

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103825.D
 Acq On : 21 Mar 2018 2:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 03:16:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156238	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	609724	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	277471	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	442784	20.00	ng	0.01
75) Chrysene-d12	14.16	240	299643	20.00	ng	0.01
86) Perylene-d12	15.70	264	269776	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	830154	80.82	ng	0.00
7) Phenol-d6	6.59	99	995477	79.21	ng	0.00
23) Nitrobenzene-d5	7.54	82	813072	92.99	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	219176	91.87	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1374271	79.01	ng	0.00
78) Terphenyl-d14	13.09	244	1074915	83.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	197064	38.961	ng	89
3) Pyridine	3.59	79	540112	38.823	ng	89
4) n-Nitrosodimethylamine	3.56	42	177811	34.664	ng	# 75
6) Aniline	6.64	93	696227	38.798	ng	97
8) 2-Chlorophenol	6.76	128	445360	41.388	ng	96
9) Benzaldehyde	6.53	77	313899	38.020	ng	97
10) Phenol	6.61	94	522627	39.136	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	433084	39.285	ng	92
12) 1,3-Dichlorobenzene	6.92	146	487500	39.777	ng	98
13) 1,4-Dichlorobenzene	6.99	146	486090	39.470	ng	98
14) 1,2-Dichlorobenzene	7.15	146	434762	38.044	ng	100
15) Benzyl Alcohol	7.11	79	354889	36.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	530906	33.860	ng	93
17) 2-Methylphenol	7.22	107	364065	37.993	ng	98
18) Hexachloroethane	7.49	117	152380	35.176	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	279570	34.712	ng	90
20) 3+4-Methylphenols	7.37	107	451524	37.129	ng	99
22) Acetophenone	7.38	105	576256	36.774	ng	# 95
24) Nitrobenzene	7.56	77	433604	42.242	ng	98
25) Isophorone	7.79	82	739476	36.535	ng	100
26) 2-Nitrophenol	7.87	139	218049	54.292	ng	95
27) 2,4-Dimethylphenol	7.90	122	340926	39.318	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	466010	38.022	ng	100
29) 2,4-Dichlorophenol	8.11	162	328189	41.602	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	363482	39.726	ng	99
31) Naphthalene	8.28	128	1174215	38.124	ng	100
32) Benzoic acid	8.00	122	167384	31.618	ng	96
33) 4-Chloroaniline	8.32	127	514134	39.789	ng	98
34) Hexachlorobutadiene	8.39	225	201785	40.224	ng	99
35) Caprolactam	8.70	113	113479	41.775	ng	# 79
36) 4-Chloro-3-methylphenol	8.80	107	363697	41.820	ng	97
37) 2-Methylnaphthalene	8.97	142	791541	40.525	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	339480	42.886	ng	99
40) Hexachlorocyclopentadiene	9.12	237	32669	7.998	ng	96

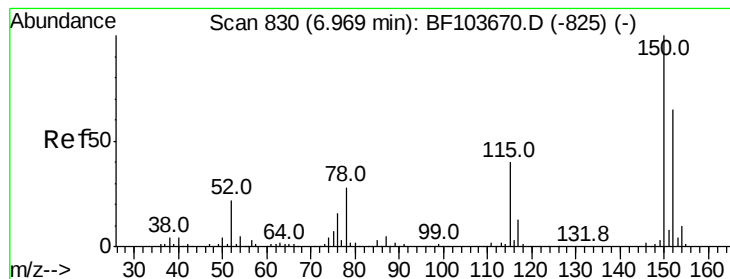
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103825.D
 Acq On : 21 Mar 2018 2:20
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 03:16:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	235627	46.537	ng	97
43) 2,4,5-Trichlorophenol	9.29	196	261200	45.706	ng	94
45) 1,1'-Biphenyl	9.43	154	936724	40.486	ng	100
46) 2-Chloronaphthalene	9.46	162	750464	40.837	ng	99
47) 2-Nitroaniline	9.56	65	239698	49.596	ng	95
48) Acenaphthylene	9.88	152	1138334	39.946	ng	99
49) Dimethylphthalate	9.73	163	887901	41.942	ng	99
50) 2,6-Dinitrotoluene	9.80	165	194882	47.622	ng	91
51) Acenaphthene	10.05	154	663225	39.196	ng	99
52) 3-Nitroaniline	9.97	138	235008	47.892	ng	98
53) 2,4-Dinitrophenol	10.07	184	17079	28.565	ng	# 25
54) Dibenzofuran	10.22	168	972437	40.240	ng	99
55) 4-Nitrophenol	10.12	139	157938	43.188	ng	93
56) 2,4-Dinitrotoluene	10.20	165	253141	48.690	ng	# 85
57) Fluorene	10.57	166	740353	39.481	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	180255	44.514	ng	95
59) Diethylphthalate	10.43	149	867810	41.302	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	353525	41.251	ng	94
61) 4-Nitroaniline	10.59	138	220117	46.708	ng	94
62) Azobenzene	10.72	77	797050	37.312	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	43204	32.550	ng	81
65) n-Nitrosodiphenylamine	10.67	169	679314	45.073	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	209793	46.147	ng	96
67) Hexachlorobenzene	11.12	284	221278	42.645	ng	94
68) Atrazine	11.20	200	210253	45.097	ng	99
69) Pentachlorophenol	11.31	266	117425	39.363	ng	97
70) Phenanthrene	11.53	178	961855	39.711	ng	99
71) Anthracene	11.59	178	967884	39.344	ng	100
72) Carbazole	11.74	167	919512	38.456	ng	99
73) Di-n-butylphthalate	12.06	149	1240919	43.253	ng	100
74) Fluoranthene	12.73	202	869816	34.858	ng	99
76) Benzidine	12.84	184	523471	40.960	ng	100
77) Pyrene	12.96	202	882724	40.114	ng	100
79) Butylbenzylphthalate	13.56	149	445172	45.660	ng	97
80) Benzo(a)anthracene	14.15	228	758858	40.009	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	280666	44.238	ng	97
82) Chrysene	14.19	228	749538	41.455	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	627189	45.030	ng	99
84) Di-n-octyl phthalate	14.74	149	979758	48.352	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	554337	35.107	ng	98
87) Benzo(b)fluoranthene	15.24	252	714707	41.934	ng	98
88) Benzo(k)fluoranthene	15.27	252	657472	40.130	ng	99
89) Benzo(a)pyrene	15.63	252	625634	40.471	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	467492	34.924	ng	98
91) Benzo(g,h,i)perylene	17.76	276	437977	33.633	ng	98

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

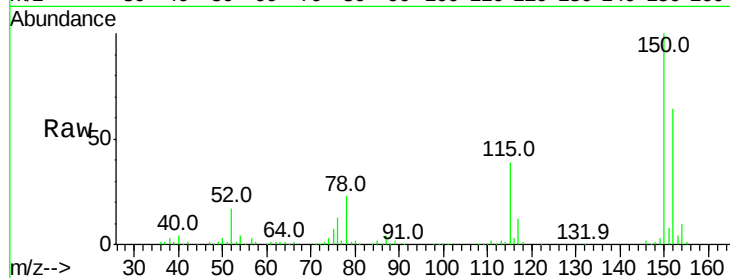


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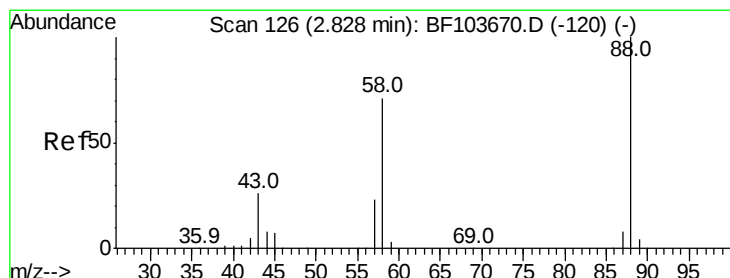
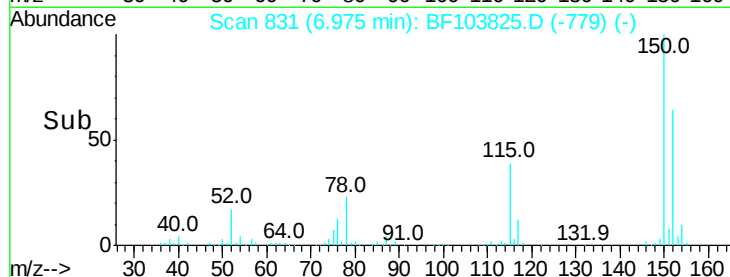
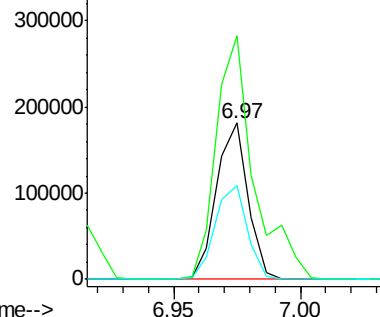
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156238
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.2 50.1 75.1



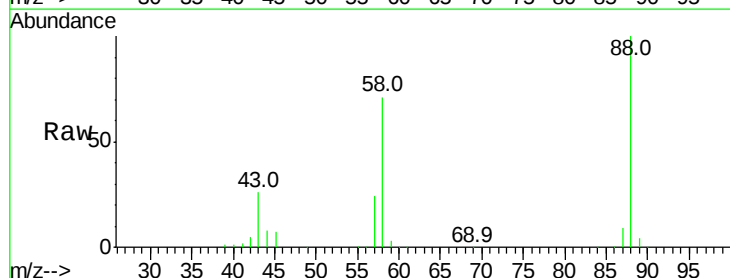
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



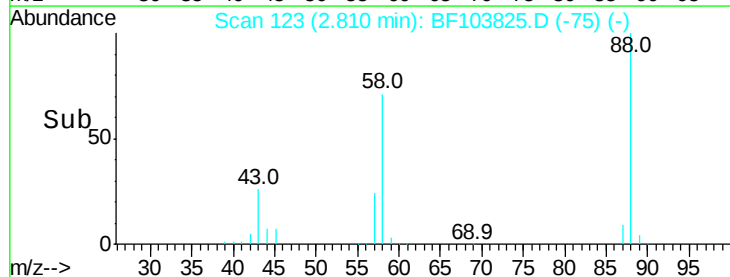
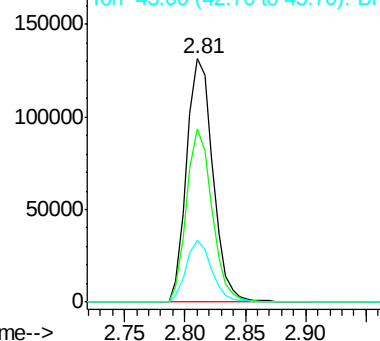
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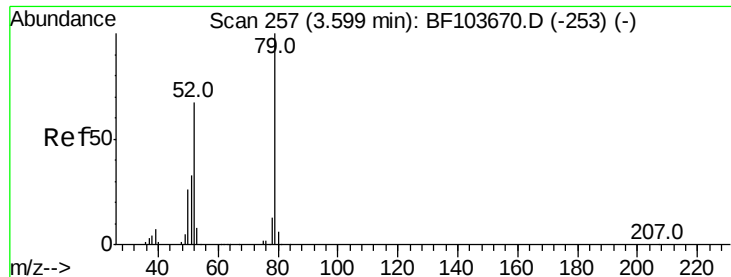
1,4-Dioxane
Concen: 38.961 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.02 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion: 88 Resp: 197064
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 24.9 24.6 37.0



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





#3

Pvridine

Concen: 38.823 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

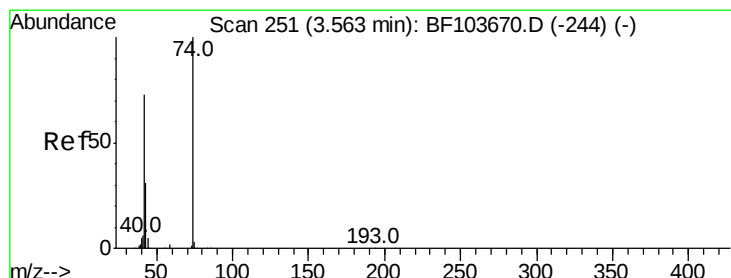
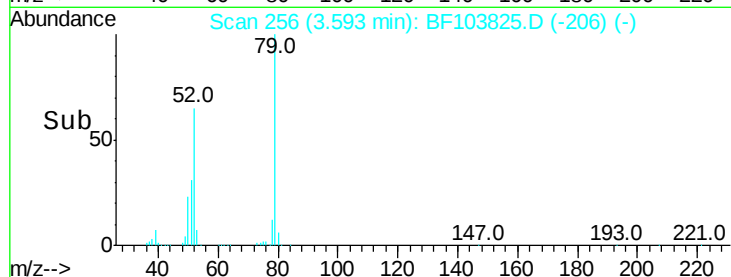
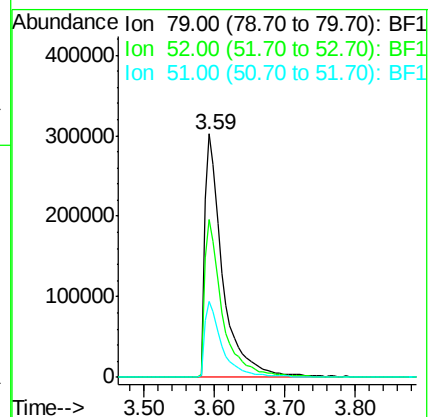
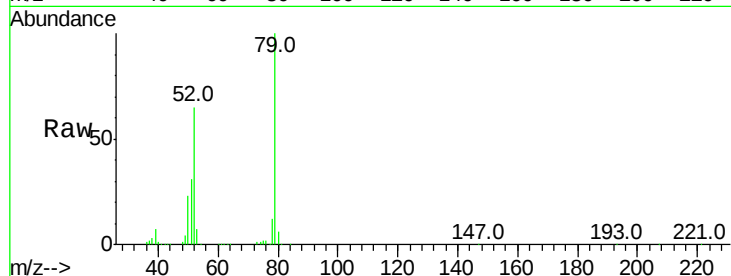
Tot Ion: 79 Resp: 540112

Ion Ratio Lower Upper

79 100

52 65.0 59.8 89.6

51 31.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.664 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

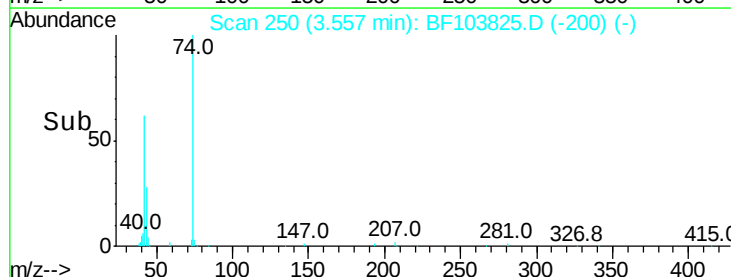
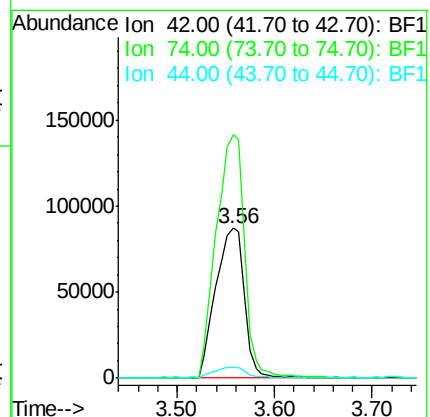
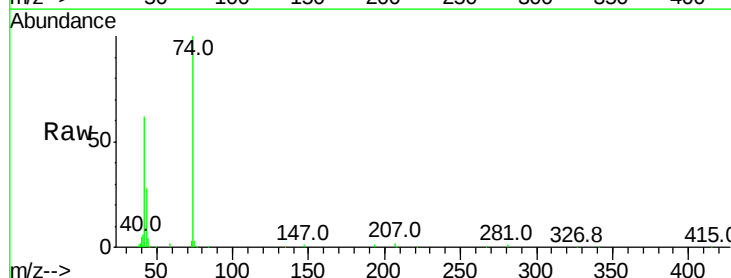
Tgt Ion: 42 Resp: 177811

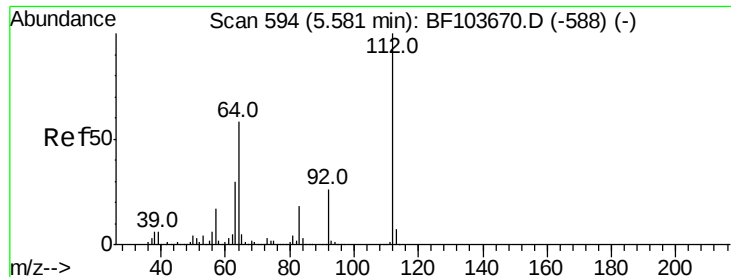
Ion Ratio Lower Upper

42 100

74 162.2 104.9 157.3#

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 80.816 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampled :

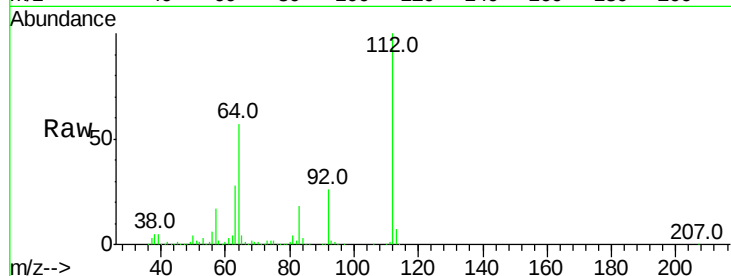
Tot Ion:112 Resp: 830154

Ion Ratio Lower Upper

112 100

64 57.0 47.9 71.9

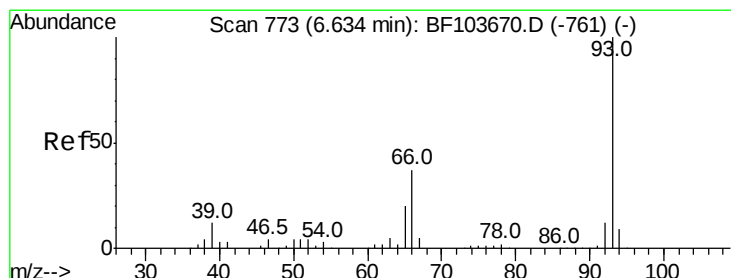
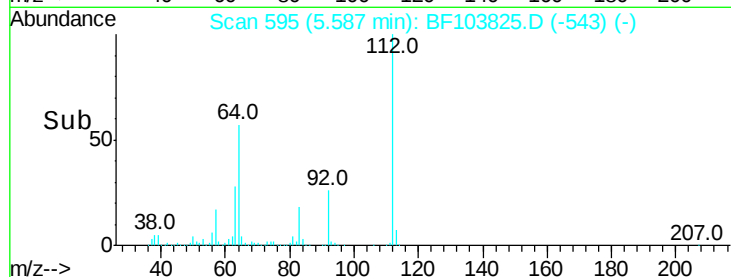
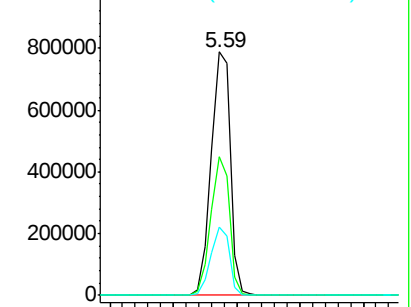
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.798 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

