

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103639.D
 Acq On : 14 Mar 2018 14:38
 Operator : SJ/JU
 Sample : PB107325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:10:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121289	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	531496	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238099	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	403628	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219656	20.00	ng	0.00
86) Perylene-d12	15.57	264	218287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1005956	125.44	ng	0.00
7) Phenol-d6	6.50	99	1151708	117.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	769059	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	207198	102.81	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1137174	81.45	ng	0.00
78) Terphenyl-d14	12.98	244	911949	99.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	121072	28.584	ng	92
3) Pyridine	3.54	79	228192	20.180	ng	99
4) n-Nitrosodimethylamine	3.48	42	110855	24.308	ng	# 82
6) Aniline	6.53	93	264883	18.703	ng	# 56
8) 2-Chlorophenol	6.65	128	324373	38.936	ng	89
9) Benzaldehyde	6.43	77	113970	16.047	ng	97
10) Phenol	6.52	94	381001	33.445	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	283247	32.760	ng	95
12) 1,3-Dichlorobenzene	6.80	146	327470	34.397	ng	99
13) 1,4-Dichlorobenzene	6.87	146	364605	38.199	ng	97
14) 1,2-Dichlorobenzene	7.02	146	304754	34.626	ng	99
15) Benzyl Alcohol	7.02	79	253691	34.308	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	522891	35.218	ng	54
17) 2-Methylphenol	7.12	107	265314	35.044	ng	# 78
18) Hexachloroethane	7.36	117	124248	35.757	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	253390	41.490	ng	97
20) 3+4-Methylphenols	7.29	107	353421	38.295	ng	# 74
22) Acetophenone	7.27	105	476895	38.441	ng	# 93
24) Nitrobenzene	7.45	77	360871	35.218	ng	92
25) Isophorone	7.68	82	682542	37.237	ng	98
26) 2-Nitrophenol	7.76	139	176086	36.504	ng	94
27) 2,4-Dimethylphenol	7.80	122	293696	39.832	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	416748	38.671	ng	98
29) 2,4-Dichlorophenol	8.02	162	264257	37.434	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	257251	34.221	ng	99
31) Naphthalene	8.16	128	962499	36.989	ng	99
32) Benzoic acid	7.80	122	293696	52.870	ng	# 15
33) 4-Chloroaniline	8.24	127	160102	14.258	ng	96
34) Hexachlorobutadiene	8.26	225	125450	32.047	ng	97
35) Caprolactam	8.60	113	81882	33.003	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	303871	38.164	ng	95
37) 2-Methylnaphthalene	8.85	142	598270	35.576	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226690	34.826	ng	99
40) Hexachlorocyclopentadiene	8.99	237	31461	21.072	ng	97

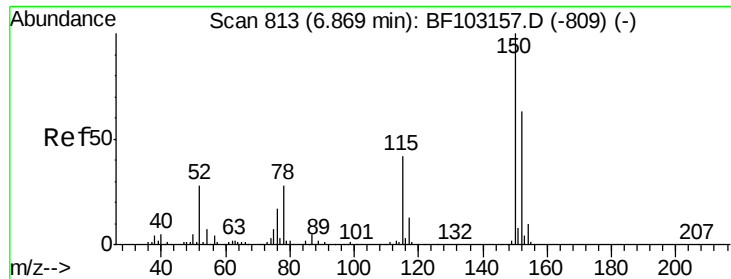
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103639.D
 Acq On : 14 Mar 2018 14:38
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145957	33.325	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	154813	30.732	nq	97
45) 1,1'-Biphenyl	9.32	154	699491	35.059	nq	98
46) 2-Chloronaphthalene	9.35	162	556168	35.235	nq	99
47) 2-Nitroaniline	9.46	65	222802	38.107	nq	88
48) Acenaphthylene	9.76	152	818806	33.715	nq	99
49) Dimethylphthalate	9.62	163	634154	33.201	nq	100
50) 2,6-Dinitrotoluene	9.69	165	137637	34.338	nq	# 77
51) Acenaphthene	9.93	154	477584	33.724	nq	99
52) 3-Nitroaniline	9.88	138	121297	23.852	nq	91
53) 2,4-Dinitrophenol	10.06	184	24704	24.632	nq	# 1
54) Dibenzofuran	10.10	168	715912	36.827	nq	92
55) 4-Nitrophenol	10.07	139	75524	23.962	nq	# 86
56) 2,4-Dinitrotoluene	10.12	165	174857	34.492	nq	# 87
57) Fluorene	10.45	166	565666	34.158	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	107455	31.754	nq	# 95
59) Diethylphthalate	10.31	149	643683	35.235	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	255625	36.400	nq	97
61) 4-Nitroaniline	10.50	138	156077	30.727	nq	98
62) Azobenzene	10.60	77	703774	37.848	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	26253	14.534	nq	# 67
65) n-Nitrosodiphenylamine	10.56	169	498275	35.455	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	144308	34.321	nq	98
67) Hexachlorobenzene	11.00	284	147621	32.347	nq	95
68) Atrazine	11.09	200	149711	35.442	nq	98
69) Pentachlorophenol	11.22	266	67375	30.533	nq	96
70) Phenanthrene	11.42	178	750606	33.791	nq	98
71) Anthracene	11.47	178	840532	36.901	nq	99
72) Carbazole	11.64	167	798059	35.183	nq	99
73) Di-n-butylphthalate	11.94	149	1016576	35.816	nq	99
74) Fluoranthene	12.62	202	728103	32.619	nq	99
76) Benzidine	12.75	184	335525	40.858	nq	97
77) Pyrene	12.85	202	705164	41.176	nq	99
79) Butylbenzylphthalate	13.45	149	387642	42.842	nq	96
80) Benzo(a)anthracene	14.04	228	492370	34.547	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	124875	24.551	nq	96
82) Chrysene	14.09	228	495709	35.821	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	490901	40.204	nq	99
84) Di-n-octyl phthalate	14.62	149	756472	38.345	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	501450	45.771	nq	98
87) Benzo(b)fluoranthene	15.15	252	468816	32.665	nq	98
88) Benzo(k)fluoranthene	15.15	252	468816	34.689	nq	98
89) Benzo(a)pyrene	15.51	252	446490	34.837	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	425119	42.926	nq	98
91) Benzo(g,h,i)perylene	17.59	276	429226	44.346	nq	97

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

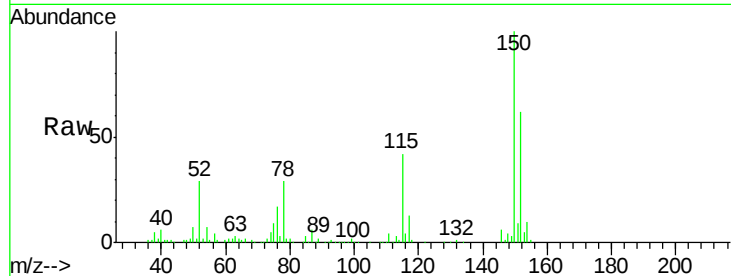


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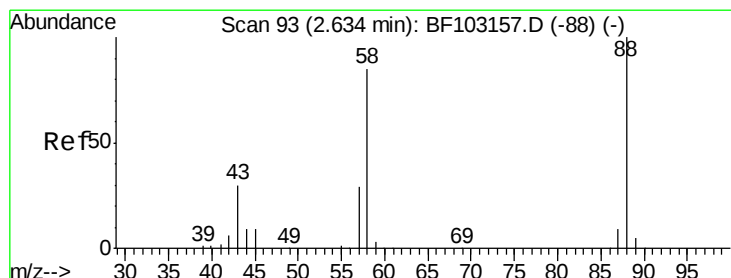
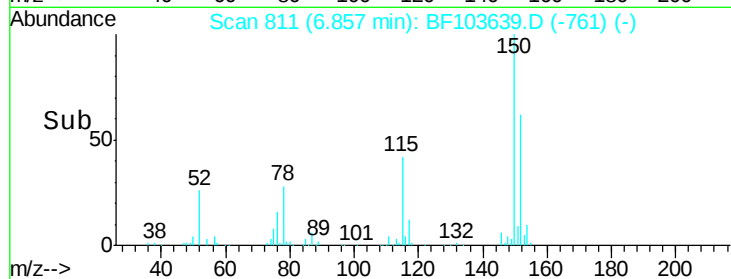
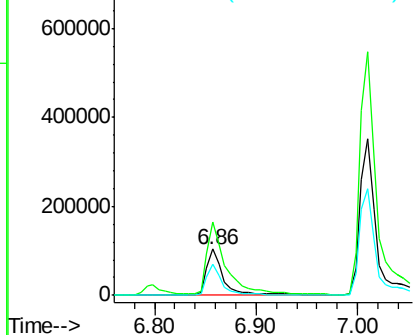
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121289
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 66.9 50.1 75.1



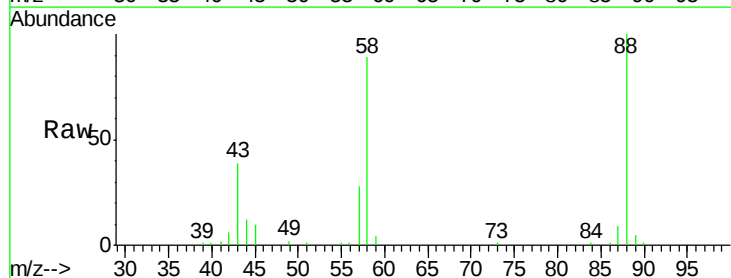
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



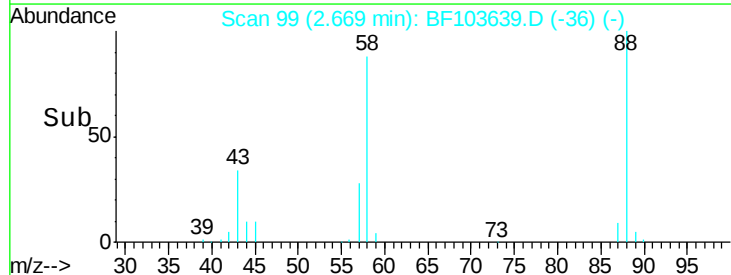
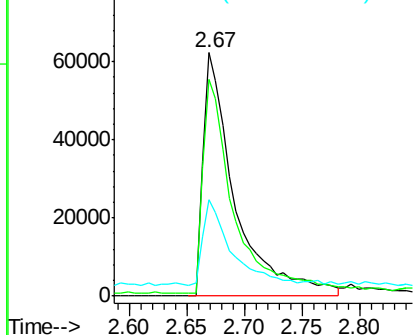
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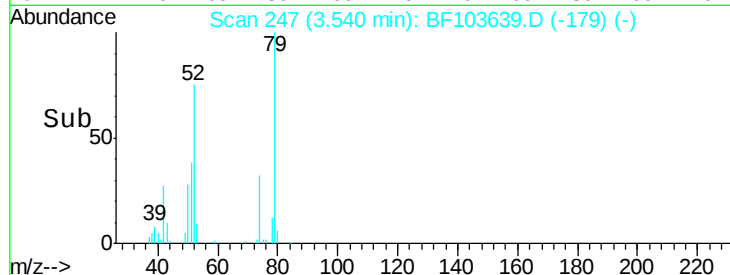
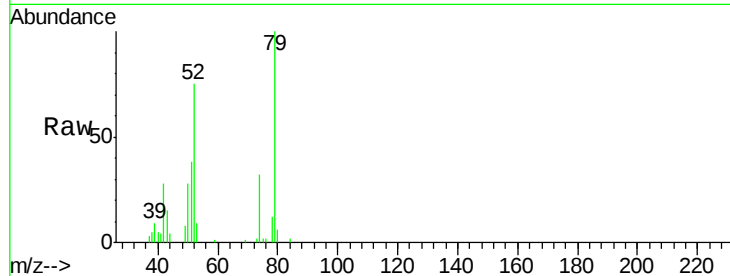
1,4-Dioxane
Concen: 28.584 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.07 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion: 88 Resp: 121072
Ion Ratio Lower Upper
88 100
58 87.0 62.6 93.8
43 31.7 24.6 37.0



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

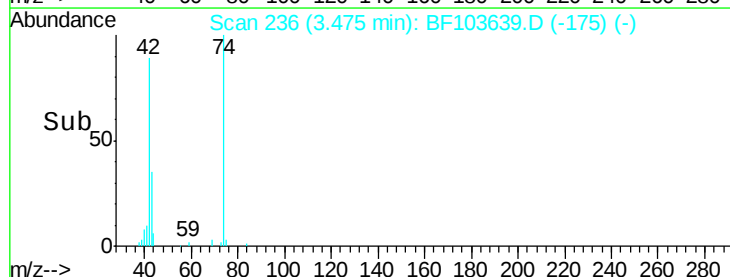
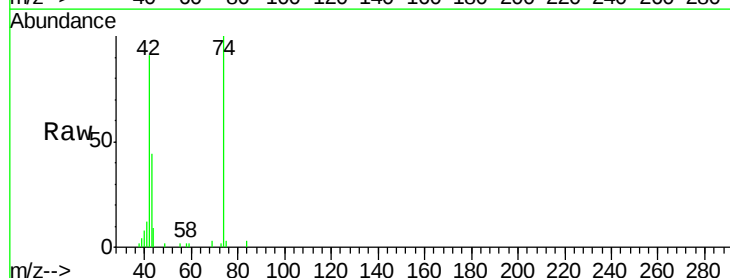
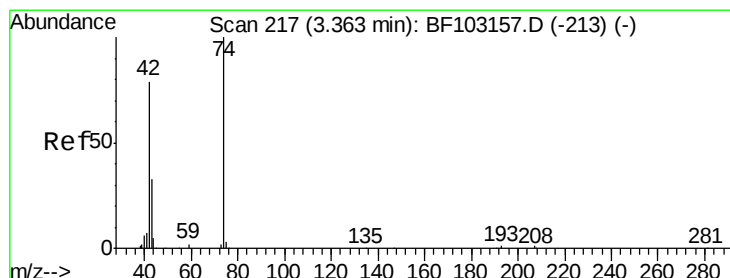
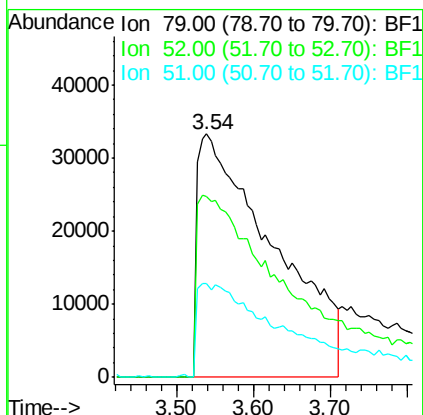




#3
 Pvridine
 Concen: 20.180 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.10 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

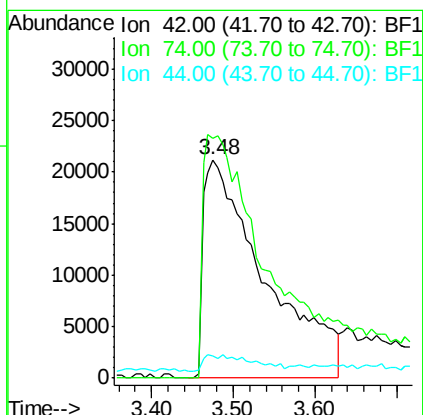
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	74.5	59.8	89.6
51	51	38.4	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 24.308 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	109.5	104.9	157.3
44	44	10.4	6.9	10.3





#5

2-Fluorophenol

Concen: 125.439 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

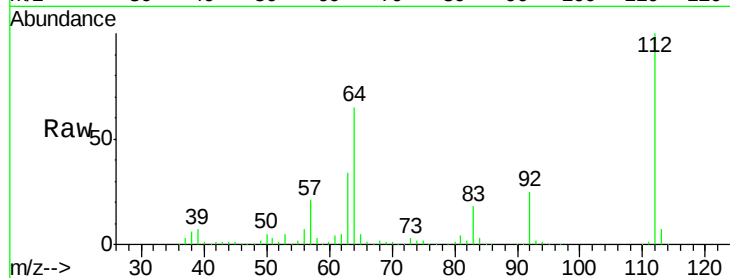
Tot Ion:112 Resp: 1005956

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

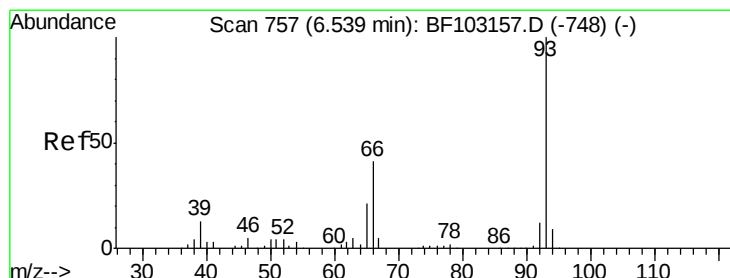
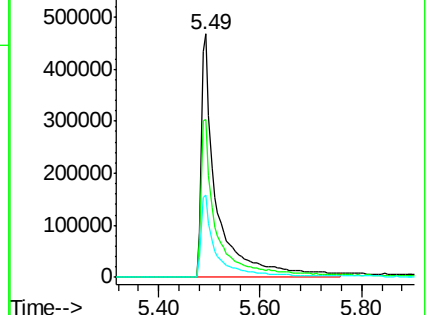
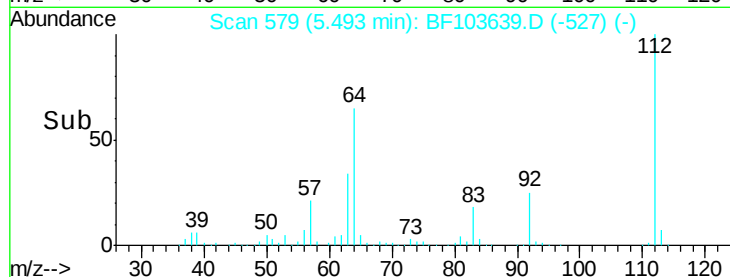
63 34.1 23.7 35.5



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: 18.703 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

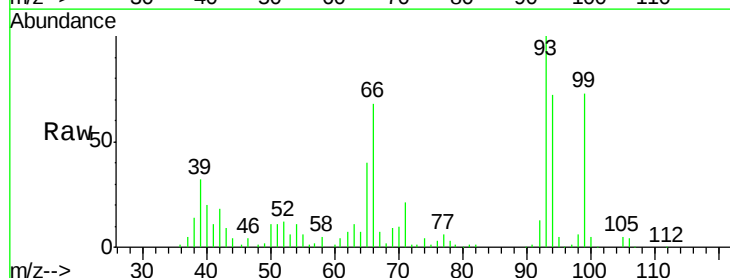
Tgt Ion: 93 Resp: 264883

Ion Ratio Lower Upper

93 100

66 68.2 32.2 48.2#

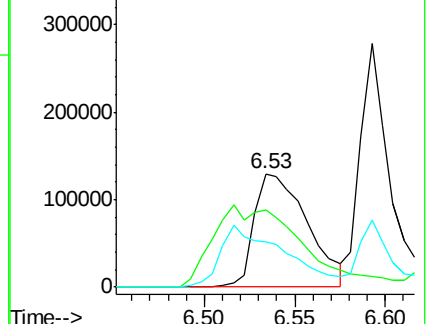
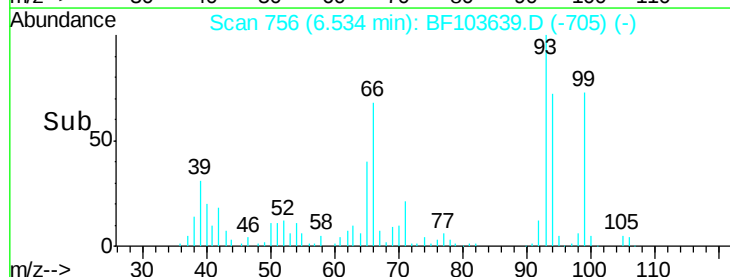
65 40.4 16.4 24.6#

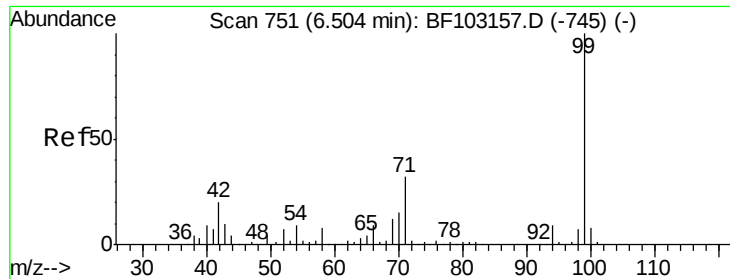


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.365 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

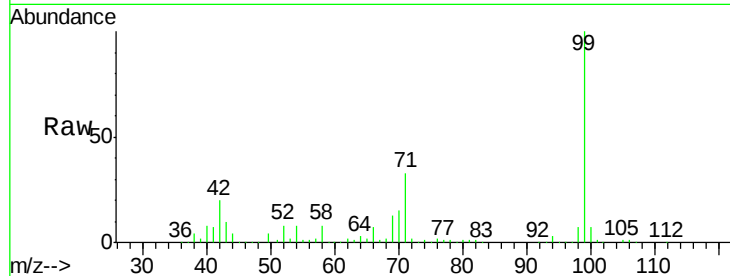
Tot Ion: 99 Resp: 1151708

Ion Ratio Lower Upper

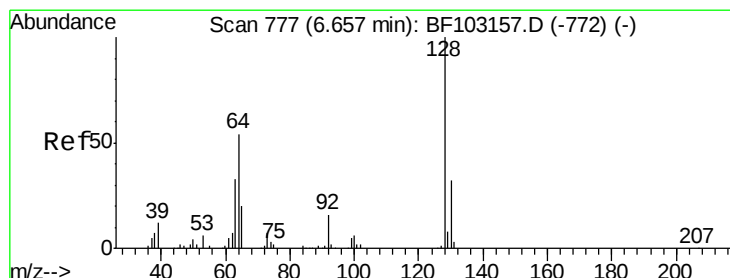
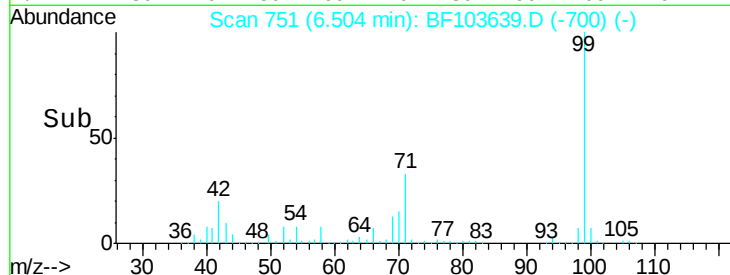
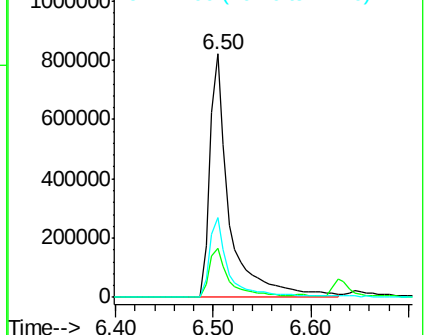
99 100

42 20.1 14.5 21.7

71 32.7 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: 38.936 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

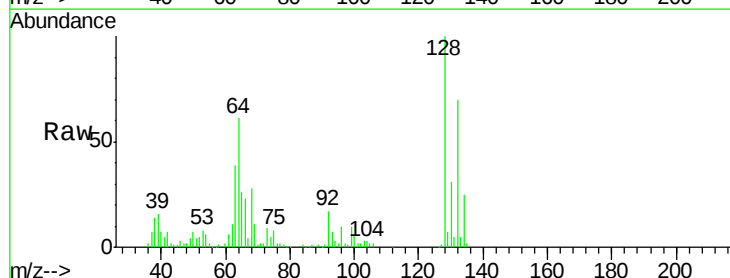
Tgt Ion:128 Resp: 324373

Ion Ratio Lower Upper

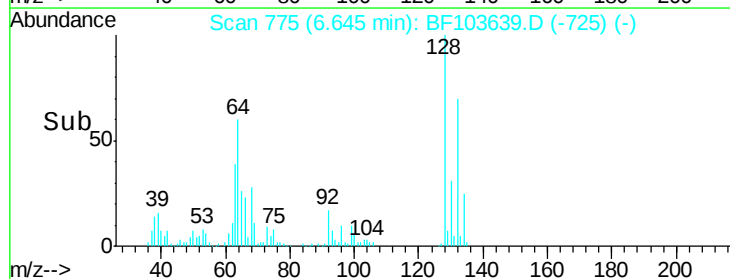
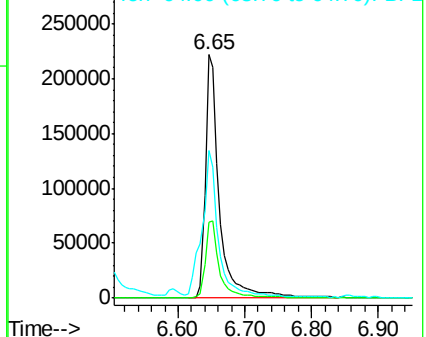
128 100

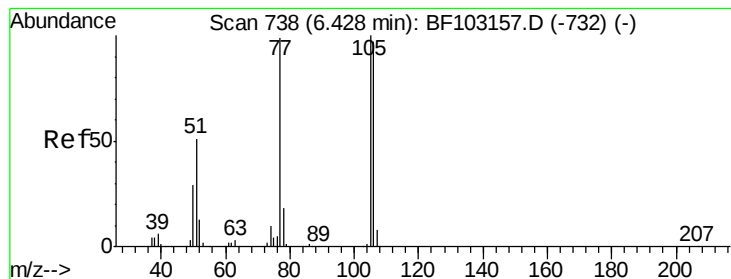
130 31.2 13.0 53.0

64 60.6 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: 16.047 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

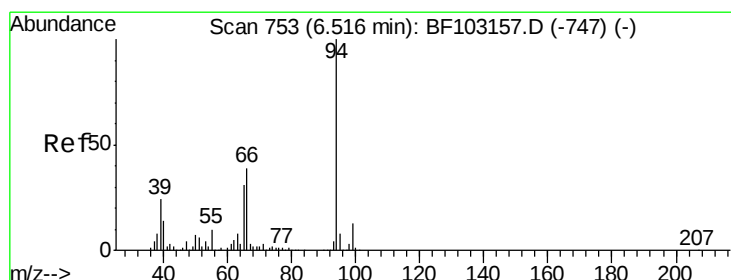
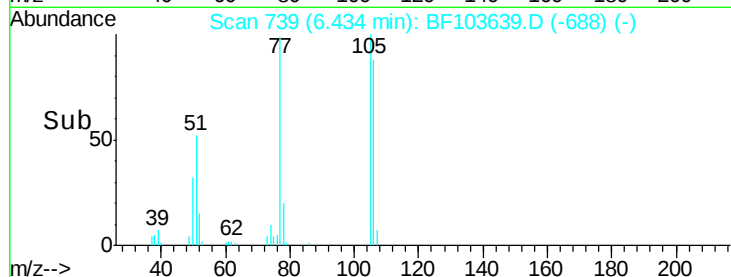
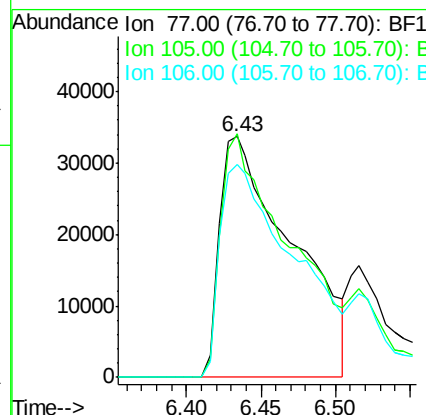
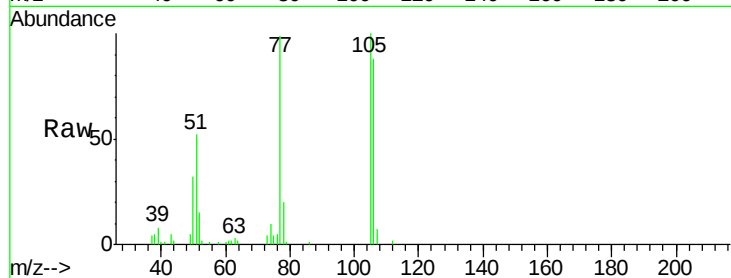
Tot Ion: 77 Resp: 113970

