

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103313.D
 Acq On : 1 Mar 2018 00:18
 Operator : SJ/JU
 Sample : J1721-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 01:19:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148866	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	610533	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	242565	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	348733	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233334	20.00	ng	0.00
86) Perylene-d12	15.56	264	201508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1109577	112.73	ng	0.01
7) Phenol-d6	6.52	99	1288163	106.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	798137	74.66	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	176887	86.15	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1038410	70.85	ng	0.00
78) Terphenyl-d14	12.99	244	672594	69.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	195670	37.639	ng	91
3) Pyridine	3.48	79	540269	38.928	ng	96
4) n-Nitrosodimethylamine	3.43	42	292734	52.299	ng	# 88
6) Aniline	6.54	93	213661	12.292	ng	# 72
8) 2-Chlorophenol	6.66	128	412017	40.295	ng	91
9) Benzaldehyde	6.43	77	196093	23.848	ng	97
10) Phenol	6.53	94	544906	38.972	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	422632	39.826	ng	91
12) 1,3-Dichlorobenzene	6.82	146	426840	36.529	ng	97
13) 1,4-Dichlorobenzene	6.89	146	433121	36.971	ng	99
14) 1,2-Dichlorobenzene	7.05	146	393388	36.417	ng	99
15) Benzyl Alcohol	7.02	79	356569	39.287	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	658033	36.110	ng	87
17) 2-Methylphenol	7.13	107	337164	36.285	ng	94
18) Hexachloroethane	7.38	117	137151	32.159	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	271518	36.222	ng	97
20) 3+4-Methylphenols	7.29	107	411713	36.348	ng	# 49
22) Acetophenone	7.29	105	532229	37.347	ng	# 92
24) Nitrobenzene	7.46	77	444150	37.734	ng	99
25) Isophorone	7.70	82	805771	38.269	ng	98
26) 2-Nitrophenol	7.77	139	201710	36.402	ng	93
27) 2,4-Dimethylphenol	7.81	122	355660	41.991	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	510239	41.217	ng	99
29) 2,4-Dichlorophenol	8.02	162	318712	39.303	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	308097	35.679	ng	100
31) Naphthalene	8.18	128	1105775	36.994	ng	99
32) Benzoic acid	7.81	122	355660	55.361	ng	# 15
33) 4-Chloroaniline	8.23	127	110140	8.539	ng	98
34) Hexachlorobutadiene	8.29	225	152017	33.806	ng	99
35) Caprolactam	8.60	113	107934	37.872	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	342356	37.431	ng	99
37) 2-Methylnaphthalene	8.87	142	693285	35.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	257547	38.838	ng	99
40) Hexachlorocyclopentadiene	9.02	237	9503	12.496	ng	95

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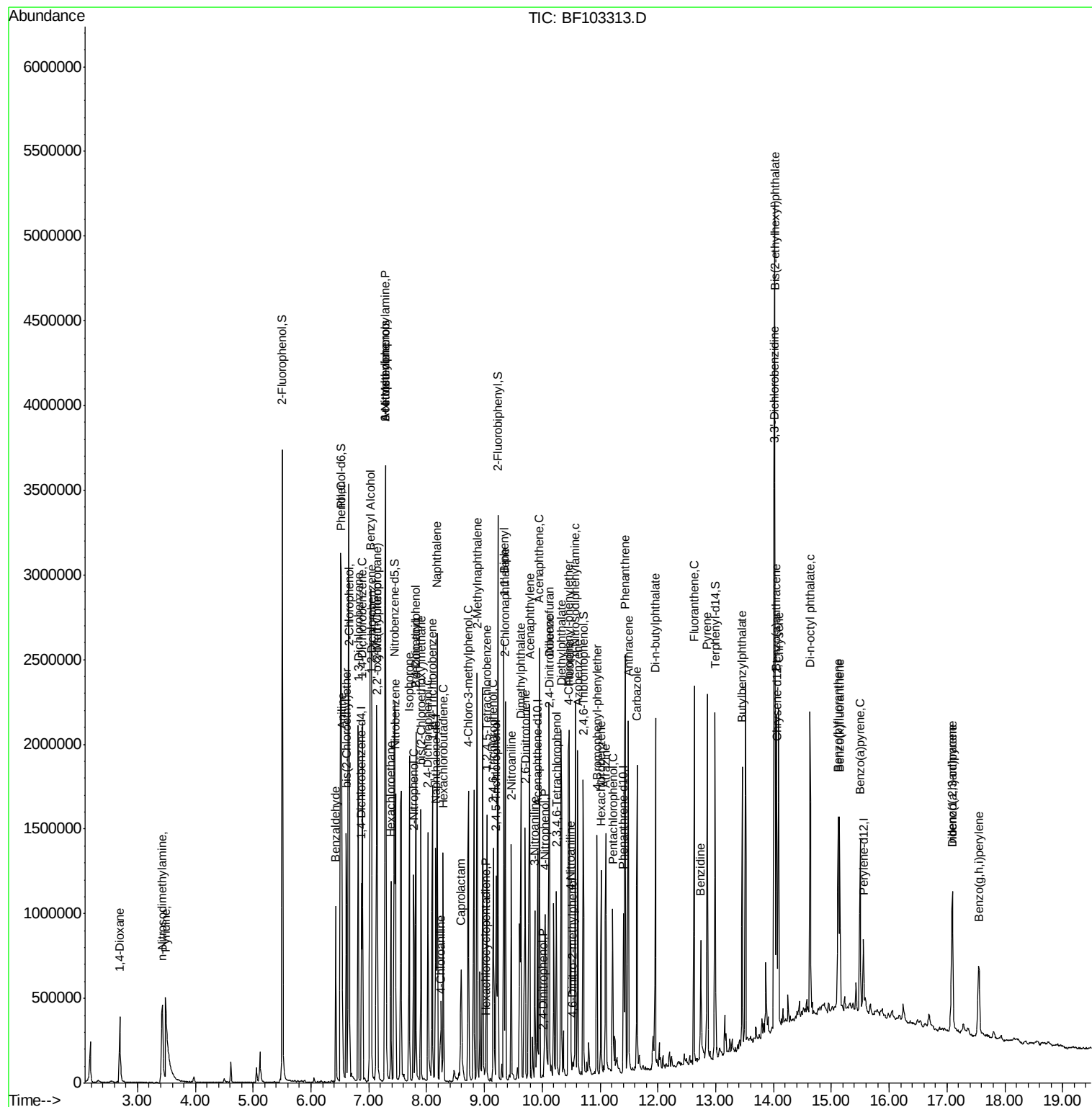
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	180951	40.554	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	186557	36.352	ng	97
45) 1,1'-Biphenyl	9.33	154	770991	37.932	ng	99
46) 2-Chloronaphthalene	9.36	162	597686	37.169	ng	99
47) 2-Nitroaniline	9.46	65	240592	40.392	ng	88
48) Acenaphthylene	9.78	152	890720	36.001	ng	99
49) Dimethylphthalate	9.63	163	856050	43.993	ng	100
50) 2,6-Dinitrotoluene	9.70	165	151202	37.027	ng	95
51) Acenaphthene	9.95	154	521189	36.126	ng	99
52) 3-Nitroaniline	9.87	138	141267	27.267	ng	99
53) 2,4-Dinitrophenol	10.00	184	1474	10.500	ng	# 16
54) Dibenzofuran	10.12	168	752838	38.013	ng	97
55) 4-Nitrophenol	10.05	139	187778	58.480	ng	92
56) 2,4-Dinitrotoluene	10.11	165	177213	34.313	ng	# 88
57) Fluorene	10.47	166	576503	34.172	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	118958	34.506	ng	96
59) Diethylphthalate	10.33	149	681196	36.602	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	257389	35.977	ng	95
61) 4-Nitroaniline	10.49	138	148451	28.688	ng	95
62) Azobenzene	10.62	77	670730	35.406	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5480	7.262	ng	91
65) n-Nitrosodiphenylamine	10.57	169	504768	41.571	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	141493	38.949	ng	96
67) Hexachlorobenzene	11.02	284	136722	34.675	ng	99
68) Atrazine	11.10	200	147161	40.322	ng	97
69) Pentachlorophenol	11.22	266	106194	55.701	ng	98
70) Phenanthrene	11.43	178	882086	45.961	ng	98
71) Anthracene	11.49	178	752553	38.239	ng	100
72) Carbazole	11.64	167	710476	36.252	ng	99
73) Di-n-butylphthalate	11.96	149	957176	39.032	ng	98
74) Fluoranthene	12.63	202	868157	45.016	ng	99
76) Benzidine	12.74	184	296614	34.003	ng	98
77) Pyrene	12.86	202	868435	47.737	ng	100
79) Butylbenzylphthalate	13.46	149	354304	36.862	ng	91
80) Benzo(a)anthracene	14.05	228	711302	46.983	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	161762	29.939	ng	99
82) Chrysene	14.09	228	640000	43.537	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1769331	136.411	ng	100
84) Di-n-octyl phthalate	14.63	149	832994	39.749	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	431716	37.096	ng	97
87) Benzo(b)fluoranthene	15.12	252	639635	48.278	ng	97
88) Benzo(k)fluoranthene	15.15	252	519134	41.611	ng	99
89) Benzo(a)pyrene	15.50	252	536396	45.337	ng	# 96
90) Dibenzo(a,h)anthracene	17.10	278	330816	36.185	ng	97
91) Benzo(g,h,i)perylene	17.55	276	359206	40.202	ng	96

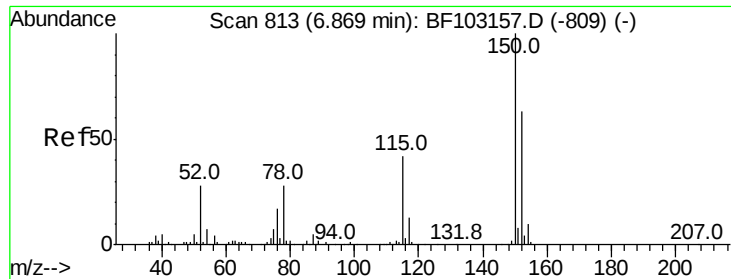
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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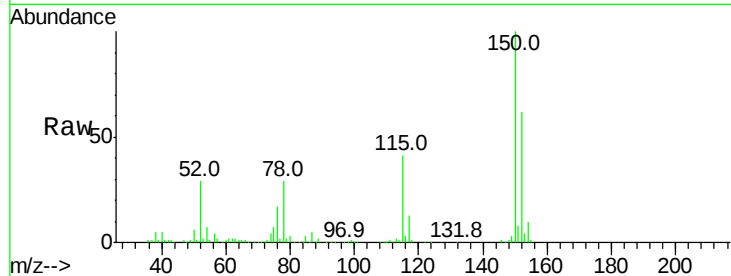


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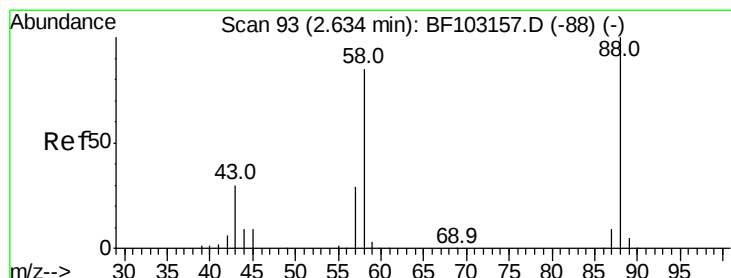
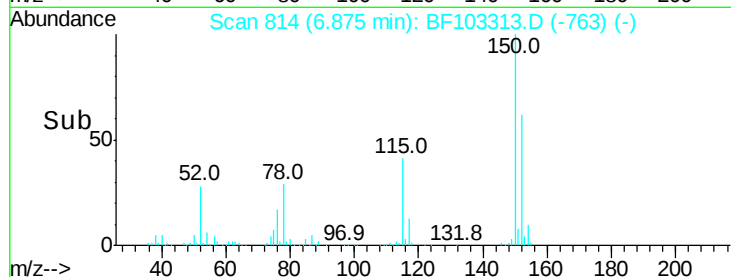
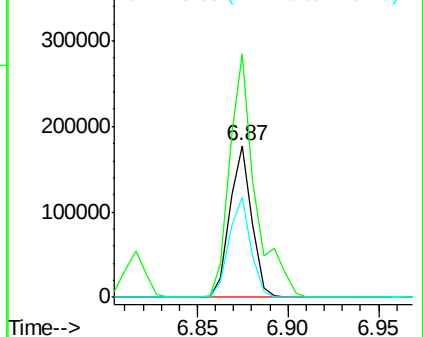
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148866
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 65.6 50.1 75.1



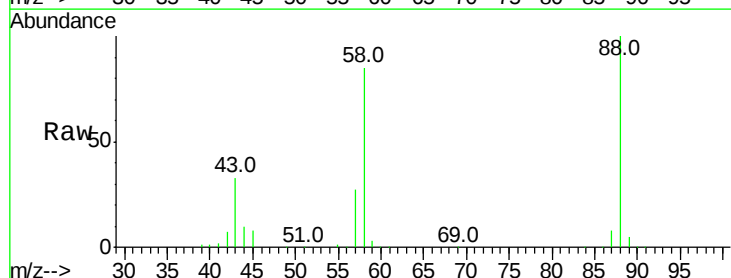
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



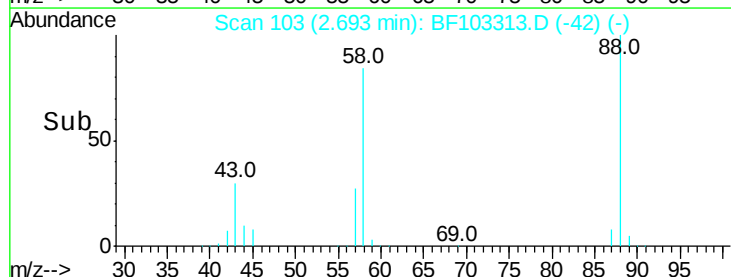
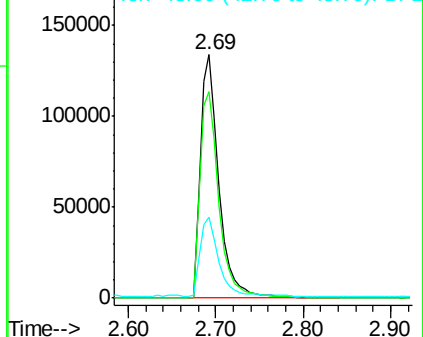
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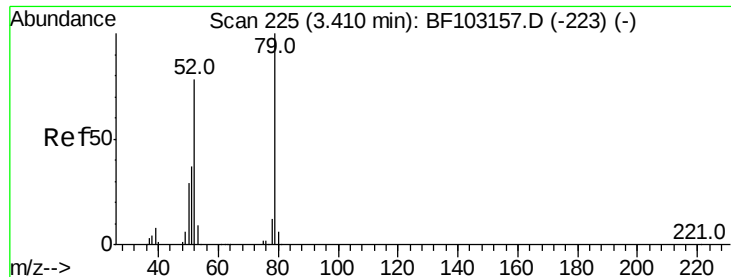
1,4-Dioxane
Concen: 37.639 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion: 88 Resp: 195670
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 33.0 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

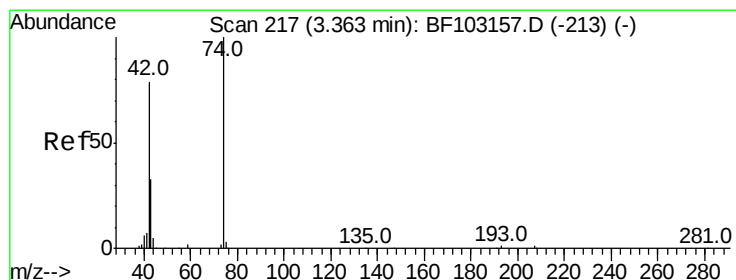
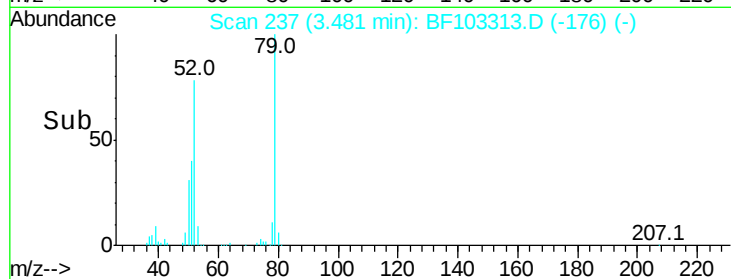
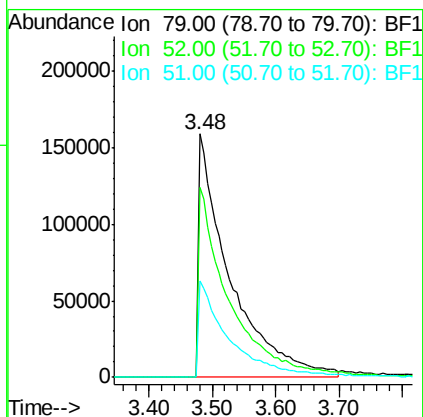
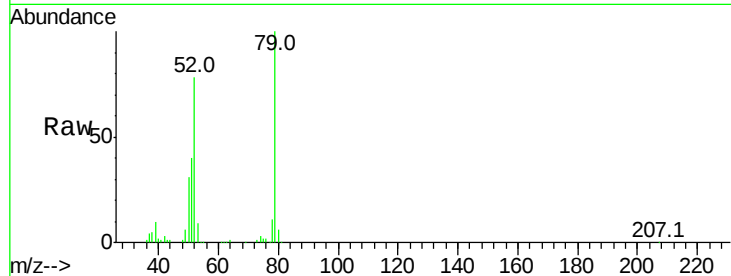




#3
 Pvridine
 Concen: 38.928 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

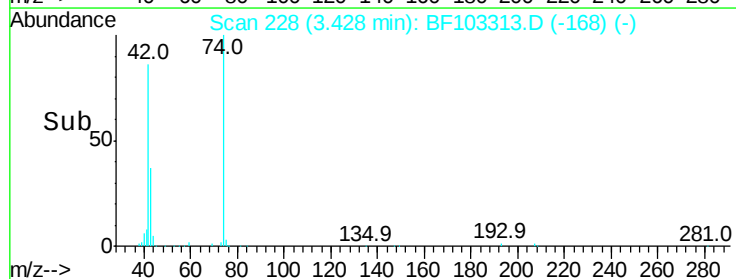
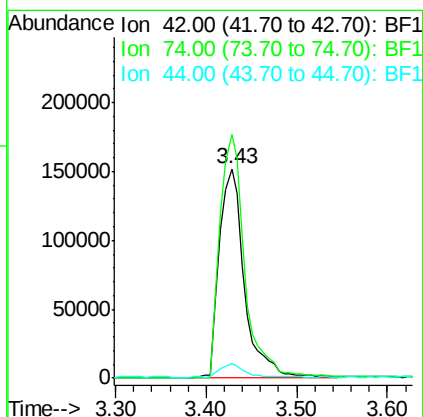
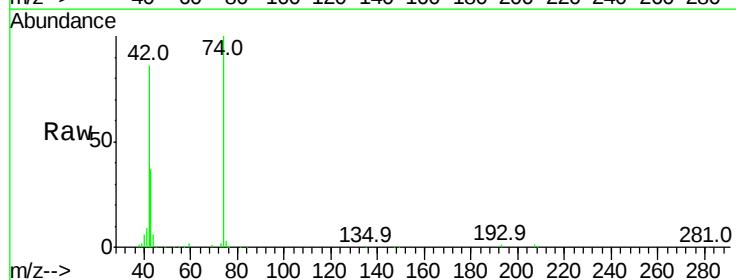
Instrument :
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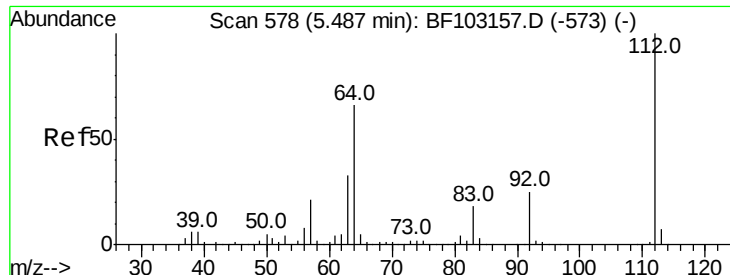
Tot Ion: 79 Resp: 540269
 Ion Ratio Lower Upper
 79 100
 52 78.2 59.8 89.6
 51 39.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 52.299 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.05 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion: 42 Resp: 292734
 Ion Ratio Lower Upper
 42 100
 74 116.3 104.9 157.3
 44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 112.729 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

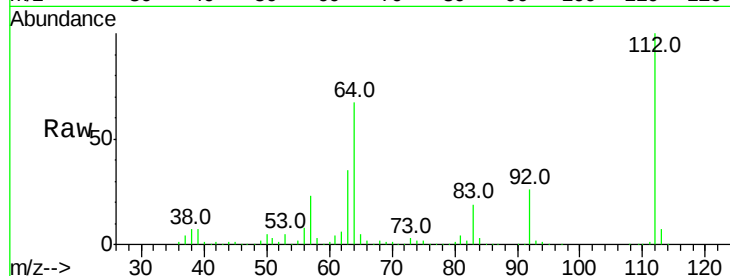
Tot Ion:112 Resp: 1109577

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

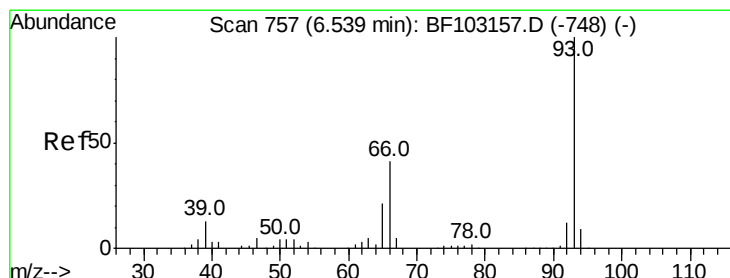
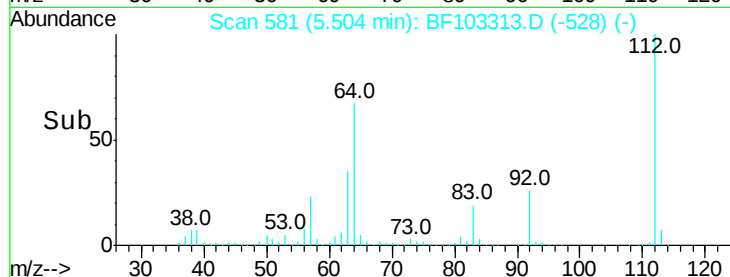
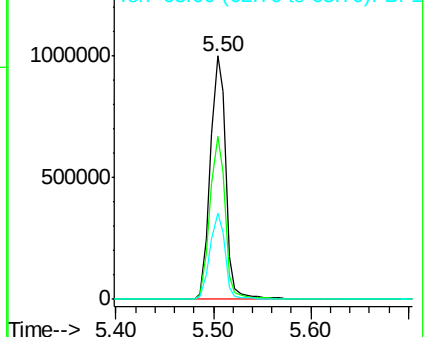
63 35.3 23.7 35.5



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: 12.292 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

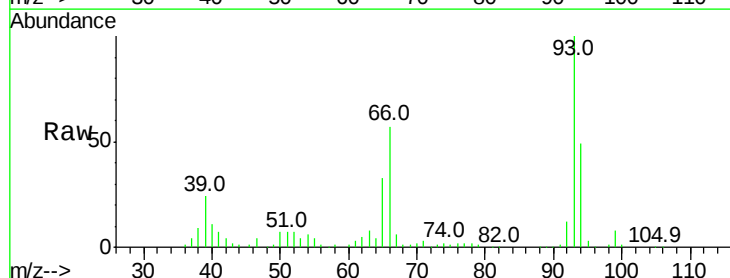
Tgt Ion: 93 Resp: 213661

Ion Ratio Lower Upper

93 100

66 57.5 32.2 48.2#

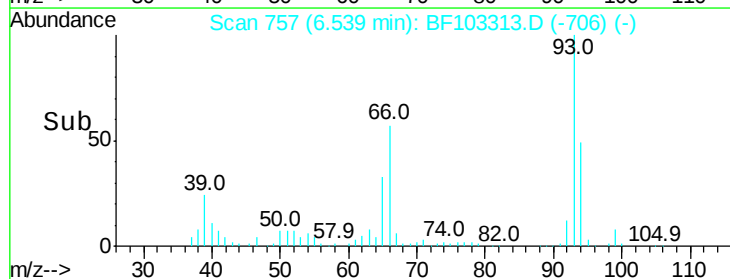
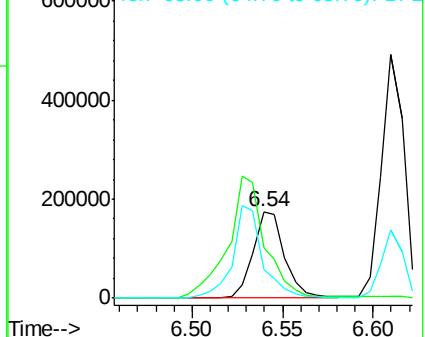
65 33.4 16.4 24.6#

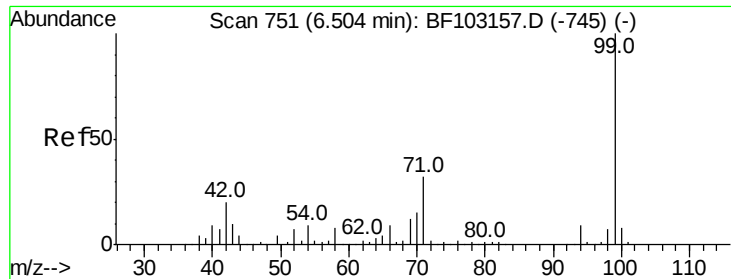


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.953 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

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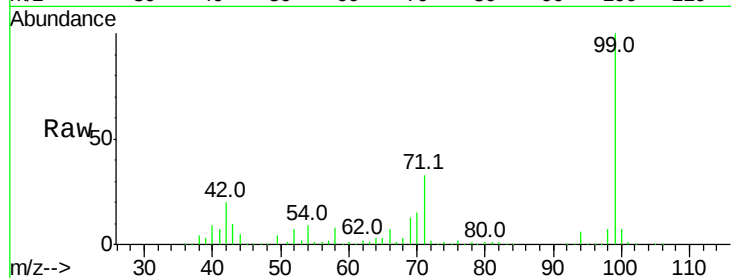
Tot Ion: 99 Resp: 1288163

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

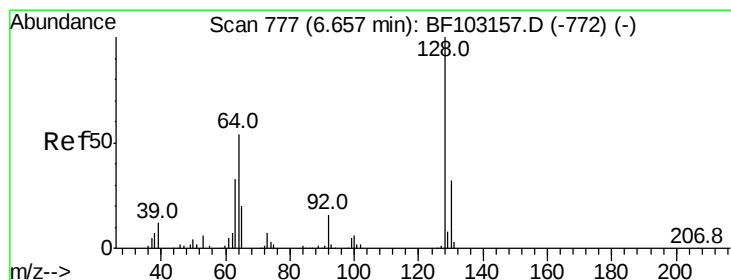
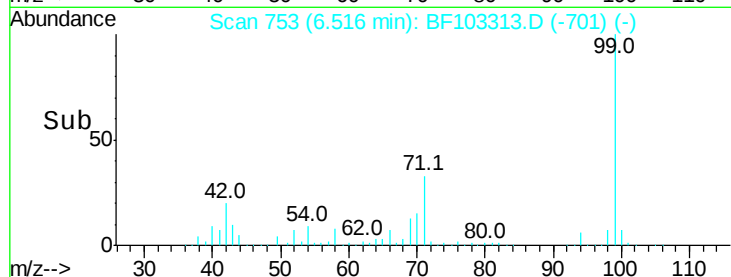
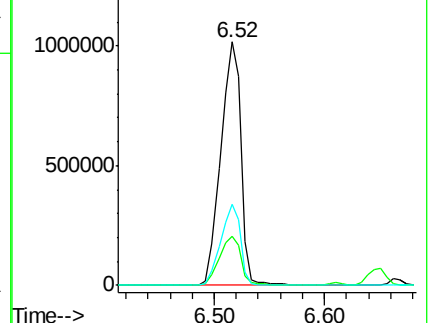
71 33.2 25.4 38.0



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: 40.295 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

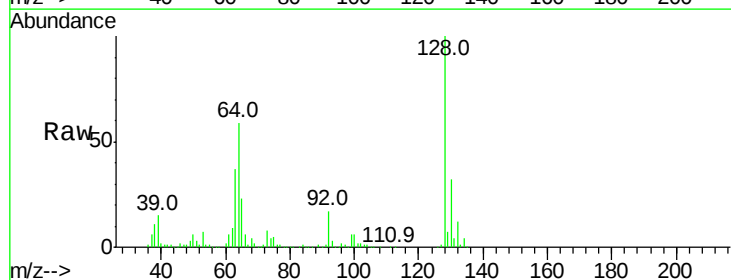
Tgt Ion:128 Resp: 412017

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

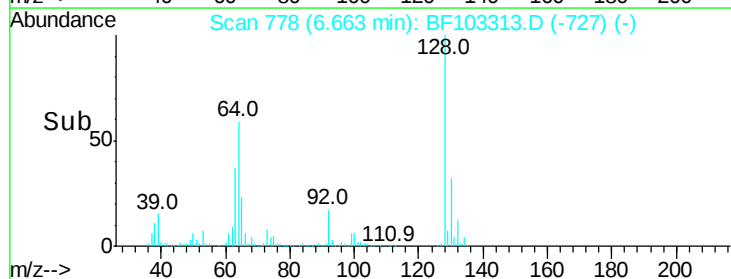
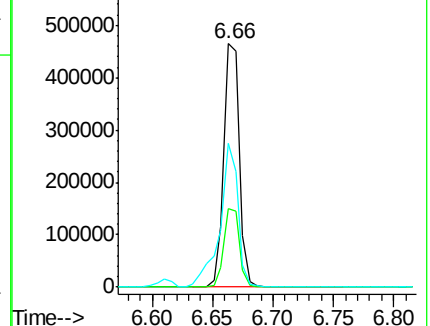
64 59.2 29.4 69.4