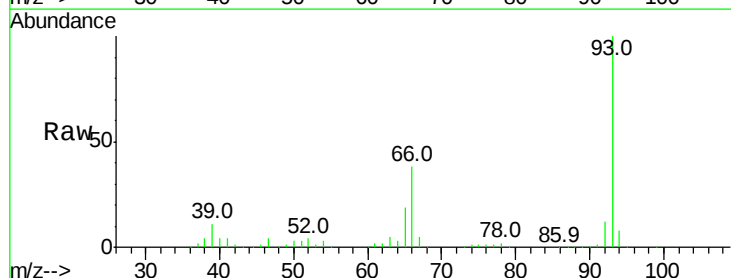
Tgt Ion: 93 Resp: 696227

Ion Ratio Lower Upper

93 100

66 37.9 32.2 48.2

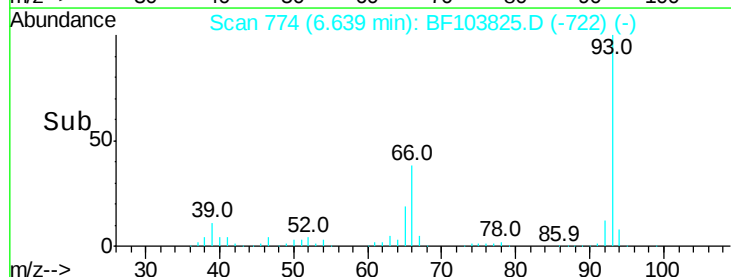
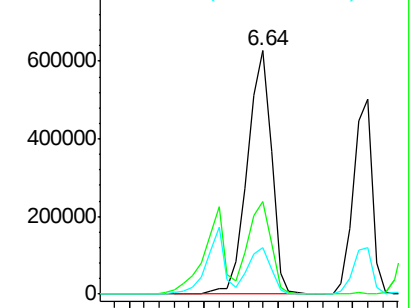
65 19.1 16.4 24.6

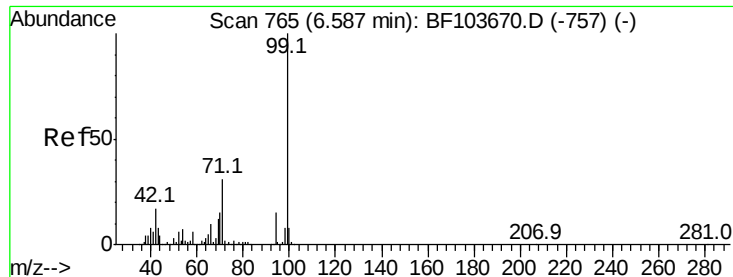


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.212 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

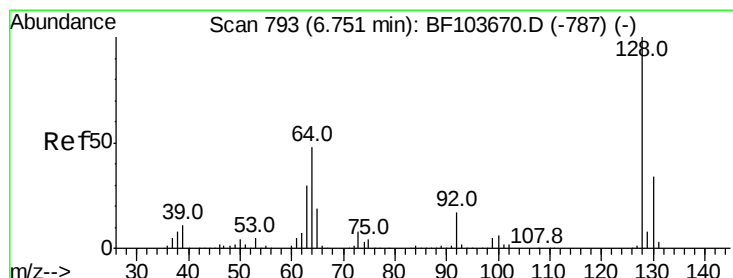
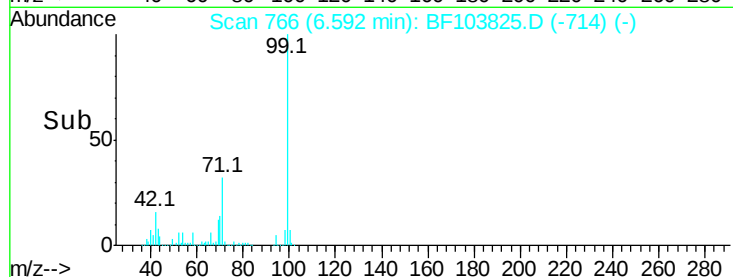
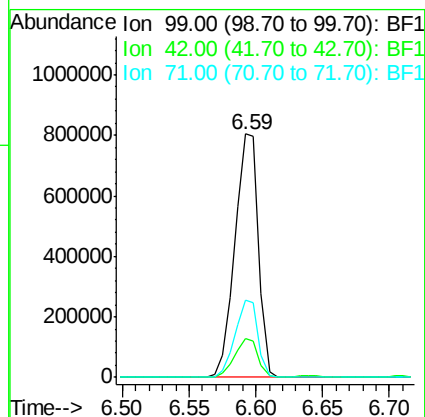
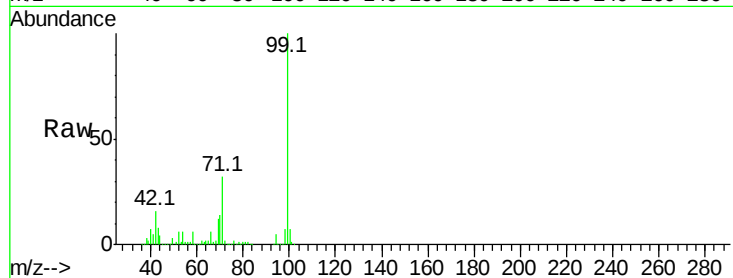
Tot Ion: 99 Resp: 995477

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 31.7 25.4 38.0



#8

2-Chlorophenol

Concen: 41.388 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

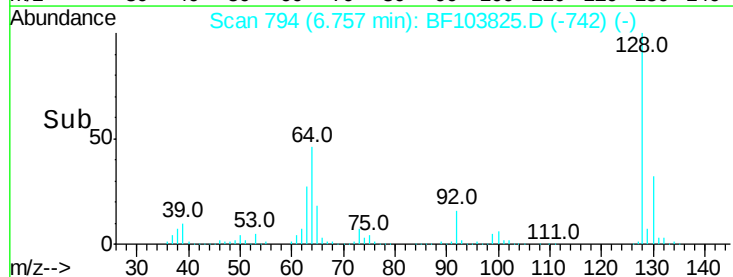
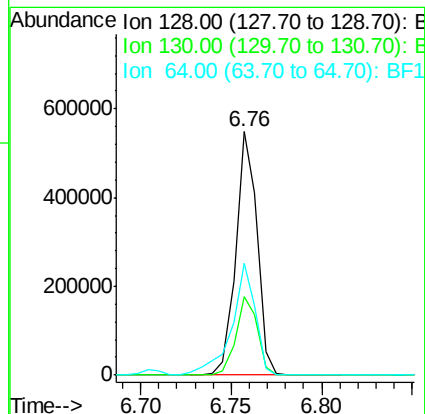
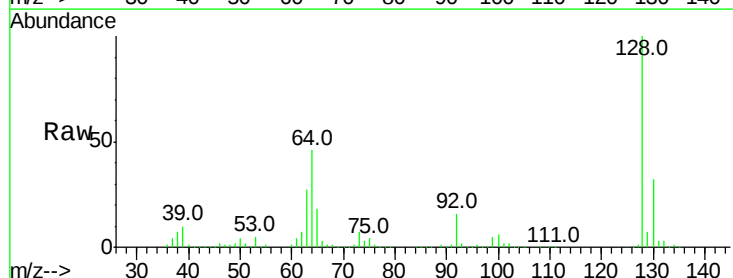
Tgt Ion: 128 Resp: 445360

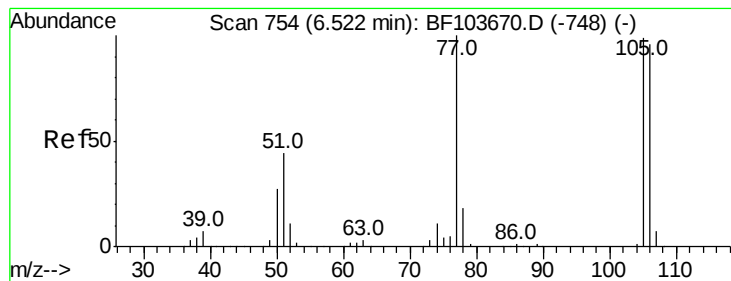
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 45.7 29.4 69.4





#9

Benzaldehyde

Concen: 38.020 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

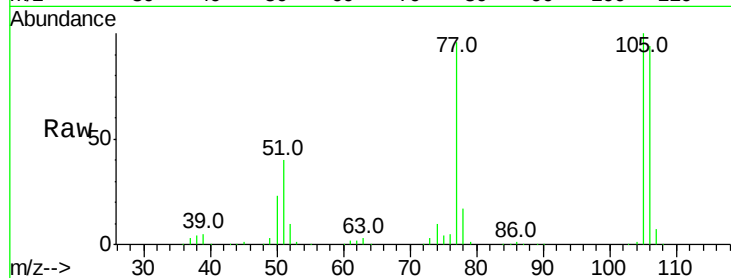
Tot Ion: 77 Resp: 313899

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

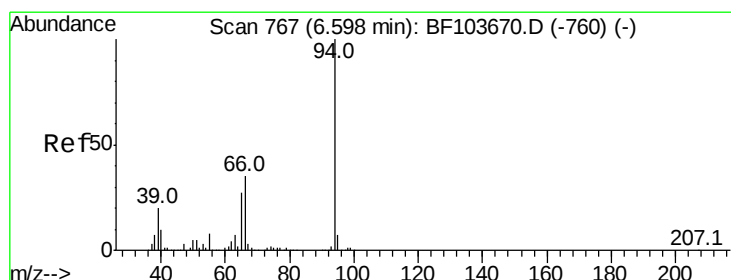
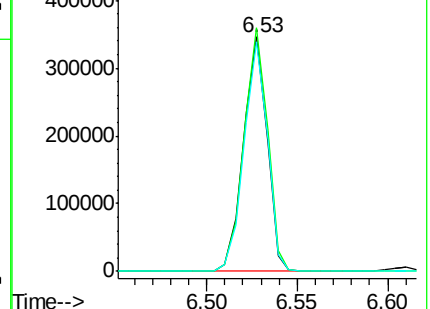
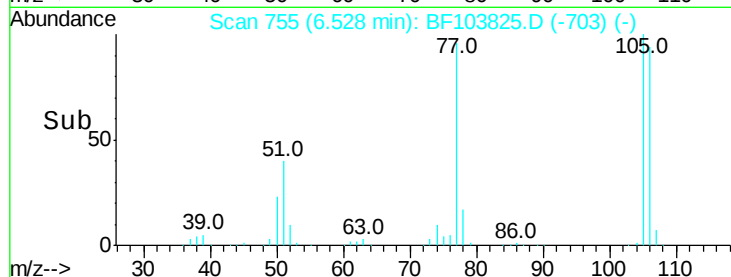
106 97.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.136 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

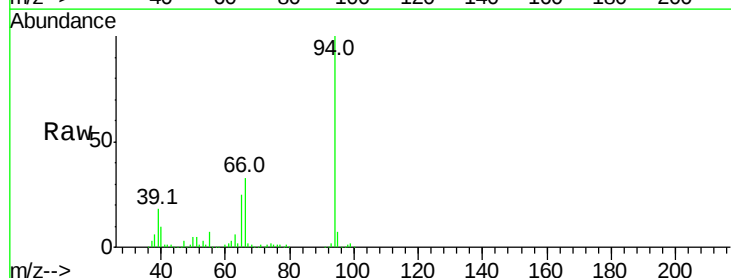
Tgt Ion: 94 Resp: 522627

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

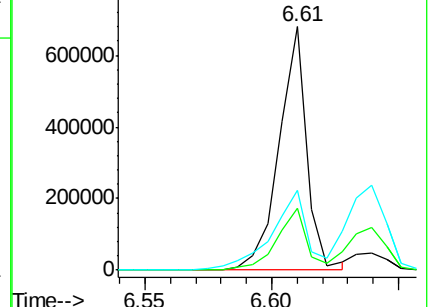
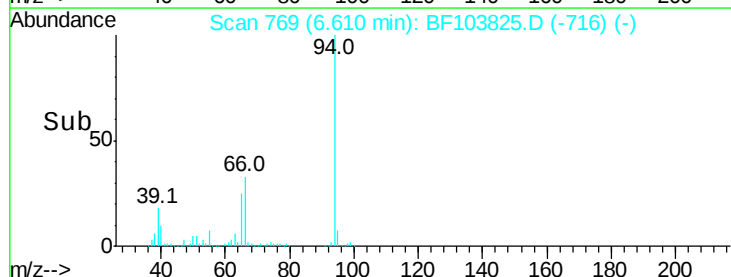
66 33.0 16.2 56.2

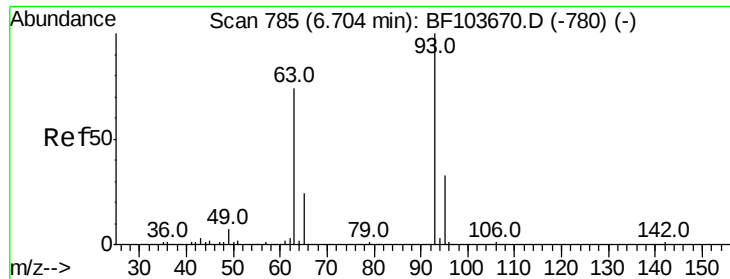


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.285 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

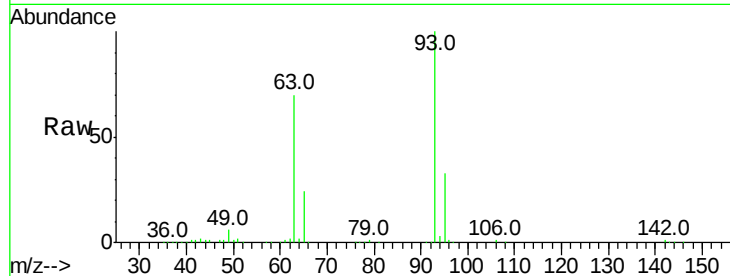
Tot Ion: 93 Resp: 433084

Ion Ratio Lower Upper

93 100

63 70.1 58.6 98.6

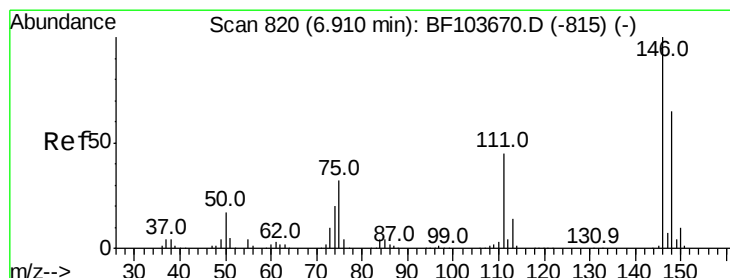
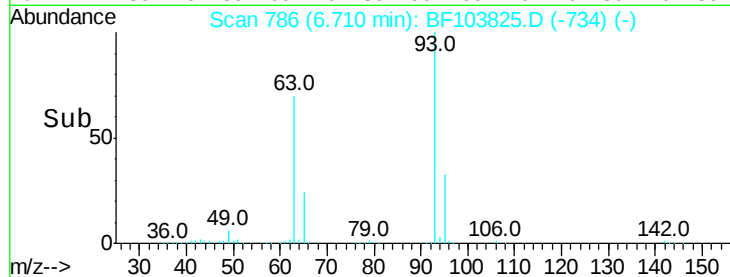
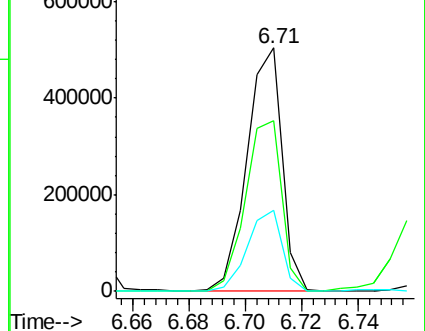
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.777 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

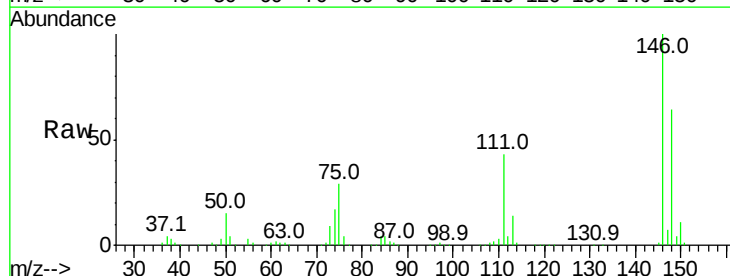
Tgt Ion: 146 Resp: 487500

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

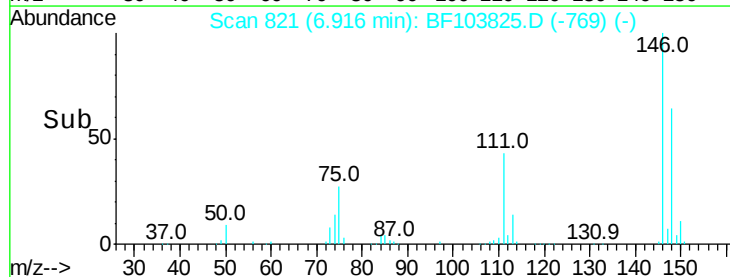
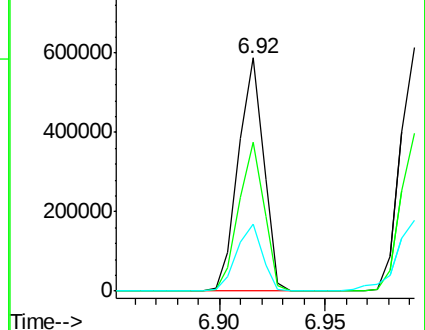
75 28.5 24.2 36.4

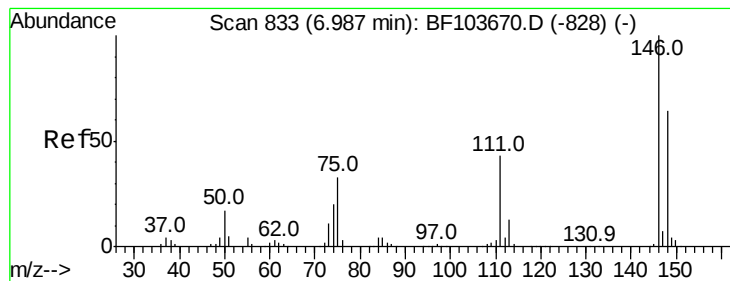


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.470 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

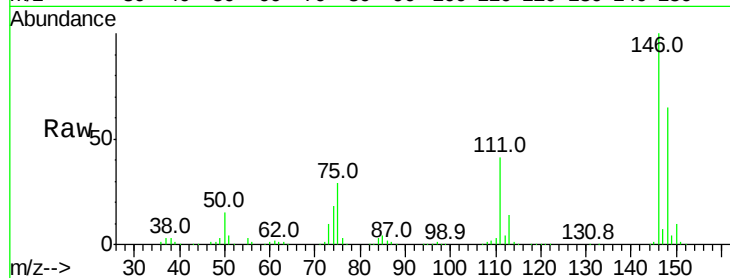
Tot Ion:146 Resp: 486090

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

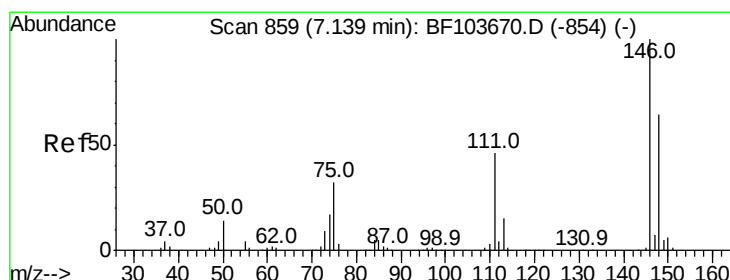
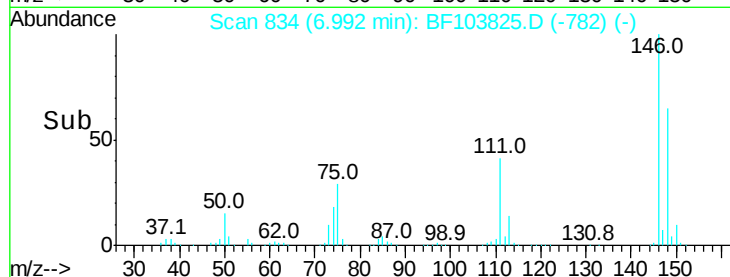
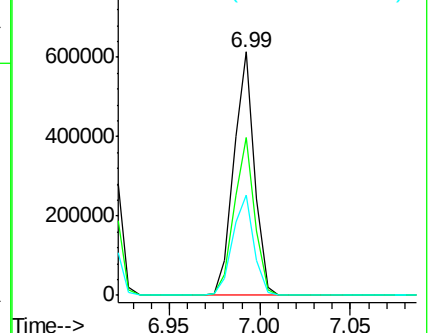
111 41.2 34.2 51.2



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: 38.044 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

