

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103623.D
 Acq On : 14 Mar 2018 1:54
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 03:17:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123451	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	527460	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	241985	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	419987	20.00	ng	0.00
75) Chrysene-d12	14.06	240	246377	20.00	ng	0.00
86) Perylene-d12	15.57	264	232947	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	623580	76.40	ng	0.00
7) Phenol-d6	6.50	99	799698	80.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	763489	82.66	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	148248	72.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1146880	80.64	ng	0.00
78) Terphenyl-d14	12.98	244	903219	88.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	148508	34.448	ng	93
3) Pyridine	3.40	79	267044	23.202	ng	98
4) n-Nitrosodimethylamine	3.38	42	64244	13.841	ng	# 86
6) Aniline	6.53	93	531211	36.852	ng	# 75
8) 2-Chlorophenol	6.65	128	346378	40.849	ng	93
9) Benzaldehyde	6.43	77	229614	37.004	ng	95
10) Phenol	6.52	94	509239	43.919	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	415550	47.220	ng	96
12) 1,3-Dichlorobenzene	6.80	146	386781	39.915	ng	97
13) 1,4-Dichlorobenzene	6.87	146	426211	43.871	ng	99
14) 1,2-Dichlorobenzene	7.03	146	368997	41.191	ng	99
15) Benzyl Alcohol	7.02	79	281432	37.393	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	574254	38.000	ng	57
17) 2-Methylphenol	7.12	107	301368	39.109	ng	# 76
18) Hexachloroethane	7.36	117	136484	38.591	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	283228	45.563	ng	94
20) 3+4-Methylphenols	7.28	107	398183	42.390	ng	# 33
22) Acetophenone	7.27	105	551038	44.757	ng	# 92
24) Nitrobenzene	7.45	77	446478	43.906	ng	95
25) Isophorone	7.68	82	743622	40.879	ng	96
26) 2-Nitrophenol	7.77	139	196739	41.097	ng	94
27) 2,4-Dimethylphenol	7.80	122	280610	38.349	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	439620	41.105	ng	99
29) 2,4-Dichlorophenol	8.02	162	289623	41.341	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	296384	39.728	ng	97
31) Naphthalene	8.16	128	1024521	39.674	ng	100
32) Benzoic acid	7.95	122	115211	25.079	ng	97
33) 4-Chloroaniline	8.23	127	459427	41.229	ng	97
34) Hexachlorobutadiene	8.26	225	146519	37.715	ng	97
35) Caprolactam	8.60	113	92595	37.607	ng	# 80
36) 4-Chloro-3-methylphenol	8.71	107	331447	41.945	ng	97
37) 2-Methylnaphthalene	8.85	142	671591	40.241	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	270459	40.883	ng	99
40) Hexachlorocyclopentadiene	8.99	237	5592	11.014	ng	98

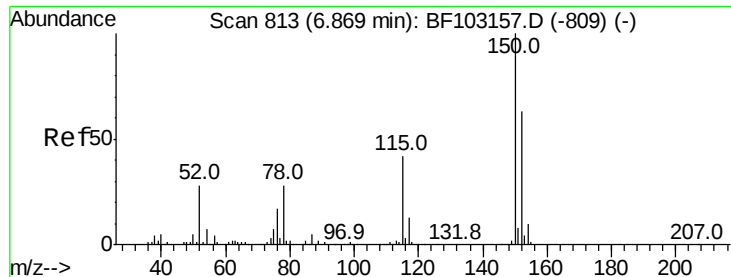
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103623.D
 Acq On : 14 Mar 2018 1:54
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	164148	36.876	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	188793	36.876	nq	97
45) 1,1'-Biphenyl	9.32	154	813793	40.133	nq	98
46) 2-Chloronaphthalene	9.35	162	645893	40.263	nq	99
47) 2-Nitroaniline	9.46	65	264585	44.526	nq	88
48) Acenaphthylene	9.76	152	967744	39.208	nq	99
49) Dimethylphthalate	9.62	163	733124	37.766	nq	99
50) 2,6-Dinitrotoluene	9.69	165	156257	38.357	nq #	65
51) Acenaphthene	9.93	154	568862	39.525	nq	100
52) 3-Nitroaniline	9.88	138	212969	41.205	nq	95
53) 2,4-Dinitrophenol	10.05	184	18418	20.632	nq #	28
54) Dibenzofuran	10.10	168	800238	40.504	nq	93
55) 4-Nitrophenol	10.10	139	428641	133.813	nq #	15
56) 2,4-Dinitrotoluene	10.12	165	205161	39.820	nq #	81
57) Fluorene	10.45	166	658458	39.123	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	139305	40.505	nq	95
59) Diethylphthalate	10.31	149	743181	40.028	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	290512	40.704	nq	95
61) 4-Nitroaniline	10.50	138	203780	39.474	nq	99
62) Azobenzene	10.60	77	801088	42.389	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	50427	22.645	nq #	81
65) n-Nitrosodiphenylamine	10.56	169	576061	39.393	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	167815	38.358	nq	97
67) Hexachlorobenzene	11.00	284	179051	37.706	nq	97
68) Atrazine	11.09	200	162435	36.956	nq	98
69) Pentachlorophenol	11.22	266	49530	21.572	nq	93
70) Phenanthrene	11.42	178	881204	38.126	nq	99
71) Anthracene	11.47	178	969364	40.900	nq	99
72) Carbazole	11.64	167	975299	41.322	nq	99
73) Di-n-butylphthalate	11.94	149	1208392	40.916	nq	99
74) Fluoranthene	12.62	202	860167	37.034	nq	98
76) Benzidine	12.75	184	329809	35.807	nq	99
77) Pyrene	12.85	202	863337	44.944	nq	99
79) Butylbenzylphthalate	13.45	149	483979	47.688	nq	97
80) Benzo(a)anthracene	14.04	228	597749	37.392	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	220054	38.572	nq	98
82) Chrysene	14.08	228	640297	41.251	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	621527	45.381	nq	99
84) Di-n-octyl phthalate	14.62	149	1004644	45.402	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	539243	43.883	nq	98
87) Benzo(b)fluoranthene	15.12	252	500381	32.670	nq	98
88) Benzo(k)fluoranthene	15.15	252	607929	42.151	nq	99
89) Benzo(a)pyrene	15.50	252	516544	37.767	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	459154	43.445	nq	97
91) Benzo(g,h,i)perylene	17.59	276	443546	42.941	nq	97

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

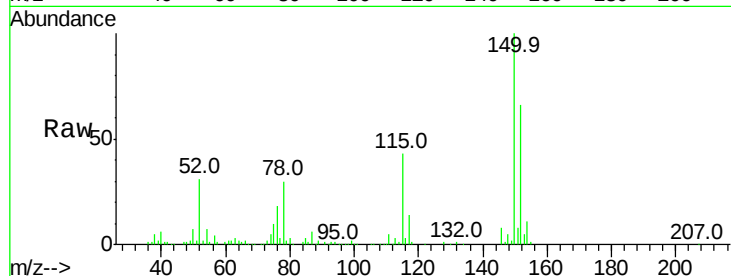


#1

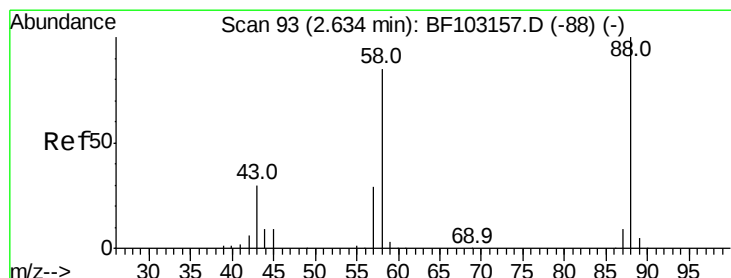
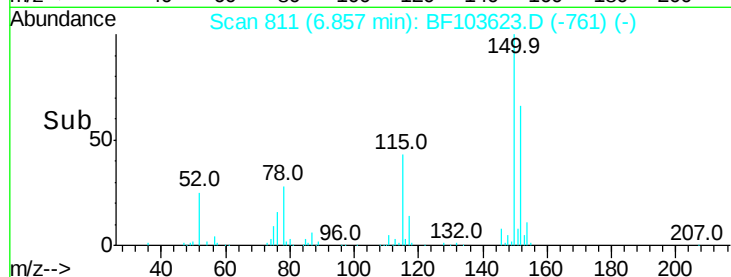
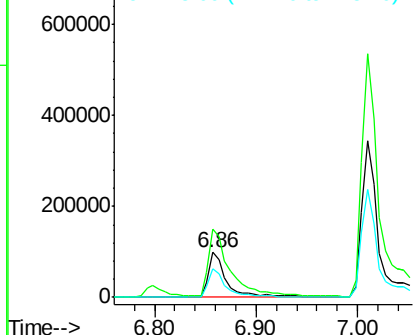
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123451
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 65.3 50.1 75.1



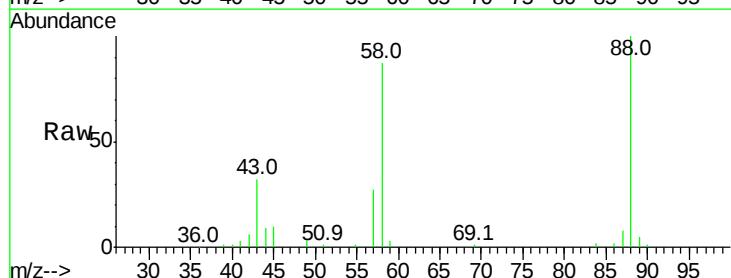
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



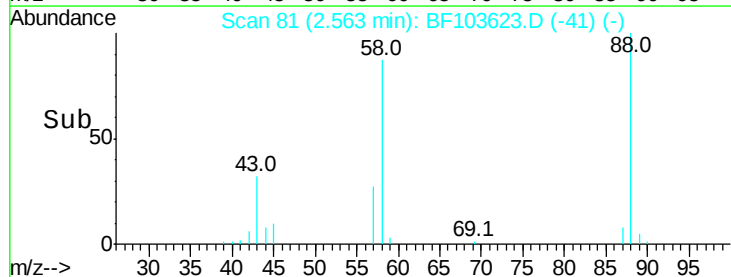
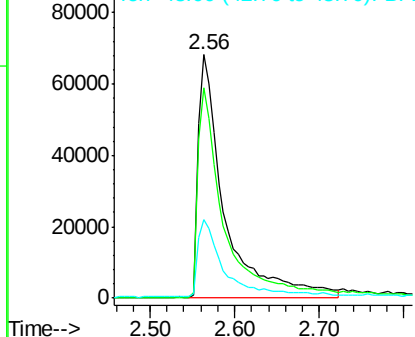
#2

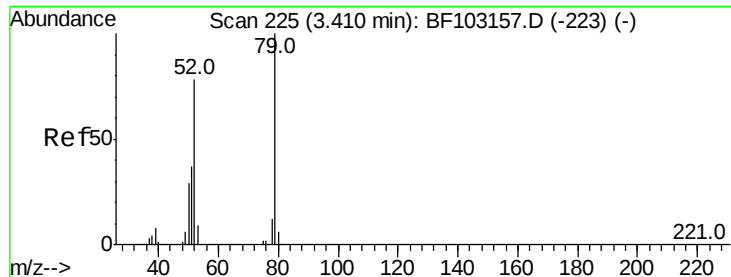
1,4-Dioxane
Concen: 34.448 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.06 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion: 88 Resp: 148508
Ion Ratio Lower Upper
88 100
58 86.0 62.6 93.8
43 32.0 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: 23.202 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.02 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

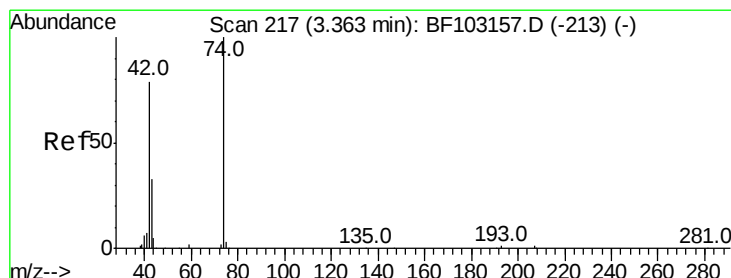
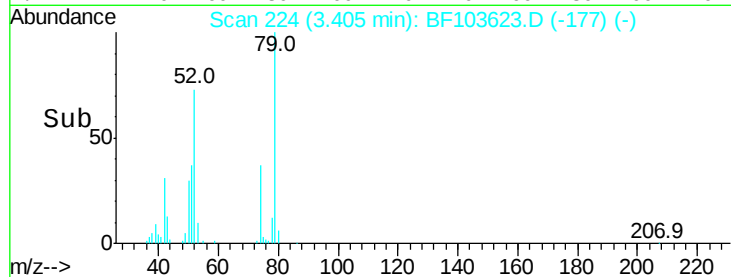
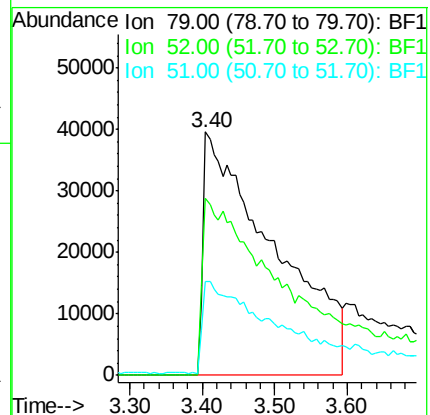
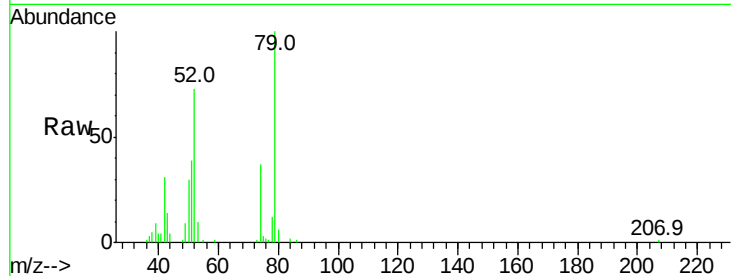
Tot Ion: 79 Resp: 267044

Ion Ratio Lower Upper

79 100

52 72.8 59.8 89.6

51 38.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 13.841 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

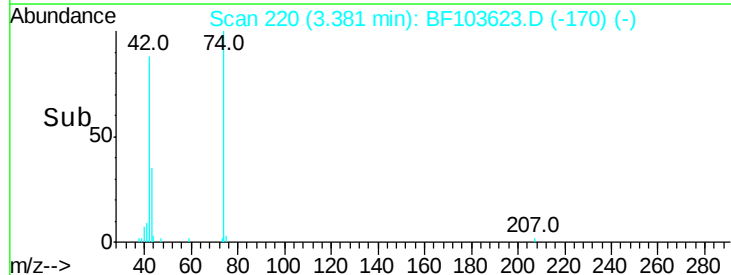
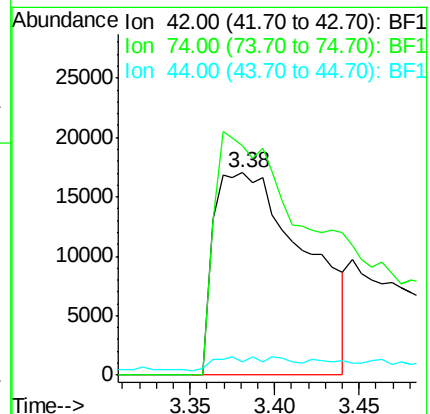
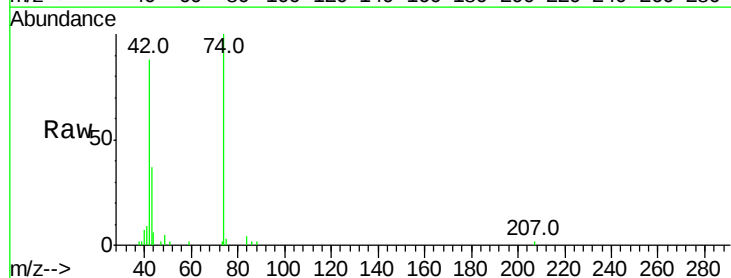
Tgt Ion: 42 Resp: 64244

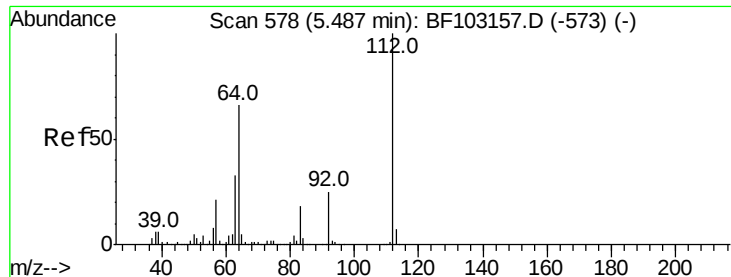
Ion Ratio Lower Upper

42 100

74 113.6 104.9 157.3

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 76.396 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

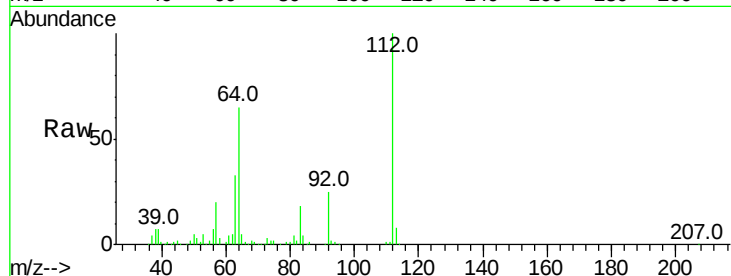
Tot Ion:112 Resp: 623580

Ion Ratio Lower Upper

112 100

64 65.1 47.9 71.9

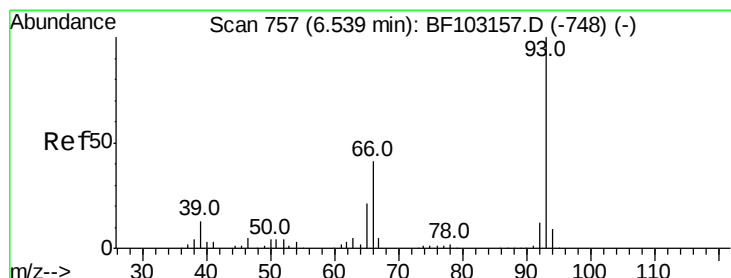
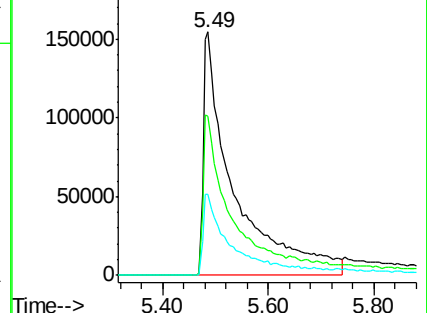
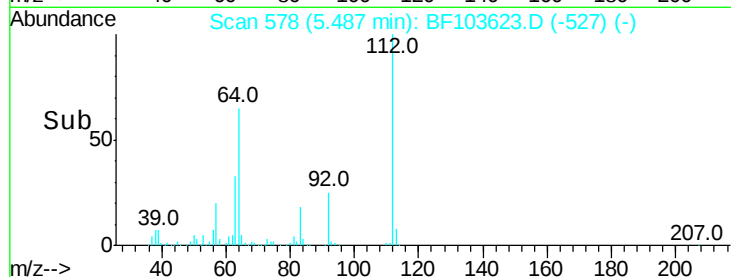
63 33.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.852 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

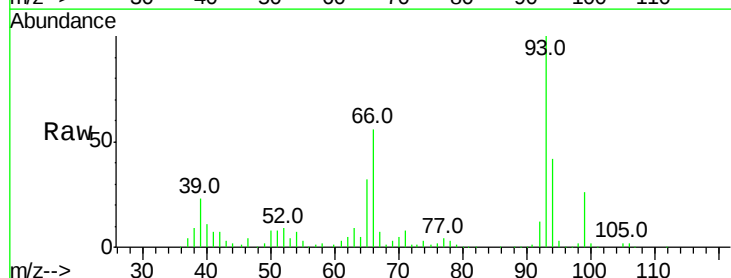
Tgt Ion: 93 Resp: 531211

Ion Ratio Lower Upper

93 100

66 56.2 32.2 48.2#

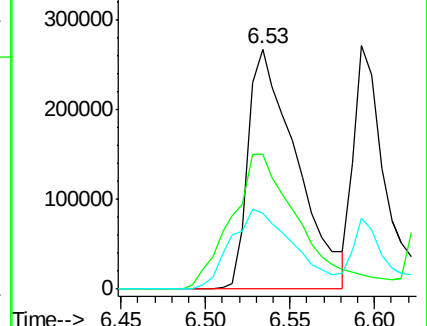
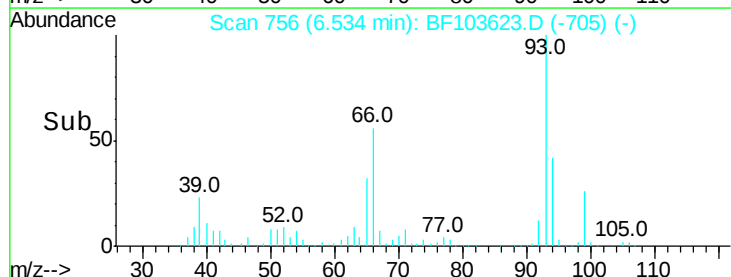
65 31.8 16.4 24.6#

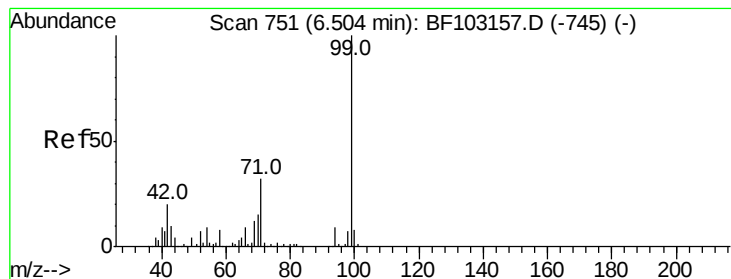


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.066 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

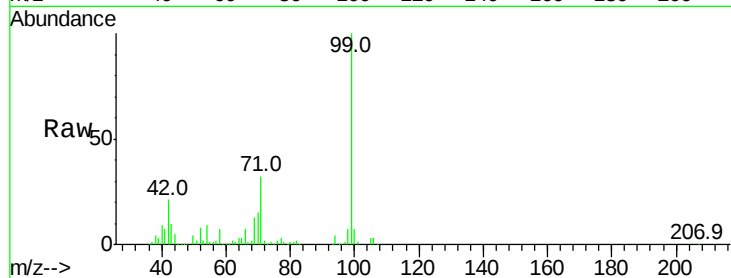
Tot Ion: 99 Resp: 799698

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

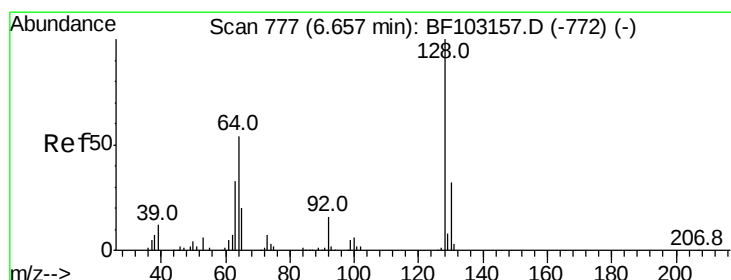
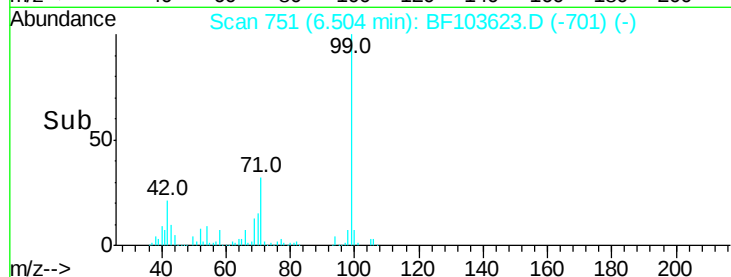
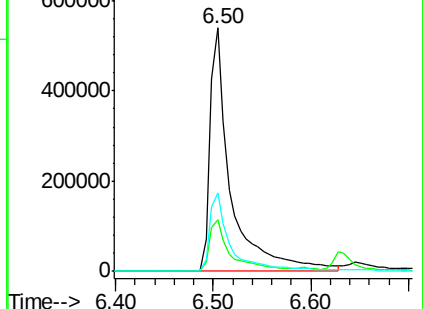
71 32.1 25.4 38.0



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: 40.849 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

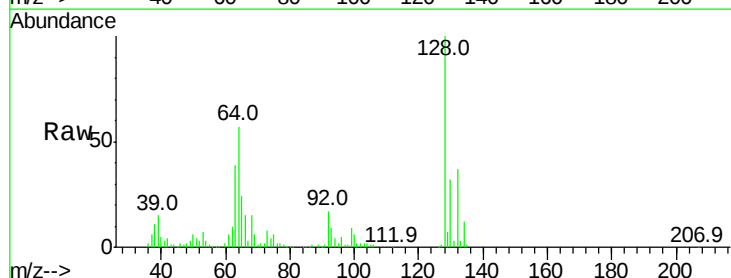
Tgt Ion: 128 Resp: 346378

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

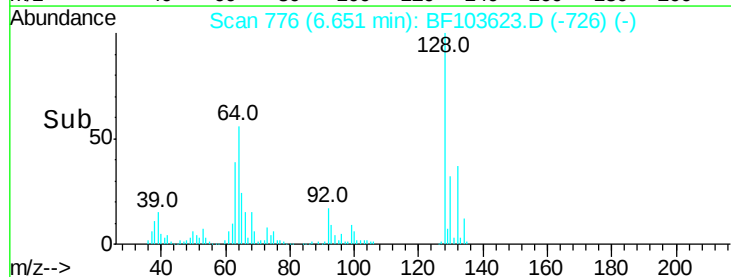
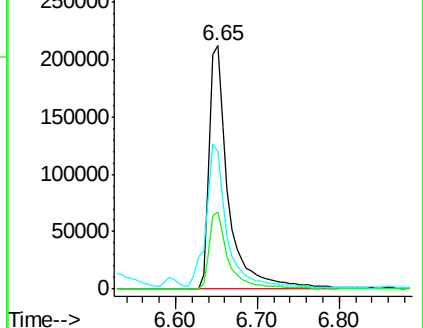
64 56.6 29.4 69.4

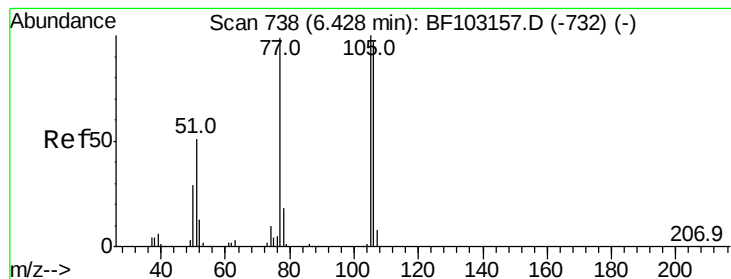


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.004 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

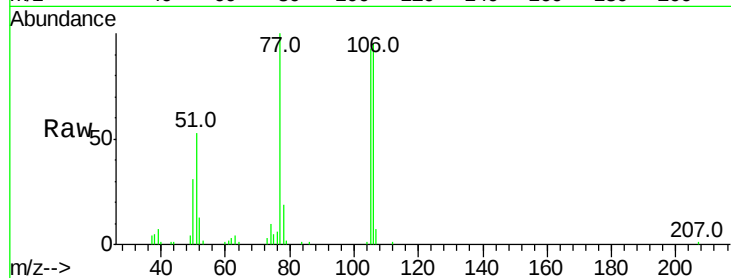
Tot Ion: 77 Resp: 229614

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

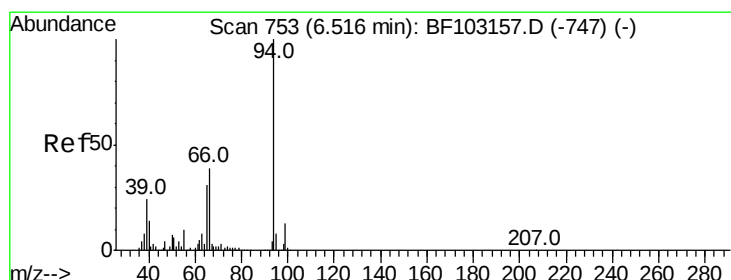
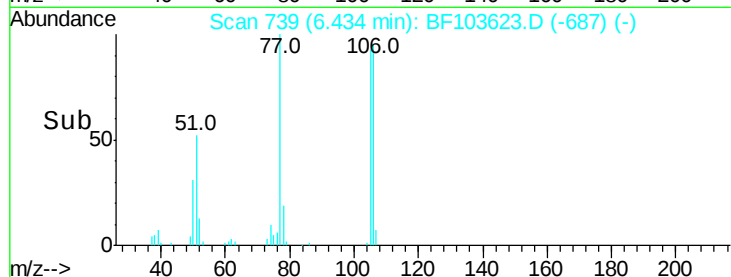
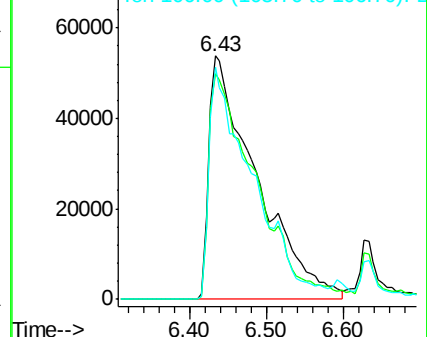
106 95.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.919 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