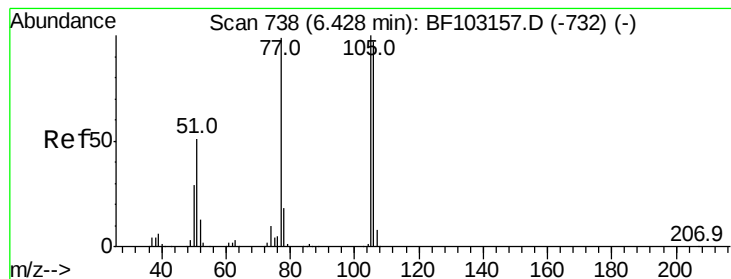


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.848 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

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ClientSampleId :

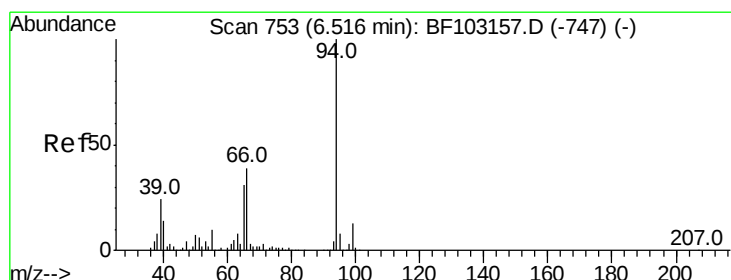
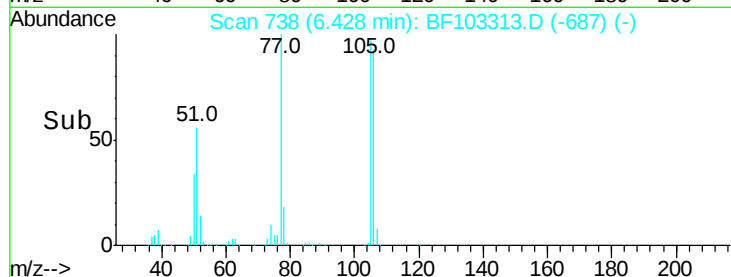
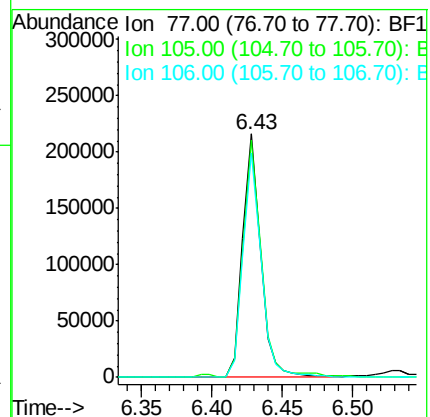
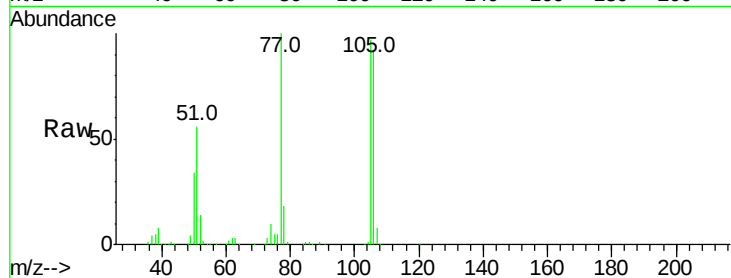
Tot Ion: 77 Resp: 196093

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

106 92.2 74.5 114.5



#10

Phenol

Concen: 38.972 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

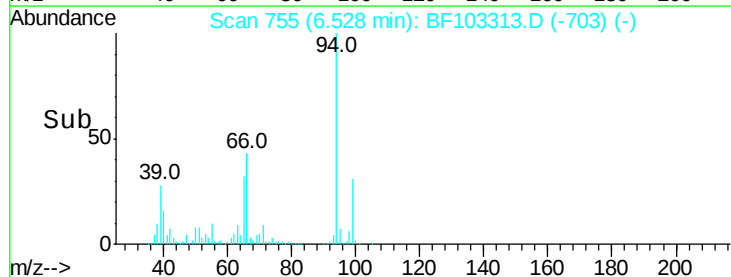
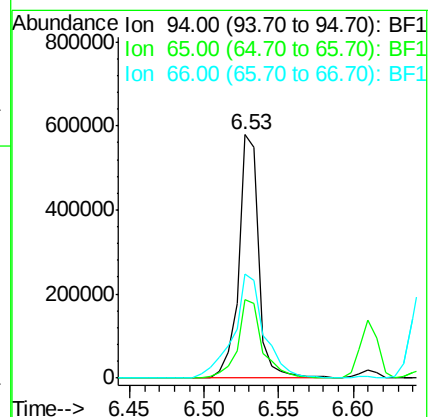
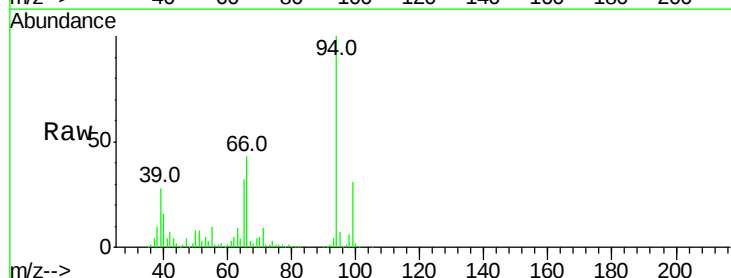
Tgt Ion: 94 Resp: 544906

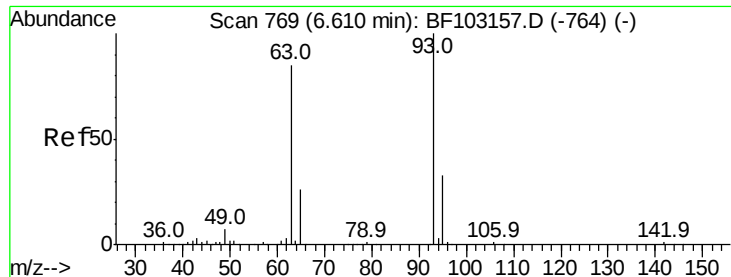
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 42.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.826 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

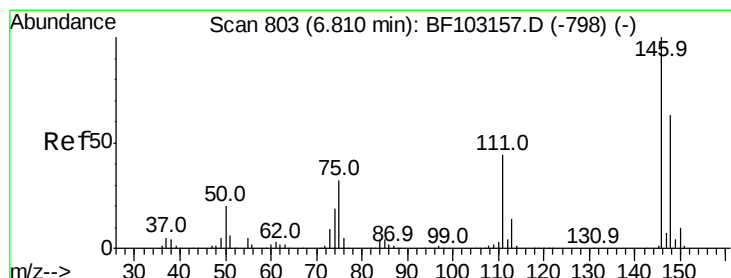
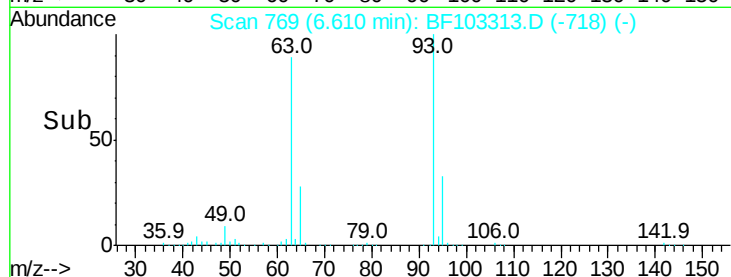
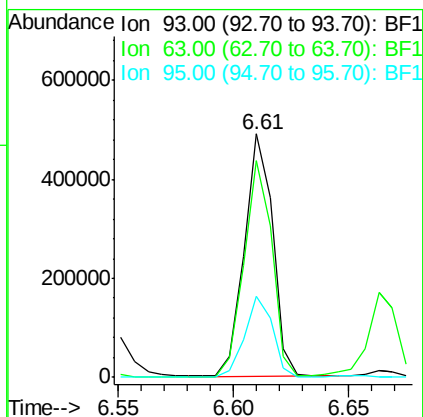
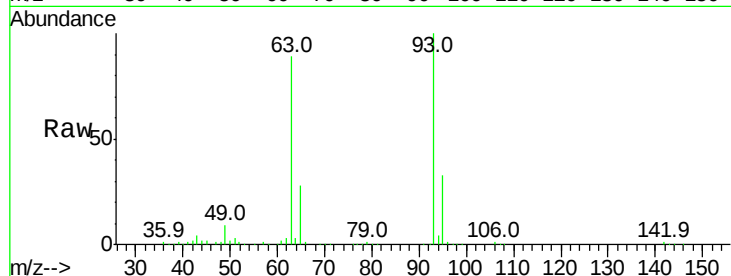
Tot Ion: 93 Resp: 422632

Ion Ratio Lower Upper

93 100

63 88.8 58.6 98.6

95 33.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.529 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

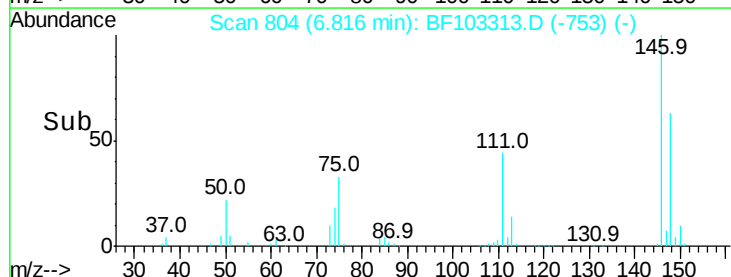
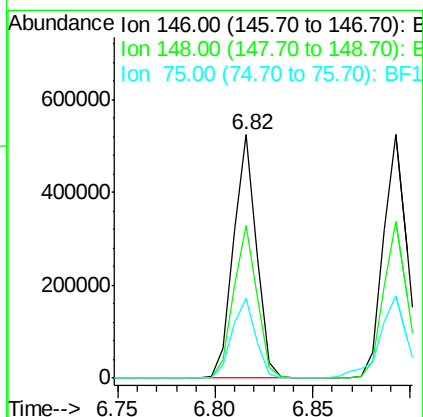
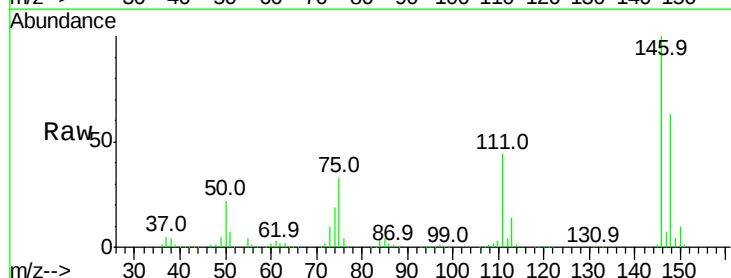
Tgt Ion: 146 Resp: 426840

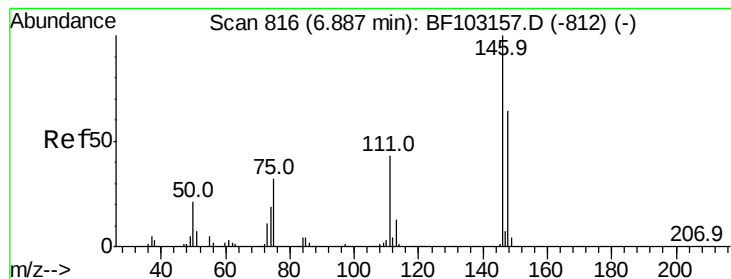
Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

75 32.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.971 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

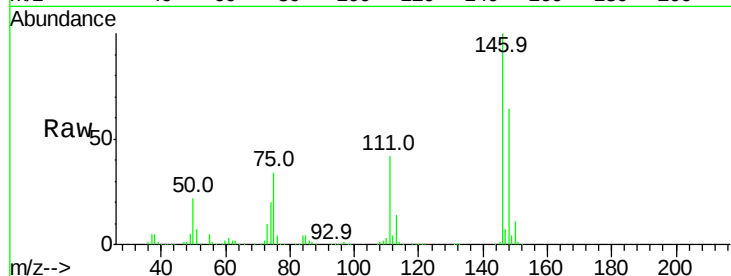
Tot Ion:146 Resp: 433121

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

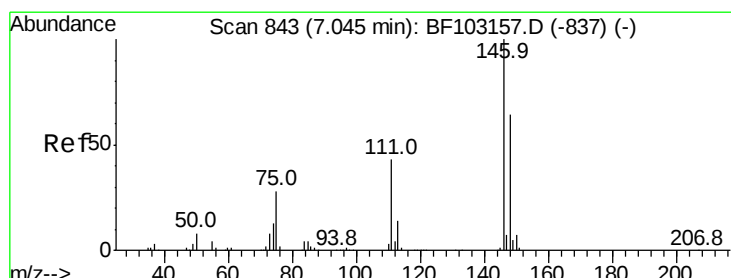
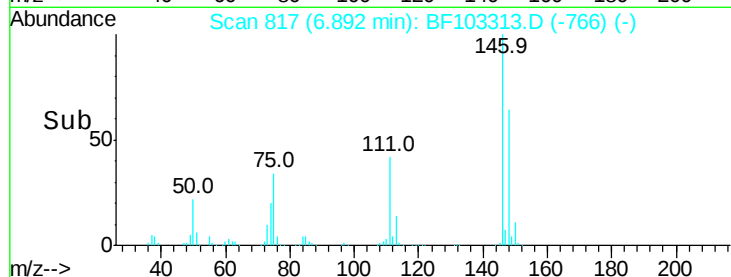
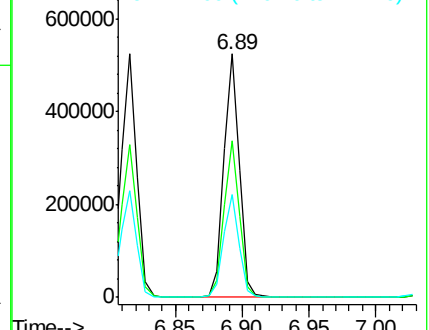
111 42.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.417 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

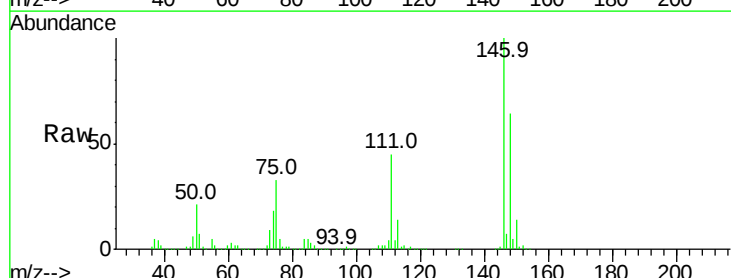
Tgt Ion:146 Resp: 393388

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

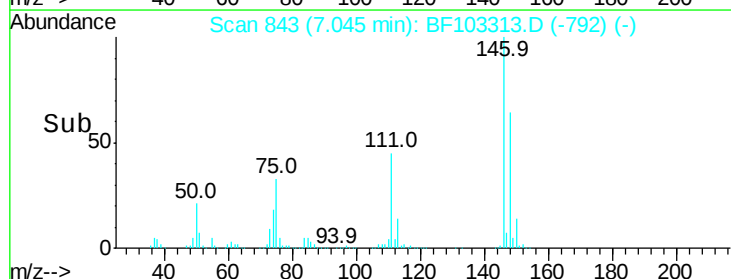
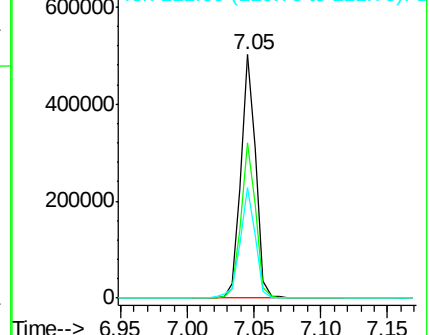
111 45.3 36.0 54.0

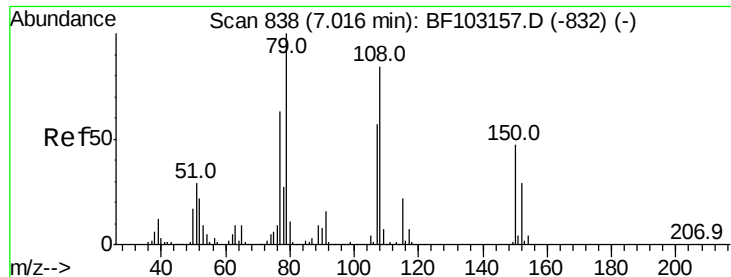


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.287 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampled :

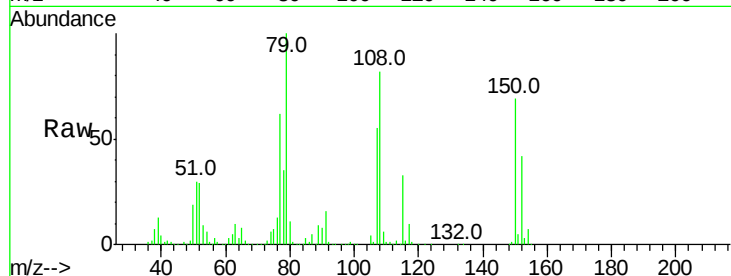
Tot Ion: 79 Resp: 356569

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 62.0 50.6 75.8



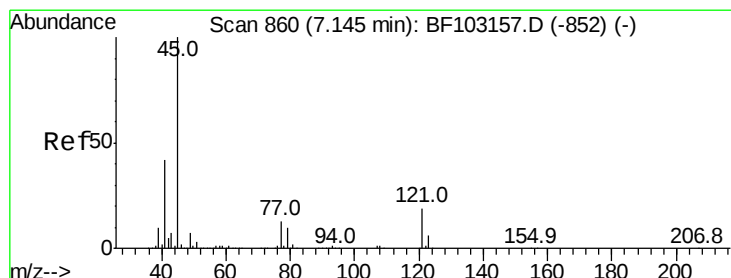
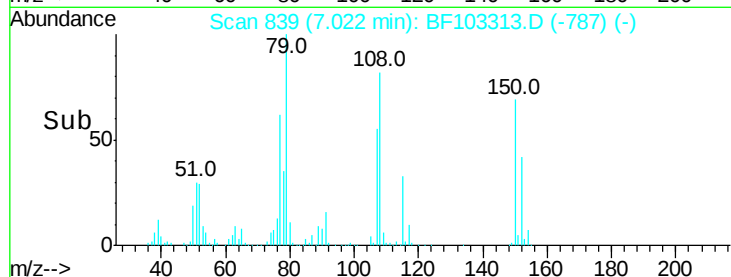
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.02

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.110 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

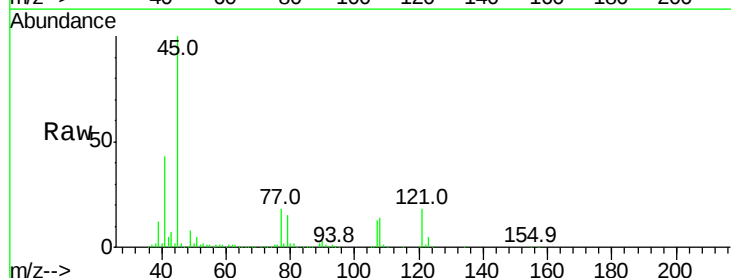
Tgt Ion: 45 Resp: 658033

Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

79 14.7 0.0 29.6



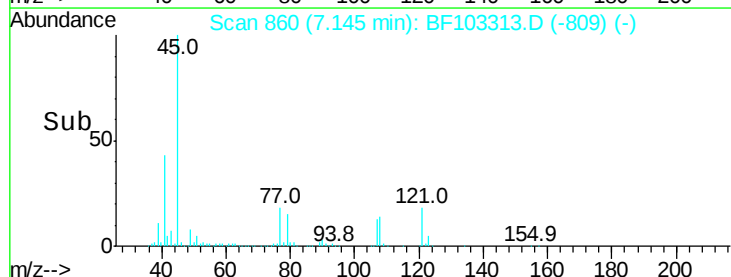
Abundance Ion 45.00 (44.70 to 45.70): BF1

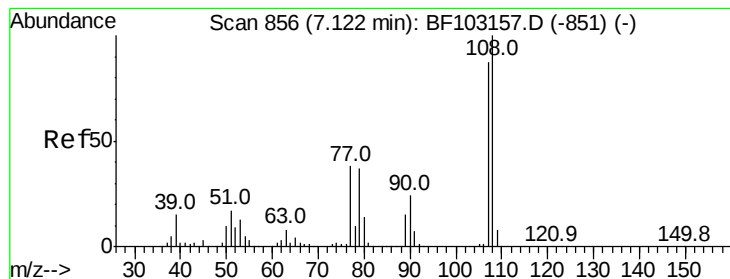
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.15

Time-->





#17

2-Methylphenol

Concen: 36.285 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 337164

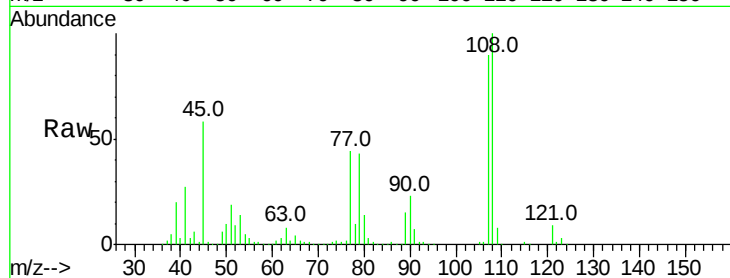
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 49.6 33.8 50.8

79 47.5 33.8 50.8

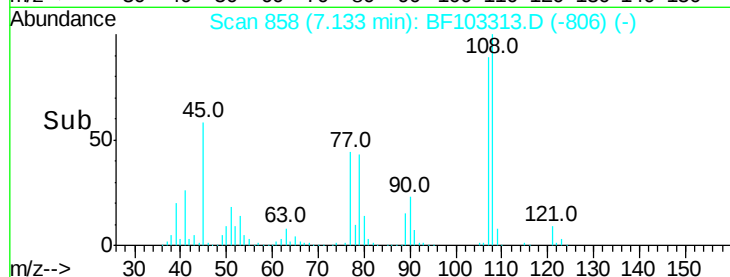


Abundance Ion 107.00 (106.70 to 107.70): E

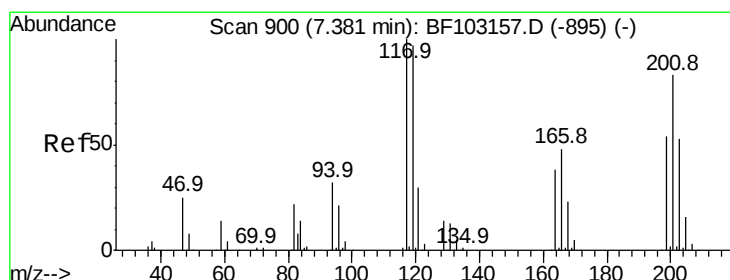
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 32.159 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

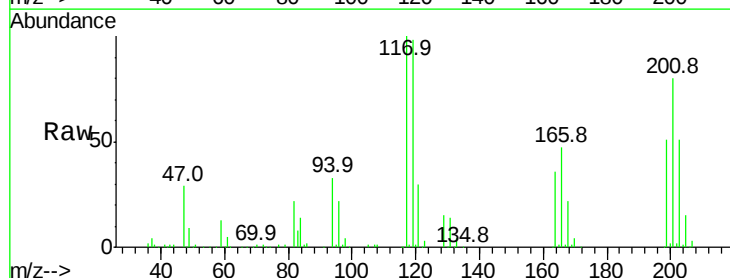
Tgt Ion:117 Resp: 137151

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

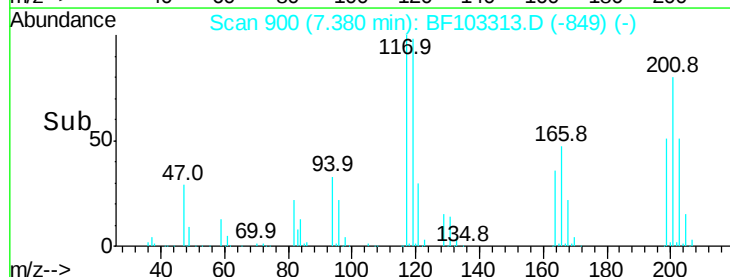
201 79.6 75.7 113.5



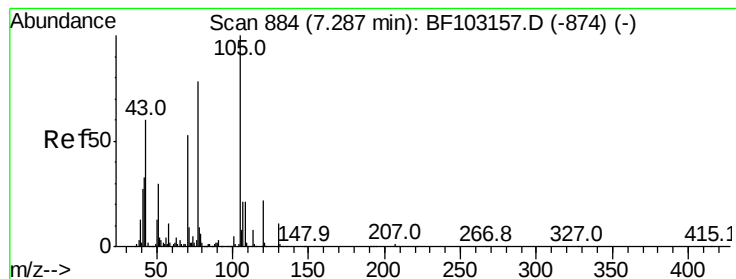
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 36.222 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 271518

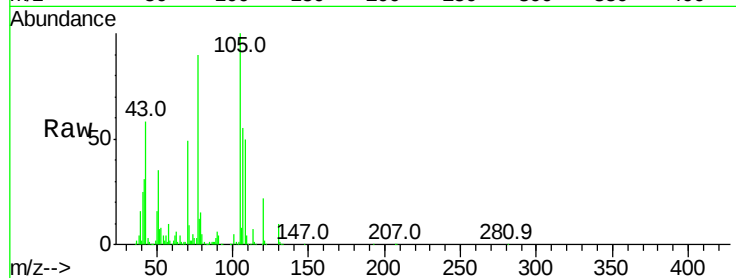
Ion Ratio Lower Upper

70 100

42 62.5 47.5 71.3

101 9.5 7.4 11.2

130 20.0 16.6 25.0

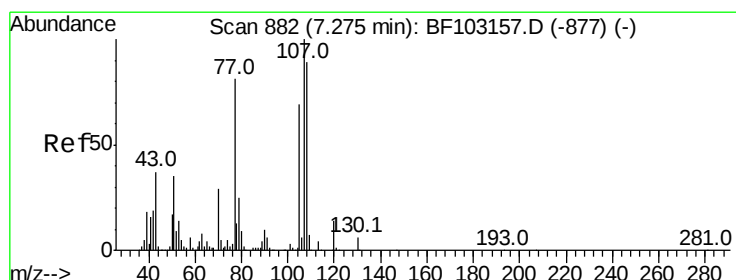
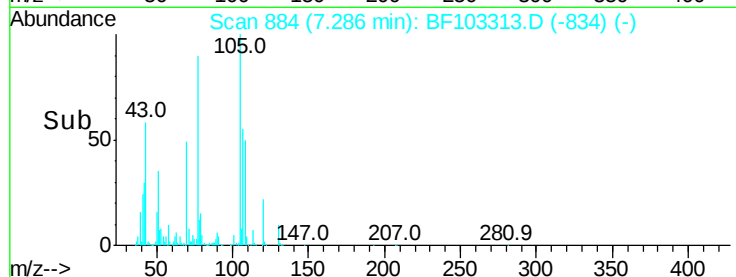
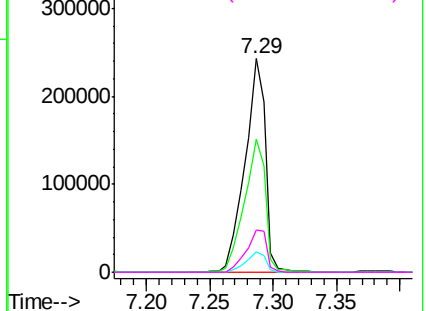


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 36.348 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:107 Resp: 411713

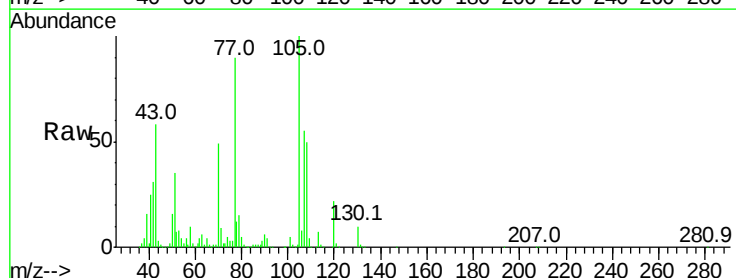
Ion Ratio Lower Upper

107 100

108 90.4 68.2 108.2

77 161.8 26.7 66.7#

79 26.5 6.3 46.3

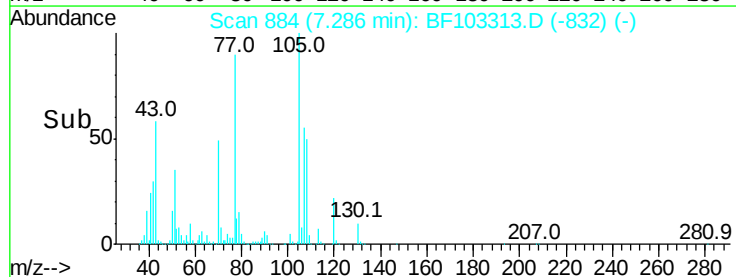
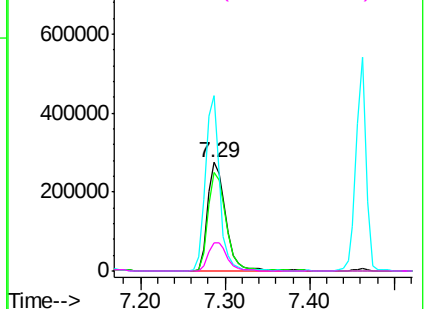


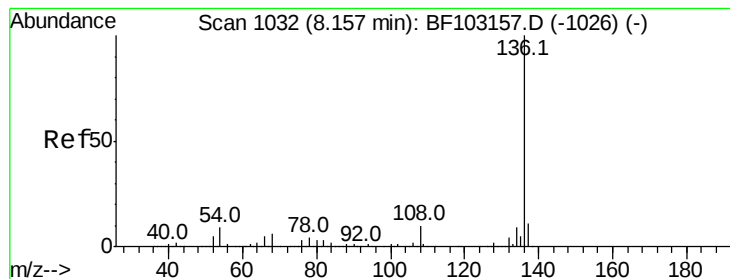
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 610533

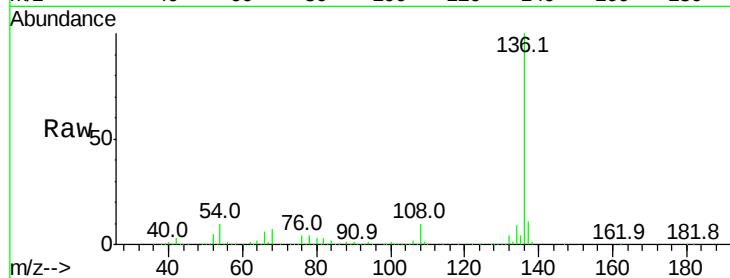
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 7.0 5.0 7.4