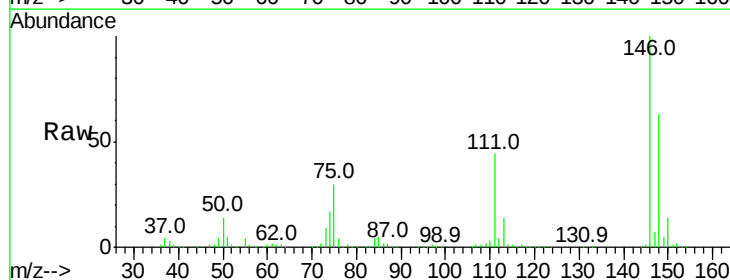
Tgt Ion:146 Resp: 434762

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

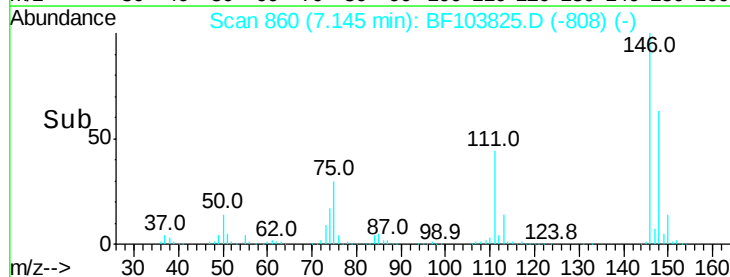
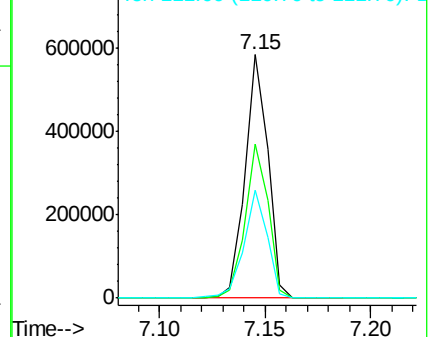
111 44.5 36.0 54.0

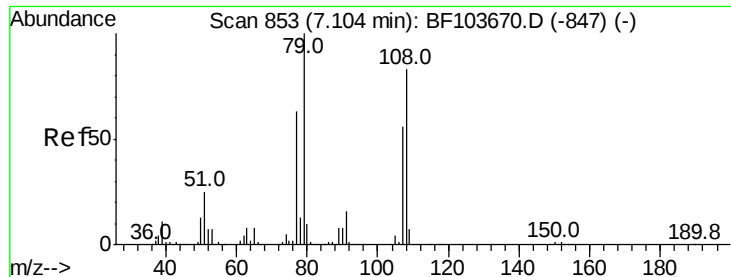


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.447 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

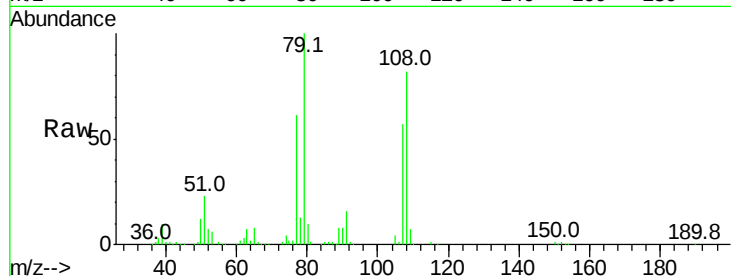
Tot Ion: 79 Resp: 354889

Ion Ratio Lower Upper

79 100

108 82.2 65.1 97.7

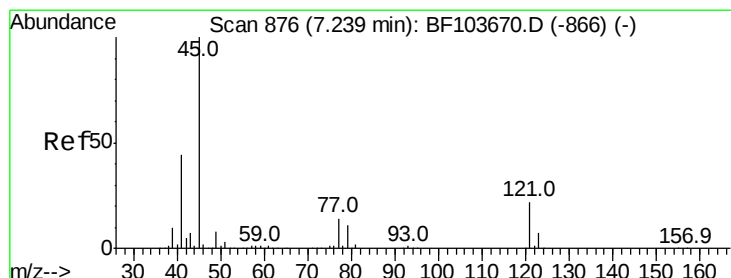
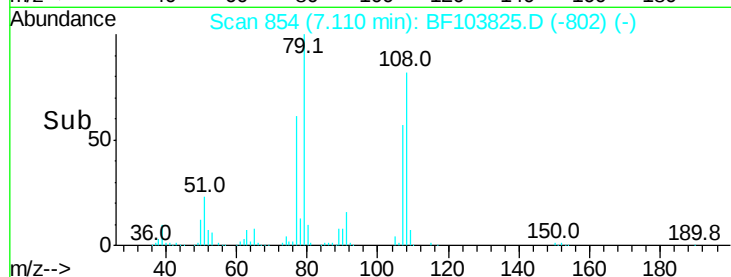
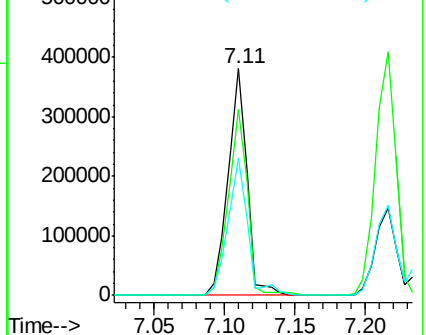
77 60.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.860 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

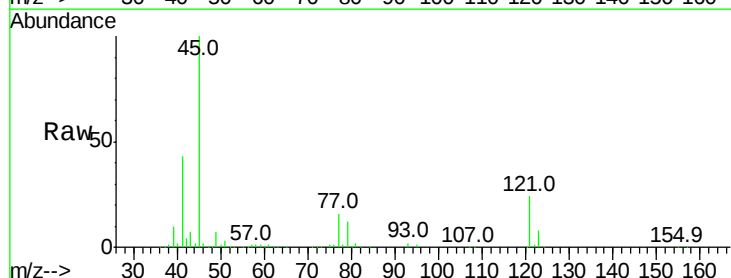
Tgt Ion: 45 Resp: 530906

Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

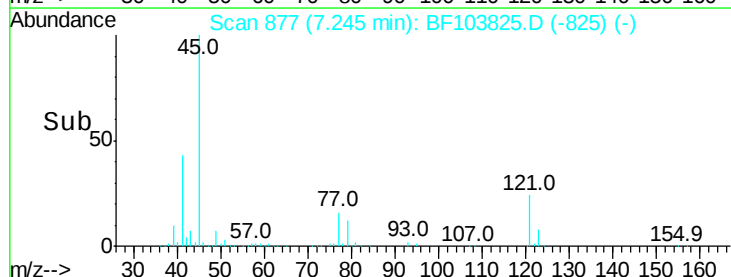
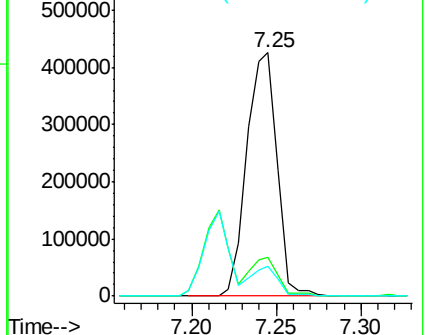
79 12.2 0.0 29.6

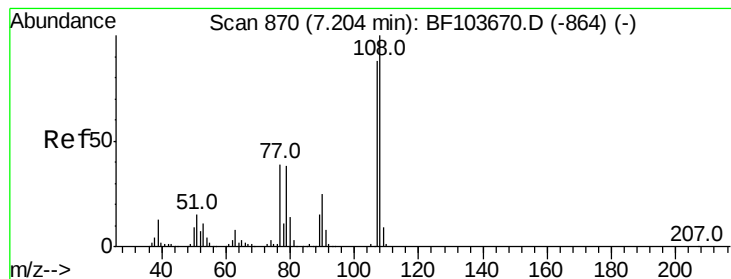


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

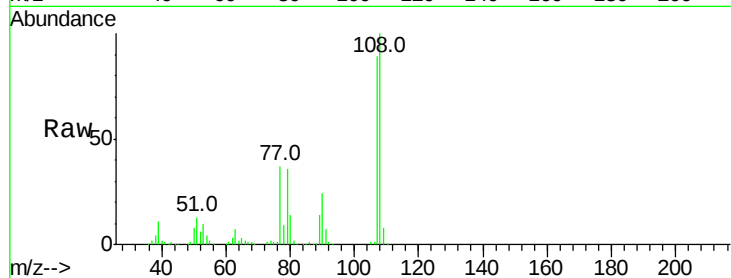




#17
2-Methylphenol
Concen: 37.993 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	41.8	33.8	50.8
79	40.6	33.8	50.8



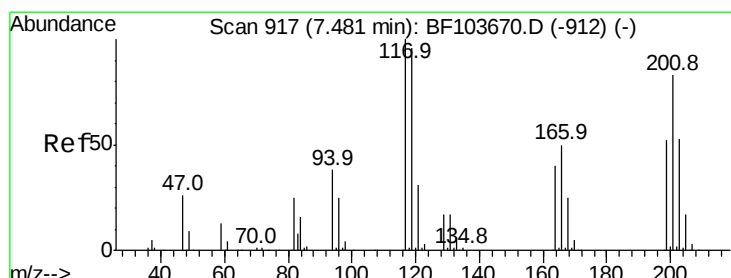
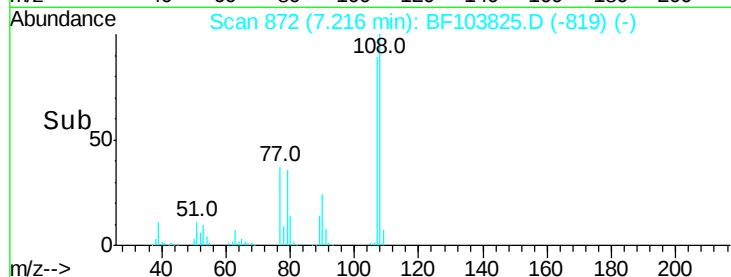
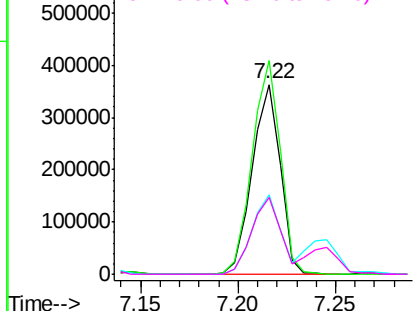
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

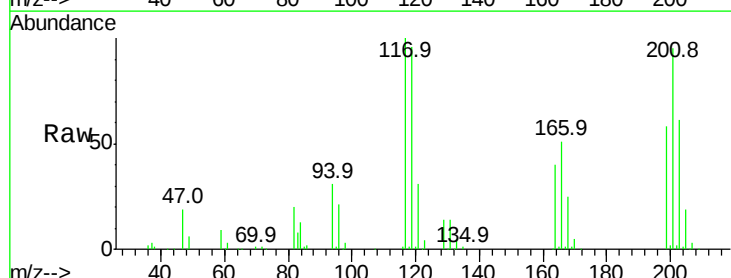
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.176 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	95.2	75.7	113.5

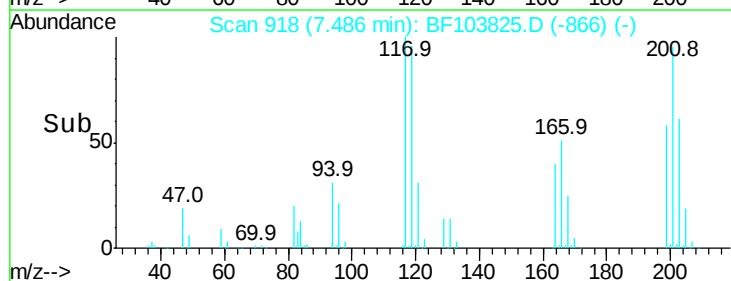
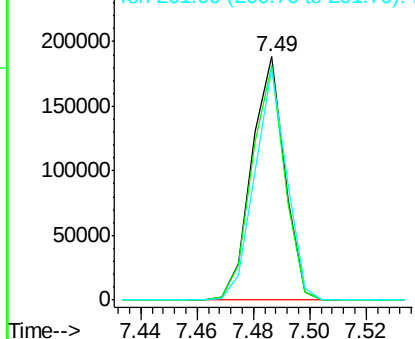


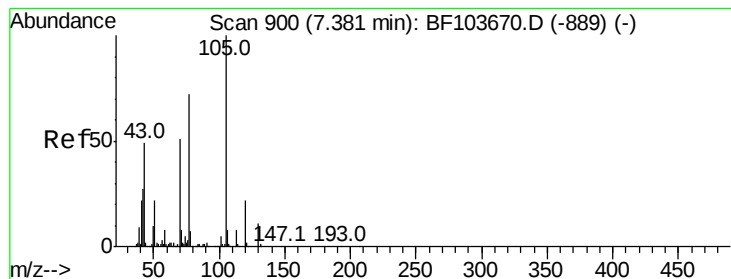
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.712 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 279570

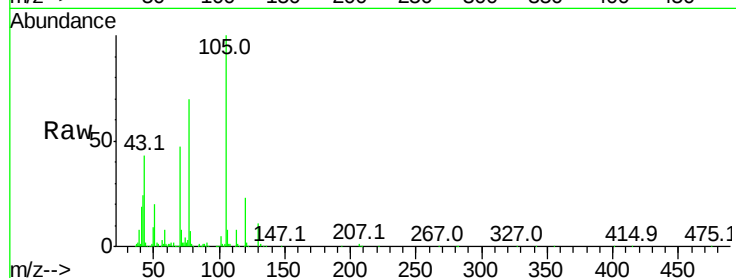
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 10.1 7.4 11.2

130 23.8 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF1

400000

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

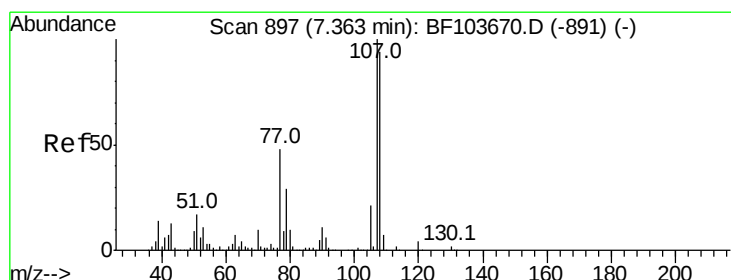
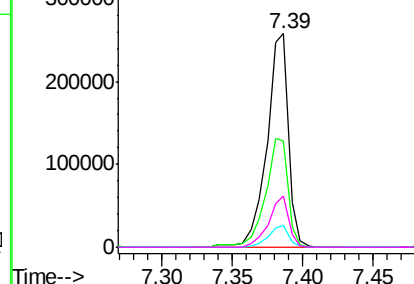
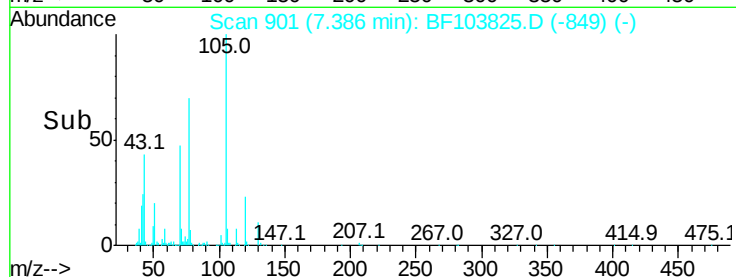
Ion 130.00 (129.70 to 130.70): BF1

300000

200000

100000

0



#20

3+4-Methylphenols

Concen: 37.129 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Tgt Ion:107 Resp: 451524

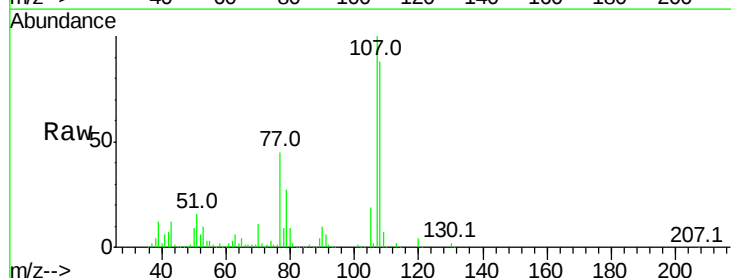
Ion Ratio Lower Upper

107 100

108 87.8 68.2 108.2

77 45.2 26.7 66.7

79 26.6 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1

600000

Ion 108.00 (107.70 to 108.70): BF1

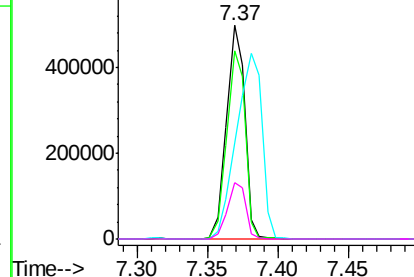
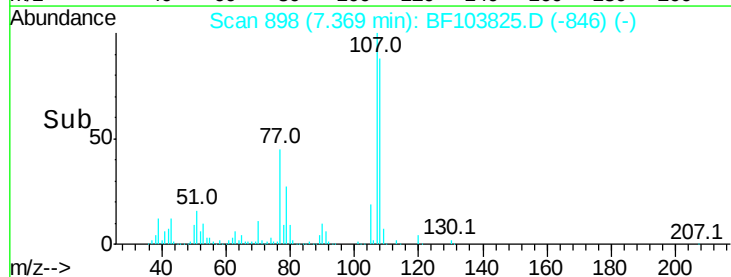
Ion 77.00 (76.70 to 77.70): BF1

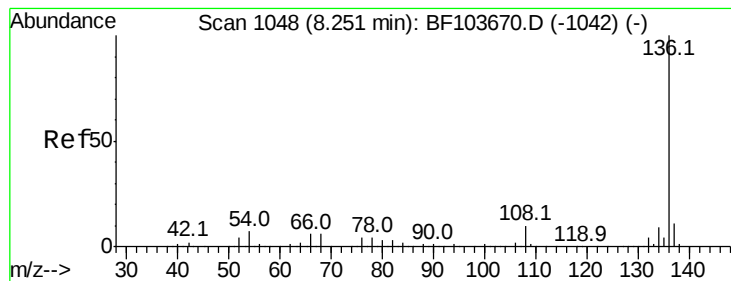
Ion 79.00 (78.70 to 79.70): BF1

400000

200000

0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 609724

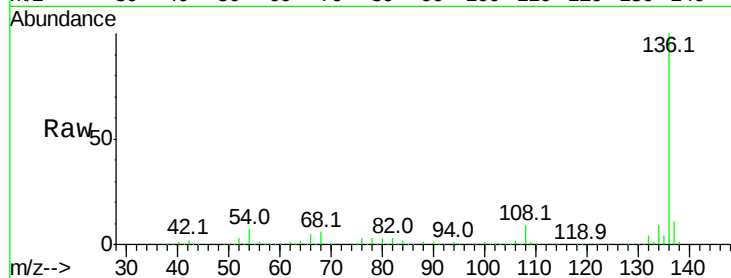
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 6.1 5.0 7.4

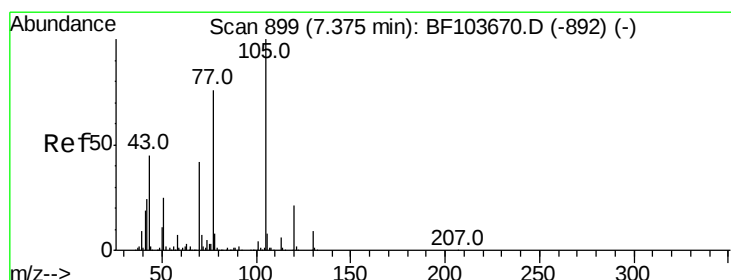
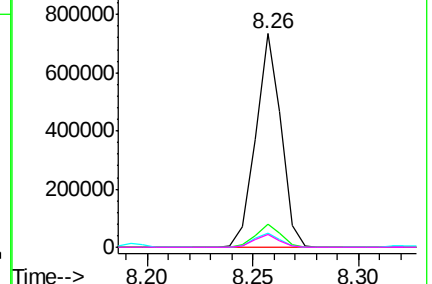
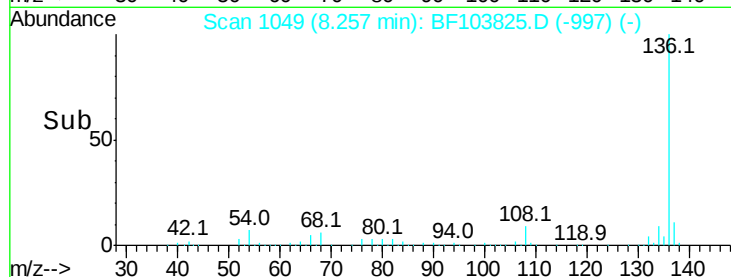


