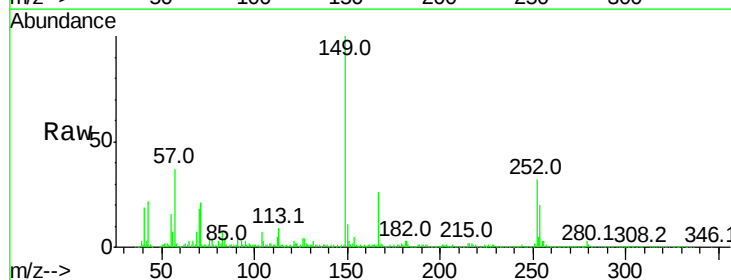
Instrument :
BNA_F
ClientSampleId :

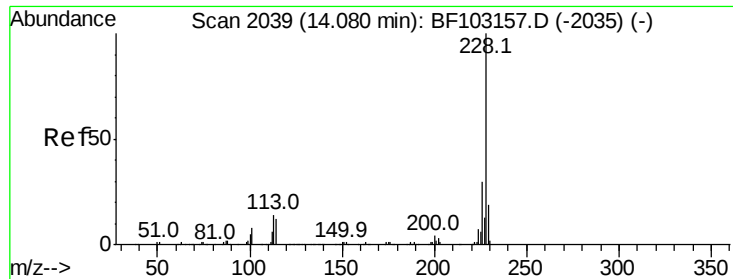
Tot Ion:228 Resp: 369077
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 21.3 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 27.030 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:252 Resp: 100626
Ion Ratio Lower Upper
252 100
254 63.7 50.4 75.6
126 13.5 11.3 16.9





#82

Chrysene

Concen: 34.597 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

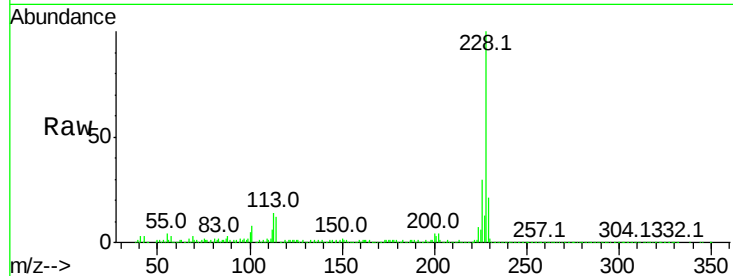
Tot Ion:228 Resp: 350419

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

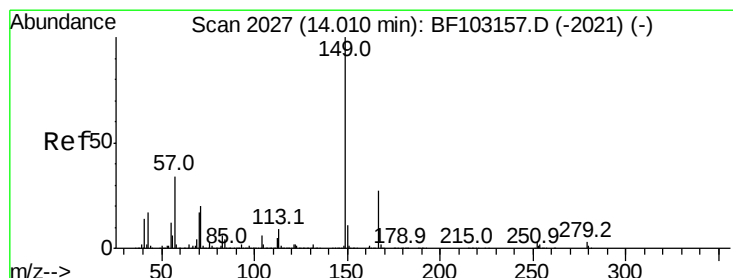
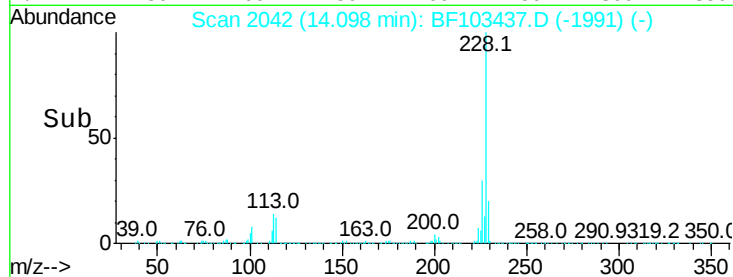
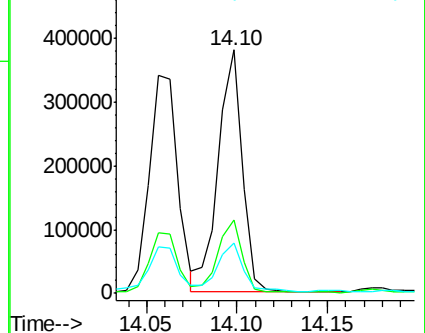
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.033 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