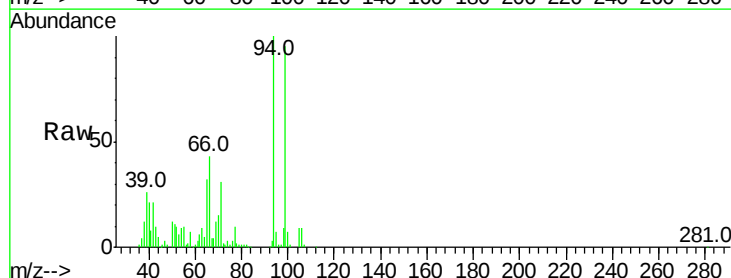
Tgt Ion: 94 Resp: 509239

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

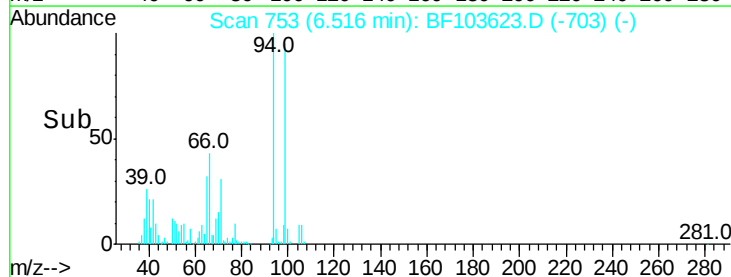
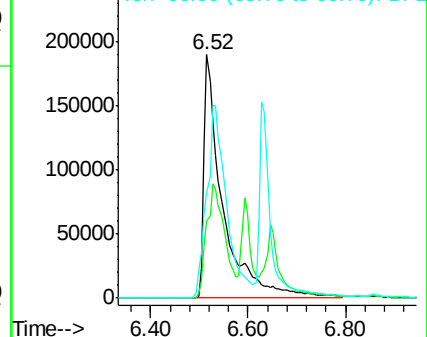
66 43.2 16.2 56.2

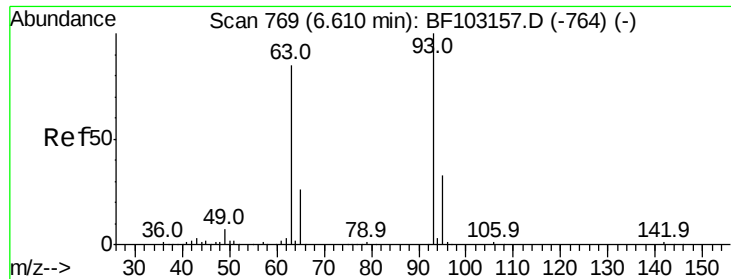


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.220 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

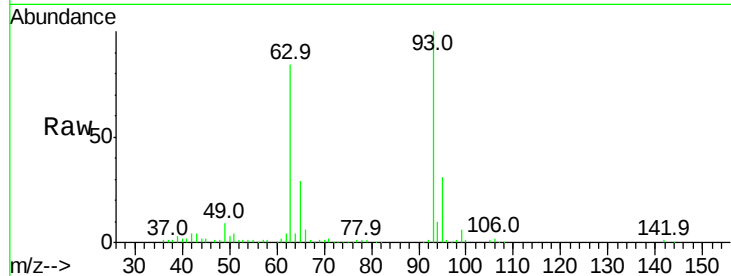
Tot Ion: 93 Resp: 415550

Ion Ratio Lower Upper

93 100

63 83.8 58.6 98.6

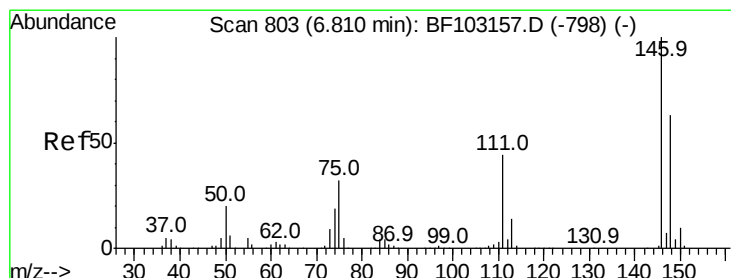
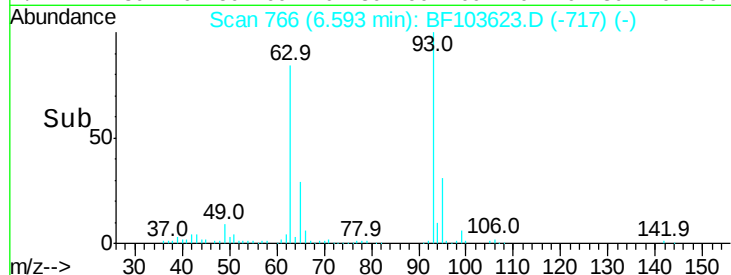
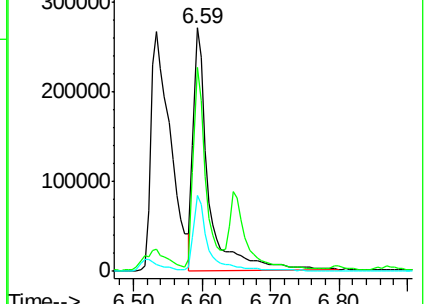
95 31.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.915 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

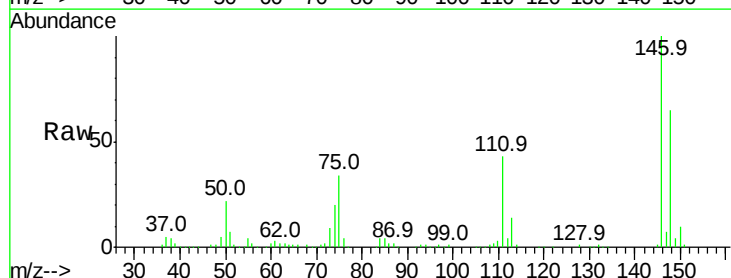
Tgt Ion: 146 Resp: 386781

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

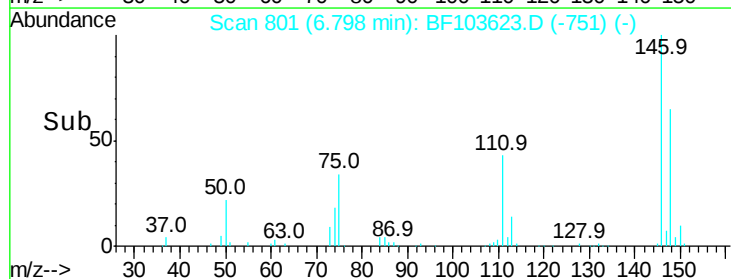
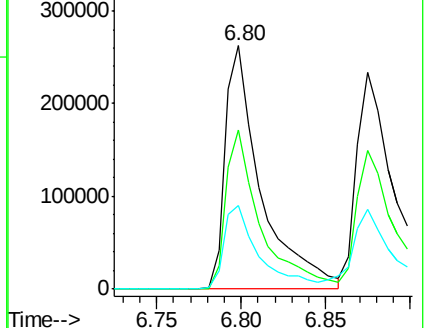
75 34.1 24.2 36.4

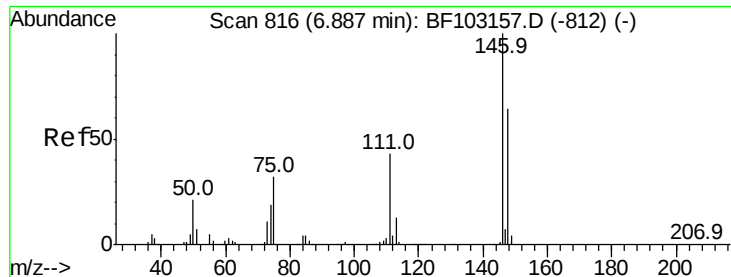


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

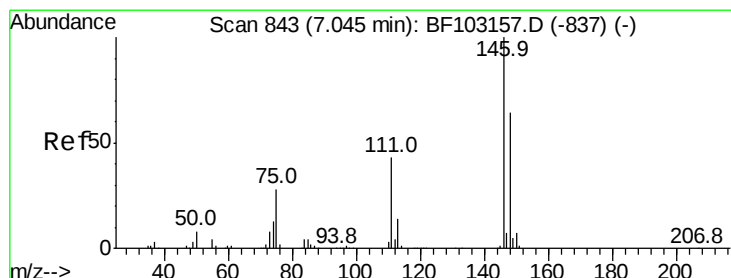
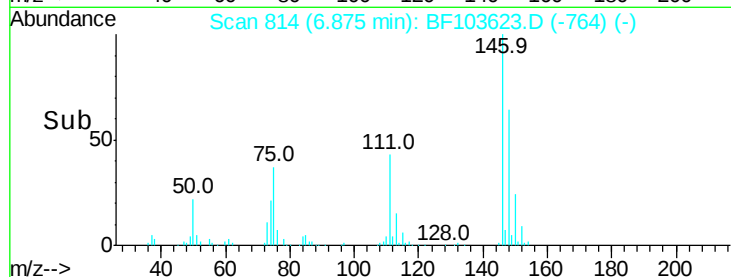
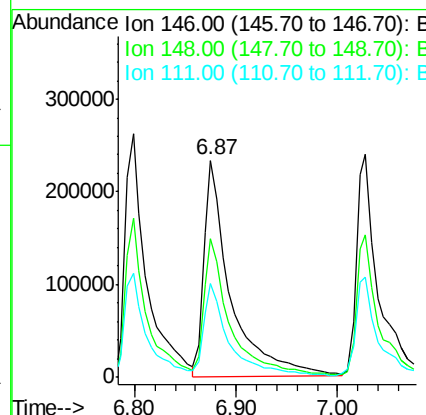
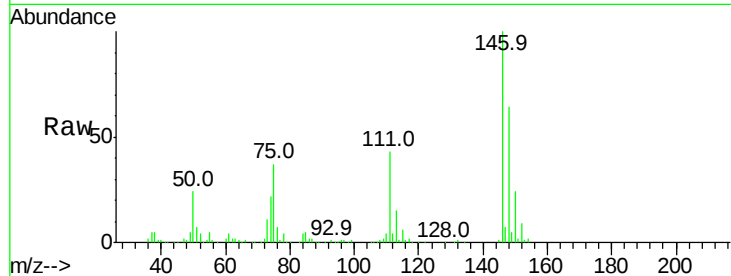




#13
 1,4-Dichlorobenzene
 Concen: 43.871 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

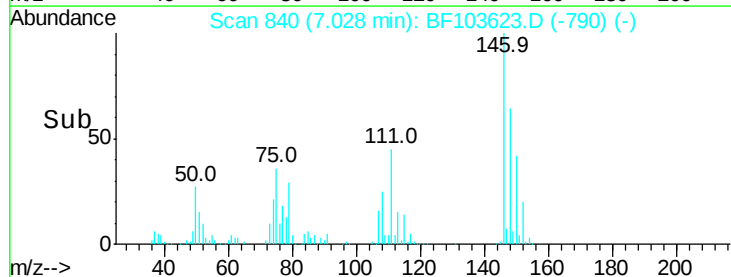
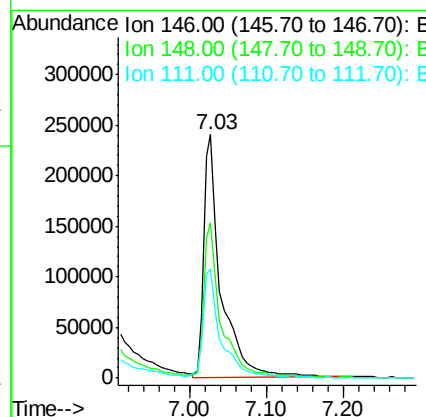
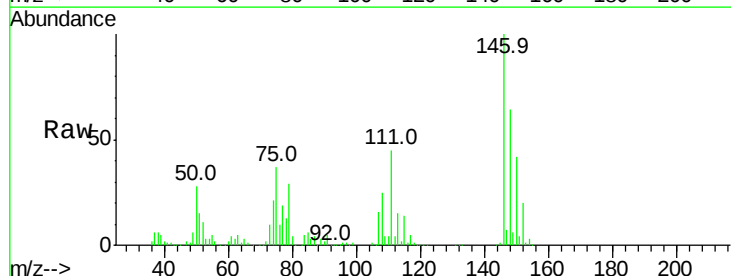
Instrument :
 BNA_F
 ClientSampleId :

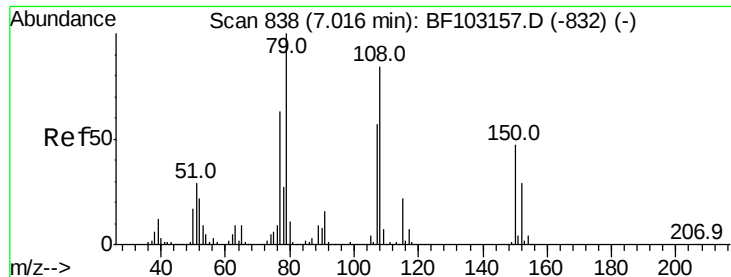
Tot Ion:146 Resp: 426211
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.191 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:146 Resp: 368997
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 45.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.393 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

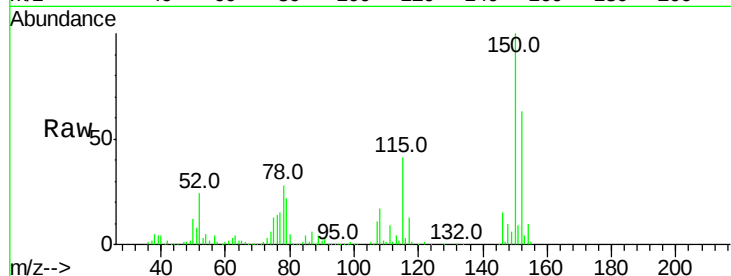
Tot Ion: 79 Resp: 281432

Ion Ratio Lower Upper

79 100

108 76.8 65.1 97.7

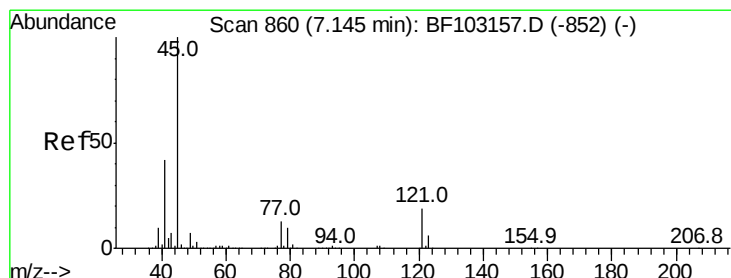
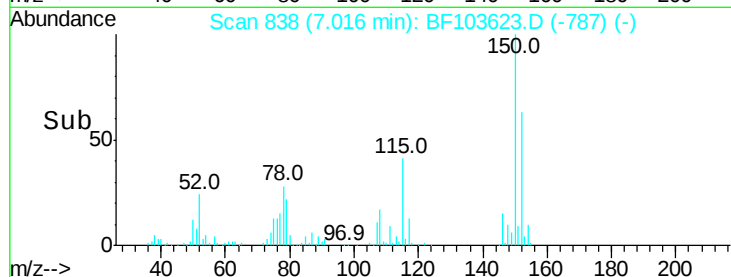
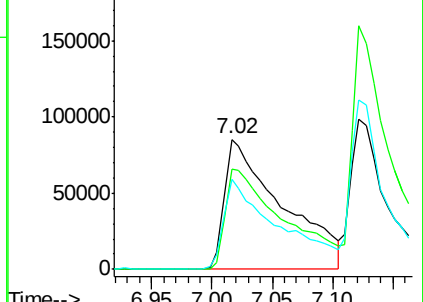
77 69.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.000 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

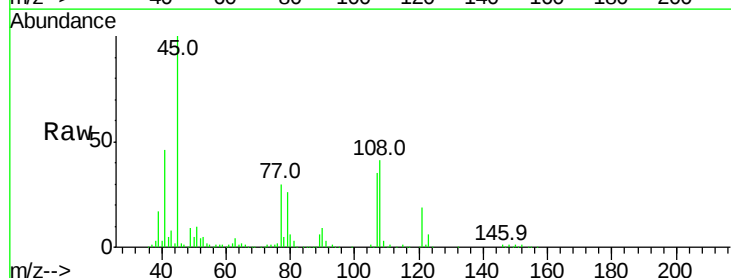
Tgt Ion: 45 Resp: 574254

Ion Ratio Lower Upper

45 100

77 29.7 0.0 32.9

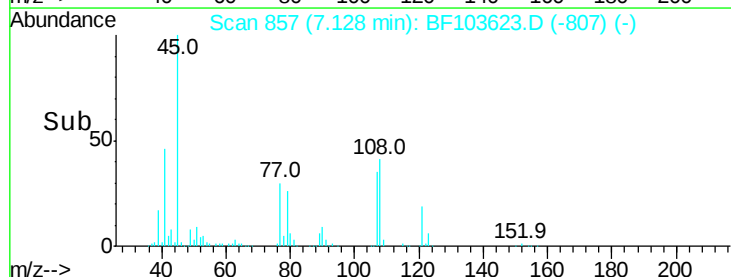
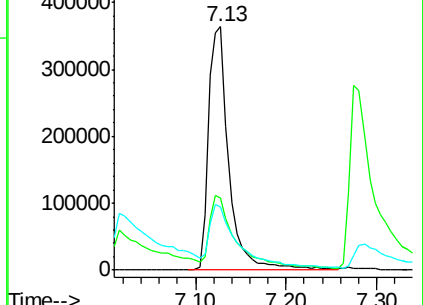
79 26.0 0.0 29.6

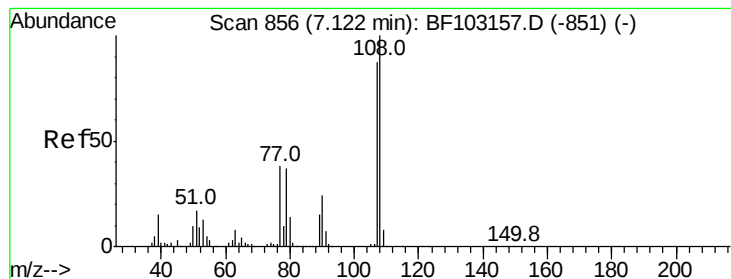


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

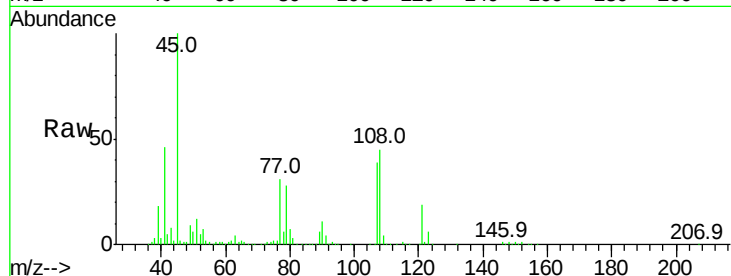




#17
2-Methylphenol
Concen: 39.109 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.7	137.5
77	80.9	33.8	50.8#
79	71.8	33.8	50.8#



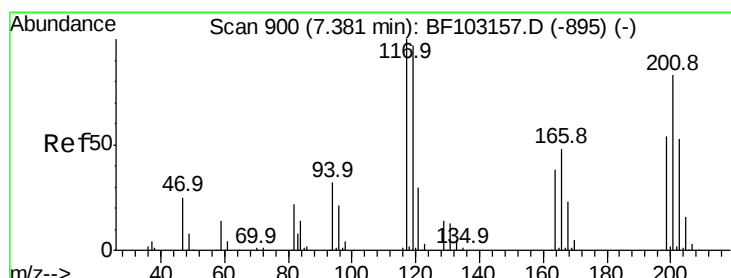
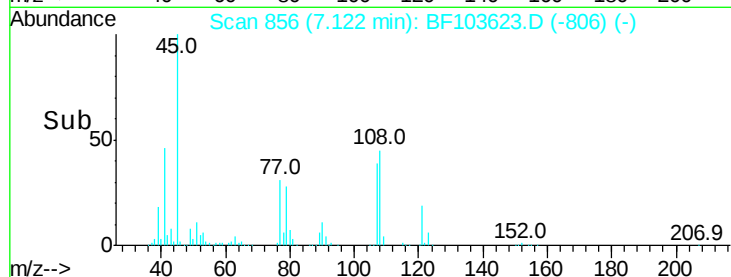
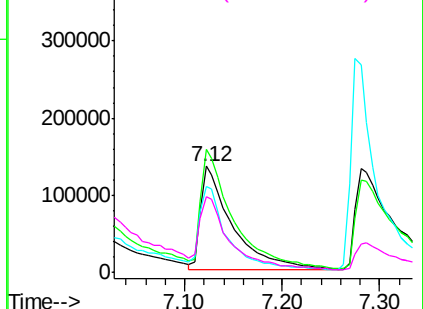
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

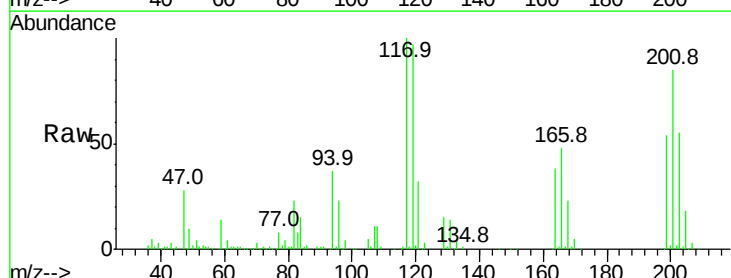
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.591 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	85.3	75.7	113.5

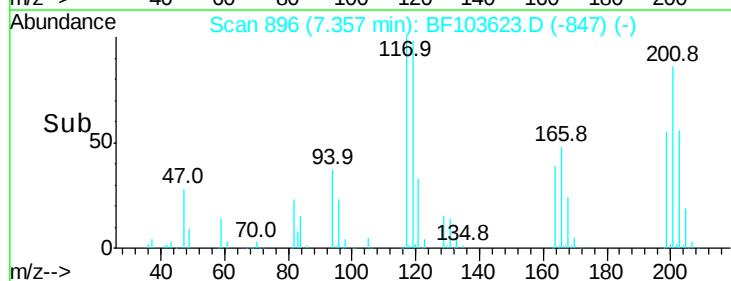
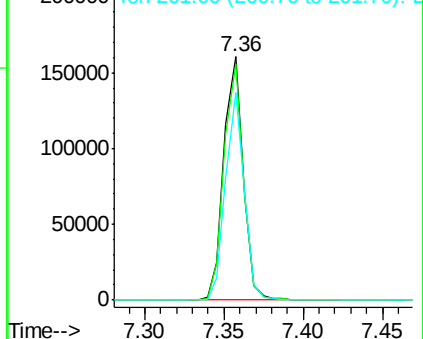


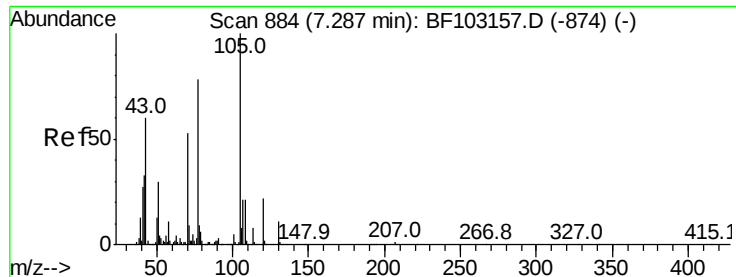
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.563 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

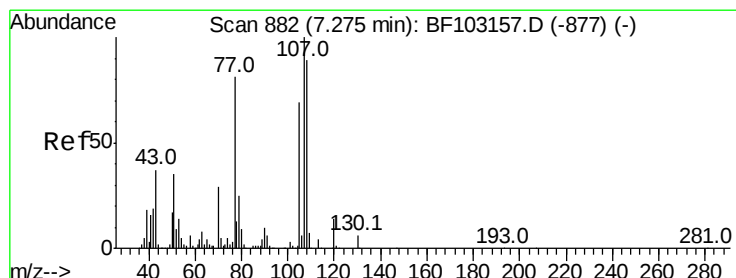
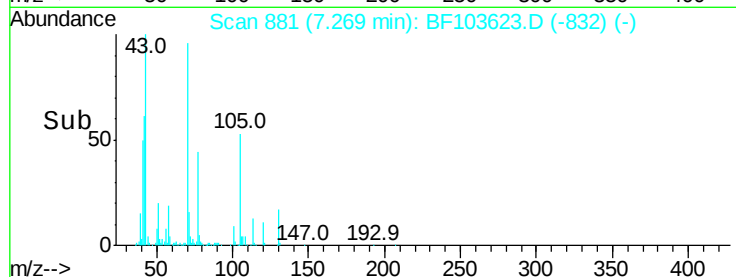
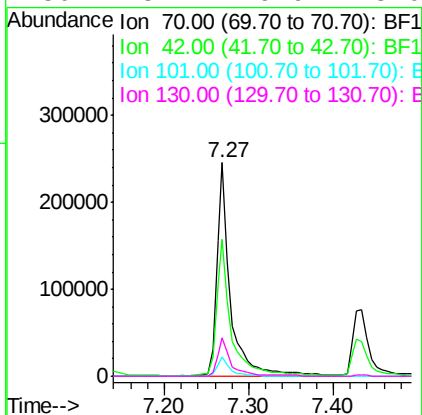
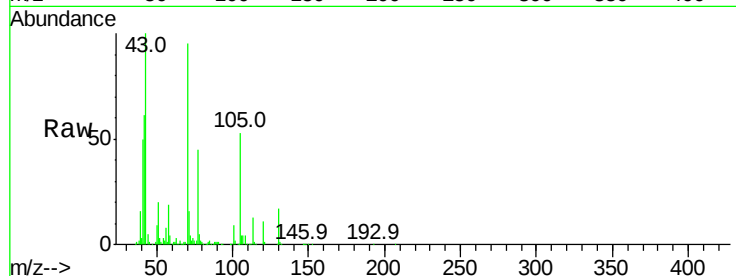
Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 283228

Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.5	71.3
101	9.2	7.4	11.2
130	18.1	16.6	25.0



#20

3+4-Methylphenols

Concen: 42.390 ng

RT: 7.28 min Scan# 883

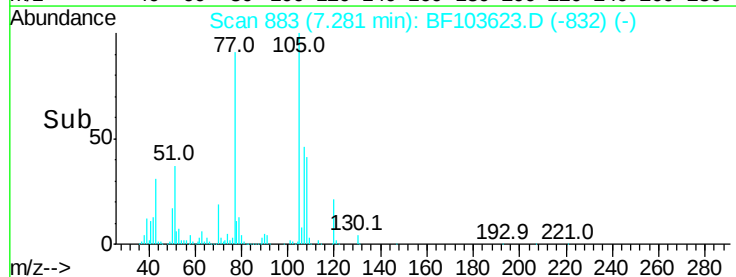
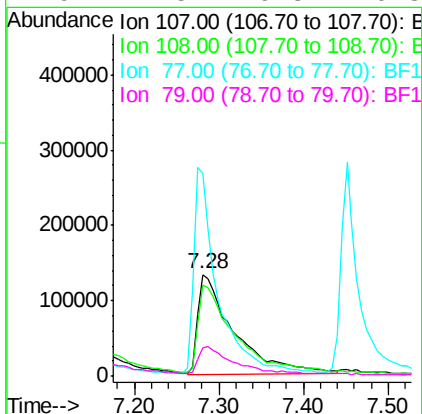
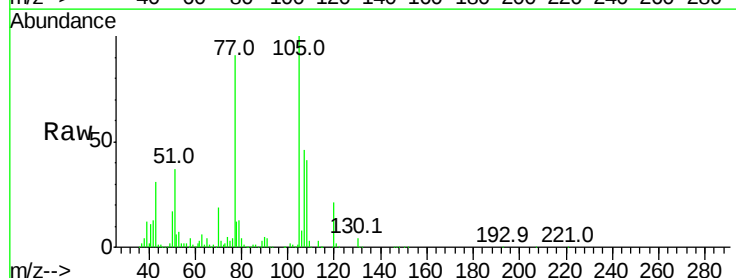
Delta R.T. 0.00 min

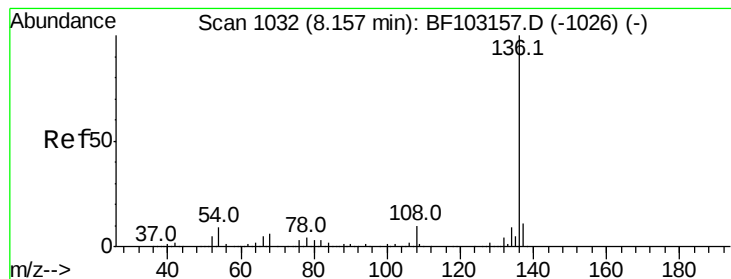
Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Tgt Ion: 107 Resp: 398183

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	199.6	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 527460

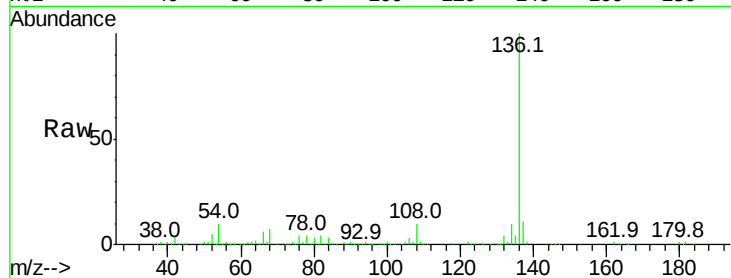
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 6.6 5.0 7.4

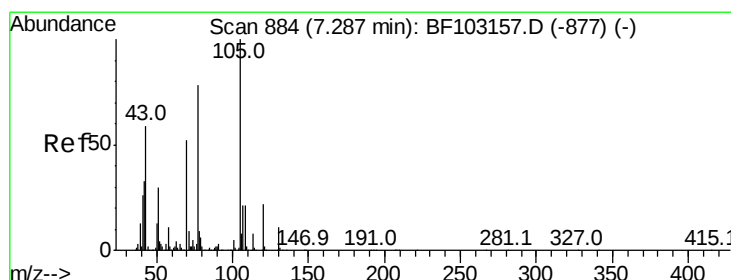
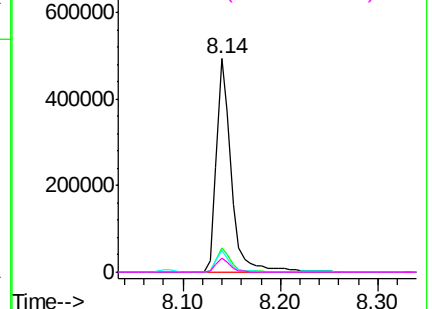
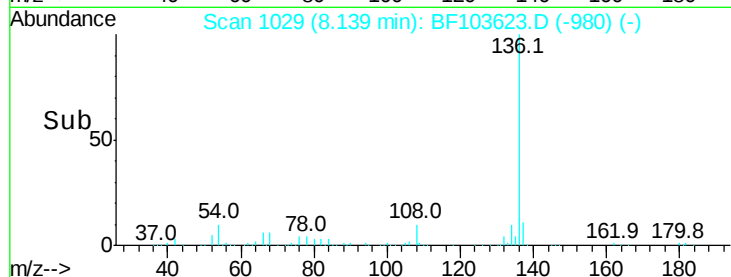