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.774 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Tgt Ion:105 Resp: 576256

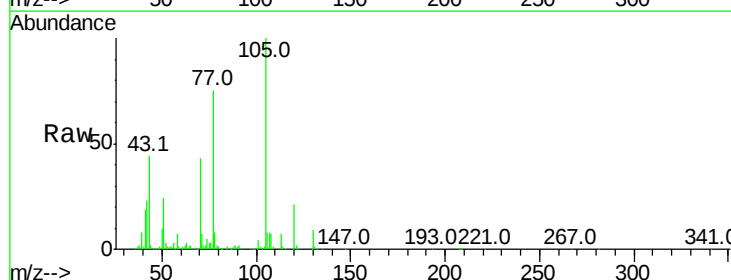
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 23.8 22.3 33.5

120 21.3 16.9 25.3

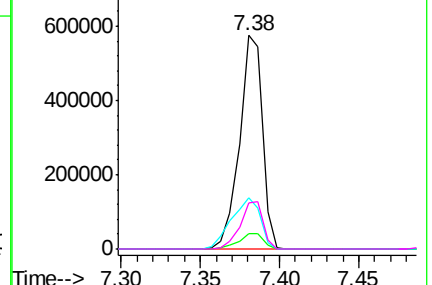
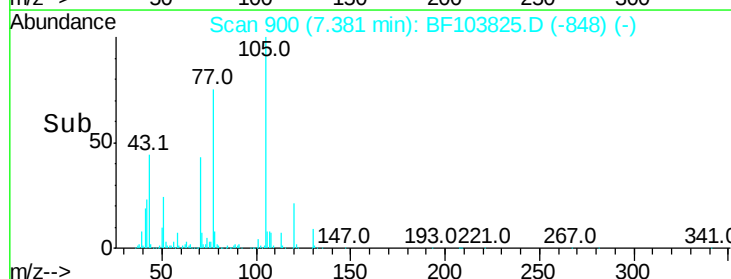


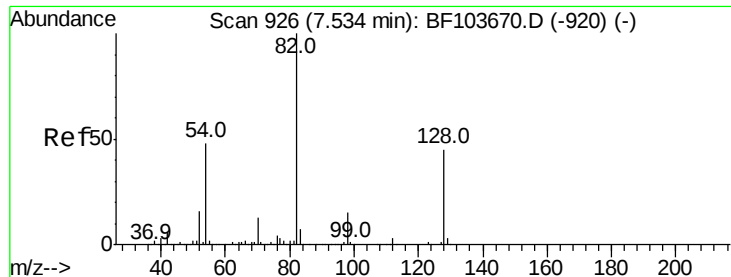
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

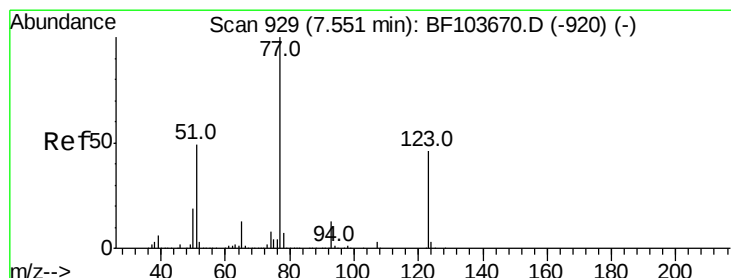
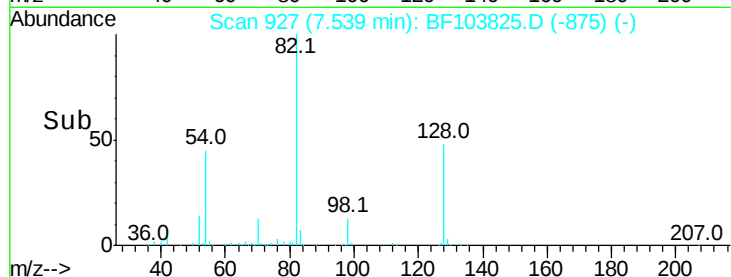
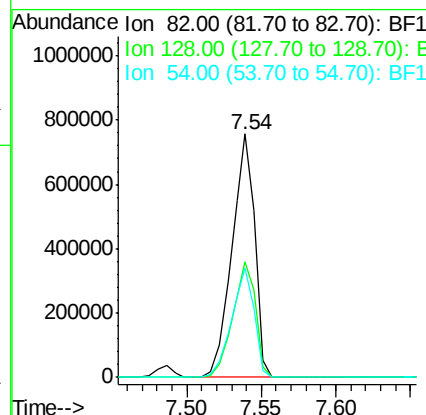
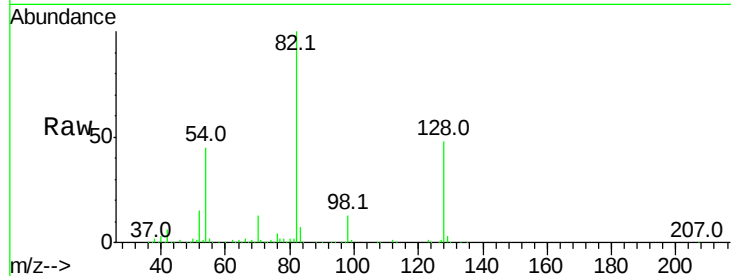




#23
Nitrobenzene-d5
Concen: 92.993 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

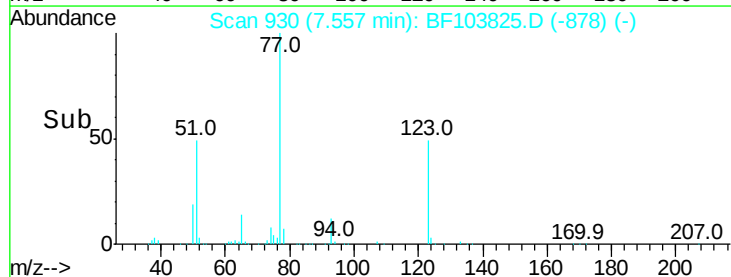
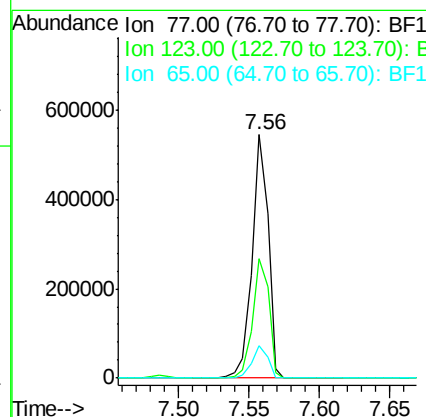
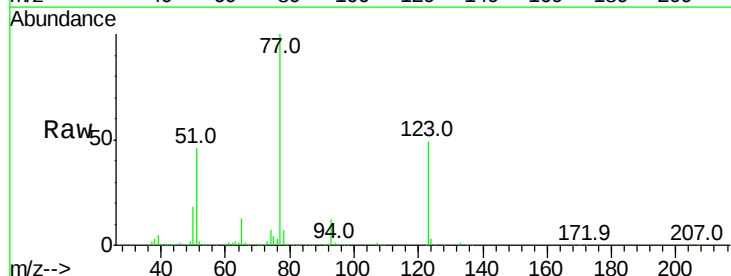
Instrument :
BNA_F
ClientSampleId :

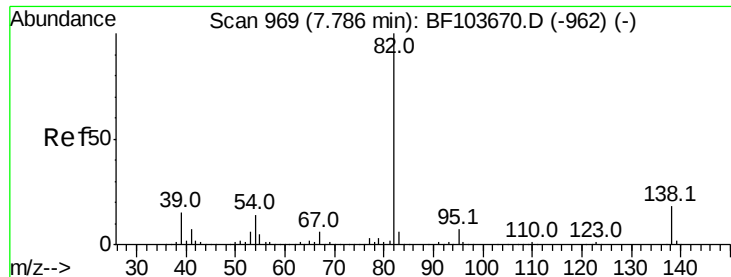
Tot Ion: 82 Resp: 813072
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 44.8 41.4 62.2



#24
Nitrobenzene
Concen: 42.242 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion: 77 Resp: 433604
Ion Ratio Lower Upper
77 100
123 49.1 37.9 56.9
65 13.1 11.0 16.4





#25

Isophorone

Concen: 36.535 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

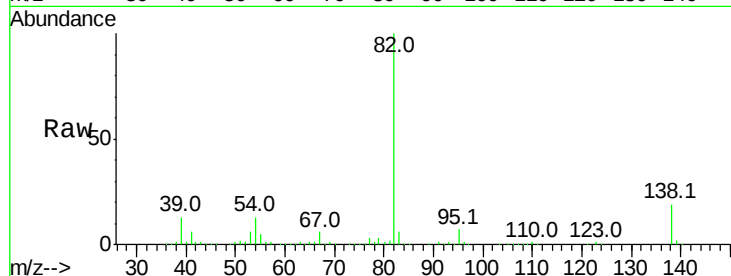
Tot Ion: 82 Resp: 739476

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

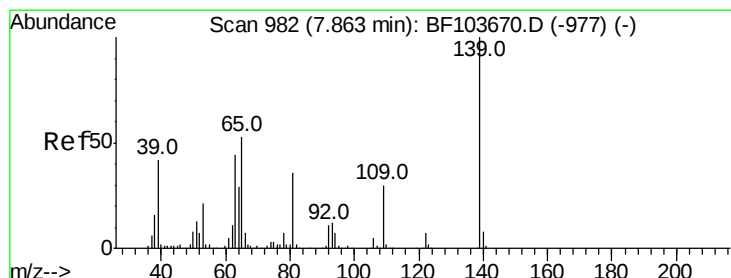
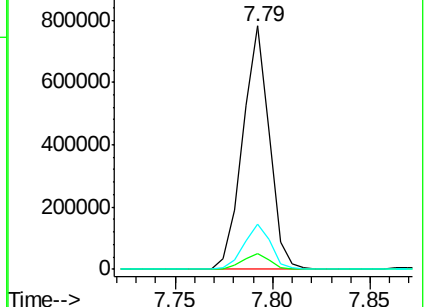
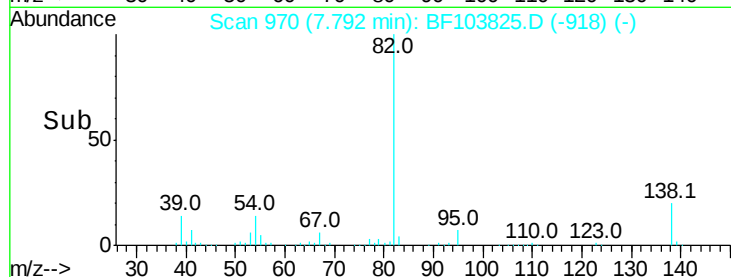
138 18.6 14.9 22.3



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: 54.292 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

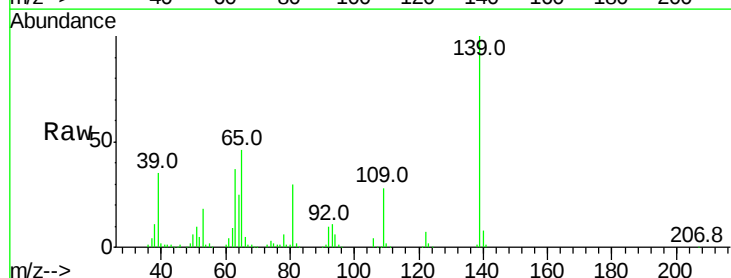
Tgt Ion: 139 Resp: 218049

Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

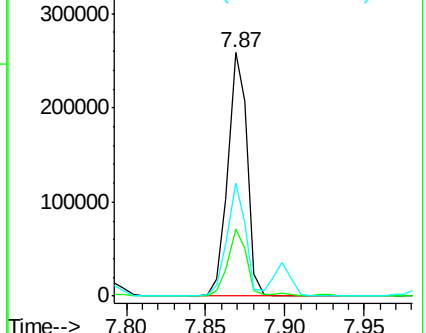
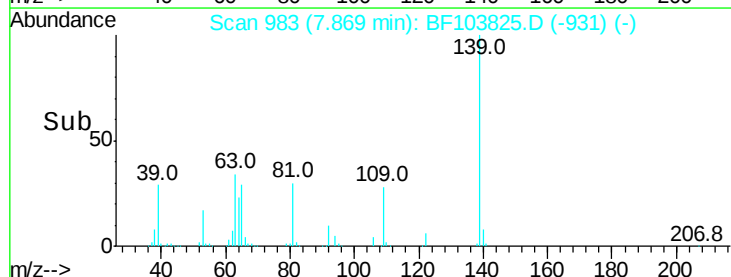
65 46.2 40.5 60.7

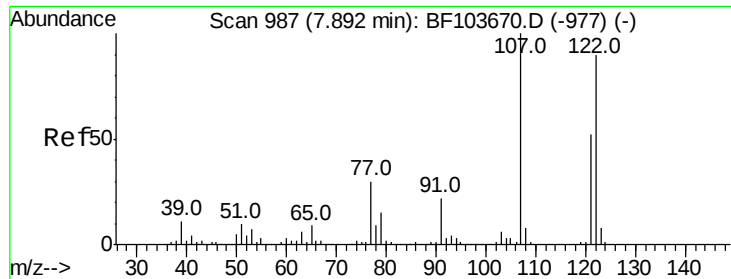


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

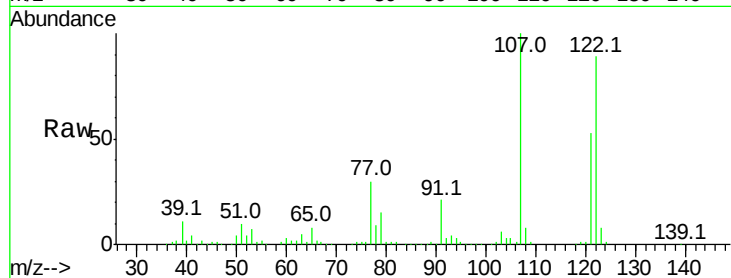




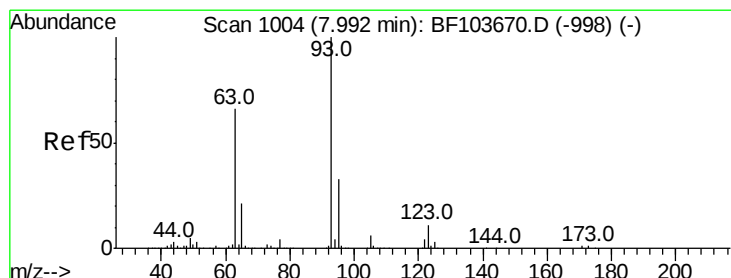
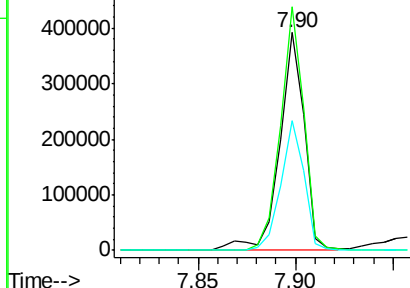
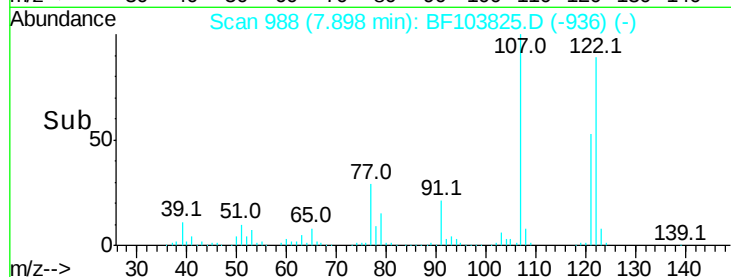
#27
2,4-Dimethylphenol
Concen: 39.318 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 340926
Ion Ratio Lower Upper
122 100
107 111.9 91.2 136.8
121 59.4 47.2 70.8

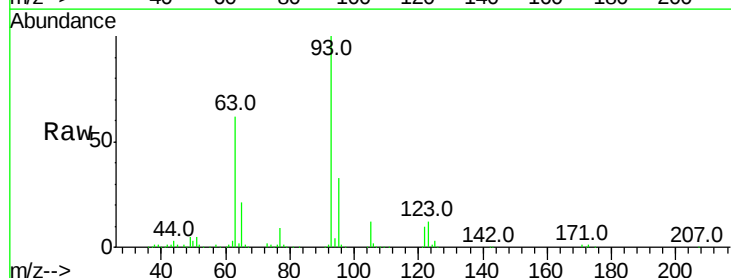


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

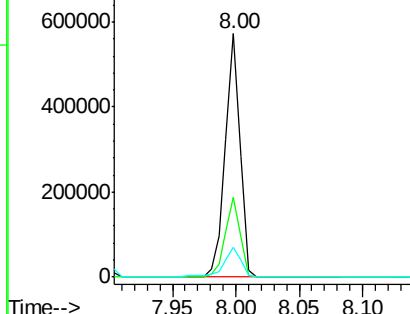
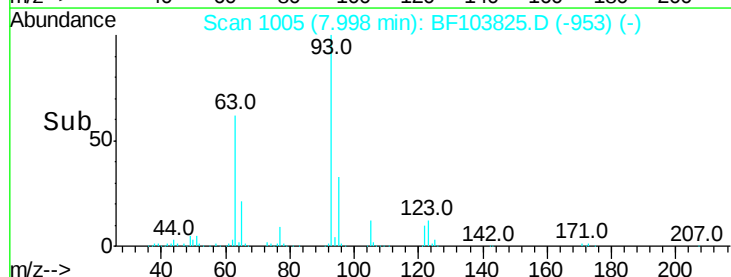


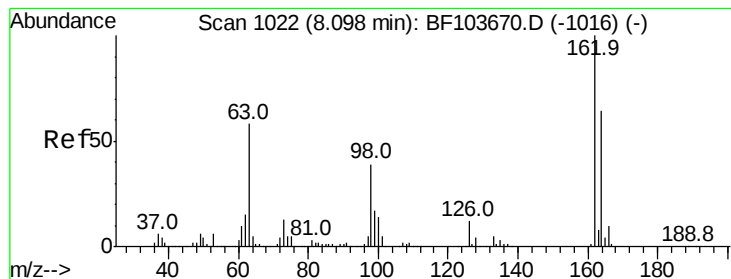
#28
bis(2-Chloroethoxy)methane
Concen: 38.022 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion: 93 Resp: 466010
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 12.1 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: 41.602 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

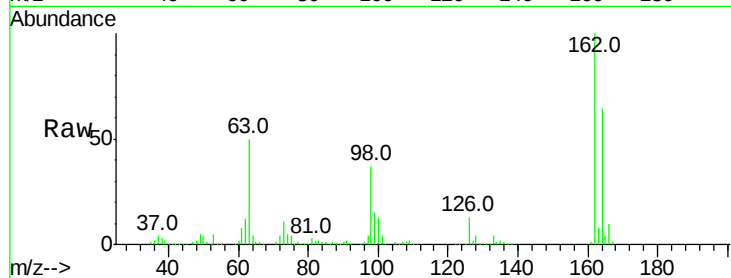
Tot Ion:162 Resp: 328189

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

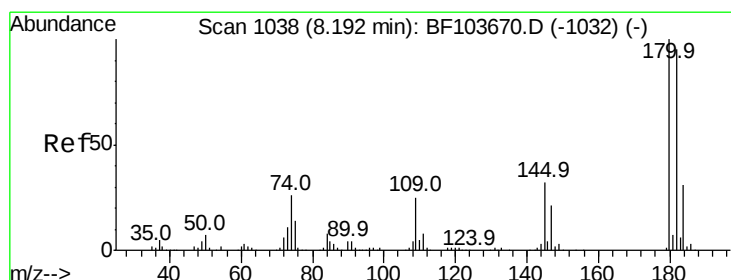
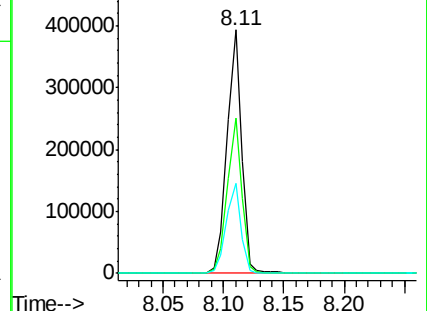
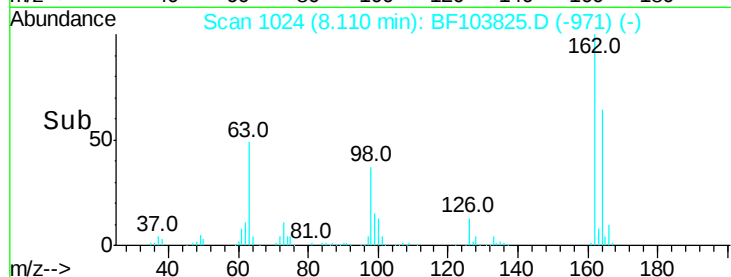
98 37.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.726 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