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

106 88.5 74.5 114.5



#10

Phenol

Concen: 33.445 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

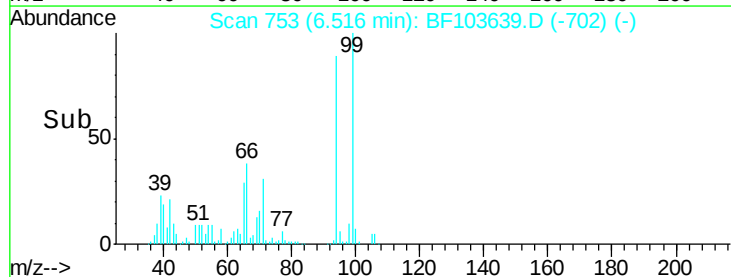
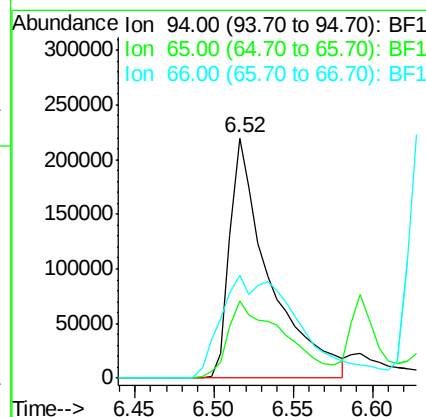
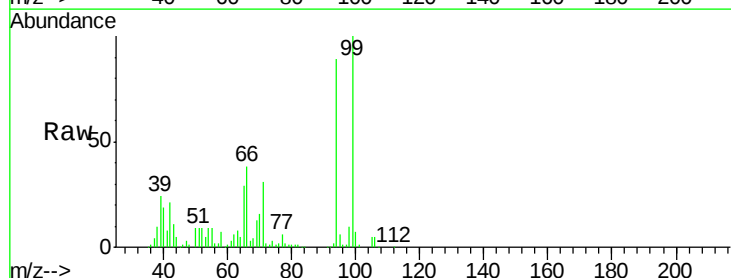
Tgt Ion: 94 Resp: 381001

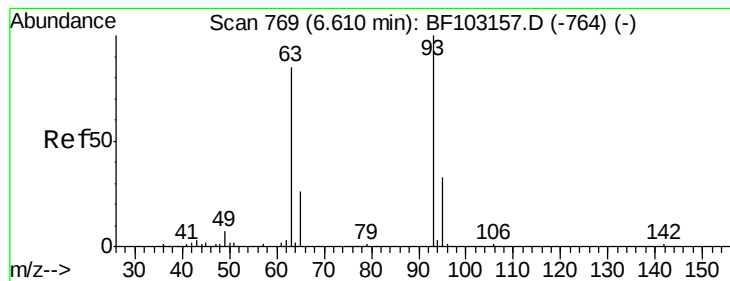
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 42.8 16.2 56.2



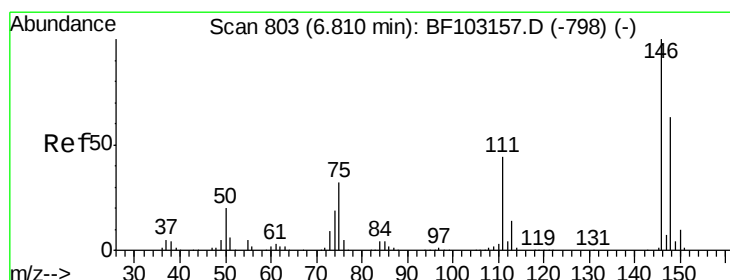
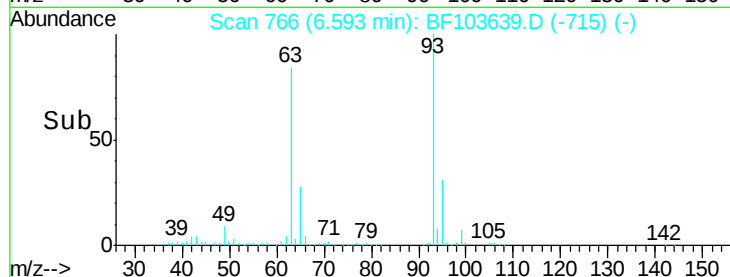
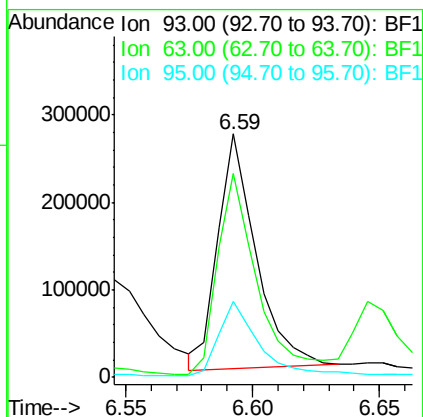
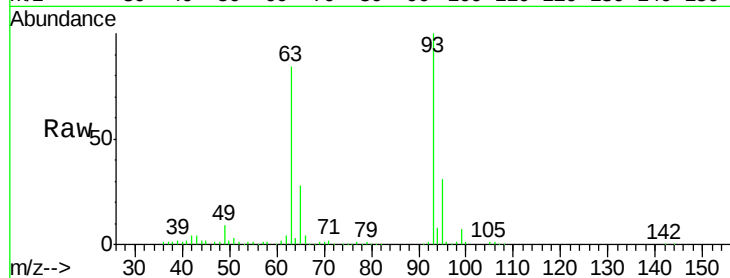


#11

bis(2-Chloroethyl)ether
Concen: 32.760 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

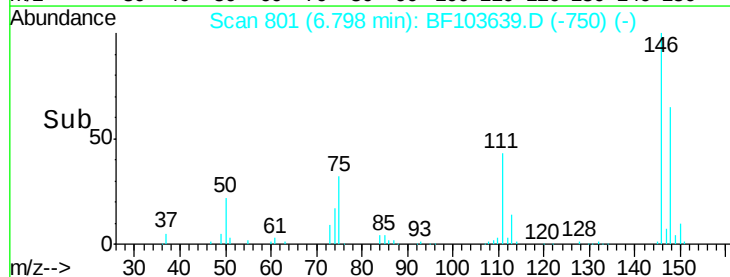
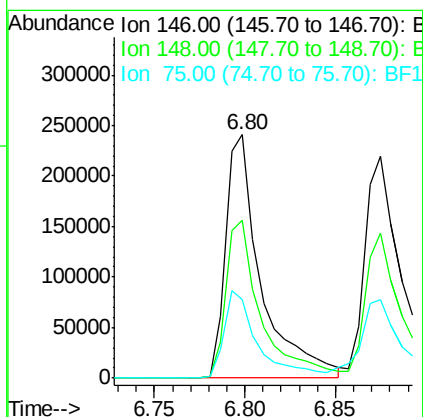
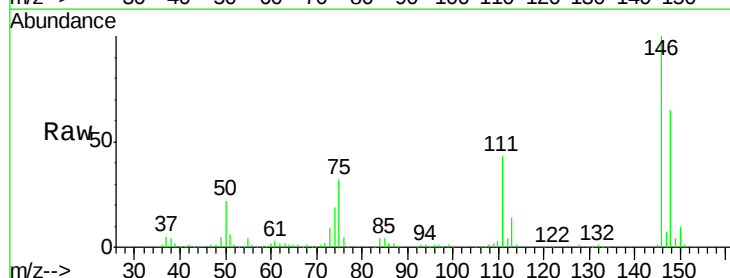
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.6	98.6
95	31.1	11.8	51.8



#12

1,3-Dichlorobenzene
Concen: 34.397 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	32.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.199 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

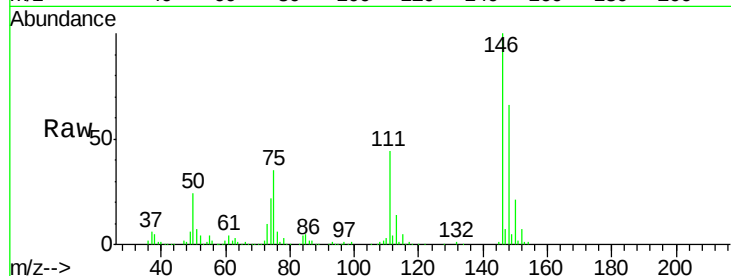
Tot Ion:146 Resp: 364605

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

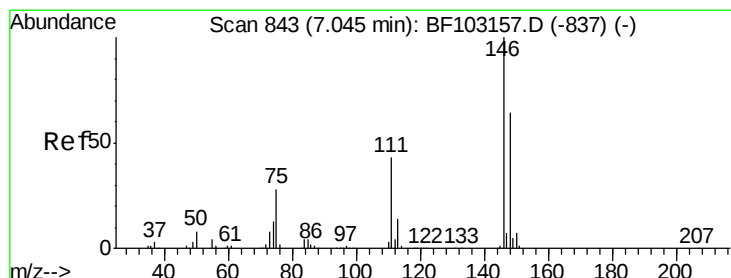
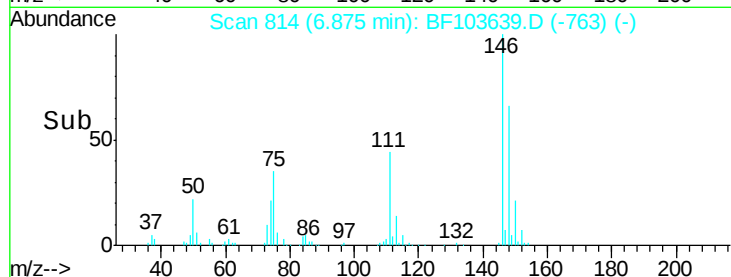
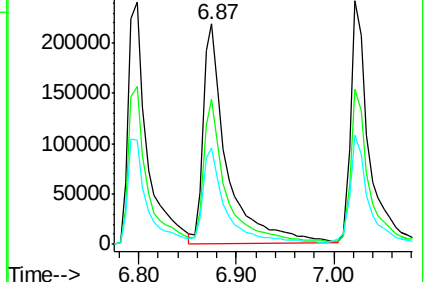
111 44.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.626 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

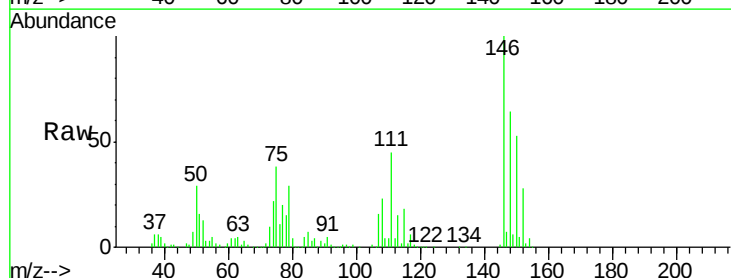
Tgt Ion:146 Resp: 304754

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

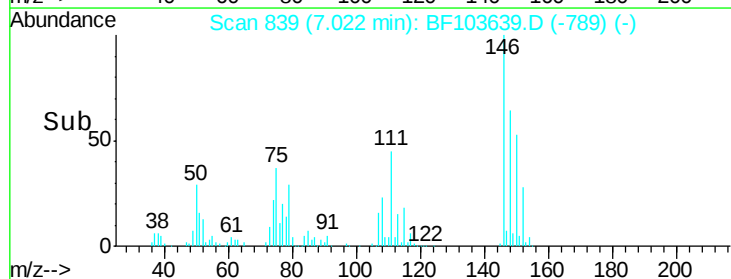
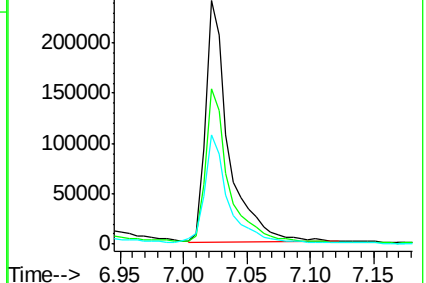
111 45.1 36.0 54.0



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: 34.308 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

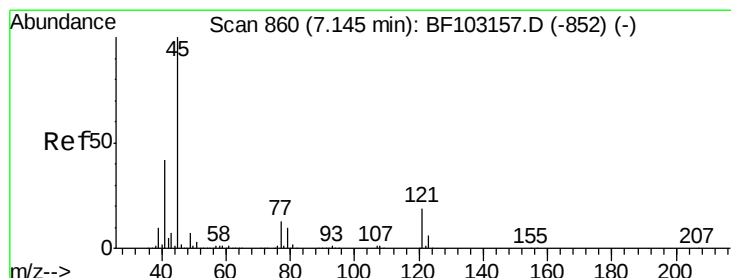
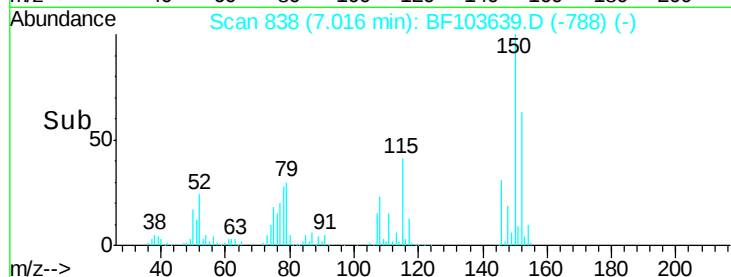
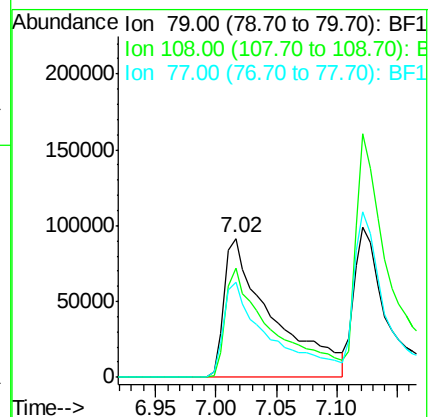
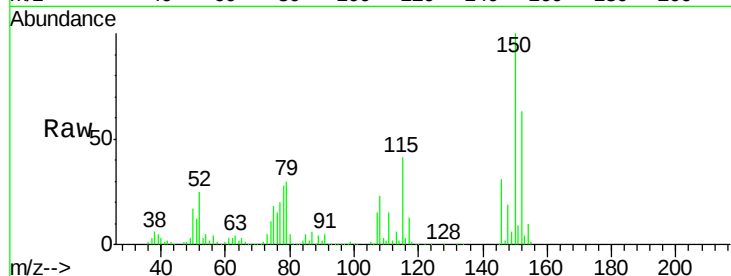
Tot Ion: 79 Resp: 253691

Ion Ratio Lower Upper

79 100

108 78.5 65.1 97.7

77 68.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.218 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

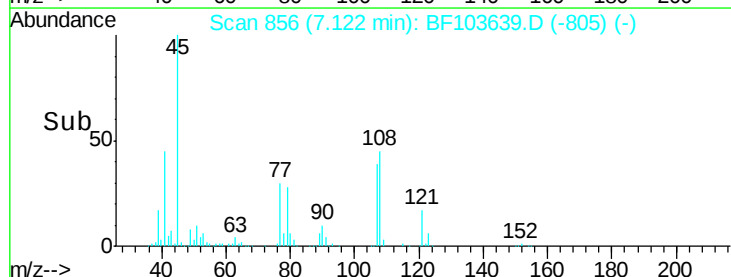
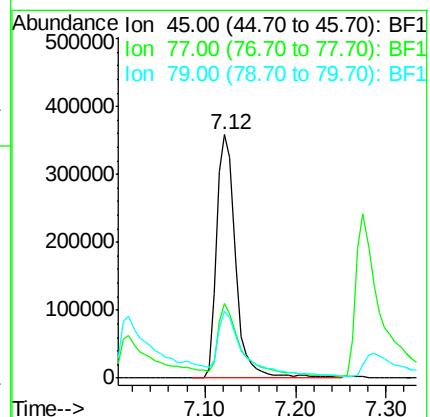
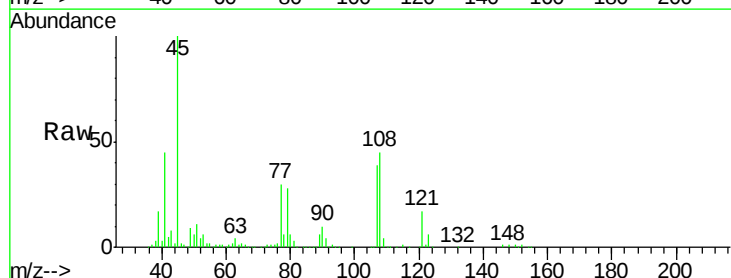
Tgt Ion: 45 Resp: 522891

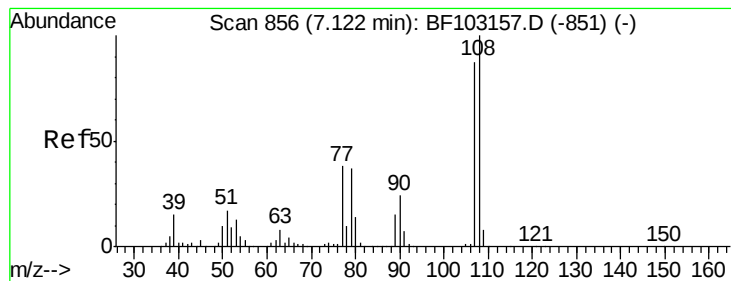
Ion Ratio Lower Upper

45 100

77 30.4 0.0 32.9

79 27.6 0.0 29.6

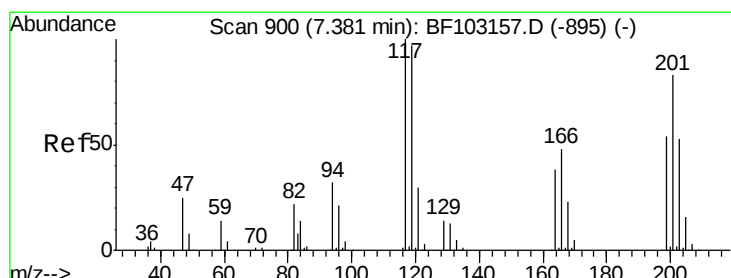
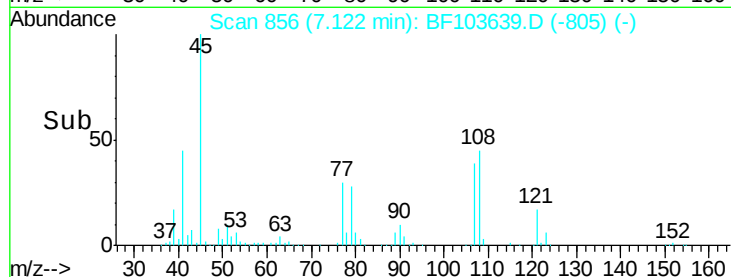
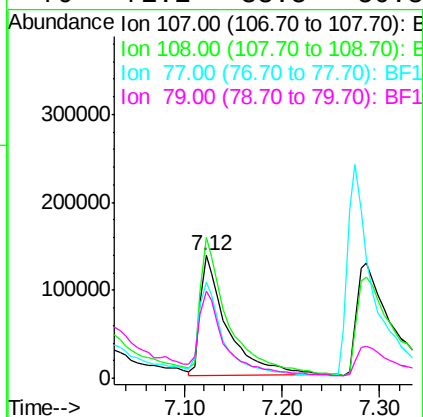
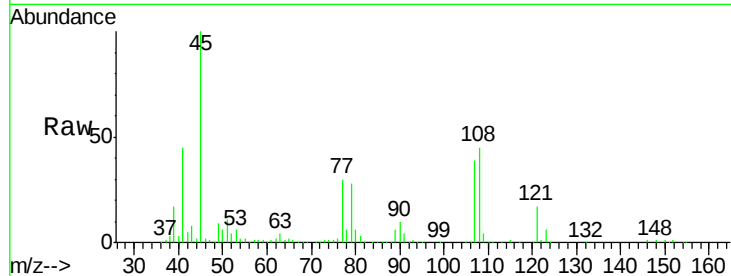




#17
2-Methylphenol
Concen: 35.044 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

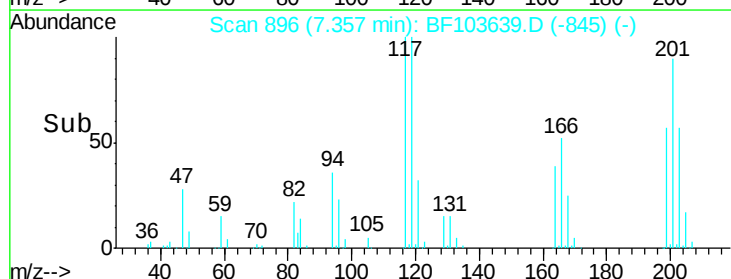
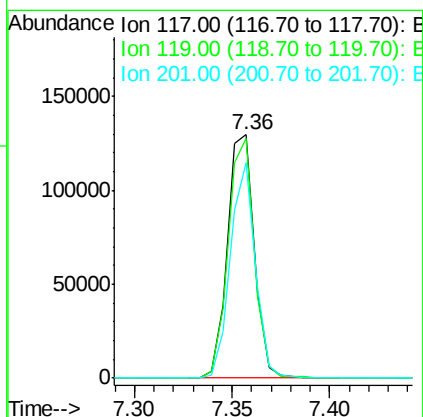
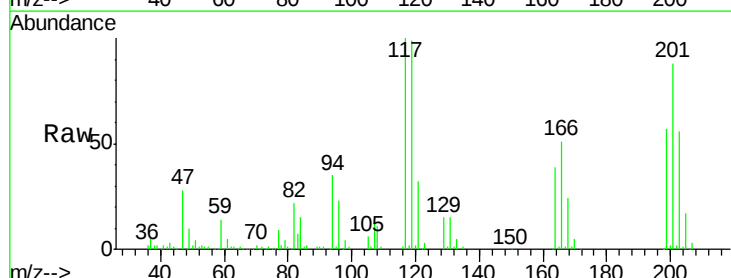
Instrument :
BNA_F
ClientSampled :

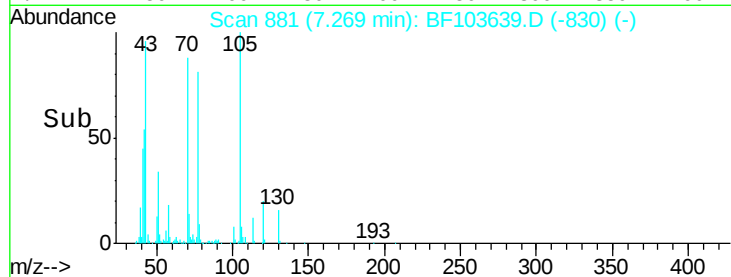
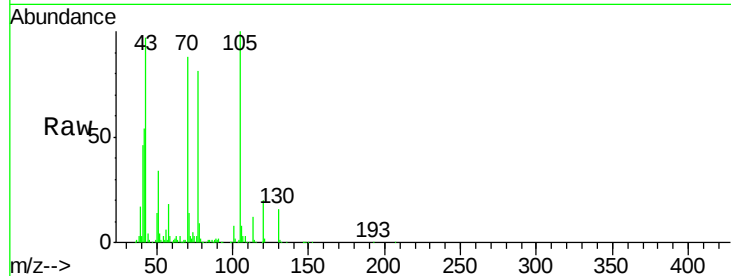
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	78.4	33.8	50.8#
79	71.1	33.8	50.8#



#18
Hexachloroethane
Concen: 35.757 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
201	88.3	75.7	113.5

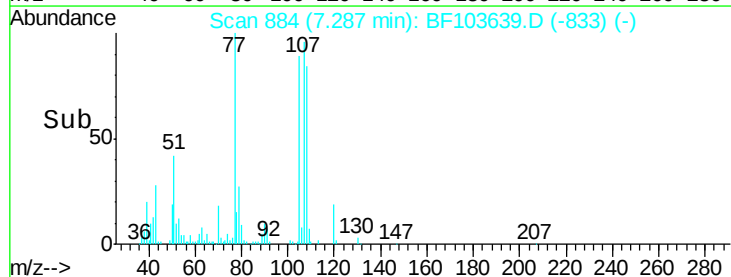
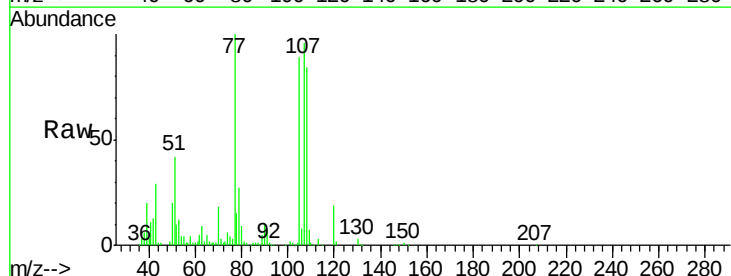
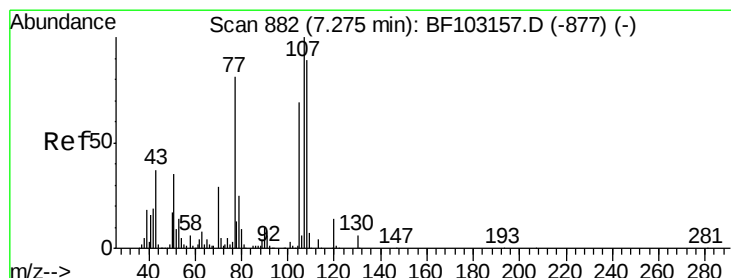
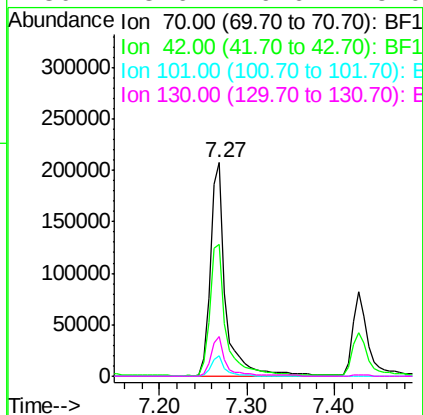




#19
n-Nitroso-di-n-propylamine
Concen: 41.490 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

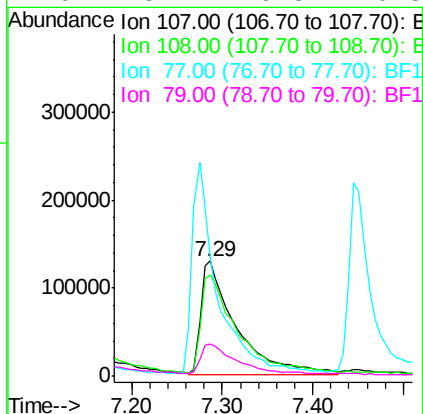
Instrument :
BNA_F
ClientSampleId :

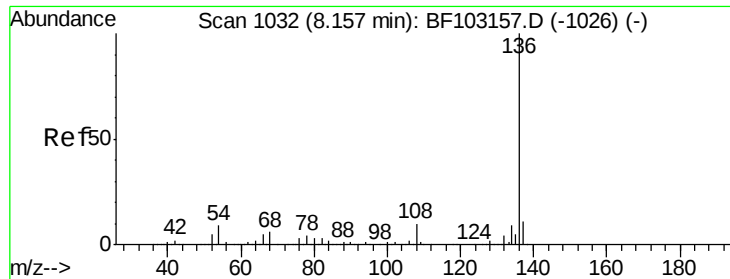
Tot Ion: 70 Resp: 253390
Ion Ratio Lower Upper
70 100
42 61.9 47.5 71.3
101 9.3 7.4 11.2
130 18.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.295 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion: 107 Resp: 353421
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 103.8 26.7 66.7#
79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 531496

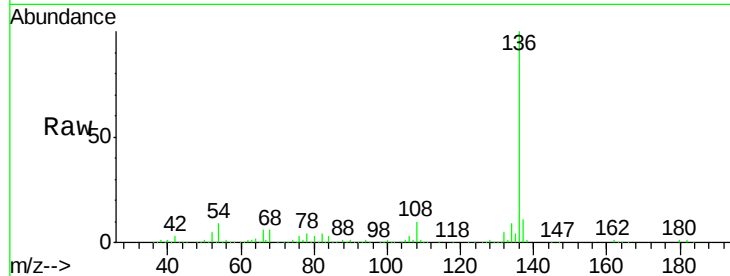
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.2 6.6 9.8

68 6.1 5.0 7.4

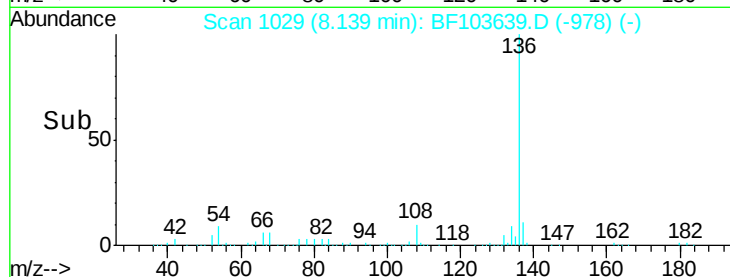


Abundance Ion 136.00 (135.70 to 136.70): E

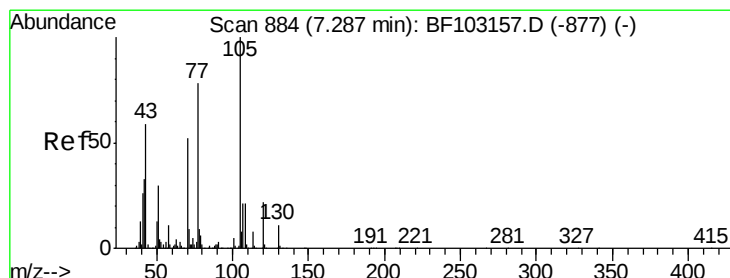
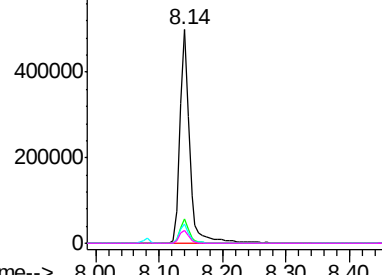
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.441 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:105 Resp: 476895