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.757 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Tgt Ion:105 Resp: 551038

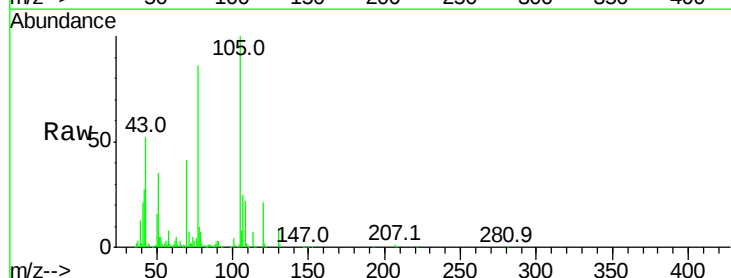
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 35.3 22.3 33.5#

120 21.0 16.9 25.3

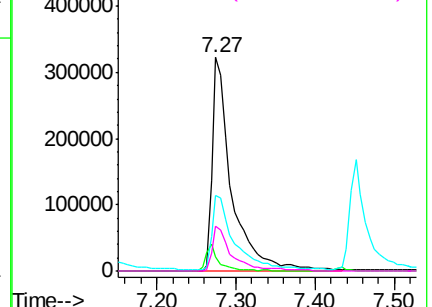
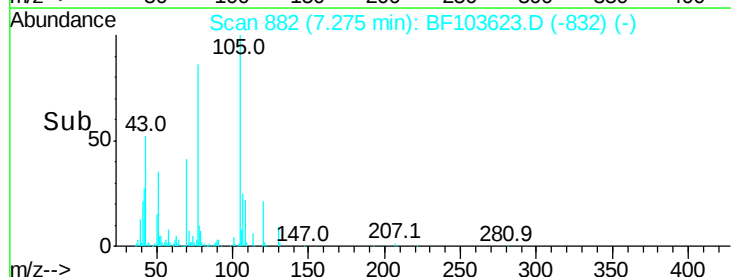


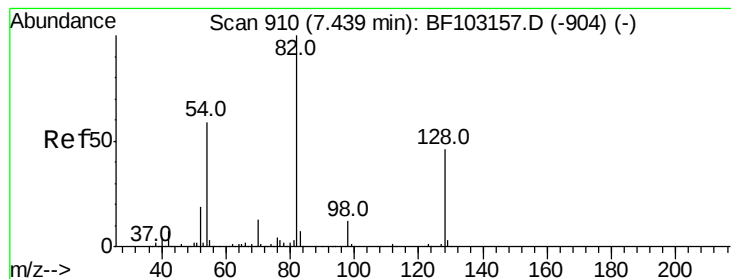
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.663 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

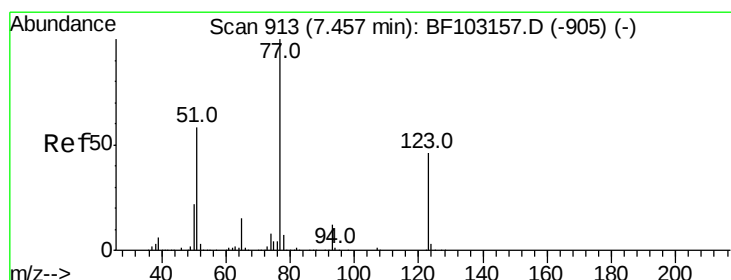
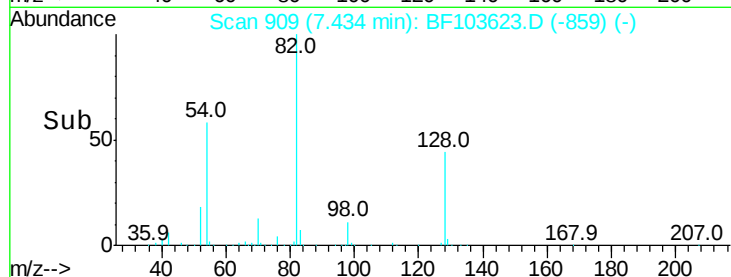
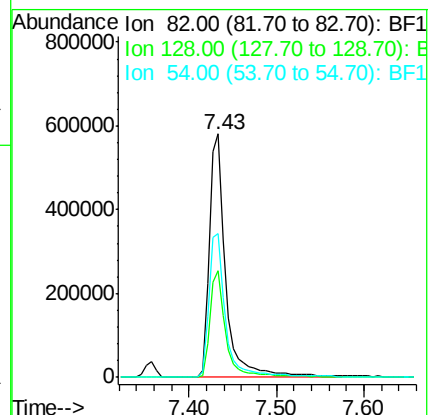
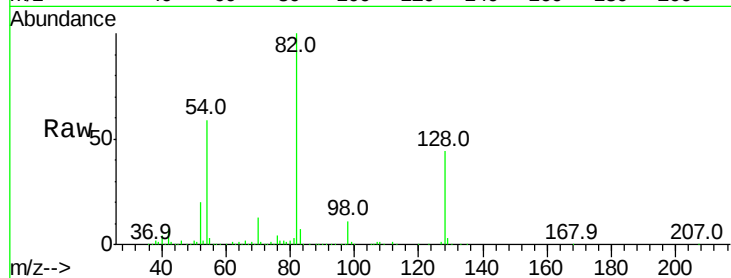
Tot Ion: 82 Resp: 763489

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

54 58.9 41.4 62.2



#24

Nitrobenzene

Concen: 43.906 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

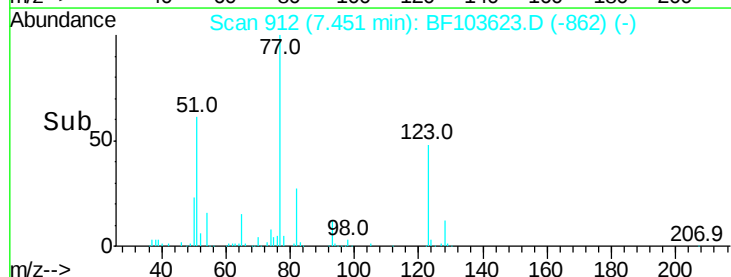
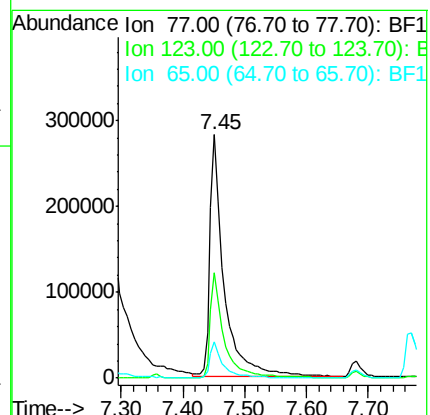
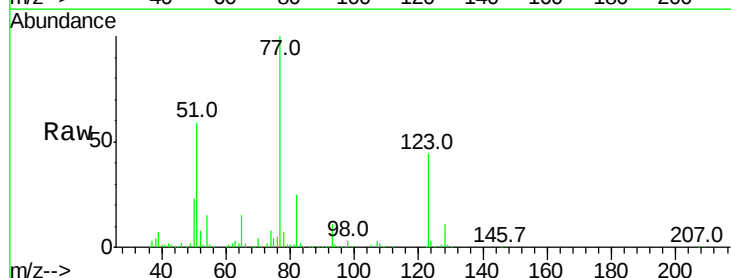
Tgt Ion: 77 Resp: 446478

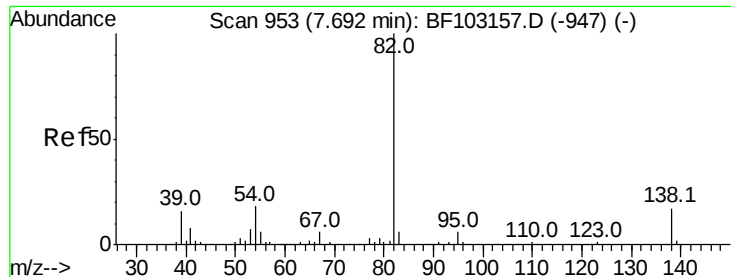
Ion Ratio Lower Upper

77 100

123 43.5 37.9 56.9

65 14.7 11.0 16.4





#25

Isophorone

Concen: 40.879 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

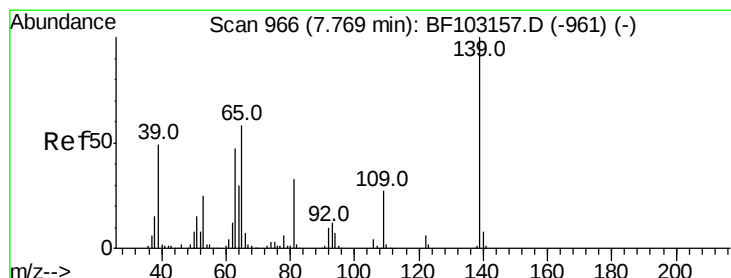
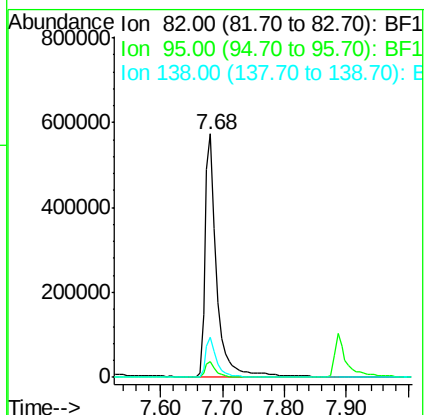
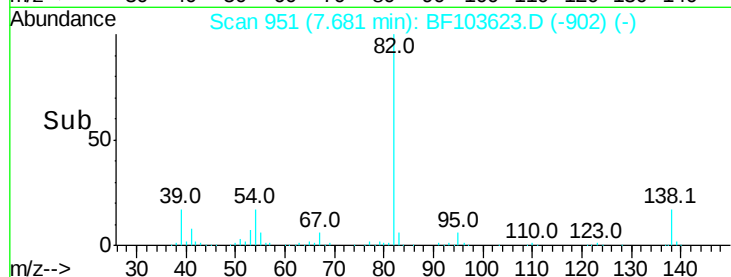
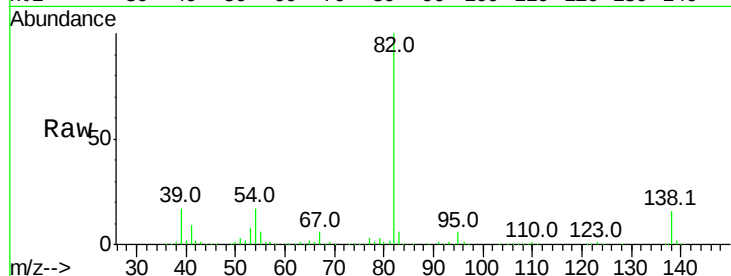
Tot Ion: 82 Resp: 743622

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.5 14.9 22.3



#26

2-Nitrophenol

Concen: 41.097 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

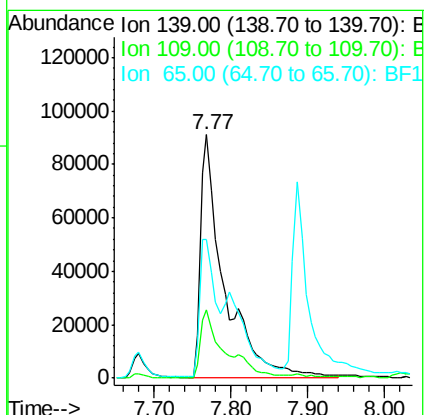
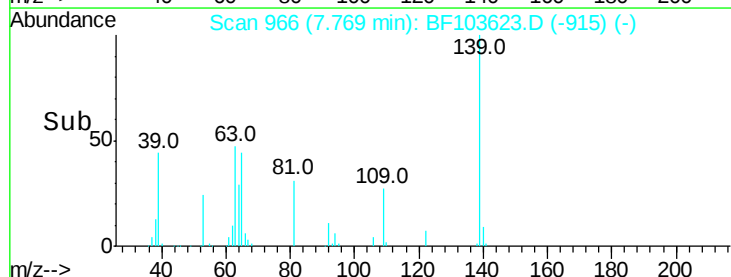
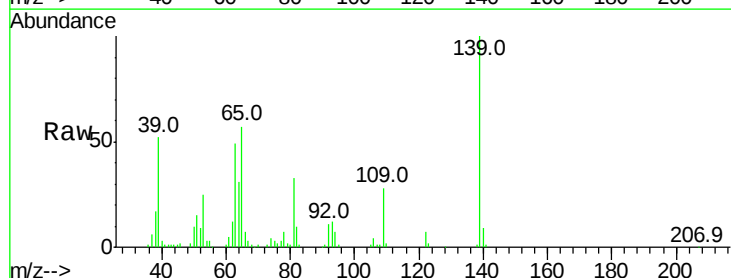
Tgt Ion: 139 Resp: 196739

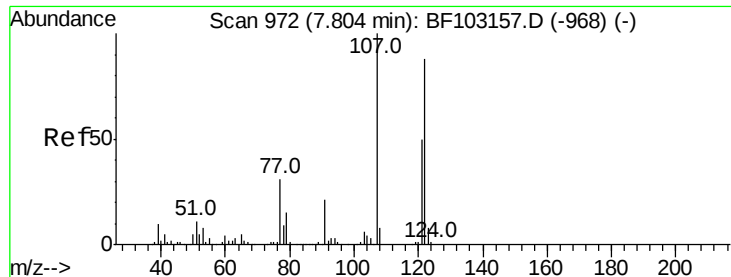
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 57.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.349 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

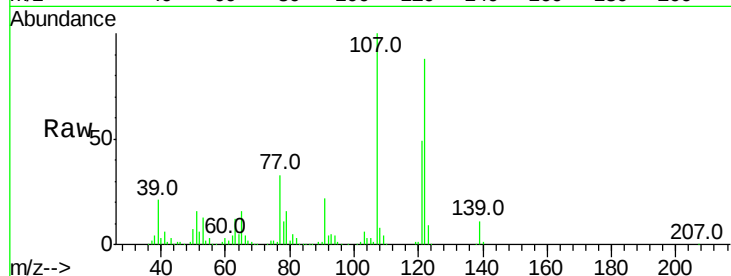
Tot Ion:122 Resp: 280610

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

121 55.7 47.2 70.8

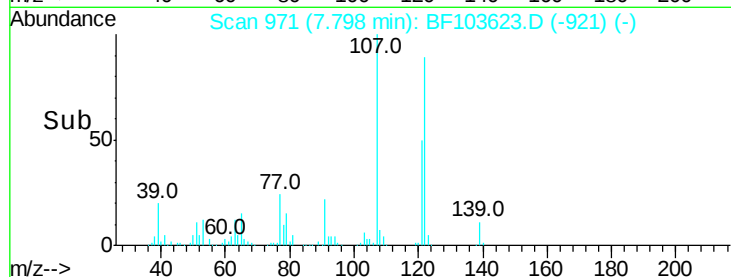


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

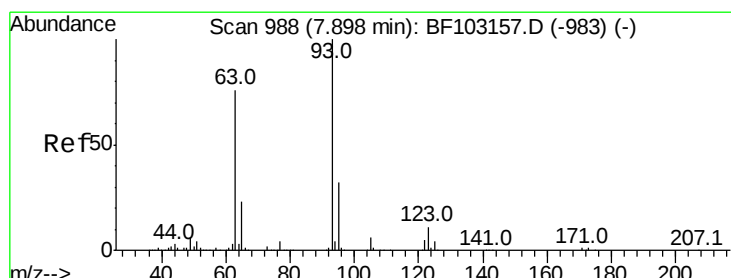
Ion 121.00 (120.70 to 121.70): E

Time-->



7.80

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 41.105 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

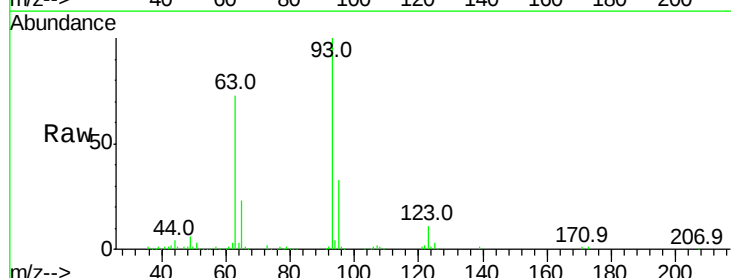
Tgt Ion: 93 Resp: 439620

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.0 9.8 14.6

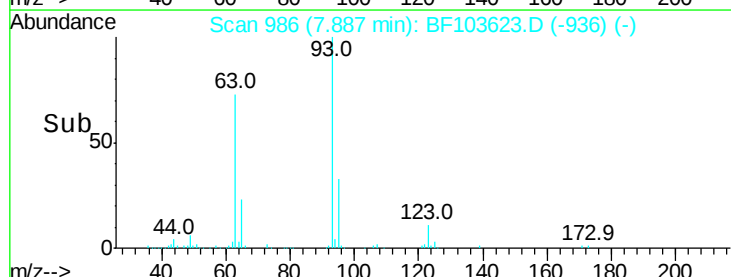


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

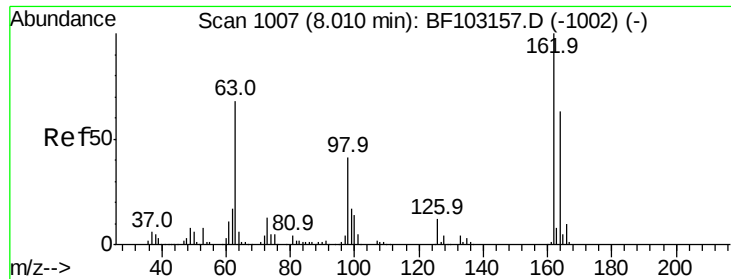
Ion 123.00 (122.70 to 123.70): E

Time-->



7.89

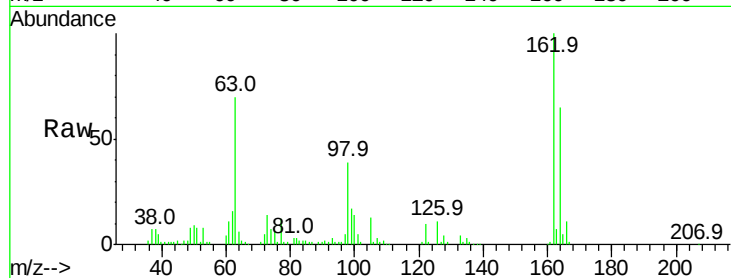
Time-->



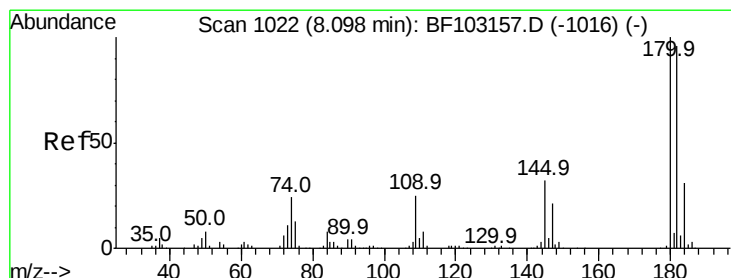
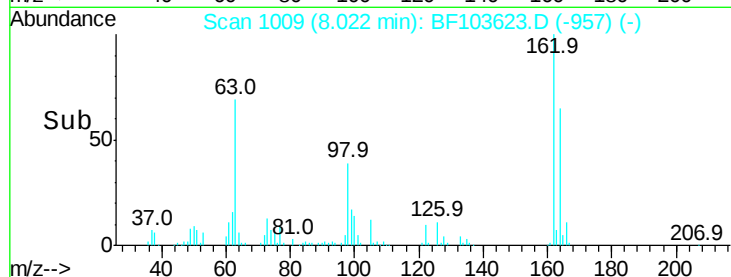
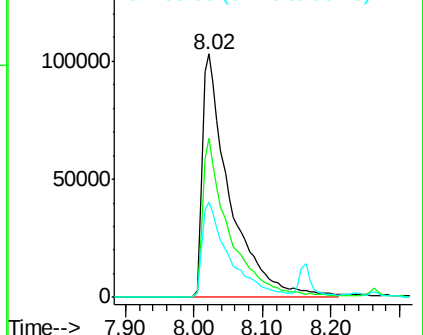
#29
2,4-Dichlorophenol
Concen: 41.341 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 289623
Ion Ratio Lower Upper
162 100
164 65.2 42.7 82.7
98 38.9 18.1 58.1

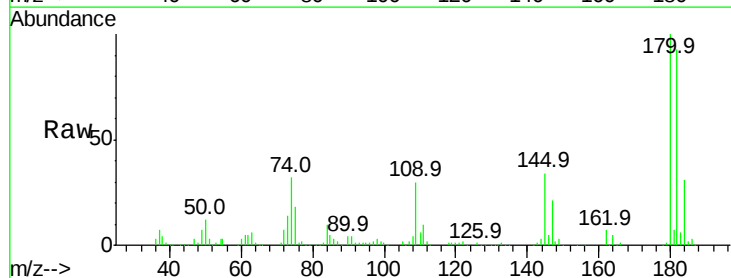


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

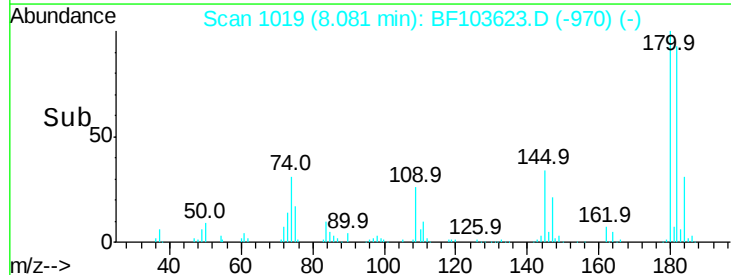
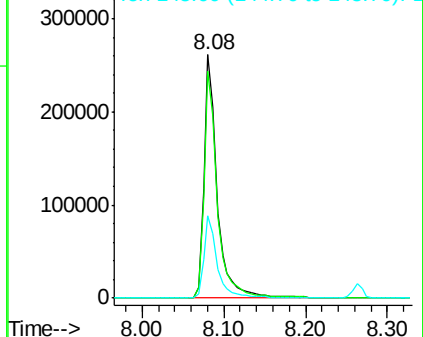


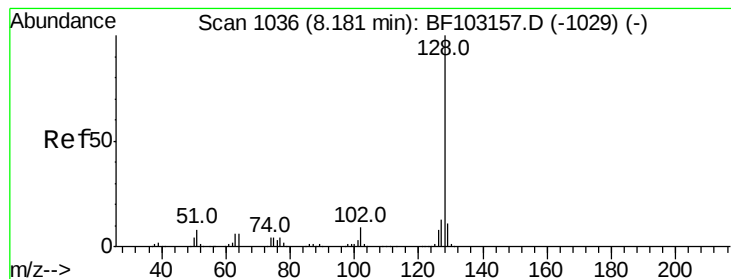
#30
1,2,4-Trichlorobenzene
Concen: 39.728 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:180 Resp: 296384
Ion Ratio Lower Upper
180 100
182 93.2 76.8 115.2
145 34.0 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: 39.674 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

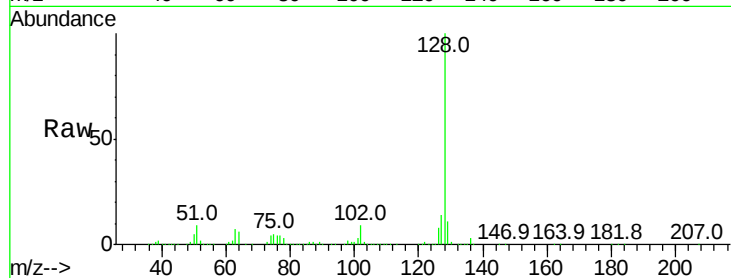
Tot Ion:128 Resp: 1024521

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

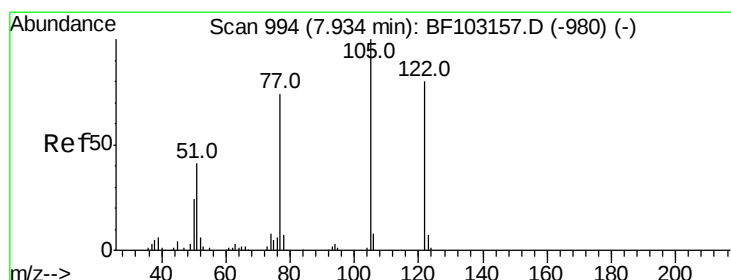
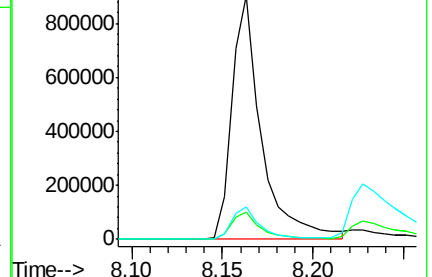
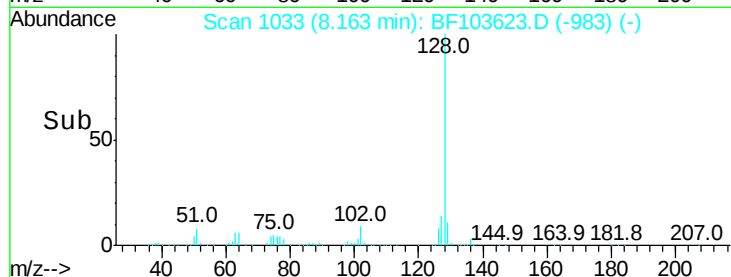
127 13.5 10.9 16.3



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: 25.079 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

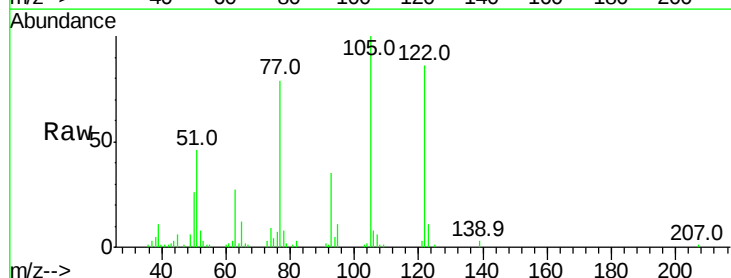
Tgt Ion:122 Resp: 115211

Ion Ratio Lower Upper

122 100

105 115.9 101.1 141.1

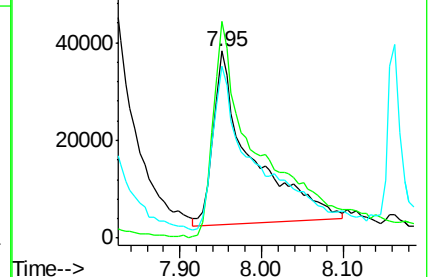
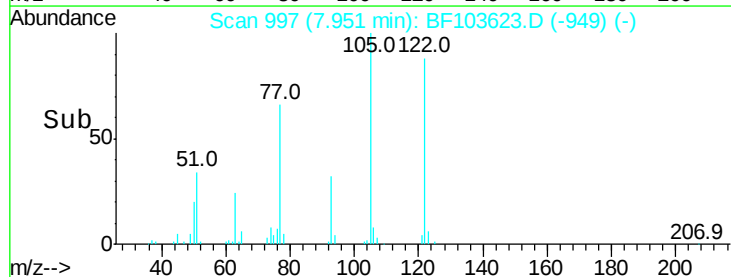
77 91.9 70.7 110.7

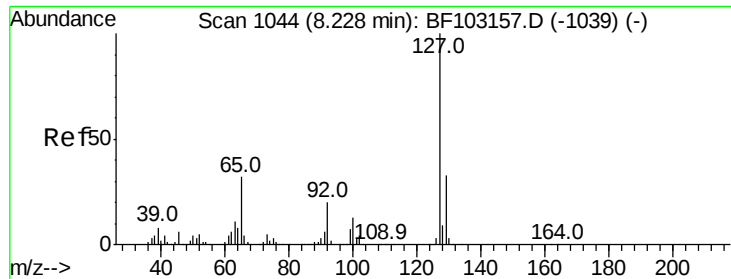


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

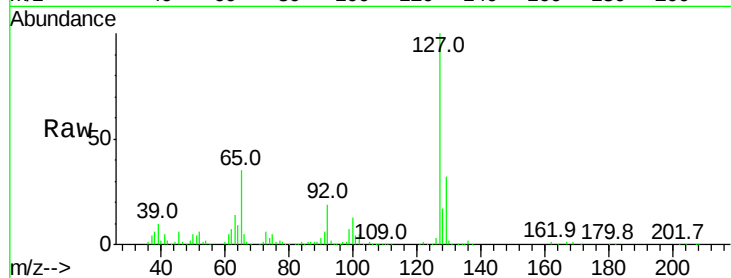




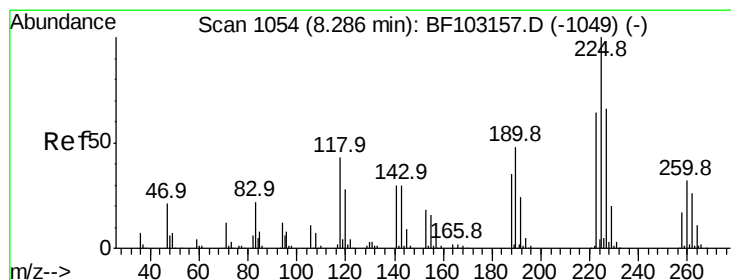
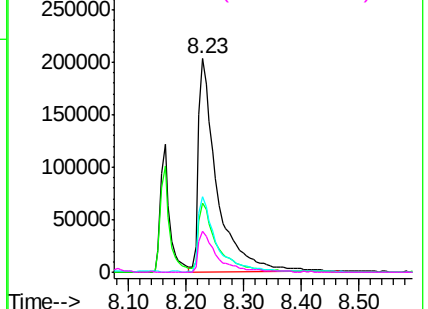
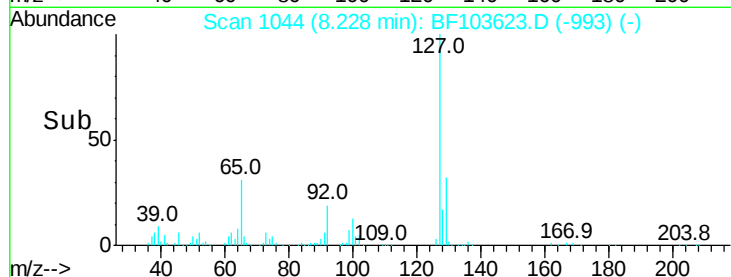
#33
4-Chloroaniline
Concen: 41.229 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	459427
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	35.2	25.0 37.4
92	19.1	15.2 22.8