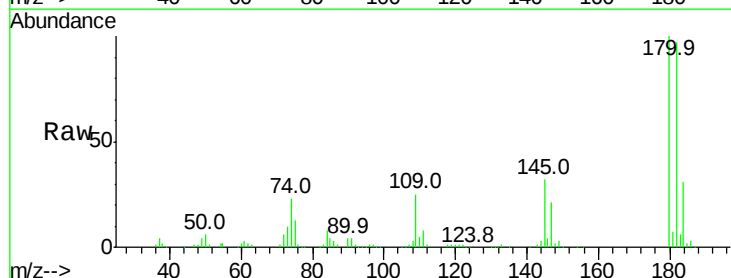
Tgt Ion:180 Resp: 363482

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

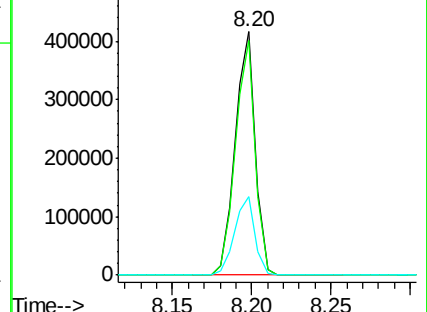
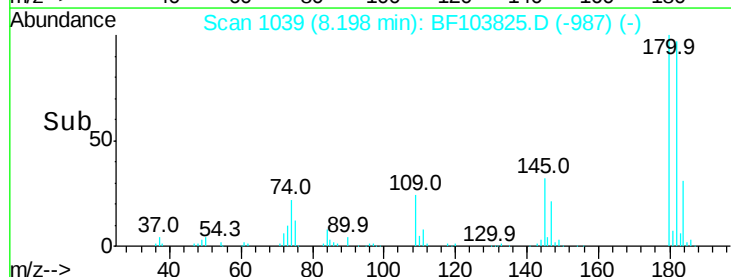
145 32.3 26.5 39.7

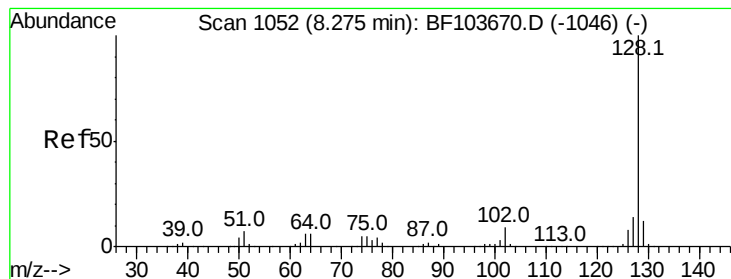


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.124 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

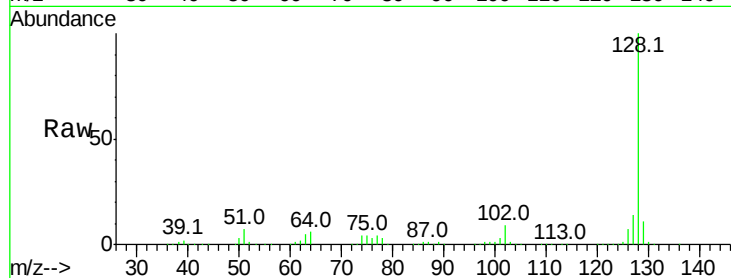
Tot Ion:128 Resp: 1174215

Ion Ratio Lower Upper

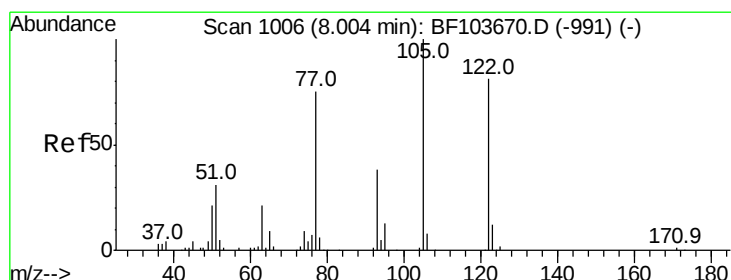
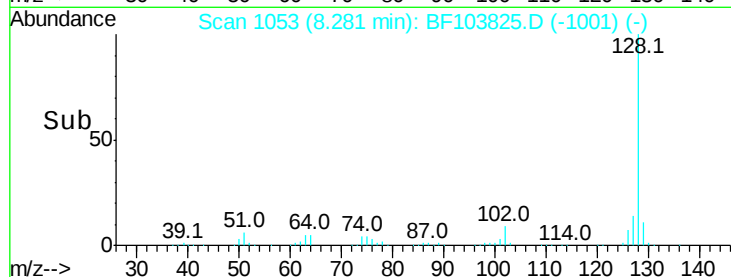
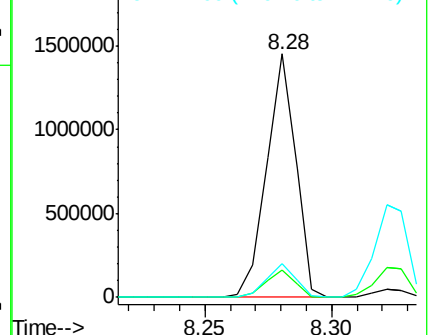
128 100

129 11.1 8.8 13.2

127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.618 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

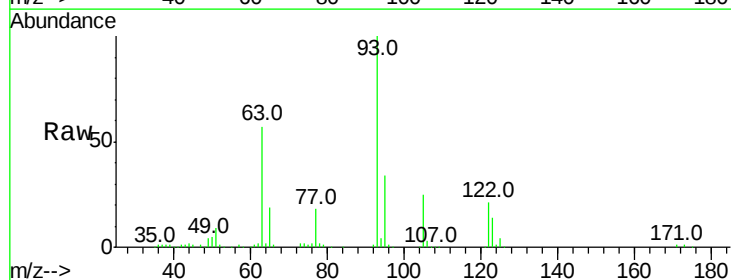
Tgt Ion:122 Resp: 167384

Ion Ratio Lower Upper

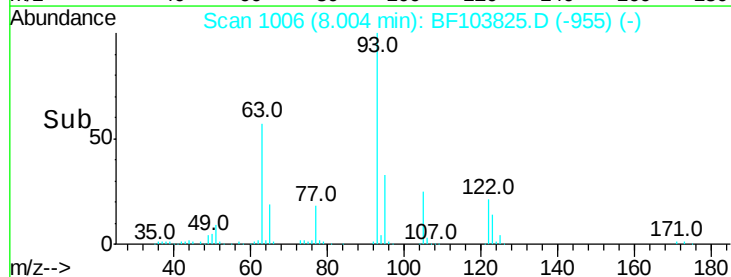
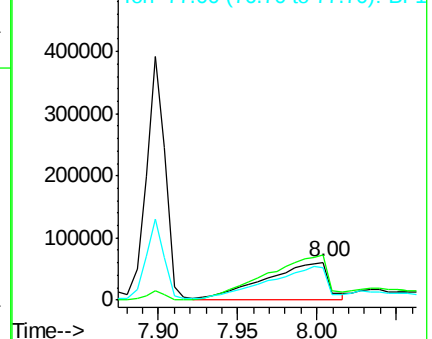
122 100

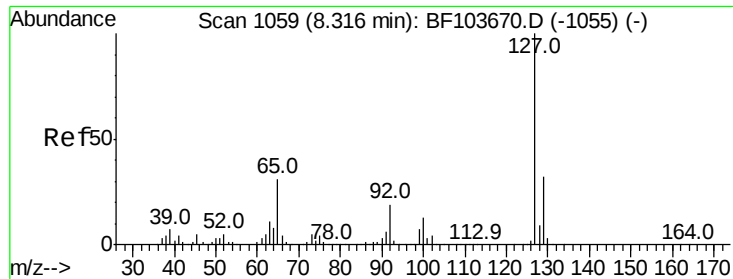
105 118.8 101.1 141.1

77 85.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

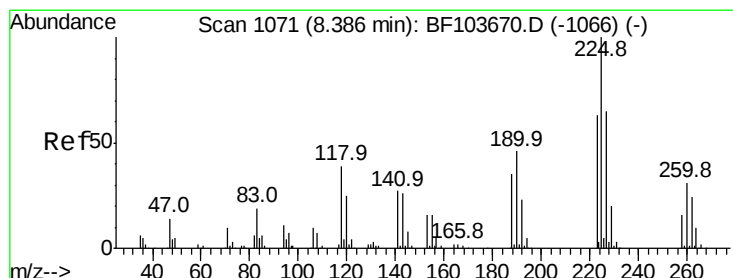
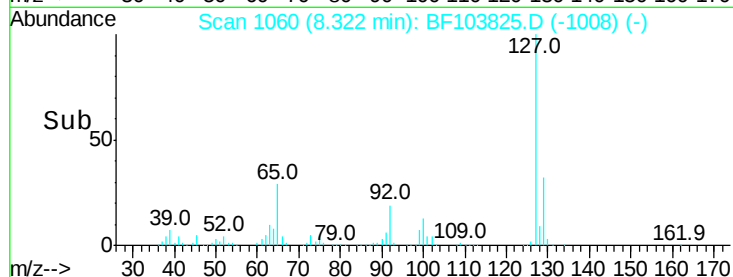
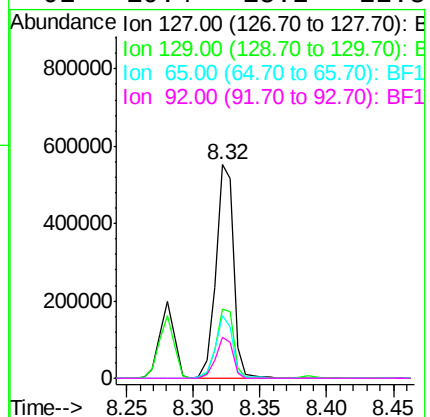
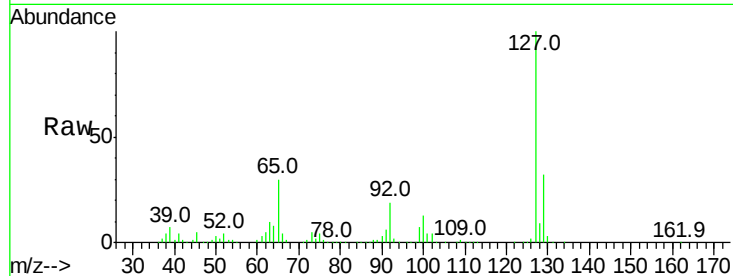




#33
4-Chloroaniline
Concen: 39.789 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

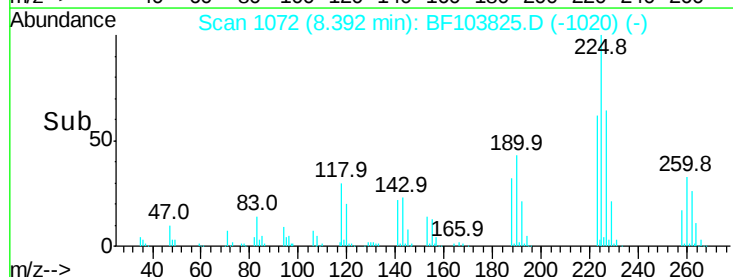
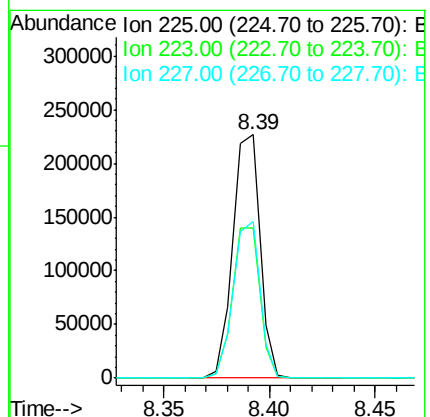
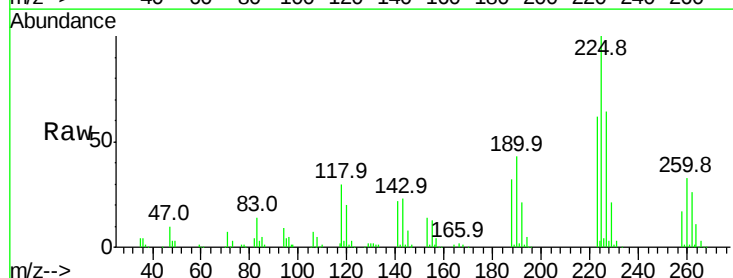
Instrument :
BNA_F
ClientSampleId :

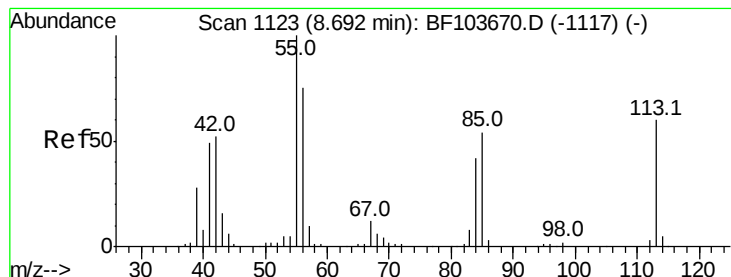
Tot Ion:	127	Resp:	514134
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.5	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.224 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:	225	Resp:	201785
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 41.775 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

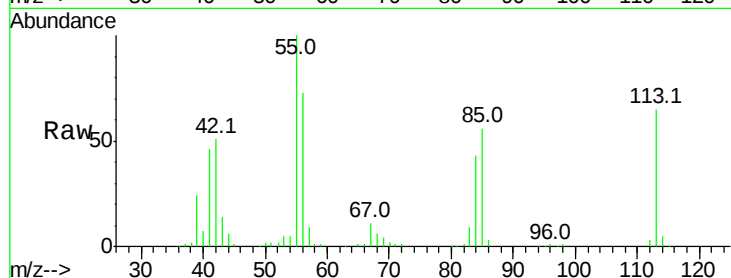
Tot Ion:113 Resp: 113479

Ion Ratio Lower Upper

113 100

55 152.9 163.3 203.3#

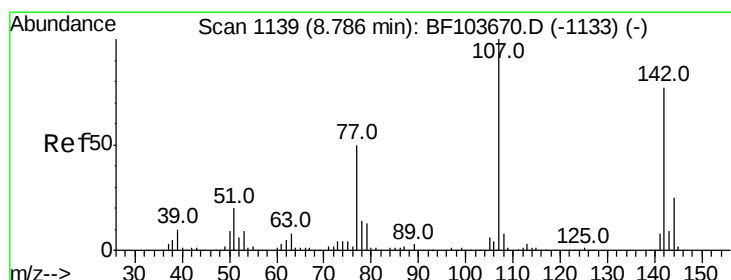
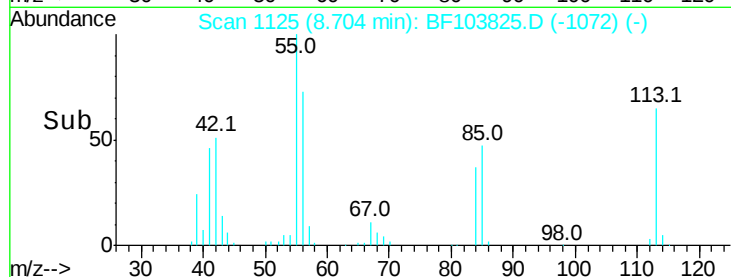
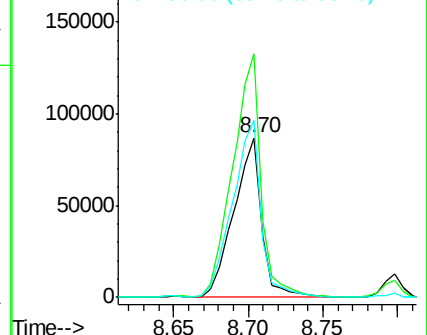
56 110.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.820 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

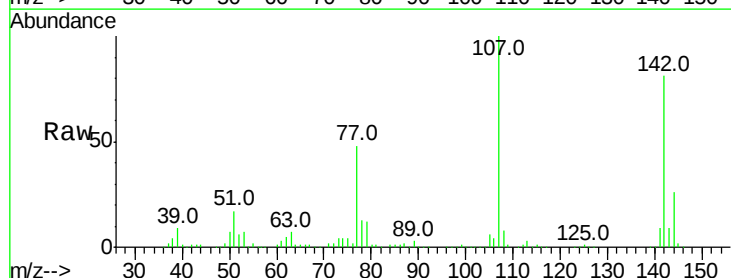
Tgt Ion:107 Resp: 363697

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

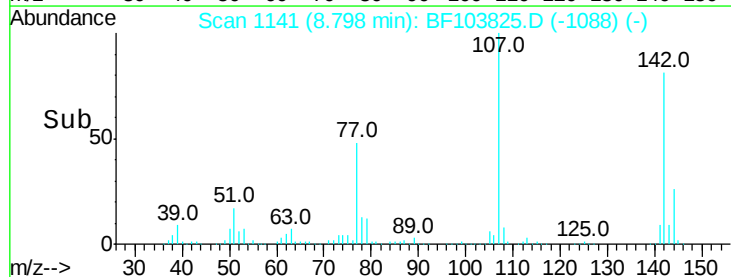
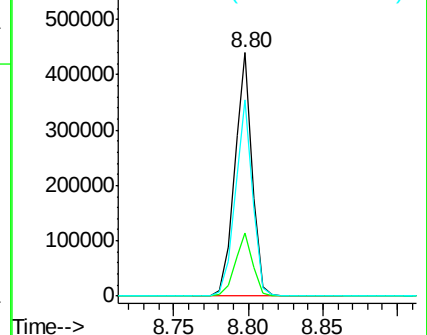
142 80.8 62.0 93.0

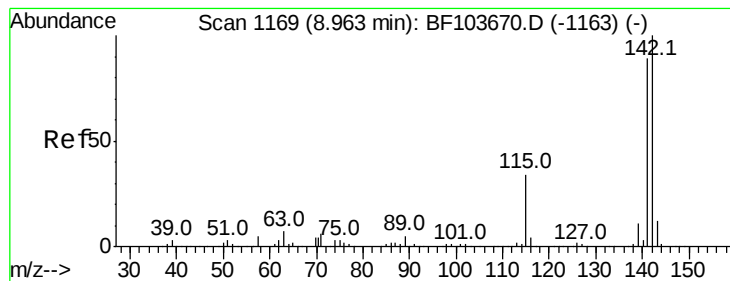


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.525 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