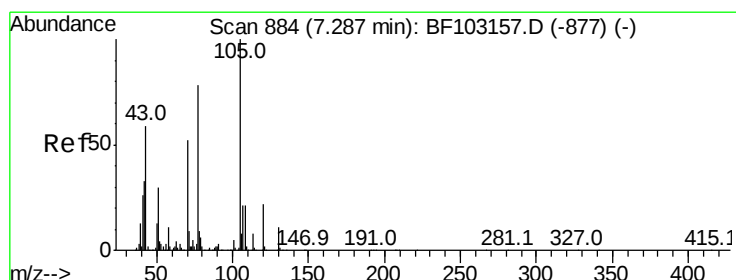
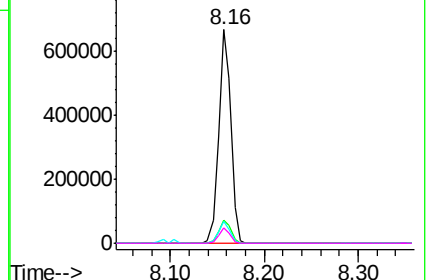
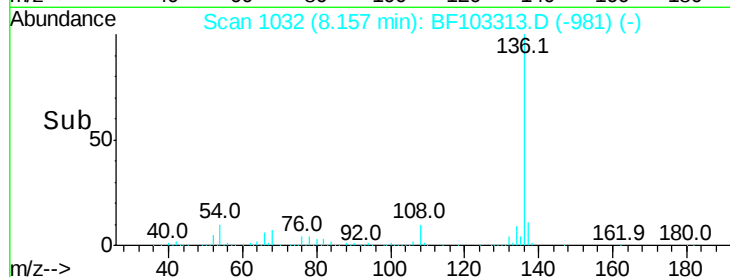


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.347 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:105 Resp: 532229

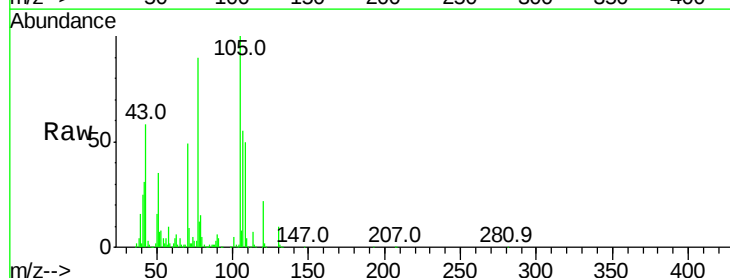
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 35.0 22.3 33.5#

120 21.5 16.9 25.3

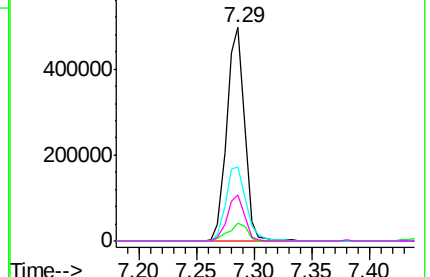
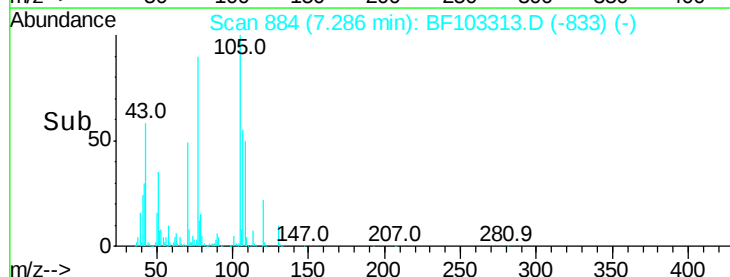


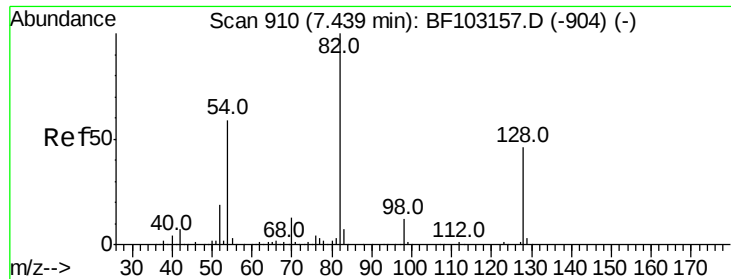
Abundance Ion 105.00 (104.70 to 105.70): E

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

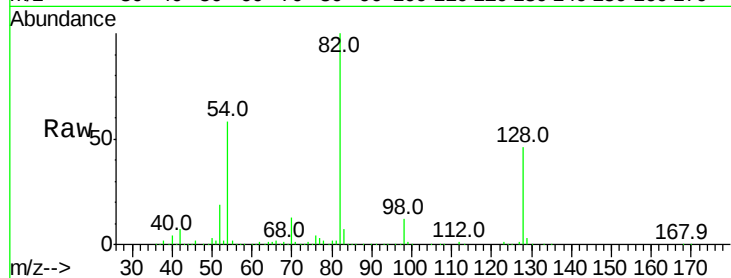




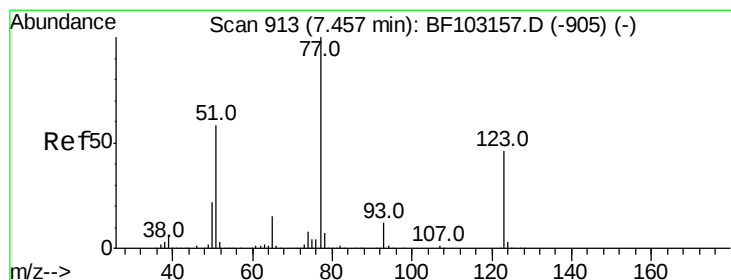
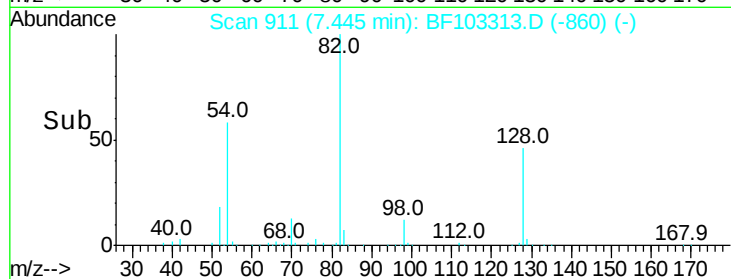
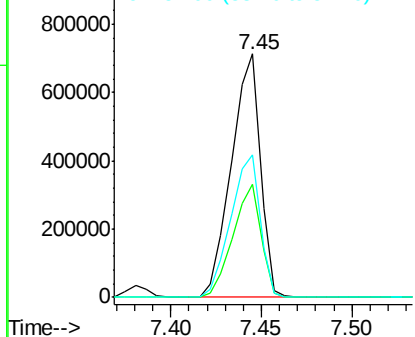
#23
Nitrobenzene-d5
Concen: 74.657 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 798137
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 58.5 41.4 62.2

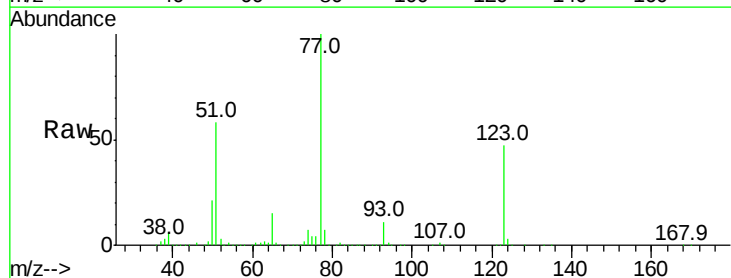


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

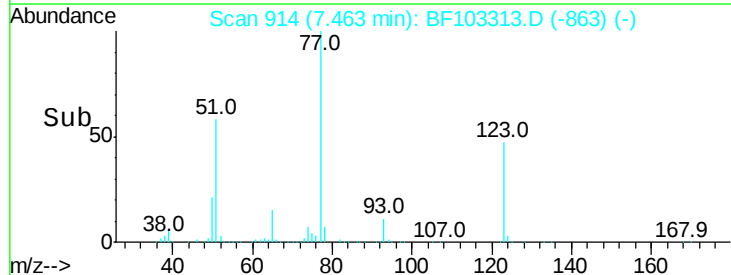
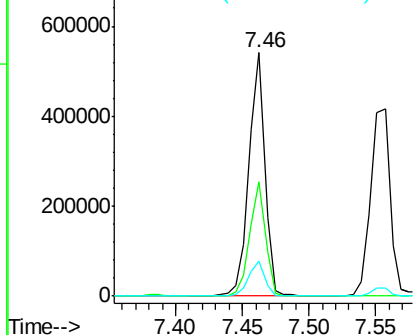


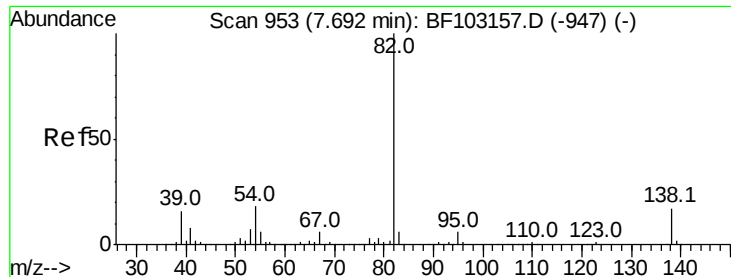
#24
Nitrobenzene
Concen: 37.734 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion: 77 Resp: 444150
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 38.269 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

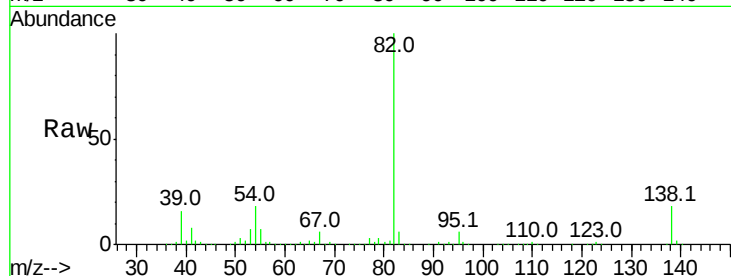
Tot Ion: 82 Resp: 805771

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

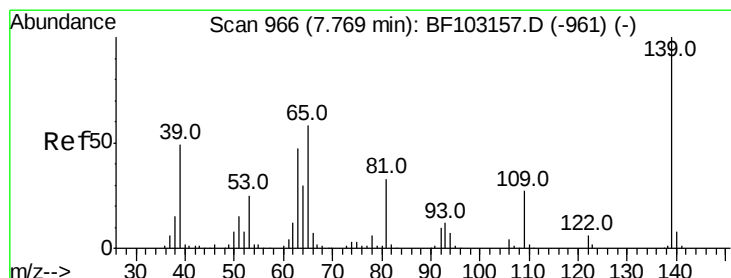
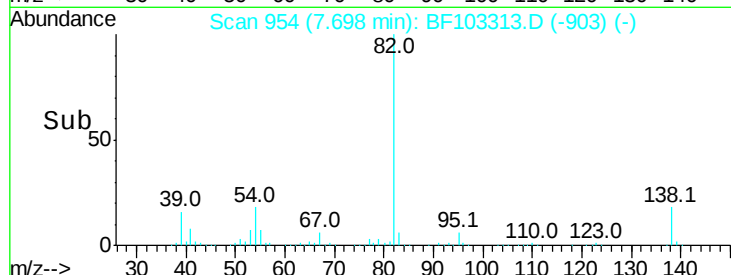
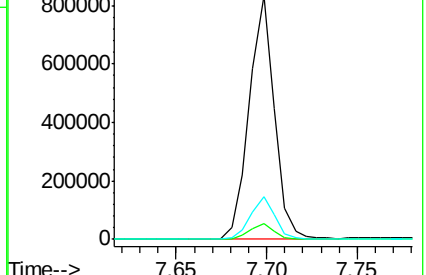
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.402 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

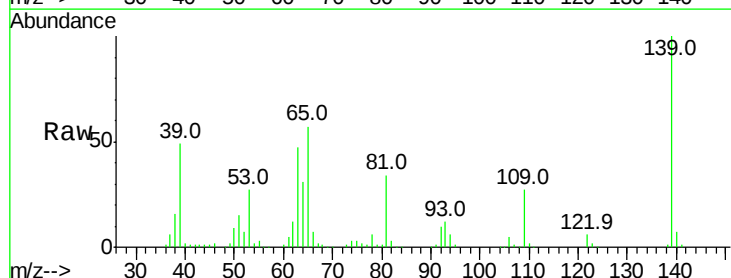
Tgt Ion: 139 Resp: 201710

Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

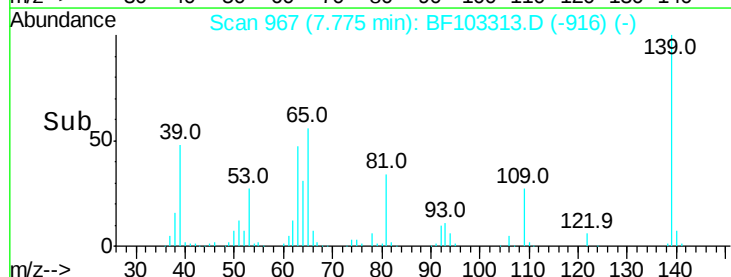
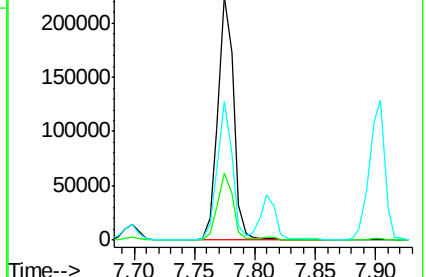
65 57.2 40.5 60.7

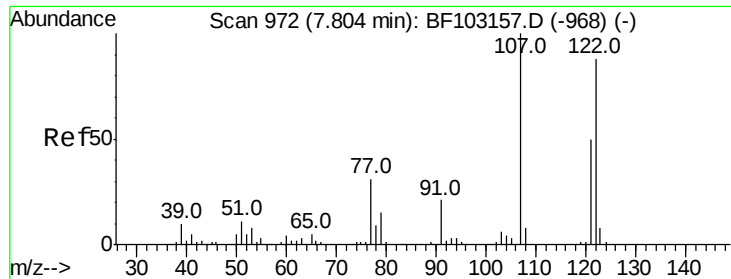


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.991 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

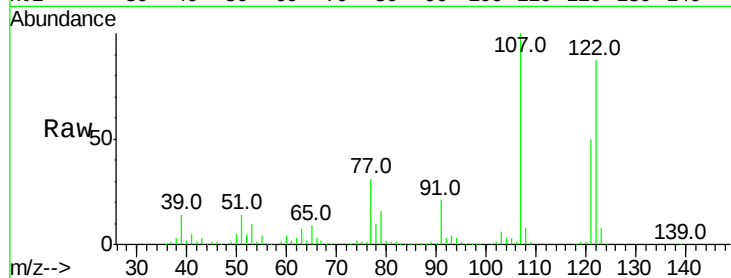
Tot Ion:122 Resp: 355660

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

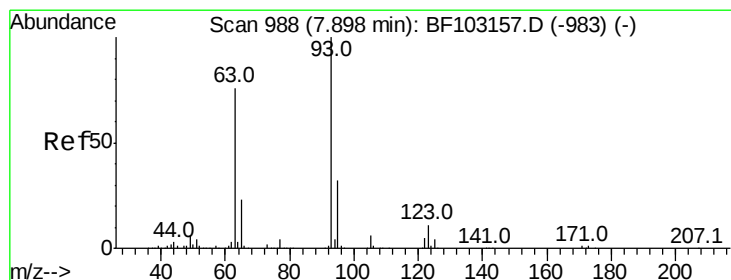
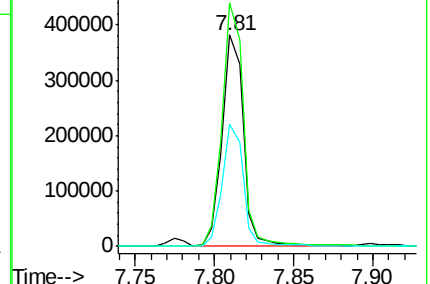
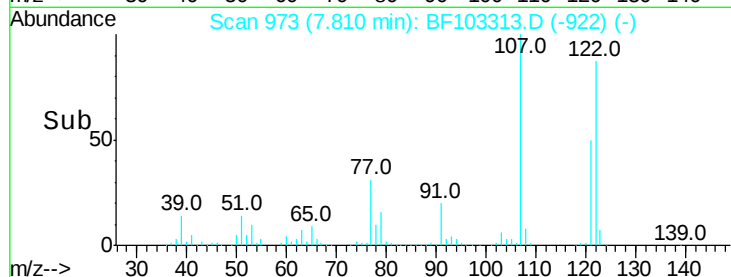
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.217 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

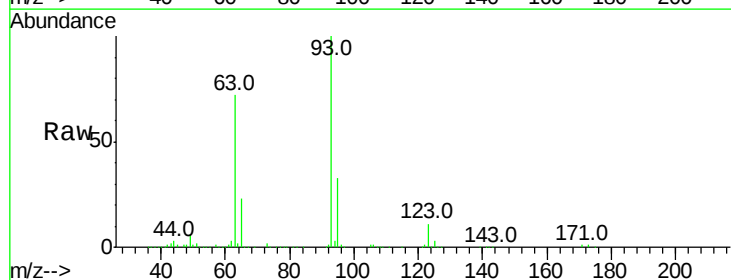
Tgt Ion: 93 Resp: 510239

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

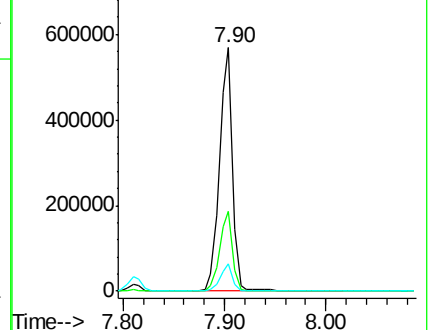
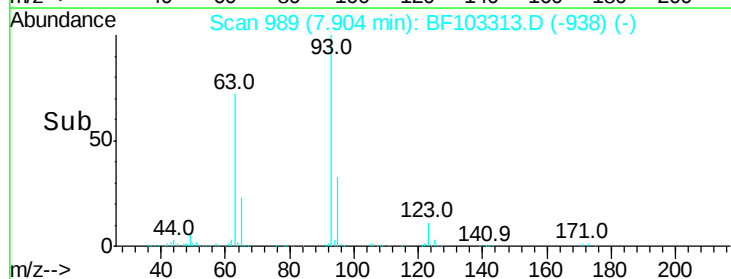
123 11.1 9.8 14.6

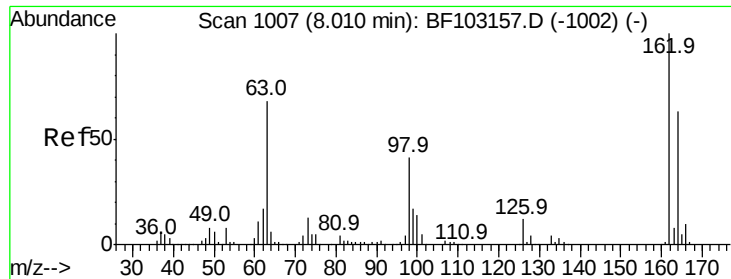


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

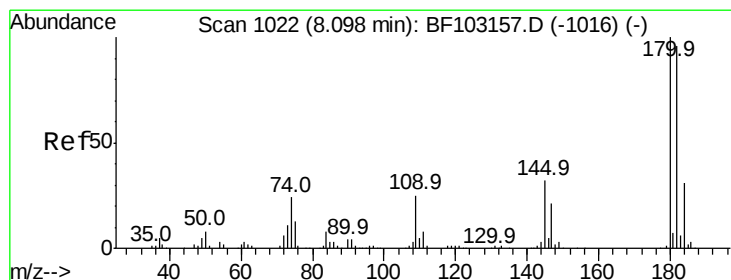
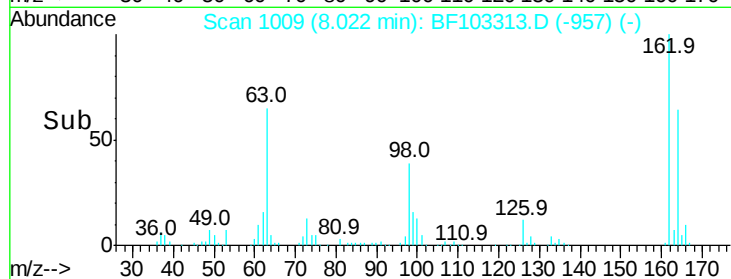
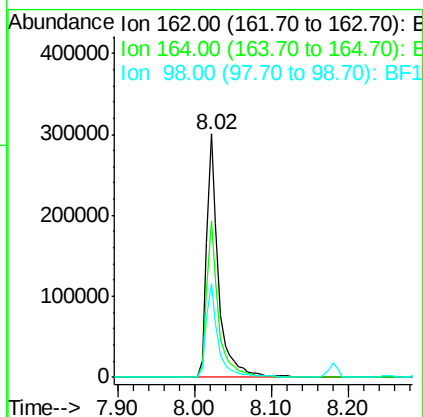
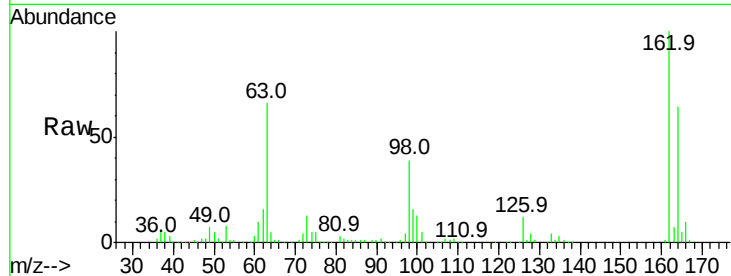




#29
 2,4-Dichlorophenol
 Concen: 39.303 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

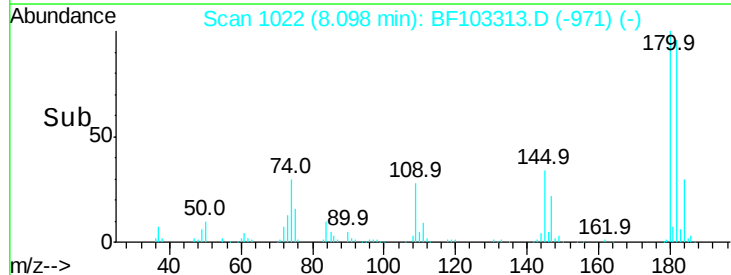
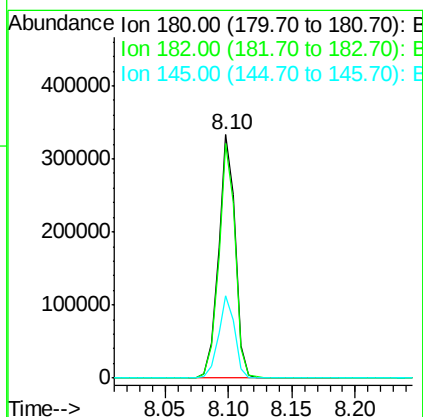
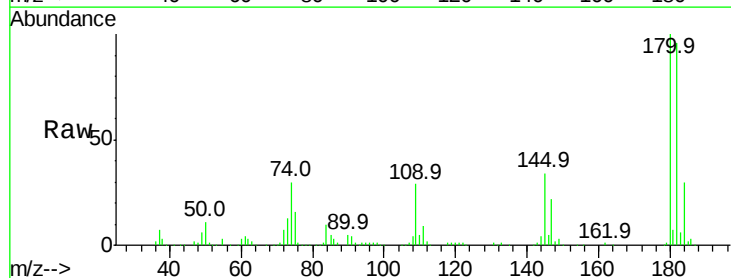
Instrument :
 BNA_F
 ClientSampleId :

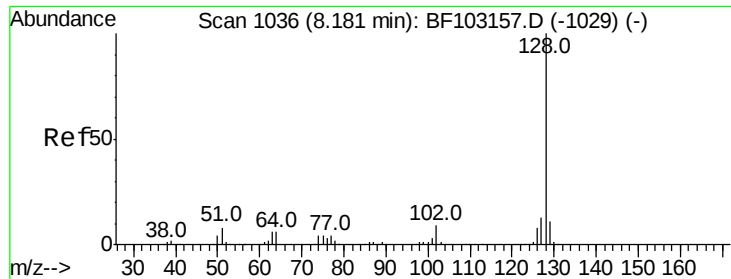
Tot Ion:162 Resp: 318712
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 38.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.679 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:180 Resp: 308097
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.8 115.2
 145 33.8 26.5 39.7

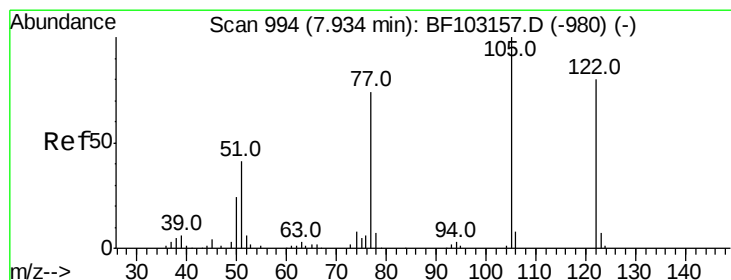
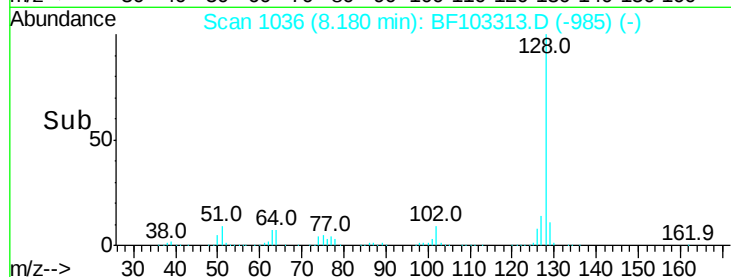
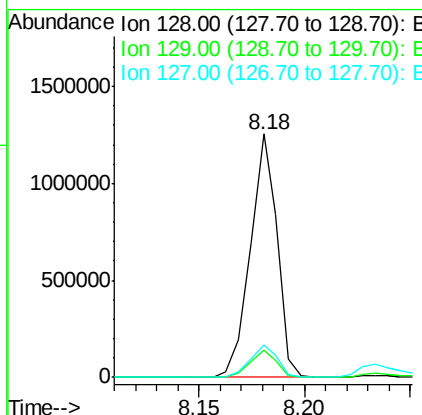
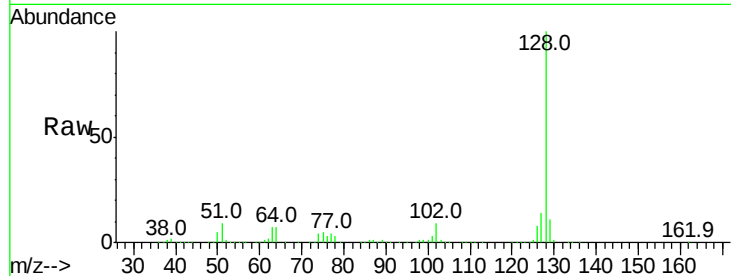




#31
Naphthalene
Concen: 36.994 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

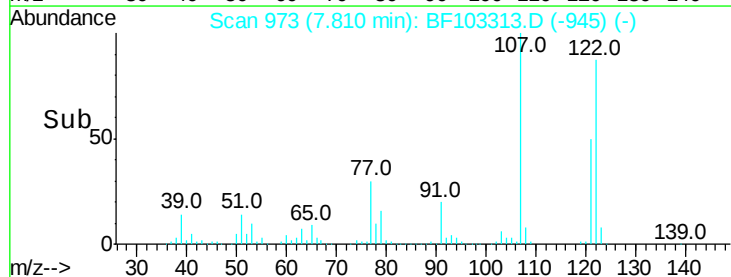
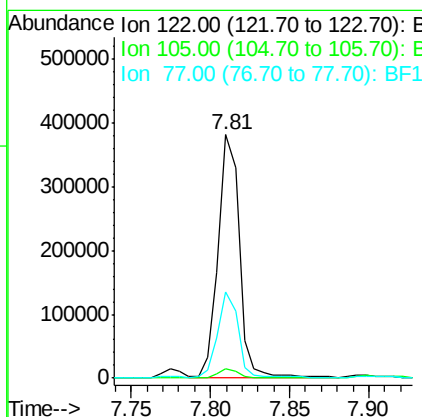
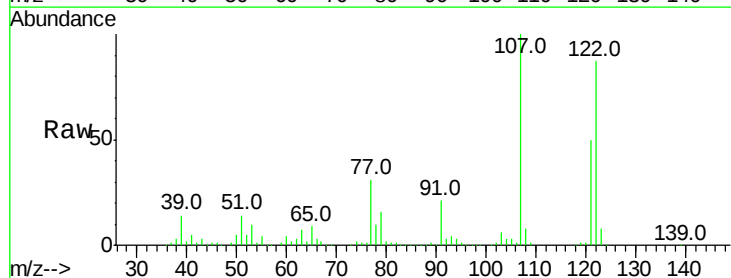
Instrument :
BNA_F
ClientSampleId :

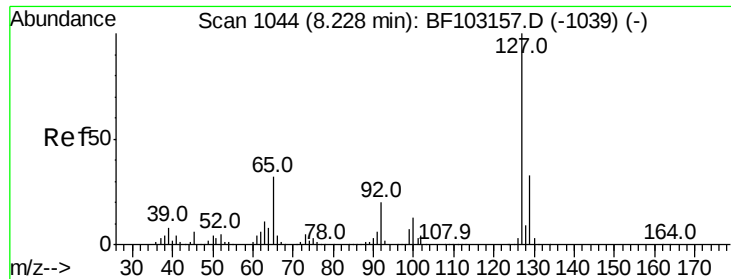
Tot Ion:128 Resp: 1105775
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 55.361 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.14 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:122 Resp: 355660
Ion Ratio Lower Upper
122 100
105 3.7 101.1 141.1#
77 35.6 70.7 110.7#