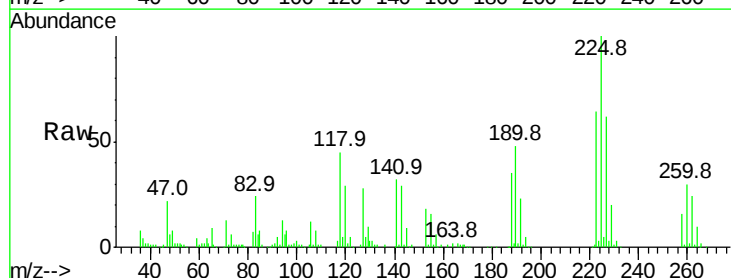


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

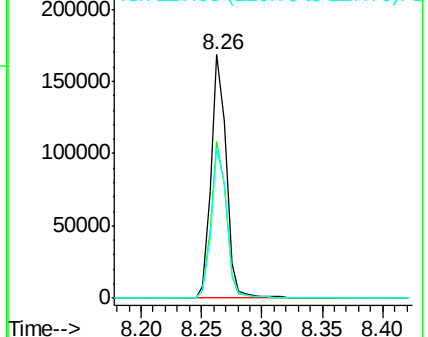
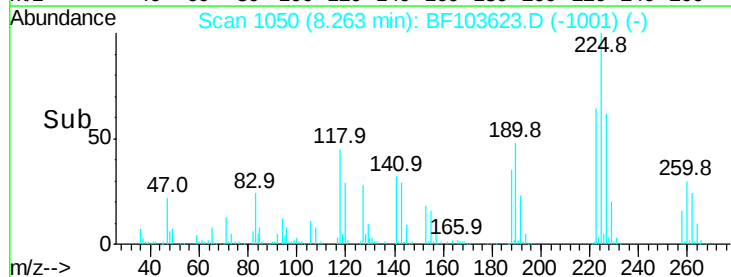


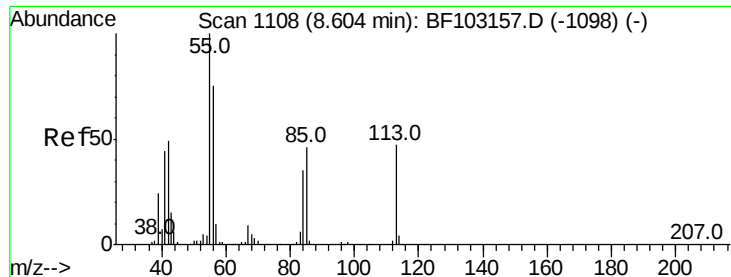
#34
Hexachlorobutadiene
Concen: 37.715 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:225	Resp:	146519
Ion Ratio	Lower	Upper
225	100	
223	64.4	50.6 76.0
227	61.8	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

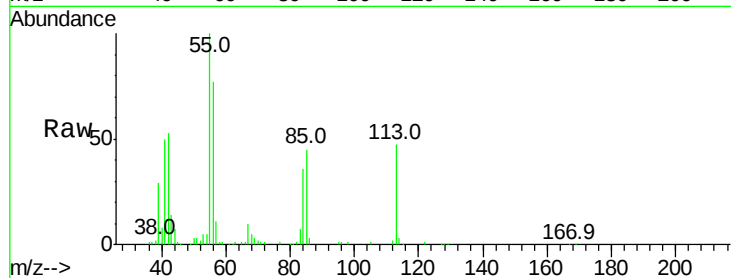




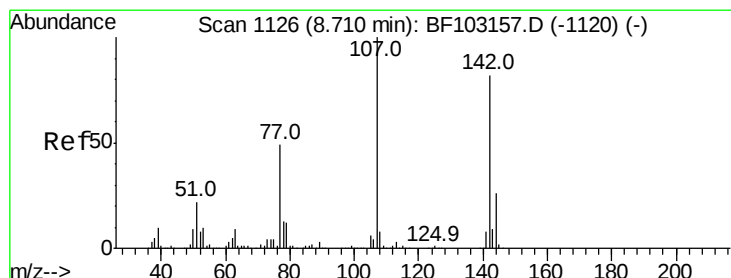
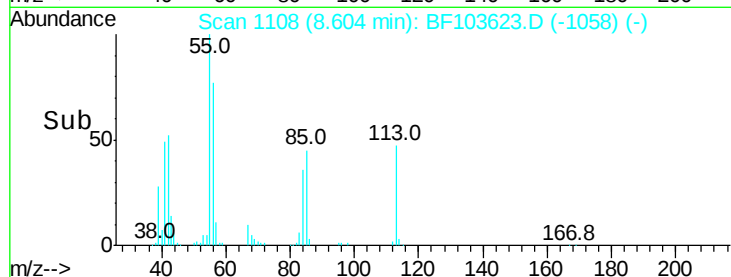
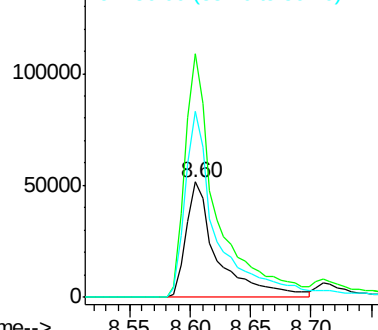
#35
 Caprolactam
 Concen: 37.607 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 92595
 Ion Ratio Lower Upper
 113 100
 55 211.1 163.3 203.3#
 56 161.7 115.7 155.7#

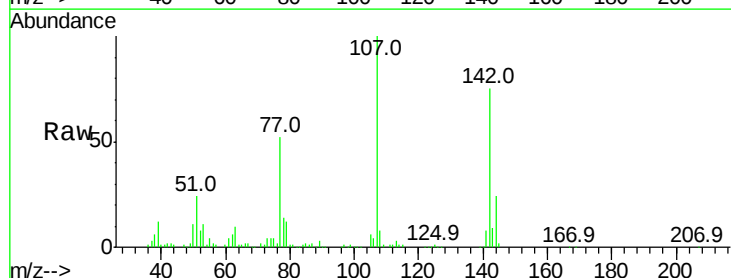


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

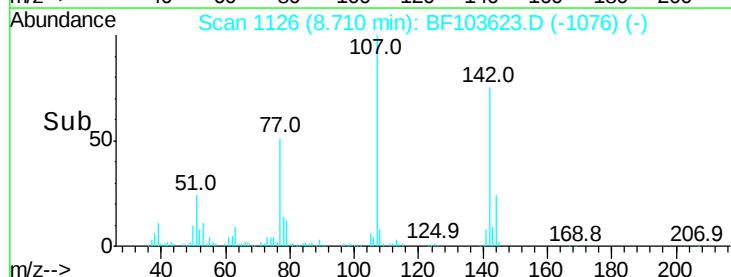
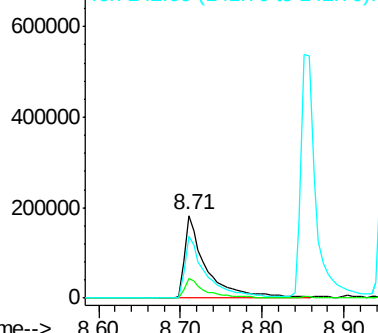


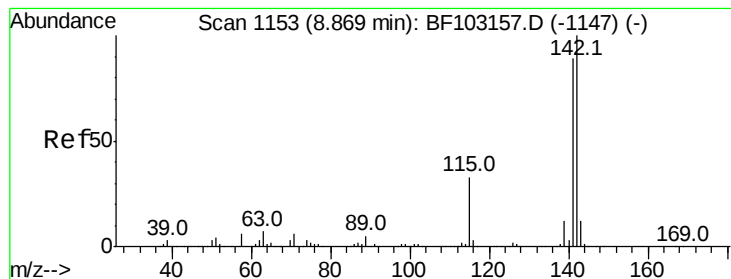
#36
 4-Chloro-3-methylphenol
 Concen: 41.945 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:107 Resp: 331447
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.5 30.7
 142 75.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

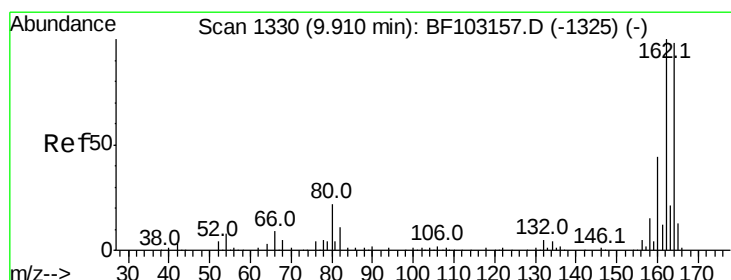
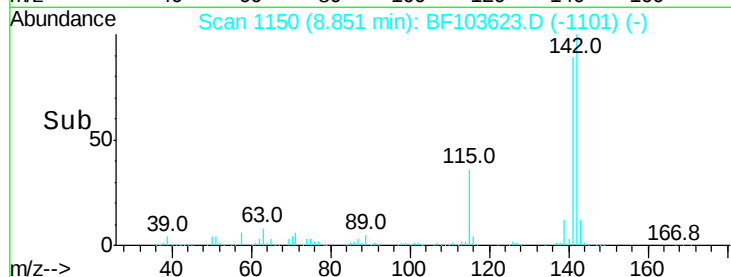
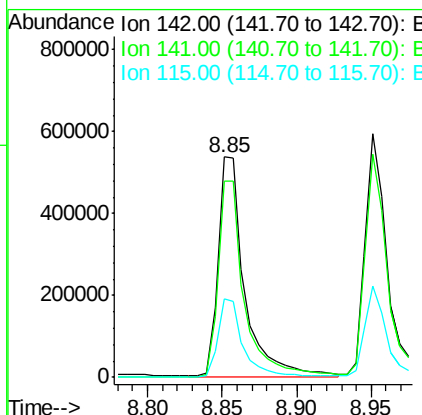
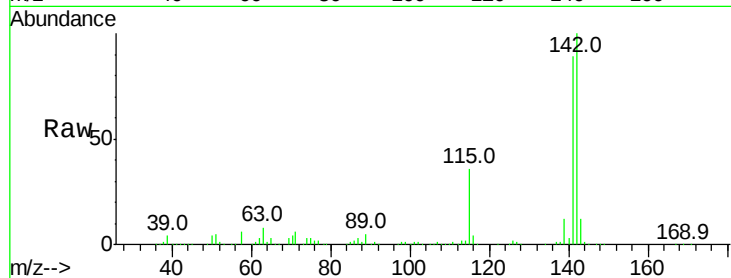




#37
 2-Methylnaphthalene
 Concen: 40.241 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

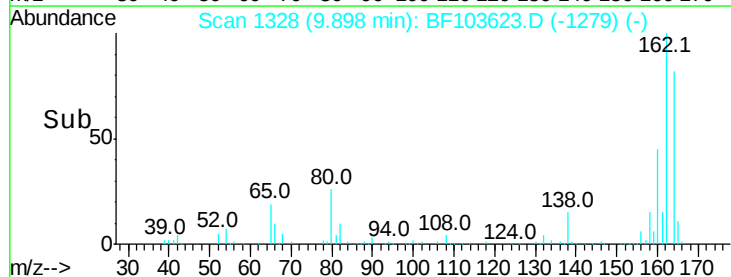
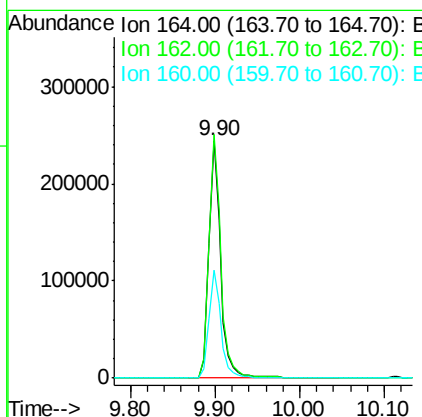
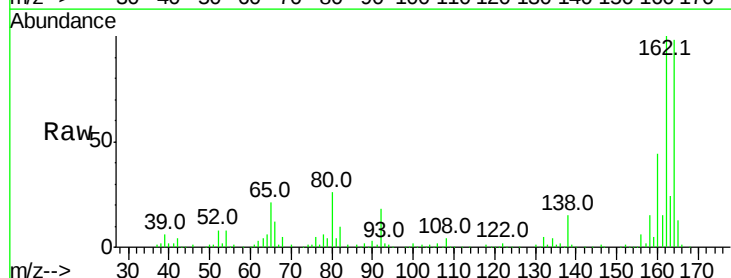
Instrument :
 BNA_F
 ClientSampleId :

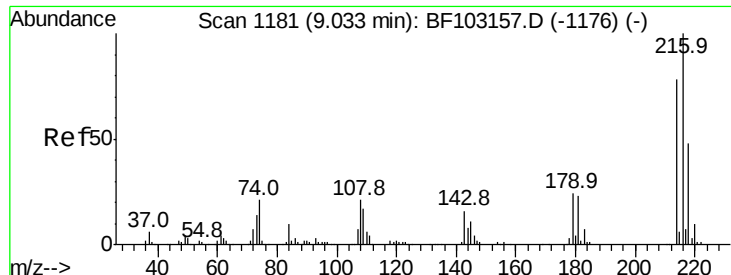
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	35.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.3	38.3	57.5

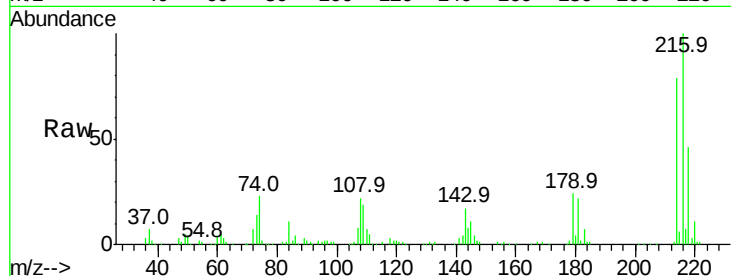




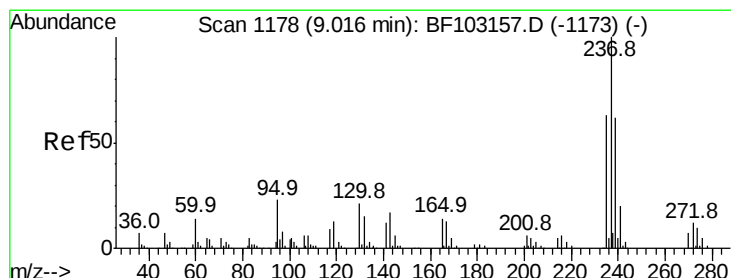
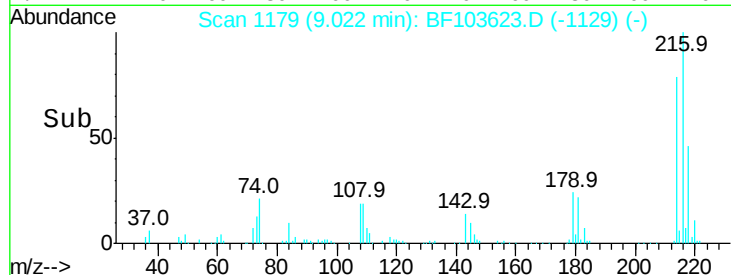
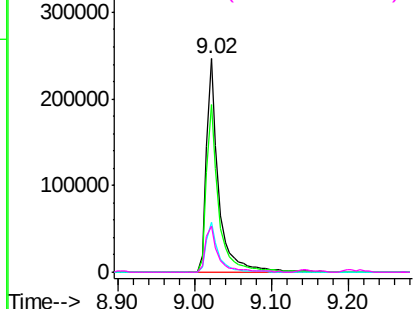
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.883 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	270459
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	23.8	18.1	27.1
108	22.3	17.2	25.8

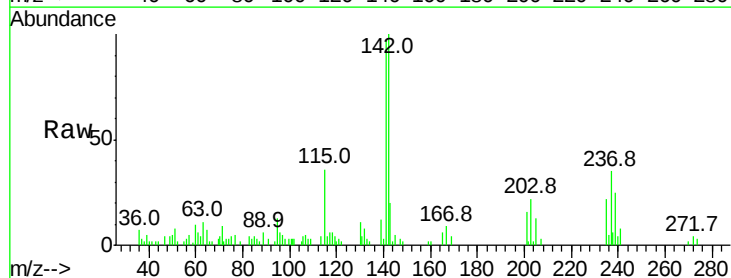


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

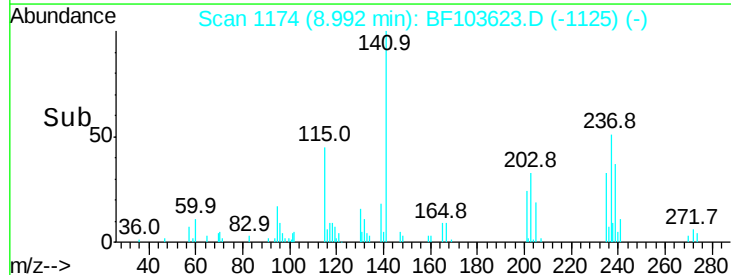
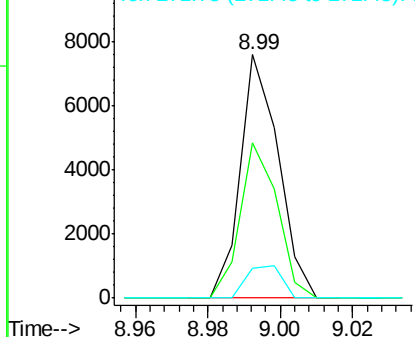


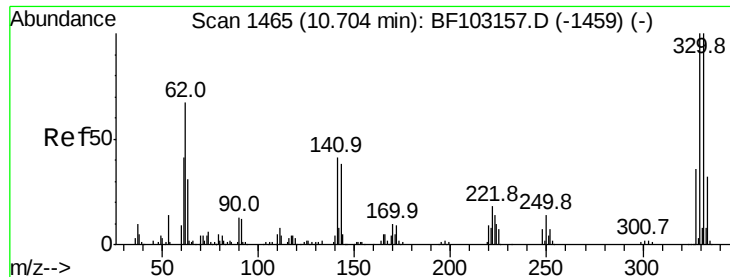
#40
 Hexachlorocyclopentadiene
 Concen: 11.014 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:	237	Resp:	5592
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.8	84.8
272	12.5	0.0	33.3



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

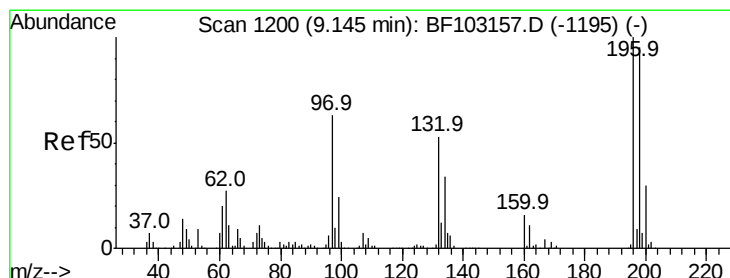
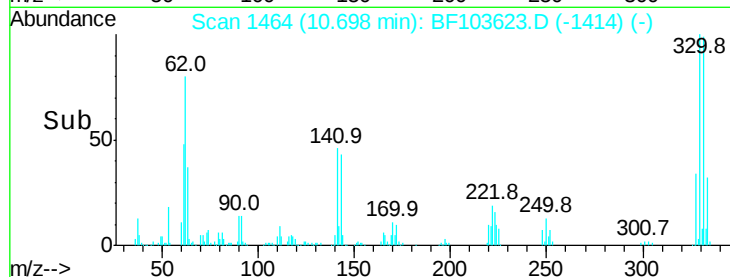
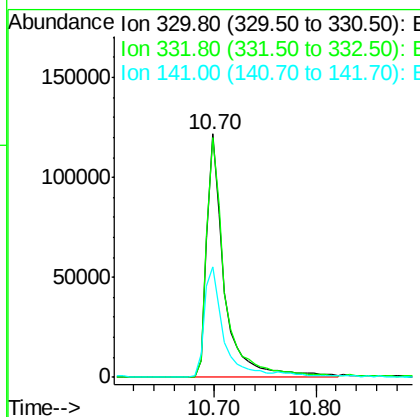
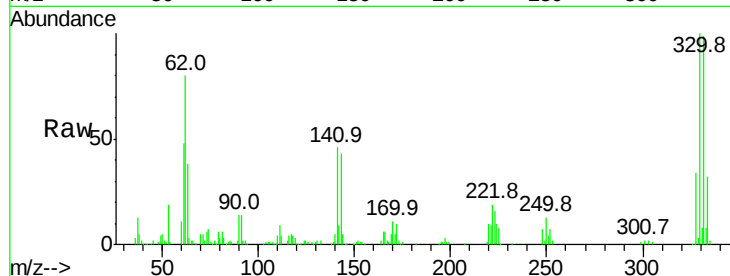




#41
 2,4,6-Tribromophenol
 Concen: 72.377 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

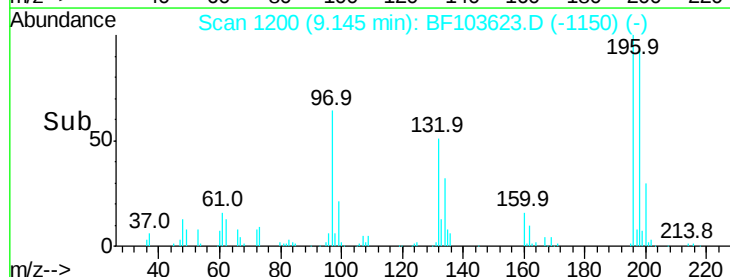
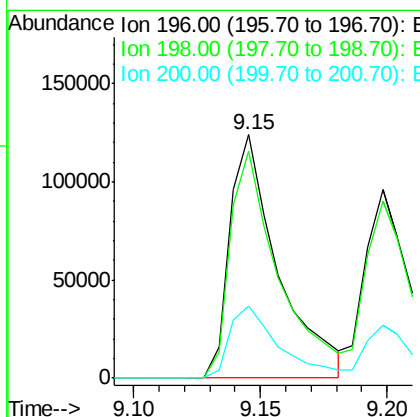
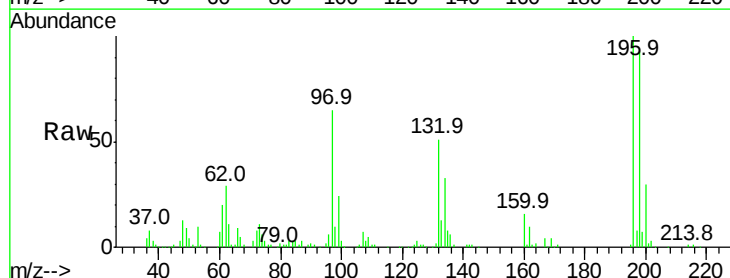
Instrument :
 BNA_F
 ClientSampleId :

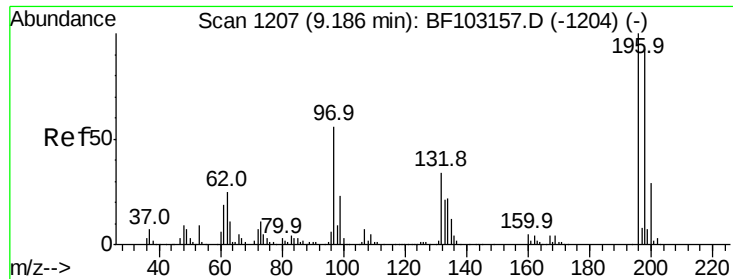
Tot Ion:330 Resp: 148248
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 51.9 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 36.876 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:196 Resp: 164148
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 29.7 24.5 36.7

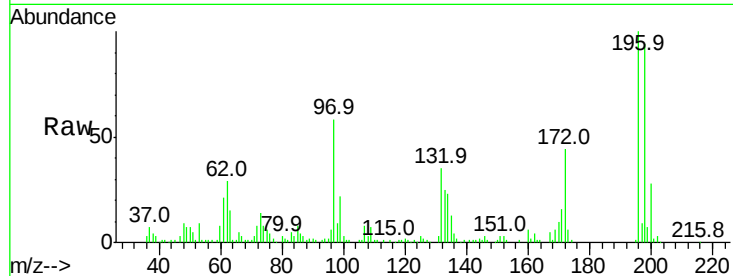




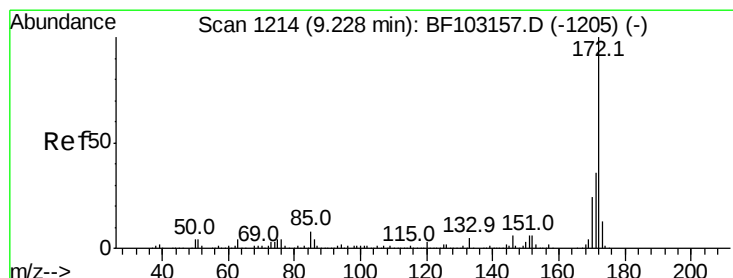
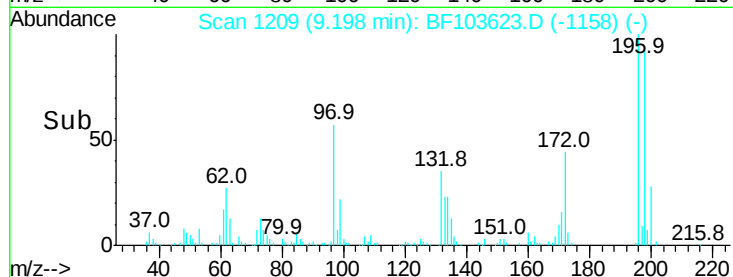
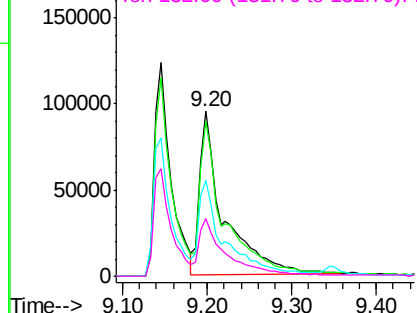
#43
2,4,5-Trichlorophenol
Concen: 36.876 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 188793
Ion Ratio Lower Upper
196 100
198 94.0 74.6 112.0
97 58.3 42.9 64.3
132 35.1 26.3 39.5

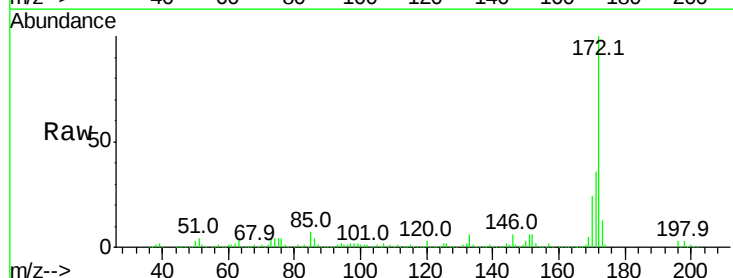


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

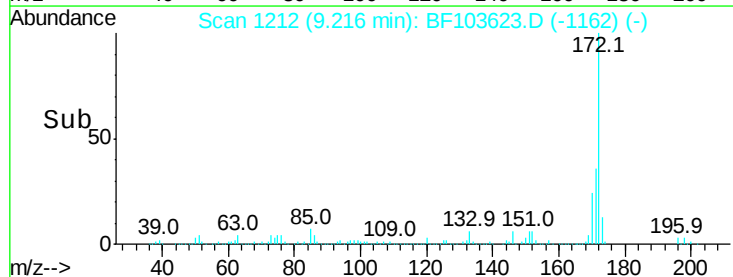
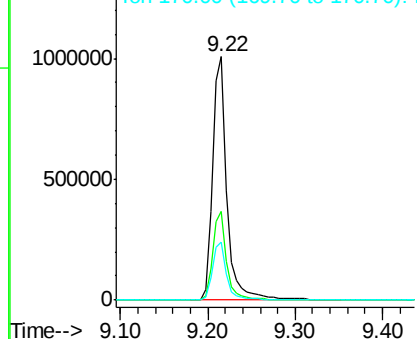


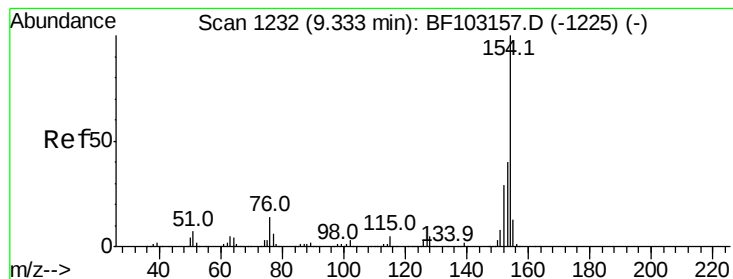
#44
2-Fluorobiphenyl
Concen: 80.643 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:172 Resp: 1146880
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.6 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: 40.133 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