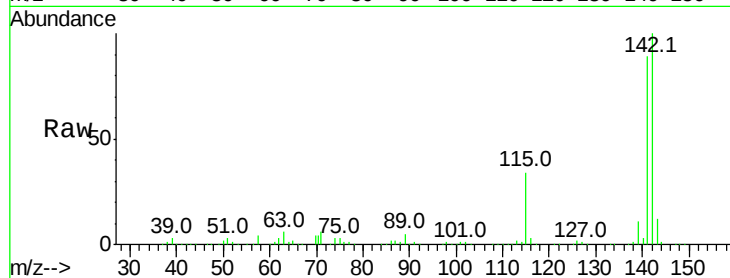
Tot Ion:142 Resp: 791541

Ion Ratio Lower Upper

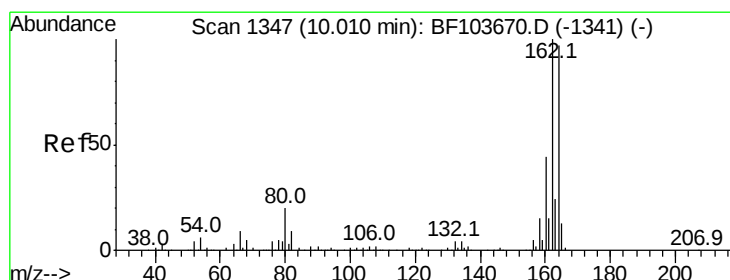
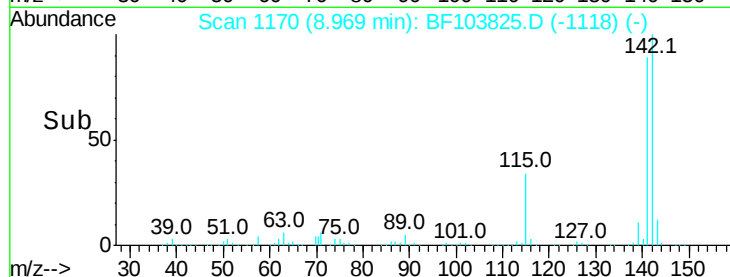
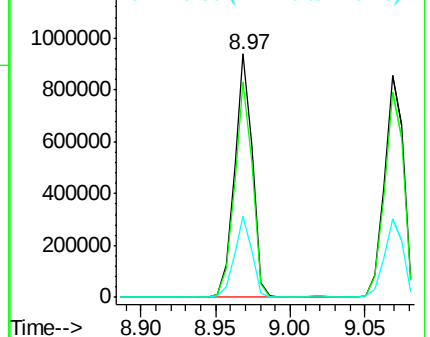
142 100

141 88.5 70.8 106.2

115 33.5 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: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

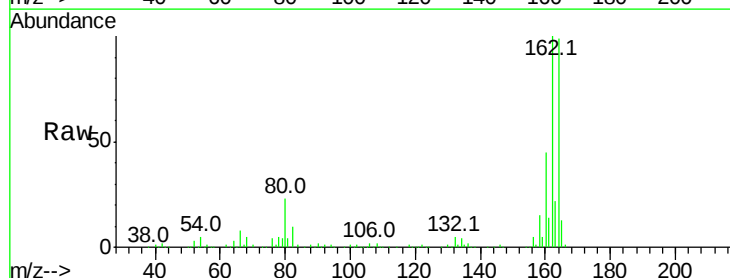
Tgt Ion:164 Resp: 277471

Ion Ratio Lower Upper

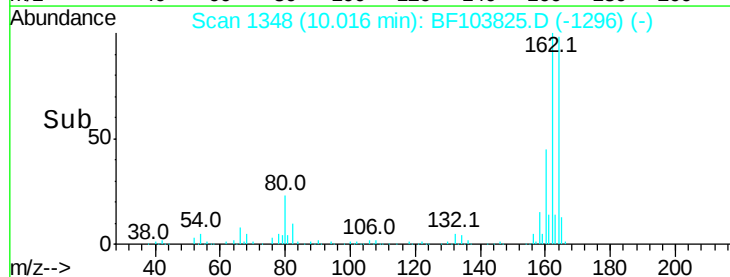
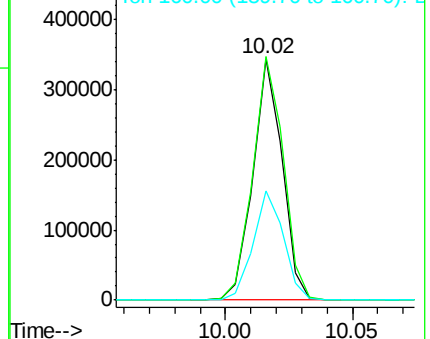
164 100

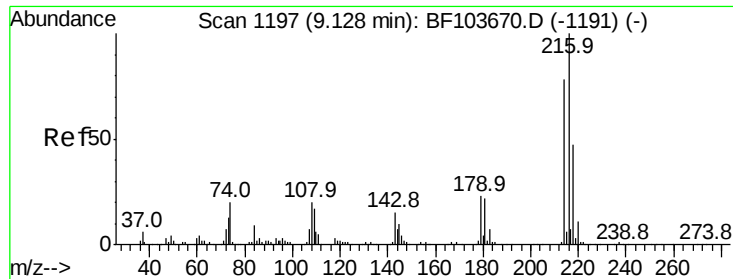
162 100.9 86.1 129.1

160 45.0 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

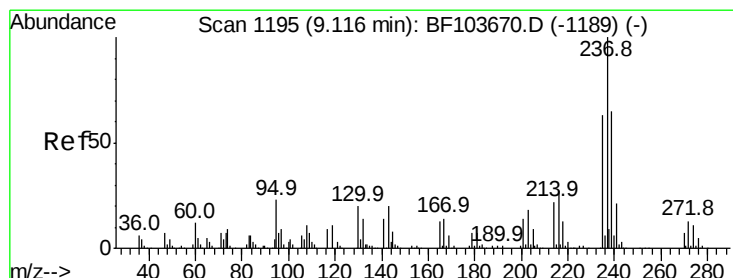
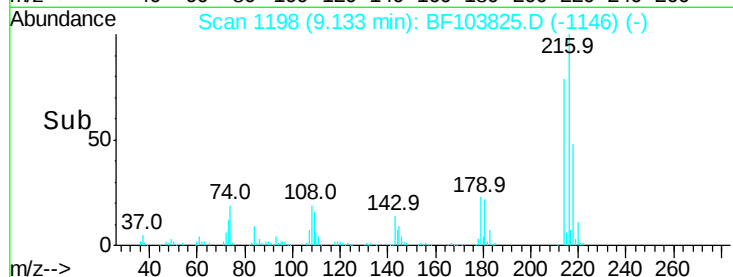
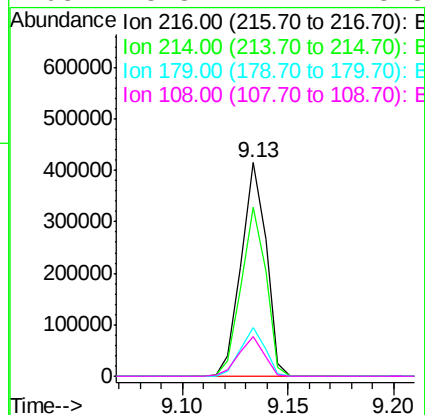
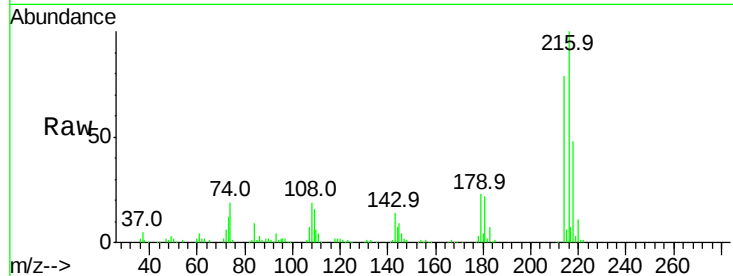




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.886 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

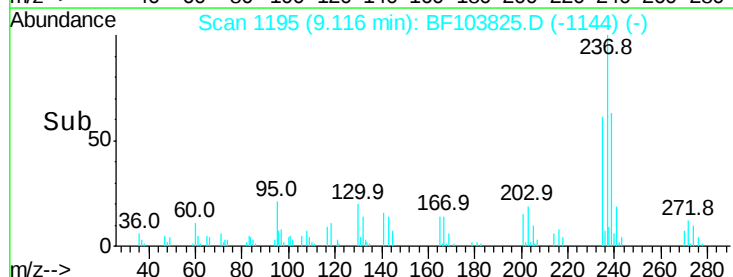
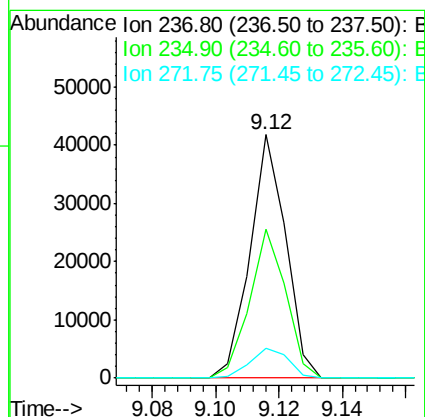
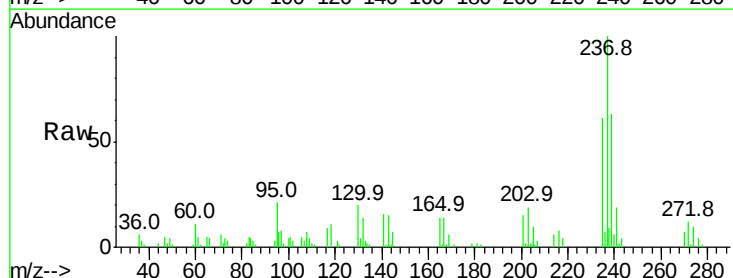
Instrument :
 BNA_F
 ClientSampleId :

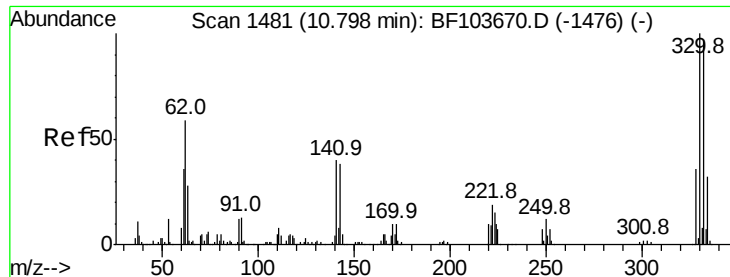
Tot Ion:	216	Resp:	339480
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	22.2	18.1	27.1
108	18.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 7.998 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:	237	Resp:	32669
Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.8	84.8
272	12.4	0.0	33.3

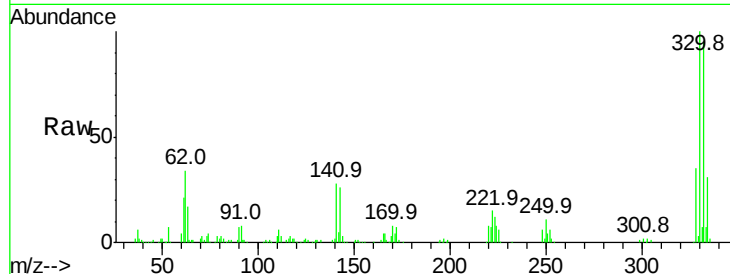




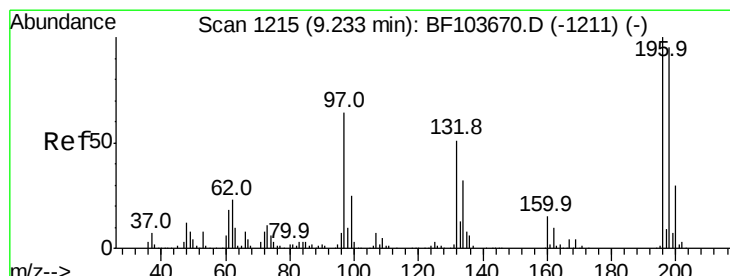
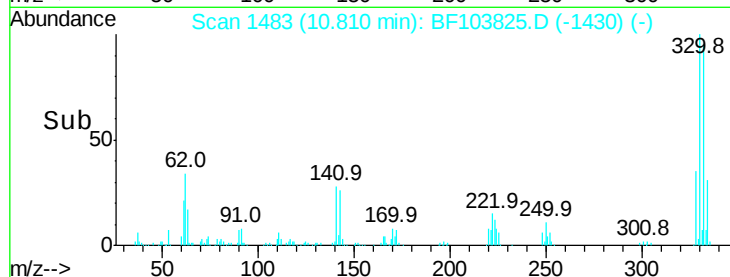
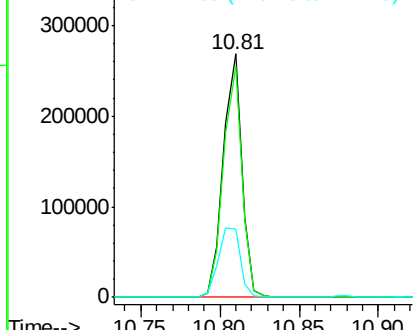
#41
 2,4,6-Tribromophenol
 Concen: 91.870 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.5	29.9	44.9

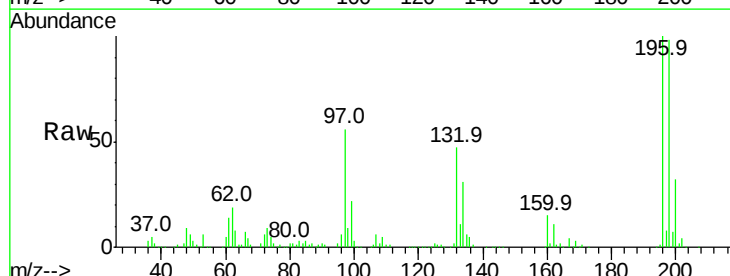


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

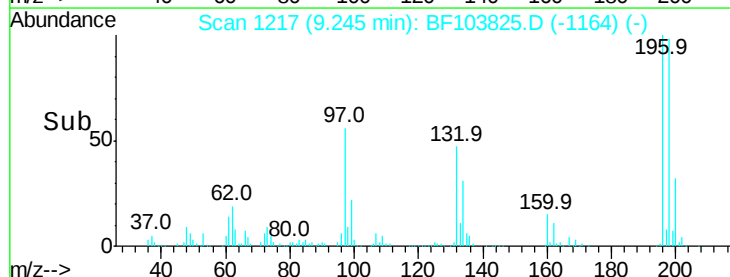
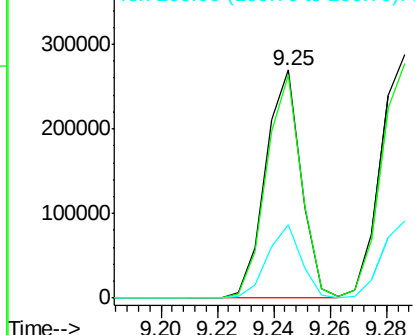


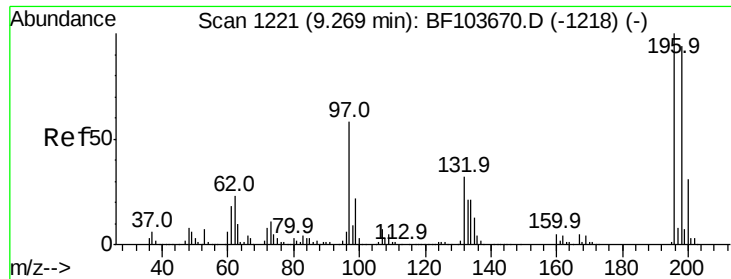
#42
 2,4,6-Trichlorophenol
 Concen: 46.537 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.7	113.5
200	32.4	24.5	36.7



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

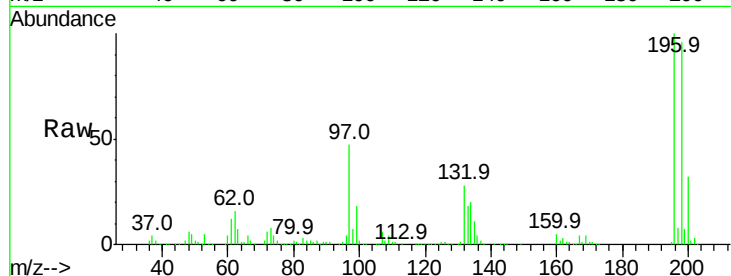




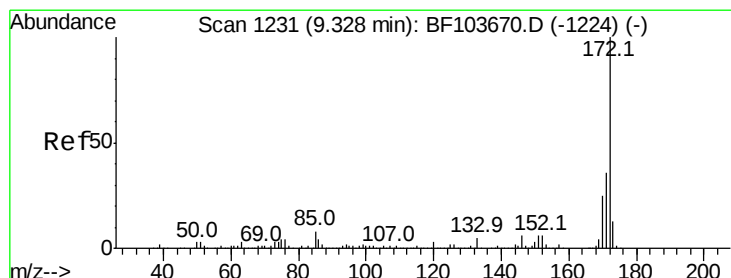
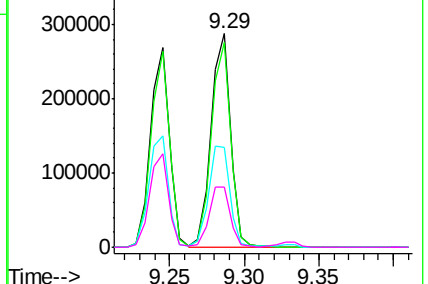
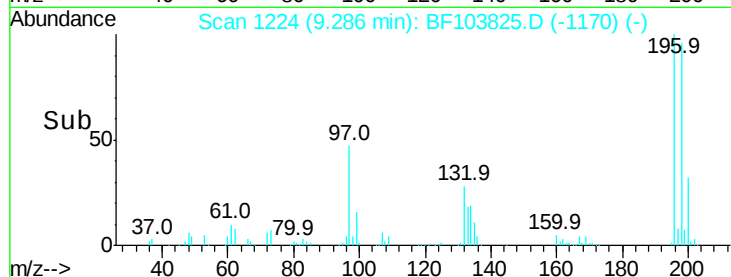
#43
 2,4,5-Trichlorophenol
 Concen: 45.706 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 261200
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 46.9 42.9 64.3
 132 28.2 26.3 39.5

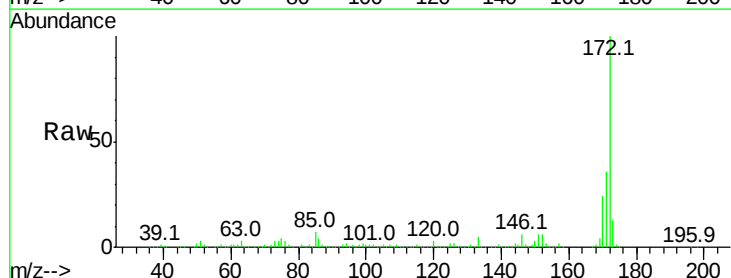


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

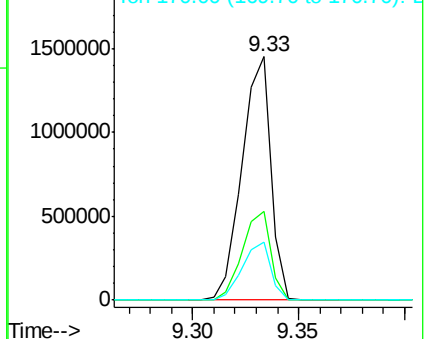
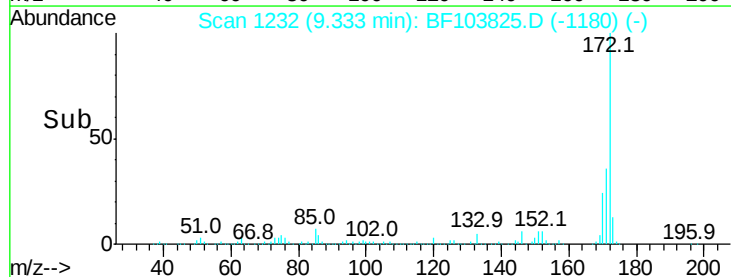


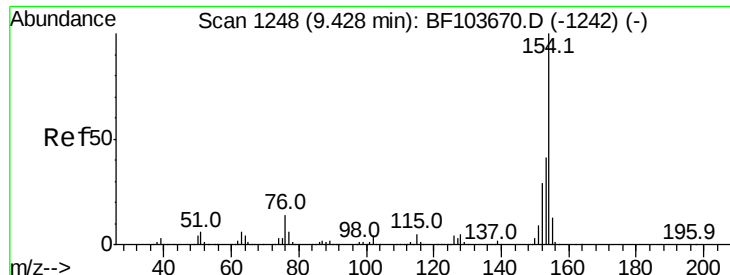
#44
 2-Fluorobiphenyl
 Concen: 79.005 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:172 Resp: 1374271
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4