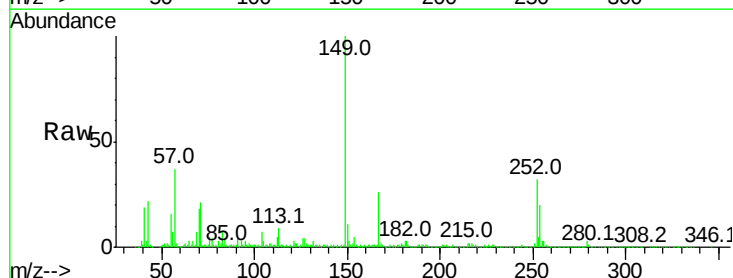
Tgt Ion:149 Resp: 304150

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

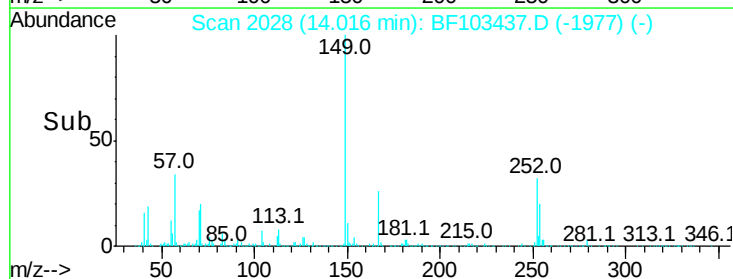
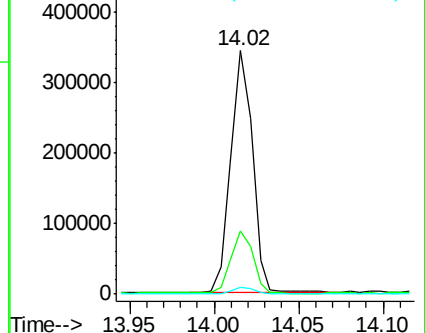
279 2.7 3.0 4.4#

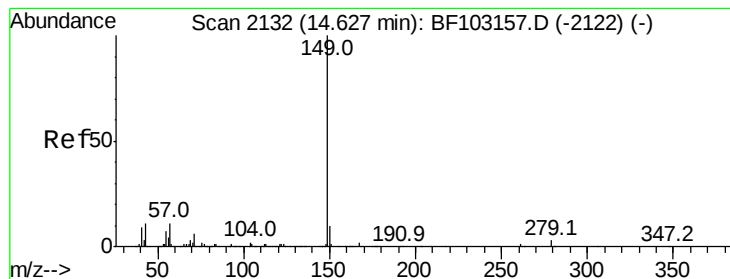


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 32.164 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

ClientSampleId :

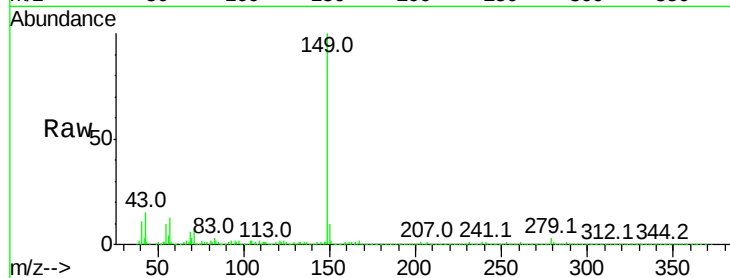
Tot Ion:149 Resp: 464432

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

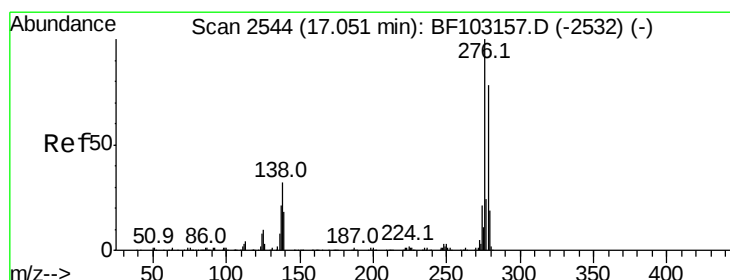
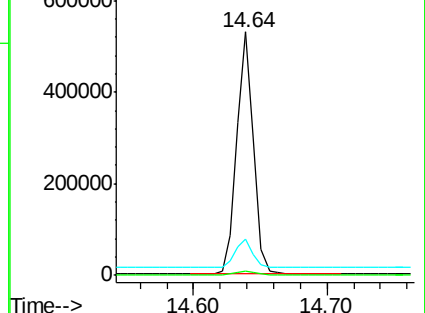
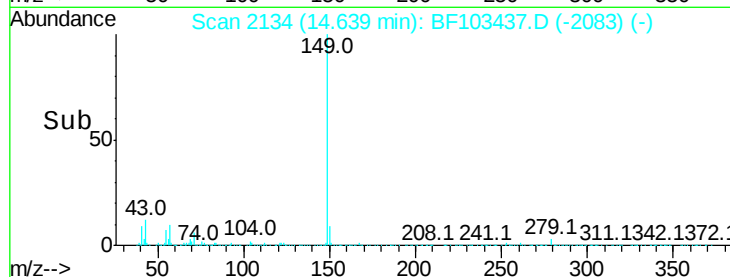
43 12.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 30.410 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