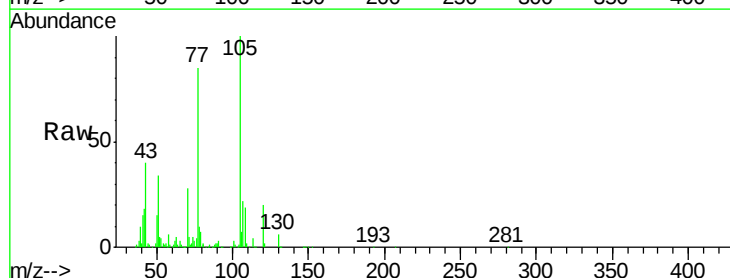
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 33.9 22.3 33.5#

120 20.3 16.9 25.3

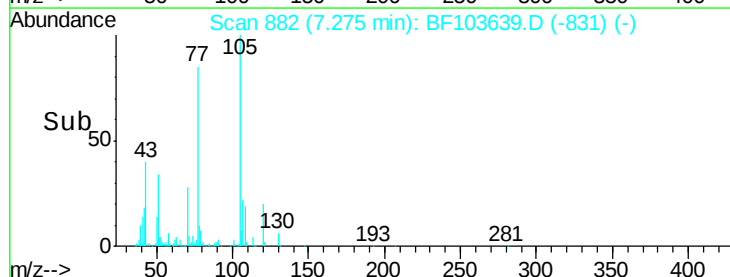


Abundance Ion 105.00 (104.70 to 105.70): E

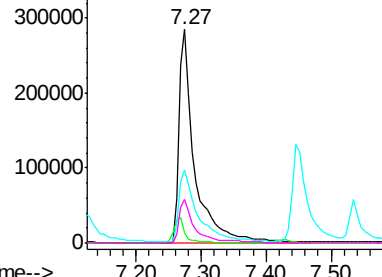
Ion 71.00 (70.70 to 71.70): BF1

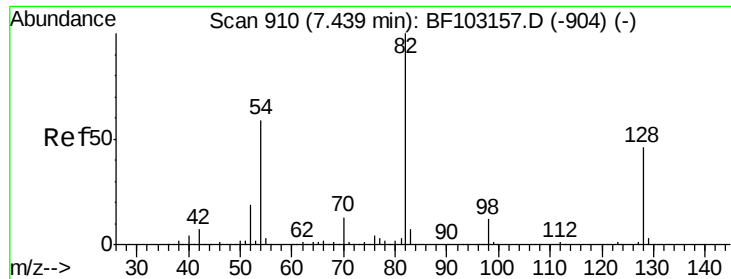
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

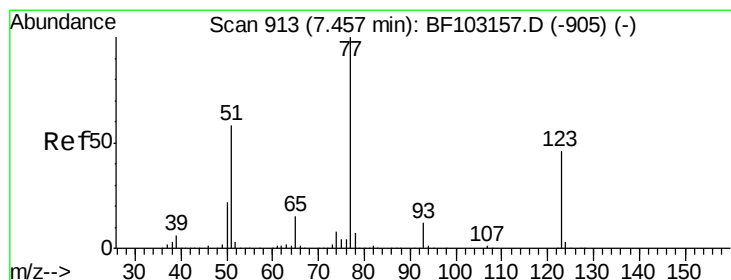
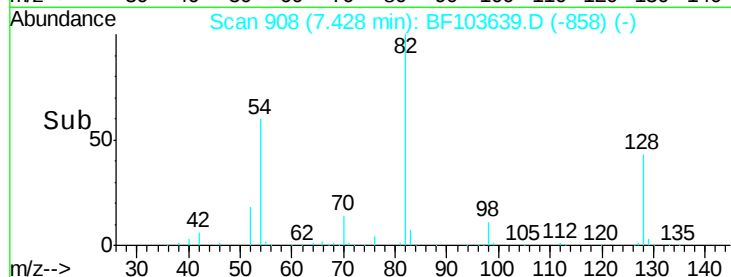
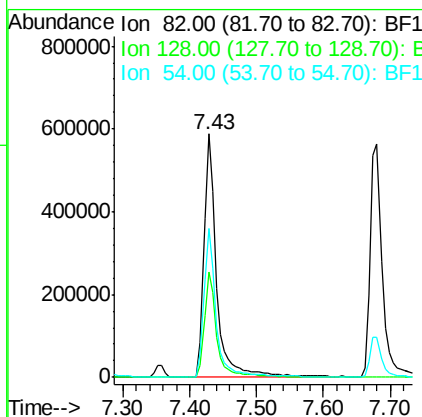
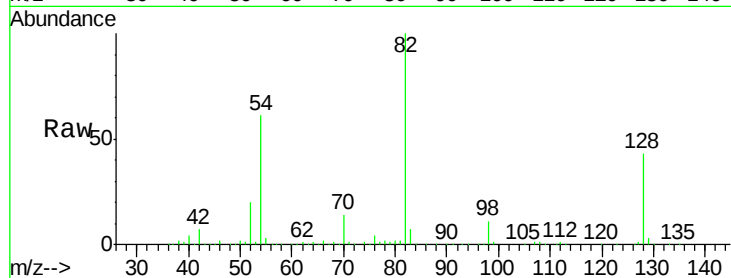




#23
 Nitrobenzene-d5
 Concen: 82.634 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

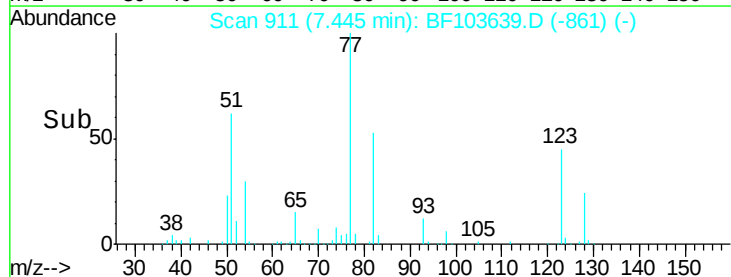
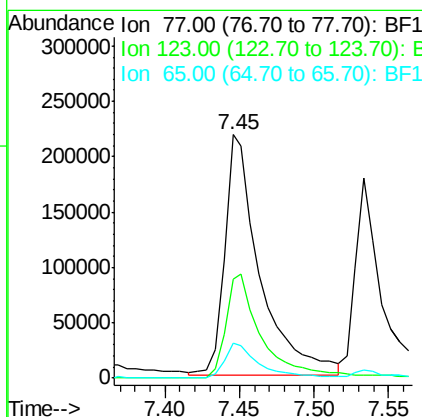
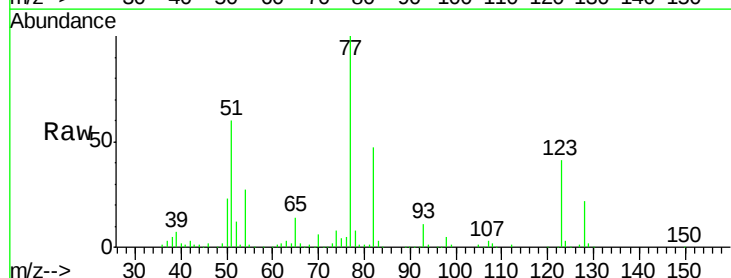
Instrument :
 BNA_F
 ClientSampled :

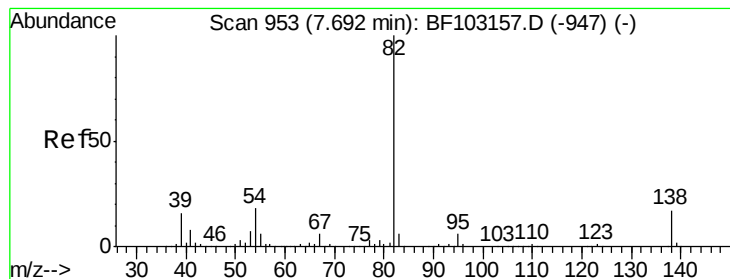
Tot Ion	82	Resp	769059
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	61.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 35.218 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	77	Resp	360871
Ion Ratio	Lower	Upper	
77	100		
123	40.9	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 37.237 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

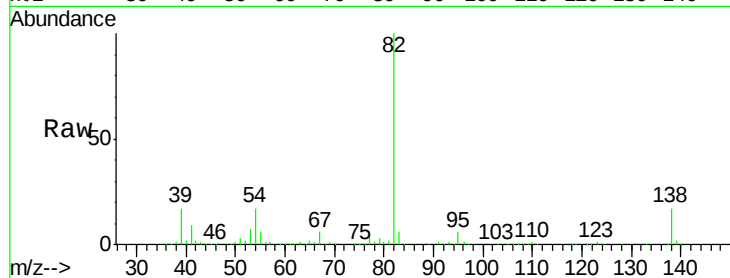
Tot Ion: 82 Resp: 682542

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

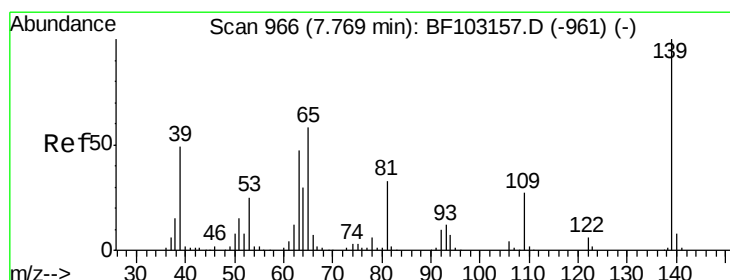
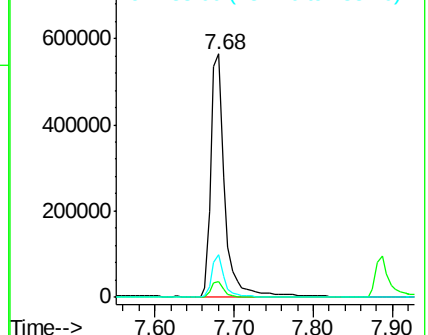
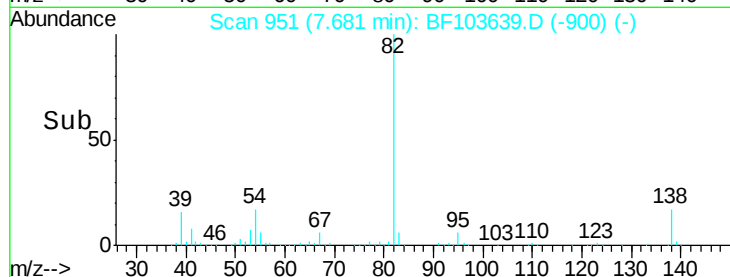
138 17.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.504 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

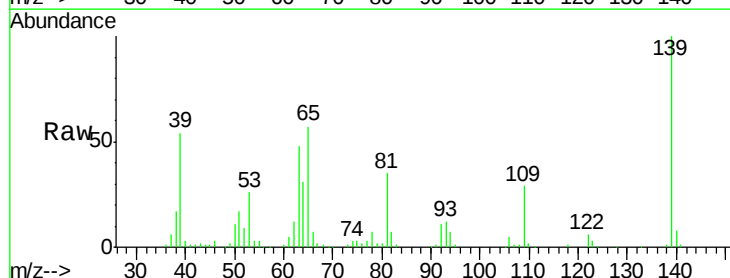
Tgt Ion: 139 Resp: 176086

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

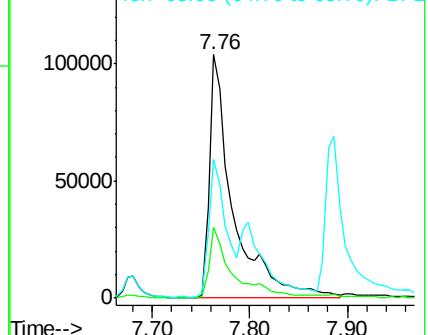
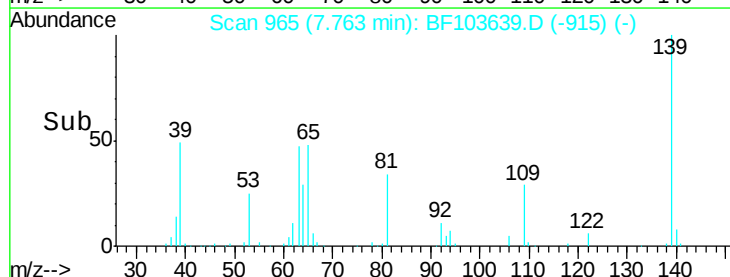
65 56.8 40.5 60.7

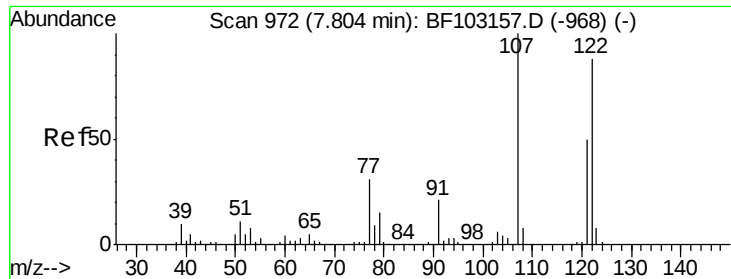


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

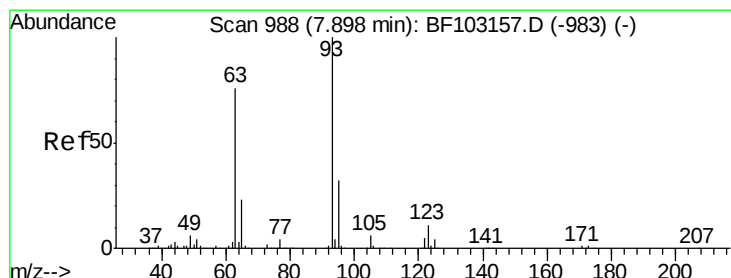
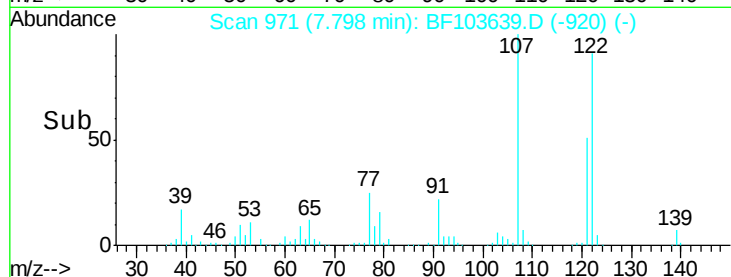
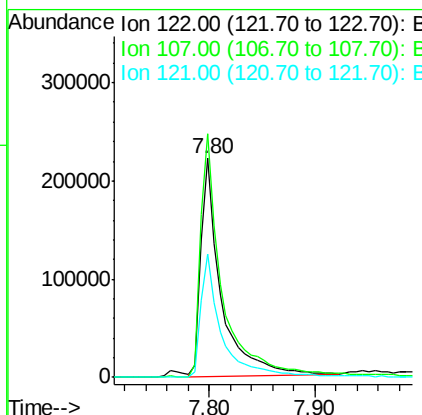
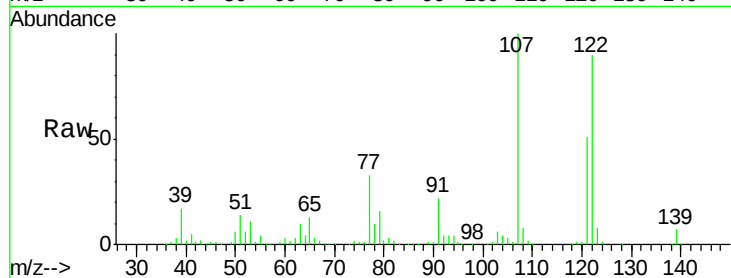




#27
 2,4-Dimethylphenol
 Concen: 39.832 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

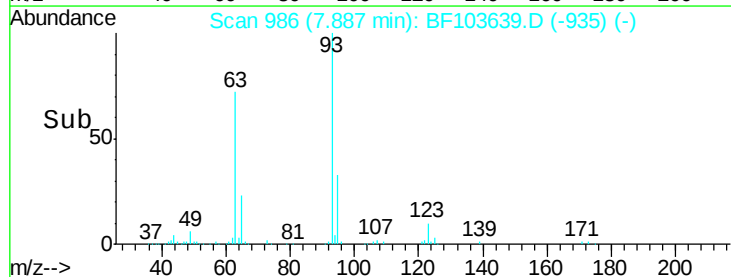
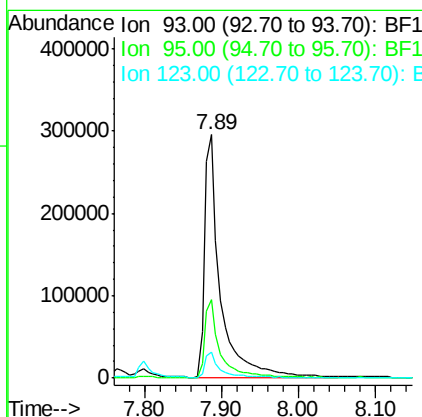
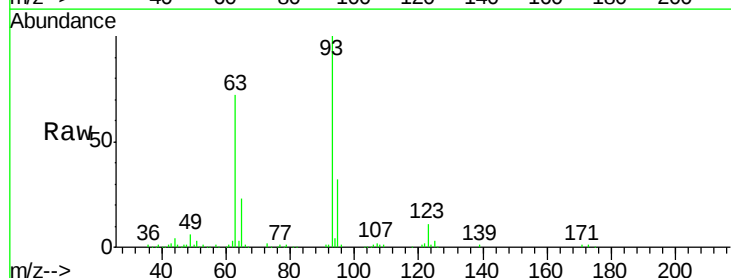
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 293696
 Ion Ratio Lower Upper
 122 100
 107 111.3 91.2 136.8
 121 56.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.671 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion: 93 Resp: 416748
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.5 9.8 14.6

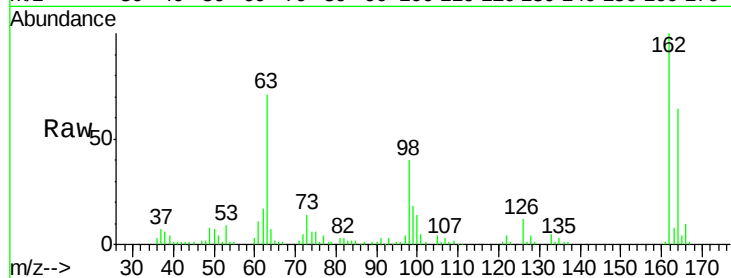




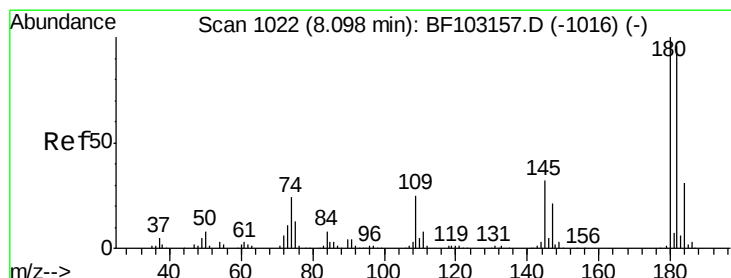
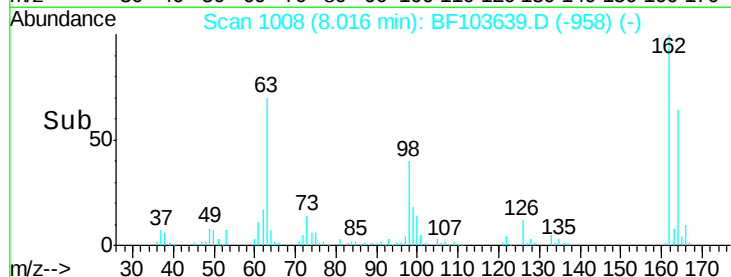
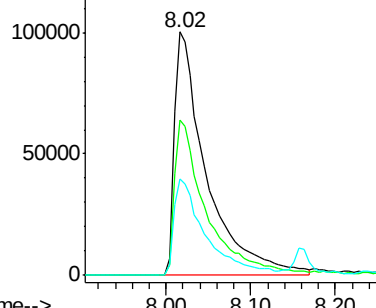
#29
 2,4-Dichlorophenol
 Concen: 37.434 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	39.5	18.1	58.1

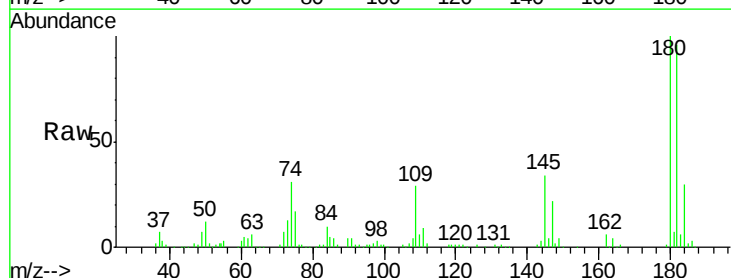


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

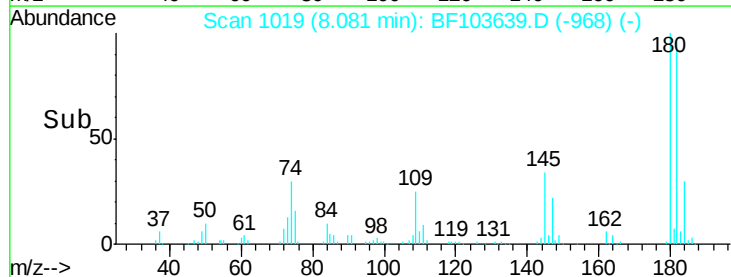
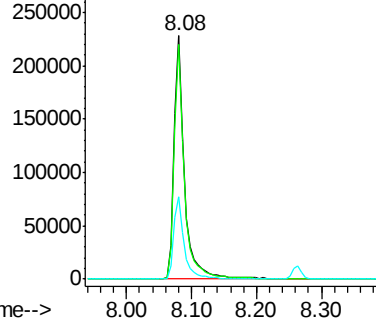


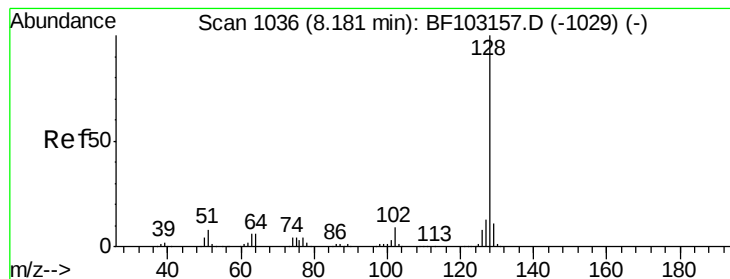
#30
 1,2,4-Trichlorobenzene
 Concen: 34.221 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	33.7	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: 36.989 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

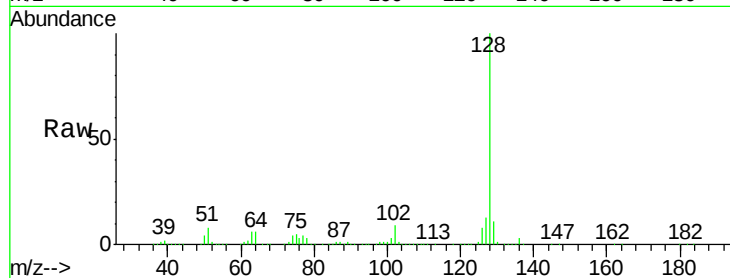
Tot Ion:128 Resp: 962499

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

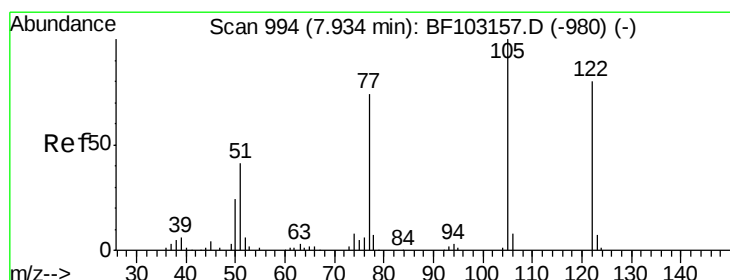
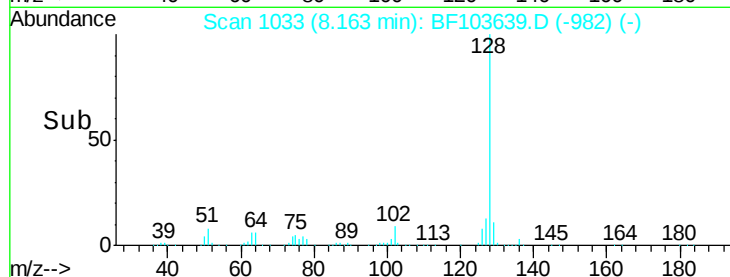
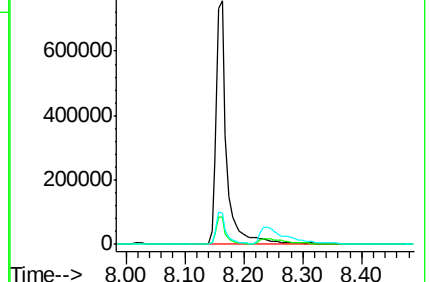
127 13.0 10.9 16.3



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: 52.870 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.17 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

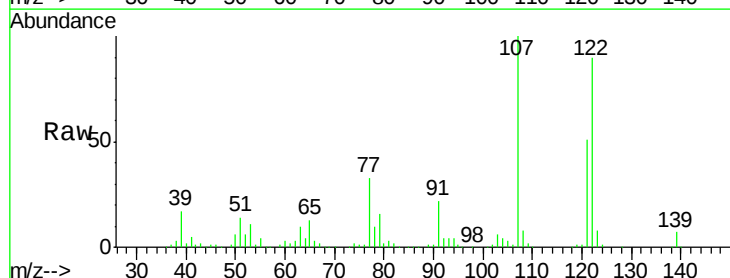
Tgt Ion:122 Resp: 293696

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

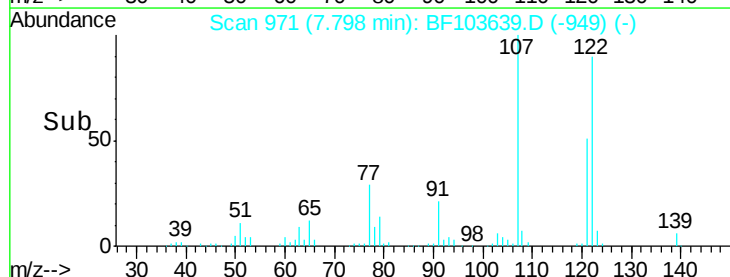
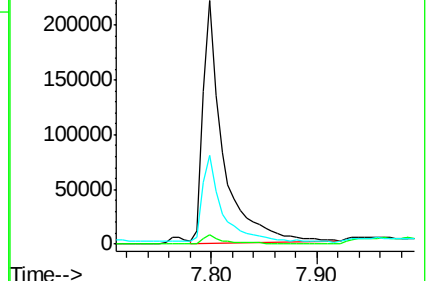
77 36.3 70.7 110.7#

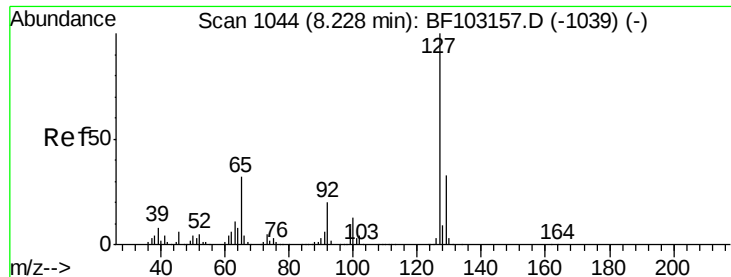


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

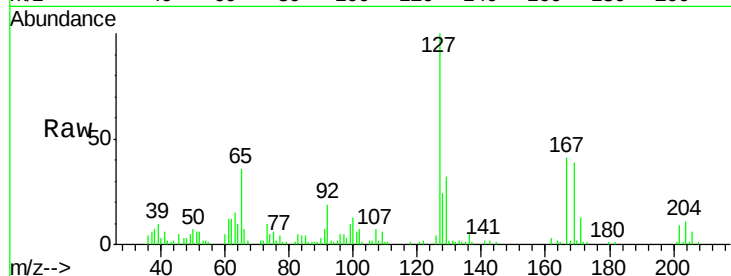




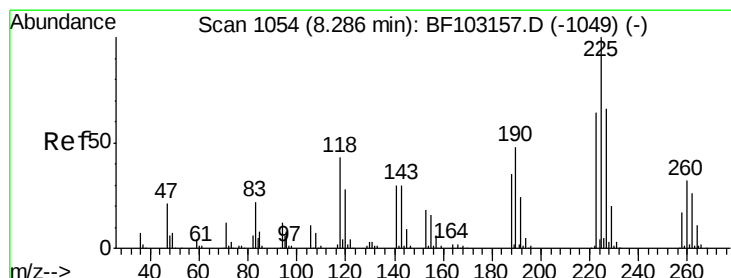
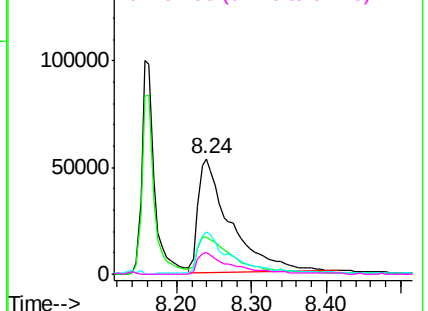
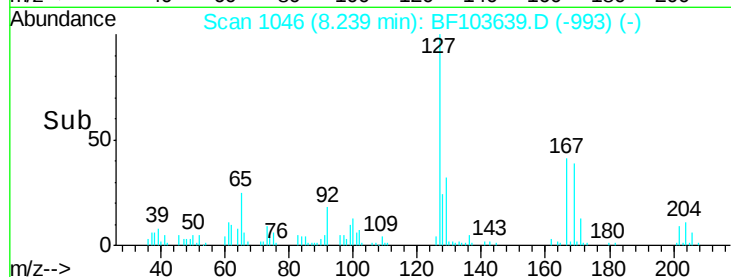
#33
4-Chloroaniline
Concen: 14.258 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	160102
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	36.3	25.0	37.4
92	18.7	15.2	22.8