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

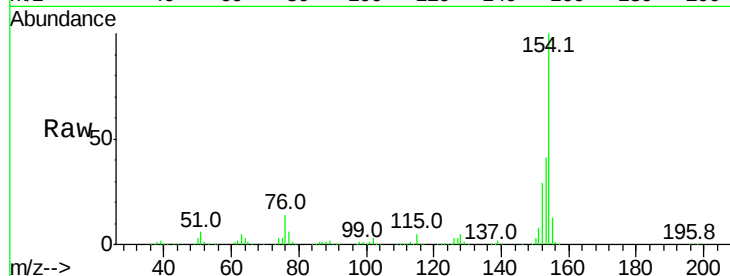




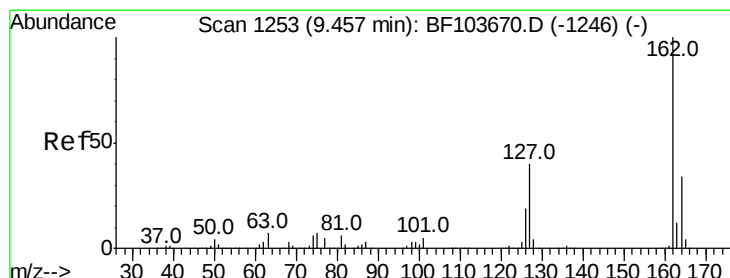
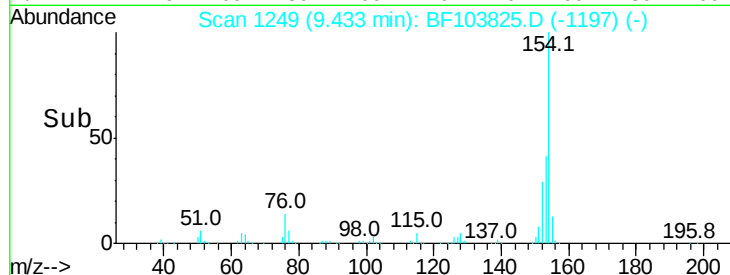
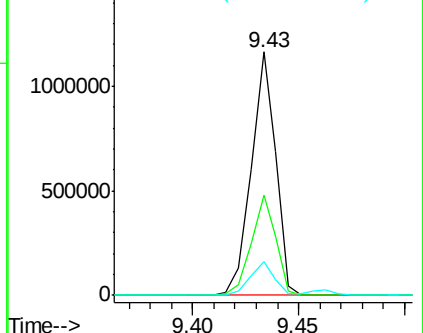
#45
 1,1'-Biphenyl
 Concen: 40.486 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 936724
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 13.9 0.0 34.0

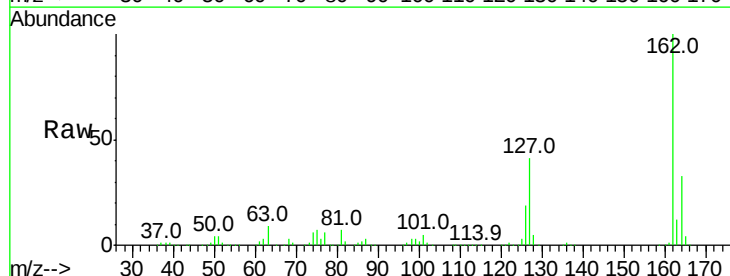


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

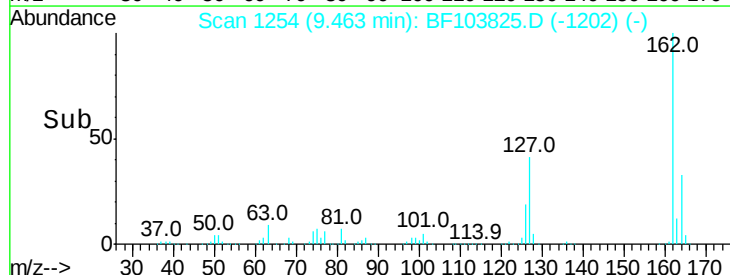
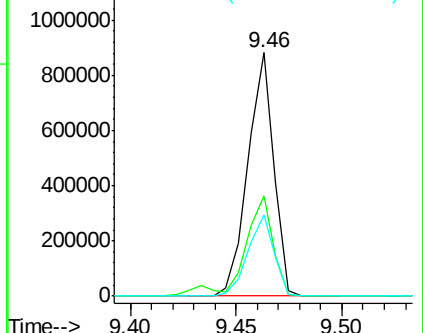


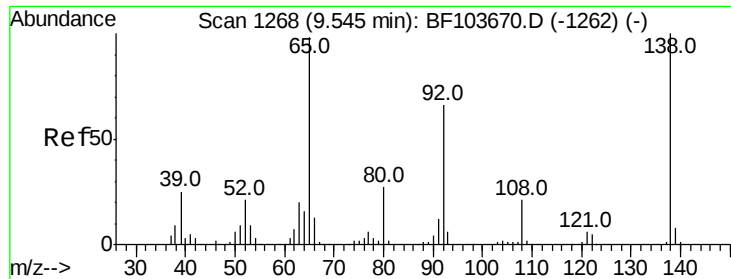
#46
 2-Chloronaphthalene
 Concen: 40.837 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:162 Resp: 750464
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.9 50.9
 164 33.4 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

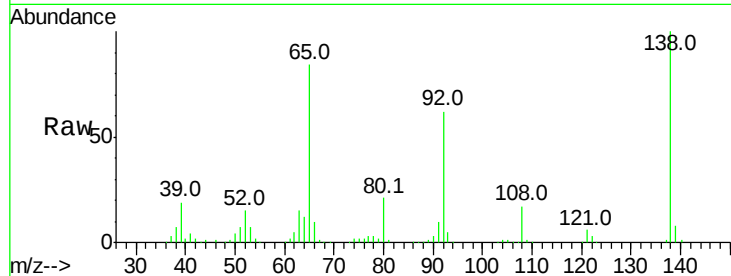




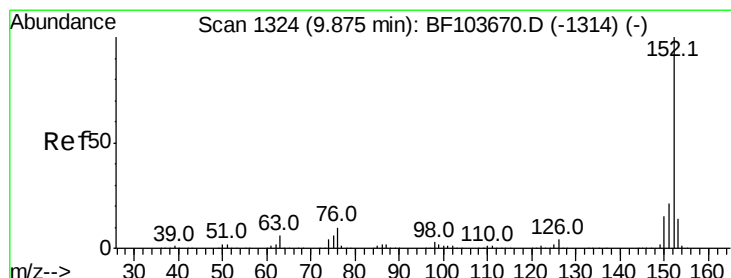
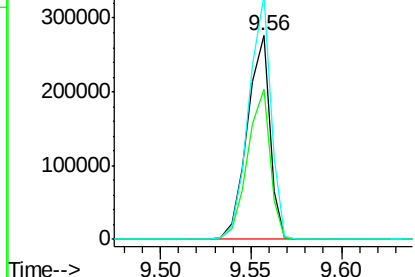
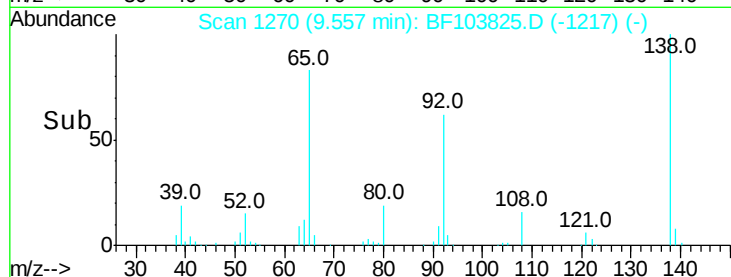
#47
2-Nitroaniline
Concen: 49.596 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 239698
Ion Ratio Lower Upper
65 100
92 74.1 55.8 83.6
138 119.7 91.2 136.8

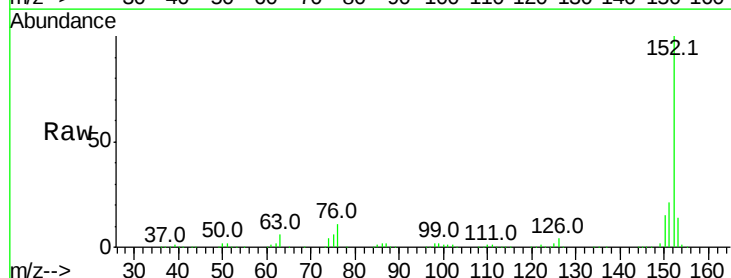


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

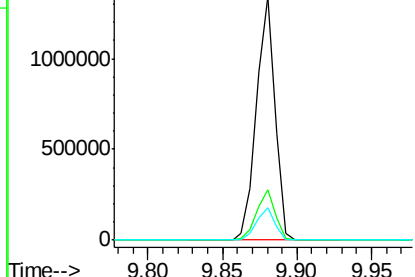
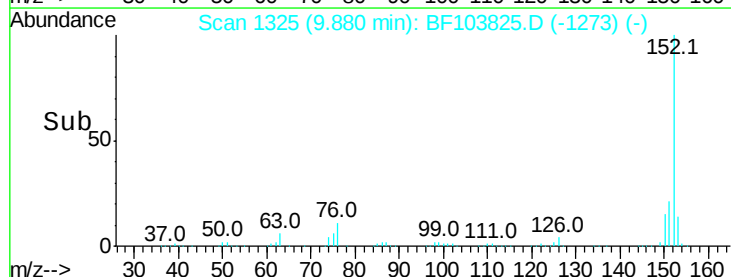


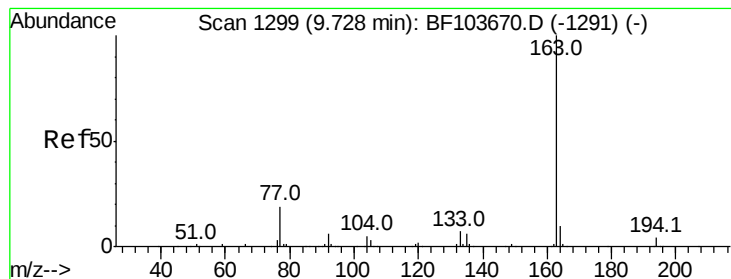
#48
Acenaphthylene
Concen: 39.946 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:152 Resp: 1138334
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 41.942 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

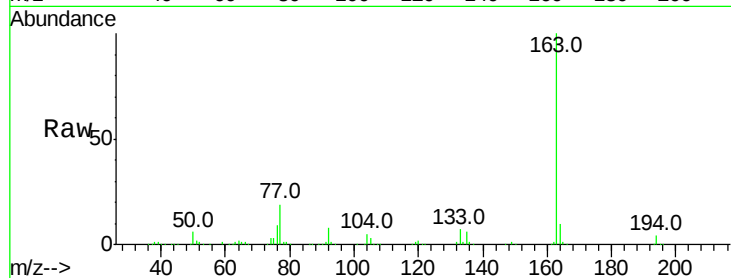
Tot Ion:163 Resp: 887901

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

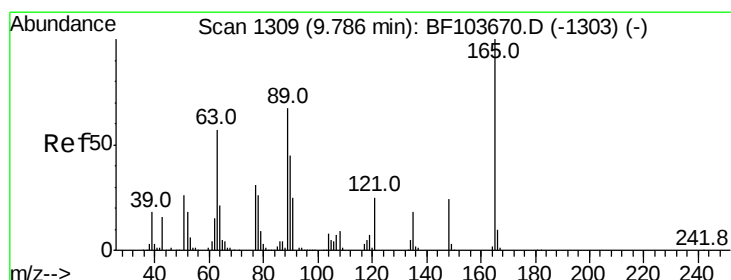
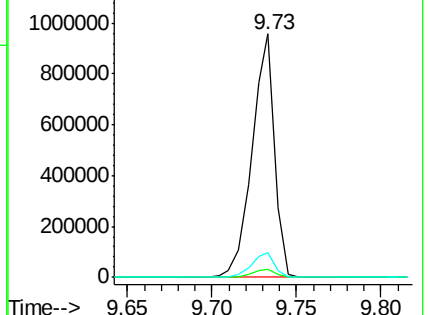
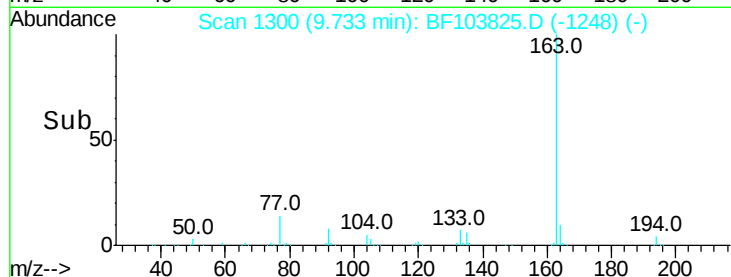
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.622 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

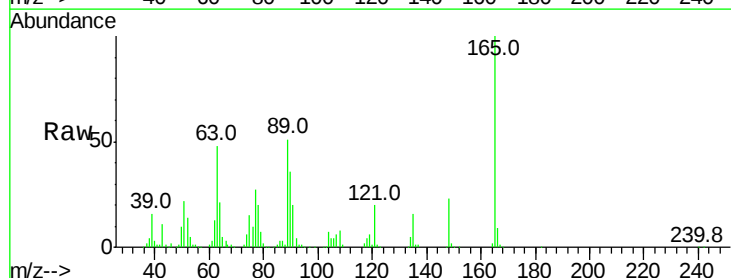
Tgt Ion:165 Resp: 194882

Ion Ratio Lower Upper

165 100

63 47.7 44.7 67.1

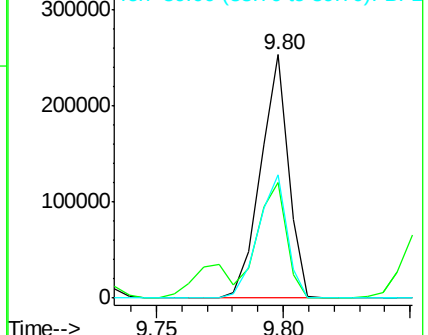
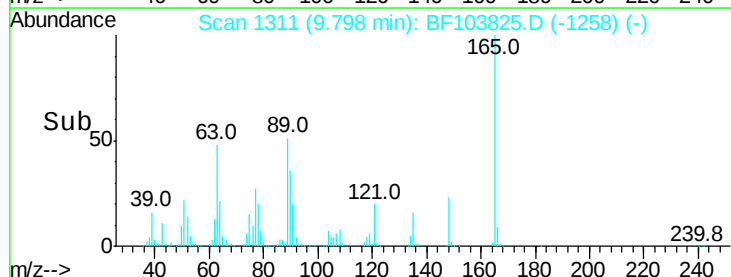
89 50.6 44.0 66.0

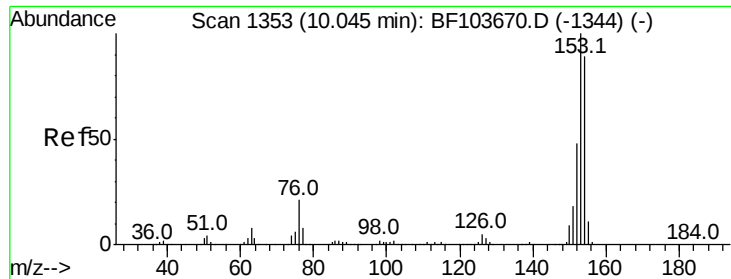


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

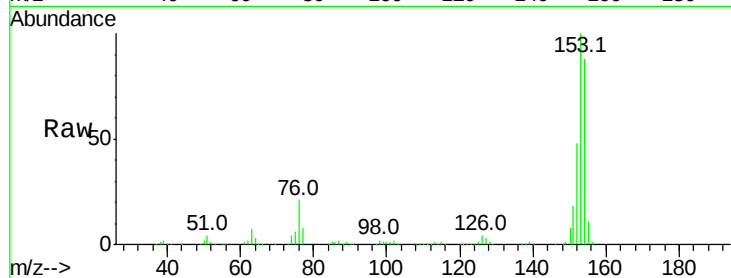




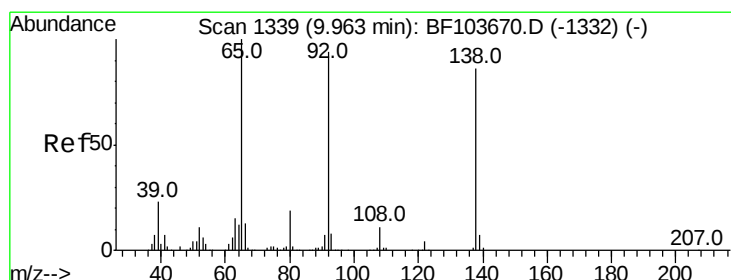
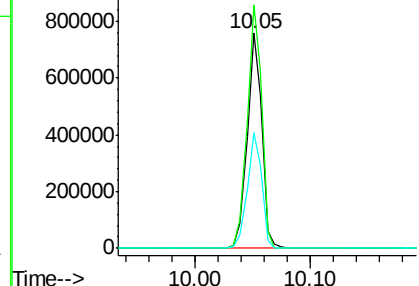
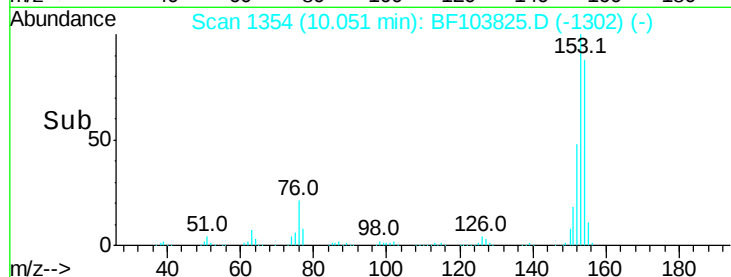
#51
Acenaphthene
Concen: 39.196 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 663225
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.0 43.8 65.8

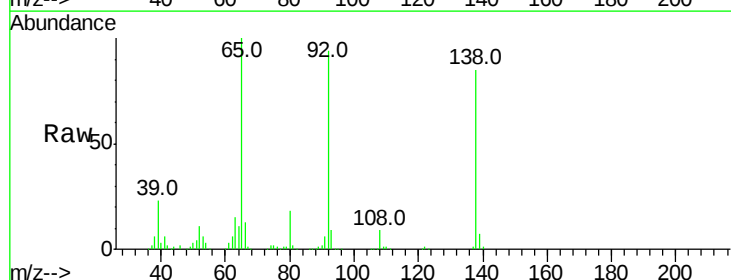


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

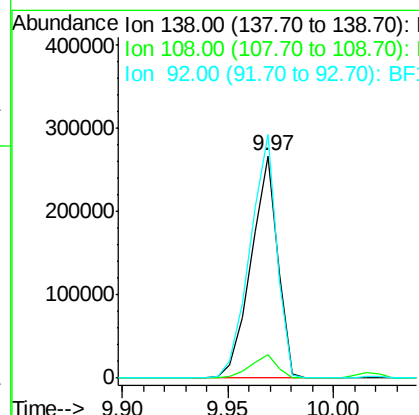
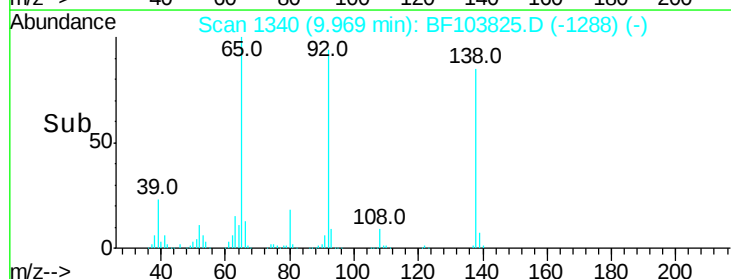


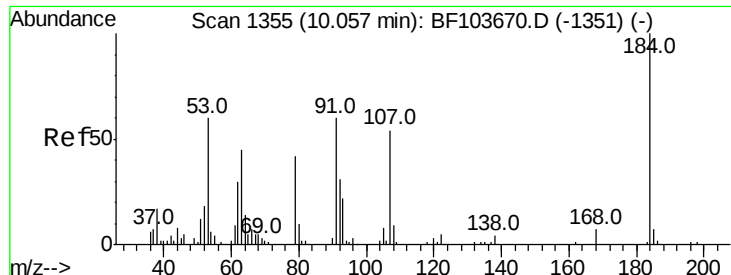
#52
3-Nitroaniline
Concen: 47.892 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:138 Resp: 235008
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 109.7 89.4 134.2