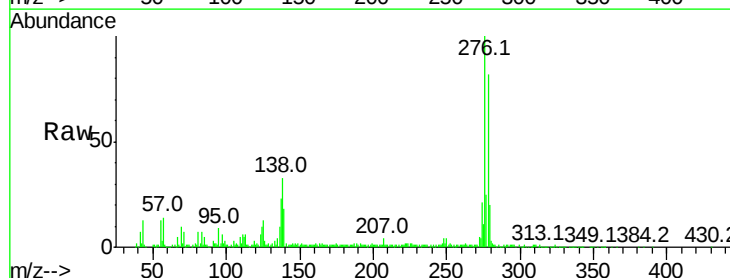
Tgt Ion:276 Resp: 243846

Ion Ratio Lower Upper

276 100

138 30.9 25.0 37.6

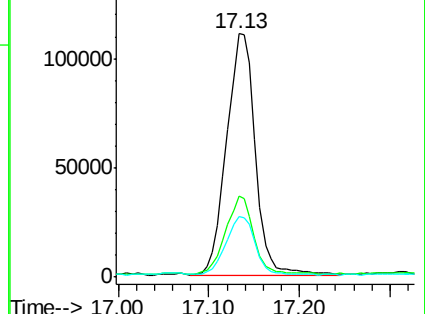
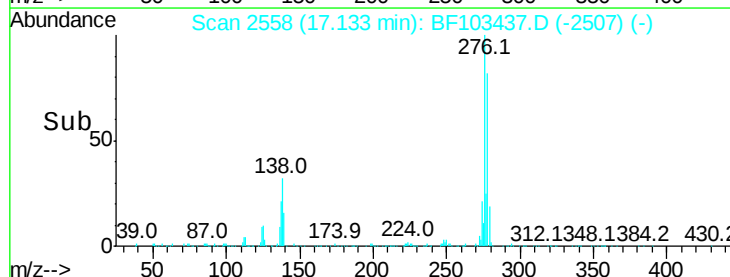
277 23.8 20.1 30.1