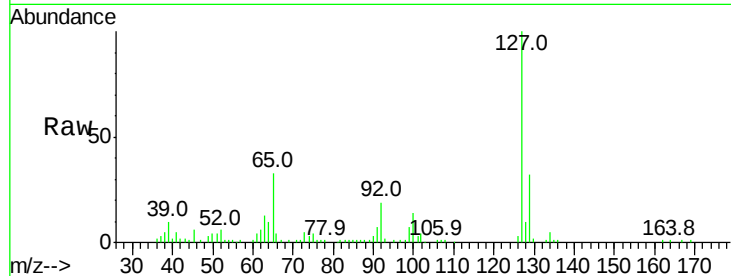




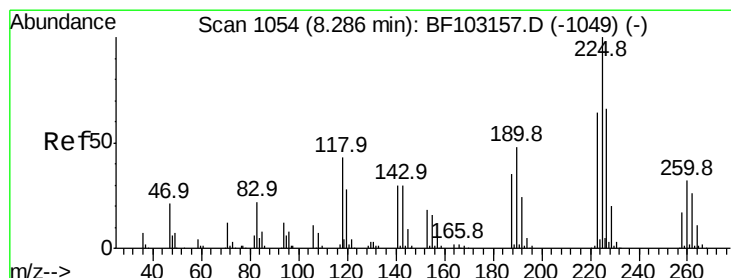
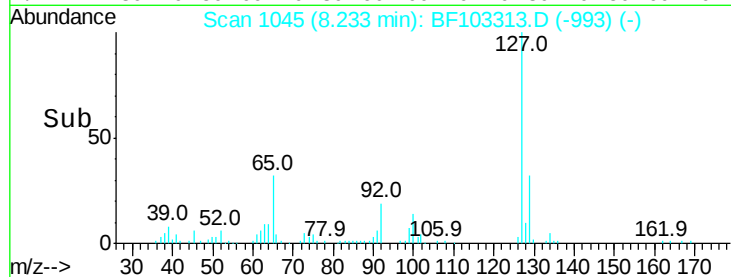
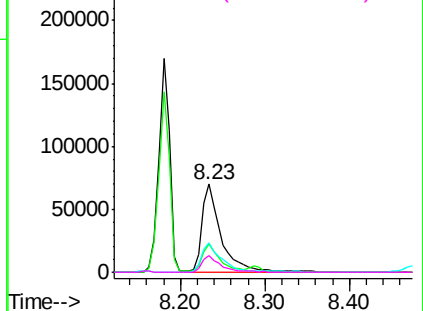
#33
4-Chloroaniline
Concen: 8.539 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	110140
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	33.0	25.0	37.4
92	19.5	15.2	22.8

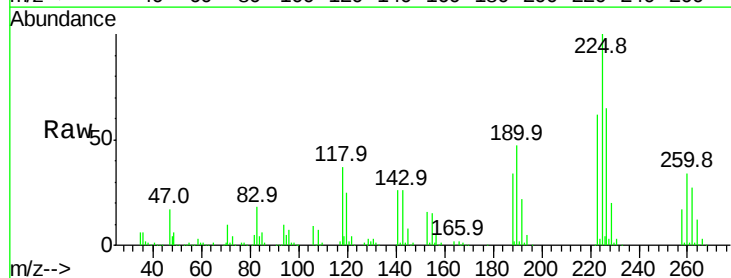


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

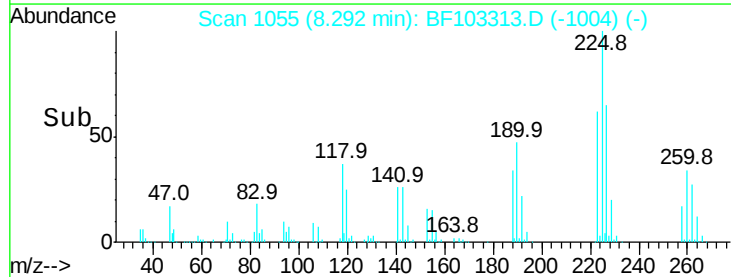
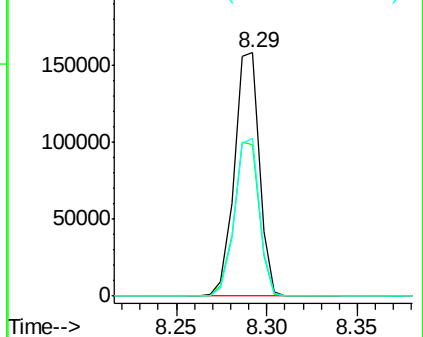


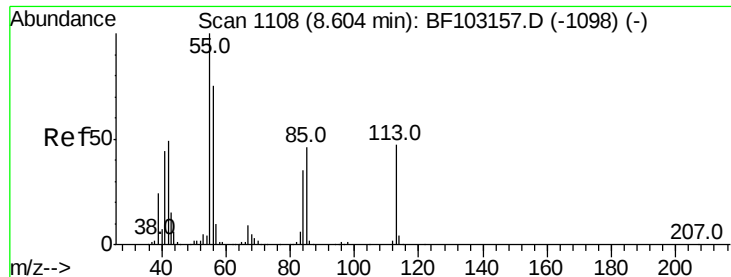
#34
Hexachlorobutadiene
Concen: 33.806 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:	225	Resp:	152017
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.8	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: 37.872 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampled :

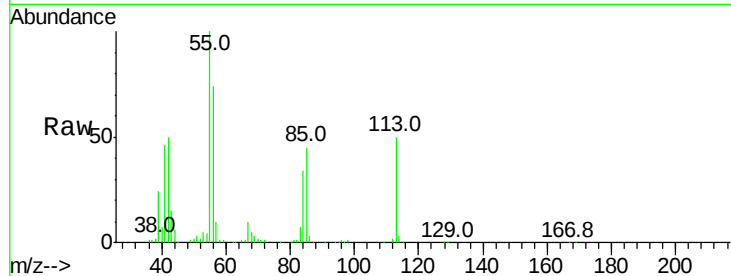
Tot Ion:113 Resp: 107934

Ion Ratio Lower Upper

113 100

55 199.2 163.3 203.3

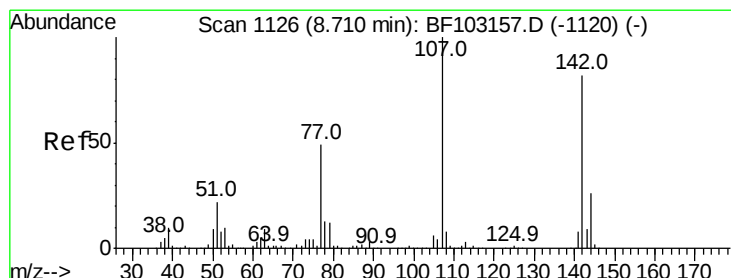
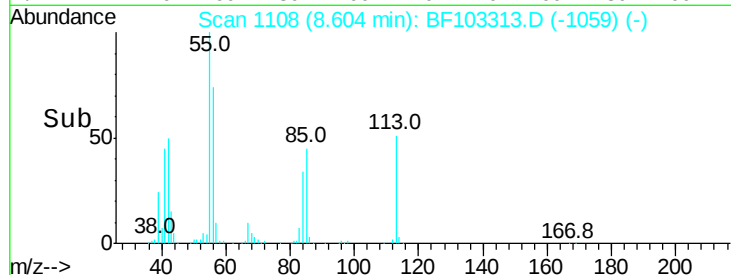
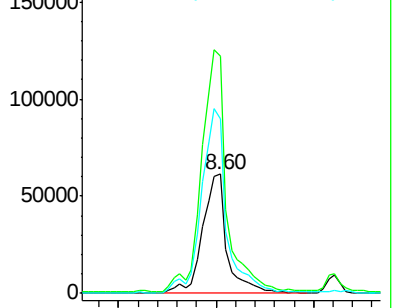
56 146.8 115.7 155.7



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: 37.431 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

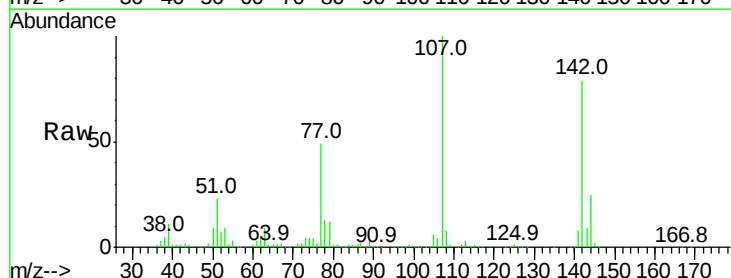
Tgt Ion:107 Resp: 342356

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

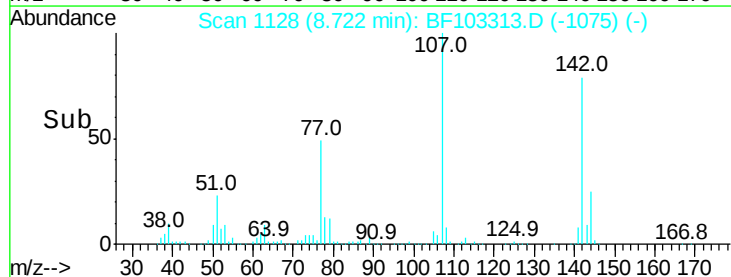
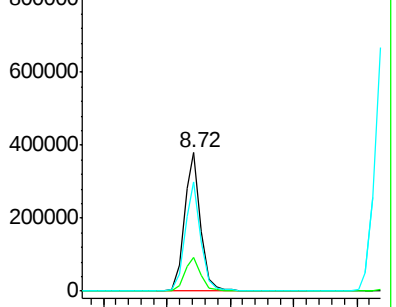
142 78.8 62.0 93.0

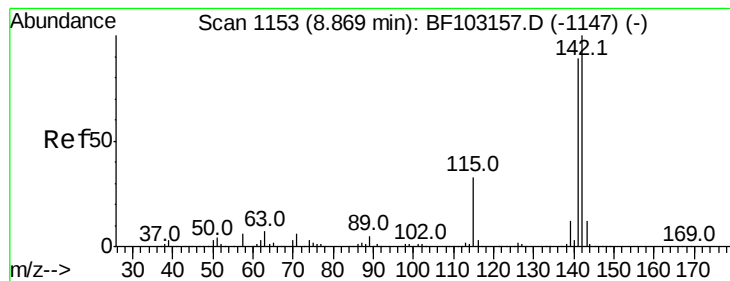


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

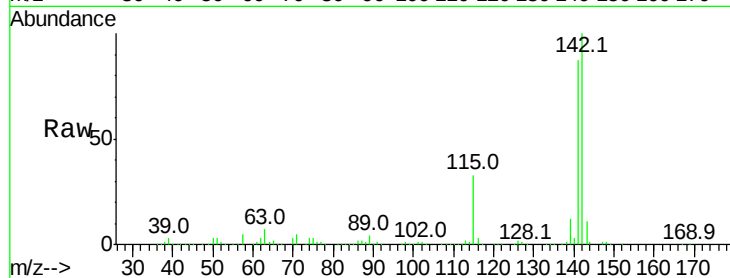




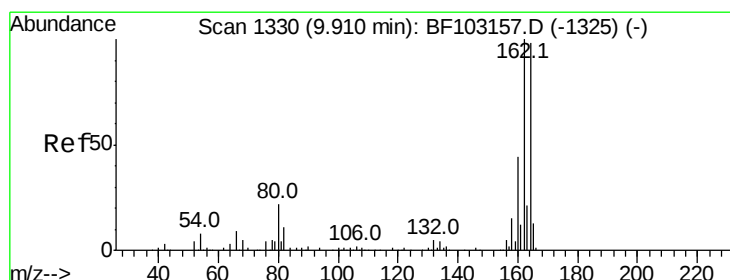
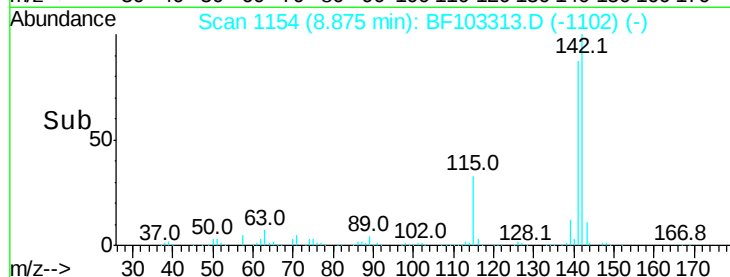
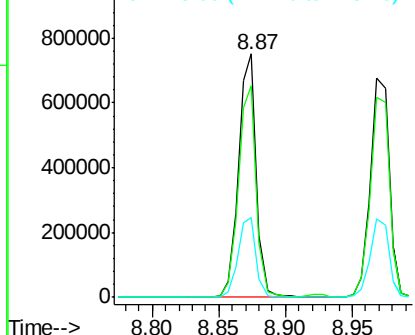
#37
2-Methylnaphthalene
Concen: 35.889 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 693285
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
115 33.0 26.1 39.1

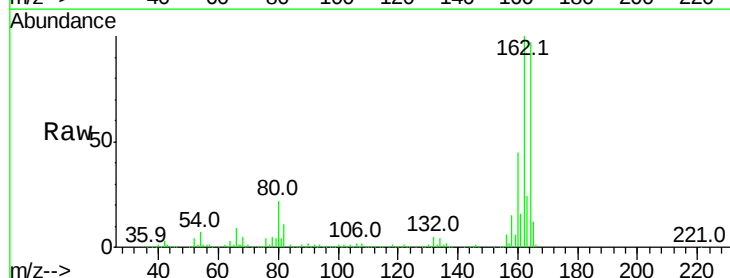


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

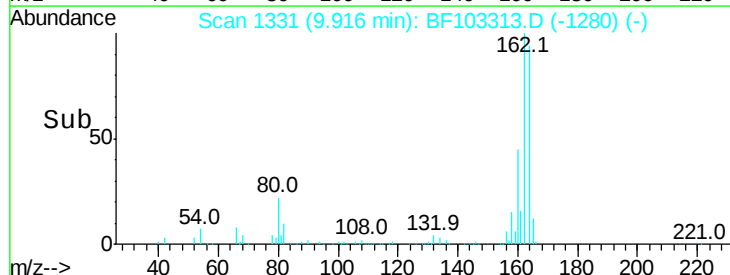
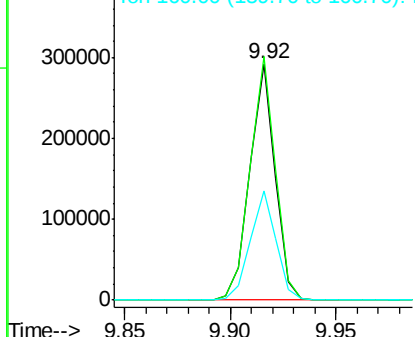


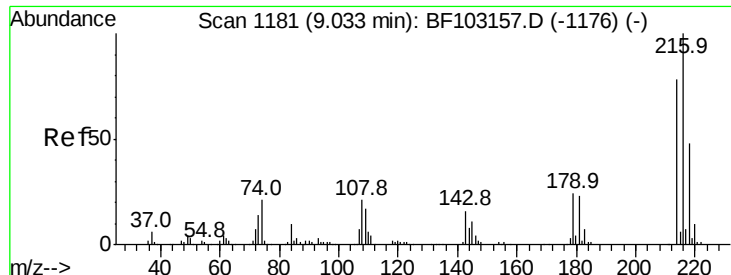
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:164 Resp: 242565
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

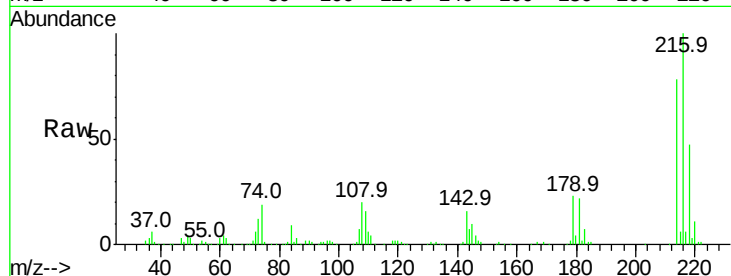




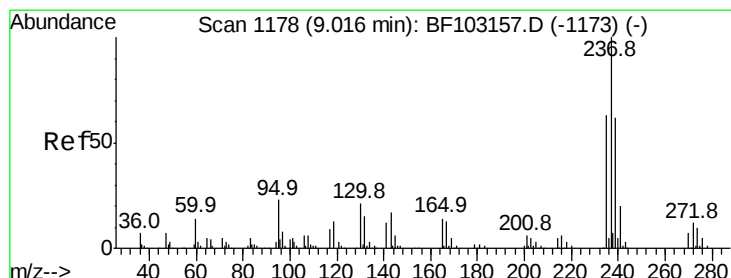
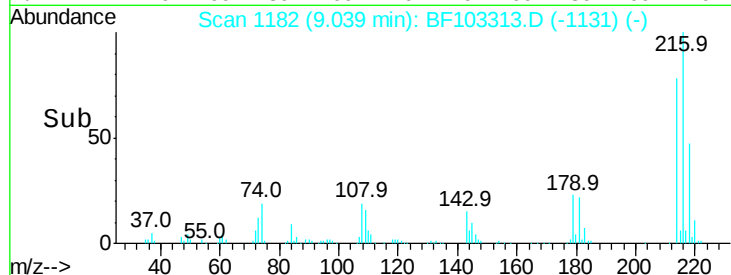
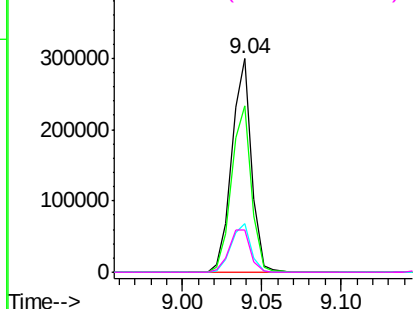
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.838 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	257547
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.9	18.1	27.1
108	22.2	17.2	25.8

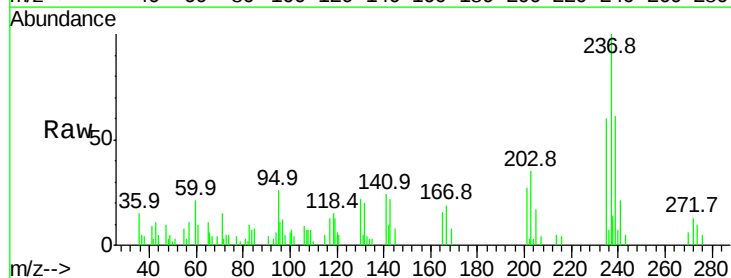


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

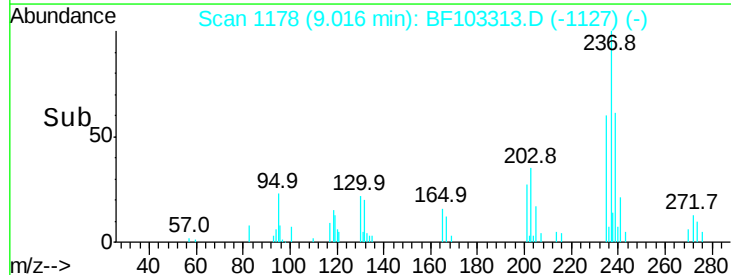
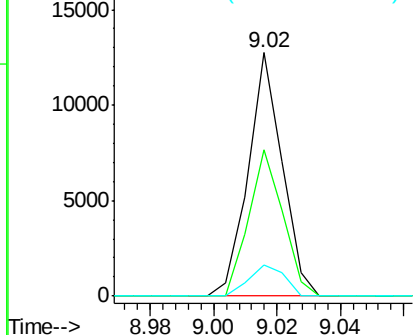


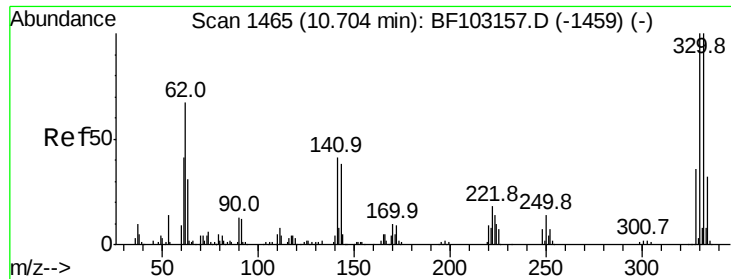
#40
 Hexachlorocyclopentadiene
 Concen: 12.496 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:	237	Resp:	9503
Ion	Ratio	Lower	Upper
237	100		
235	60.1	44.8	84.8
272	12.7	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

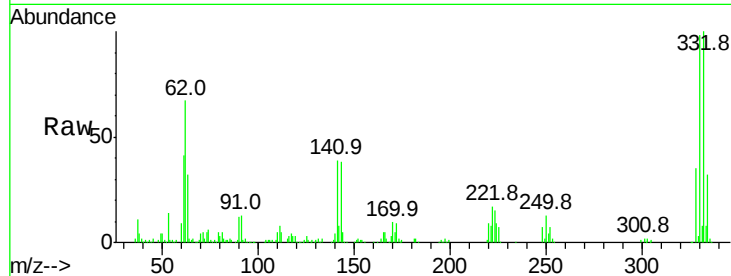




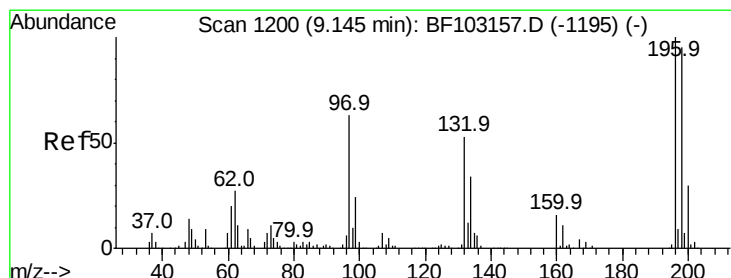
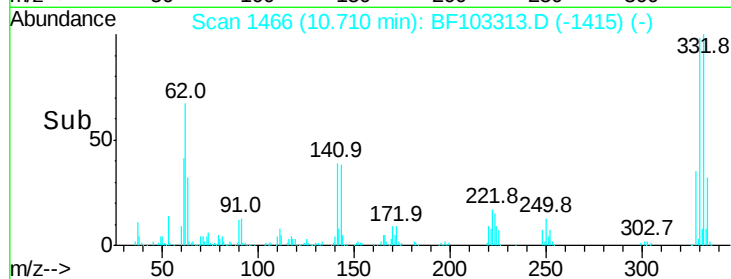
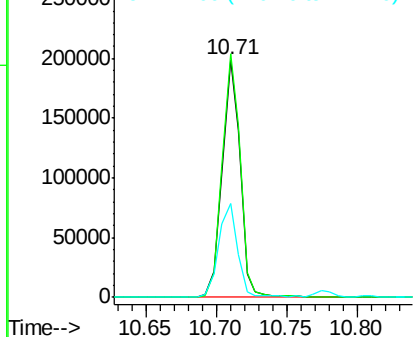
#41
 2,4,6-Tribromophenol
 Concen: 86.153 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 176887
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 41.9 29.9 44.9

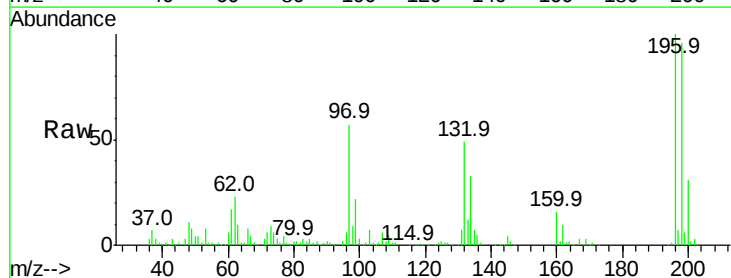


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

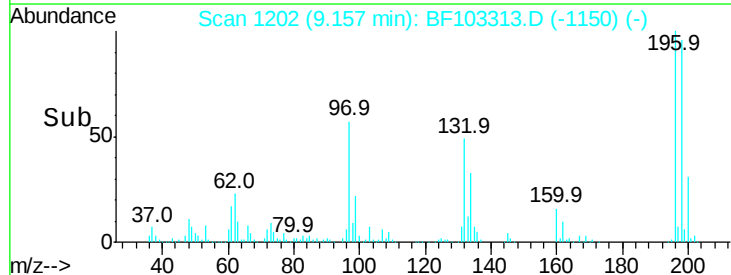
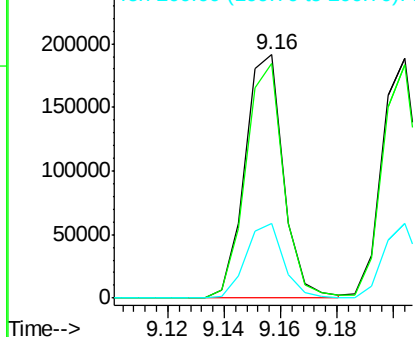


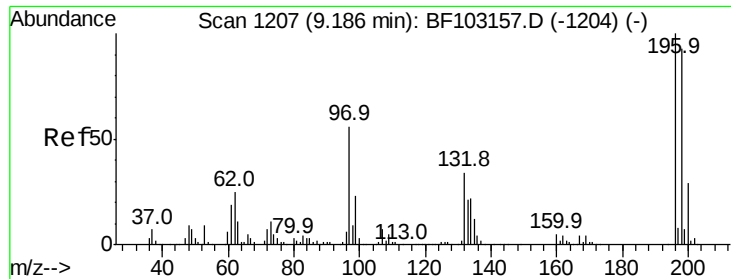
#42
 2,4,6-Trichlorophenol
 Concen: 40.554 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:196 Resp: 180951
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.6 24.5 36.7



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

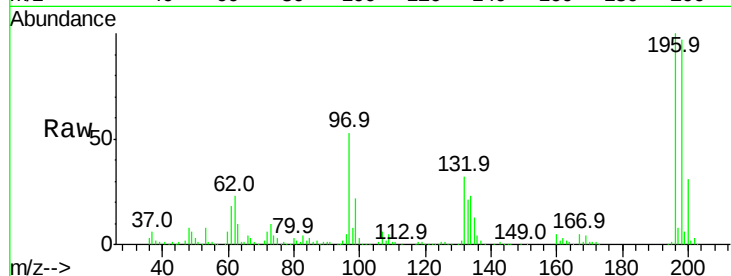




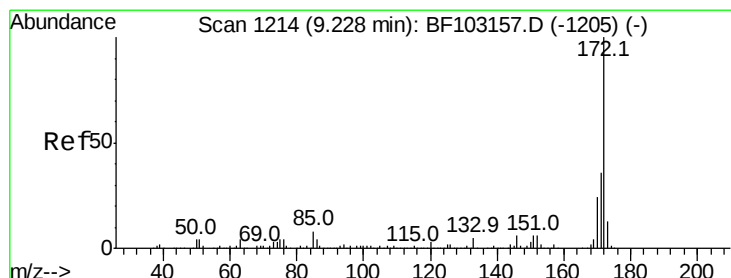
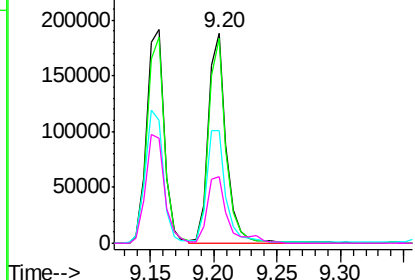
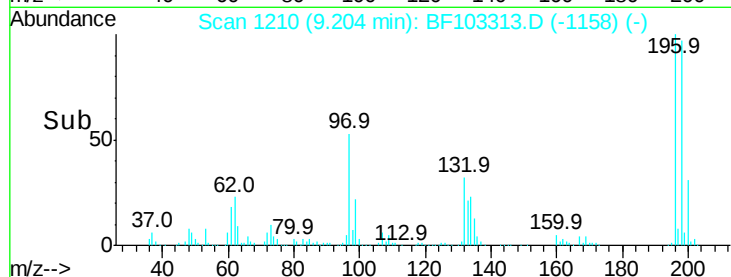
#43
 2,4,5-Trichlorophenol
 Concen: 36.352 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	186557
Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.6	112.0
97	53.5	42.9	64.3
132	31.5	26.3	39.5

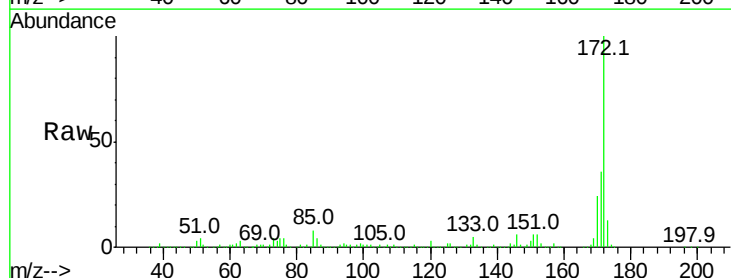


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

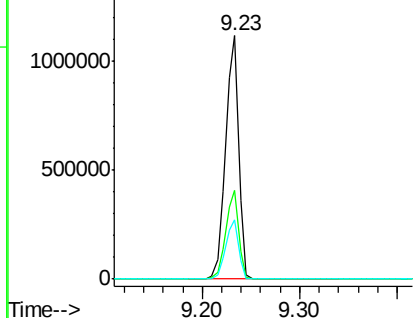
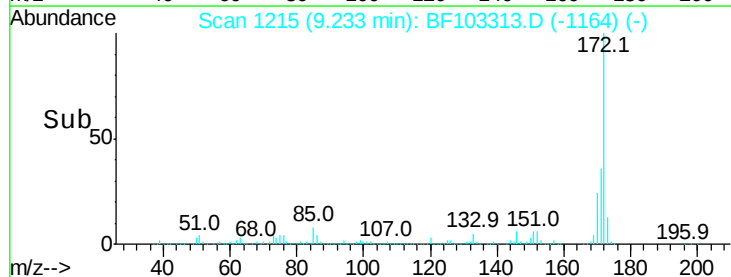


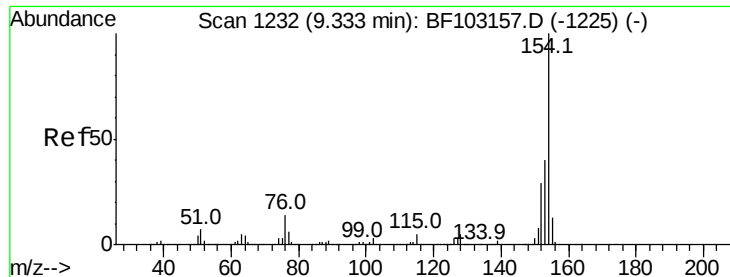
#44
 2-Fluorobiphenyl
 Concen: 70.850 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:	172	Resp:	1038410
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