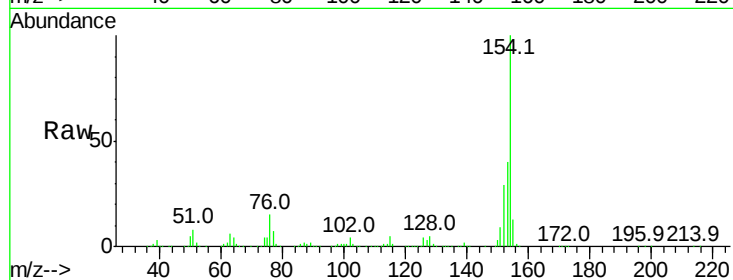
Tot Ion:154 Resp: 813793

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

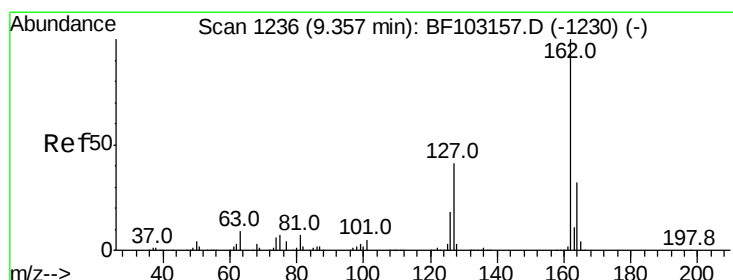
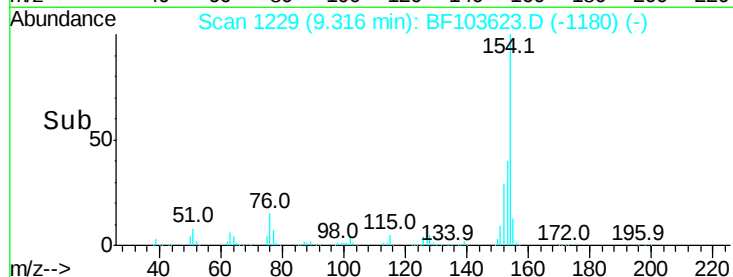
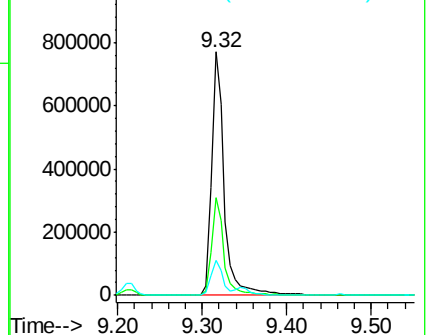
76 14.6 0.0 34.0



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: 40.263 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

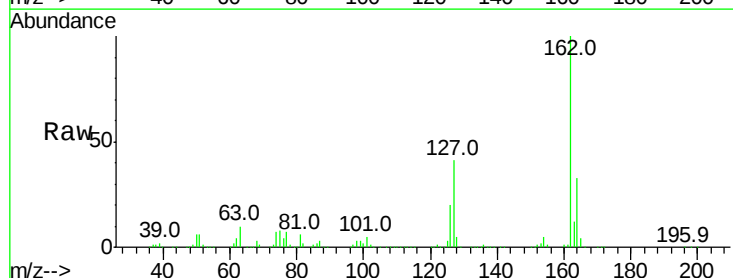
Tgt Ion:162 Resp: 645893

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

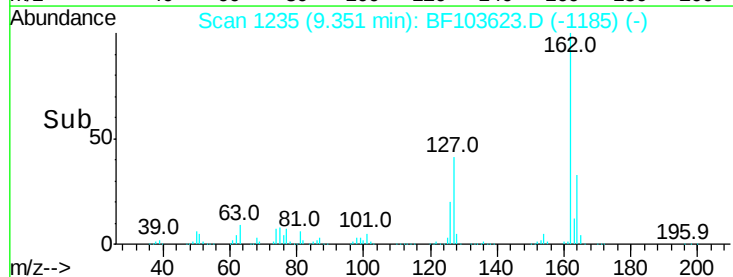
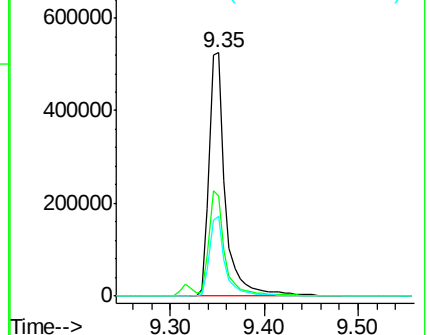
164 32.8 26.5 39.7

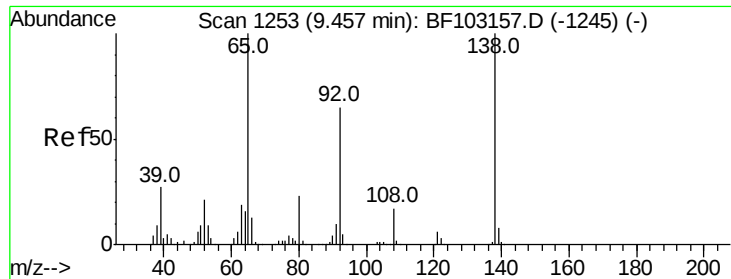


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.526 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

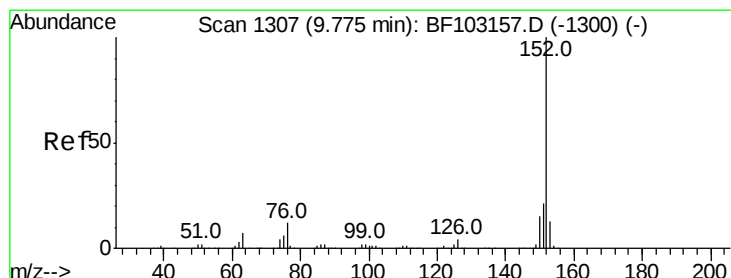
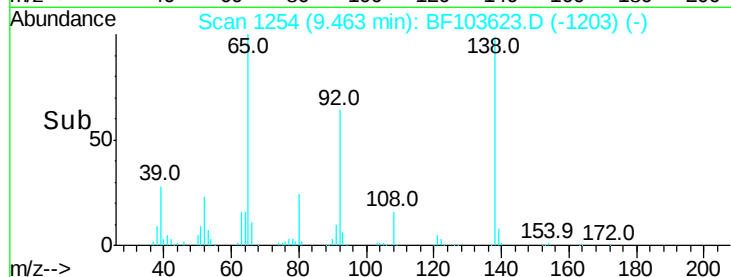
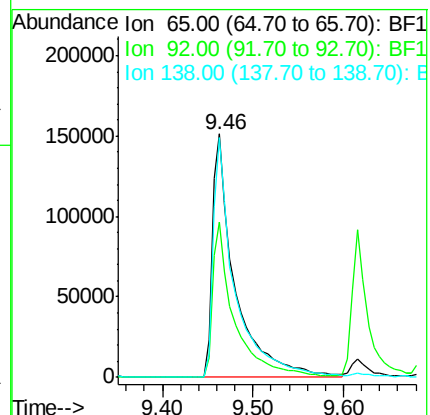
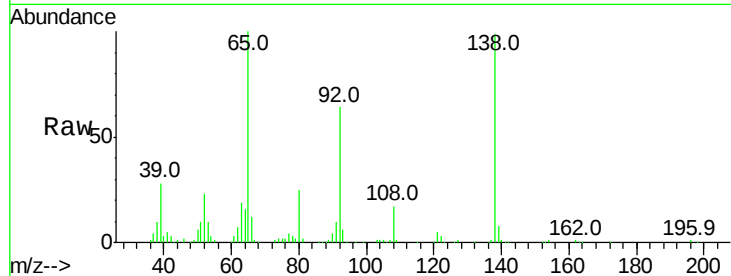
Tot Ion: 65 Resp: 264585

Ion Ratio Lower Upper

65 100

92 63.6 55.8 83.6

138 98.5 91.2 136.8



#48

Acenaphthylene

Concen: 39.208 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

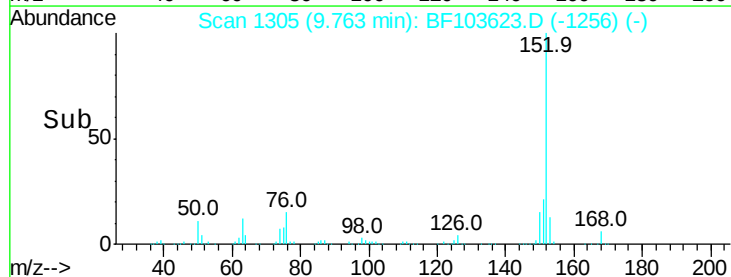
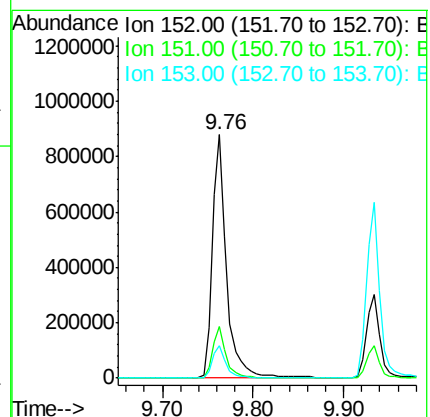
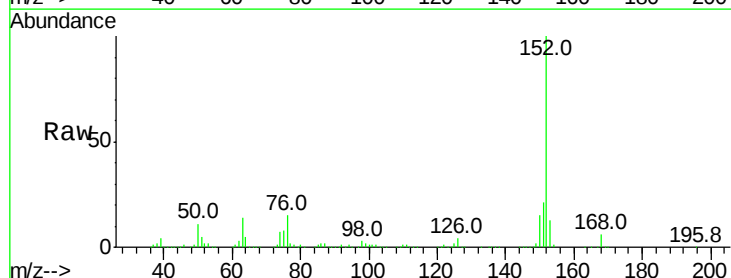
Tgt Ion: 152 Resp: 967744

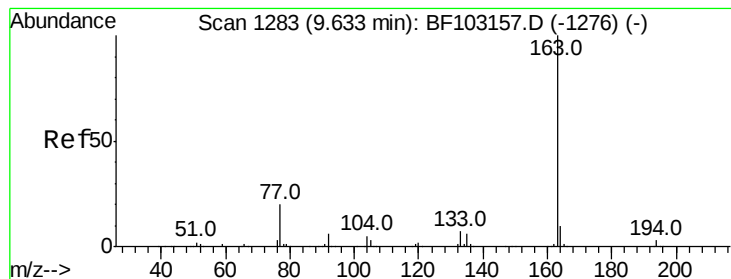
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 37.766 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

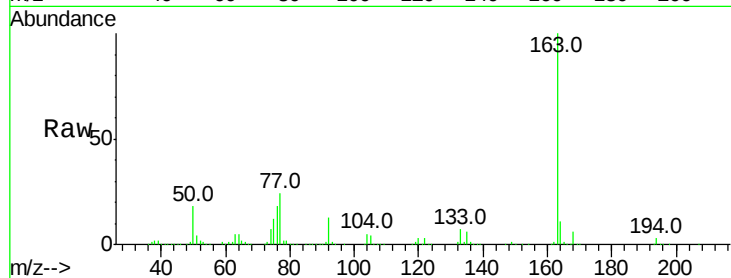
Tot Ion:163 Resp: 733124

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

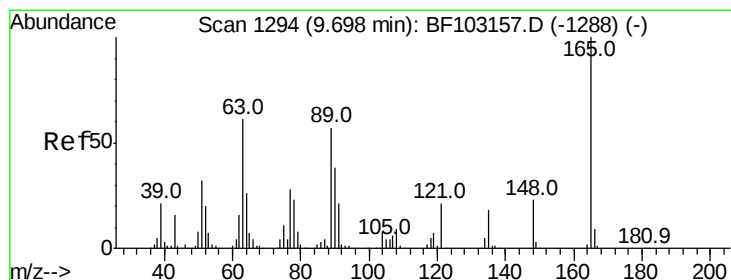
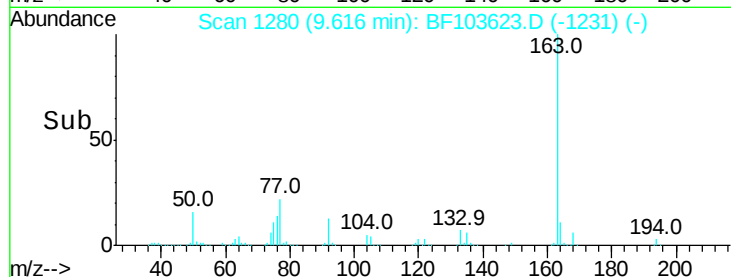
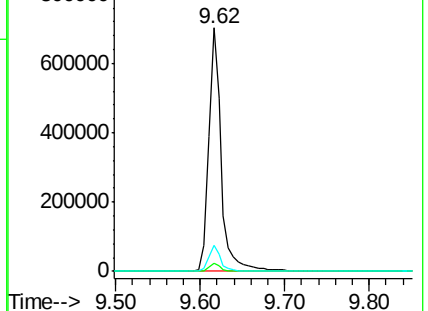
164 10.6 8.2 12.2



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: 38.357 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

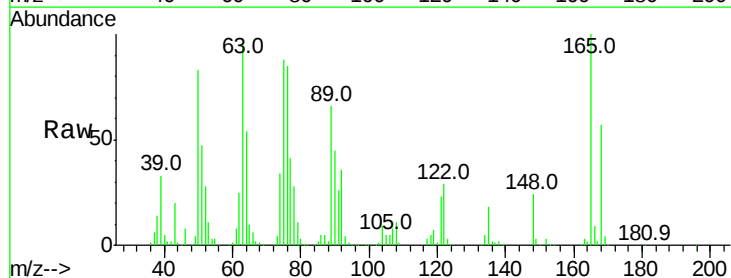
Tgt Ion:165 Resp: 156257

Ion Ratio Lower Upper

165 100

63 96.0 44.7 67.1#

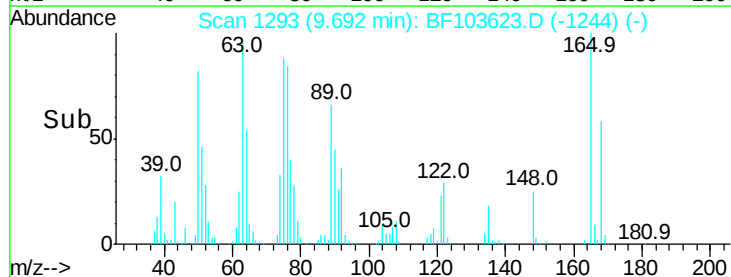
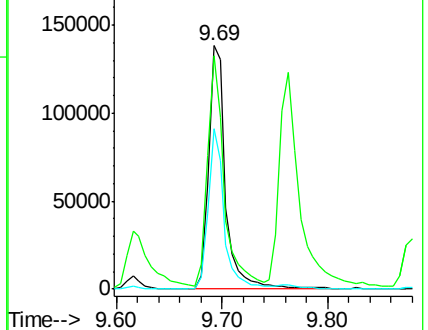
89 66.0 44.0 66.0#

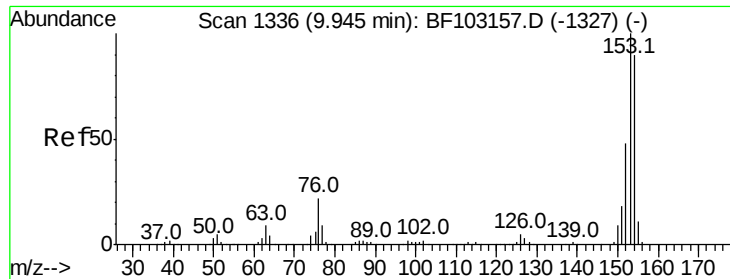


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

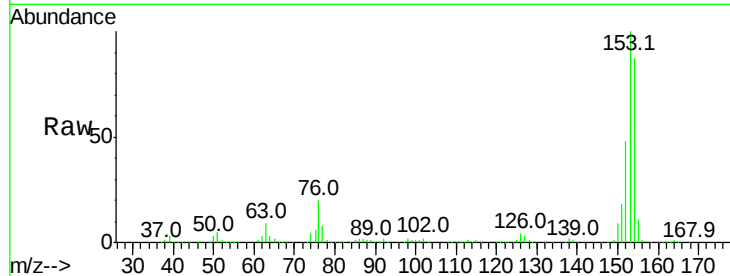




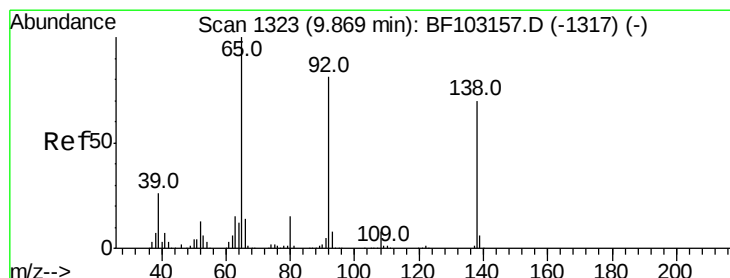
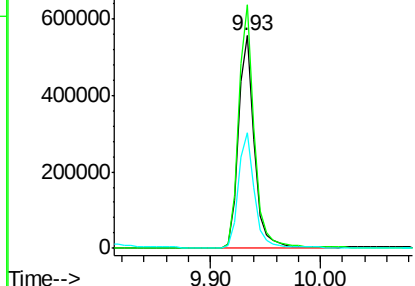
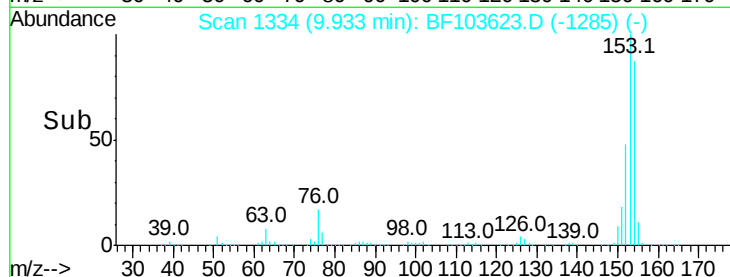
#51
Acenaphthene
Concen: 39.525 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 568862
Ion Ratio Lower Upper
154 100
153 114.4 91.2 136.8
152 54.5 43.8 65.8

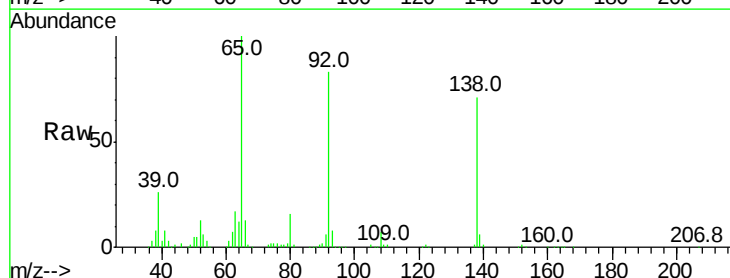


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

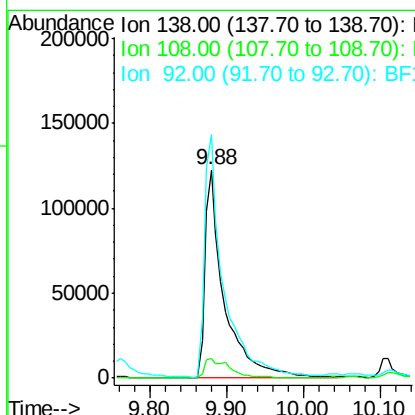
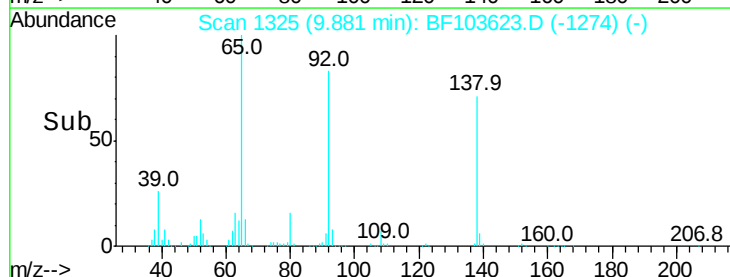


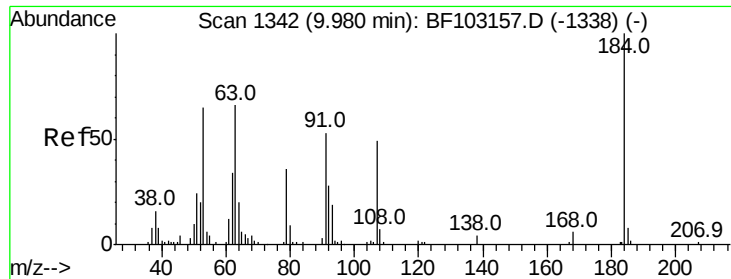
#52
3-Nitroaniline
Concen: 41.205 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:138 Resp: 212969
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.0
92 117.0 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

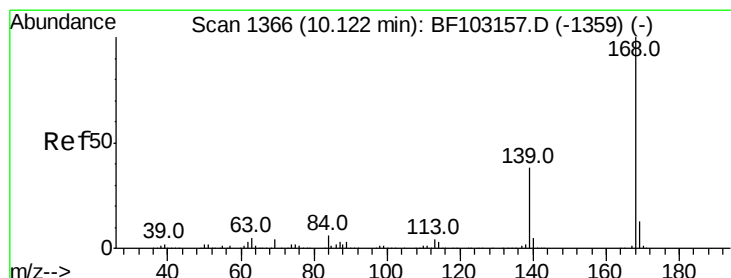
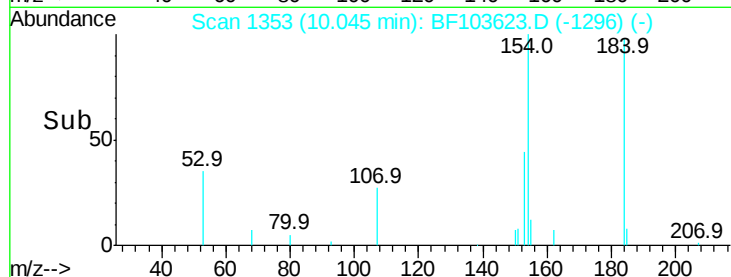
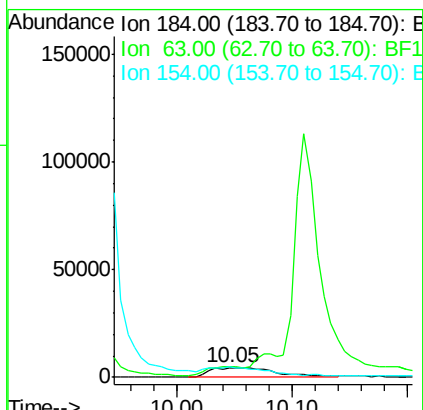
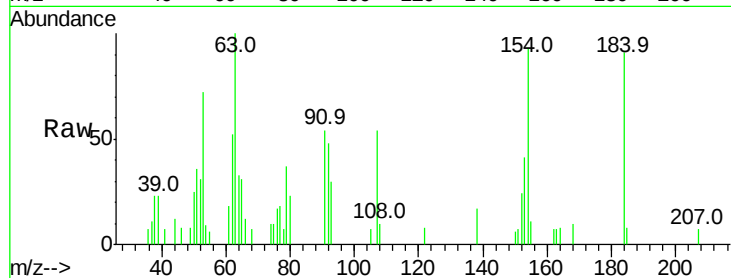




#53
2,4-Dinitrophenol
Concen: 20.632 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.04 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

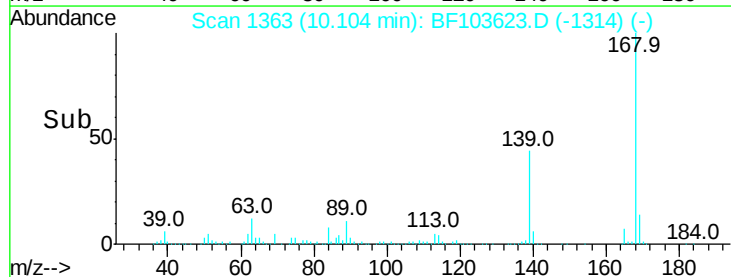
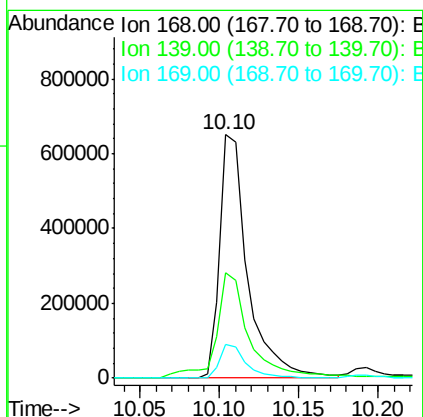
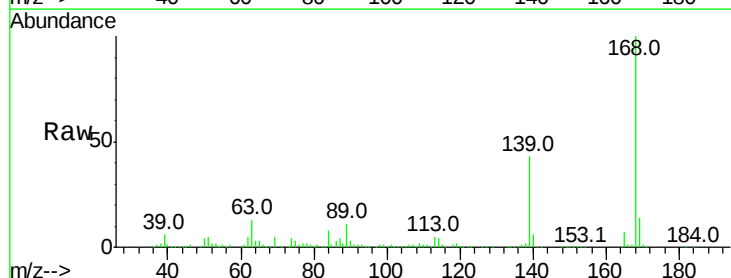
Instrument :
BNA_F
ClientSampled :

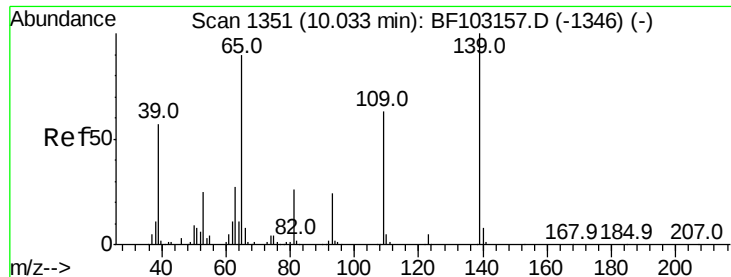
Tot Ion:184 Resp: 18418
Ion Ratio Lower Upper
184 100
63 110.3 54.2 81.2#
154 102.3 184.0 276.0#



#54
Dibenzofuran
Concen: 40.504 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:168 Resp: 800238
Ion Ratio Lower Upper
168 100
139 43.4 30.1 45.1
169 13.8 10.9 16.3

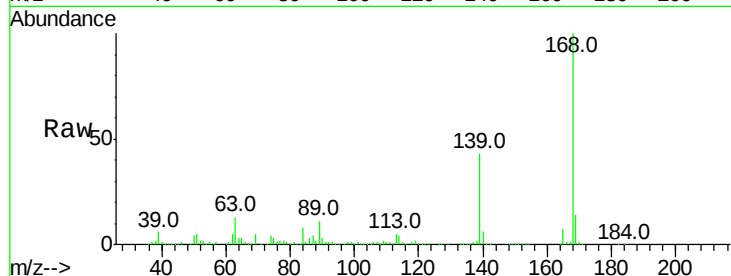




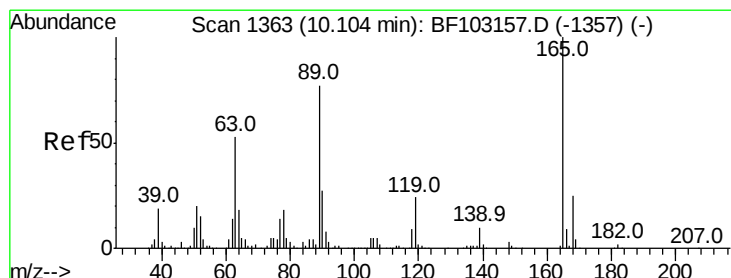
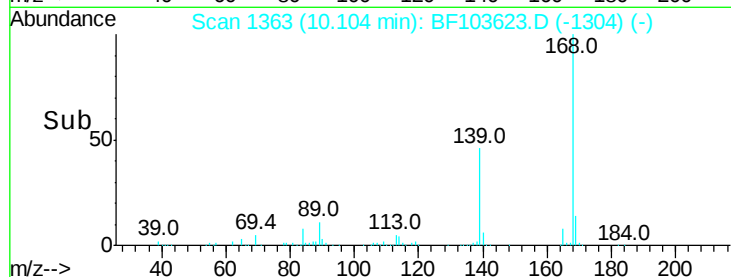
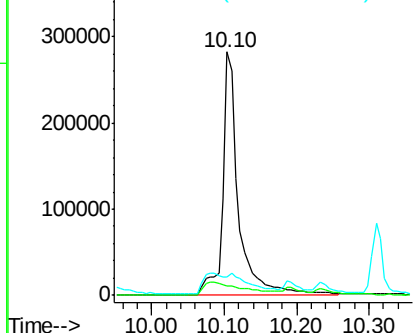
#55
4-Nitrophenol
Concen: 133.813 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.05 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 428641
Ion Ratio Lower Upper
139 100
109 3.9 48.4 88.4#
65 7.7 72.6 112.6#



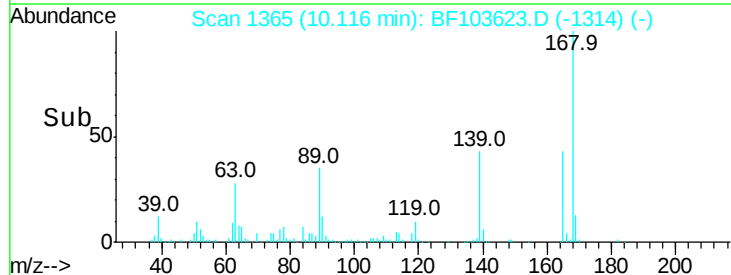
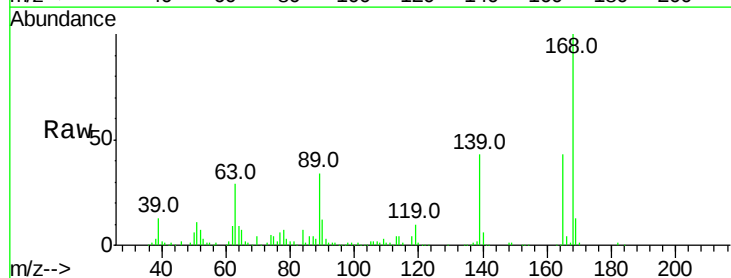
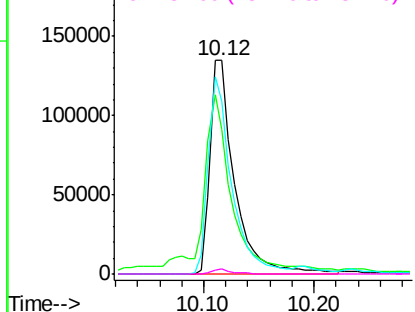
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

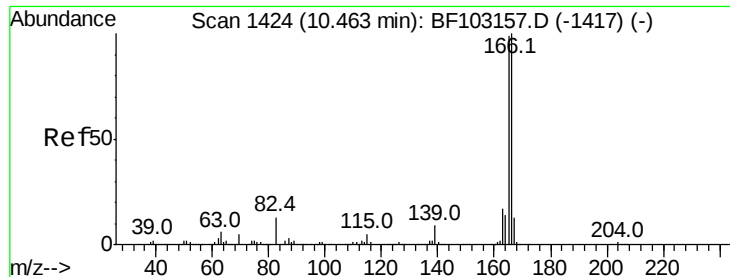


#56
2,4-Dinitrotoluene
Concen: 39.820 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:165 Resp: 205161
Ion Ratio Lower Upper
165 100
63 67.6 36.4 54.6#
89 80.9 57.8 86.6
182 2.2 1.6 2.4