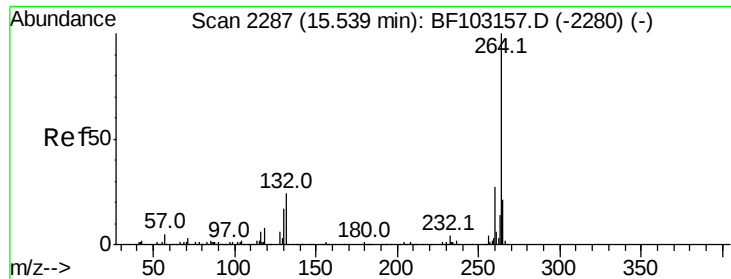


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



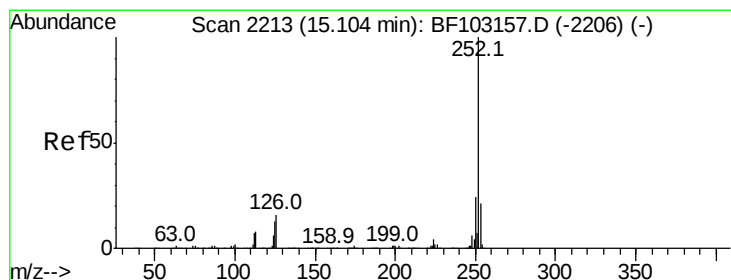
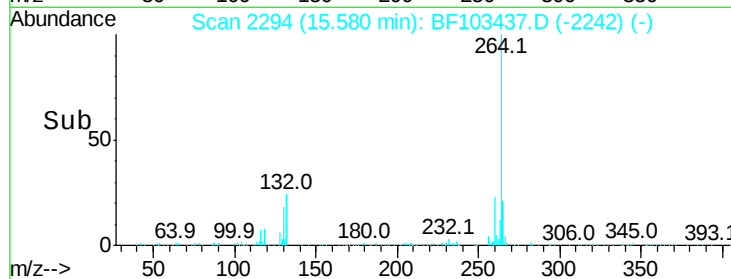
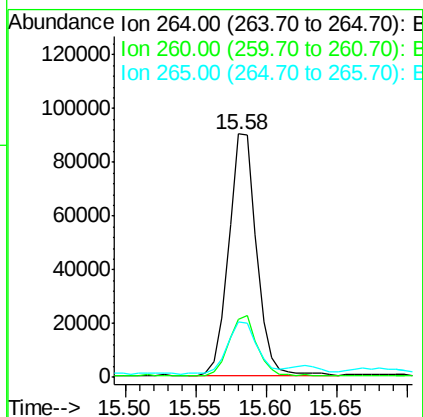
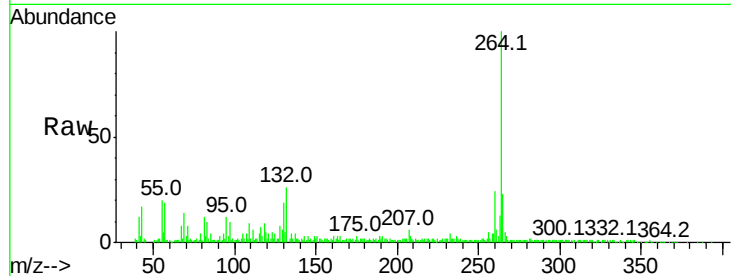


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 124223

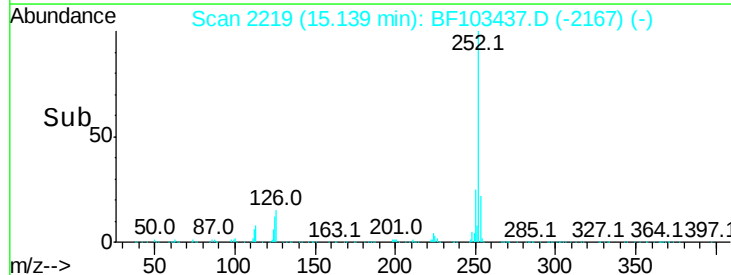
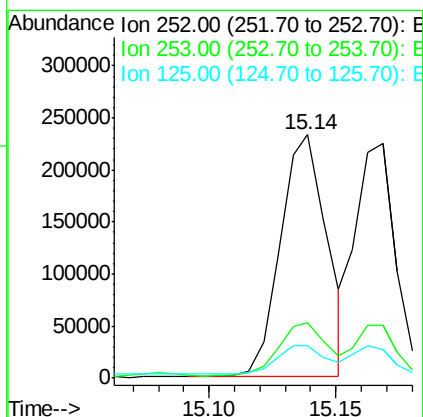
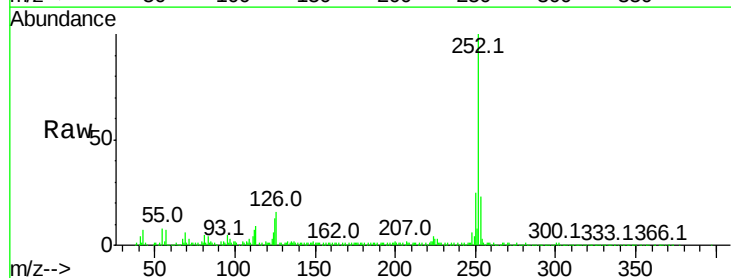
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3

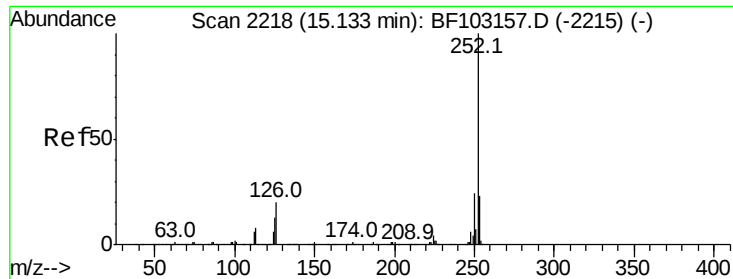


#87
Benzo(b)fluoranthene
Concen: 36.264 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:252 Resp: 296190