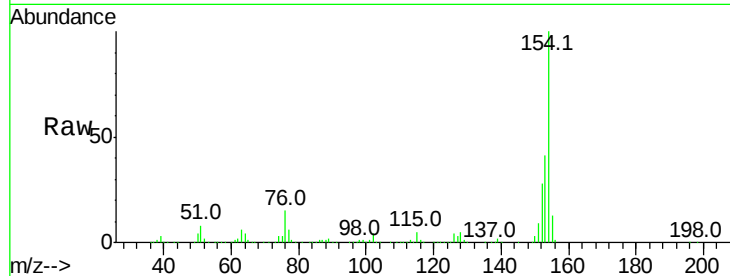




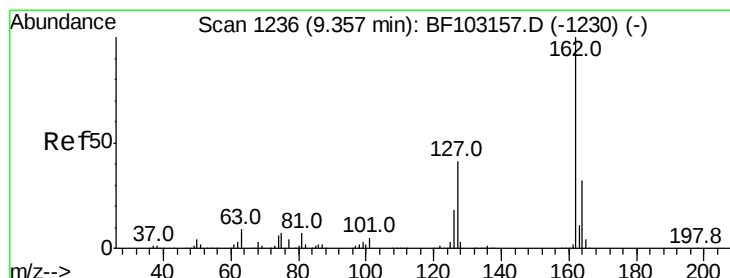
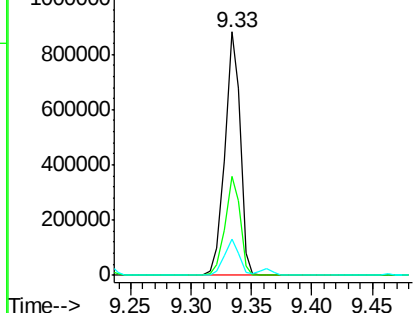
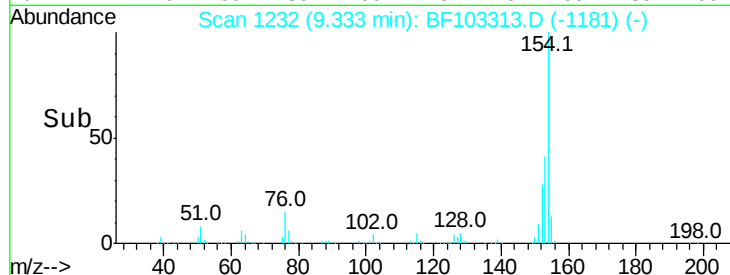
#45
 1,1'-Biphenyl
 Concen: 37.932 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	14.8	0.0	34.0

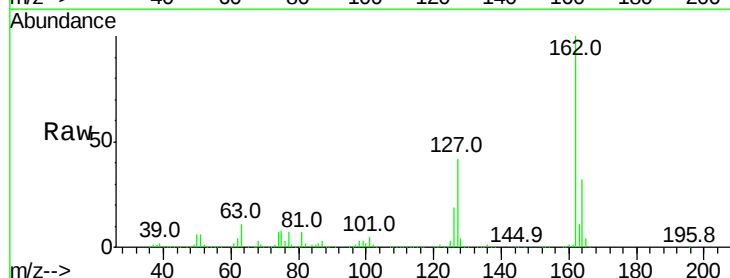


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

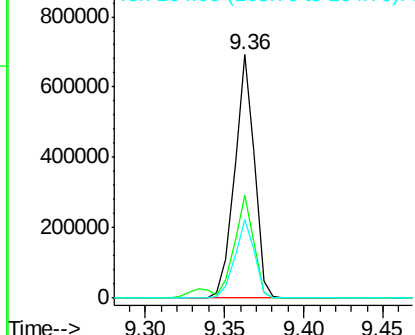
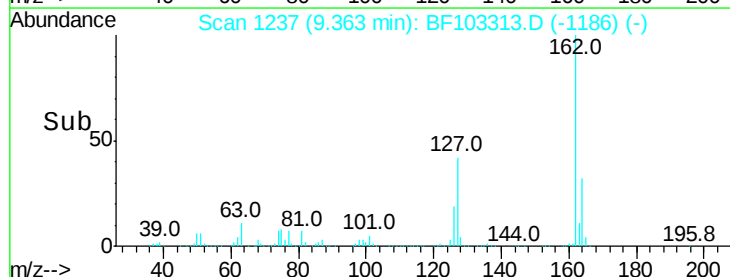


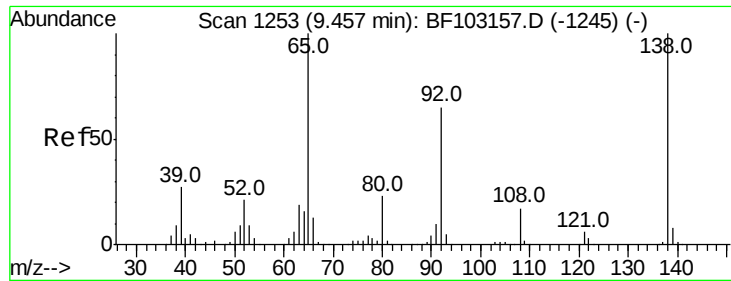
#46
 2-Chloronaphthalene
 Concen: 37.169 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	32.4	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

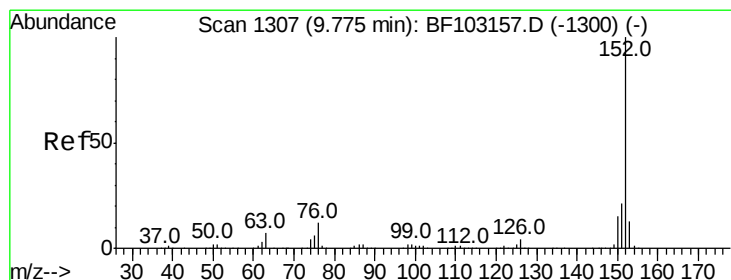
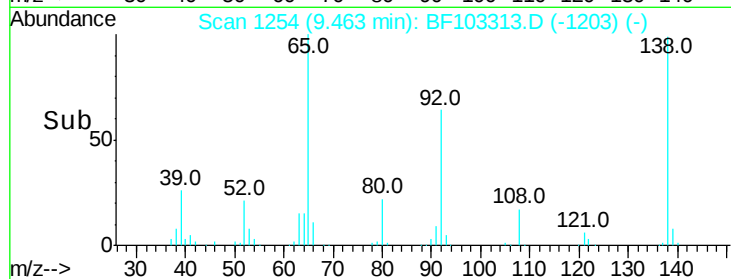
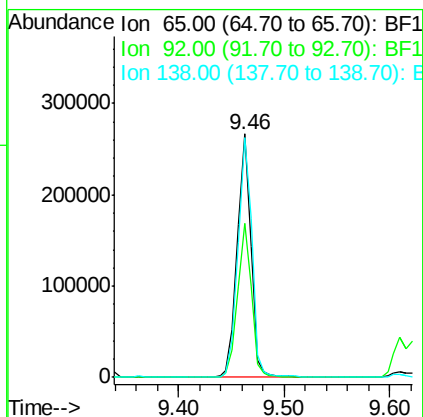
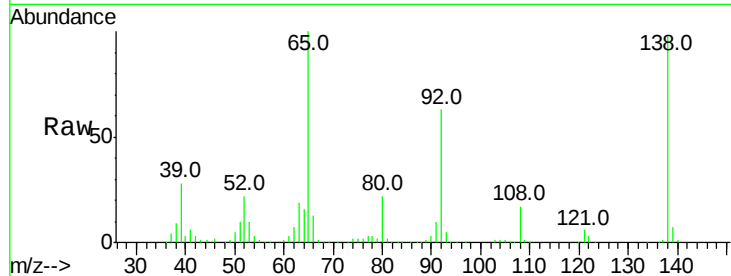




#47
2-Nitroaniline
Concen: 40.392 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

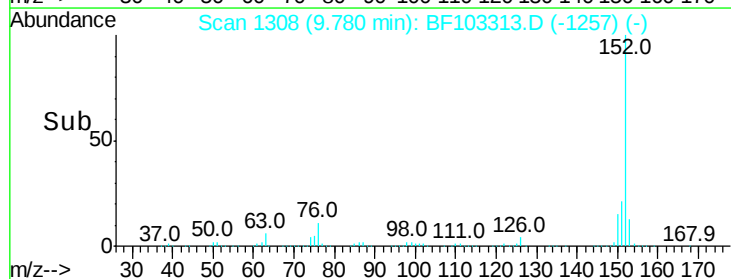
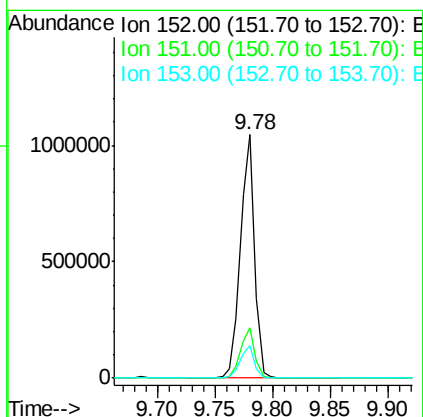
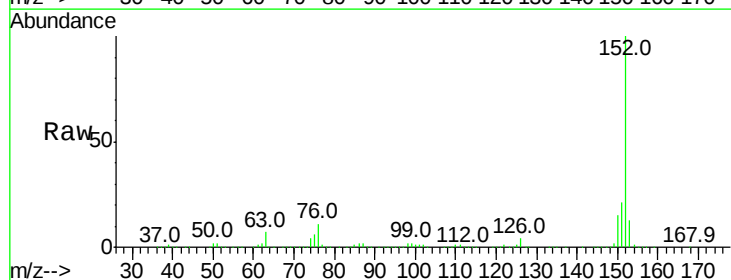
Instrument :
BNA_F
ClientSampleId :

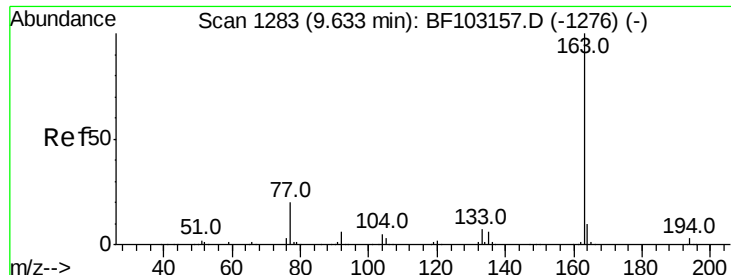
Tot Ion: 65 Resp: 240592
Ion Ratio Lower Upper
65 100
92 63.3 55.8 83.6
138 98.5 91.2 136.8



#48
Acenaphthylene
Concen: 36.001 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:152 Resp: 890720
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.7 16.1

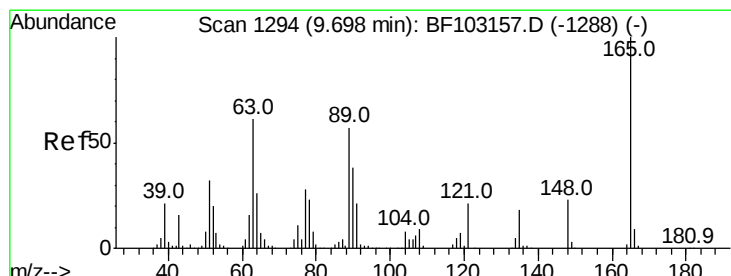
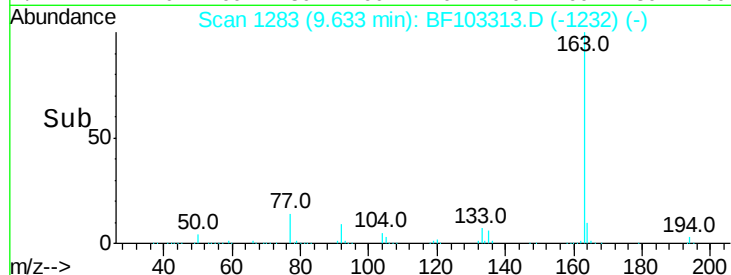
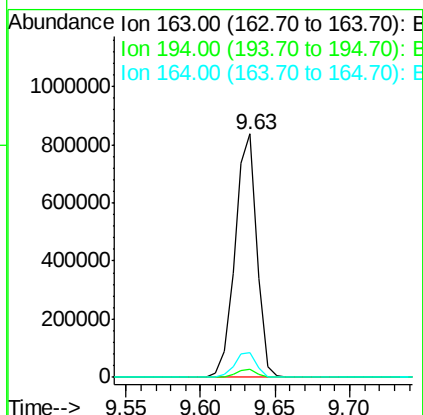
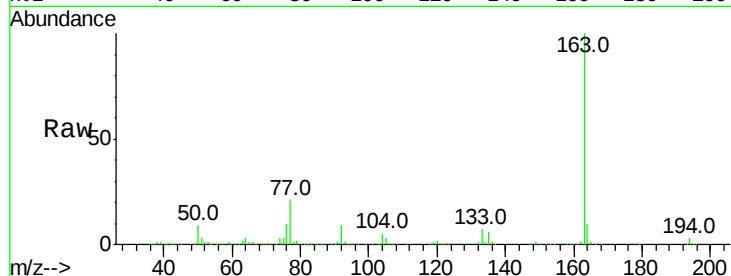




#49
Dimethylphthalate
Concen: 43.993 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

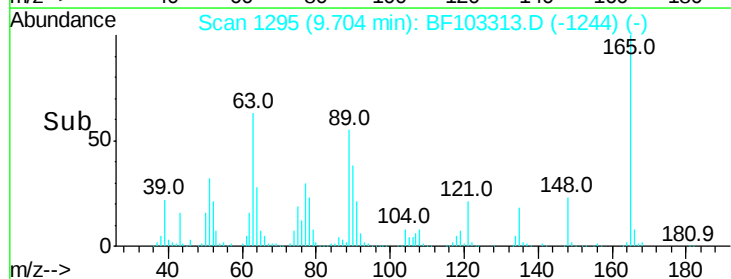
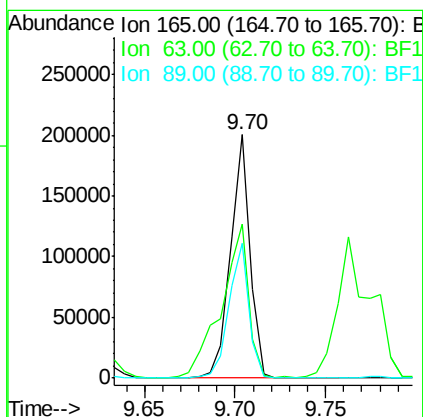
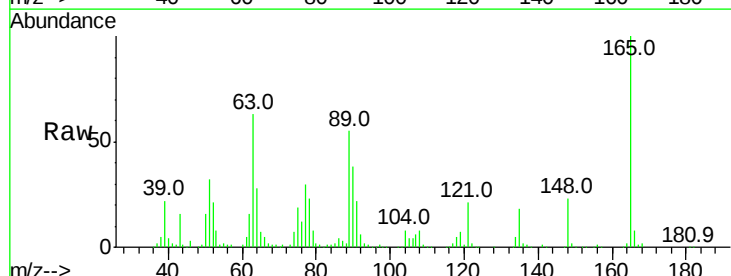
Instrument :
BNA_F
ClientSampled :

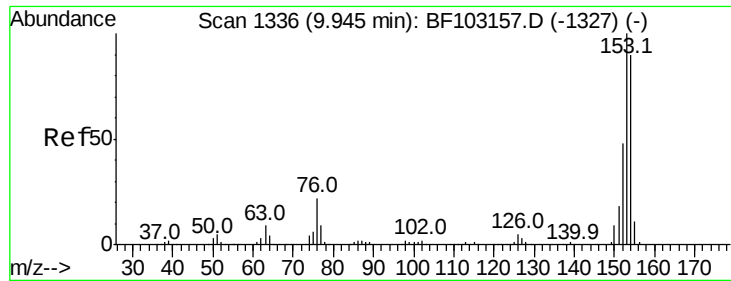
Tot Ion:163 Resp: 856050
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.027 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:165 Resp: 151202
Ion Ratio Lower Upper
165 100
63 63.4 44.7 67.1
89 55.4 44.0 66.0





#51

Acenaphthene

Concen: 36.126 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampled :

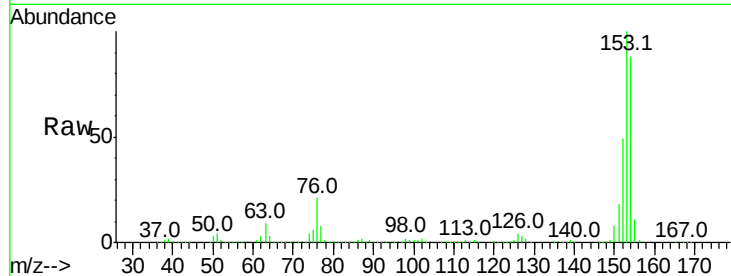
Tot Ion:154 Resp: 521189

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

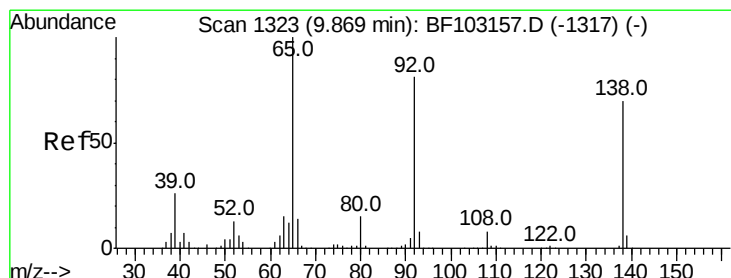
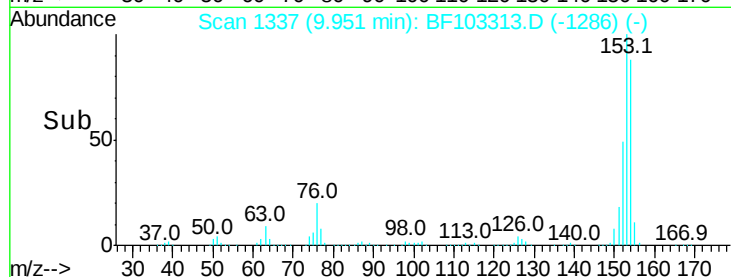
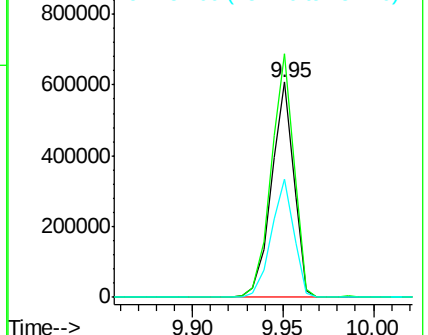
152 55.2 43.8 65.8



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: 27.267 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

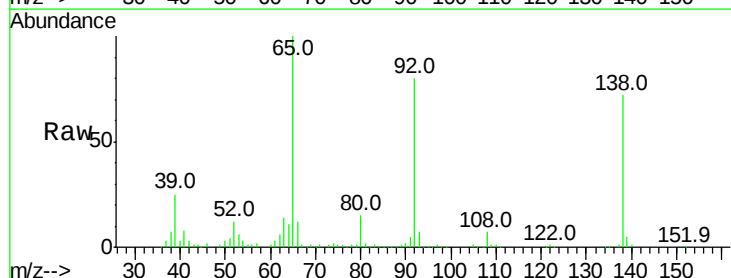
Tgt Ion:138 Resp: 141267

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

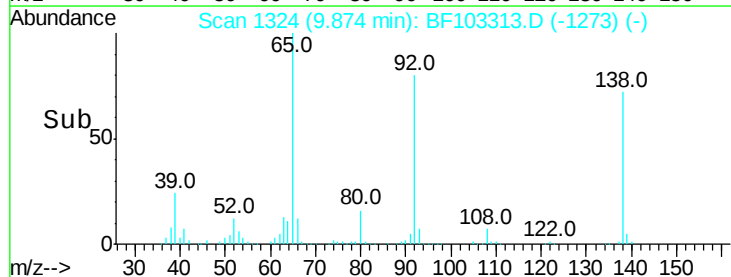
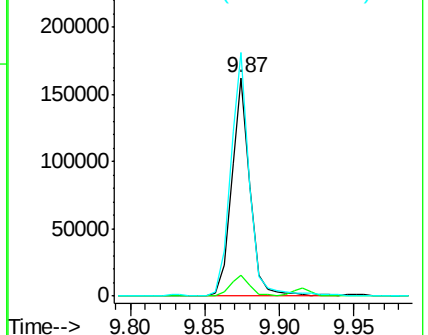
92 111.6 89.4 134.2

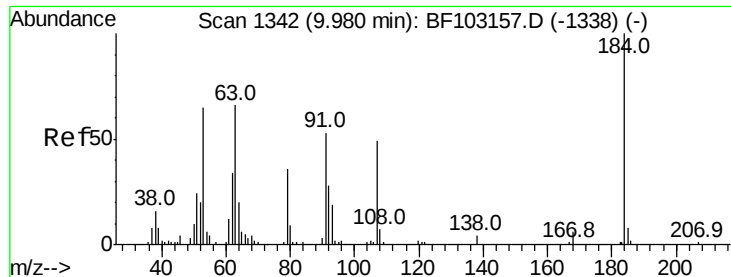


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

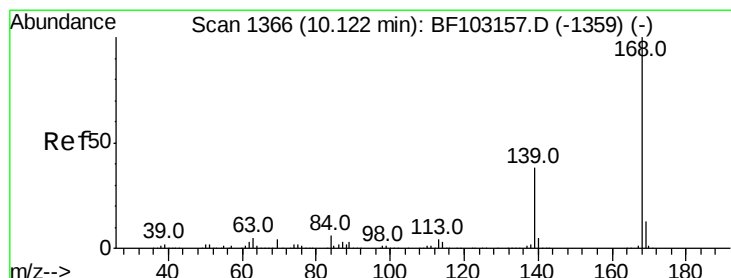
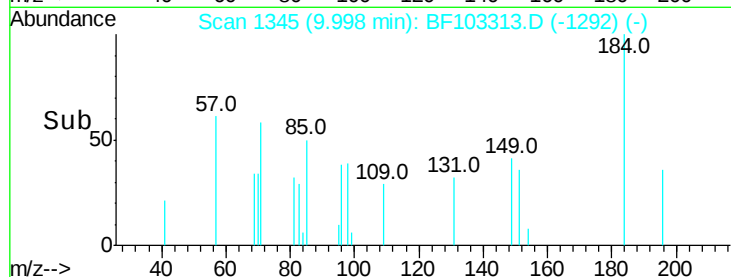
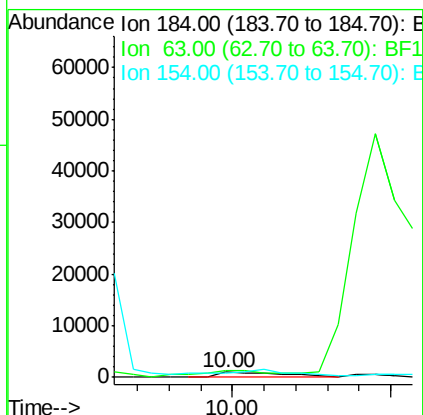
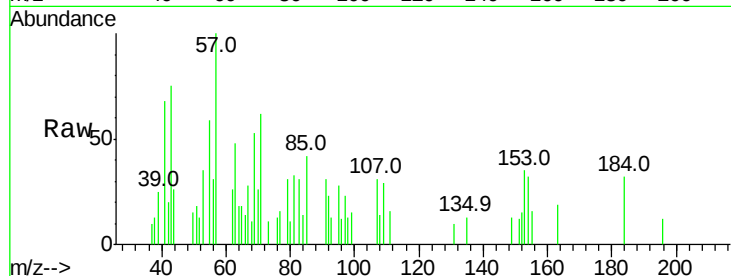




#53
2,4-Dinitrophenol
Concen: 10.500 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

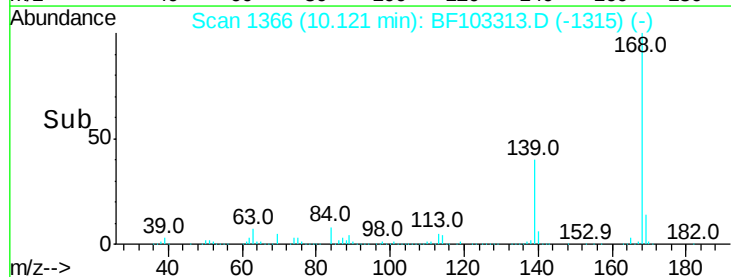
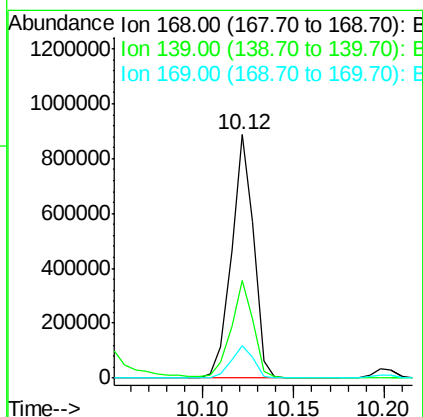
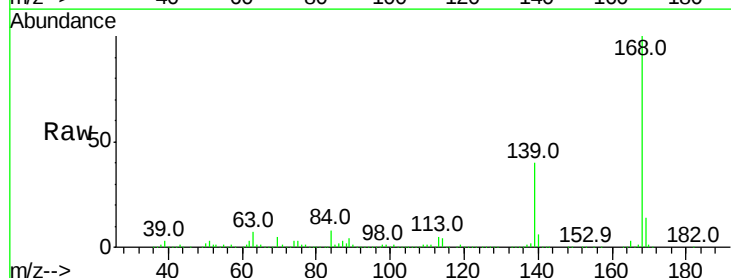
Instrument :
BNA_F
ClientSampleId :

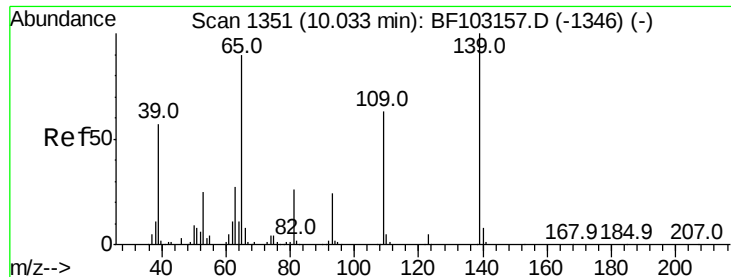
Tot Ion:184 Resp: 1474
Ion Ratio Lower Upper
184 100
63 148.1 54.2 81.2#
154 99.0 184.0 276.0#



#54
Dibenzofuran
Concen: 38.013 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:168 Resp: 752838
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.5 10.9 16.3

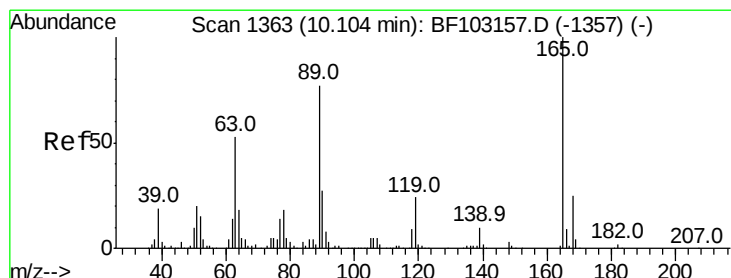
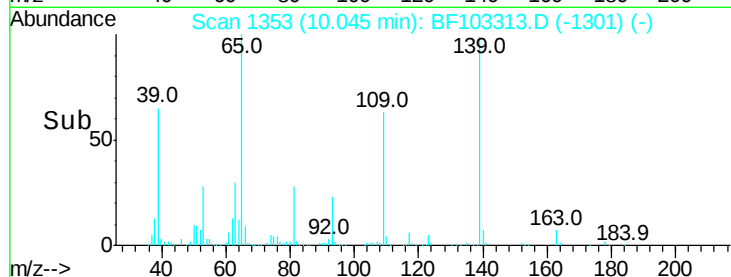
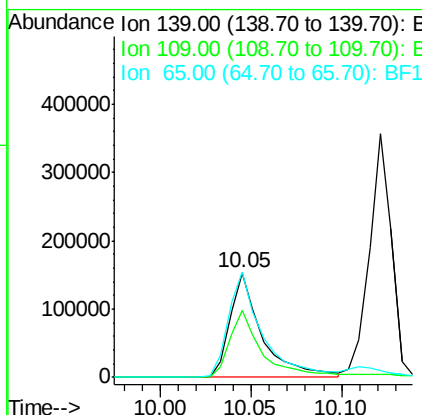
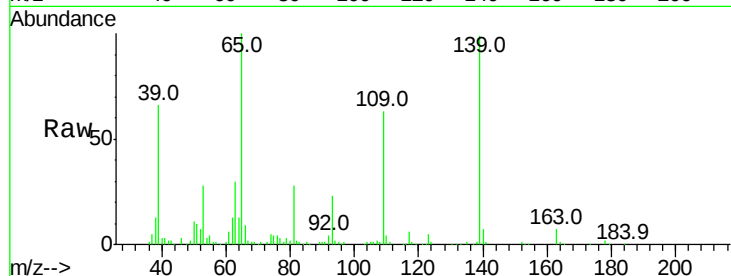




#55
4-Nitrophenol
Concen: 58.480 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

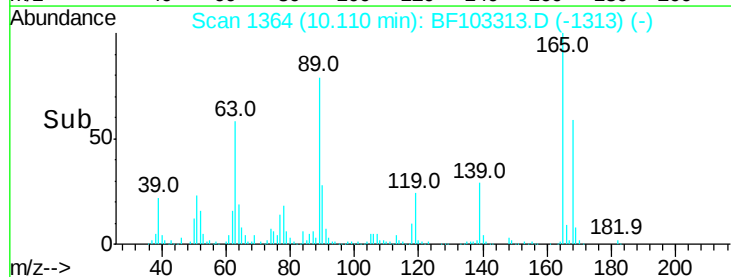
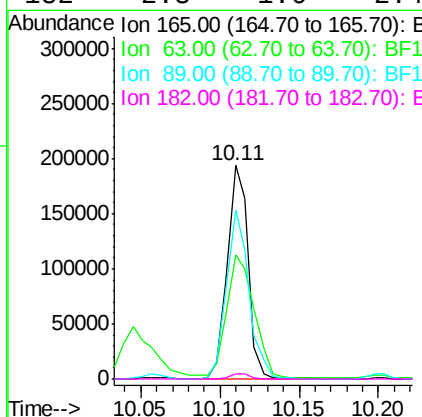
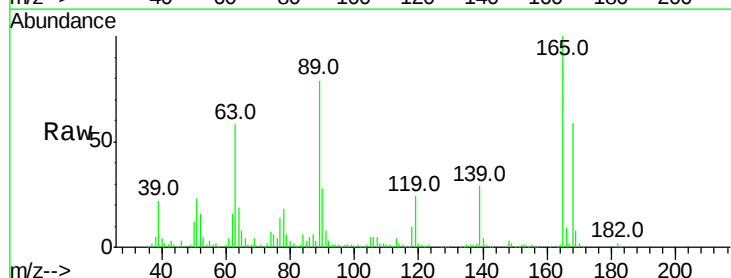
Instrument :
BNA_F
ClientSampled :