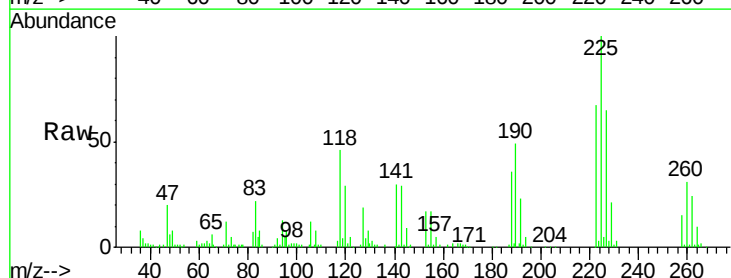


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

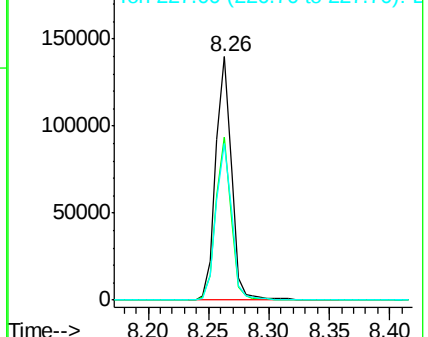
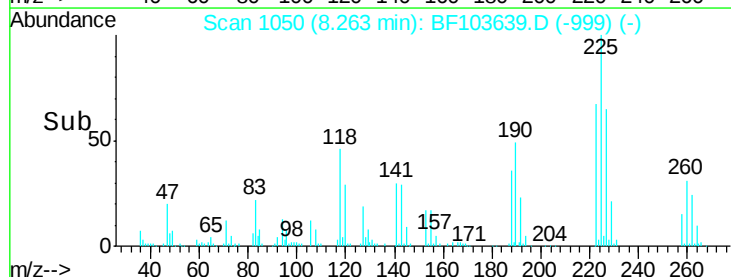


#34
Hexachlorobutadiene
Concen: 32.047 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:	225	Resp:	125450
Ion	Ratio	Lower	Upper
225	100		
223	66.9	50.6	76.0
227	64.5	51.9	77.9



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





#35

Caprolactam

Concen: 33.003 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

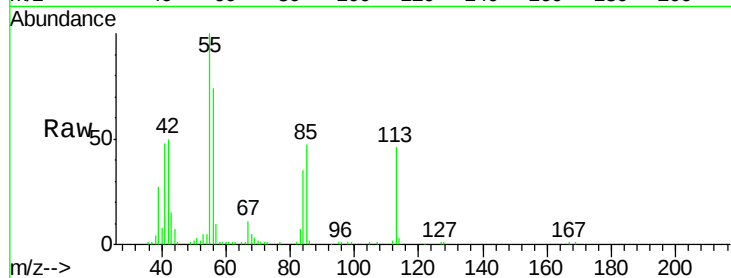
Tot Ion:113 Resp: 81882

Ion Ratio Lower Upper

113 100

55 217.4 163.3 203.3#

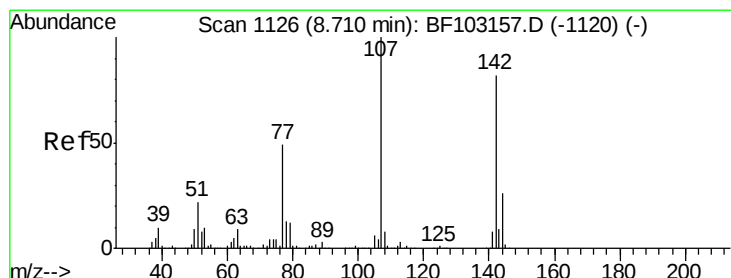
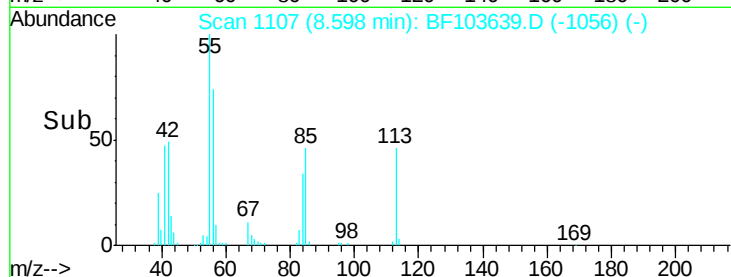
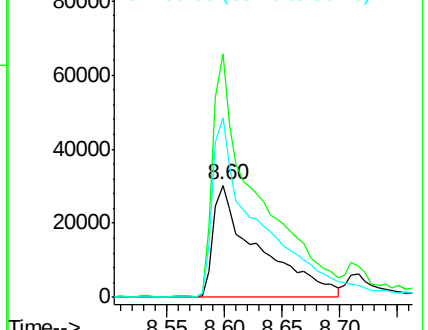
56 160.2 115.7 155.7#



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: 38.164 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

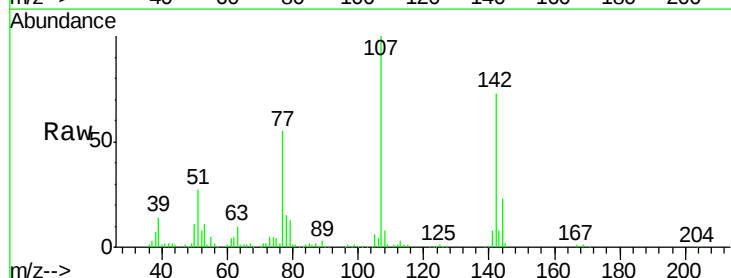
Tgt Ion:107 Resp: 303871

Ion Ratio Lower Upper

107 100

144 22.8 20.5 30.7

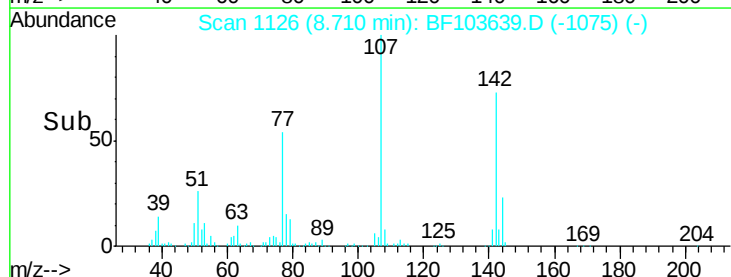
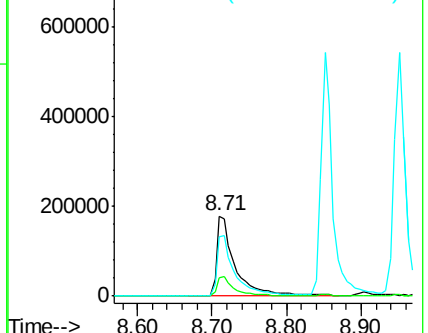
142 73.1 62.0 93.0

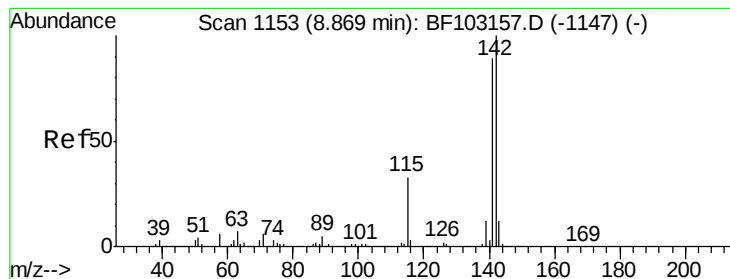


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.576 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

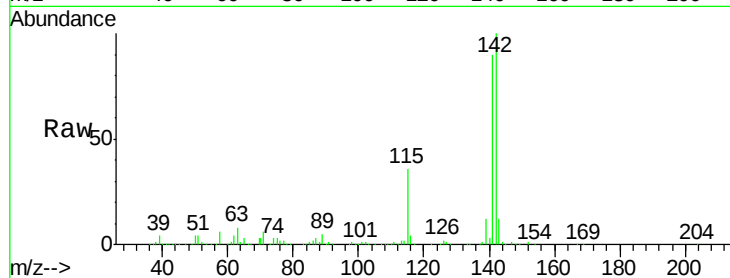
Tot Ion:142 Resp: 598270

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

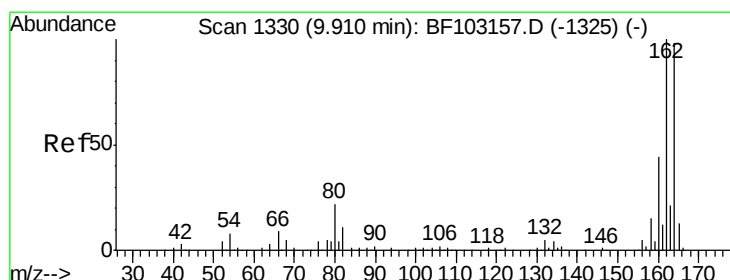
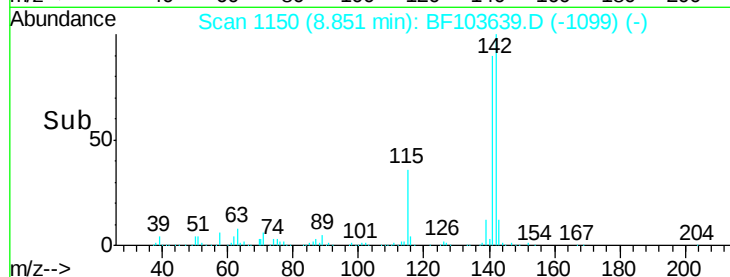
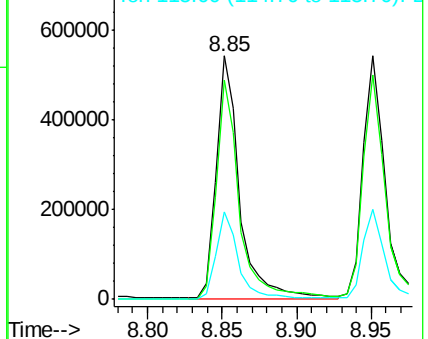
115 36.0 26.1 39.1



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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

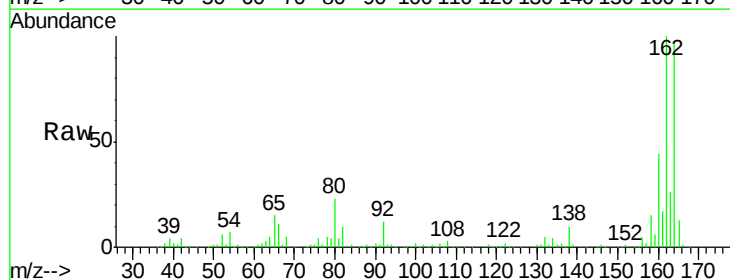
Tgt Ion:164 Resp: 238099

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

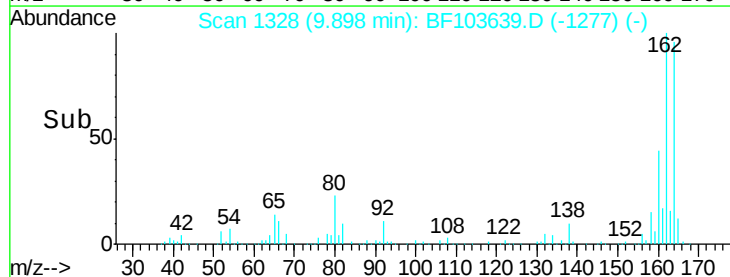
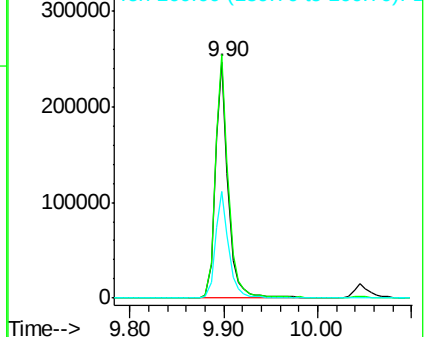
160 45.4 38.3 57.5



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

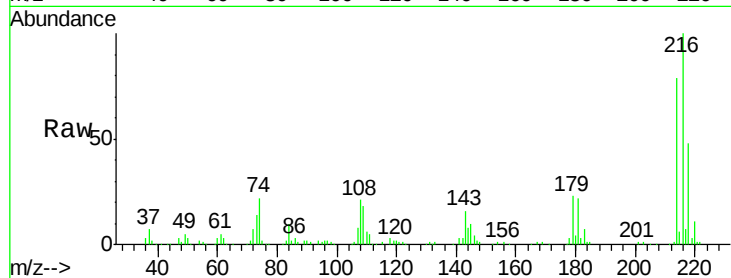




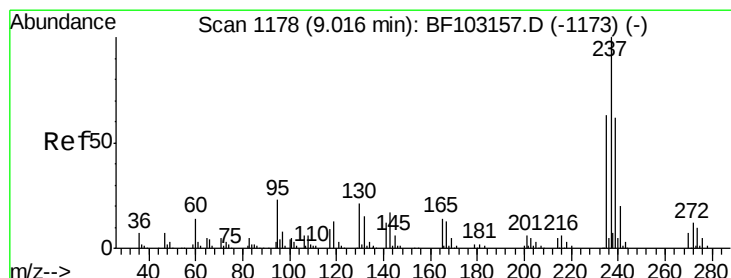
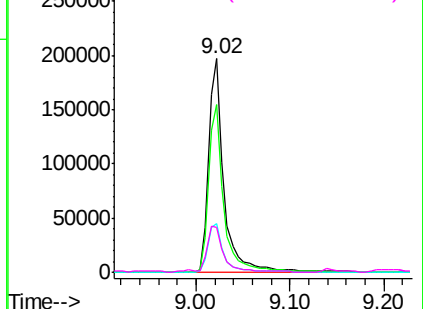
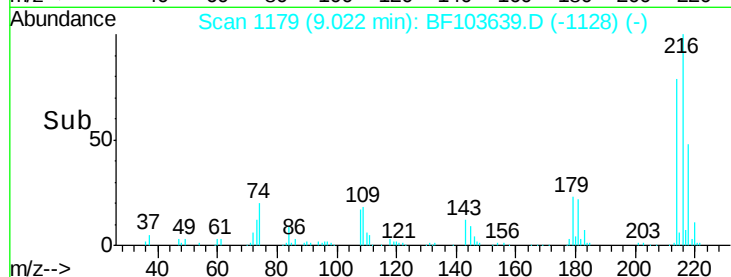
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.826 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 226690
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.4
 179 23.7 18.1 27.1
 108 23.0 17.2 25.8

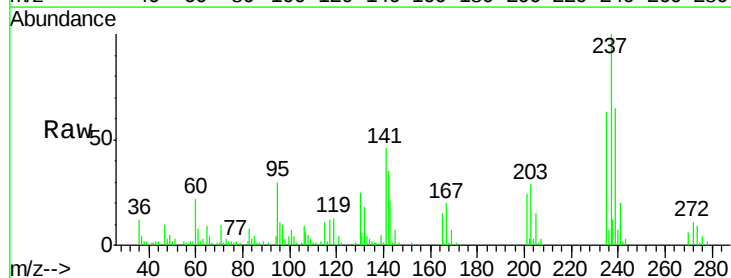


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

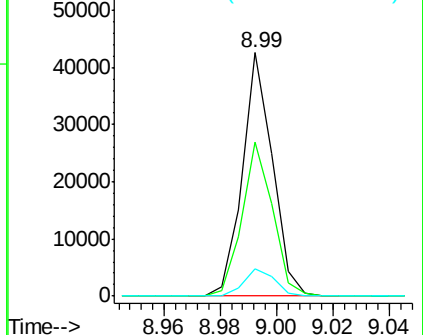
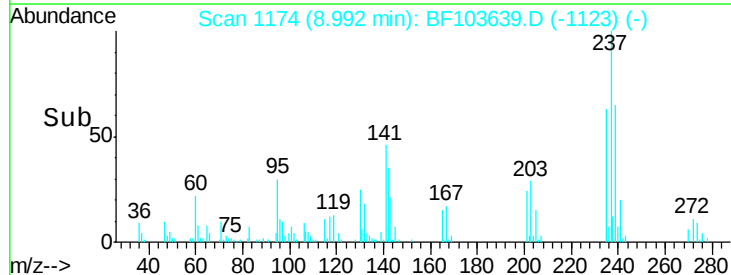


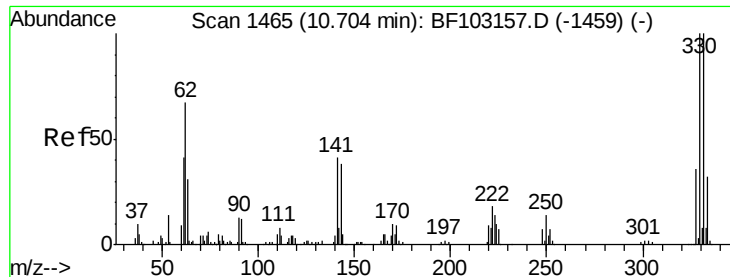
#40
 Hexachlorocyclopentadiene
 Concen: 21.072 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:237 Resp: 31461
 Ion Ratio Lower Upper
 237 100
 235 63.1 44.8 84.8
 272 11.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

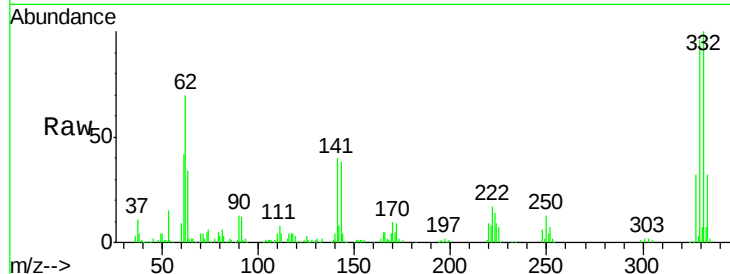




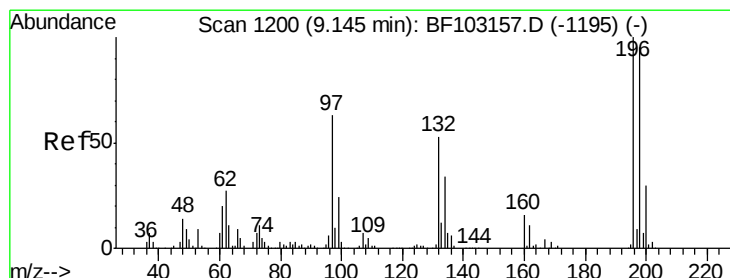
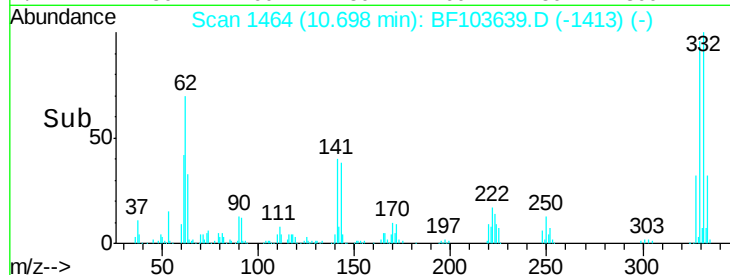
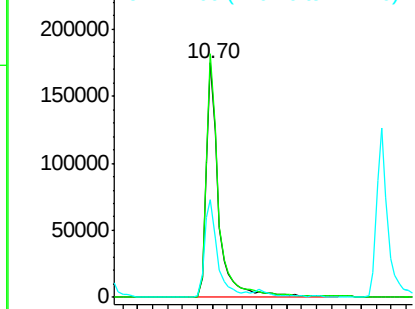
#41
 2,4,6-Tribromophenol
 Concen: 102.809 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 207198
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 43.7 29.9 44.9

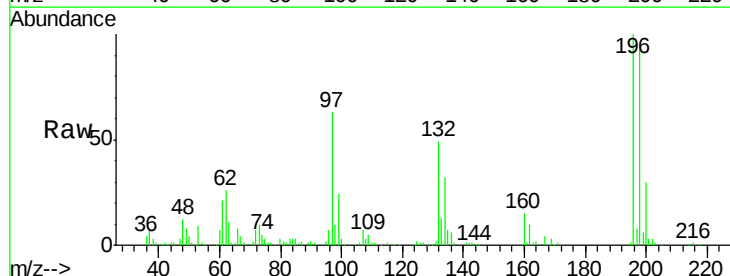


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

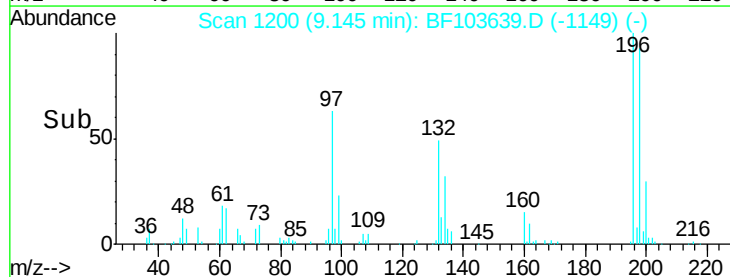
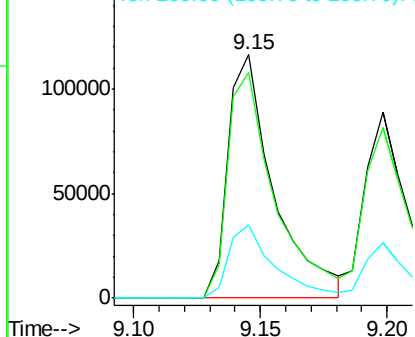


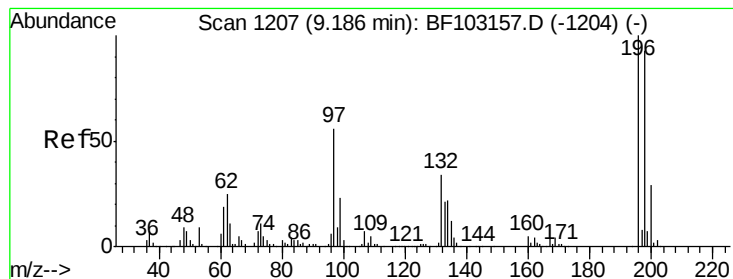
#42
 2,4,6-Trichlorophenol
 Concen: 33.325 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:196 Resp: 145957
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.7 113.5
 200 30.2 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: 30.732 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 154813

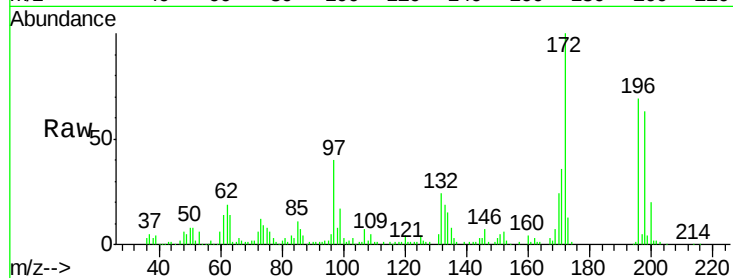
Ion Ratio Lower Upper

196 100

198 91.9 74.6 112.0

97 57.7 42.9 64.3

132 34.6 26.3 39.5

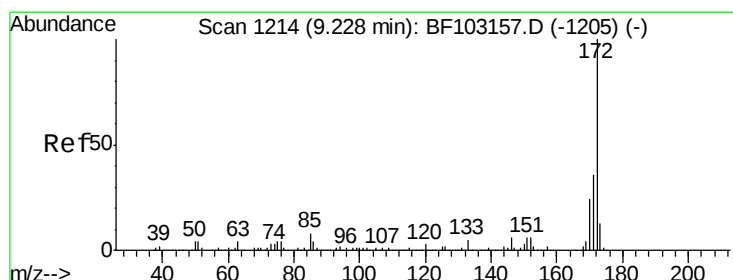
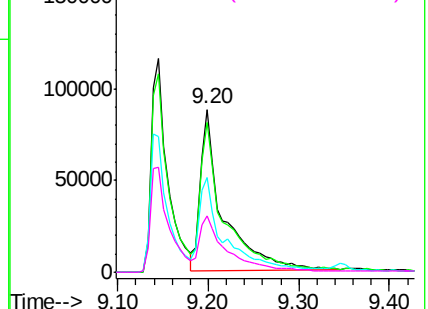
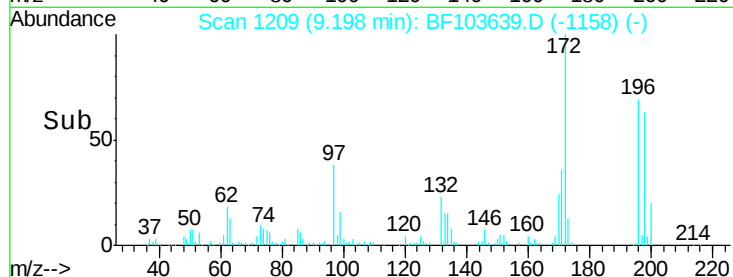


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 81.450 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

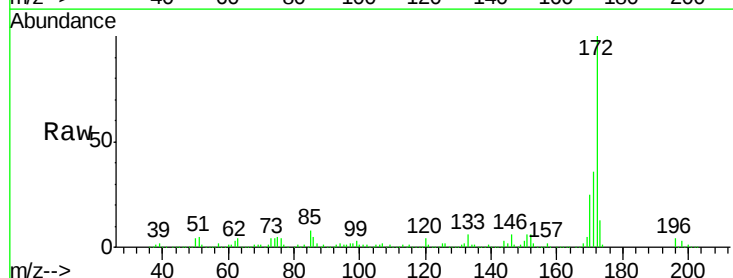
Tgt Ion:172 Resp: 1137174

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

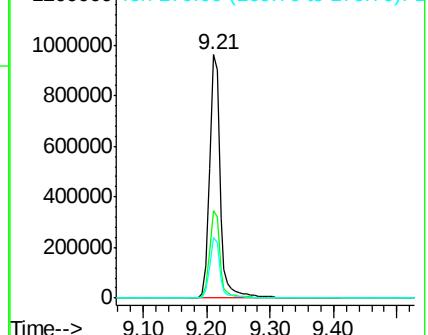
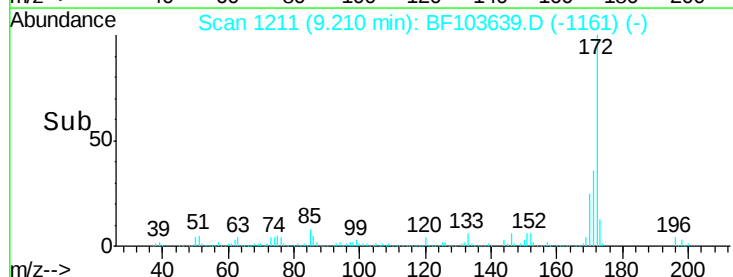
170 25.1 19.6 29.4

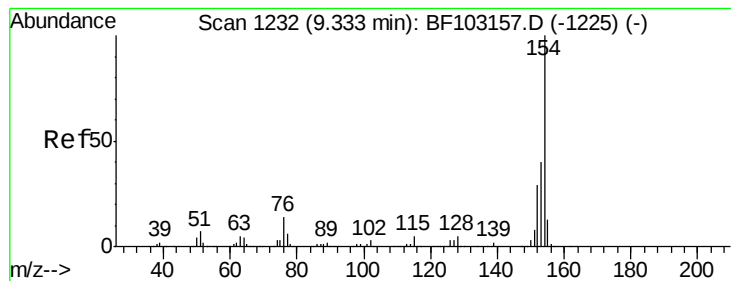


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.059 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