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





#57

Fluorene

Concen: 39.123 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

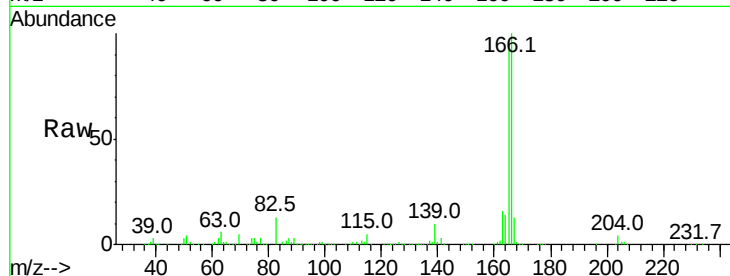
Tot Ion:166 Resp: 658458

Ion Ratio Lower Upper

166 100

165 97.3 79.8 119.8

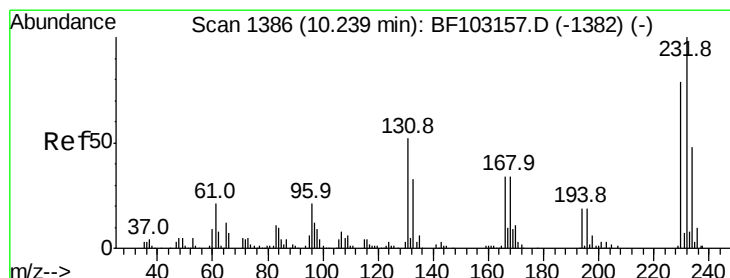
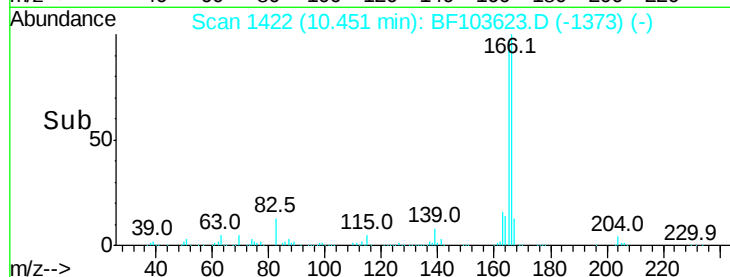
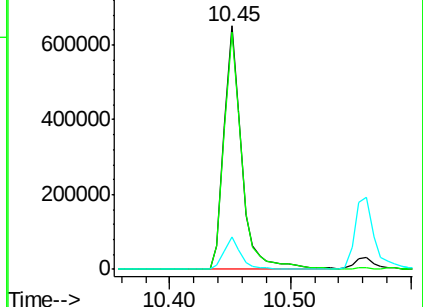
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.505 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Tgt Ion:232 Resp: 139305

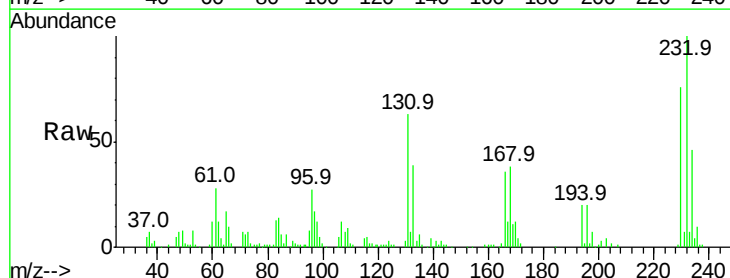
Ion Ratio Lower Upper

232 100

131 52.3 43.8 65.8

130 2.9 2.1 3.1

166 30.8 27.8 41.6

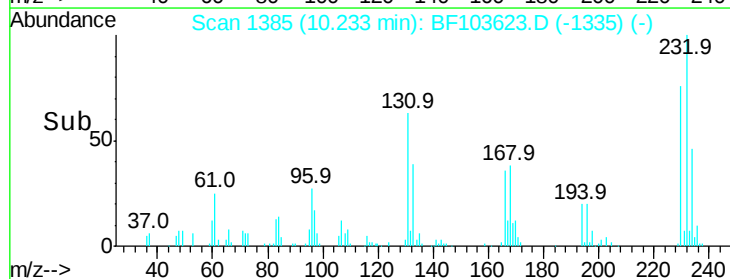
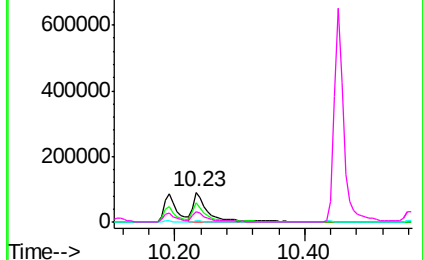


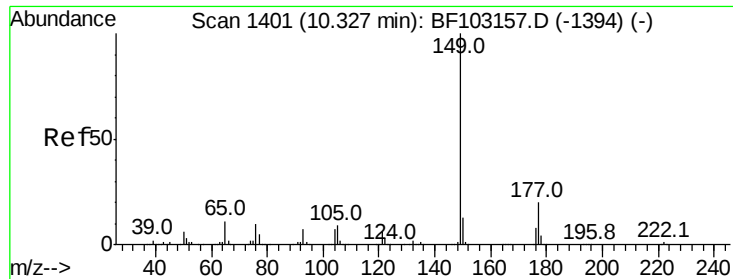
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.028 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

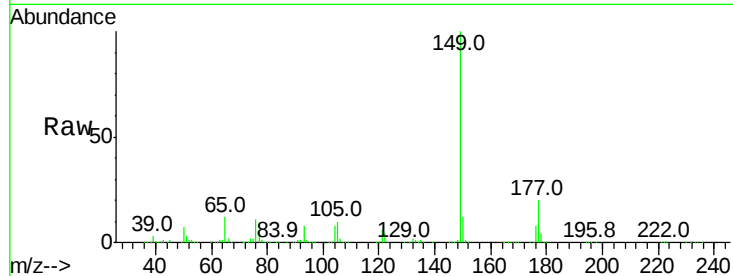
Tot Ion:149 Resp: 743181

Ion Ratio Lower Upper

149 100

177 19.6 16.1 24.1

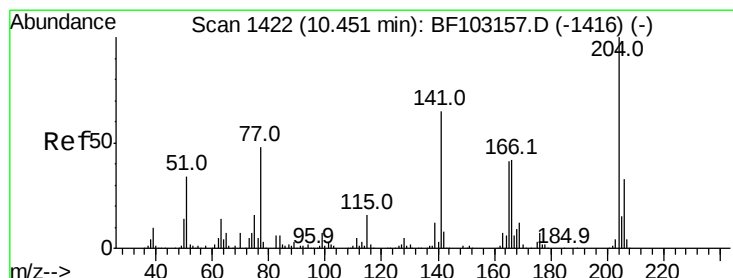
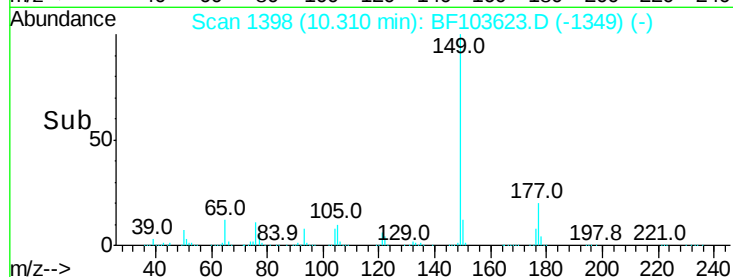
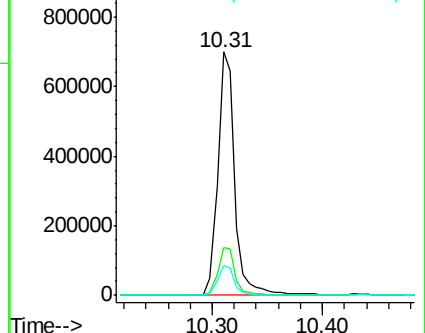
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.704 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

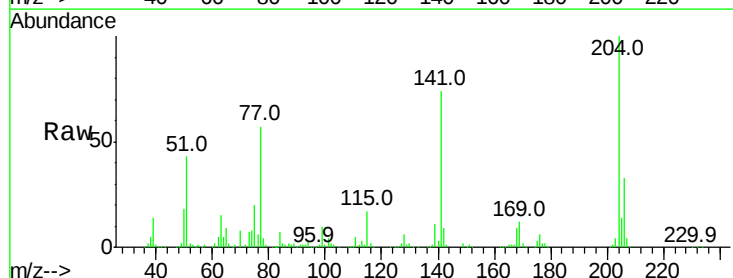
Tgt Ion:204 Resp: 290512

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

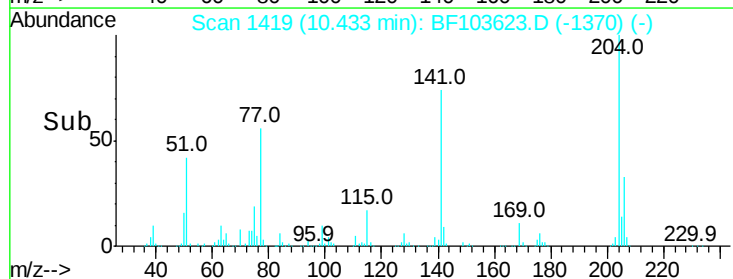
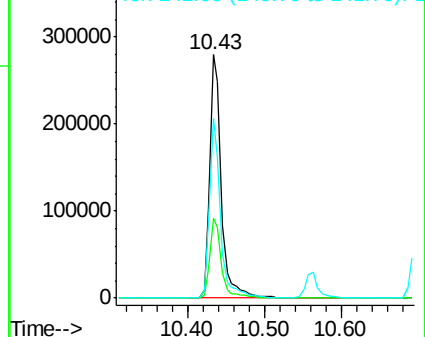
141 73.5 54.6 81.8

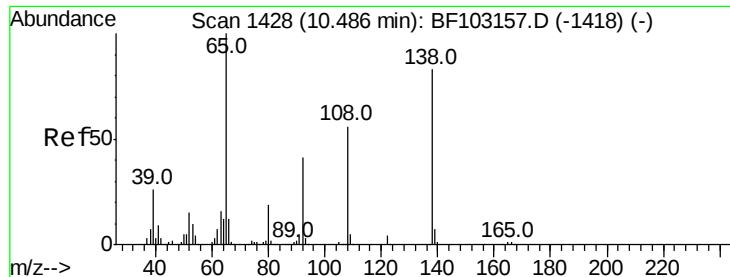


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

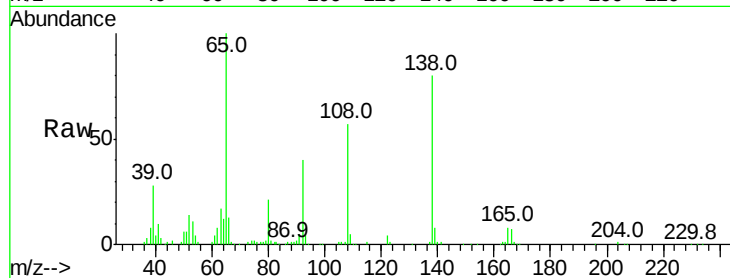




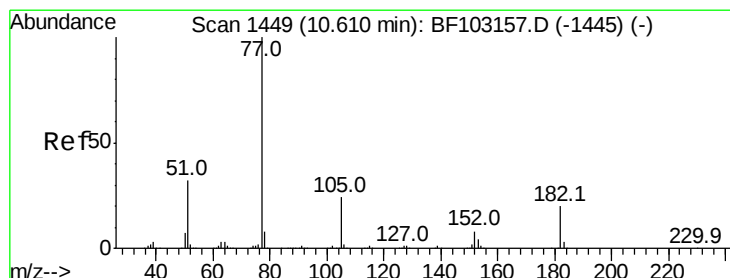
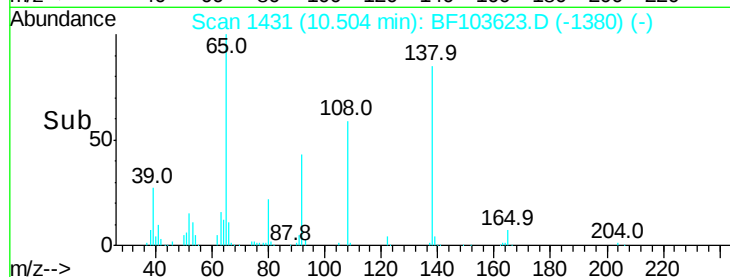
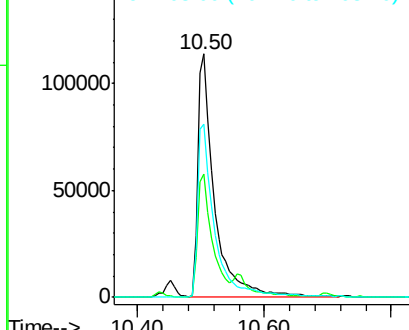
#61
4-Nitroaniline
Concen: 39.474 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 203780
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 71.3 52.5 92.5

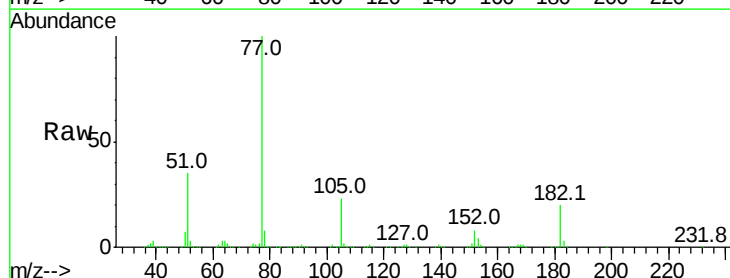


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

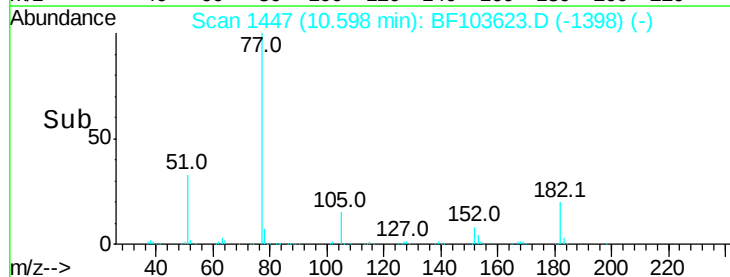
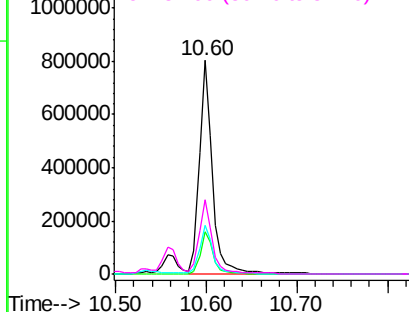


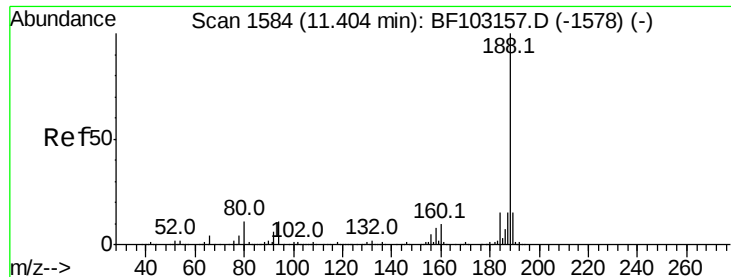
#62
Azobenzene
Concen: 42.389 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion: 77 Resp: 801088
Ion Ratio Lower Upper
77 100
182 19.5 1.7 41.7
105 23.1 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. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampled :

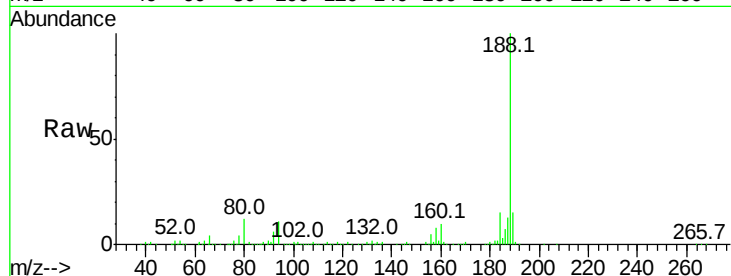
Tot Ion:188 Resp: 419987

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

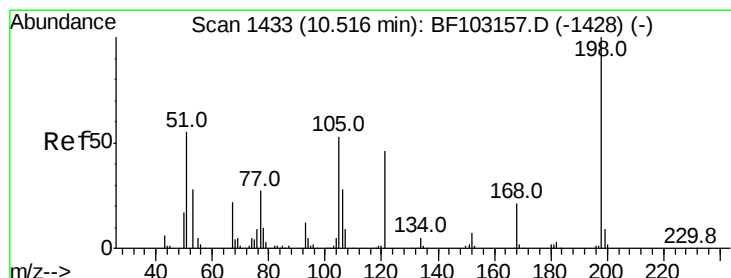
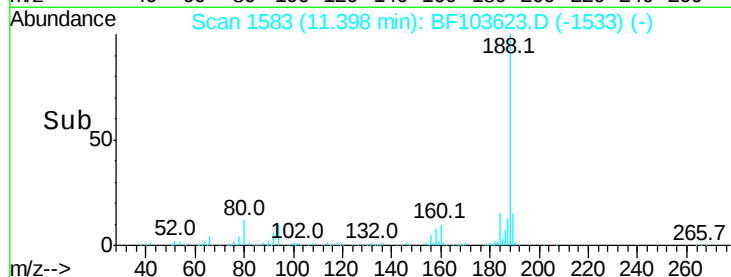
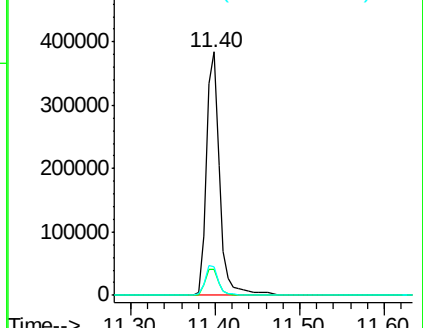
80 11.6 9.2 13.8



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: 22.645 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

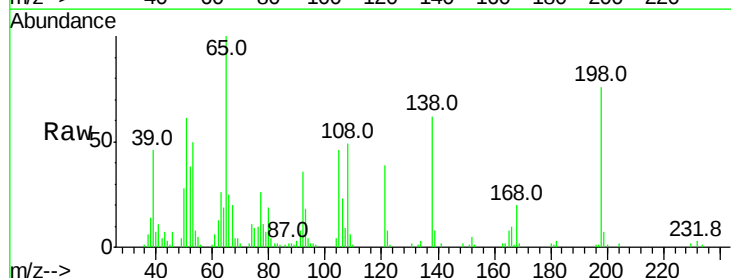
Tgt Ion:198 Resp: 50427

Ion Ratio Lower Upper

198 100

51 80.5 37.7 77.7#

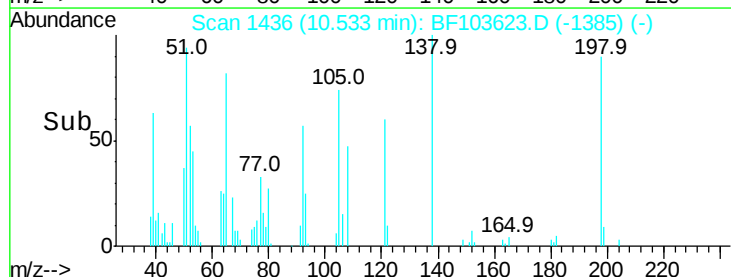
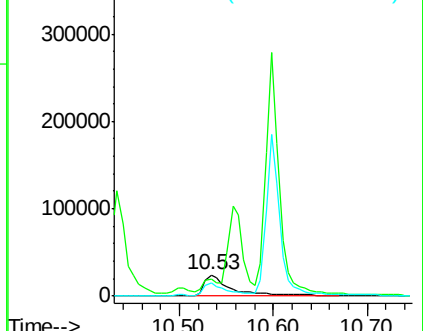
105 61.0 36.3 76.3

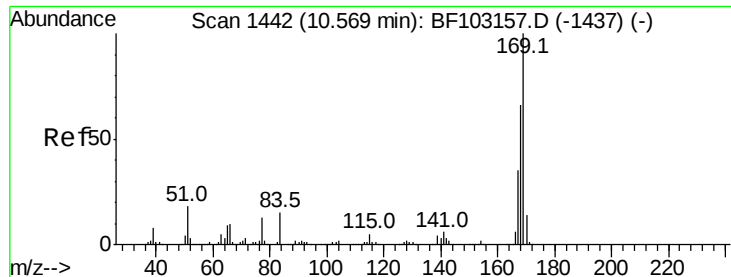


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.393 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

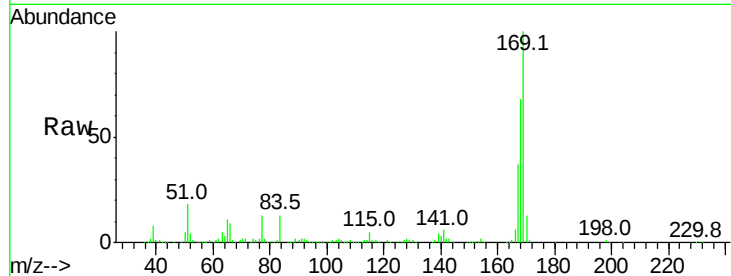
Tot Ion:169 Resp: 576061

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

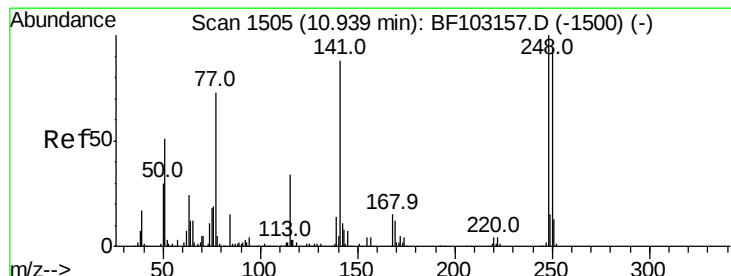
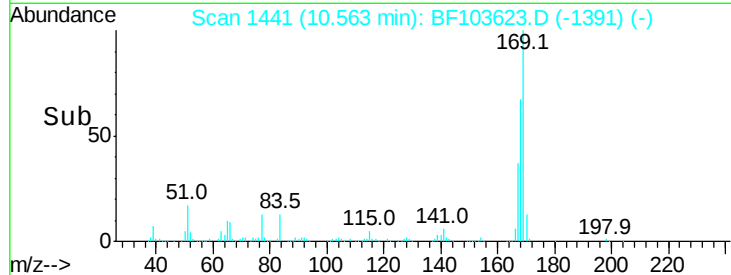
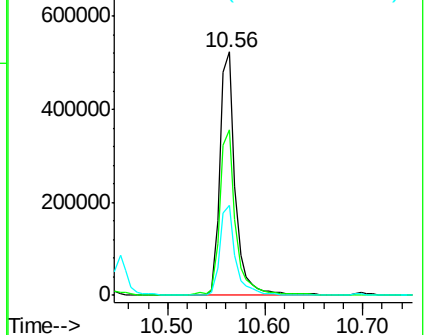
167 37.0 29.8 44.6



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: 38.358 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

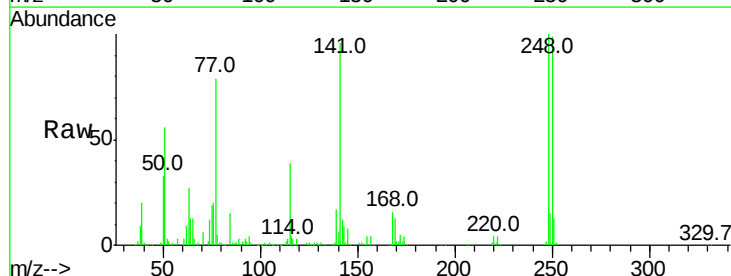
Tgt Ion:248 Resp: 167815

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

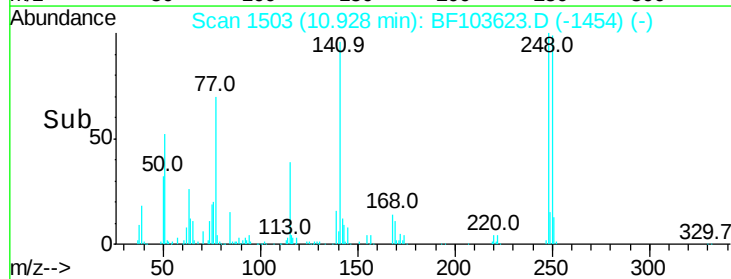
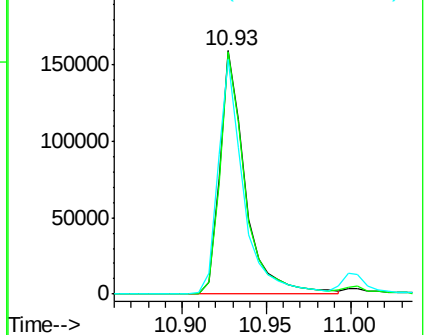
141 96.2 74.4 111.6

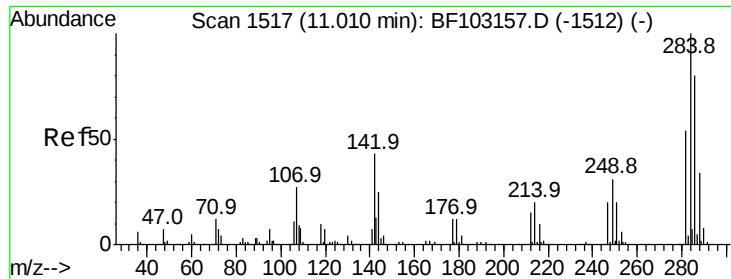


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

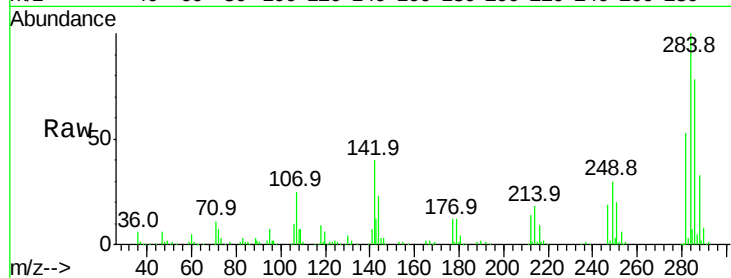




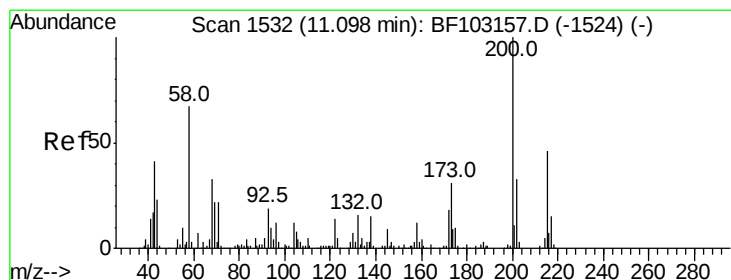
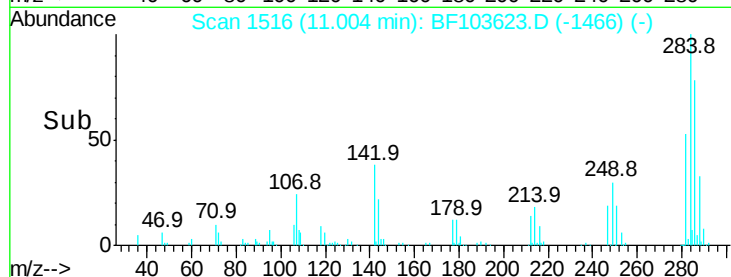
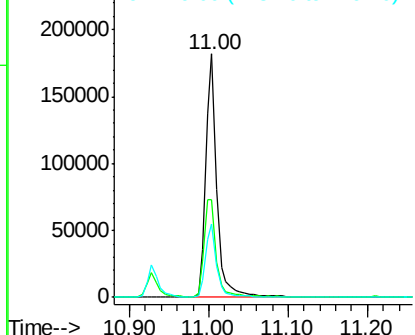
#67
Hexachlorobenzene
Concen: 37.706 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 179051
Ion Ratio Lower Upper
284 100
142 40.2 34.6 52.0
249 30.3 24.8 37.2

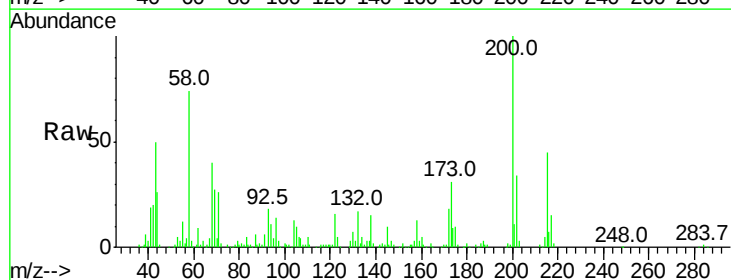


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

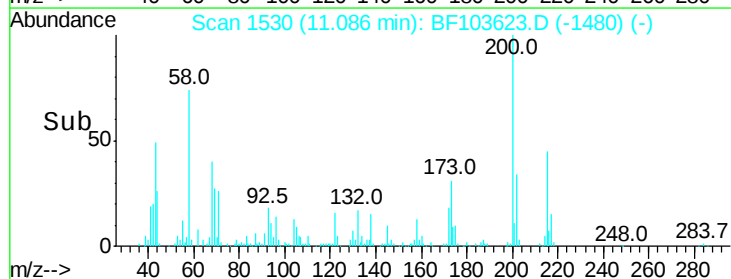
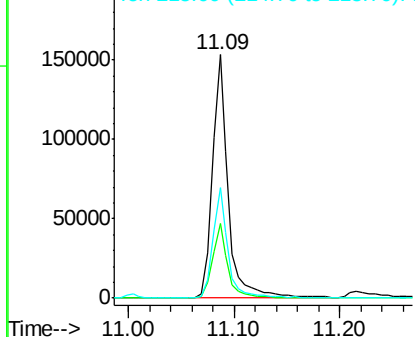