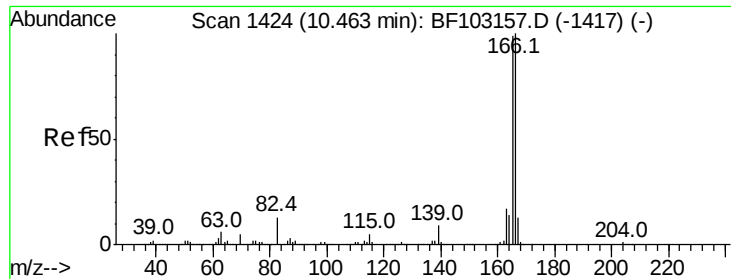
Tot Ion:139 Resp: 187778
Ion Ratio Lower Upper
139 100
109 63.5 48.4 88.4
65 101.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.313 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:165 Resp: 177213
Ion Ratio Lower Upper
165 100
63 58.0 36.4 54.6#
89 79.2 57.8 86.6
182 2.3 1.6 2.4

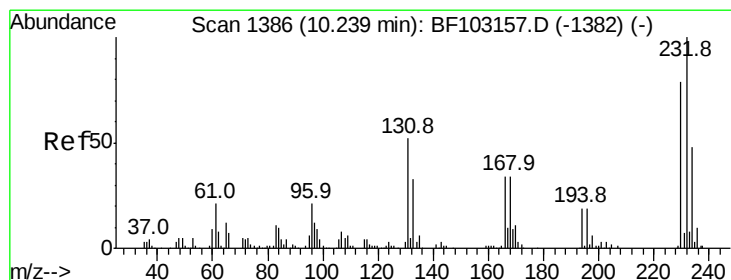
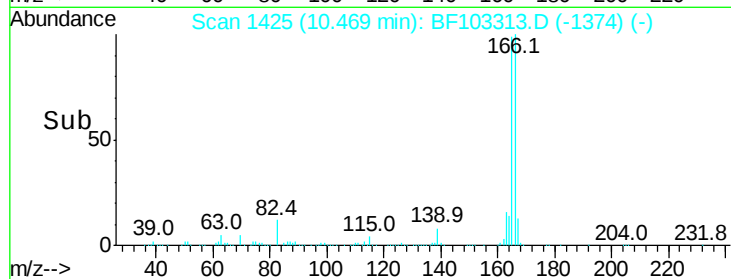
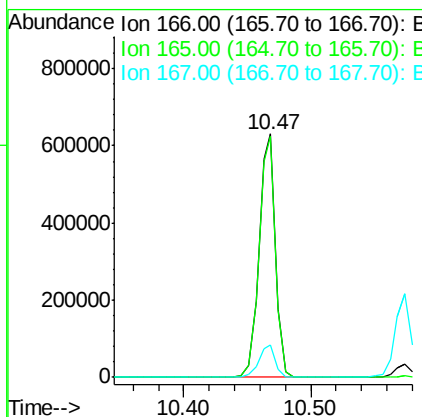
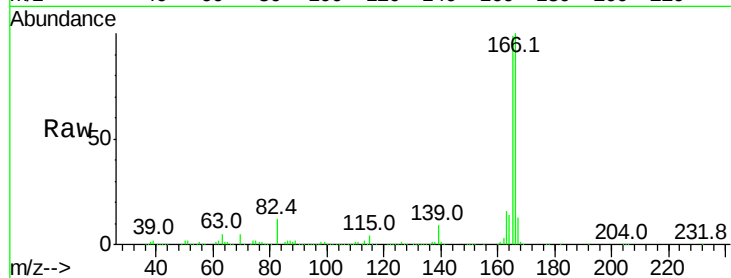




#57
 Fluorene
 Concen: 34.172 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

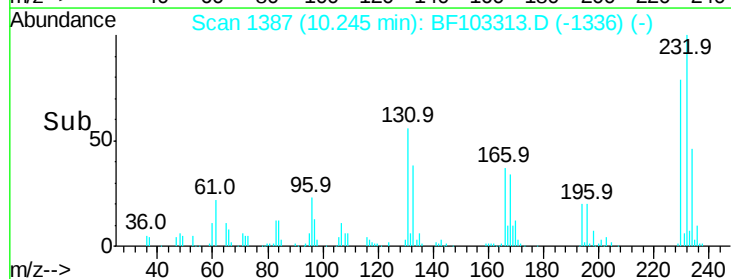
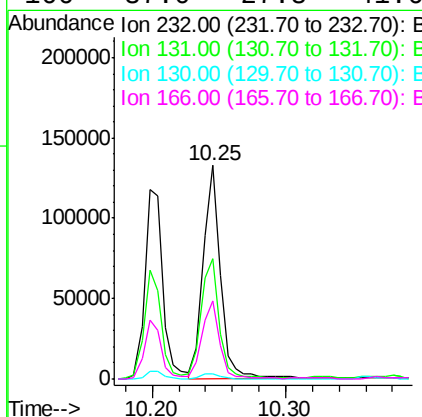
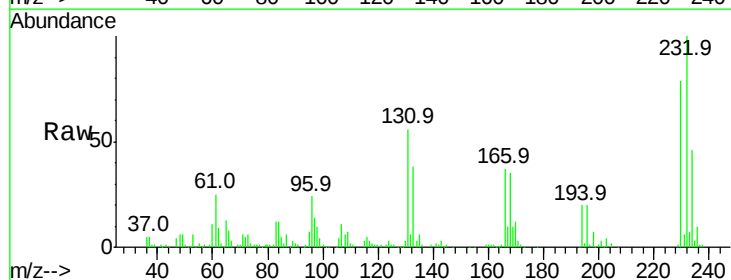
Instrument :
 BNA_F
 ClientSampleId :

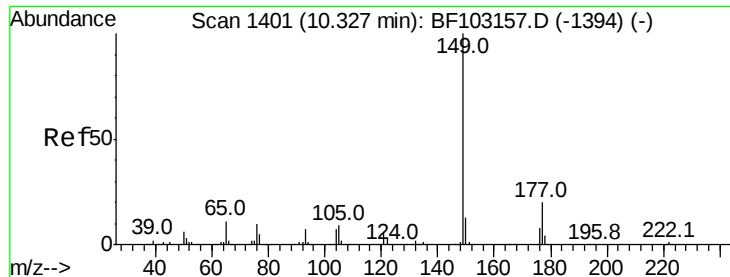
Tot Ion:166 Resp: 576503
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.506 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:232 Resp: 118958
 Ion Ratio Lower Upper
 232 100
 131 58.0 43.8 65.8
 130 3.0 2.1 3.1
 166 37.0 27.8 41.6

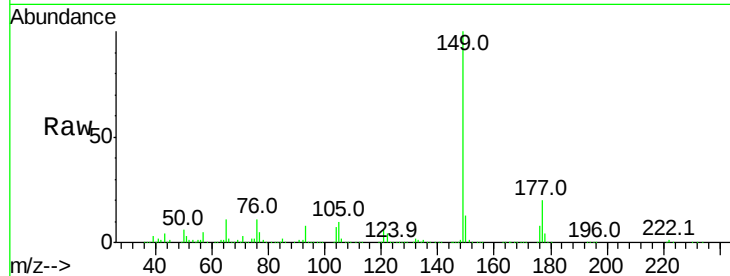




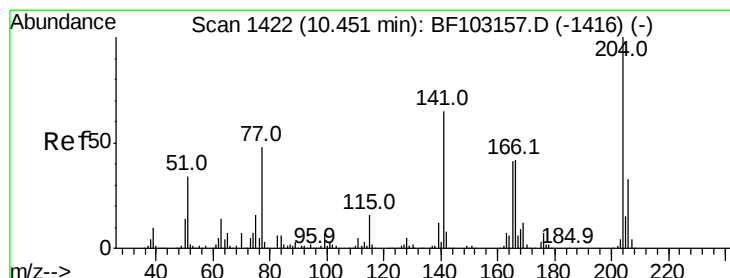
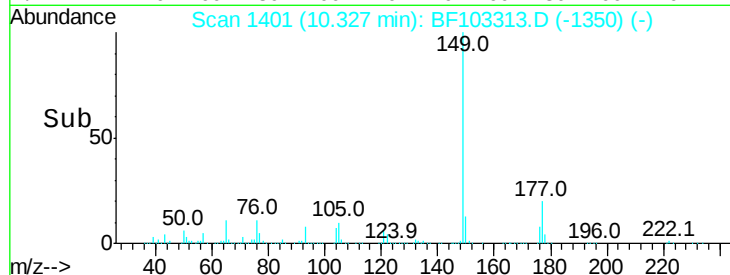
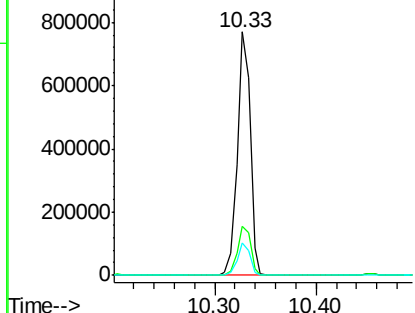
#59
Diethylphthalate
Concen: 36.602 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 681196
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 13.2 10.1 15.1

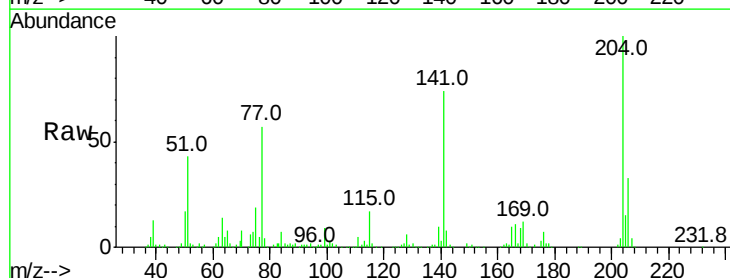


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

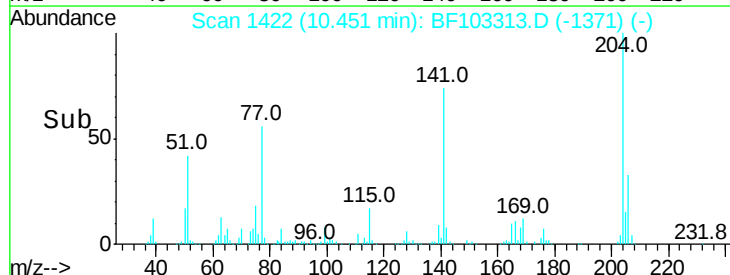
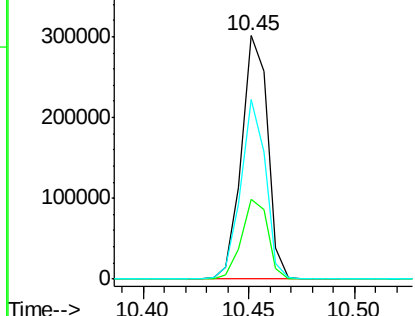


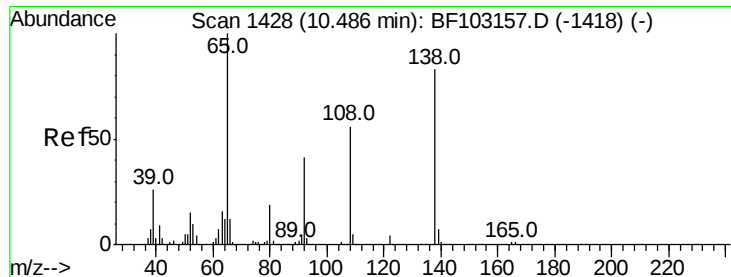
#60
4-Chlorophenyl-phenylether
Concen: 35.977 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:204 Resp: 257389
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 74.0 54.6 81.8



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

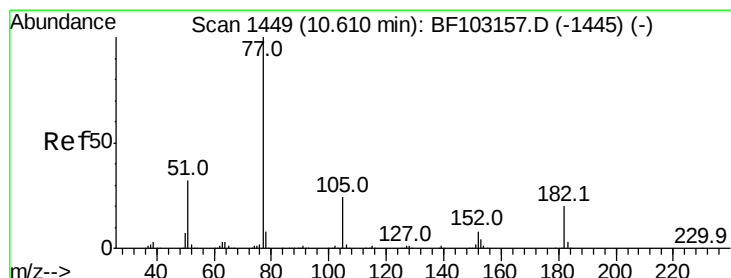
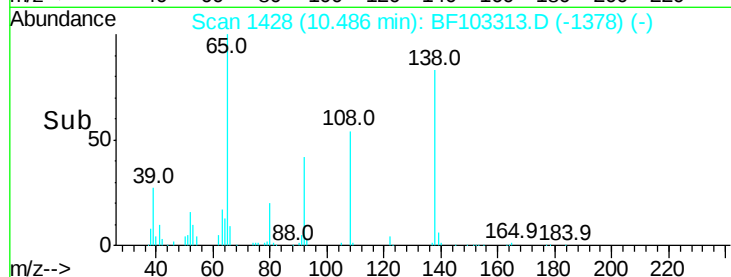
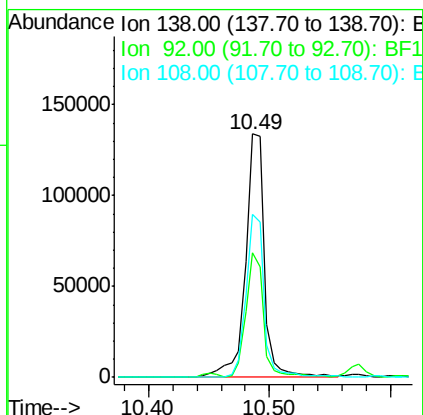
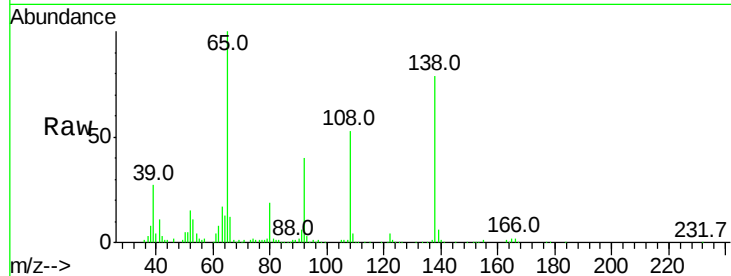




#61
4-Nitroaniline
Concen: 28.688 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

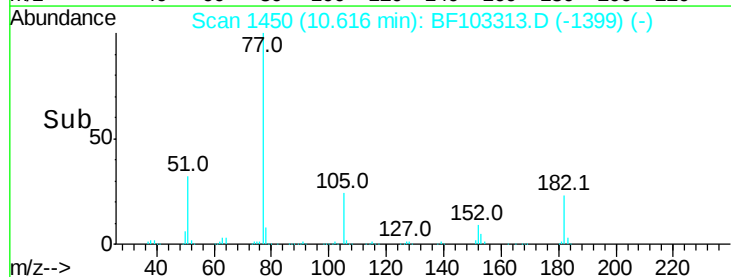
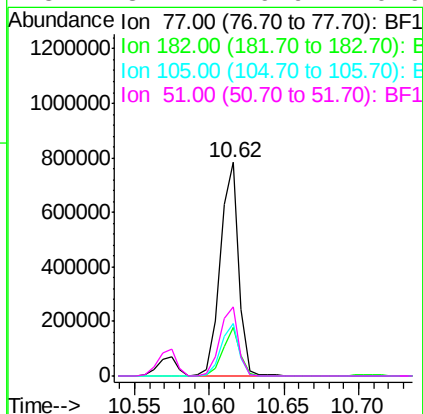
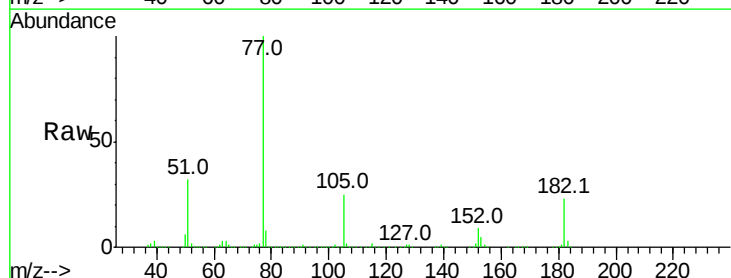
Instrument :
BNA_F
ClientSampleId :

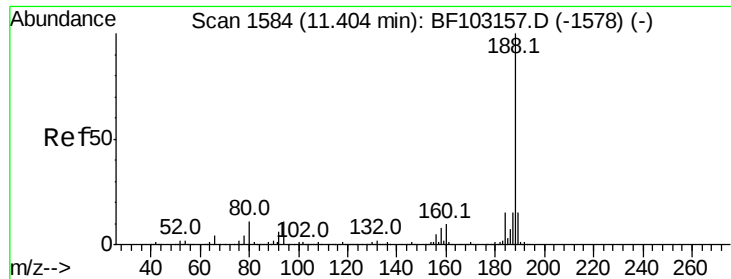
Tot Ion:138 Resp: 148451
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 67.0 52.5 92.5



#62
Azobenzene
Concen: 35.406 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion: 77 Resp: 670730
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 24.6 3.0 43.0
51 32.1 9.9 49.9

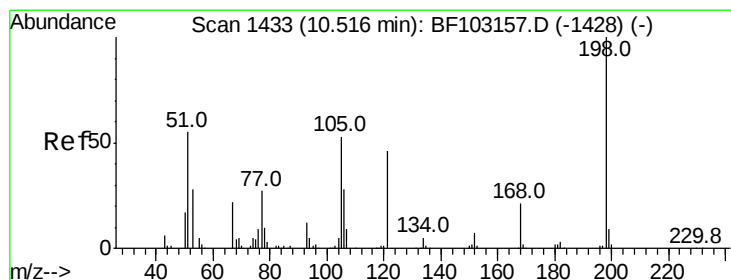
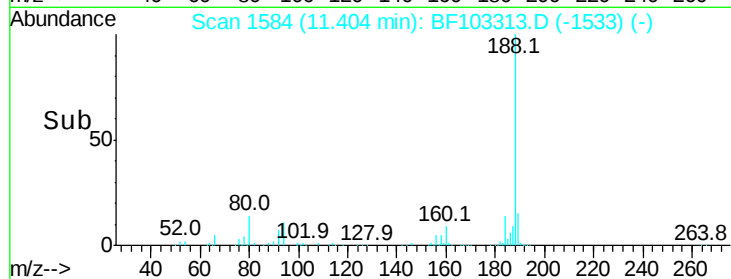
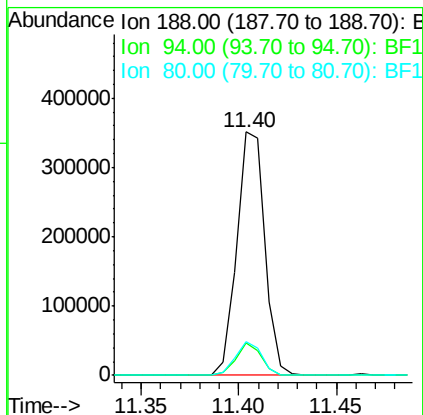
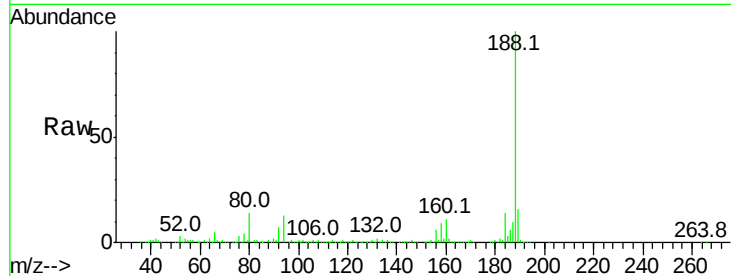




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

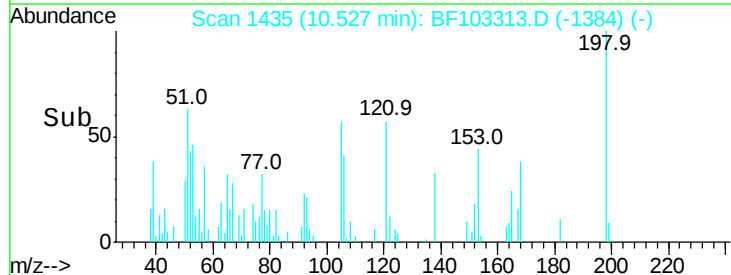
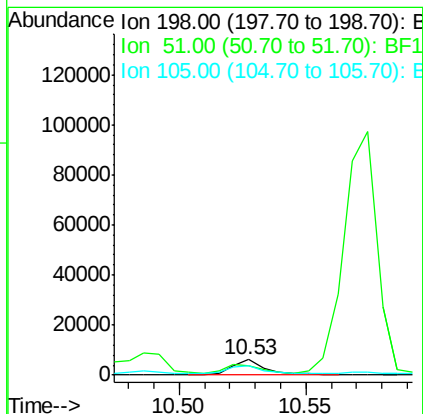
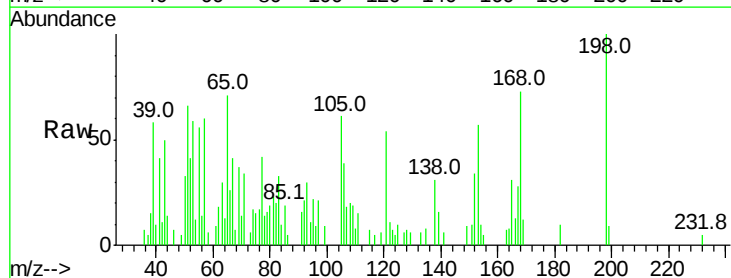
Instrument :
BNA_F
ClientSampleId :

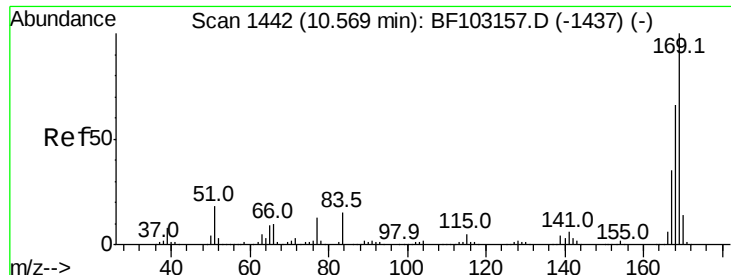
Tot Ion:188 Resp: 348733
Ion Ratio Lower Upper
188 100
94 13.2 8.5 12.7#
80 13.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.262 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:198 Resp: 5480
Ion Ratio Lower Upper
198 100
51 66.2 37.7 77.7
105 61.0 36.3 76.3

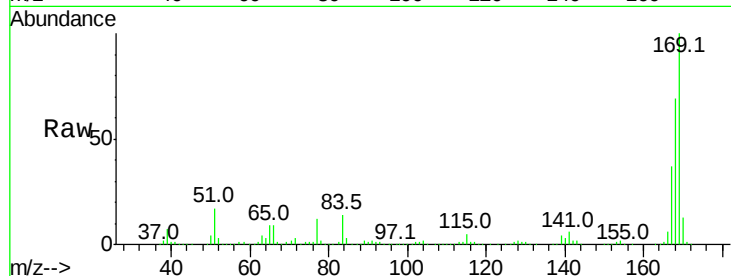




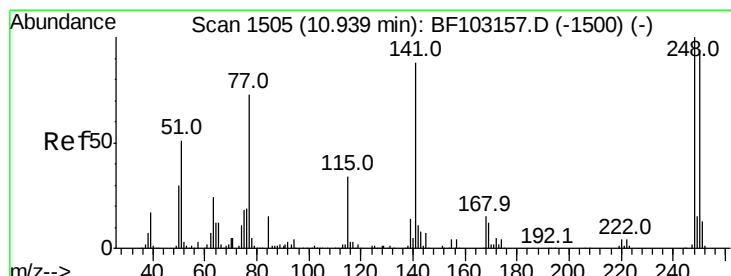
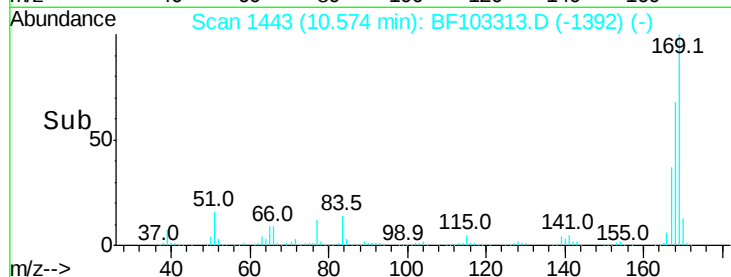
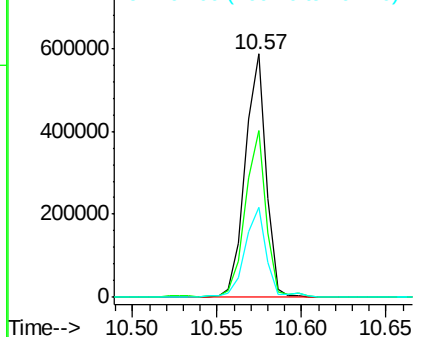
#65
 n-Nitrosodiphenylamine
 Concen: 41.571 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 504768
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.4 81.6
 167 37.2 29.8 44.6

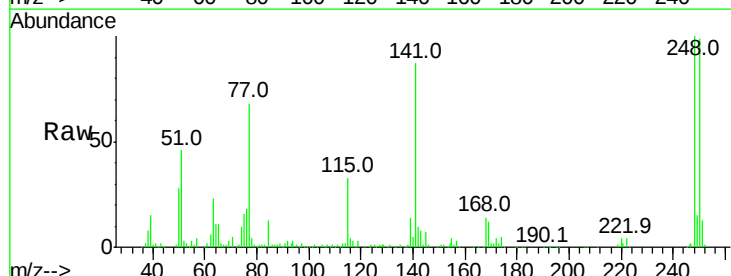


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

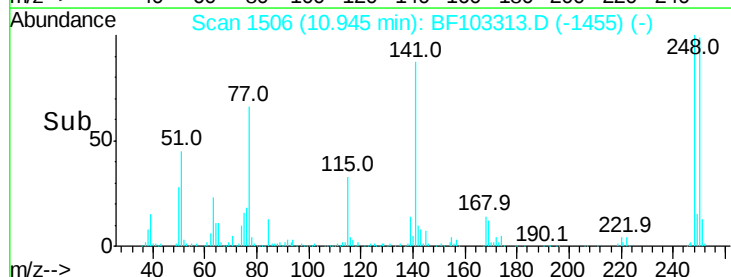
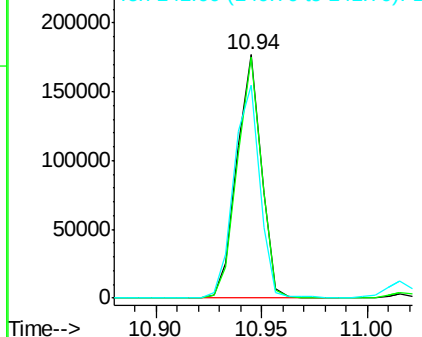


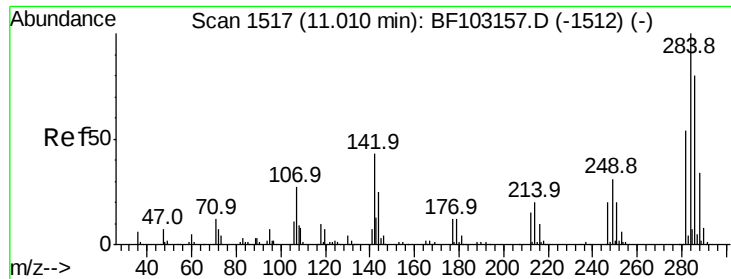
#66
 4-Bromophenyl-phenylether
 Concen: 38.949 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:248 Resp: 141493
 Ion Ratio Lower Upper
 248 100
 250 99.2 76.9 115.3
 141 87.4 74.4 111.6



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

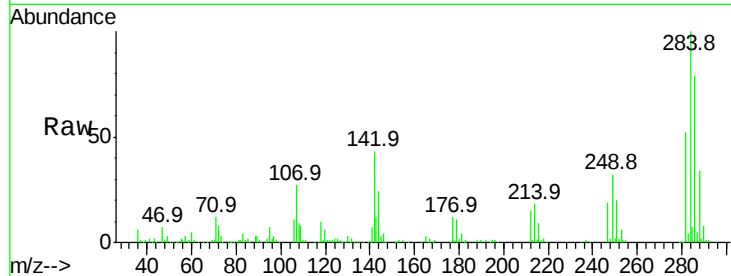




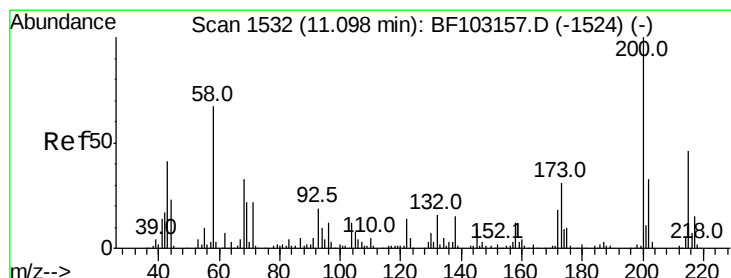
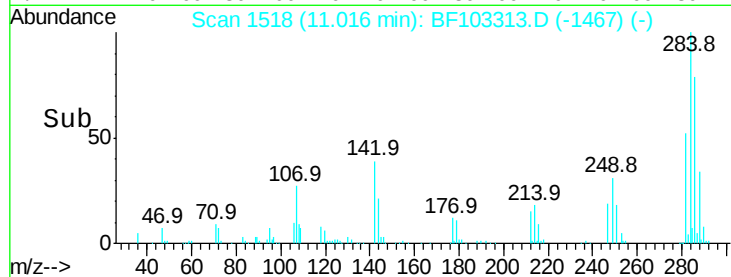
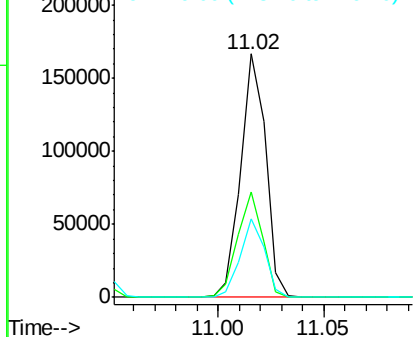
#67
Hexachlorobenzene
Concen: 34.675 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 136722
Ion Ratio Lower Upper
284 100
142 43.3 34.6 52.0
249 32.2 24.8 37.2