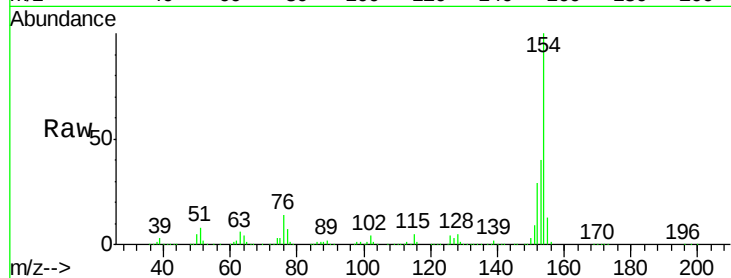
Tot Ion:154 Resp: 699491

Ion Ratio Lower Upper

154 100

153 39.8 21.3 61.3

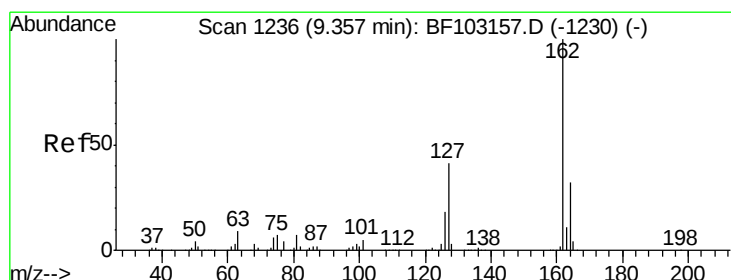
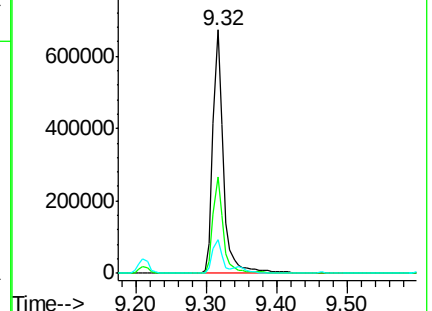
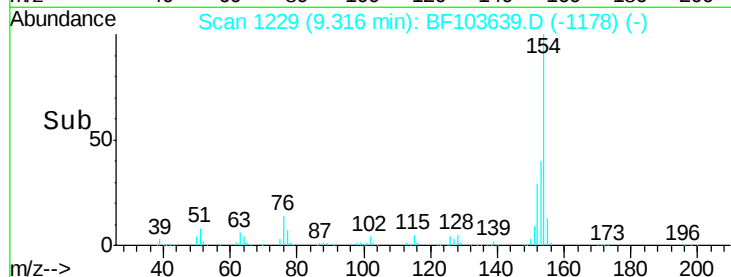
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.235 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

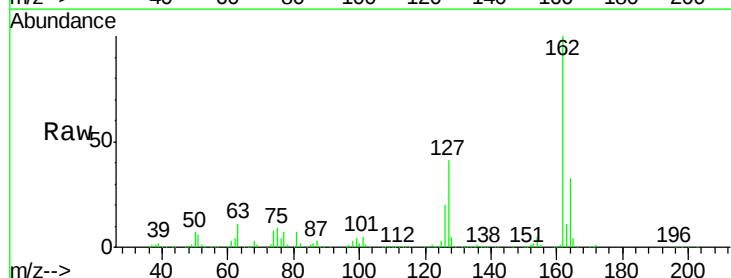
Tgt Ion:162 Resp: 556168

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

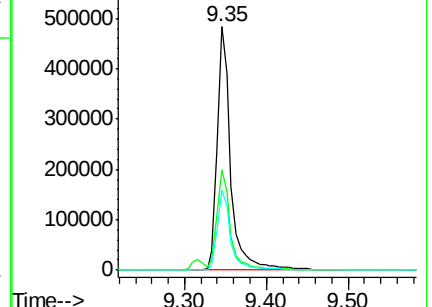
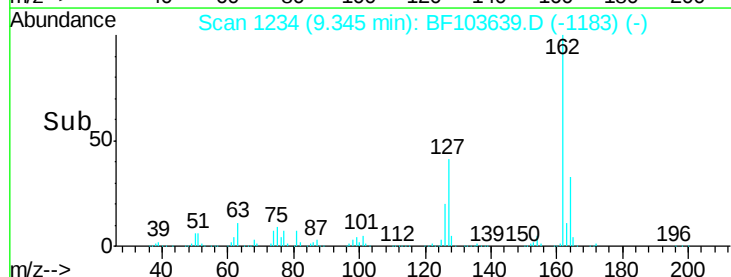
164 32.7 26.5 39.7

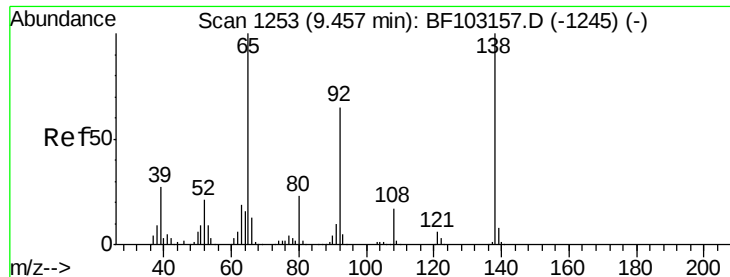


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

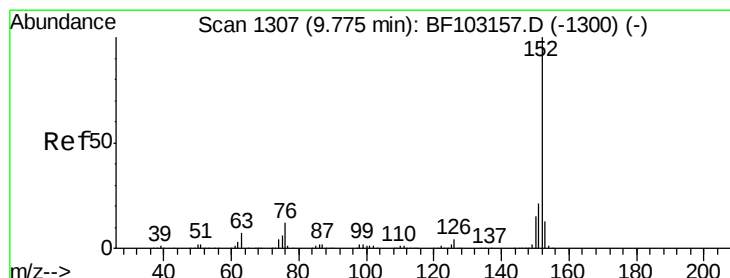
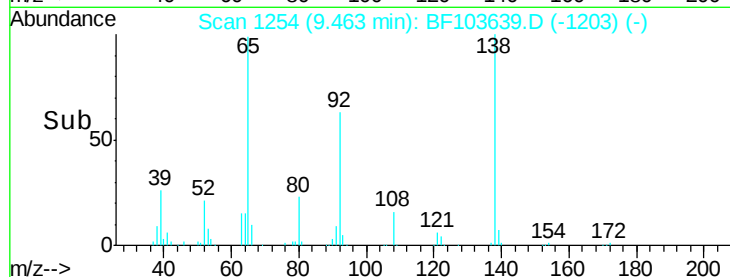
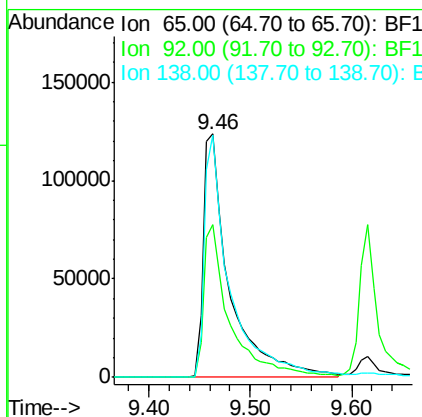
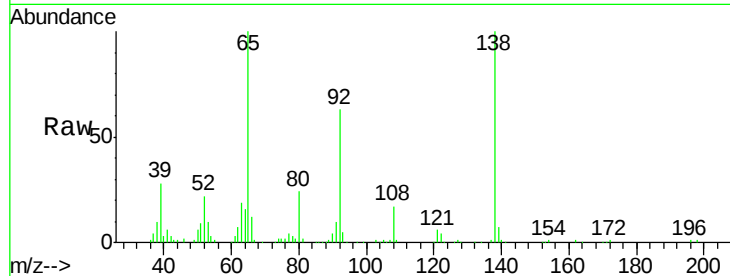




#47
2-Nitroaniline
Concen: 38.107 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

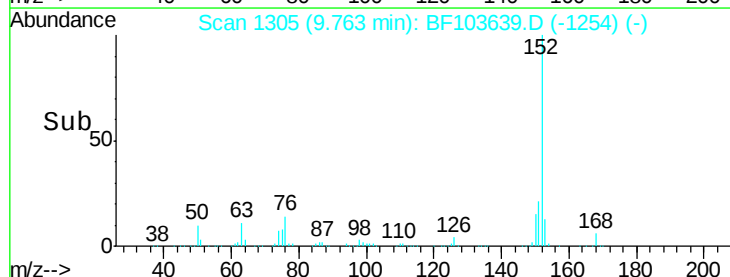
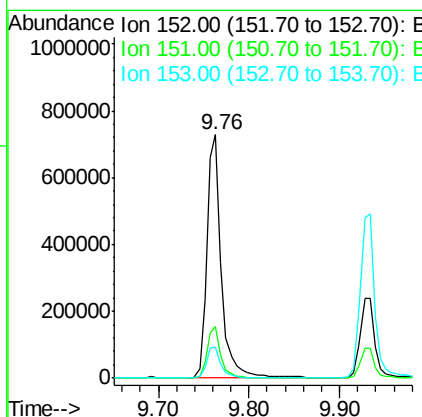
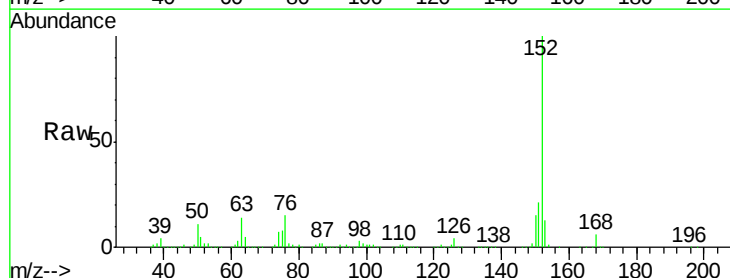
Instrument :
BNA_F
ClientSampleId :

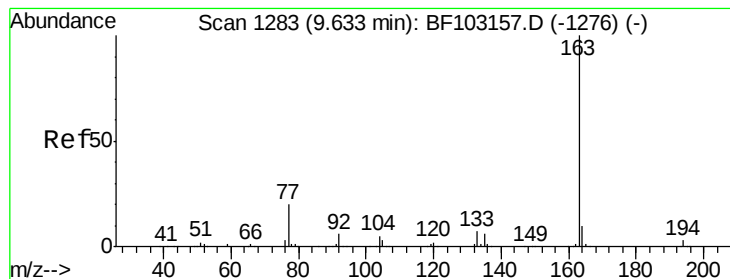
Tot Ion: 65 Resp: 222802
Ion Ratio Lower Upper
65 100
92 62.5 55.8 83.6
138 99.8 91.2 136.8



#48
Acenaphthylene
Concen: 33.715 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion: 152 Resp: 818806
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 33.201 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

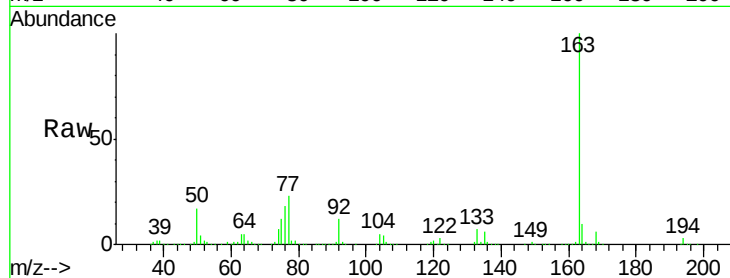
Tot Ion:163 Resp: 634154

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

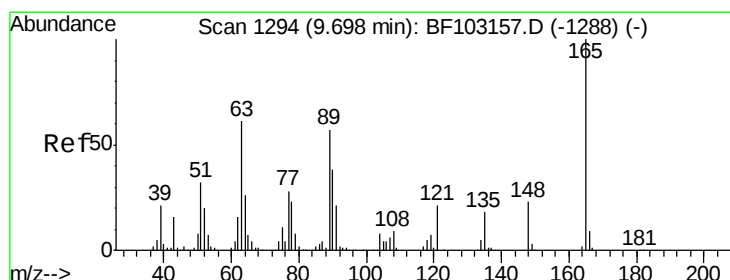
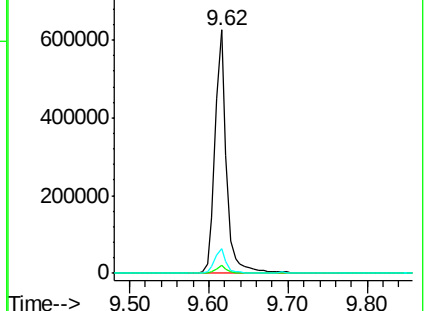
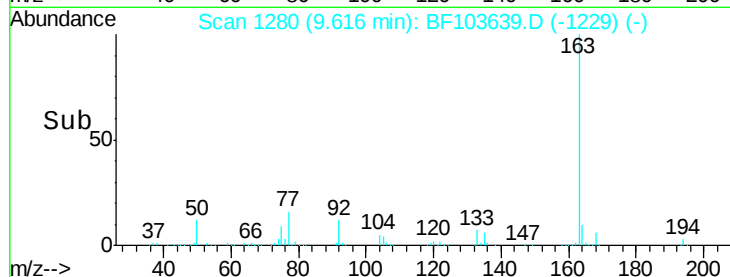
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.338 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

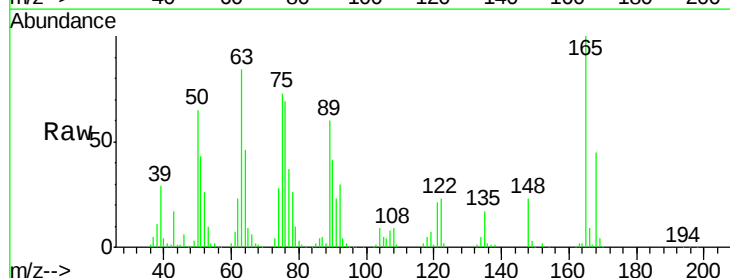
Tgt Ion:165 Resp: 137637

Ion Ratio Lower Upper

165 100

63 84.2 44.7 67.1#

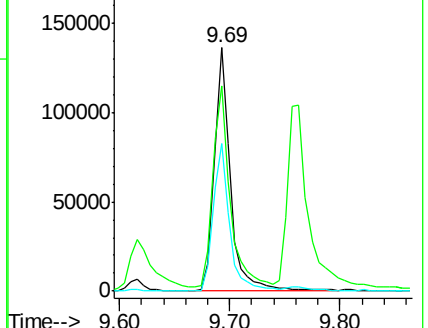
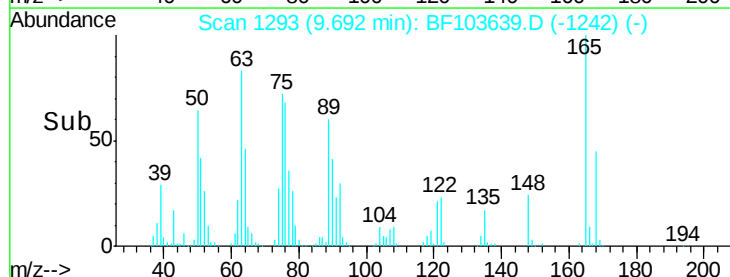
89 60.5 44.0 66.0

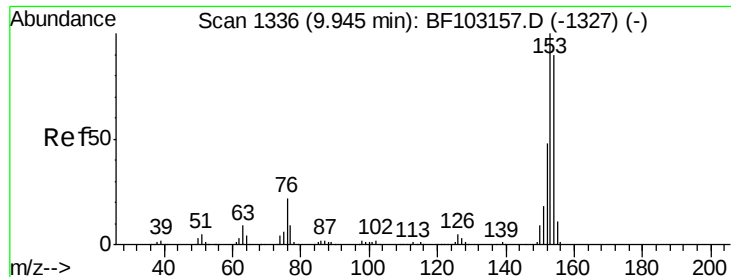


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

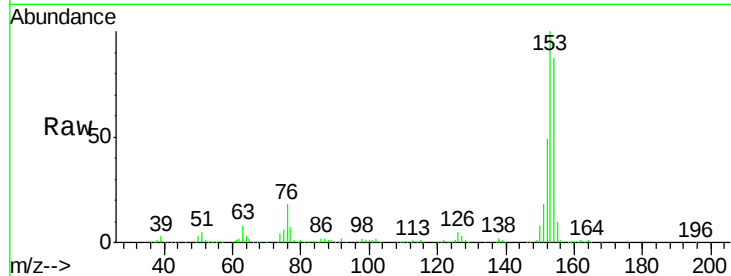




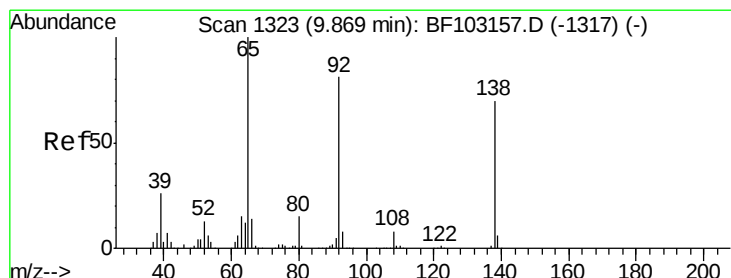
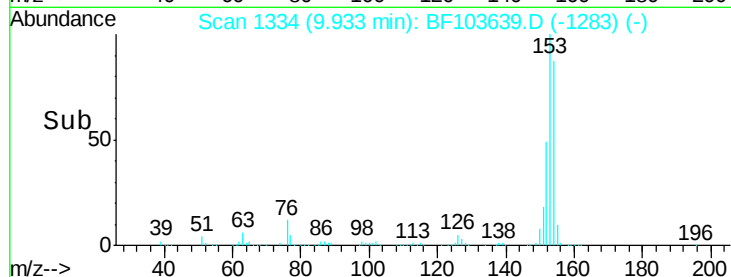
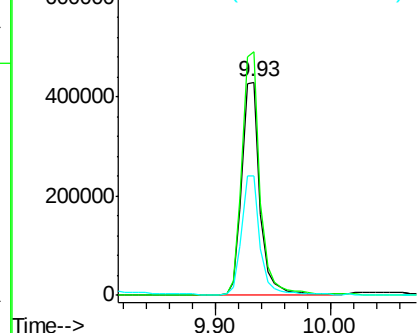
#51
Acenaphthene
Concen: 33.724 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.9	43.8	65.8

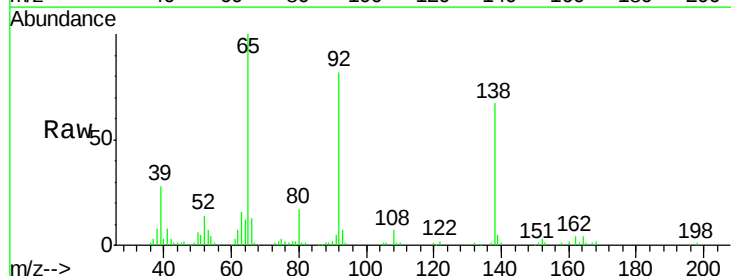


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

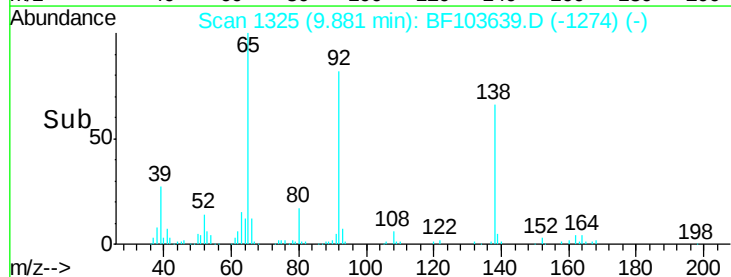
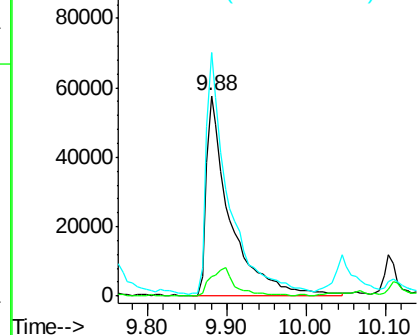


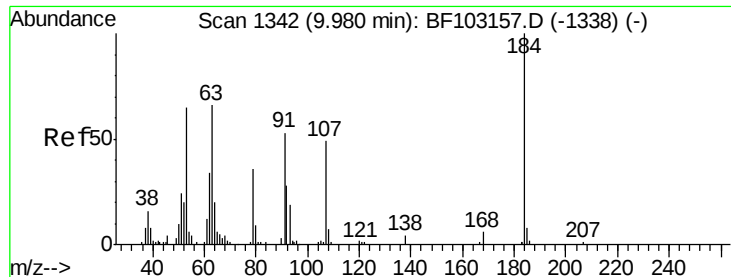
#52
3-Nitroaniline
Concen: 23.852 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	121.7	89.4	134.2



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





#53

2,4-Dinitrophenol

Concen: 24.632 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.04 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

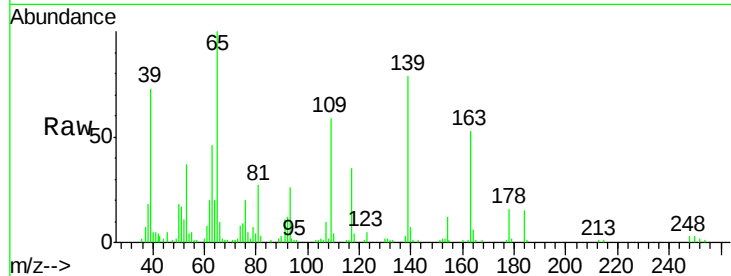
Tot Ion:184 Resp: 24704

Ion Ratio Lower Upper

184 100

63 308.5 54.2 81.2#

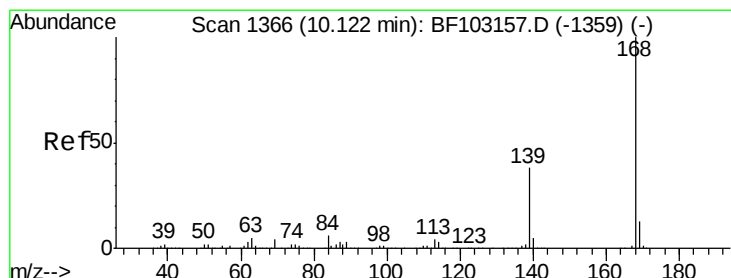
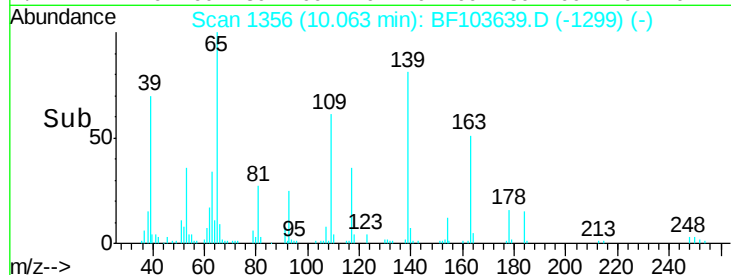
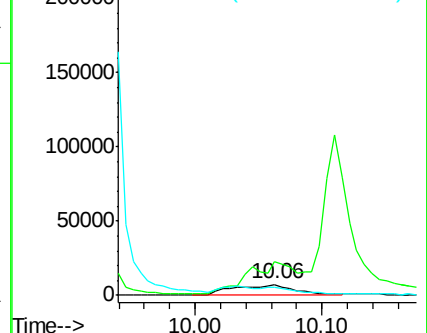
154 79.8 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.827 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

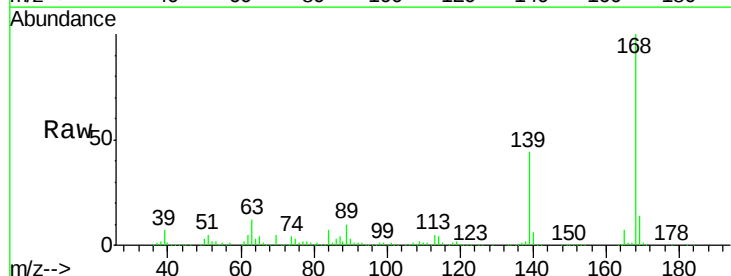
Tgt Ion:168 Resp: 715912

Ion Ratio Lower Upper

168 100

139 44.0 30.1 45.1

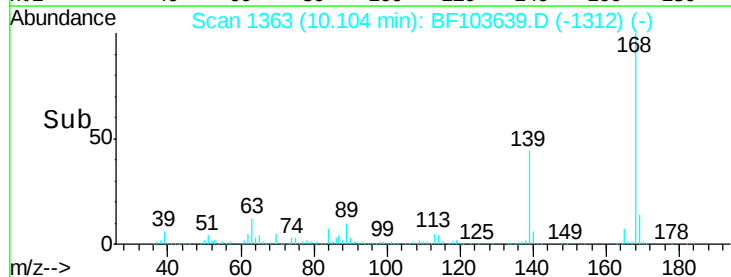
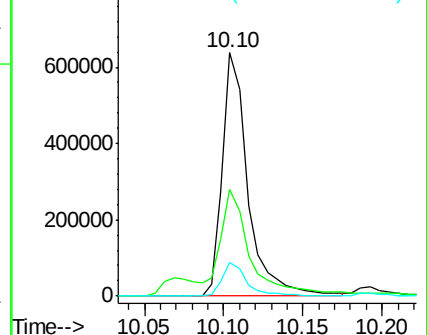
169 13.7 10.9 16.3

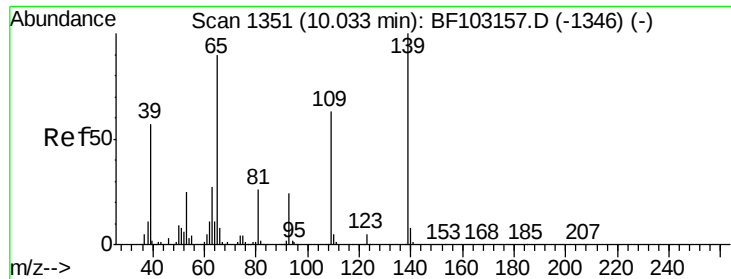


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 23.962 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

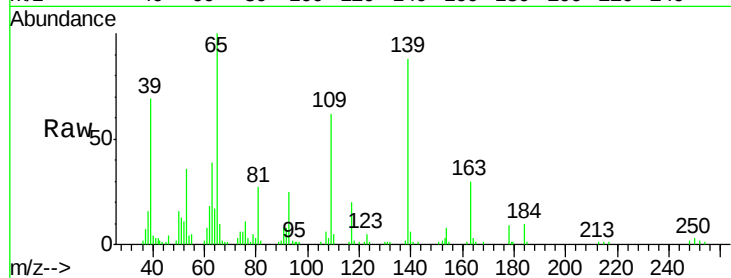
Tot Ion:139 Resp: 75524

Ion Ratio Lower Upper

139 100

109 70.6 48.4 88.4

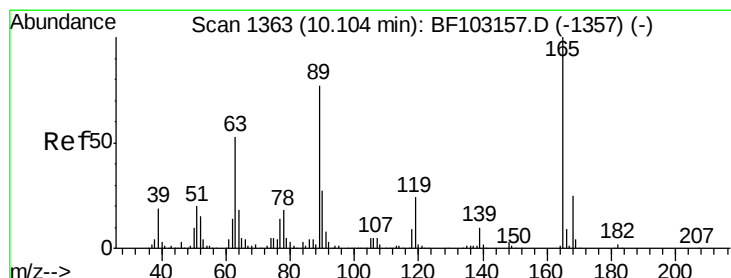
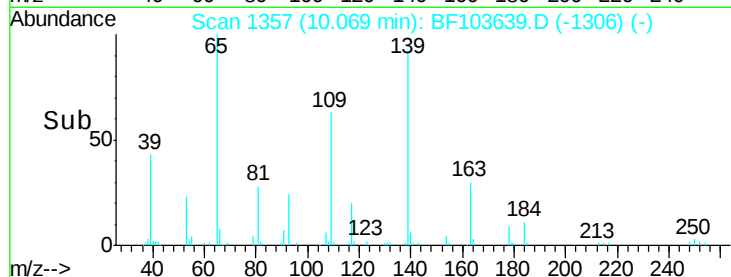
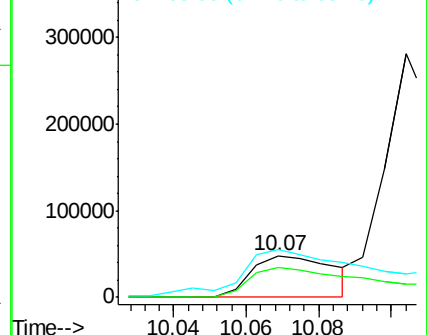
65 113.9 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 34.492 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:165 Resp: 174857

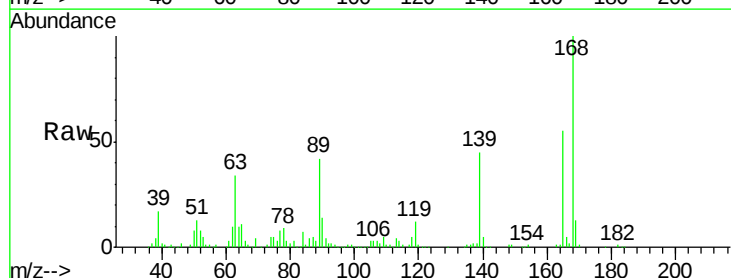
Ion Ratio Lower Upper

165 100

63 61.7 36.4 54.6#

89 77.3 57.8 86.6

182 2.0 1.6 2.4

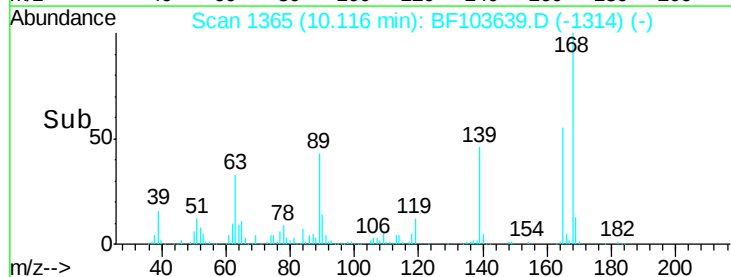
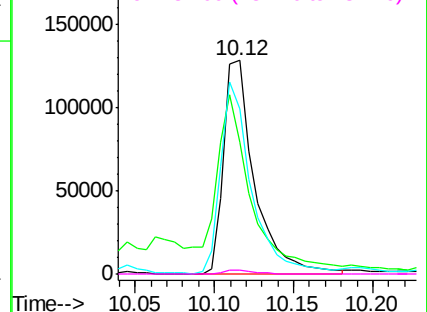