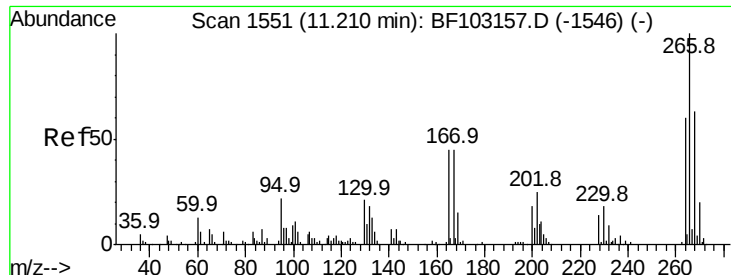
#68
Atrazine
Concen: 36.956 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:200 Resp: 162435
Ion Ratio Lower Upper
200 100
173 30.9 8.6 48.6
215 45.3 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

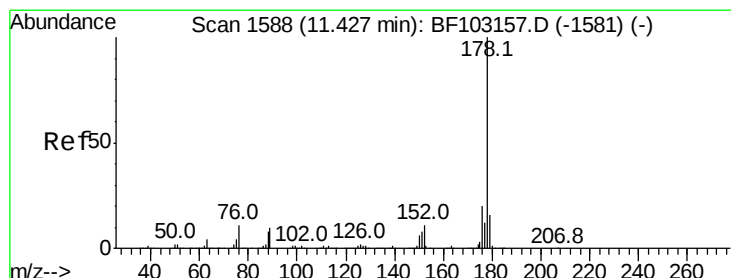
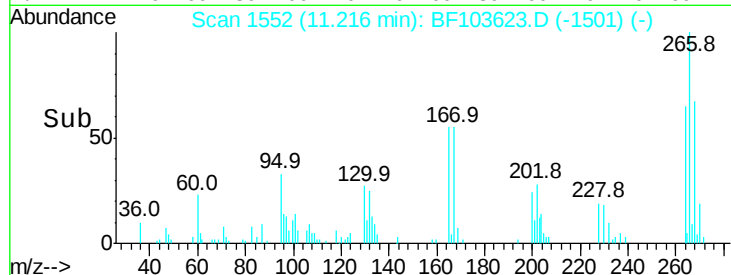
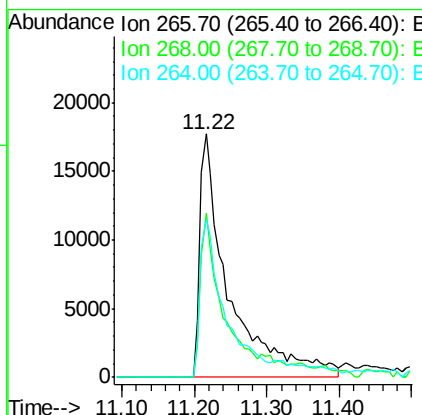
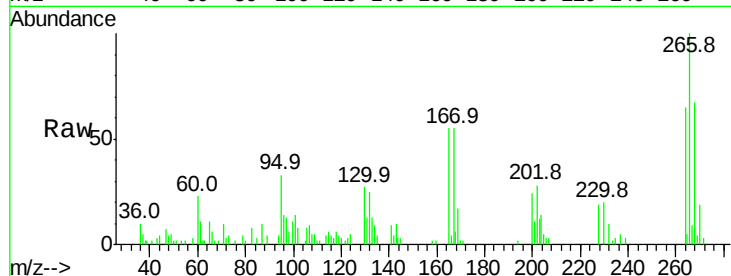




#69
 Pentachlorophenol
 Concen: 21.572 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

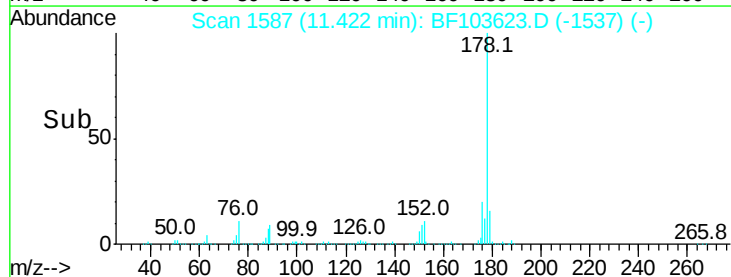
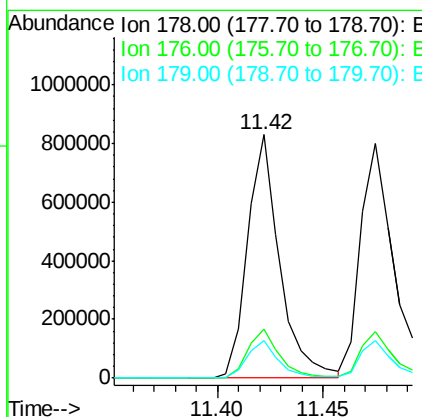
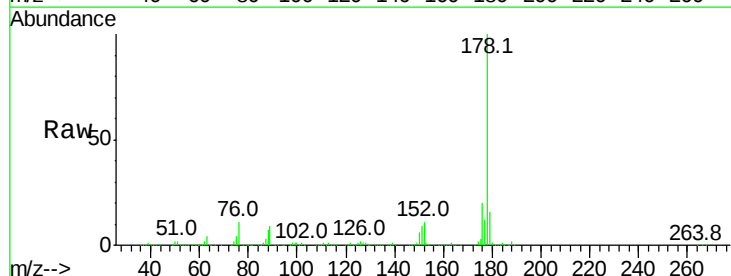
Instrument :
 BNA_F
 ClientSampleId :

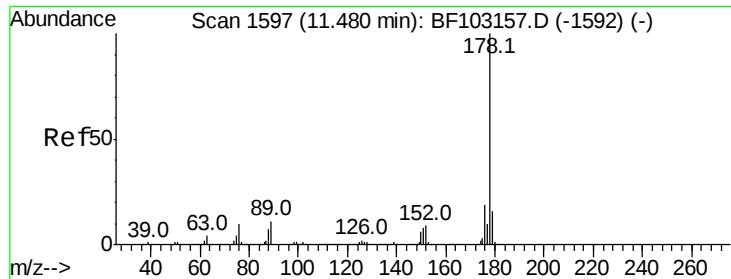
Tot Ion:266 Resp: 49530
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.1 76.7
 264 69.2 49.5 74.3



#70
 Phenanthrene
 Concen: 38.126 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:178 Resp: 881204
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6

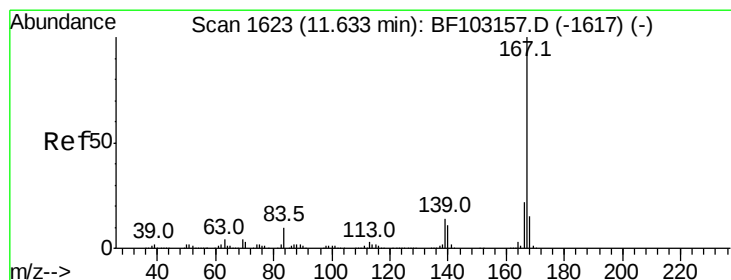
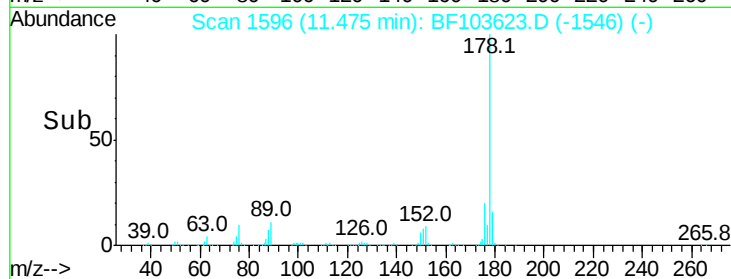
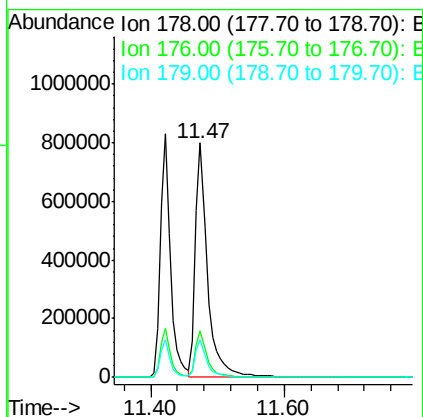
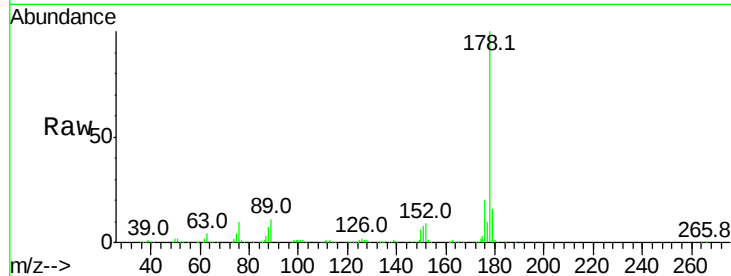




#71
 Anthracene
 Concen: 40.900 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

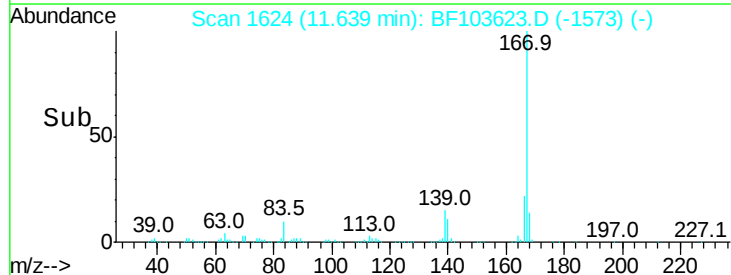
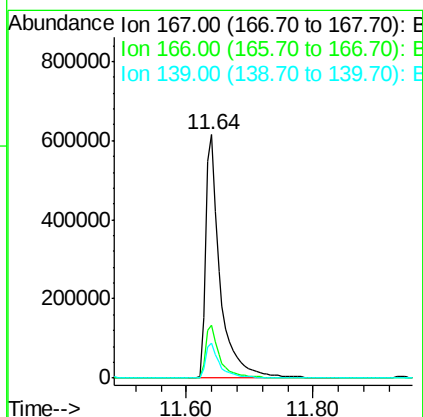
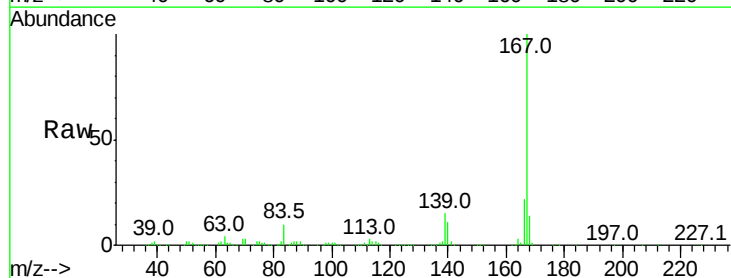
Instrument :
 BNA_F
 ClientSampleId :

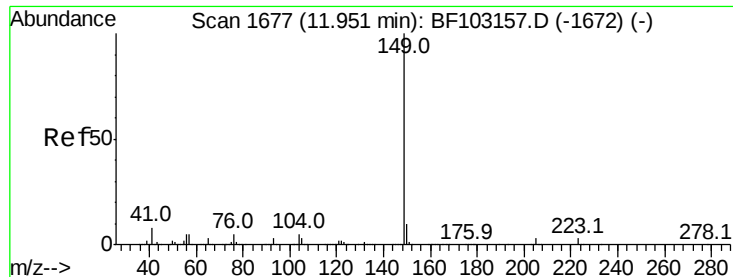
Tot Ion:178 Resp: 969364
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 41.322 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:167 Resp: 975299
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.5 10.9 16.3

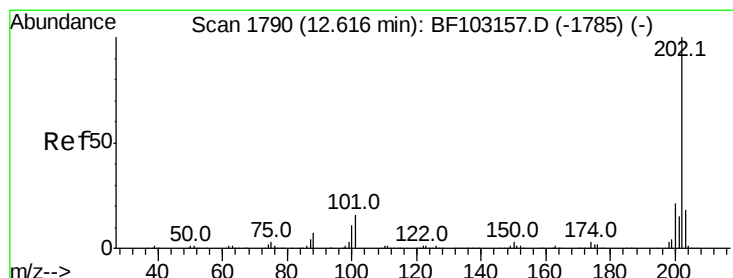
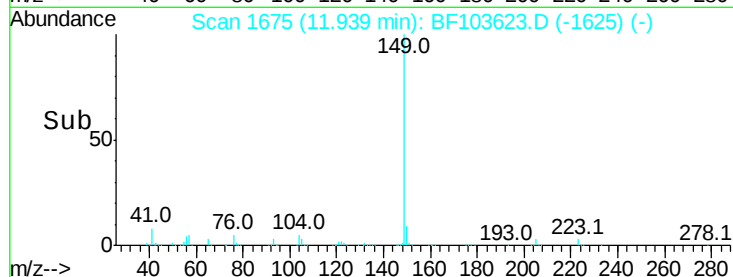
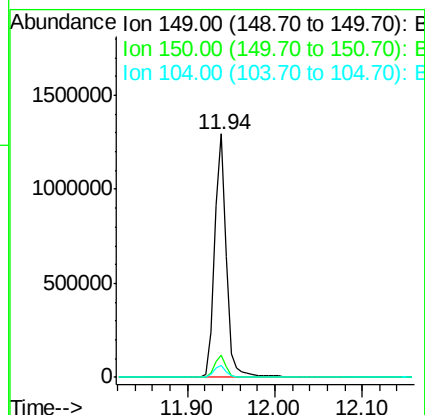
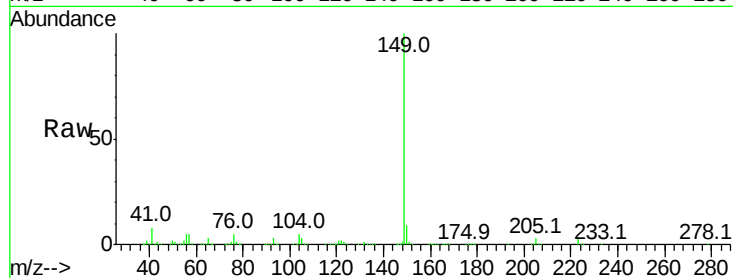




#73
Di-n-butylphthalate
Concen: 40.916 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

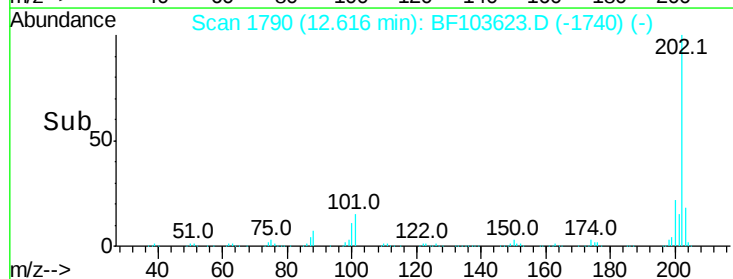
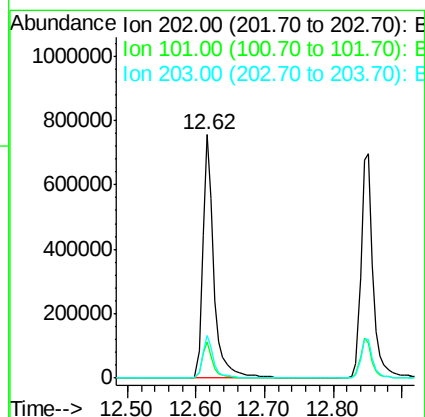
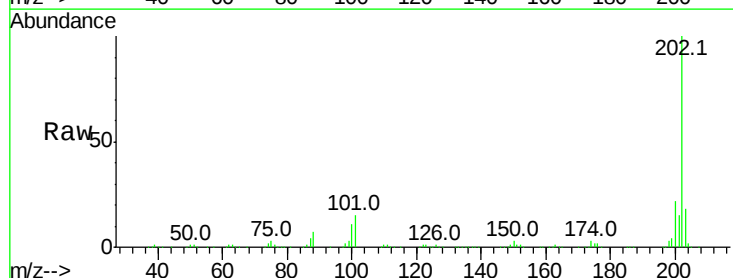
Instrument :
BNA_F
ClientSampleId :

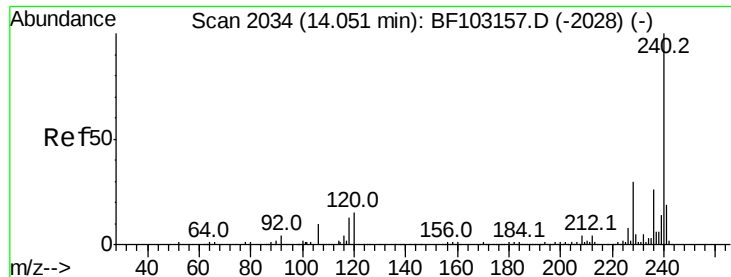
Tot Ion:149 Resp: 1208392
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 37.034 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:202 Resp: 860167
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 17.6 0.0 38.1

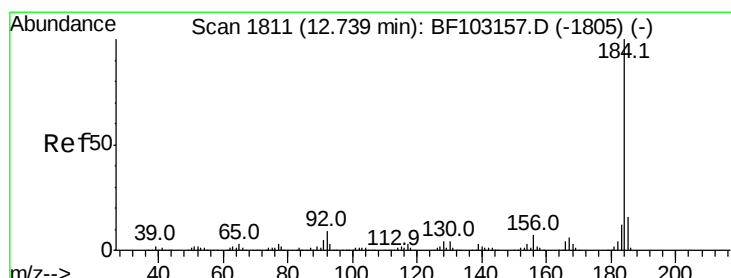
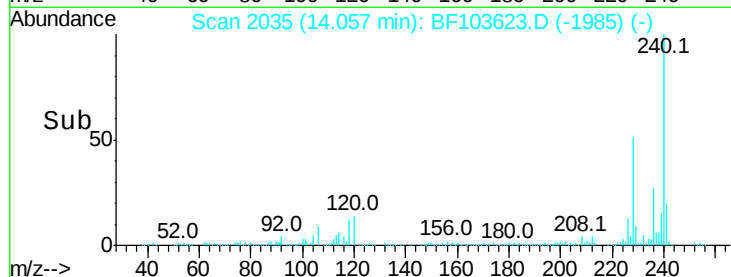
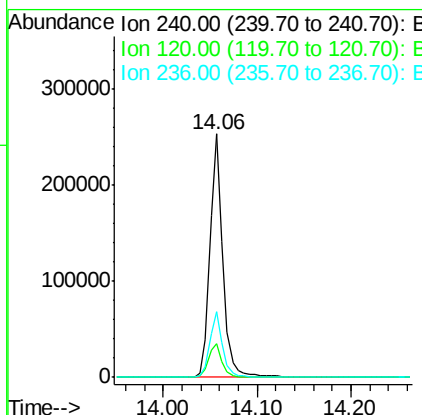
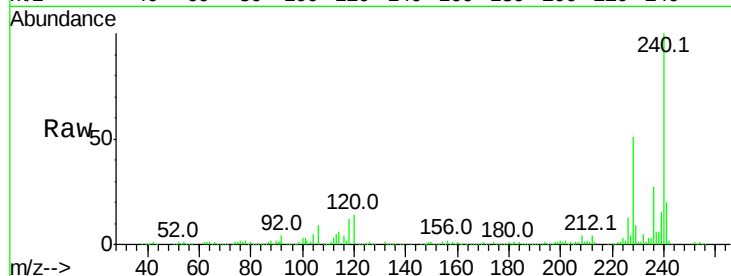




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

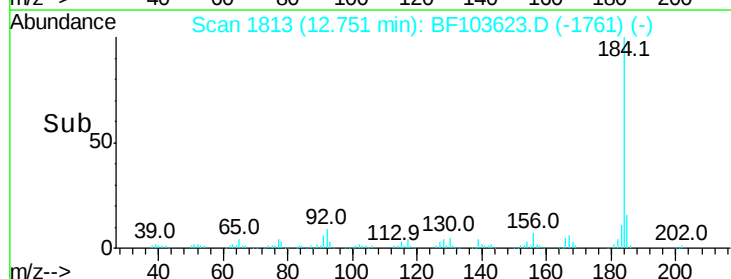
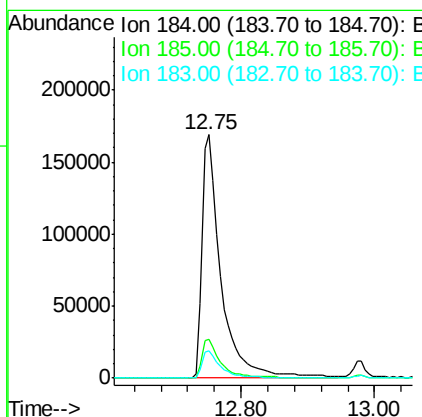
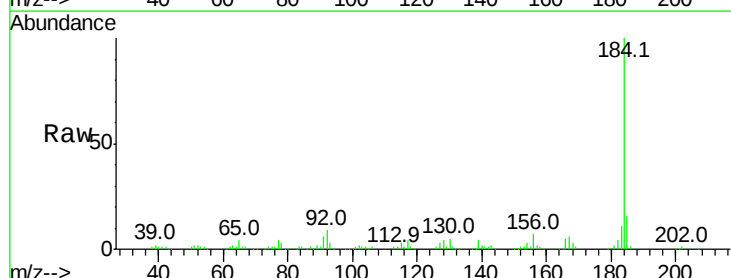
Instrument :
BNA_F
ClientSampleId :

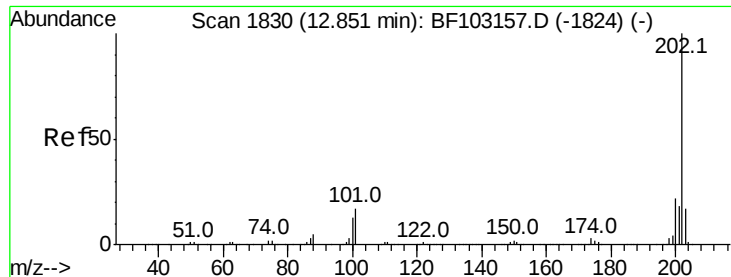
Tot Ion:240 Resp: 246377
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.9 20.7 31.1



#76
Benzidine
Concen: 35.807 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:184 Resp: 329809
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 11.1 9.3 13.9

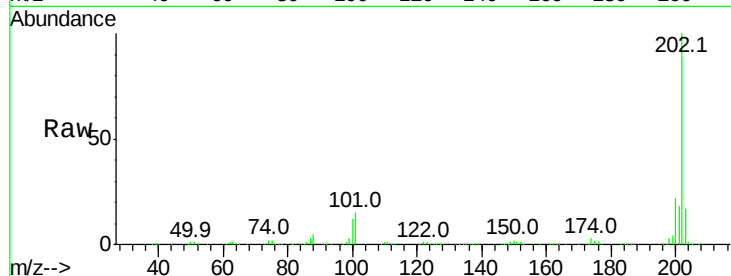




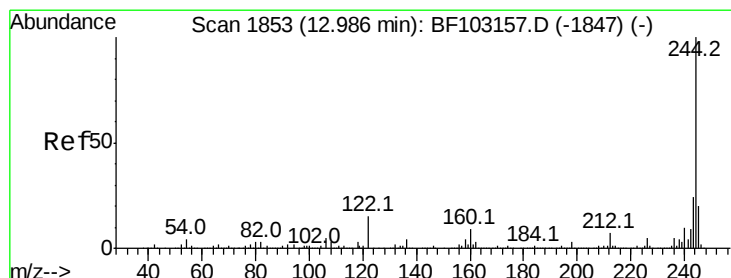
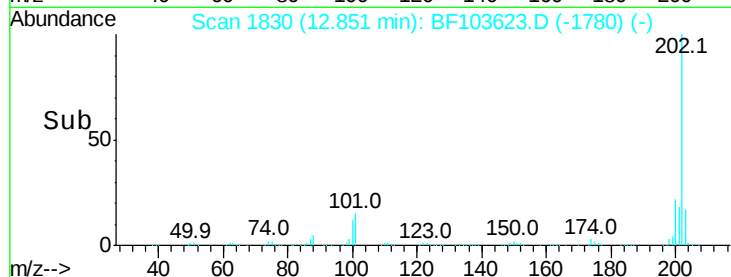
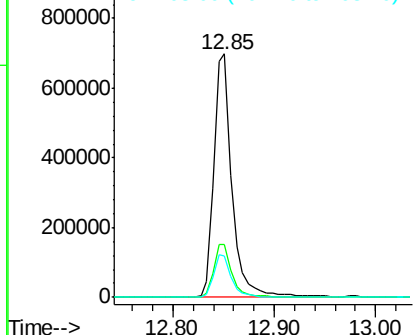
#77
Pvrene
Concen: 44.944 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 863337
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.2 14.3 21.5

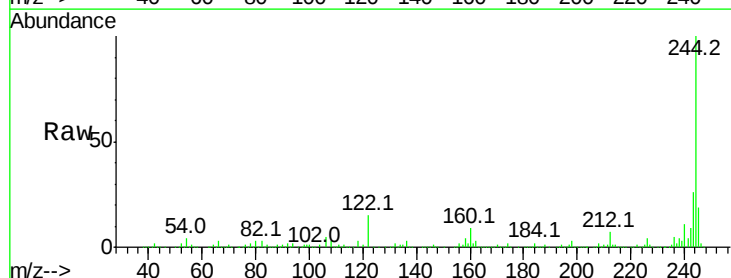


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

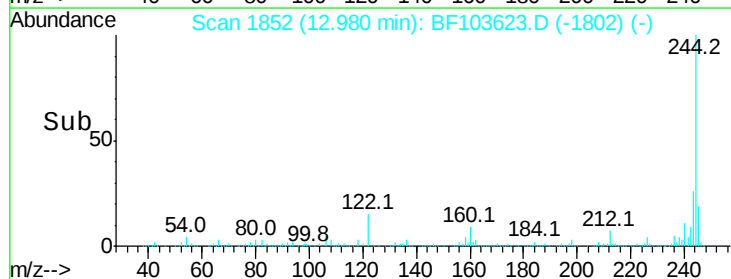
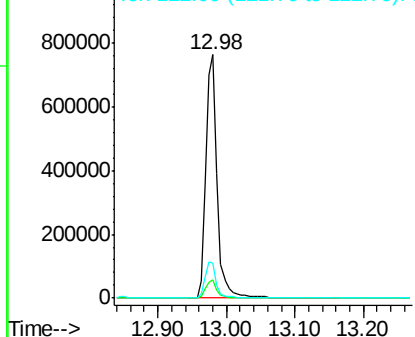


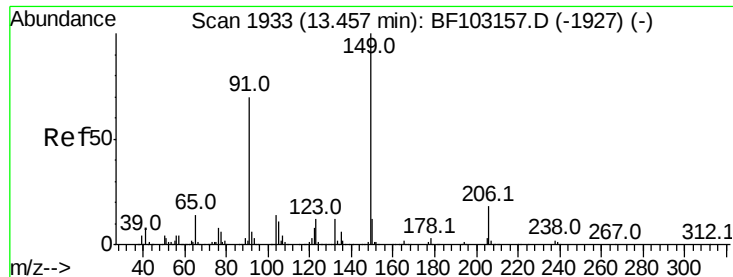
#78
Terphenyl-d14
Concen: 88.126 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:244 Resp: 903219
Ion Ratio Lower Upper
244 100
212 7.4 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

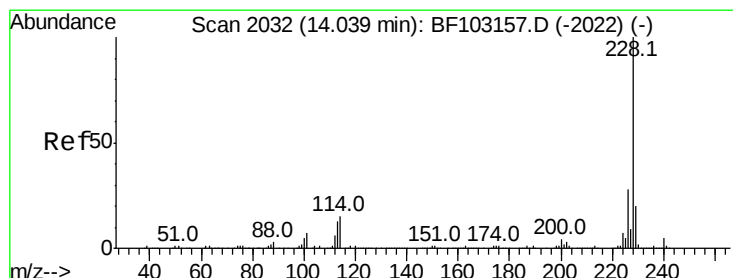
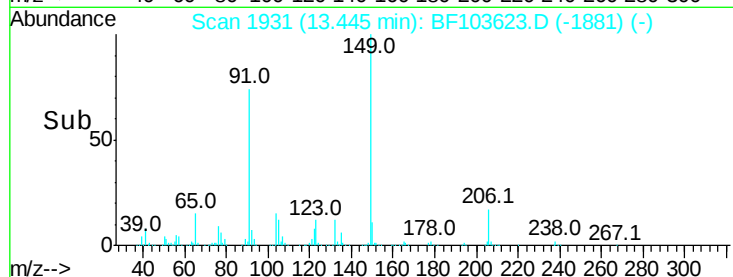
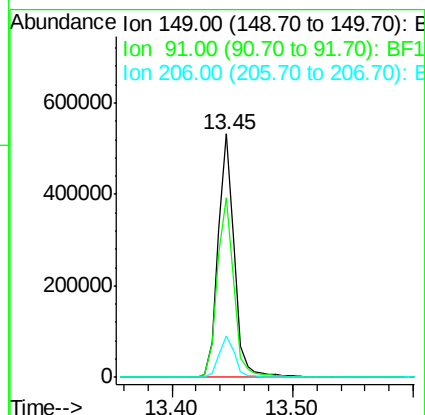
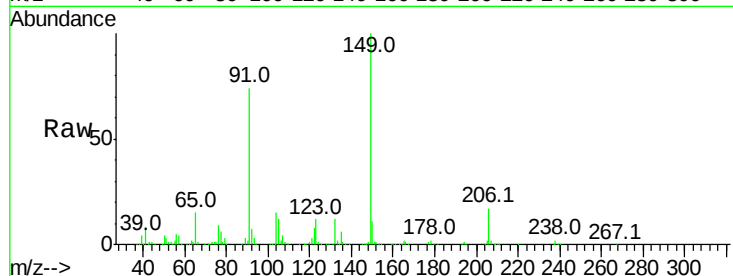




#79
Butylbenzylphthalate
Concen: 47.688 ng
RT: 13.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