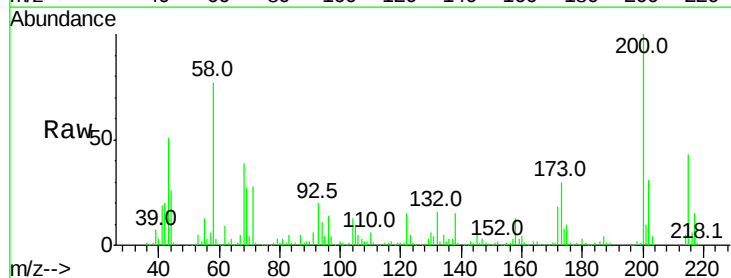


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

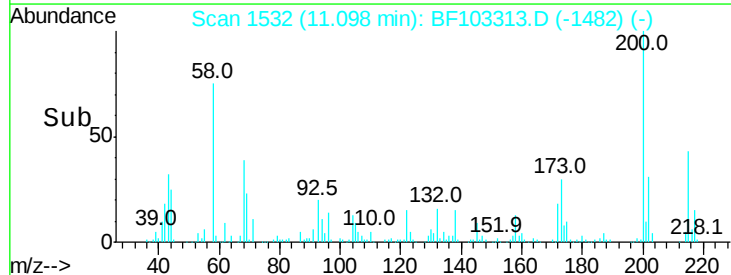
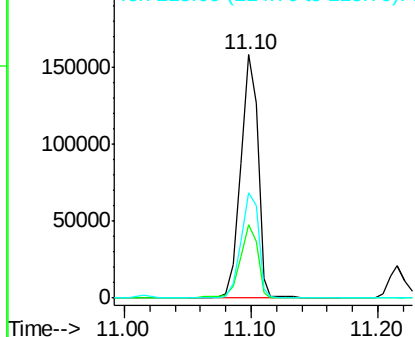


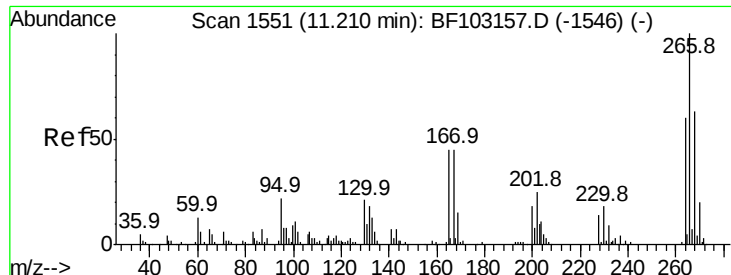
#68
Atrazine
Concen: 40.322 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:200 Resp: 147161
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 43.2 25.1 65.1



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





#69

Pentachlorophenol

Concen: 55.701 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

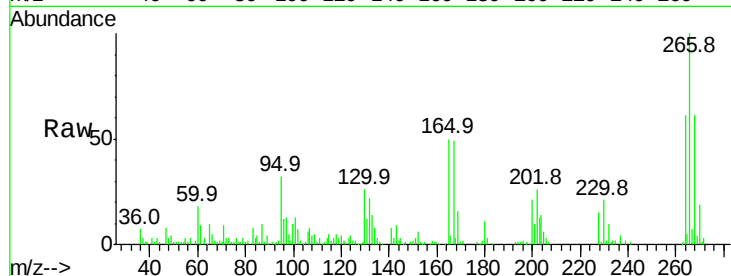
Tot Ion:266 Resp: 106194

Ion Ratio Lower Upper

266 100

268 61.4 51.1 76.7

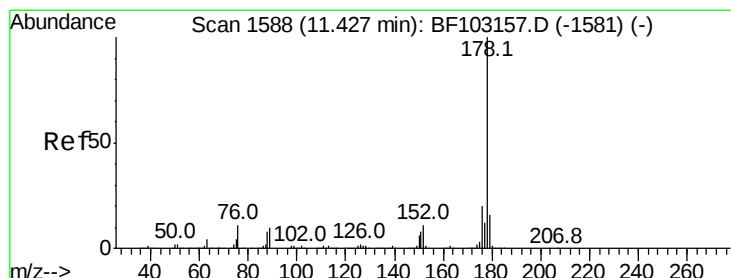
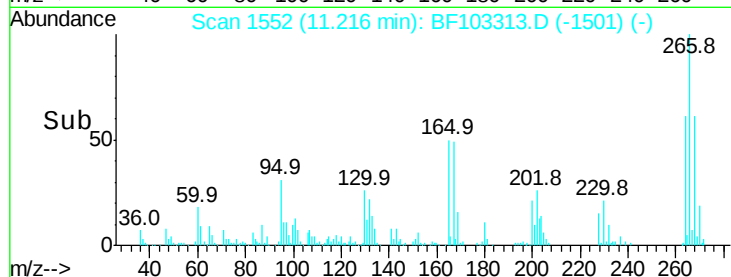
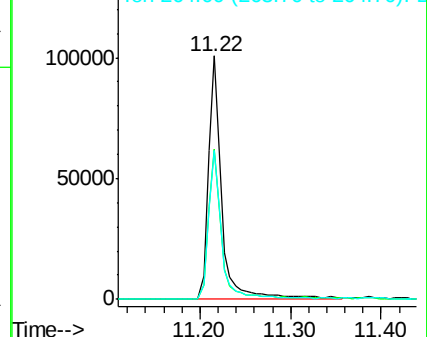
264 61.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.961 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

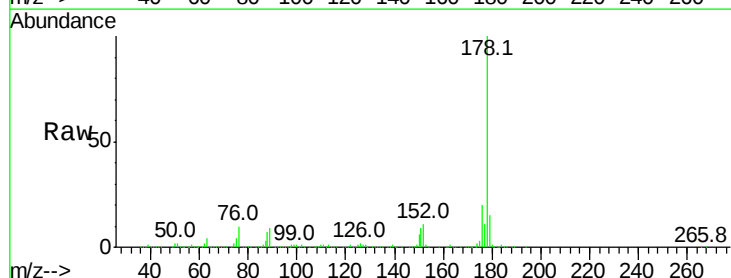
Tgt Ion:178 Resp: 882086

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

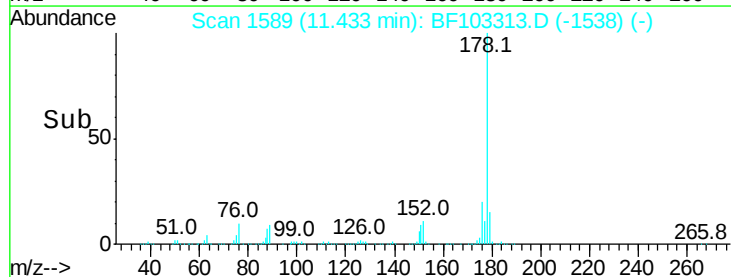
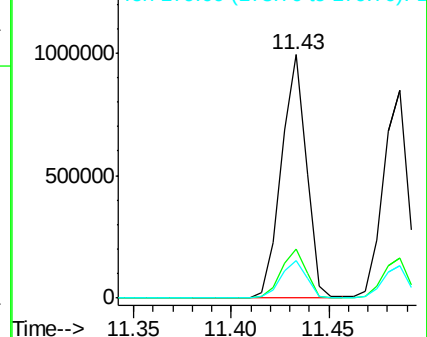
179 15.4 13.0 19.6

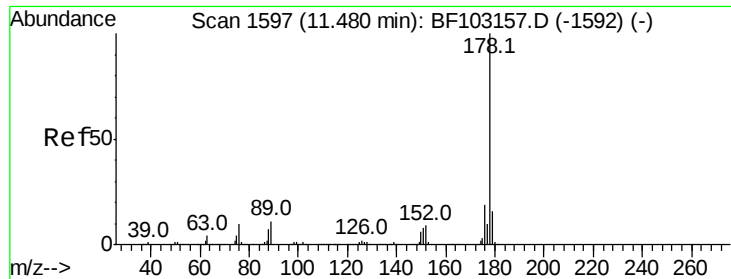


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

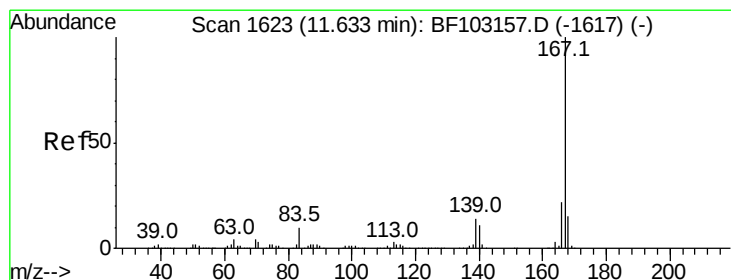
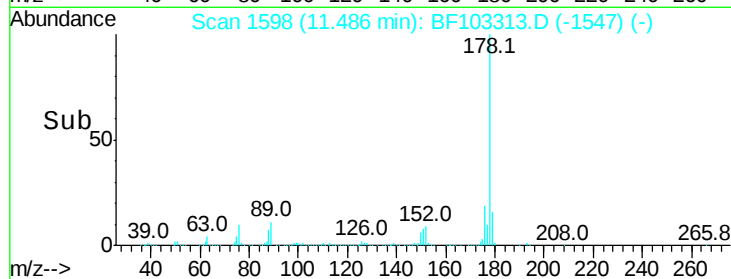
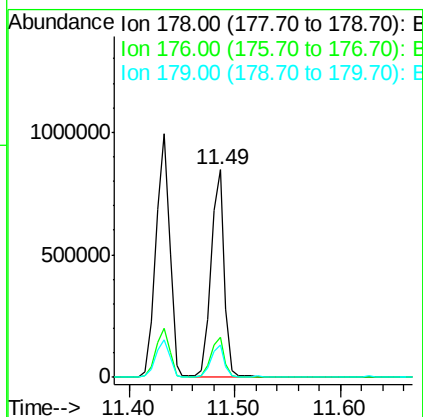
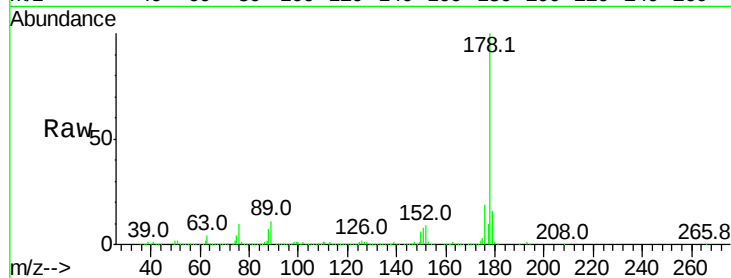




#71
 Anthracene
 Concen: 38.239 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

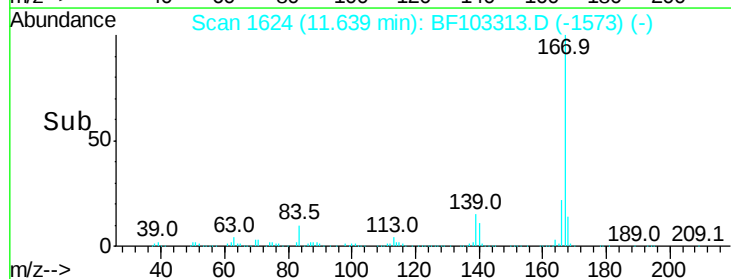
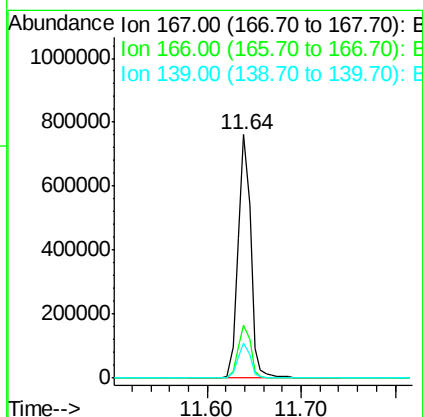
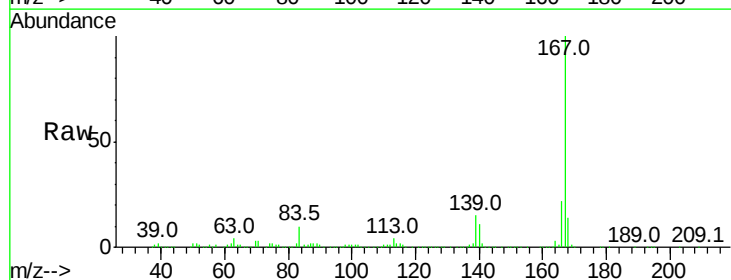
Instrument :
 BNA_F
 ClientSampleId :

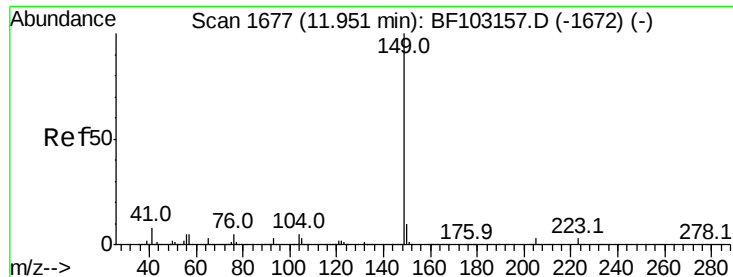
Tot Ion:178 Resp: 752553
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 36.252 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:167 Resp: 710476
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 14.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.032 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

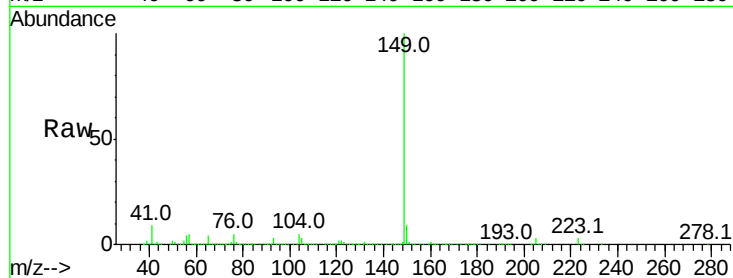
Tot Ion:149 Resp: 957176

Ion Ratio Lower Upper

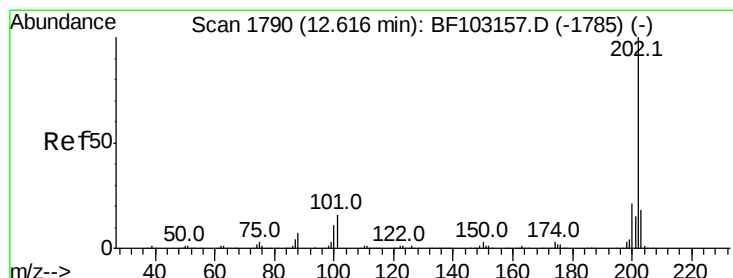
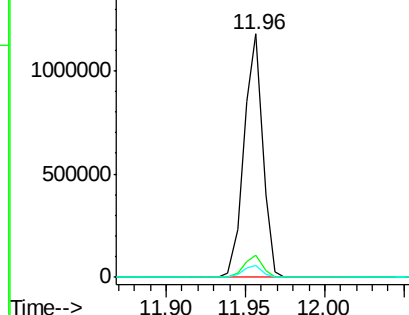
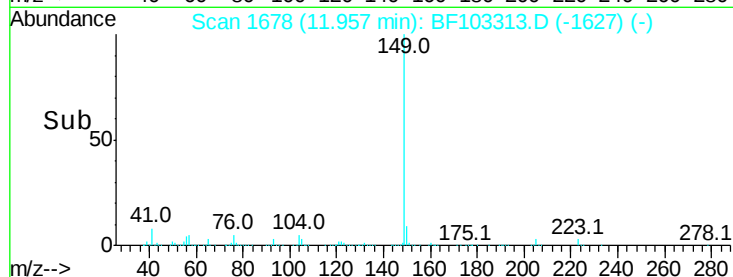
149 100

150 9.0 7.8 11.6

104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.016 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

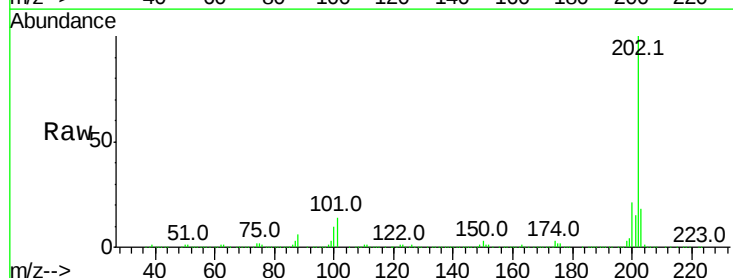
Tgt Ion:202 Resp: 868157

Ion Ratio Lower Upper

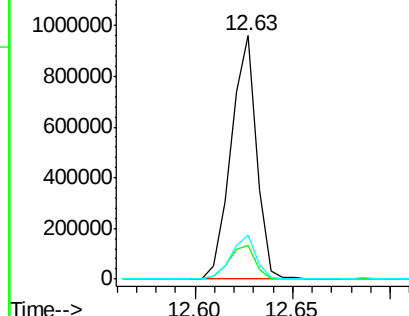
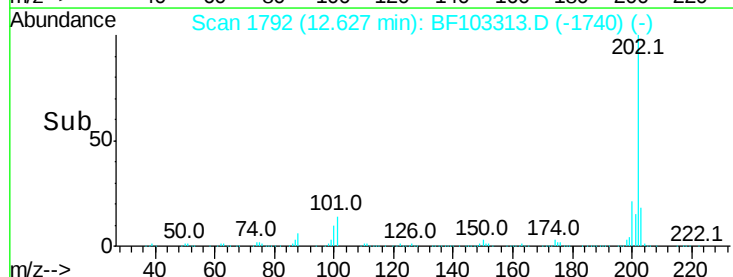
202 100

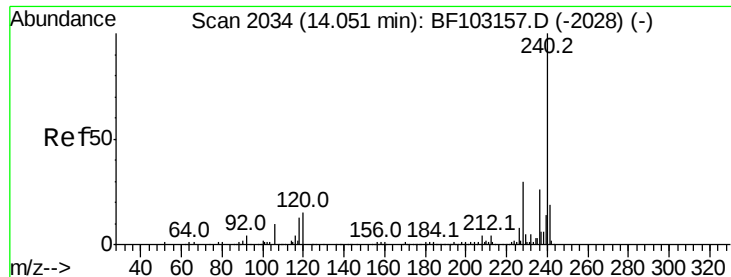
101 13.8 0.0 34.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

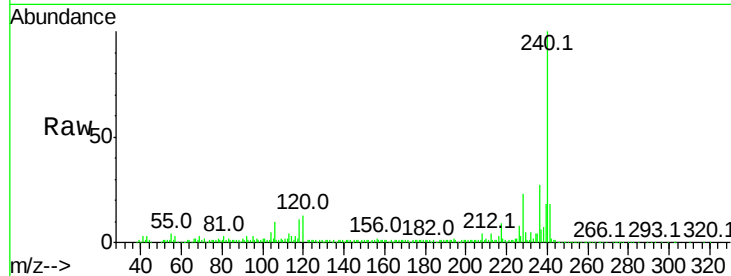
Tot Ion:240 Resp: 233334

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

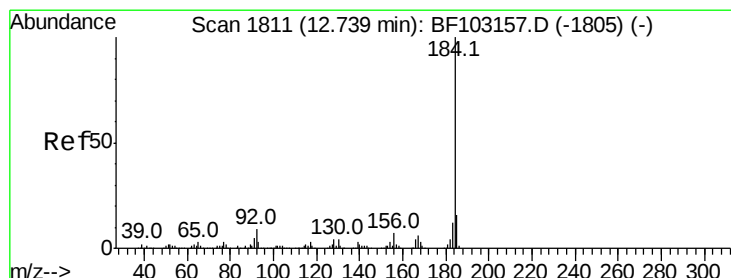
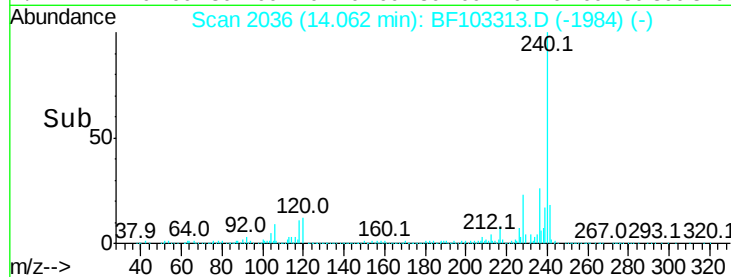
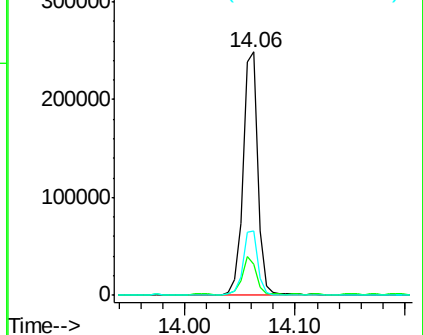
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.003 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

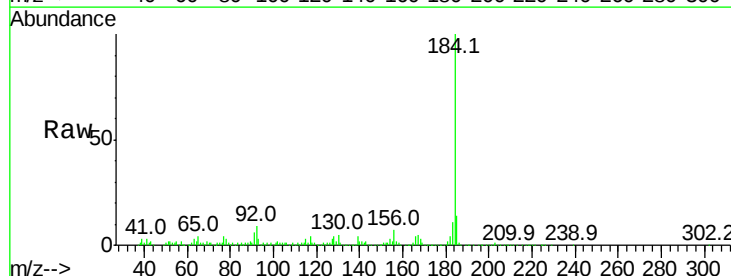
Tgt Ion:184 Resp: 296614

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

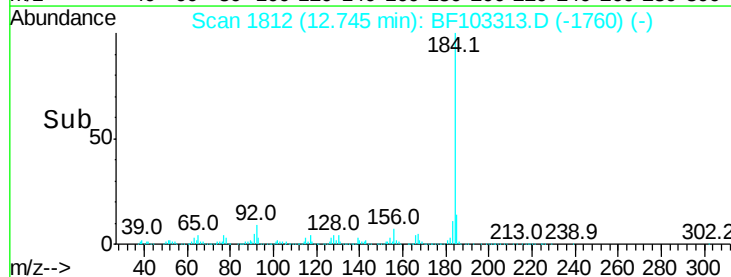
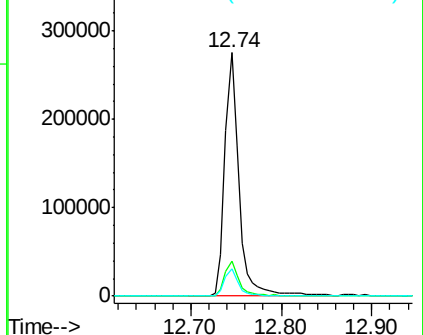
183 11.1 9.3 13.9

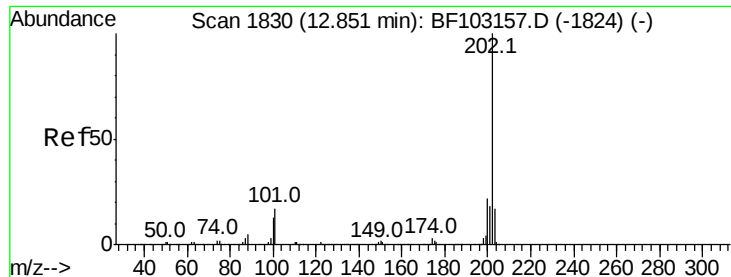


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.737 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

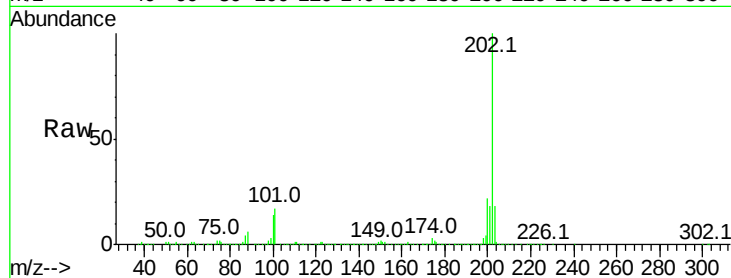
Tot Ion:202 Resp: 868435

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

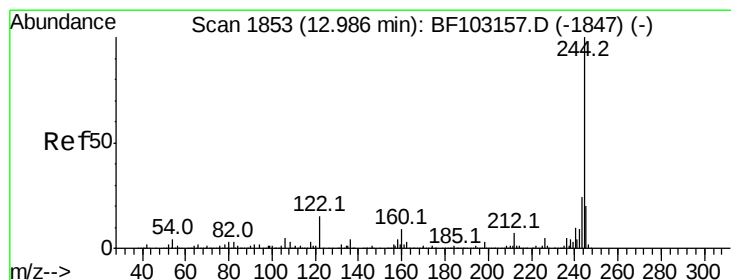
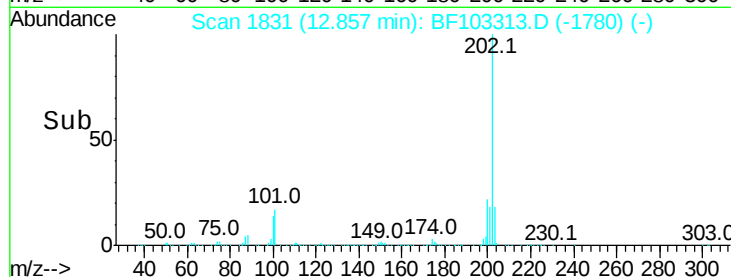
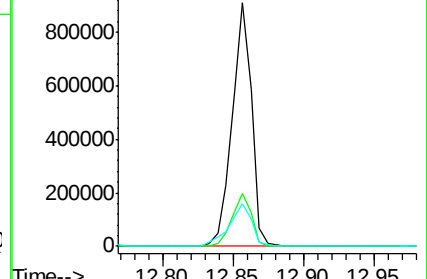
203 17.7 14.3 21.5



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: 69.292 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

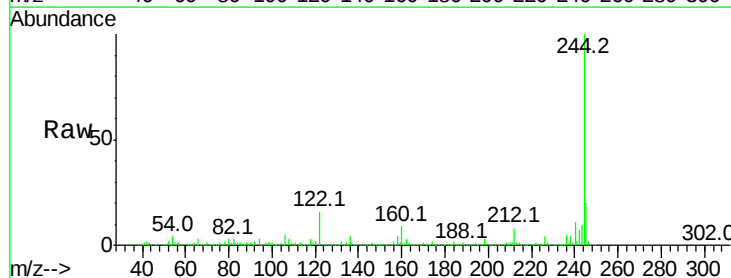
Tgt Ion:244 Resp: 672594

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

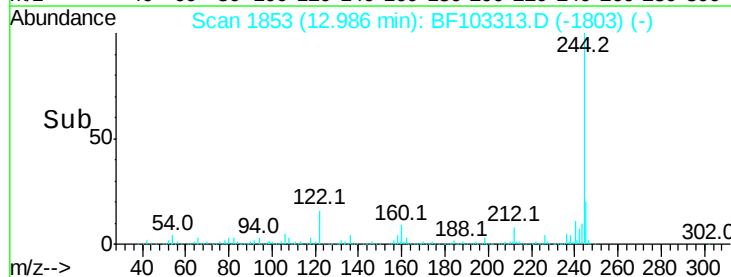
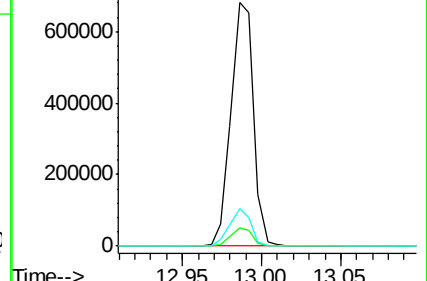
122 15.7 11.0 16.4

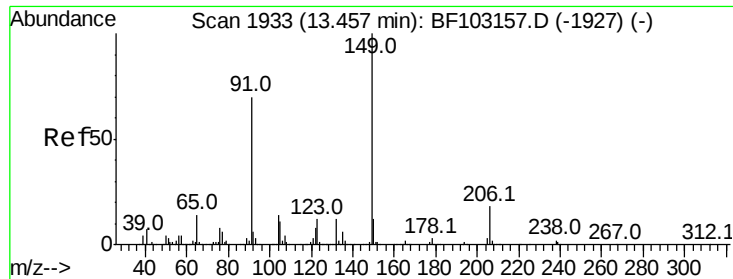


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

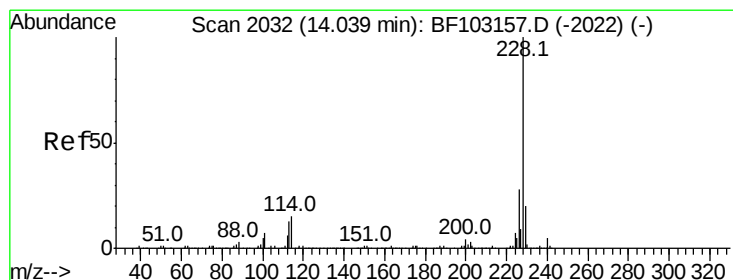
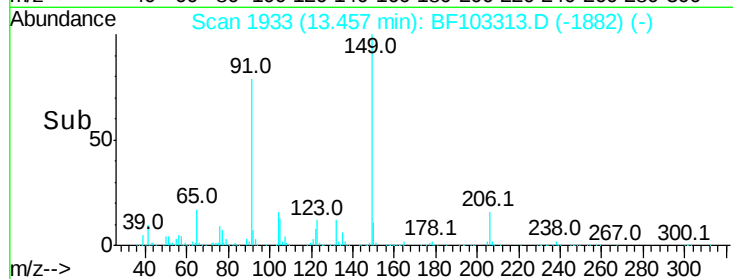
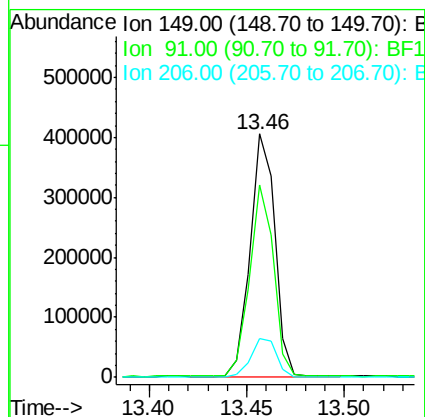
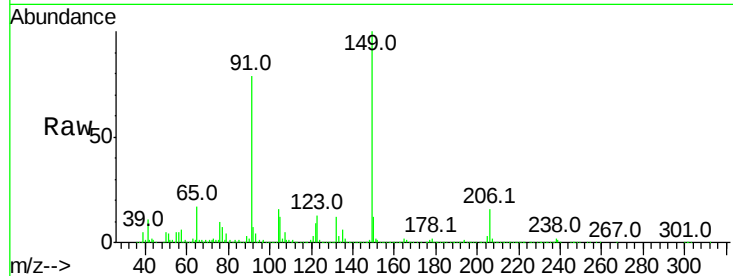