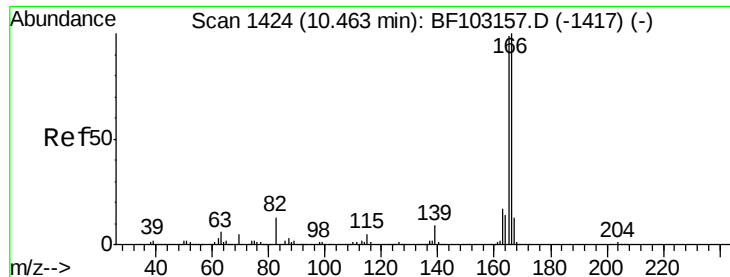
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

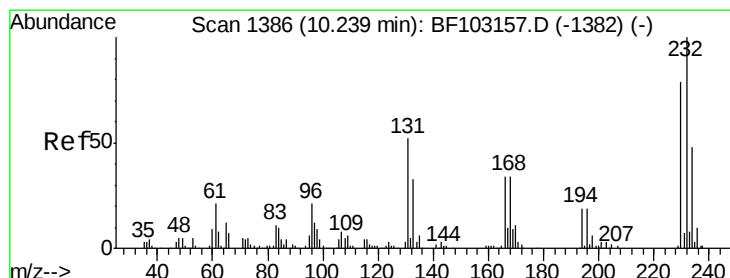
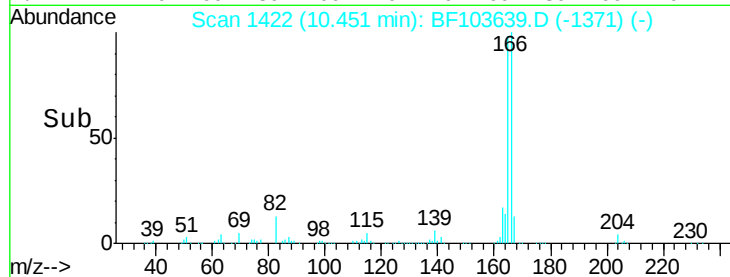
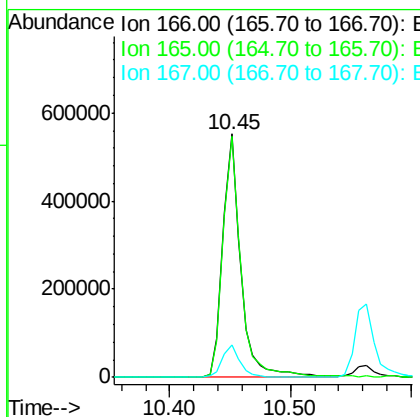
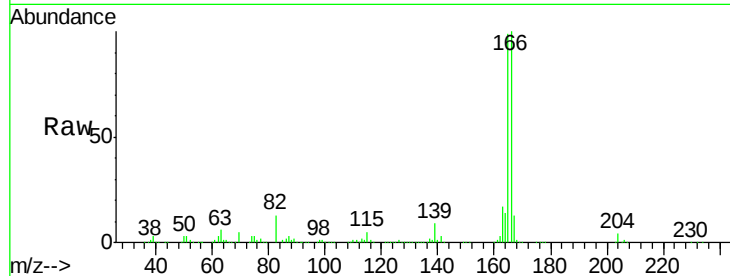




#57
Fluorene
 Concen: 34.158 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

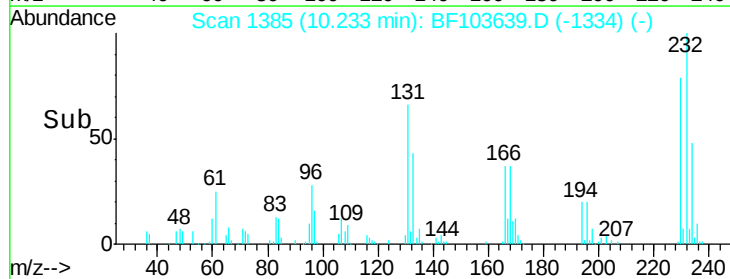
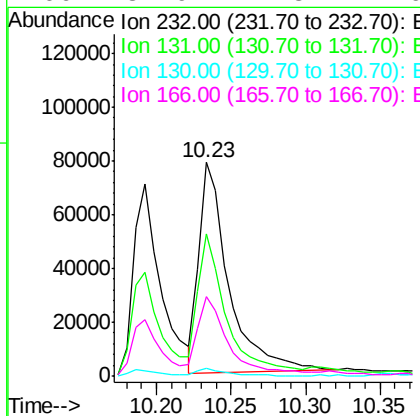
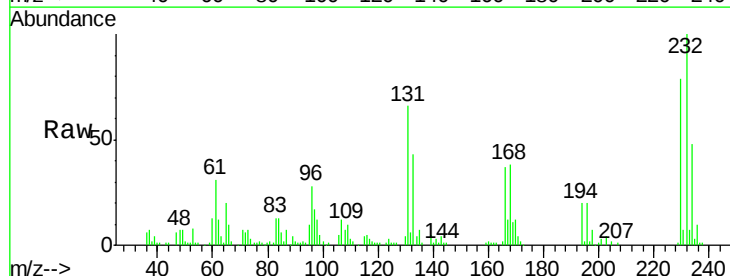
Instrument :
 BNA_F
 ClientSampleId :

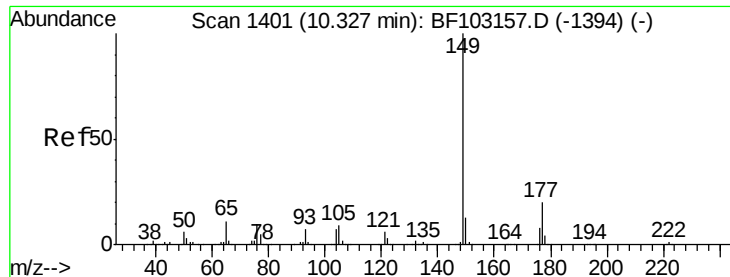
Tot Ion	166	Resp	565666
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.754 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	232	Resp	107455
Ion Ratio	Lower	Upper	
232	100		
131	60.8	43.8	65.8
130	3.7	2.1	3.1#
166	34.9	27.8	41.6

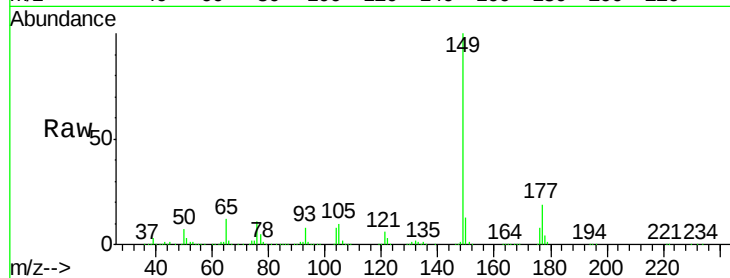




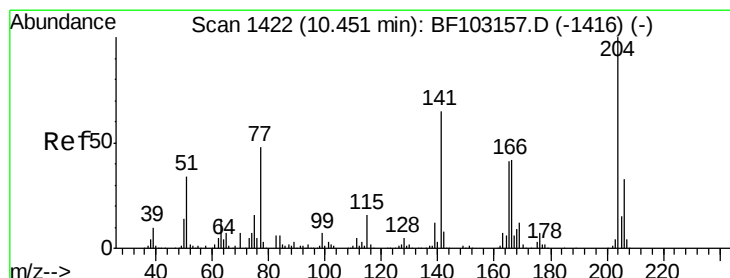
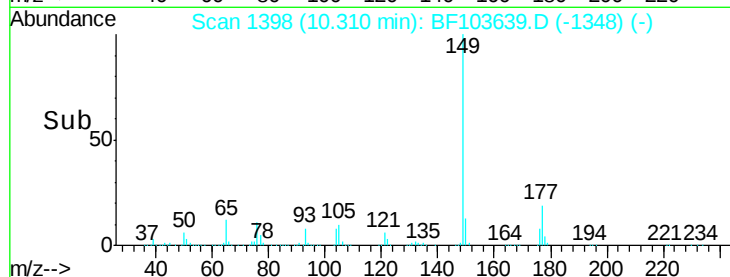
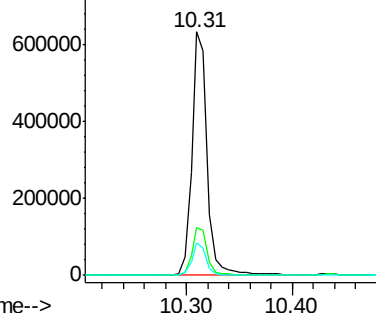
#59
Diethylphthalate
Concen: 35.235 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 643683
Ion Ratio Lower Upper
149 100
177 19.4 16.1 24.1
150 13.1 10.1 15.1

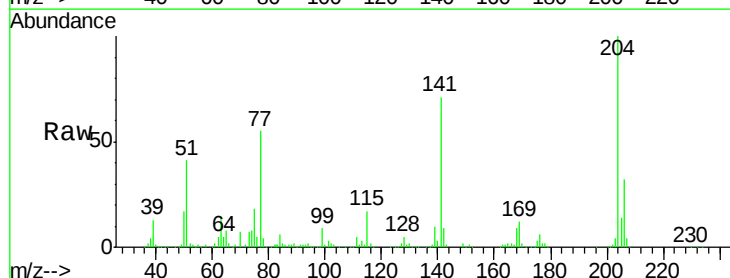


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

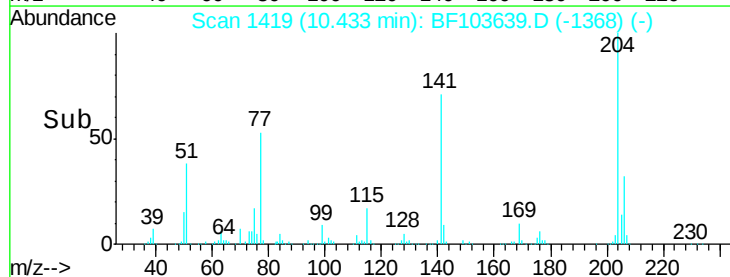
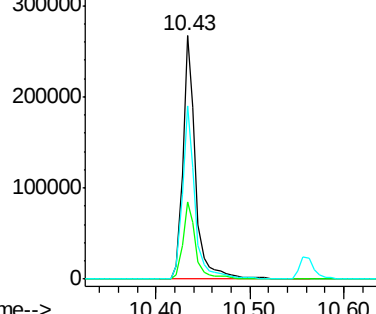


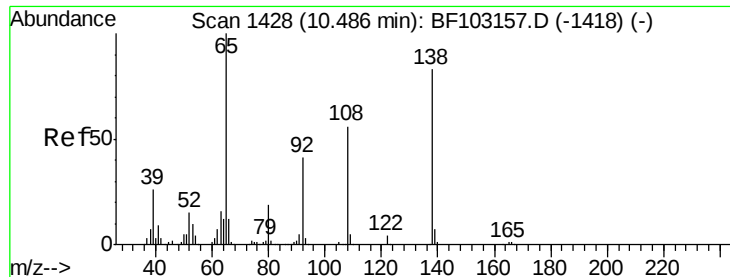
#60
4-Chlorophenyl-phenylether
Concen: 36.400 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:204 Resp: 255625
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 71.0 54.6 81.8



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

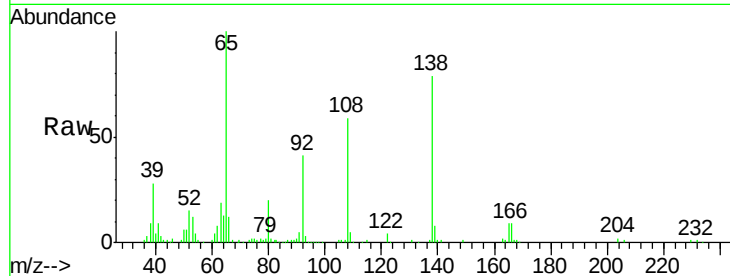




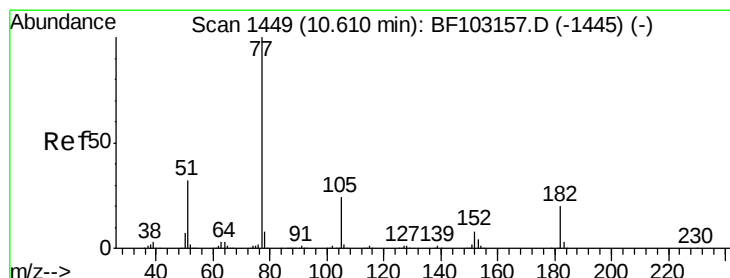
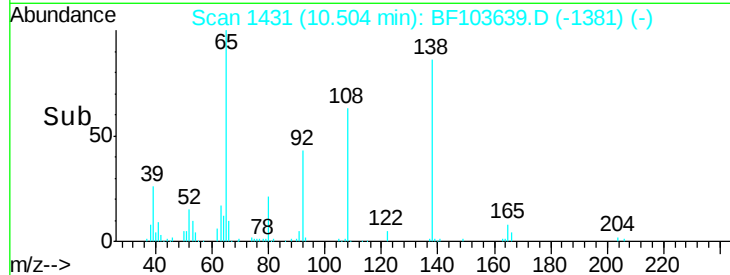
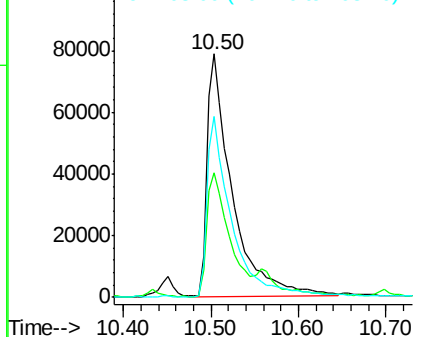
#61
4-Nitroaniline
Concen: 30.727 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 156077
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 74.3 52.5 92.5

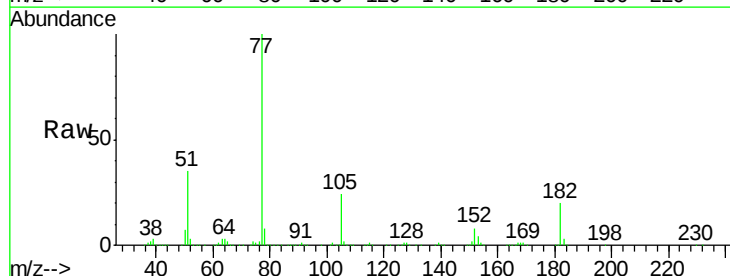


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

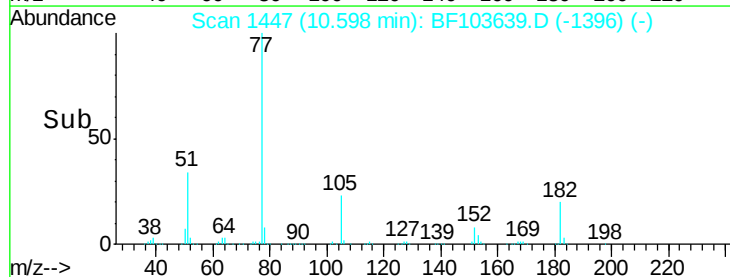
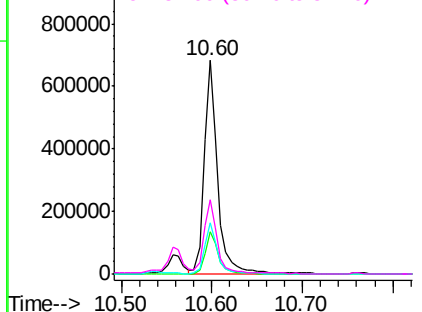


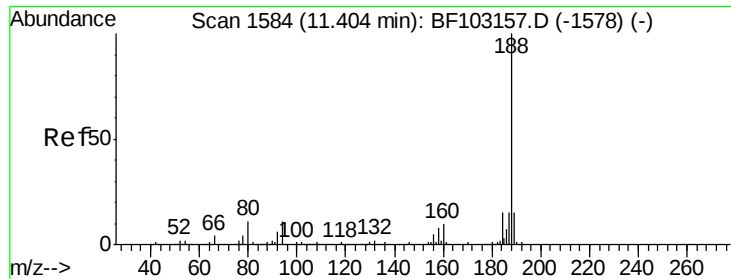
#62
Azobenzene
Concen: 37.848 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion: 77 Resp: 703774
Ion Ratio Lower Upper
77 100
182 19.7 1.7 41.7
105 23.8 3.0 43.0
51 34.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

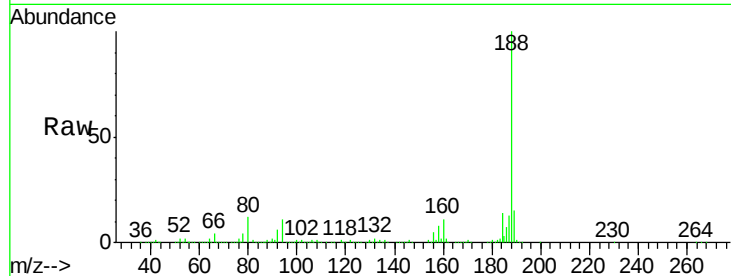
Tot Ion:188 Resp: 403628

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

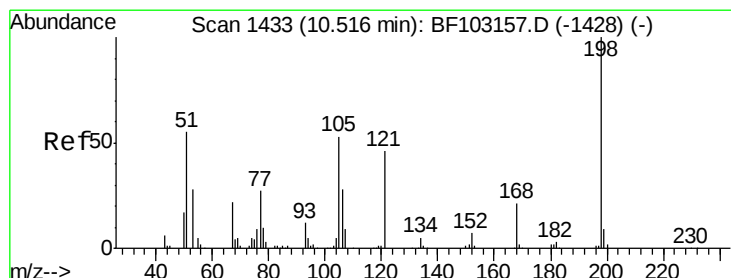
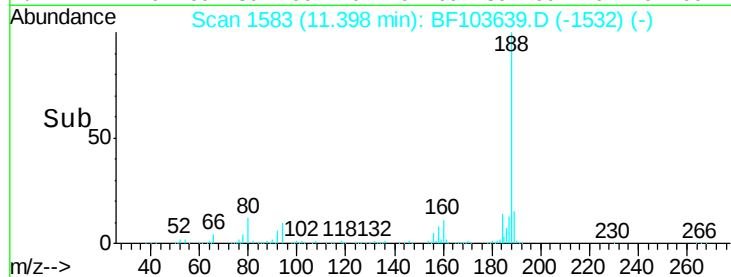
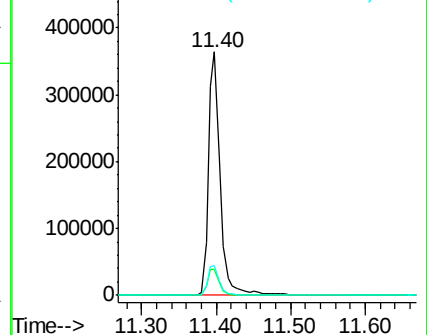
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 14.534 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

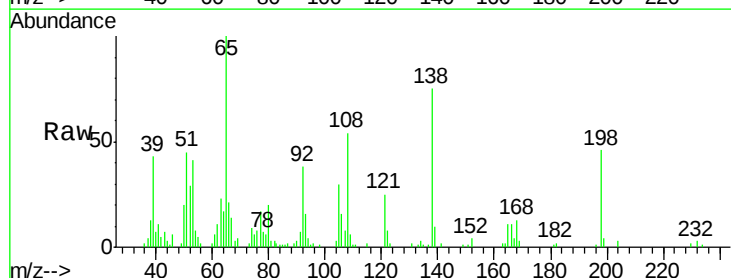
Tgt Ion:198 Resp: 26253

Ion Ratio Lower Upper

198 100

51 97.1 37.7 77.7#

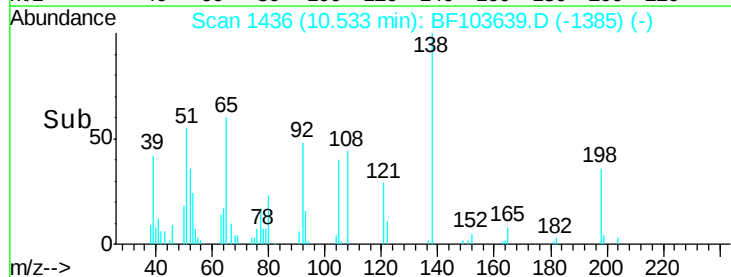
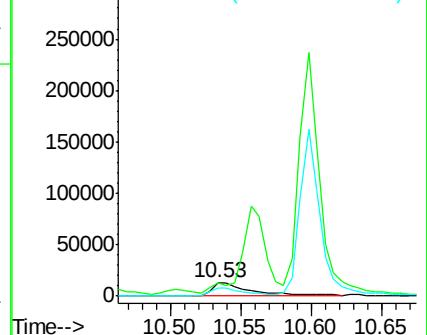
105 64.9 36.3 76.3

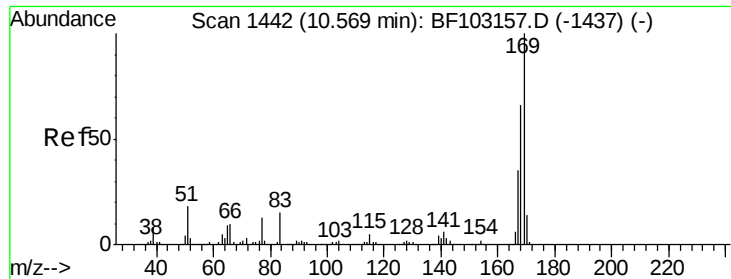


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

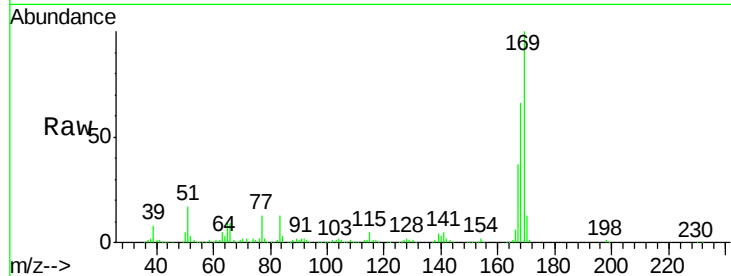




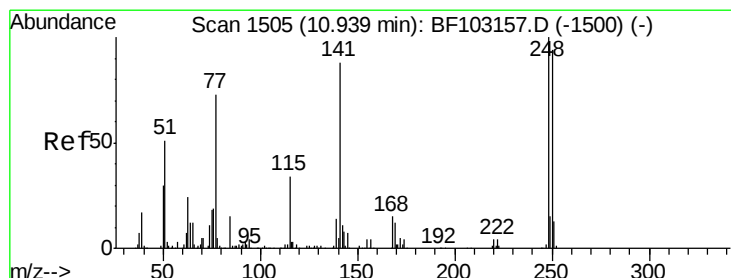
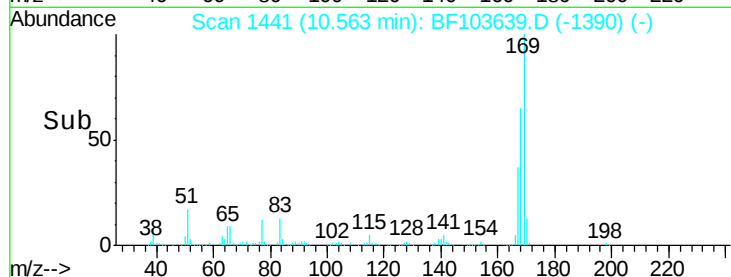
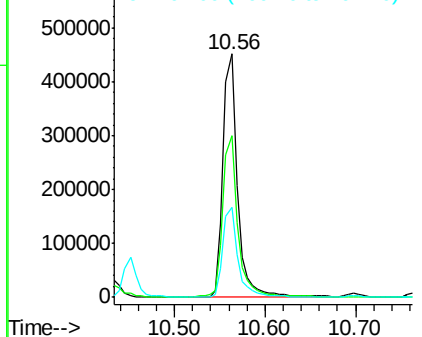
#65
n-Nitrosodiphenylamine
Concen: 35.455 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 498275
Ion Ratio Lower Upper
169 100
168 66.3 54.4 81.6
167 37.0 29.8 44.6

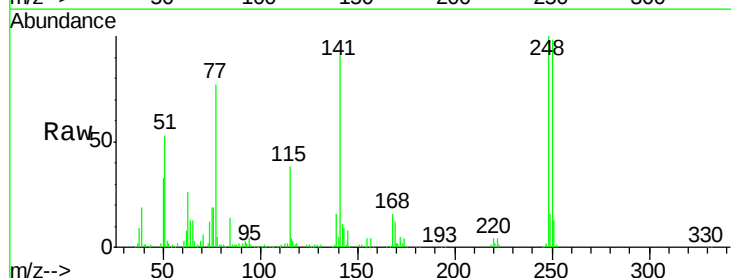


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

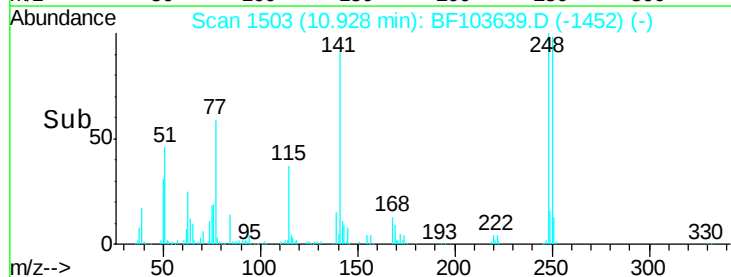
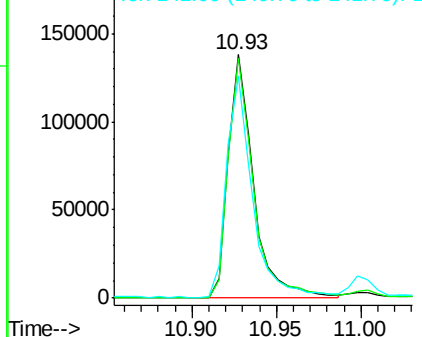


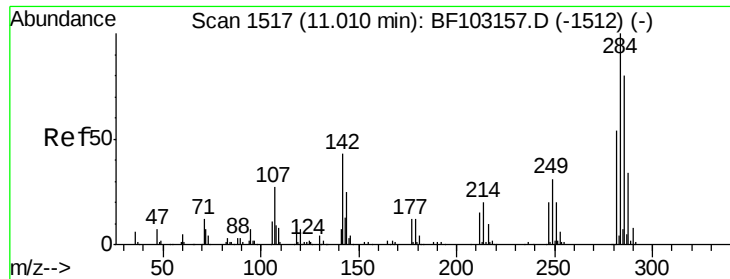
#66
4-Bromophenyl-phenylether
Concen: 34.321 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:248 Resp: 144308
Ion Ratio Lower Upper
248 100
250 98.2 76.9 115.3
141 91.4 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

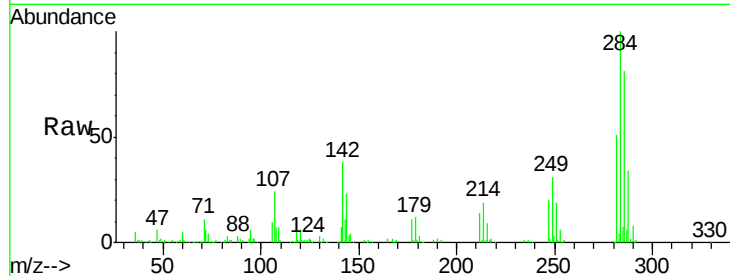




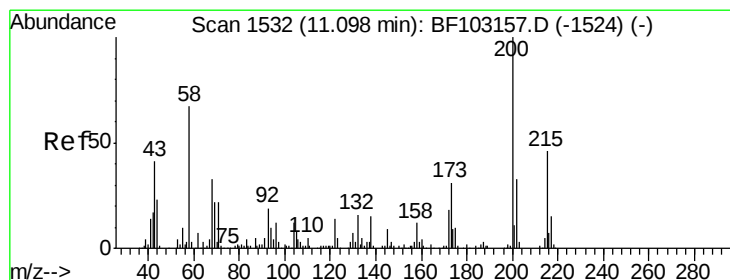
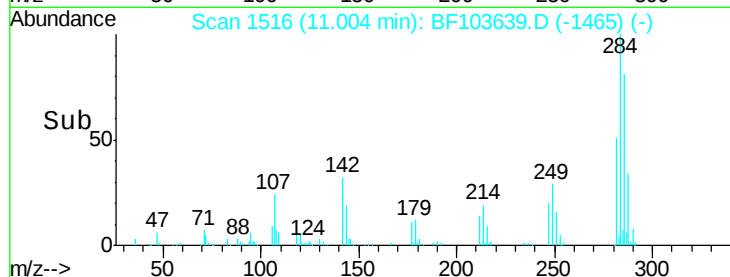
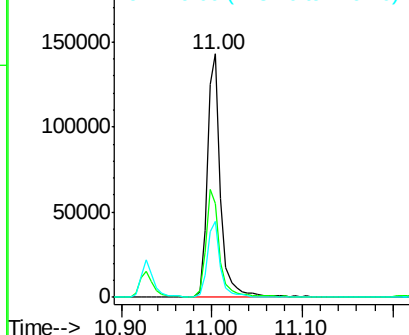
#67
Hexachlorobenzene
Concen: 32.347 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 147621
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 31.0 24.8 37.2