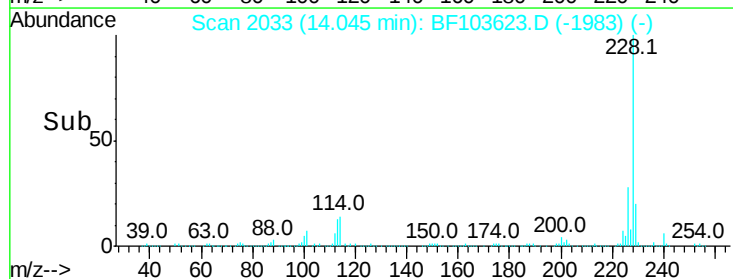
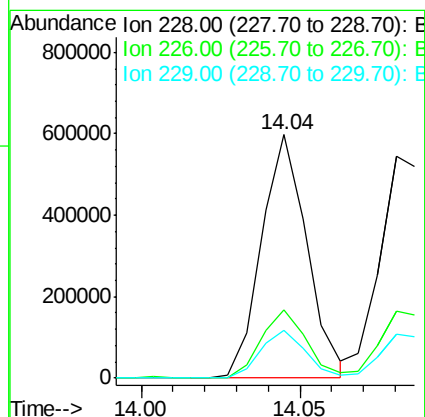
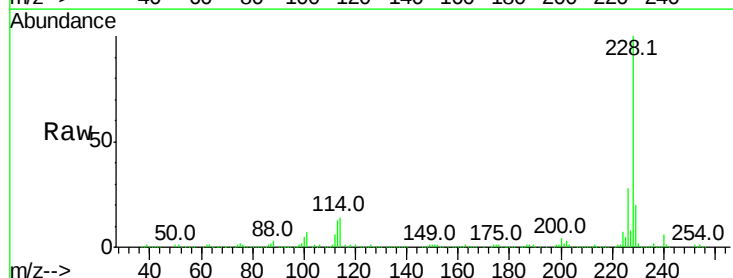
Instrument :
BNA_F
ClientSampleId :

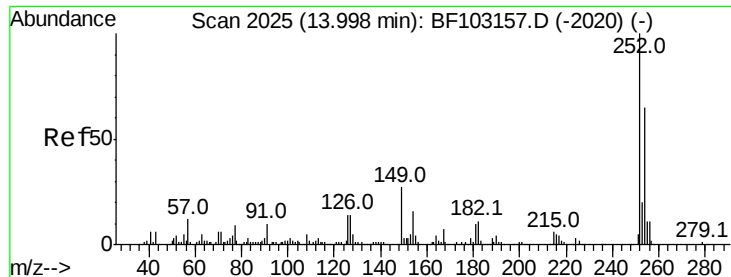
Tot Ion:149 Resp: 483979
Ion Ratio Lower Upper
149 100
91 73.9 56.8 85.2
206 16.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.392 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:228 Resp: 597749
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.8 15.8 23.6

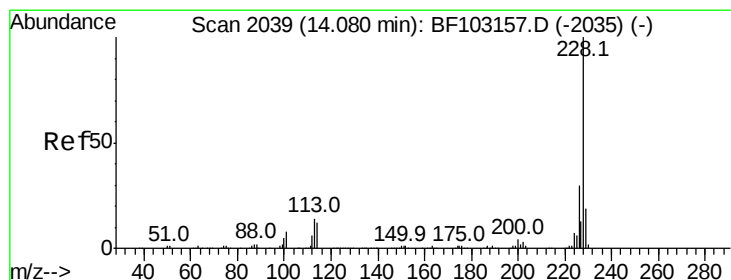
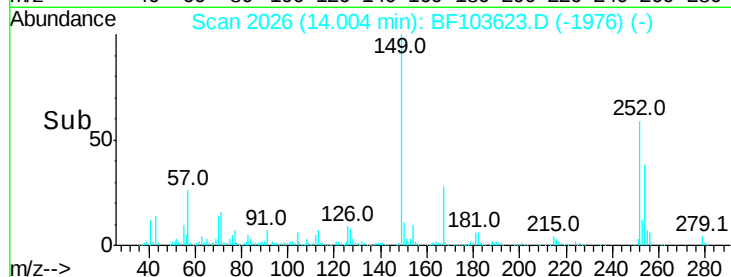
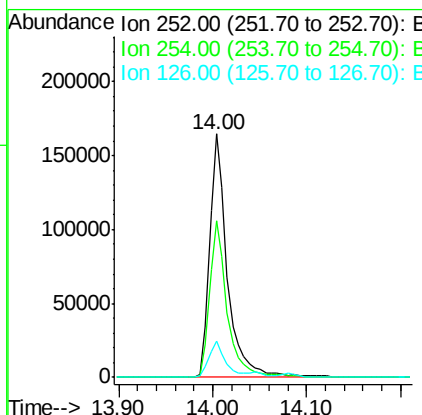
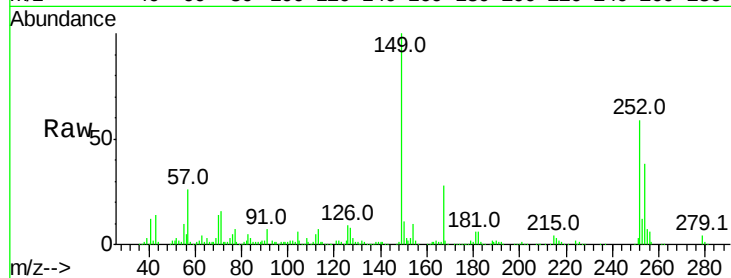




#81
 3,3'-Dichlorobenzidine
 Concen: 38.572 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

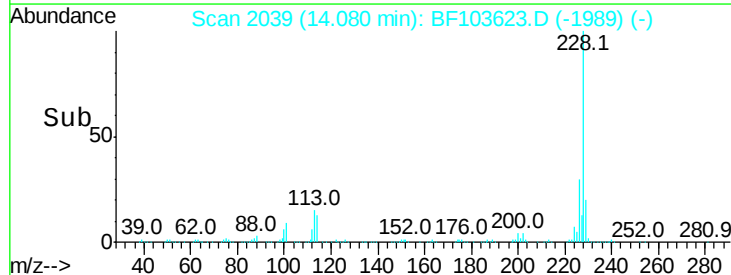
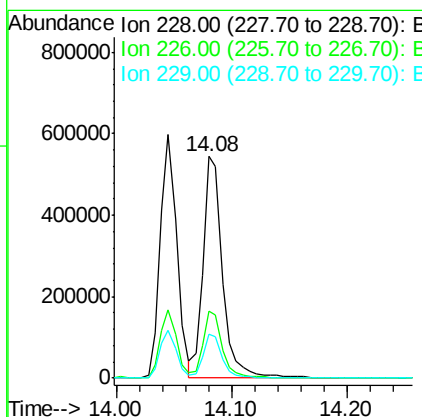
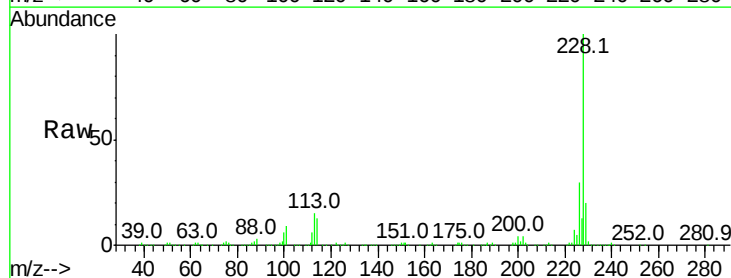
Instrument :
 BNA_F
 ClientSampleId :

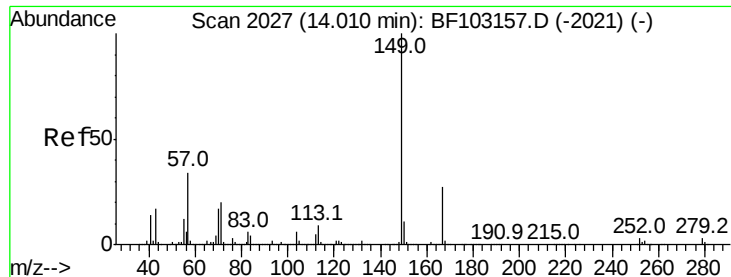
Tot Ion:252 Resp: 220054
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 15.1 11.3 16.9



#82
 Chrysene
 Concen: 41.251 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103623.D
 Acq: 14 Mar 2018 1:54

Tgt Ion:228 Resp: 640297
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.8 16.2 24.4

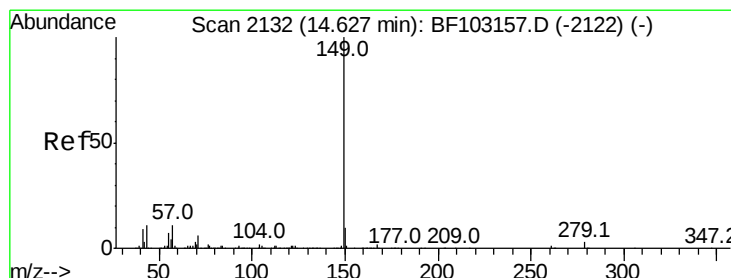
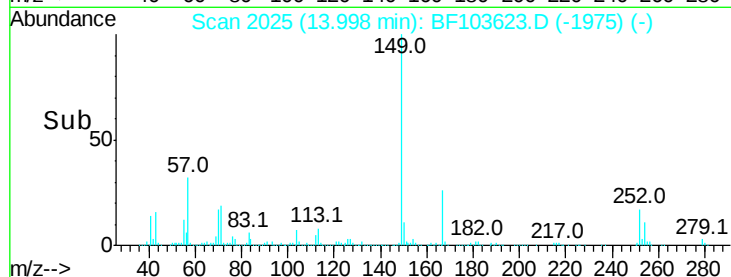
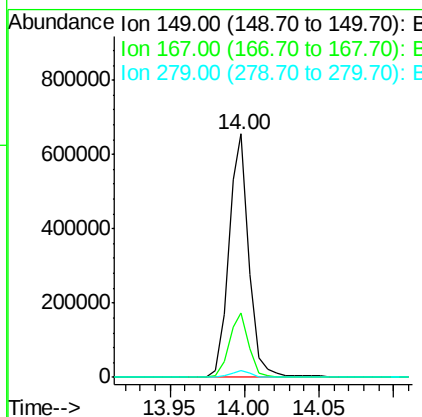
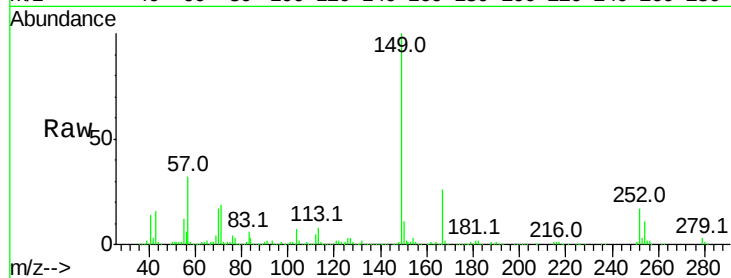




#83
Bis(2-ethylhexyl)phthalate
Concen: 45.381 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

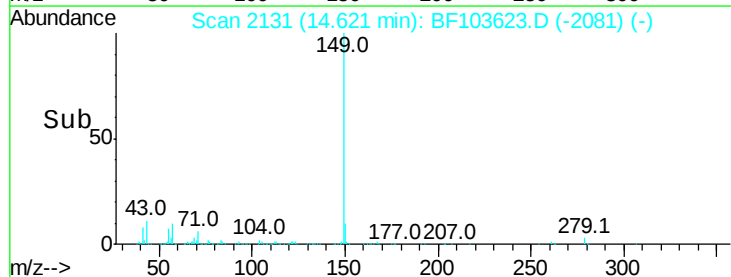
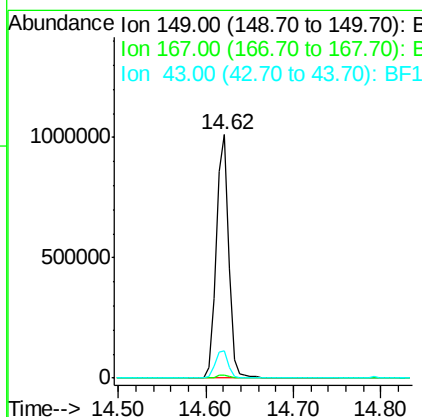
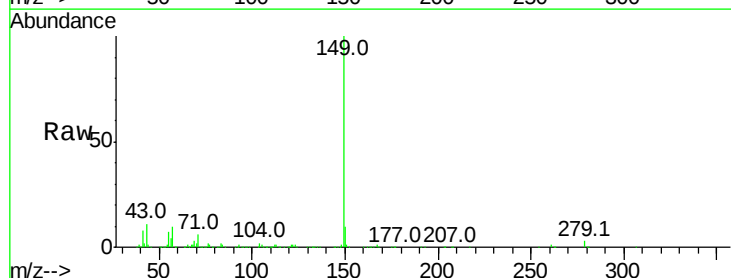
Instrument :
BNA_F
ClientSampleId :

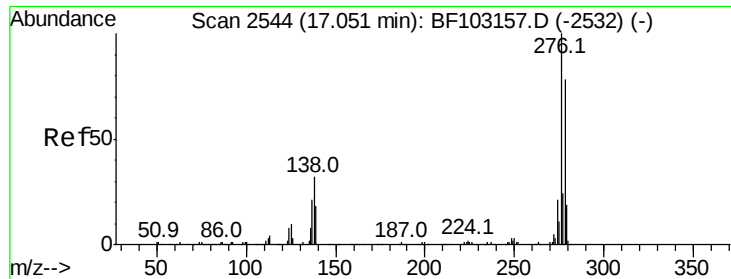
Tot Ion:149 Resp: 621527
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 3.0 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 45.402 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:149 Resp: 1004644
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.7 8.4 12.6

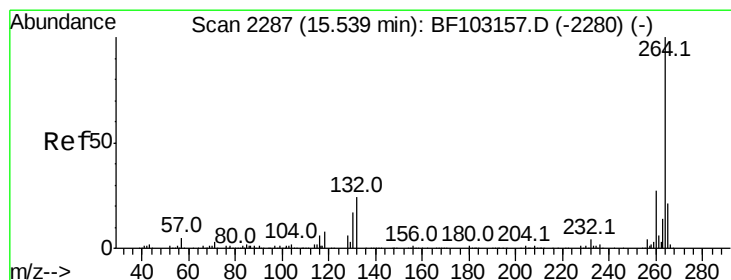
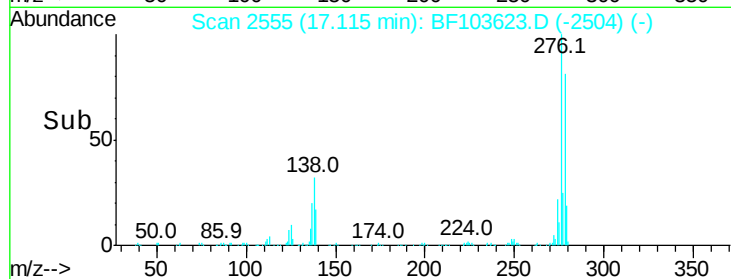
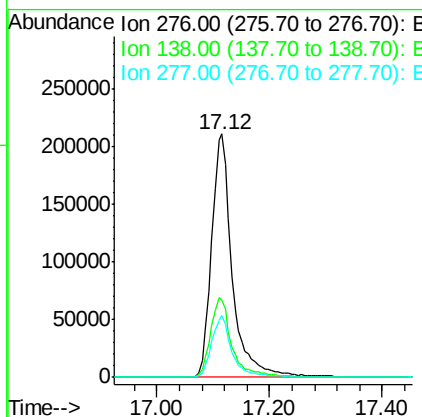
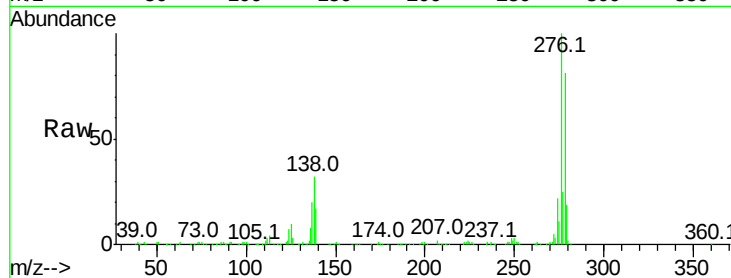




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.883 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

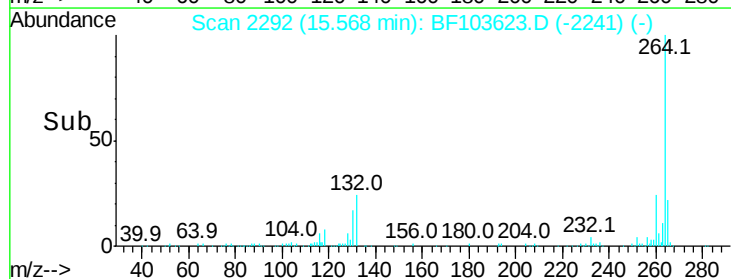
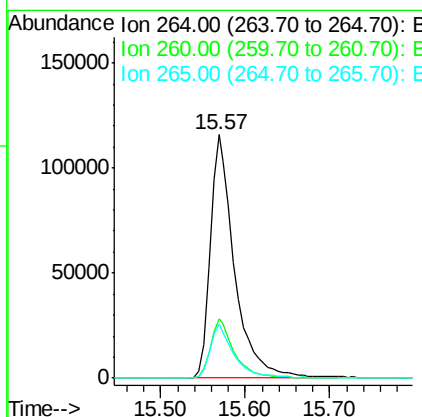
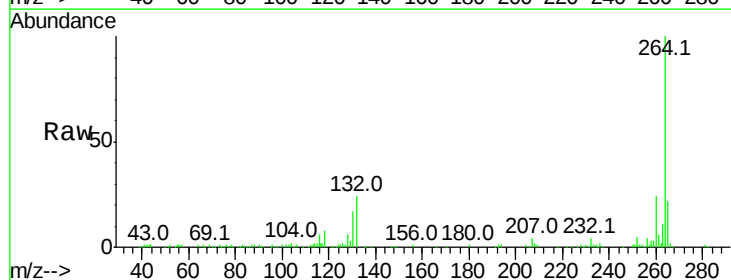
Instrument :
BNA_F
ClientSampleId :

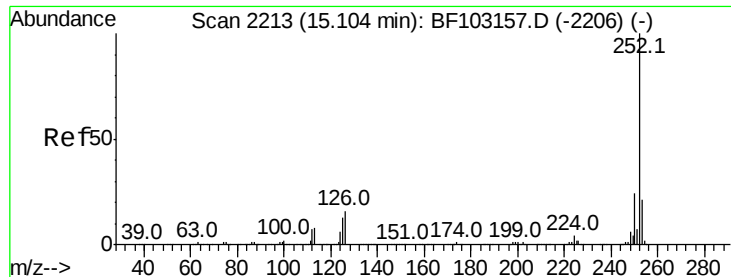
Tot Ion:276 Resp: 539243
Ion Ratio Lower Upper
276 100
138 33.5 25.0 37.6
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:264 Resp: 232947
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.3 17.5 26.3

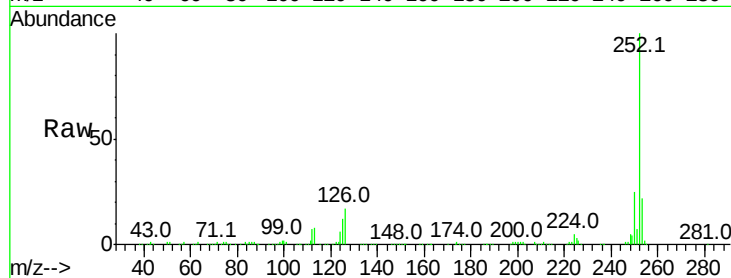




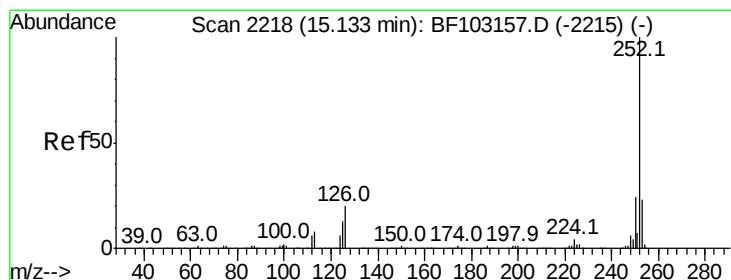
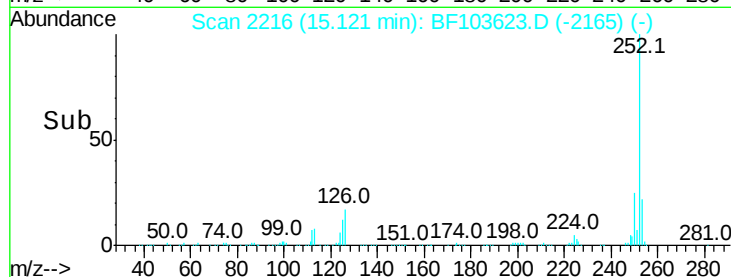
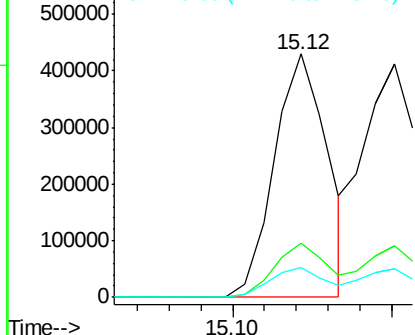
#87
Benzo(b)fluoranthene
Concen: 32.670 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 500381
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.1 9.0 13.6

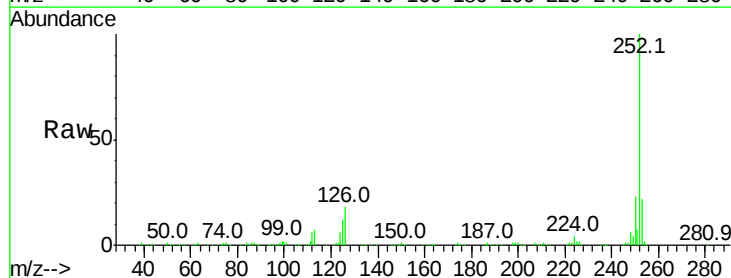


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

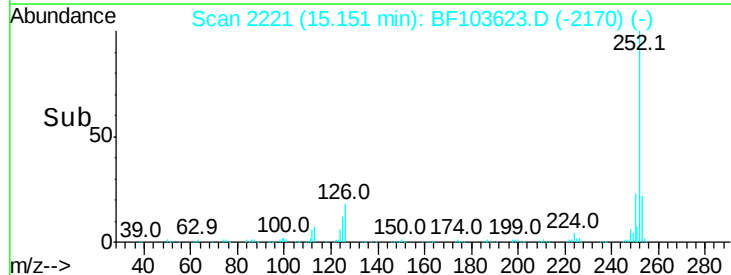
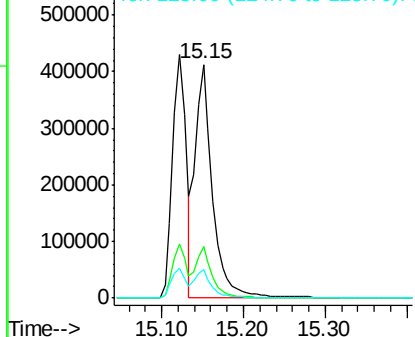


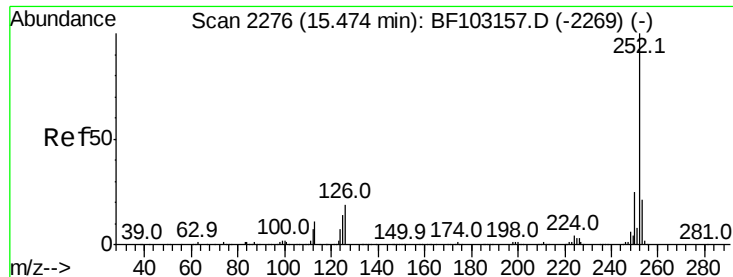
#88
Benzo(k)fluoranthene
Concen: 42.151 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103623.D
Acq: 14 Mar 2018 1:54

Tgt Ion:252 Resp: 607929
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.767 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

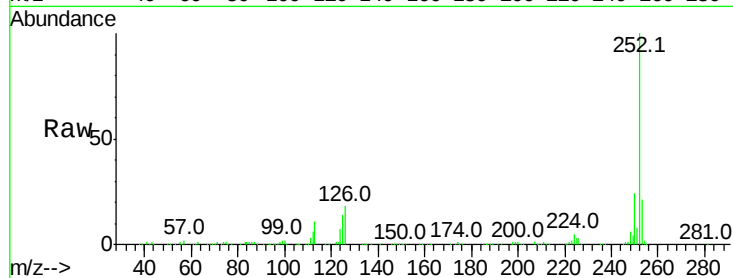
Tot Ion:252 Resp: 516544

Ion Ratio Lower Upper

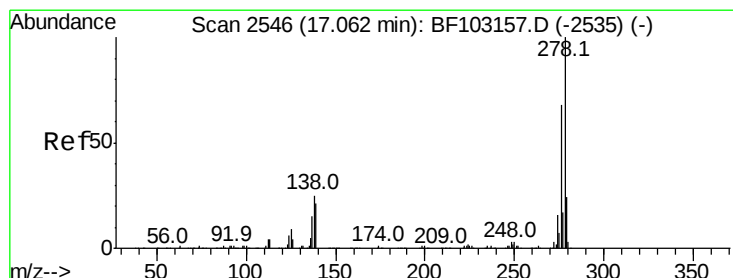
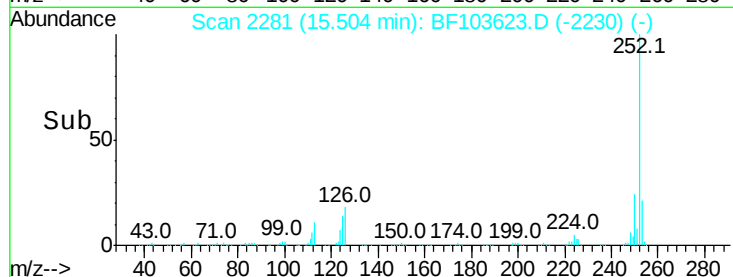
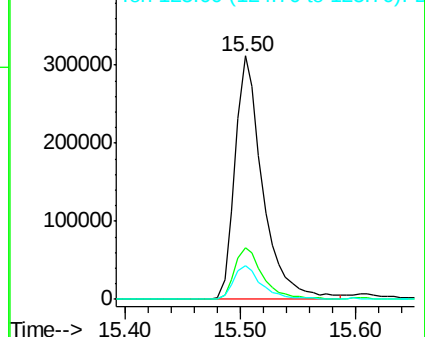
252 100

253 21.2 17.1 25.7

125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.445 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

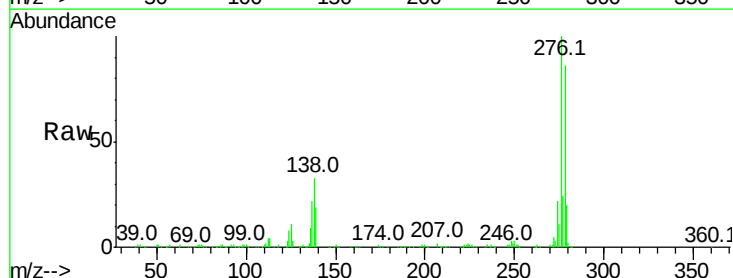
Tgt Ion:278 Resp: 459154

Ion Ratio Lower Upper

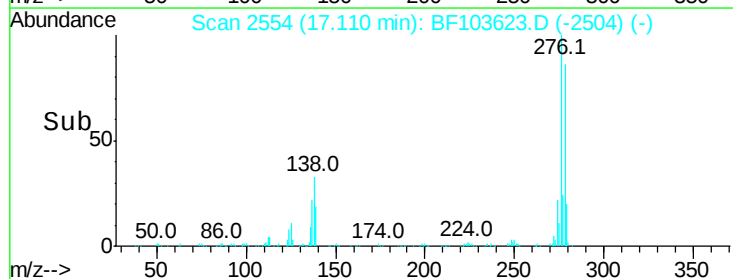
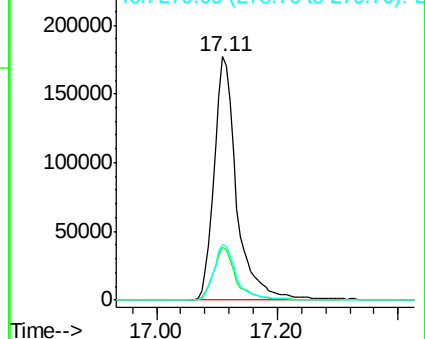
278 100

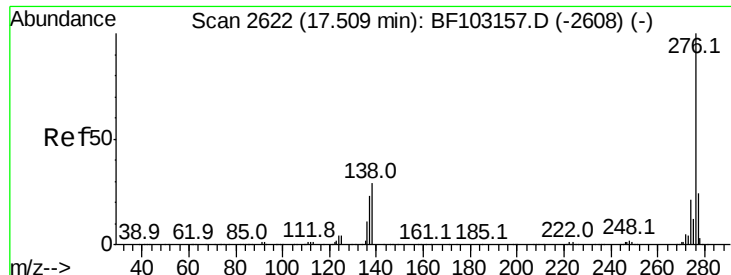
139 21.9 15.9 23.9

279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.941 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103623.D

Acq: 14 Mar 2018 1:54

Instrument :

BNA_F

ClientSampleId :

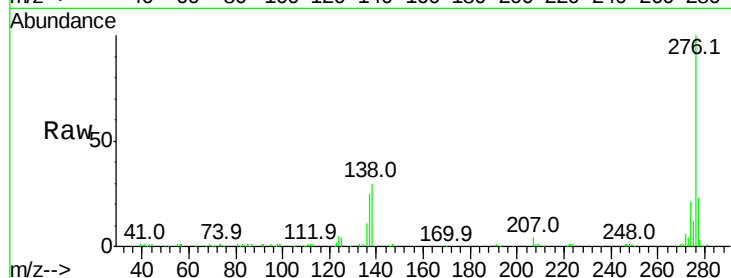
Tot Ion:276 Resp: 443546

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 29.6 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