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	13.2	9.0	13.6

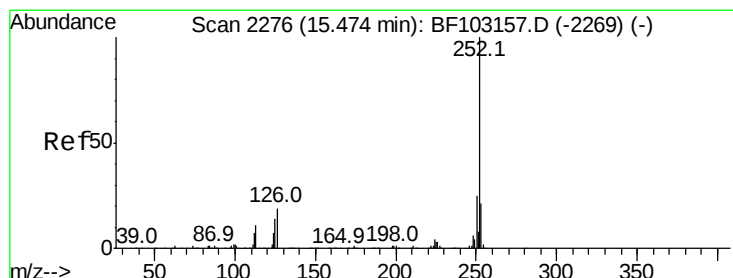
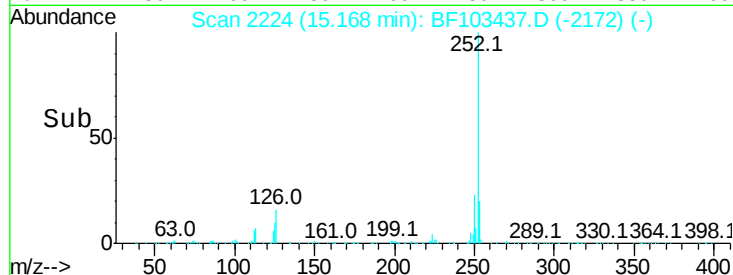
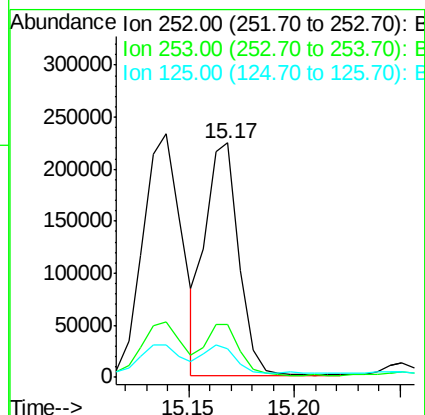
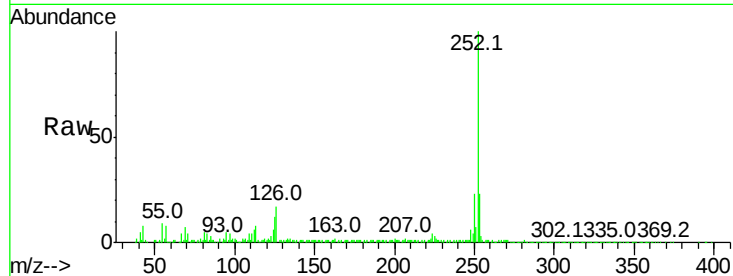




#88
Benzo(k)fluoranthene
Concen: 32.291 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

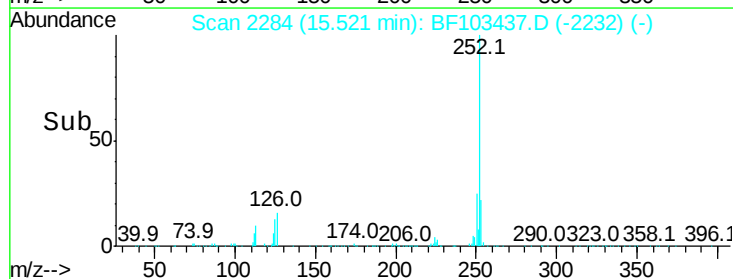
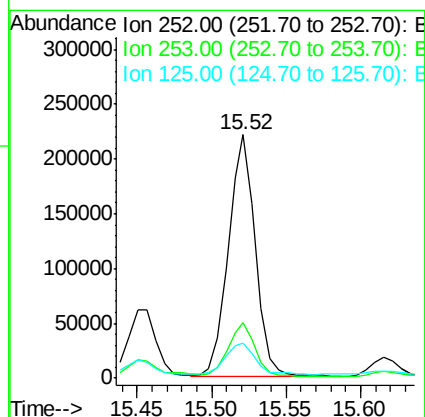
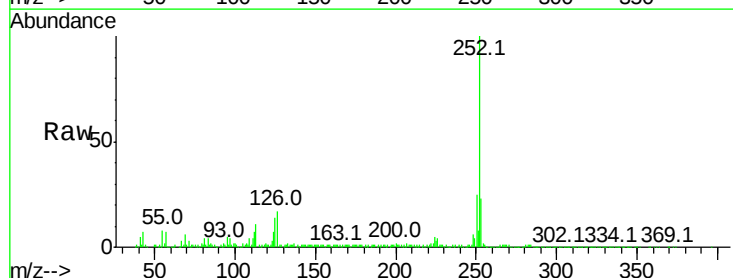
Instrument :
BNA_F
ClientSampleId :