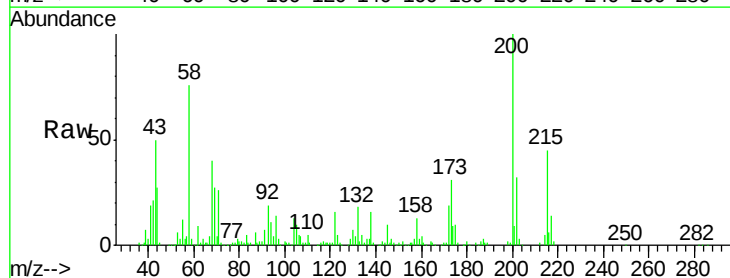


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

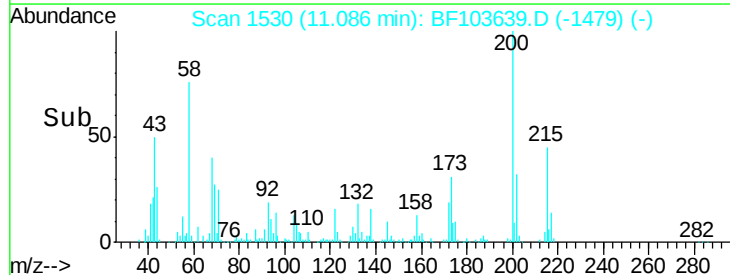
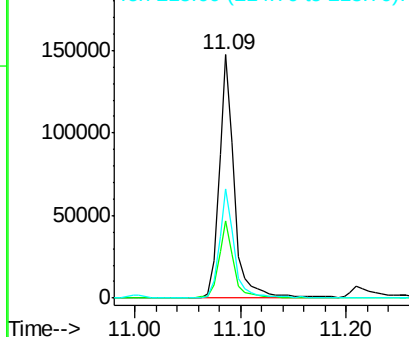


#68
Atrazine
Concen: 35.442 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:200 Resp: 149711
Ion Ratio Lower Upper
200 100
173 31.5 8.6 48.6
215 44.8 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

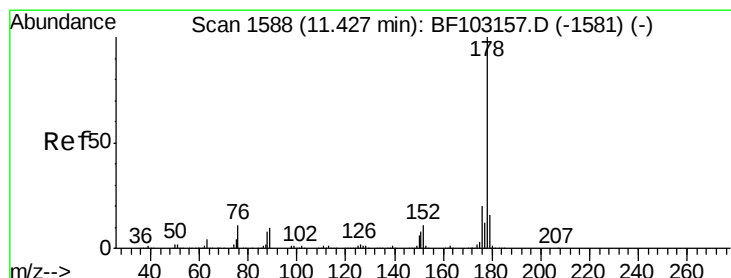
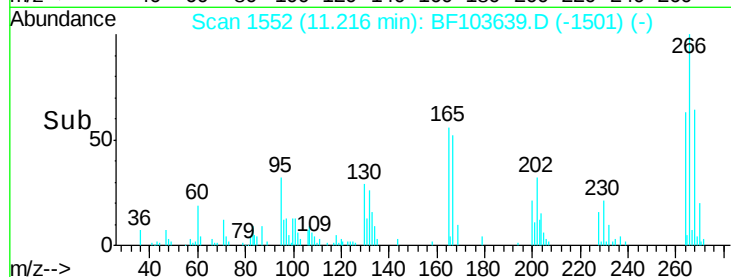
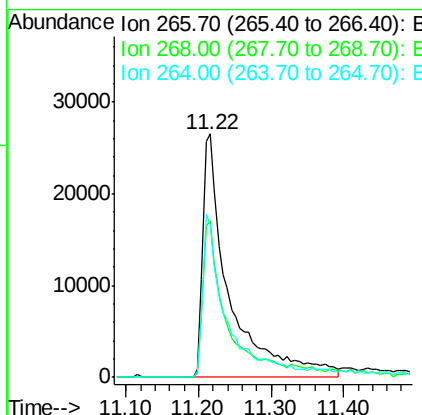
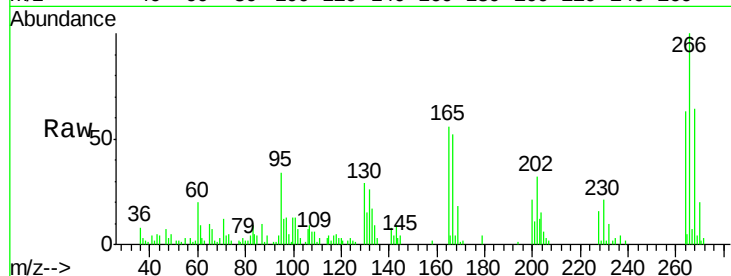




#69
 Pentachlorophenol
 Concen: 30.533 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

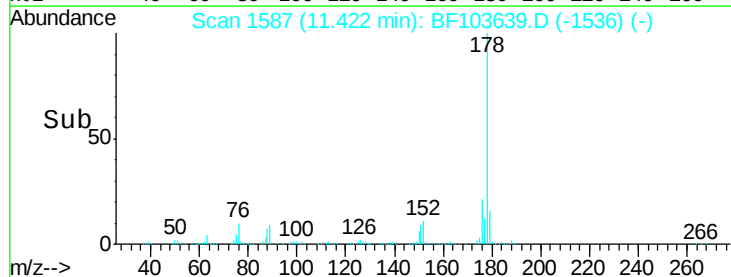
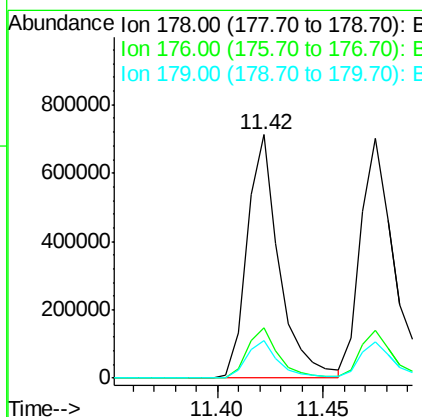
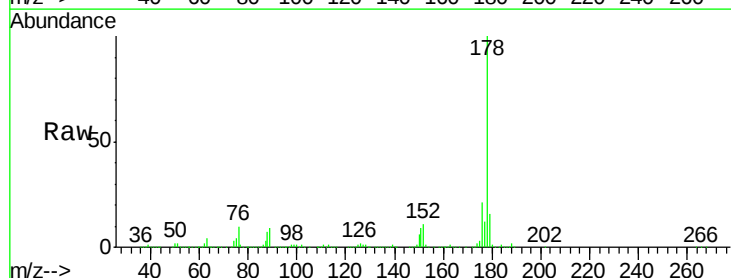
Instrument :
 BNA_F
 ClientSampleId :

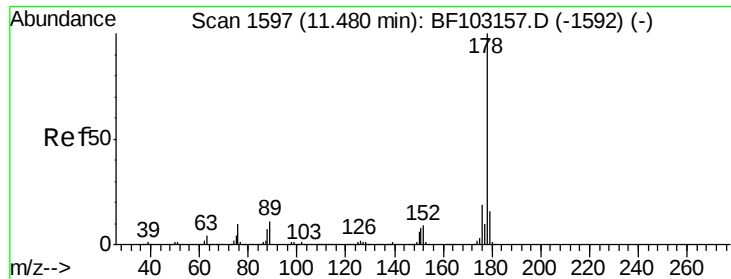
Tot Ion:266 Resp: 67375
 Ion Ratio Lower Upper
 266 100
 268 68.4 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 33.791 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:178 Resp: 750606
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 15.7 13.0 19.6

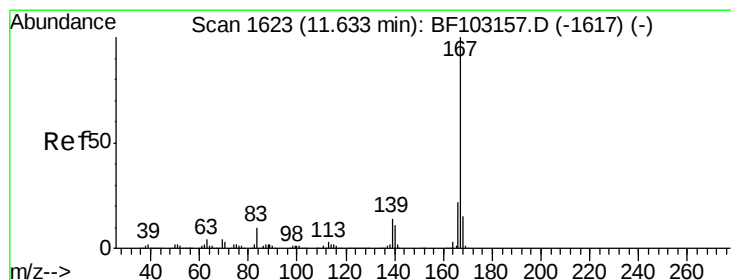
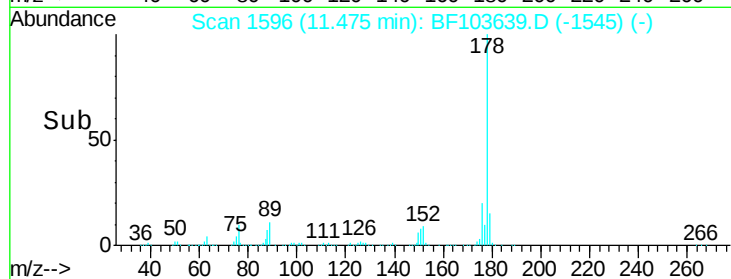
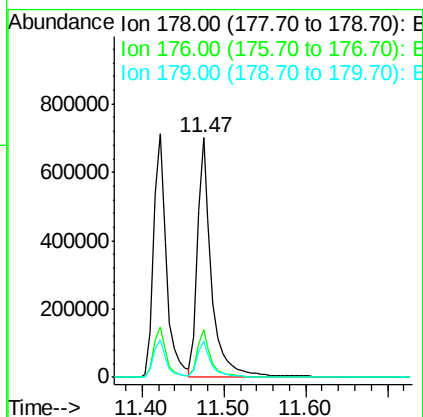
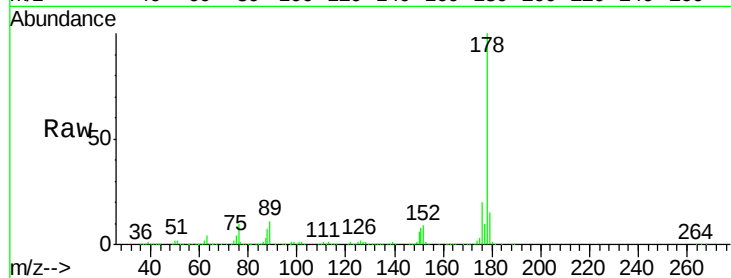




#71
 Anthracene
 Concen: 36.901 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

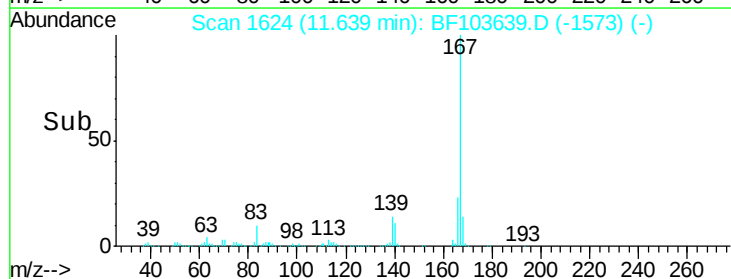
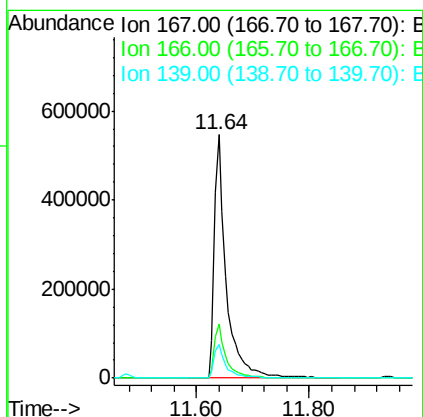
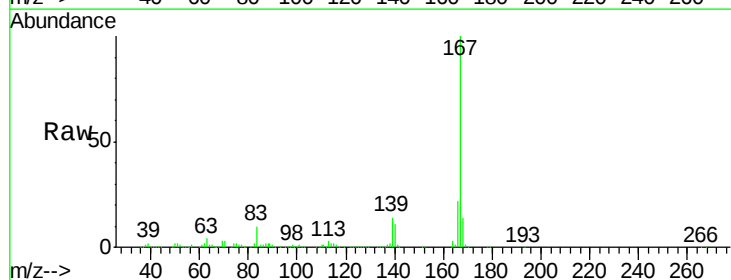
Instrument :
 BNA_F
 ClientSampleId :

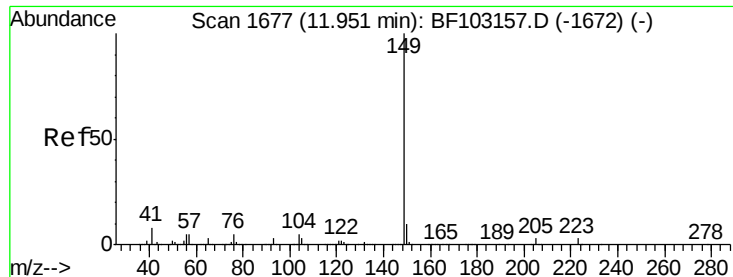
Tot Ion:178 Resp: 840532
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 35.183 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:167 Resp: 798059
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.816 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

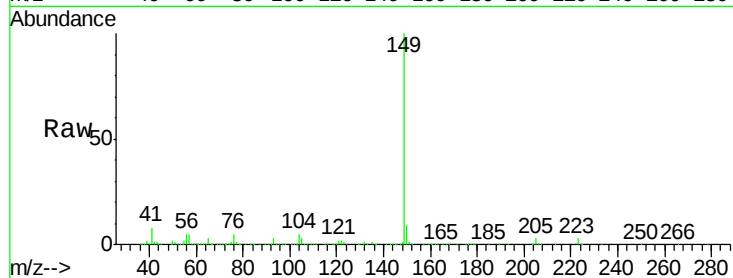
Tot Ion:149 Resp: 1016576

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

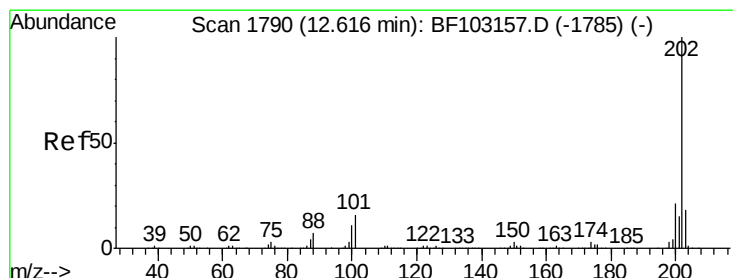
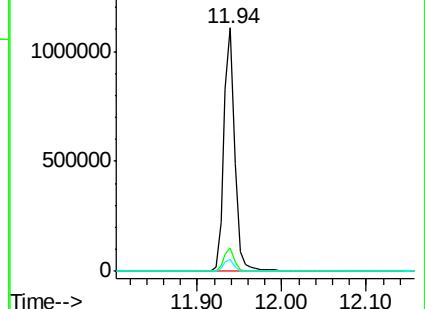
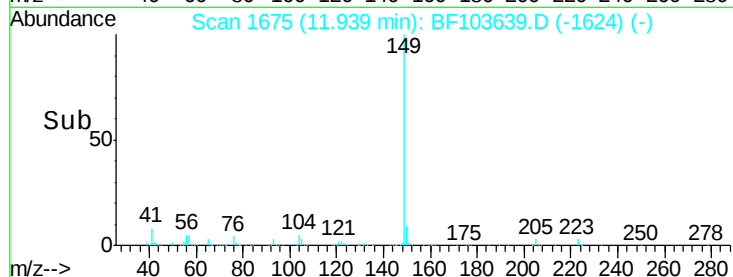
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.619 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

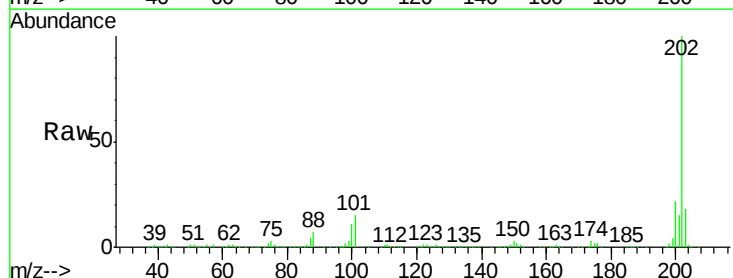
Tgt Ion:202 Resp: 728103

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

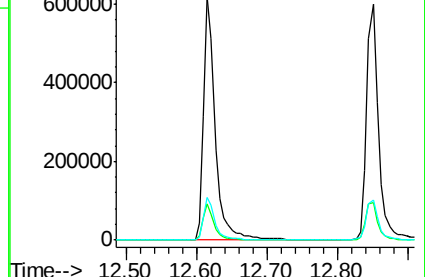
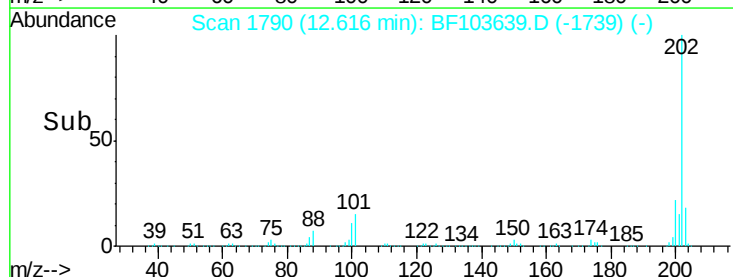
203 17.6 0.0 38.1

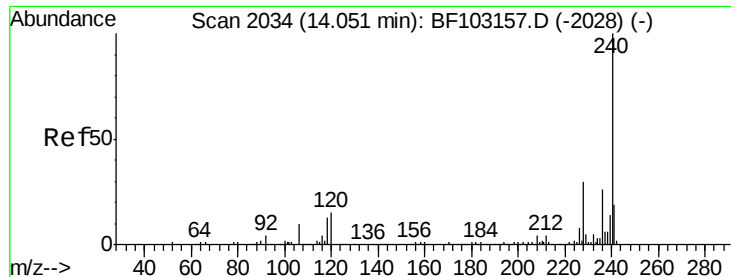


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

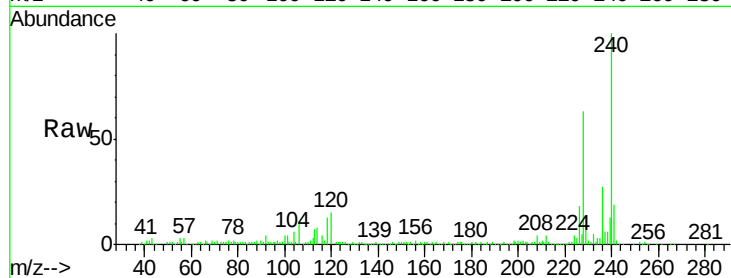
Tot Ion:240 Resp: 219656

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

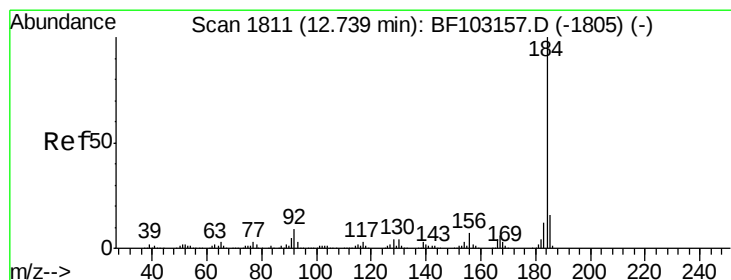
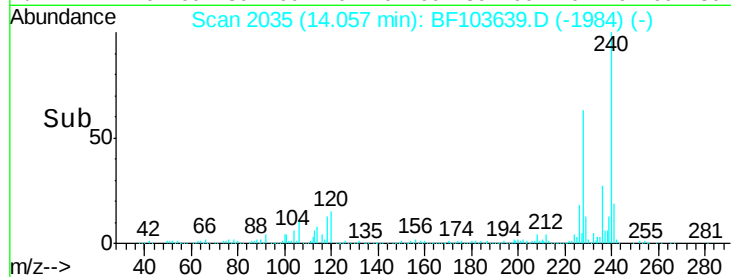
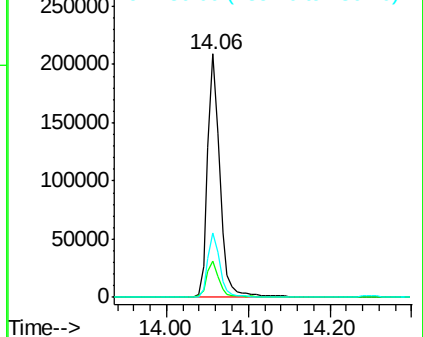
236 26.6 20.7 31.1



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: 40.858 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

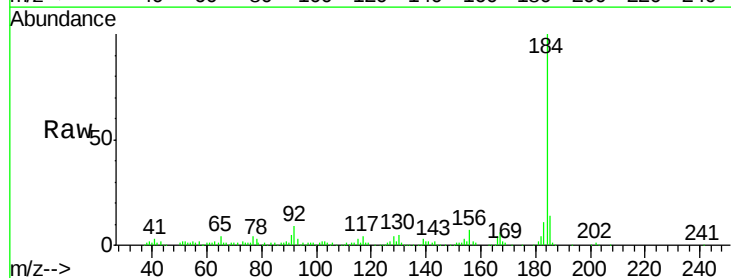
Tgt Ion:184 Resp: 335525

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

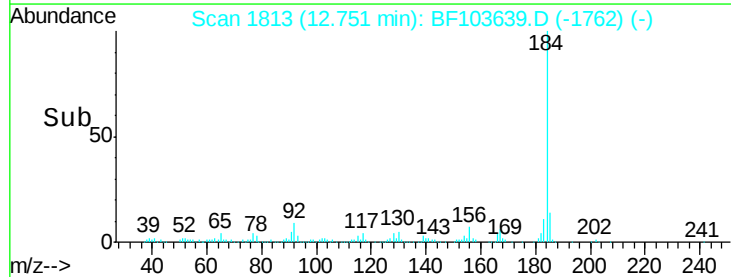
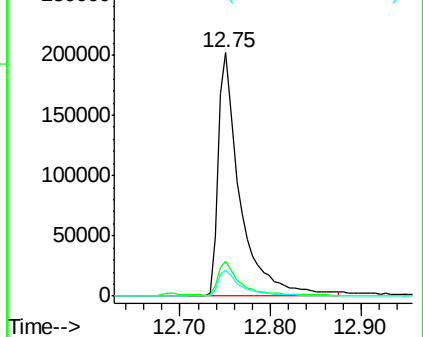
183 10.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

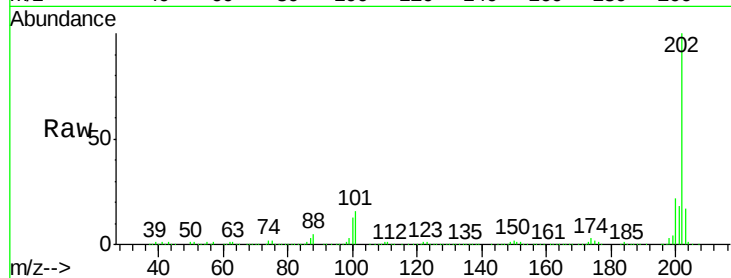




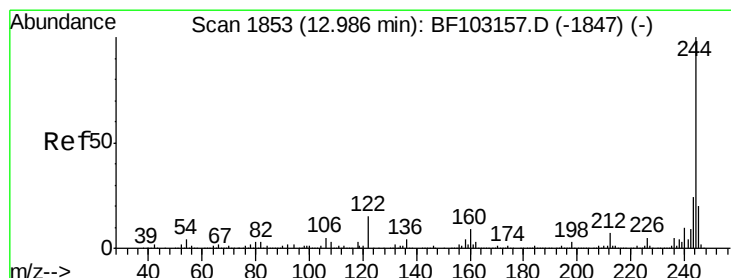
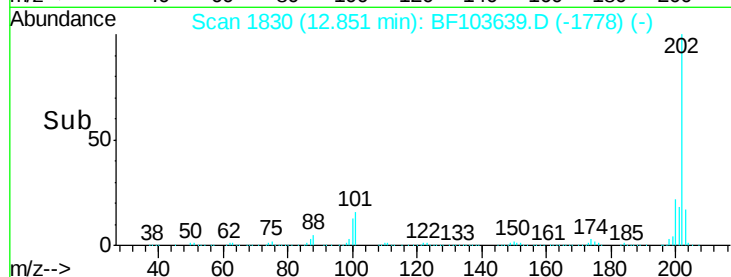
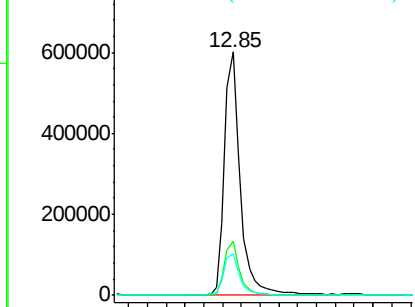
#77
Pvrene
Concen: 41.176 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 705164
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.1 14.3 21.5

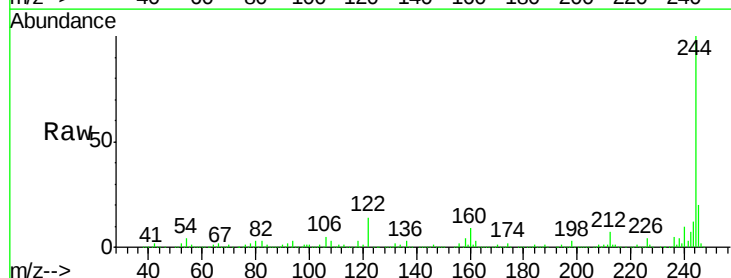


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

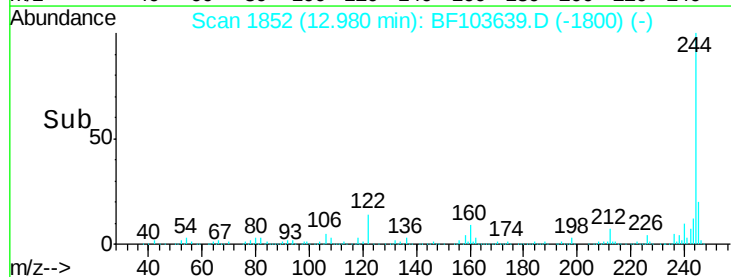
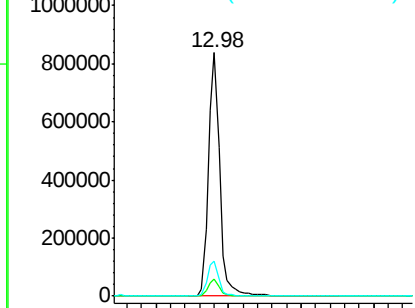


#78
Terphenyl-d14
Concen: 99.802 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:244 Resp: 911949
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 14.5 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

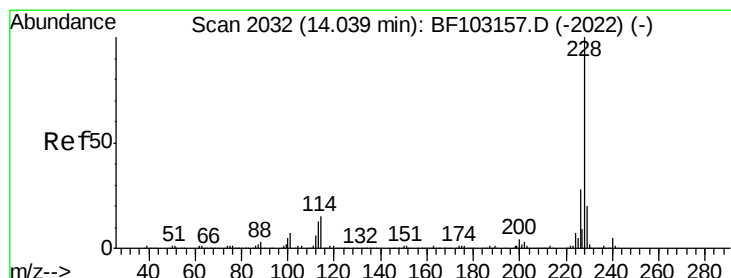
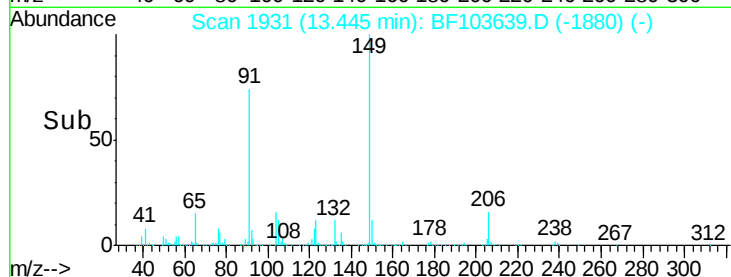
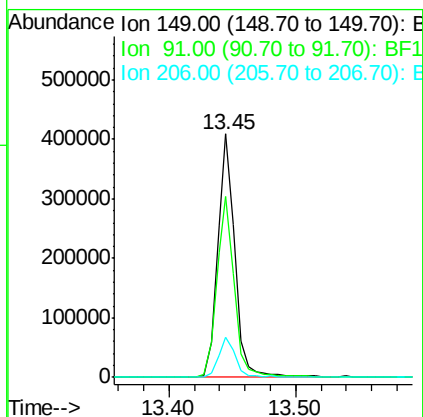
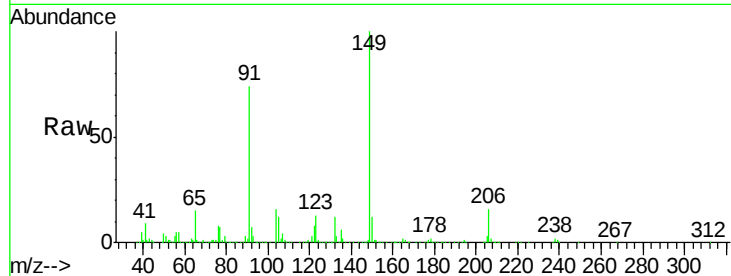