#79
Butylbenzylphthalate
Concen: 36.862 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

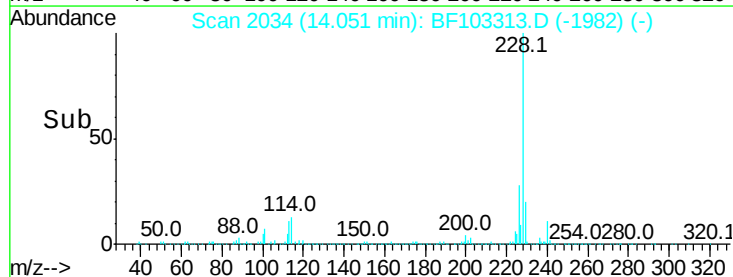
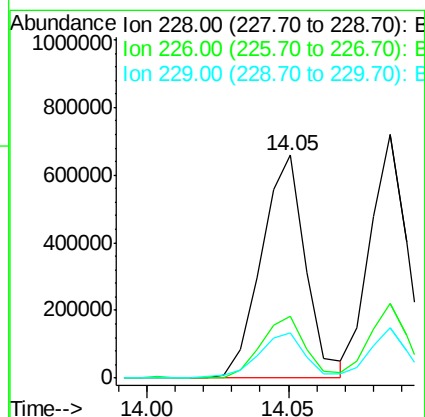
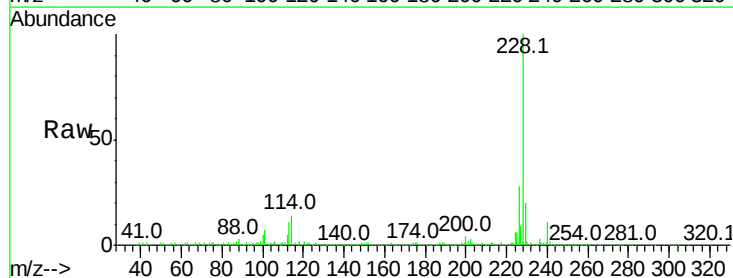
Instrument :
BNA_F
ClientSampleId :

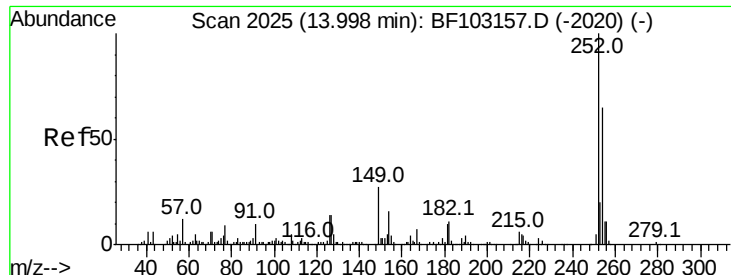
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	56.8	85.2
206	15.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.983 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6

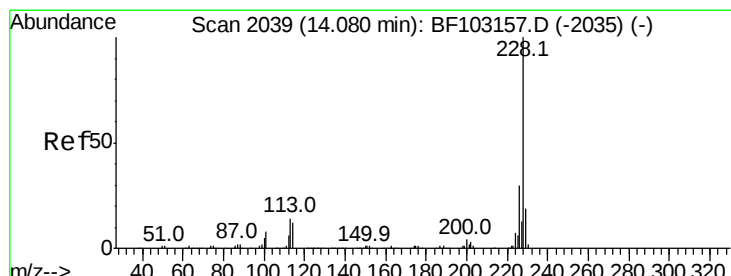
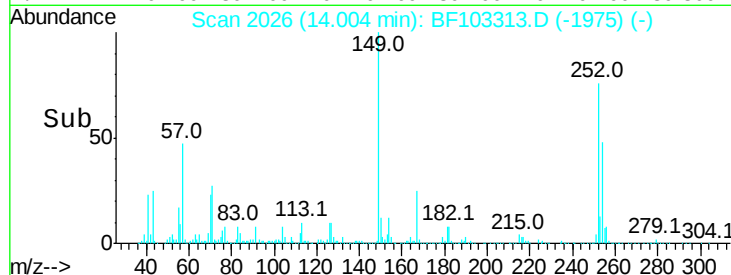
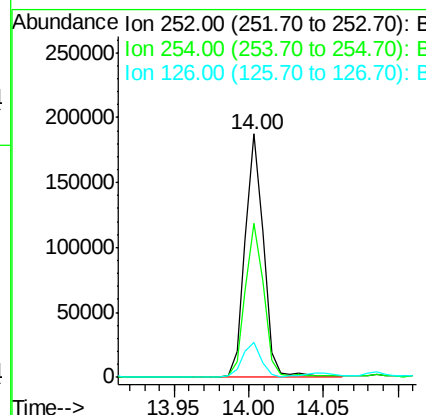
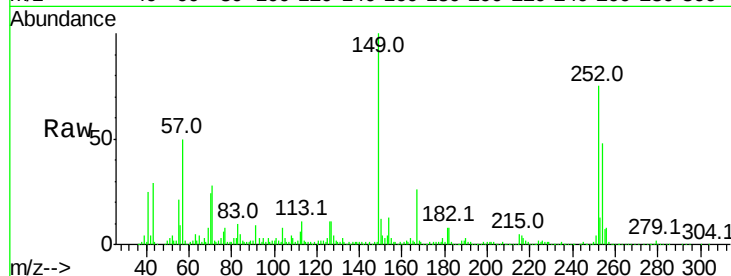




#81
 3,3'-Dichlorobenzidine
 Concen: 29.939 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

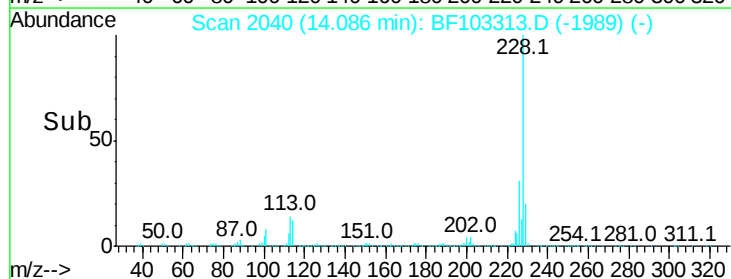
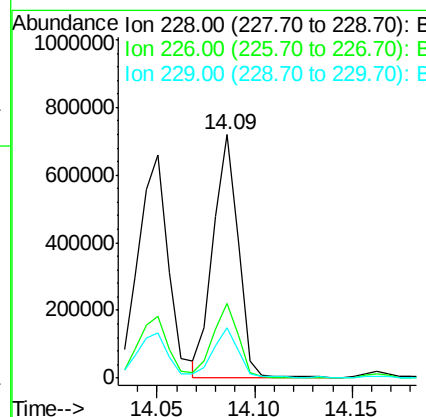
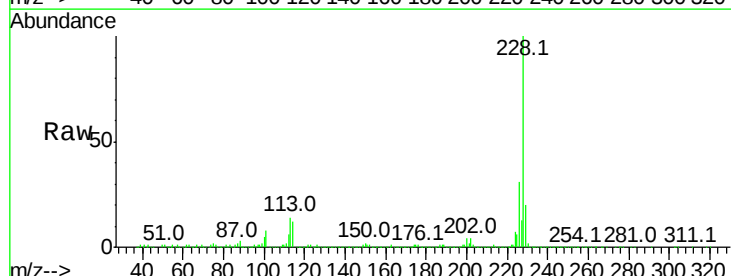
Instrument :
 BNA_F
 ClientSampled :

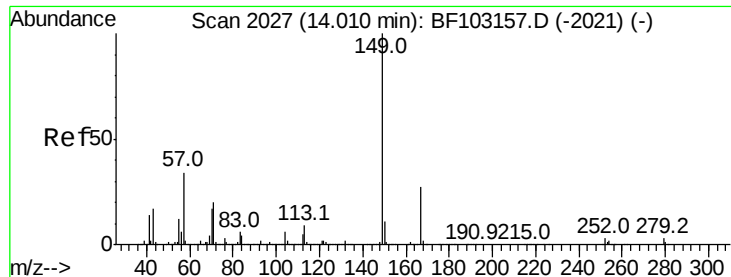
Tot Ion:252 Resp: 161762
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 14.2 11.3 16.9



#82
 Chrysene
 Concen: 43.537 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:228 Resp: 640000
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 136.411 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

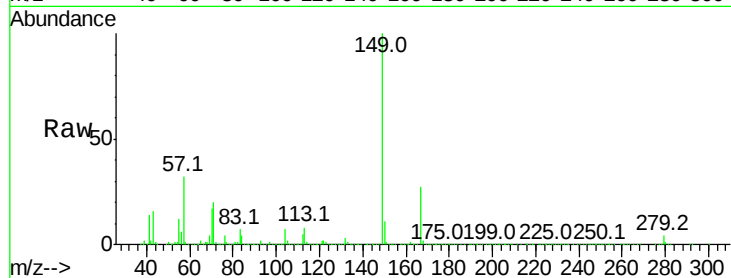
Tot Ion:149 Resp: 1769331

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

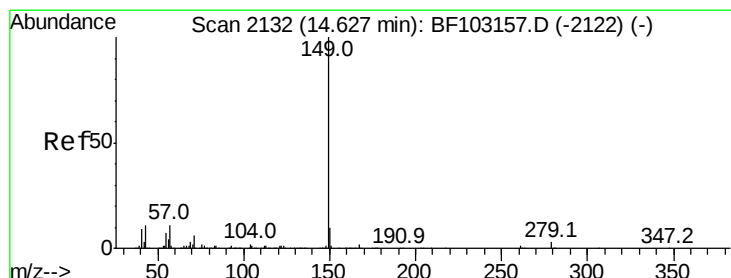
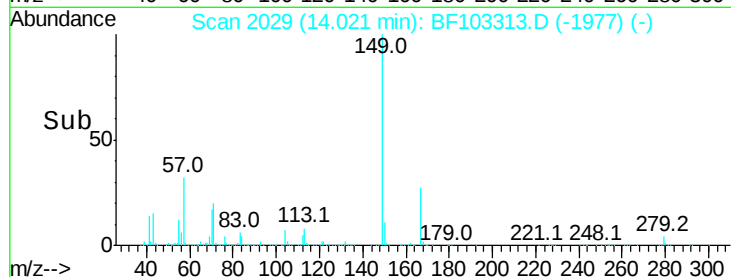
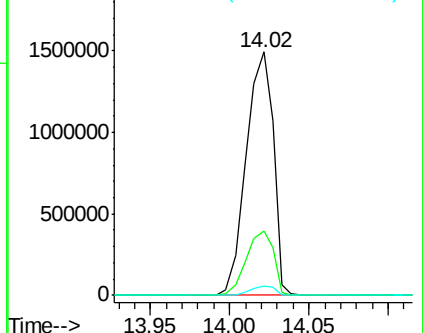
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.749 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

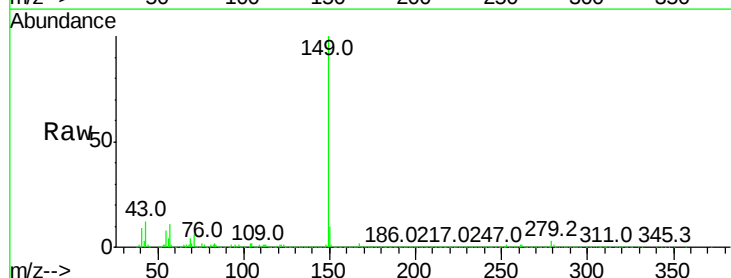
Tgt Ion:149 Resp: 832994

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

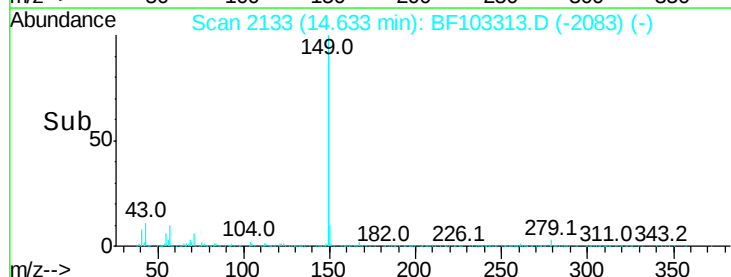
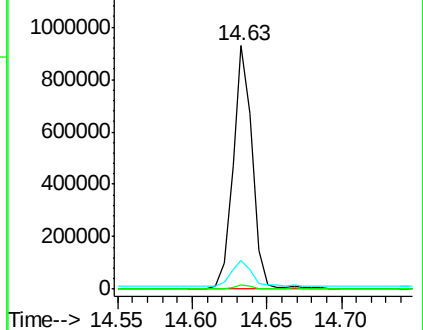
43 11.1 8.4 12.6

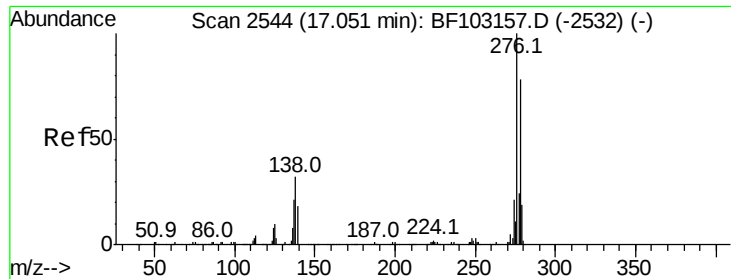


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

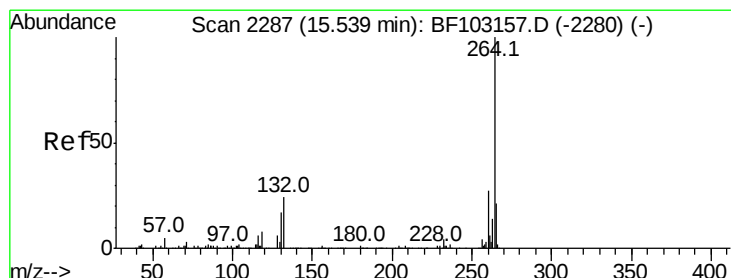
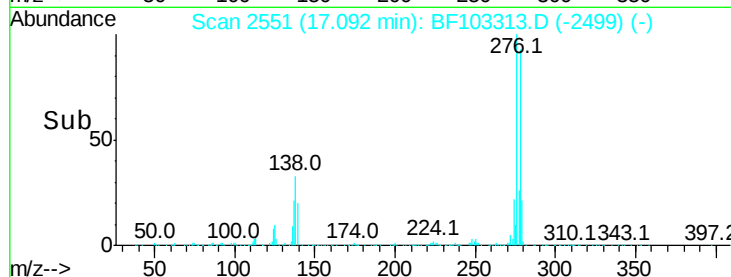
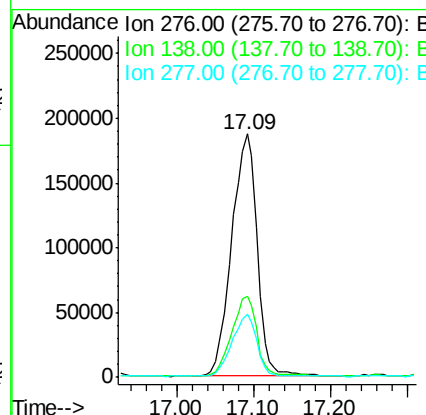
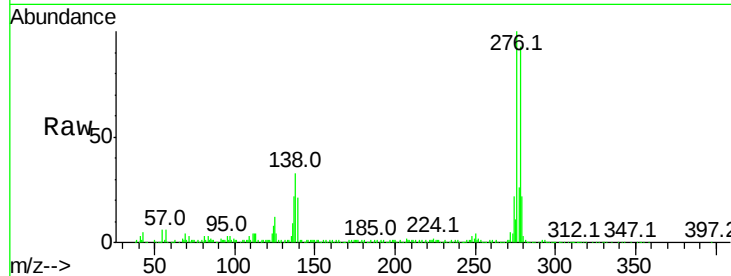




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.096 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

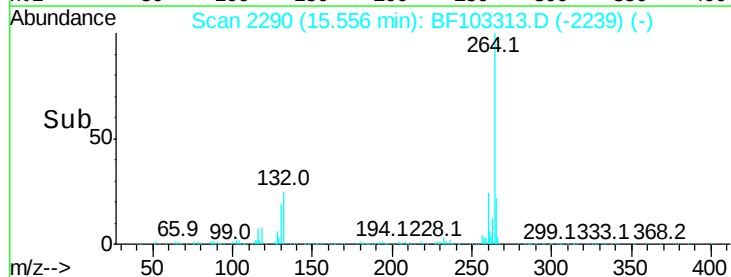
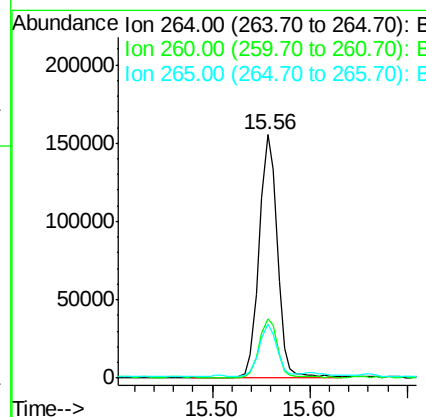
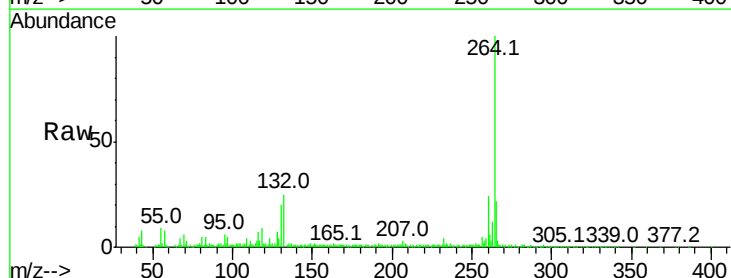
Instrument :
 BNA_F
 ClientSampleId :

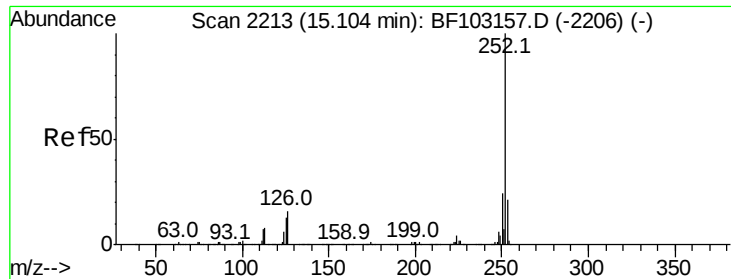
Tot Ion:276 Resp: 431716
 Ion Ratio Lower Upper
 276 100
 138 32.9 25.0 37.6
 277 23.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:264 Resp: 201508
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 48.278 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

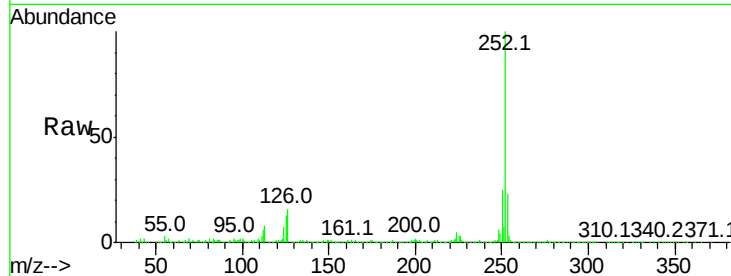
Tot Ion:252 Resp: 639635

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

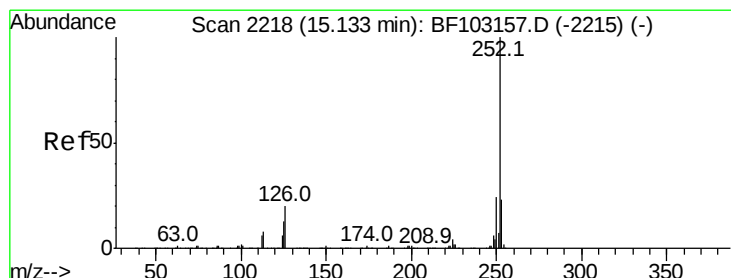
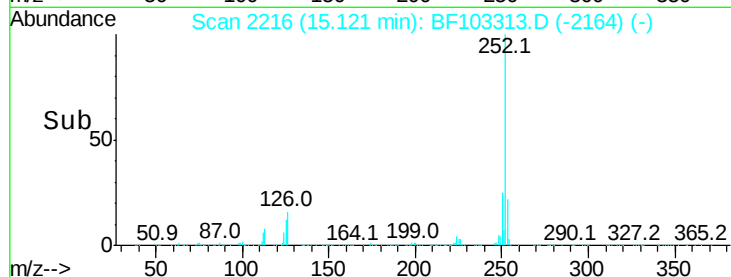
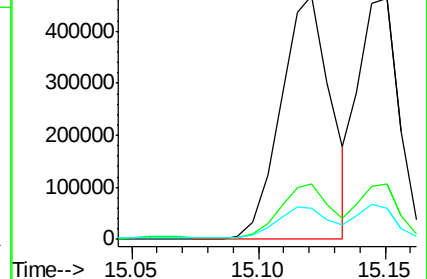
125 13.0 9.0 13.6



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: 41.611 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

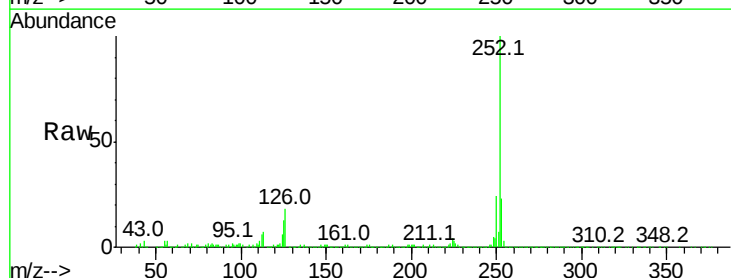
Tgt Ion:252 Resp: 519134

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

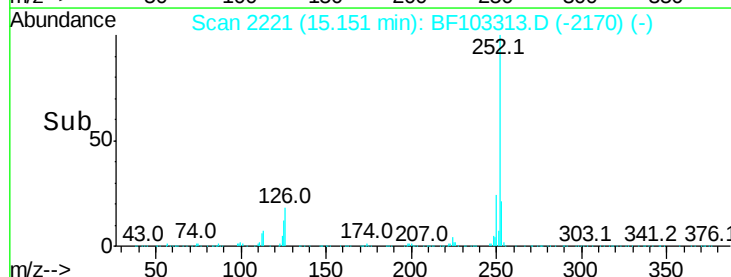
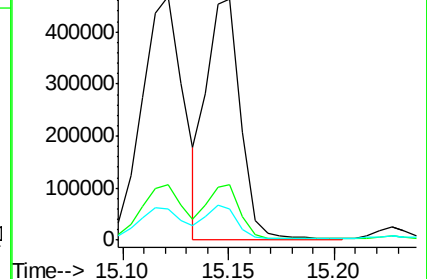
125 12.7 10.2 15.2

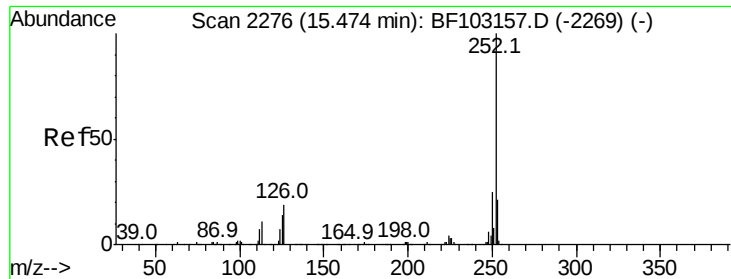


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

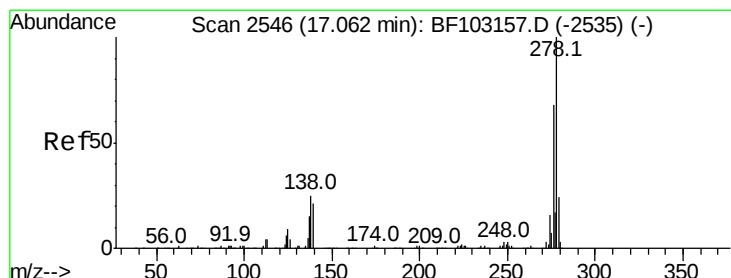
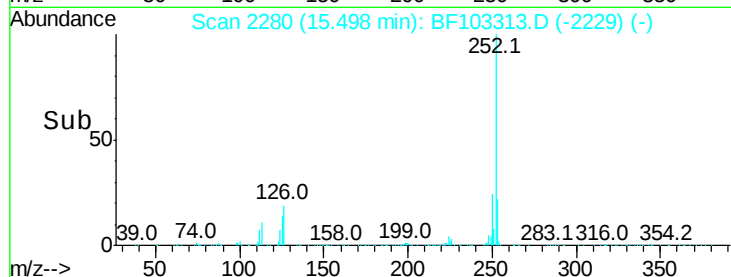
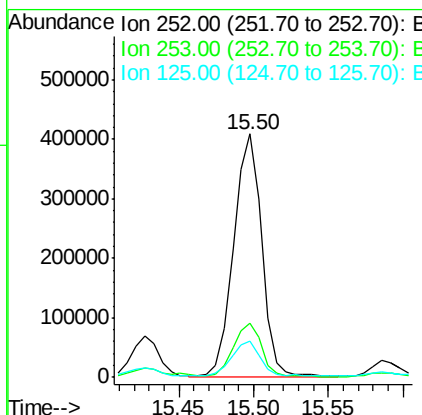
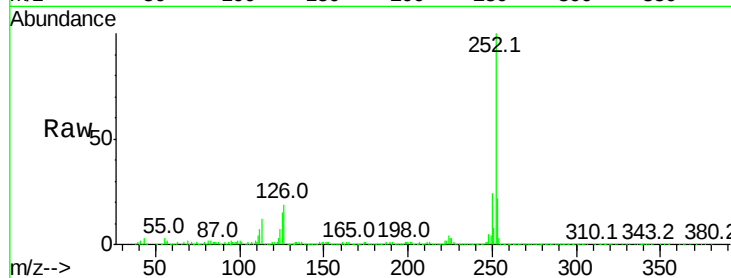




#89
Benzo(a)pyrene
Concen: 45.337 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

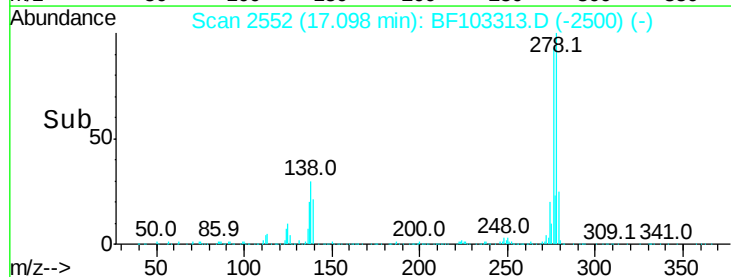
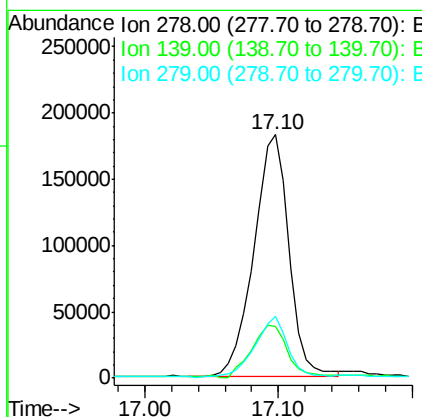
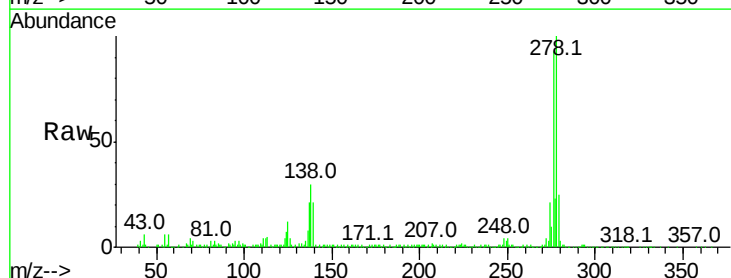
Instrument :
BNA_F
ClientSampleId :

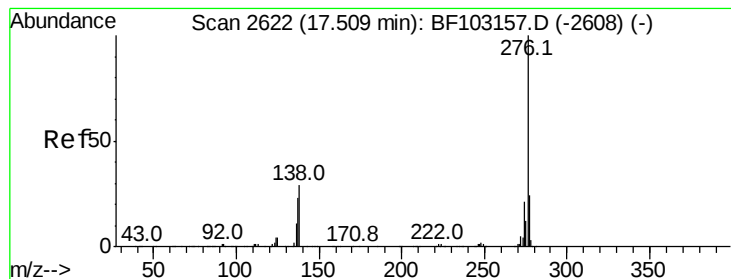
Tot Ion:252 Resp: 536396
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 15.1 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 36.185 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:278 Resp: 330816
Ion Ratio Lower Upper
278 100
139 21.3 15.9 23.9
279 25.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.202 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

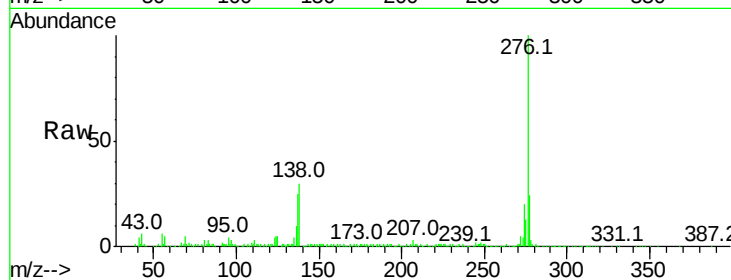
Tot Ion:276 Resp: 359206

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.2 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