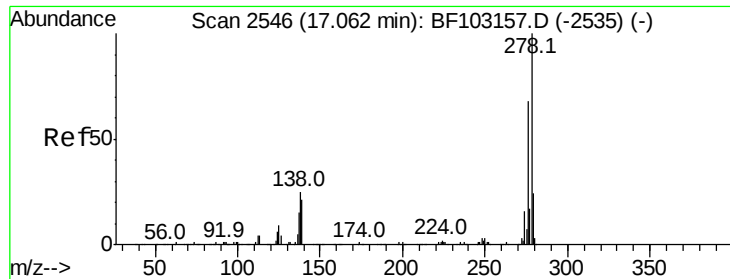
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 38.534 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 31.706 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

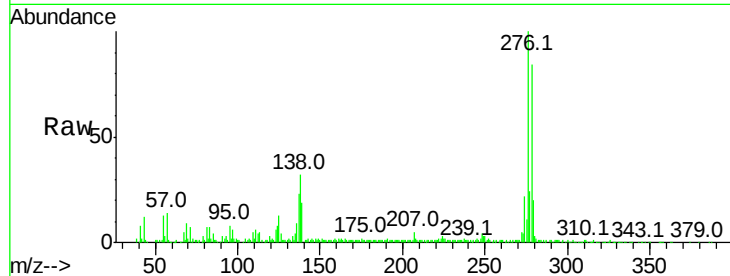
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 178693

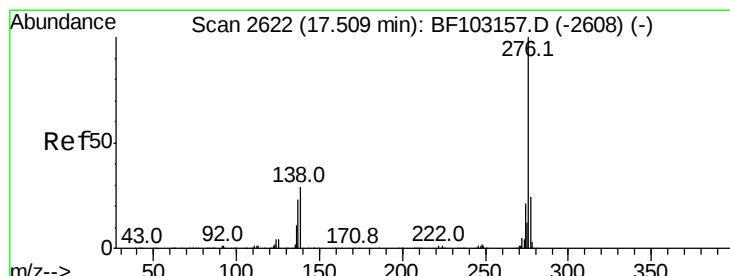
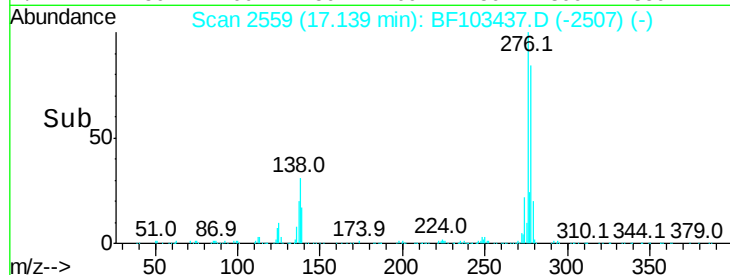
Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	24.3	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.189 ng

RT: 17.60 min Scan# 2638

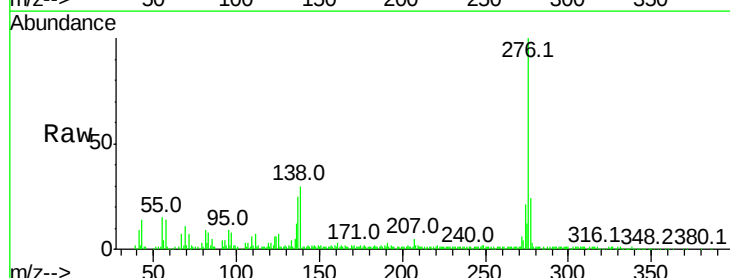
Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:276 Resp: 215861

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	29.8	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