#79
Butylbenzylphthalate
Concen: 42.842 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

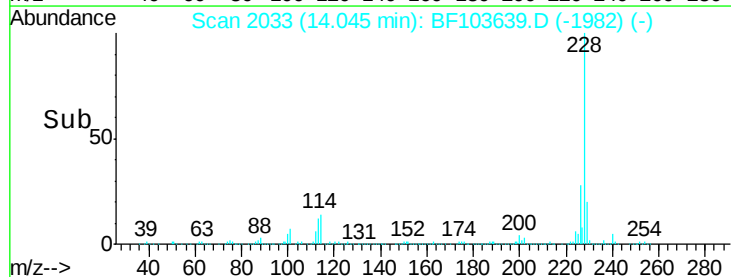
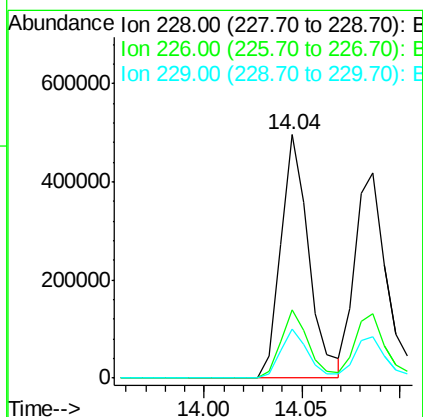
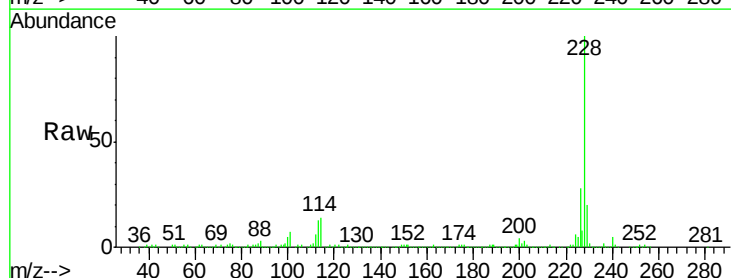
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 387642
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.547 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:228 Resp: 492370
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.3 15.8 23.6

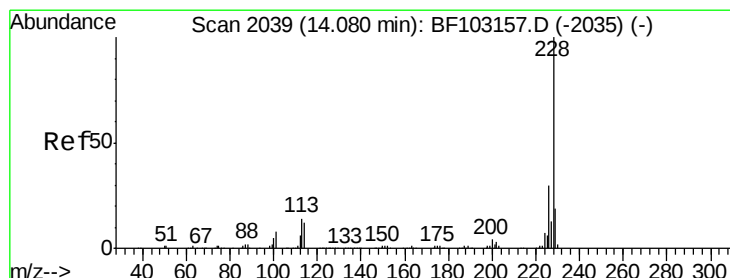
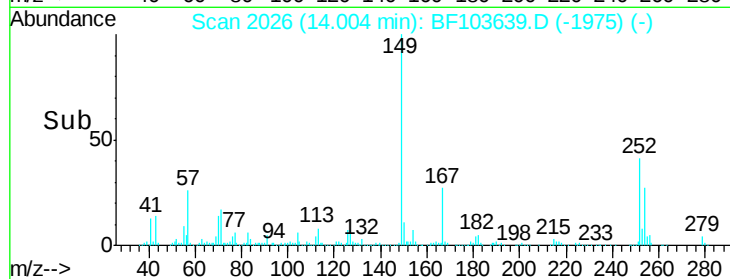
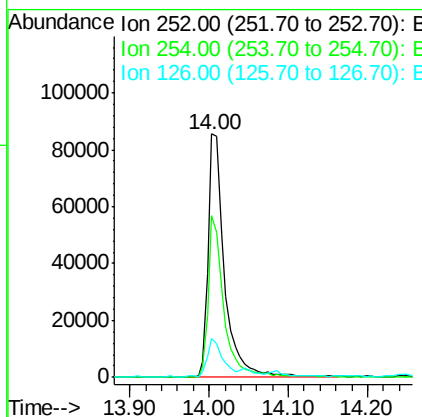
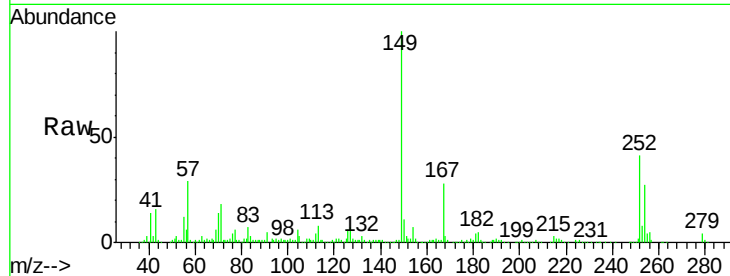




#81
 3,3'-Dichlorobenzidine
 Concen: 24.551 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

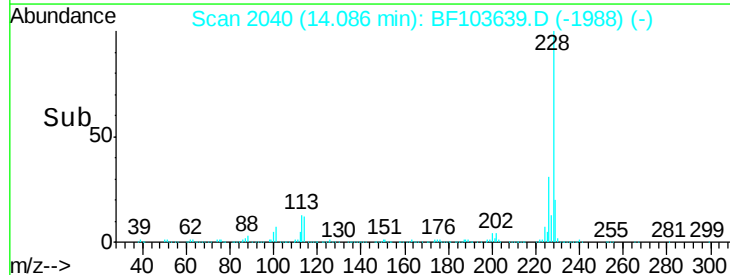
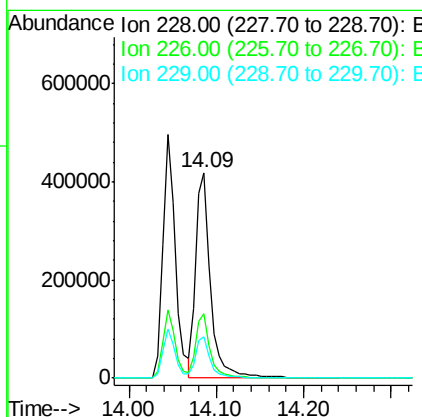
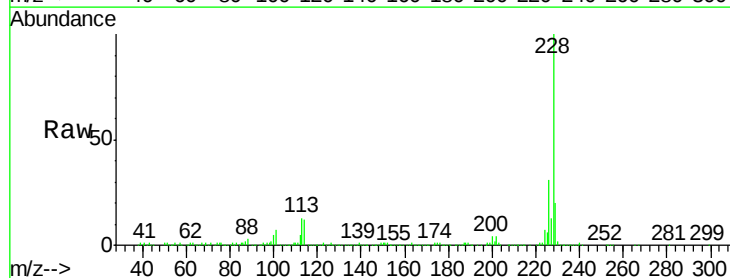
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 124875
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.4 75.6
 126 15.7 11.3 16.9



#82
 Chrysene
 Concen: 35.821 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:228 Resp: 495709
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.0 16.2 24.4

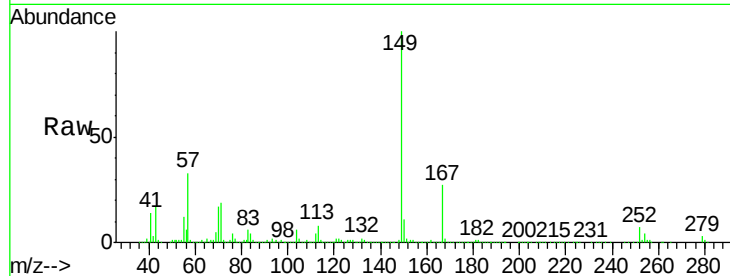




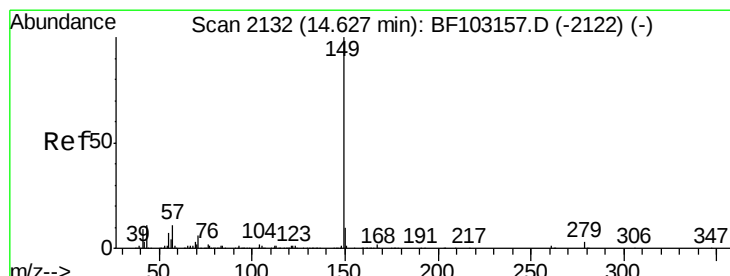
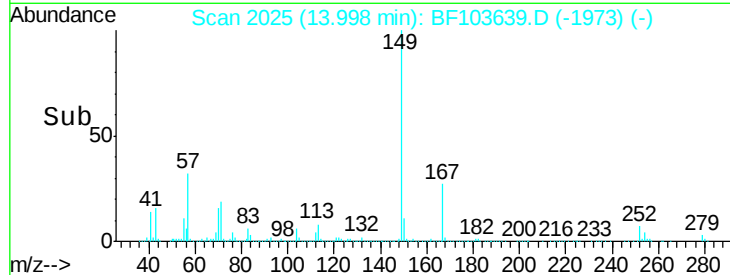
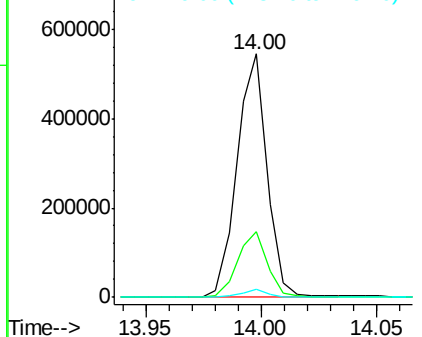
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.204 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 490901
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.2 3.0 4.4

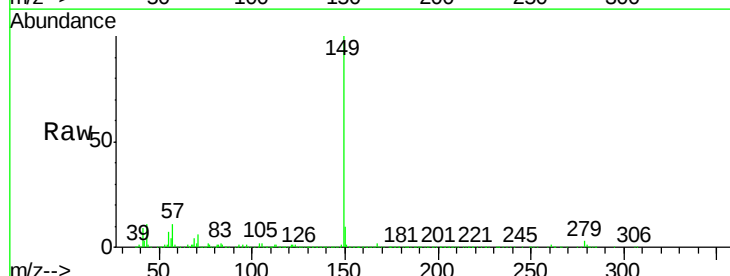


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

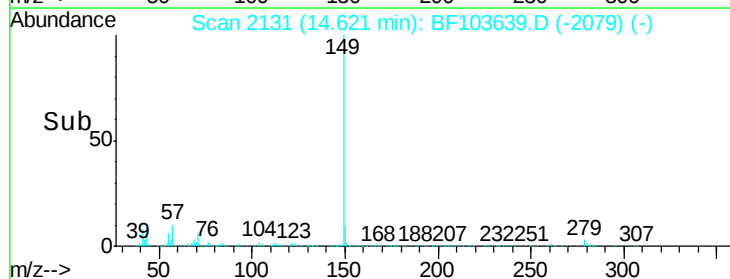
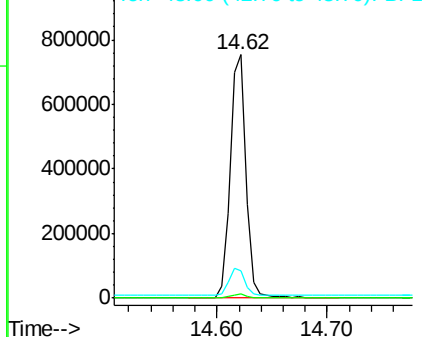


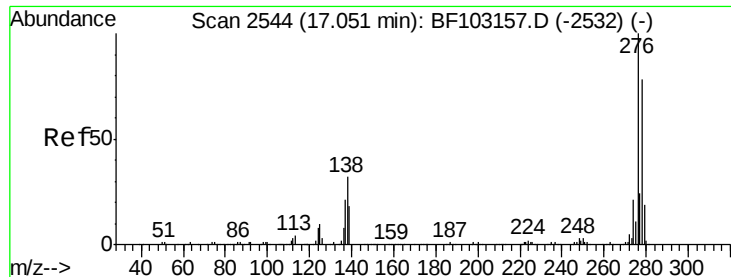
#84
 Di-n-octyl phthalate
 Concen: 38.345 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:149 Resp: 756472
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.771 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

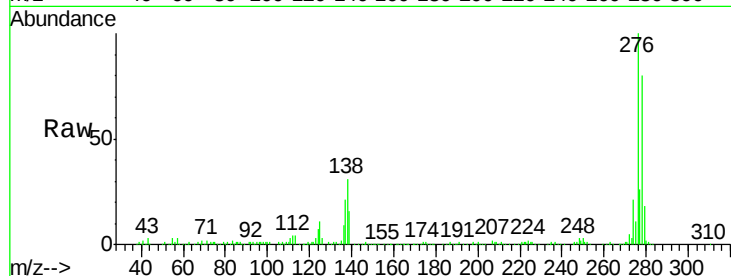
Tot Ion:276 Resp: 501450

Ion Ratio Lower Upper

276 100

138 33.0 25.0 37.6

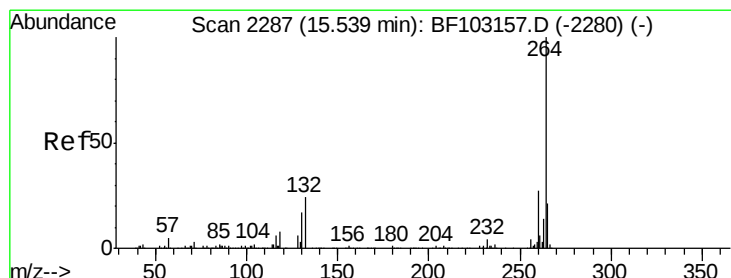
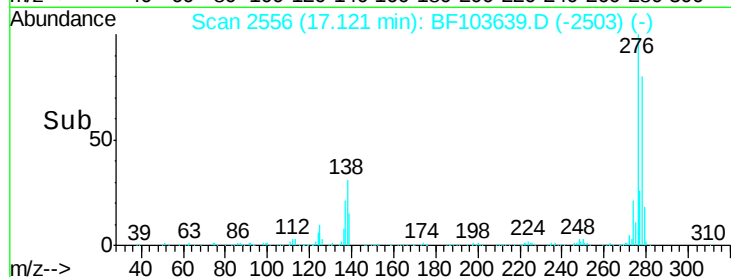
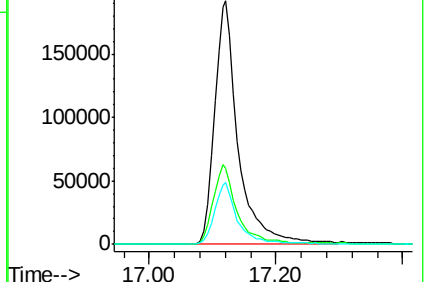
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

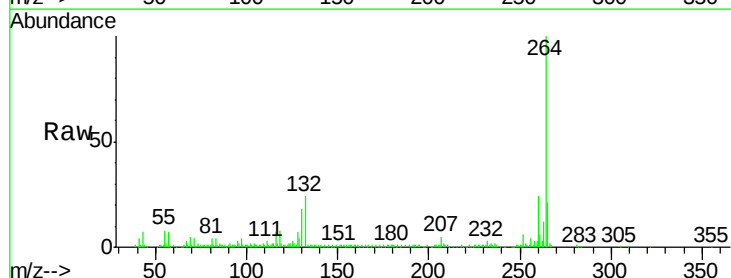
Tgt Ion:264 Resp: 218287

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

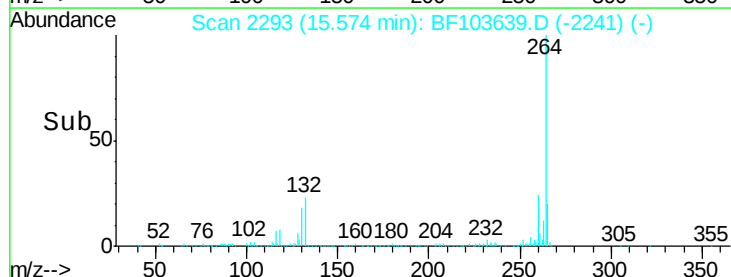
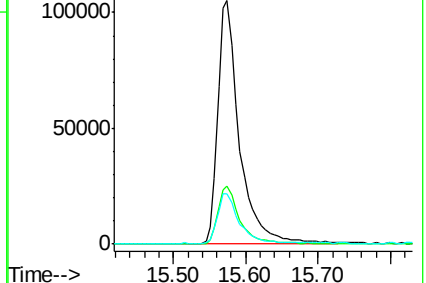
265 20.8 17.5 26.3

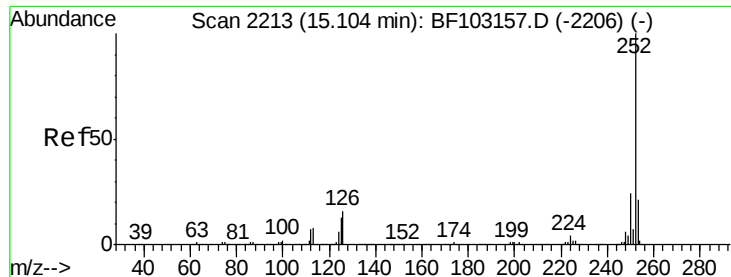


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

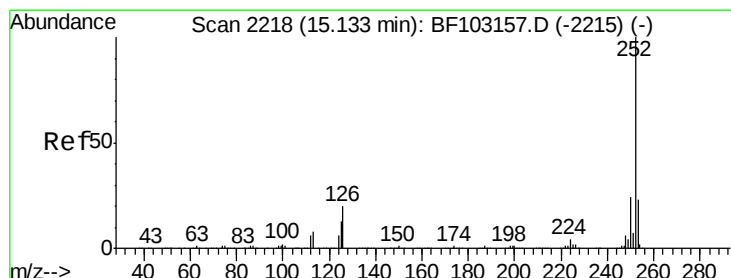
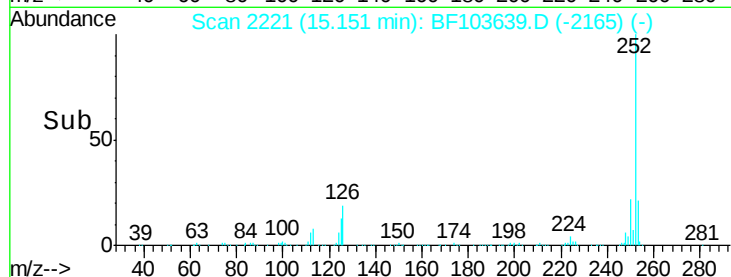
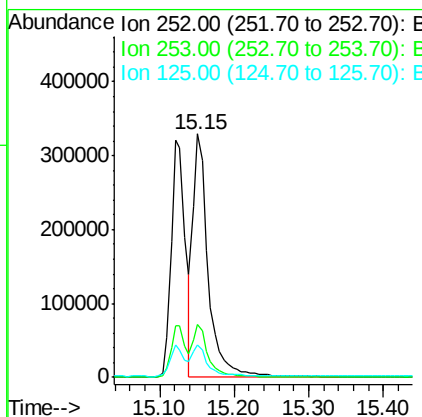
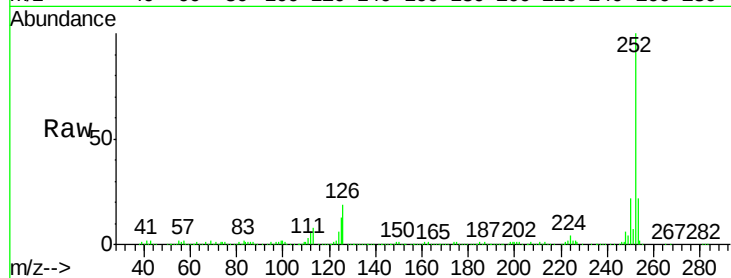




#87
Benzo(b)fluoranthene
Concen: 32.665 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

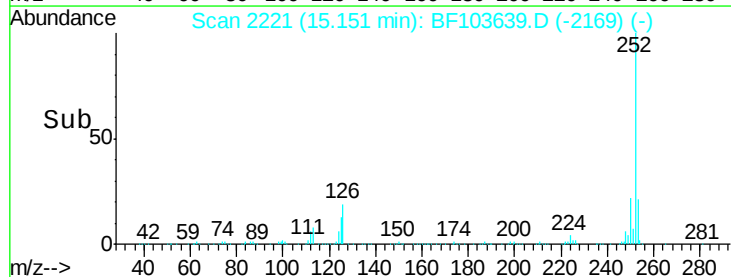
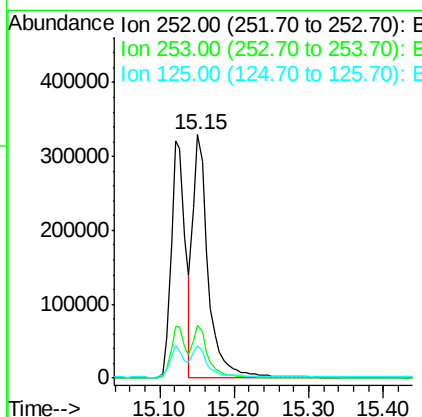
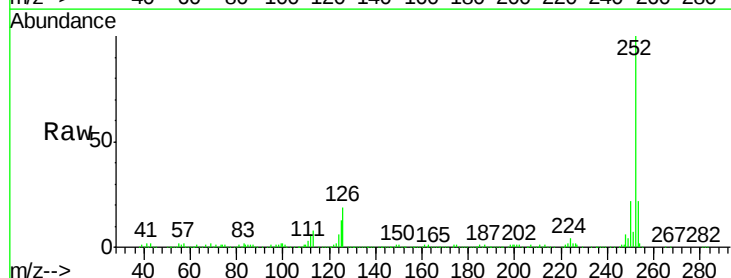
Instrument :
BNA_F
ClientSampleId :

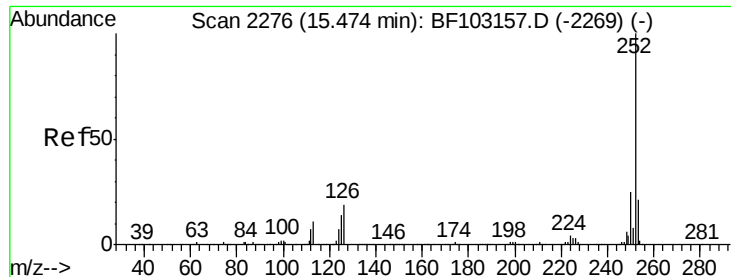
Tot Ion:252 Resp: 468816
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.689 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:252 Resp: 468816
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 13.2 10.2 15.2

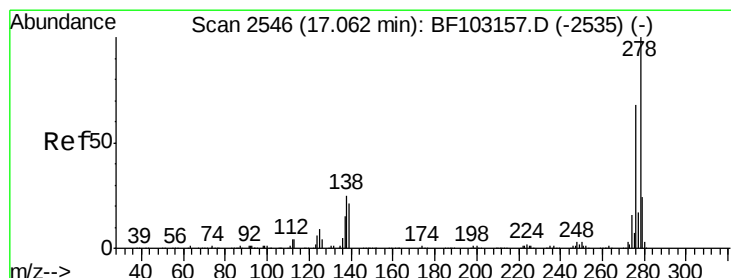
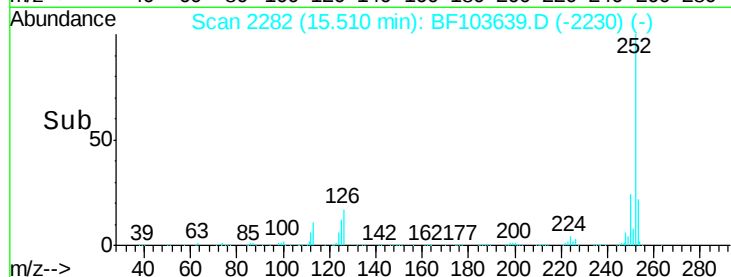
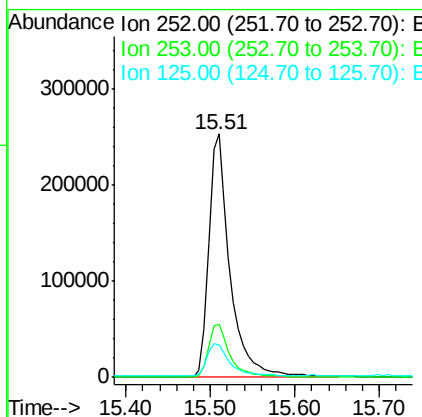
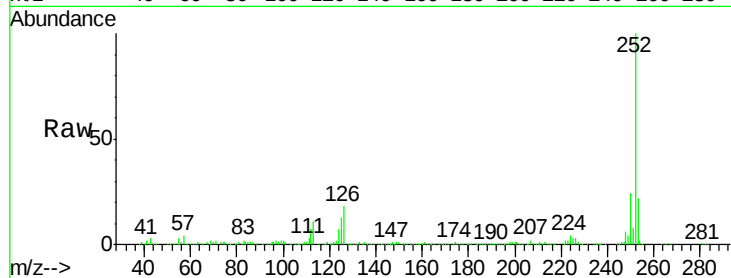




#89
Benzo(a)pyrene
Concen: 34.837 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

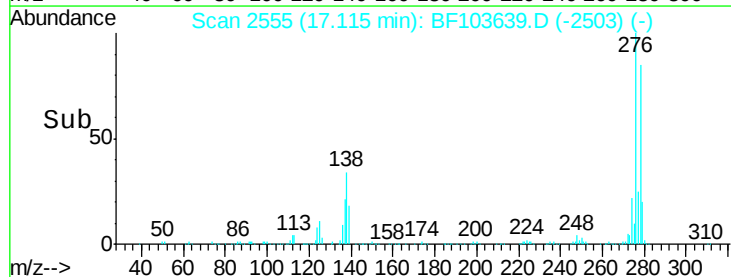
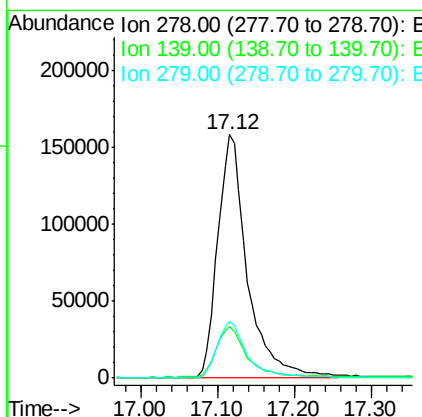
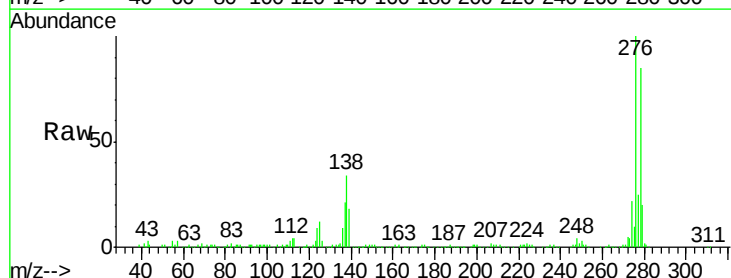
Instrument :
BNA_F
ClientSampleId :

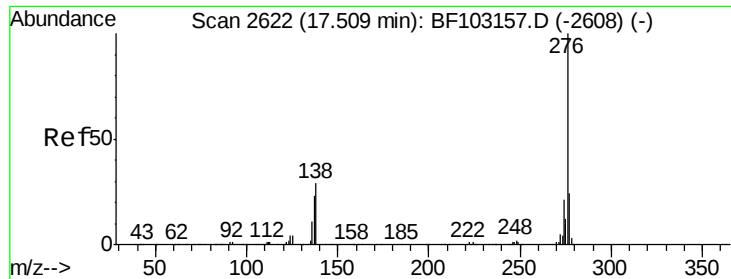
Tot Ion:252 Resp: 446490
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.926 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion:278 Resp: 425119
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.346 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

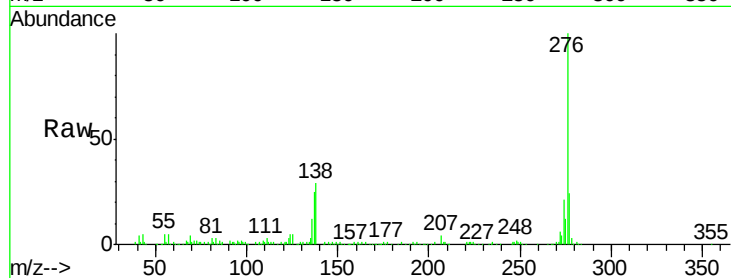
Tot Ion:276 Resp: 429226

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 29.1 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