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

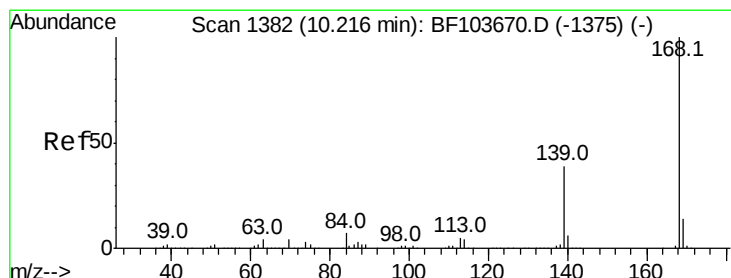
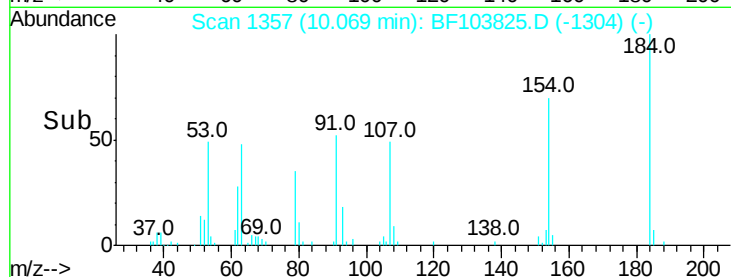
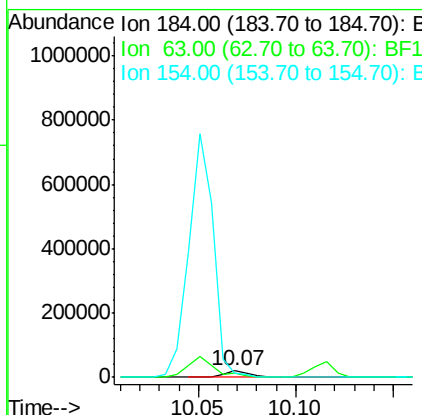
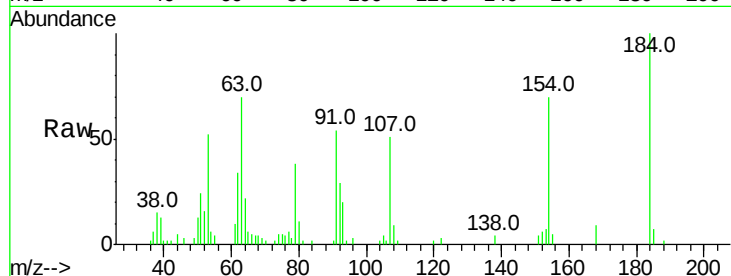




#53
 2,4-Dinitrophenol
 Concen: 28.565 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

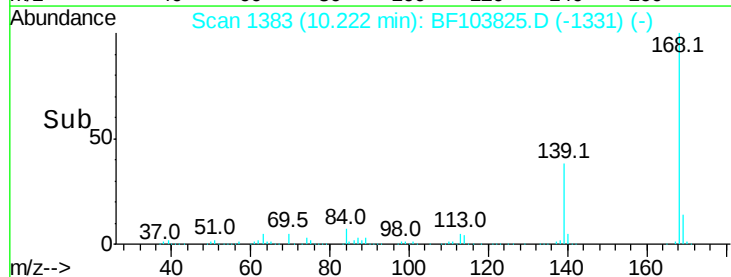
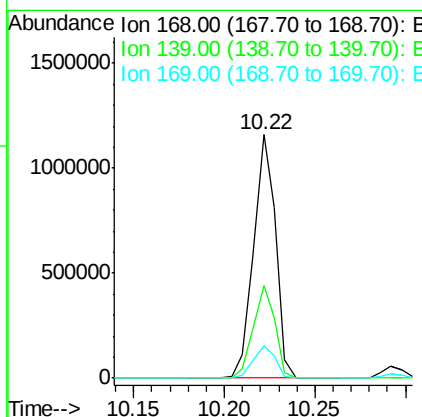
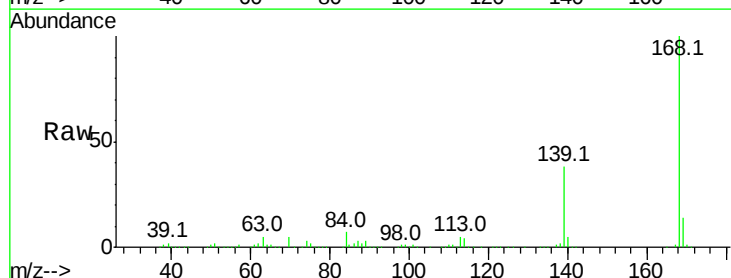
Instrument :
 BNA_F
 ClientSampleId :

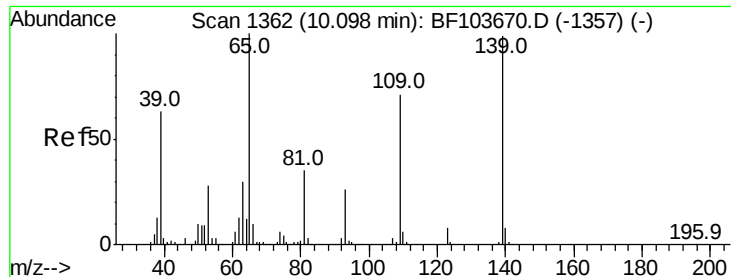
Tot Ion:184 Resp: 17079
 Ion Ratio Lower Upper
 184 100
 63 69.5 54.2 81.2
 154 70.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.240 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:168 Resp: 972437
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 43.188 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampled :

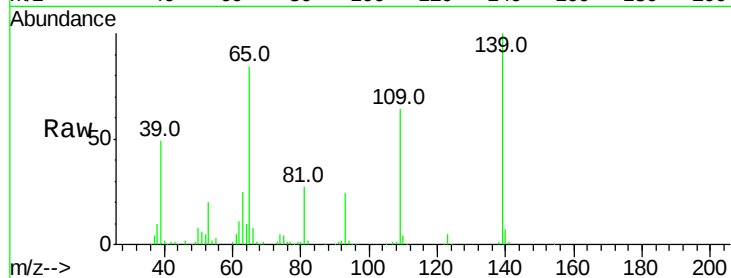
Tot Ion:139 Resp: 157938

Ion Ratio Lower Upper

139 100

109 64.4 48.4 88.4

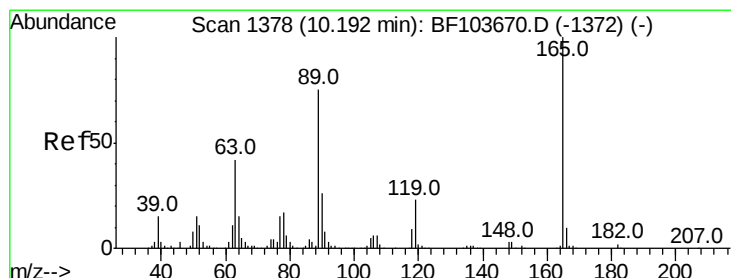
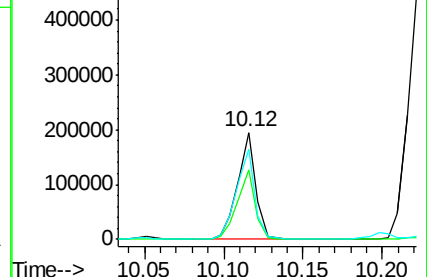
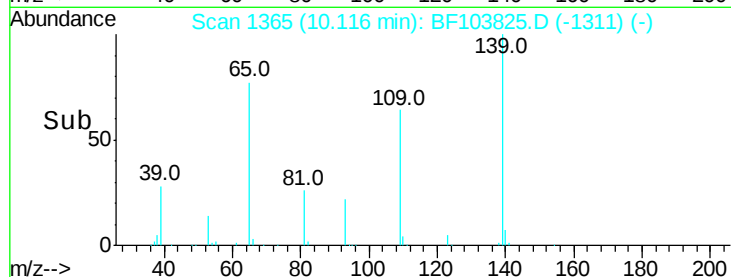
65 84.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 48.690 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Tgt Ion:165 Resp: 253141

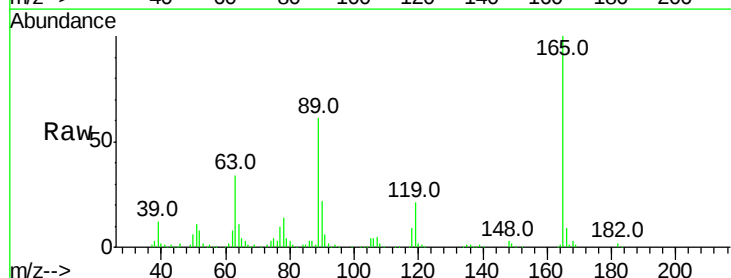
Ion Ratio Lower Upper

165 100

63 33.7 36.4 54.6#

89 61.4 57.8 86.6

182 2.3 1.6 2.4

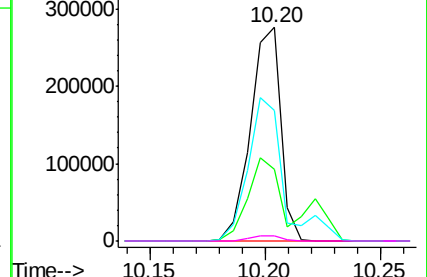
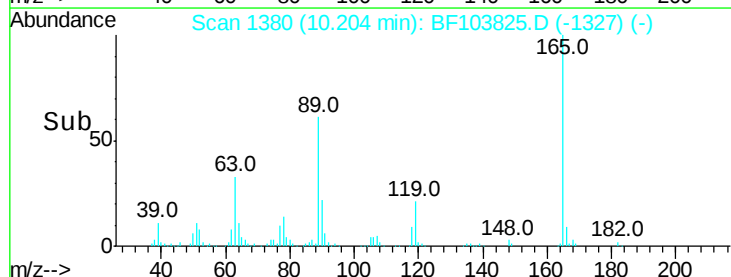


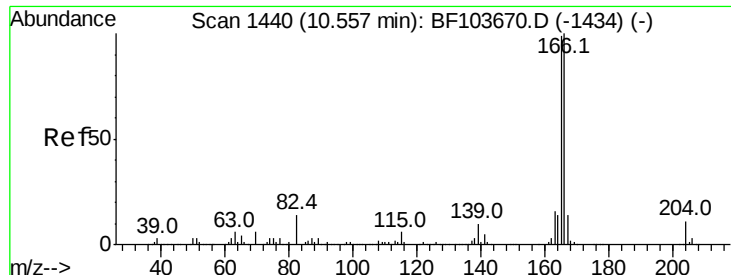
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

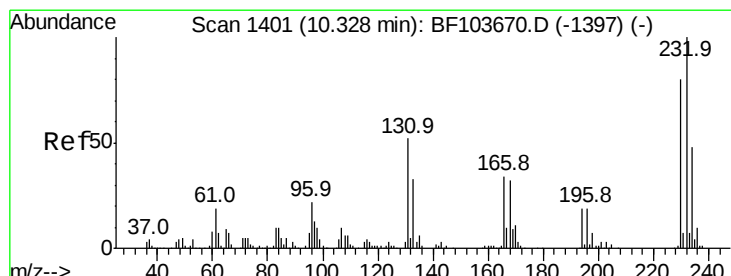
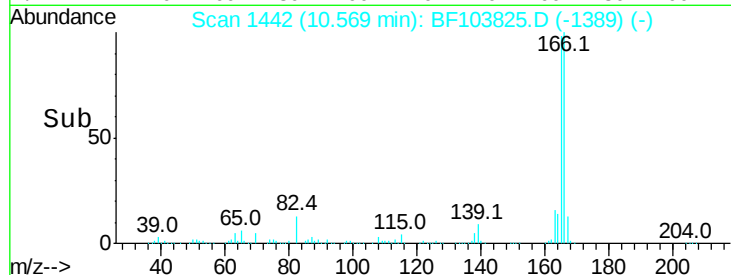
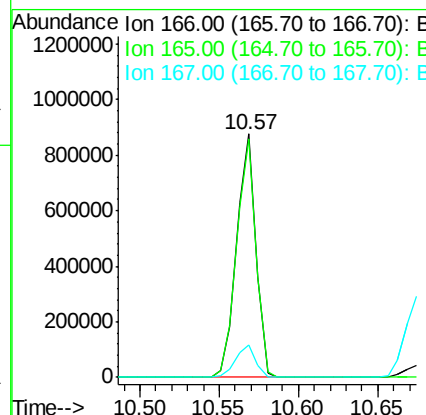
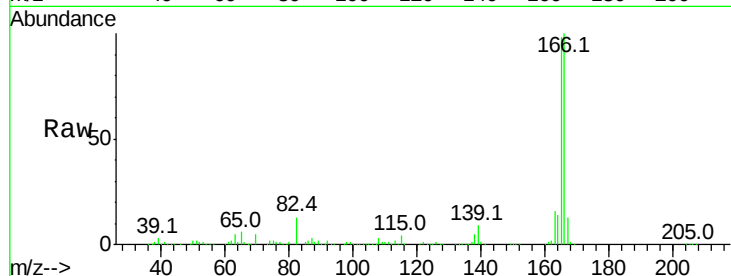




#57
 Fluorene
 Concen: 39.481 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

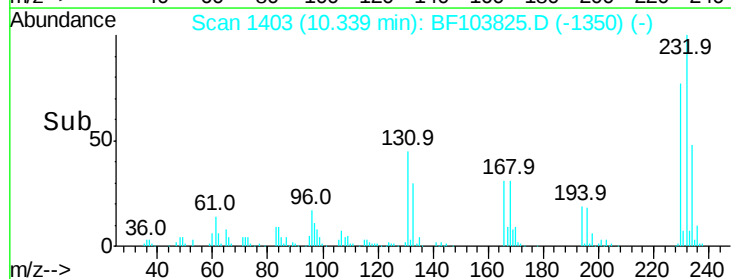
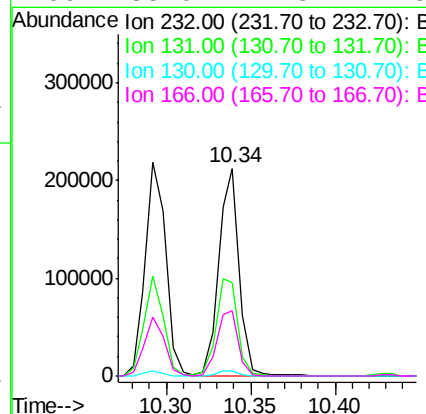
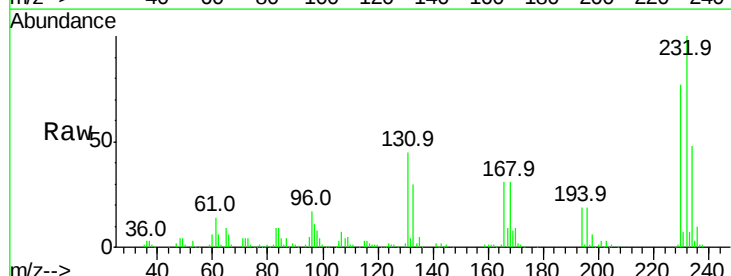
Instrument :
 BNA_F
 ClientSampleId :

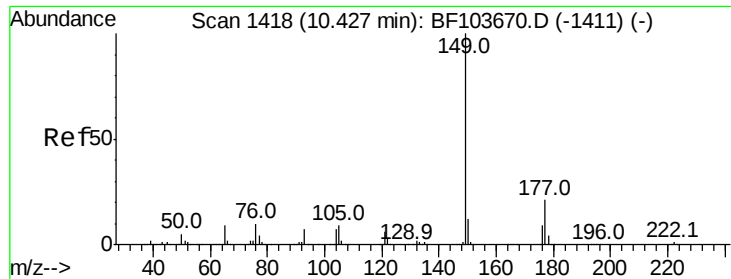
Tot Ion:166 Resp: 740353
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.514 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:232 Resp: 180255
 Ion Ratio Lower Upper
 232 100
 131 49.8 43.8 65.8
 130 2.4 2.1 3.1
 166 33.0 27.8 41.6

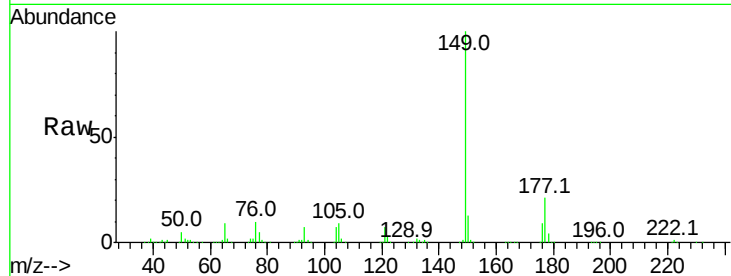




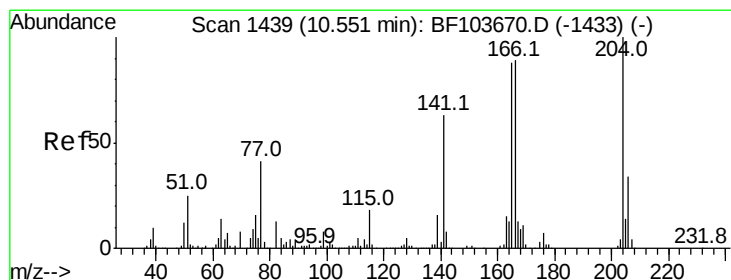
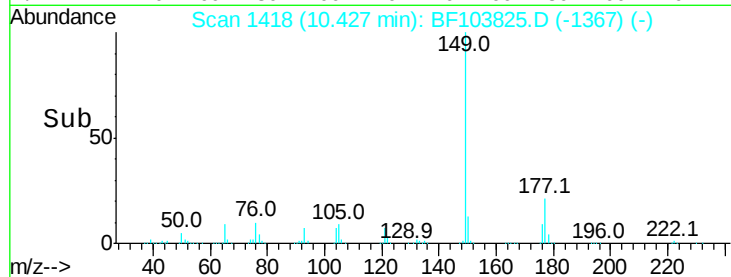
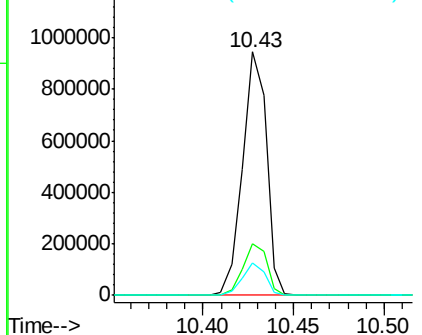
#59
Diethylphthalate
Concen: 41.302 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 867810
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 13.1 10.1 15.1

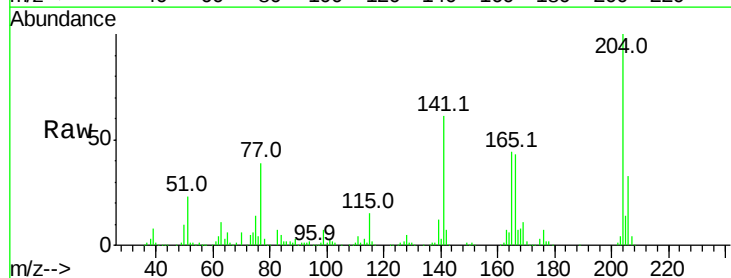


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

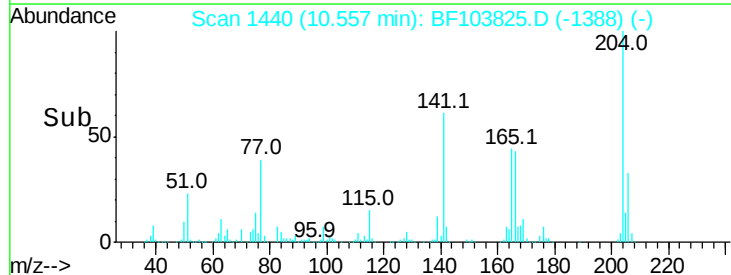
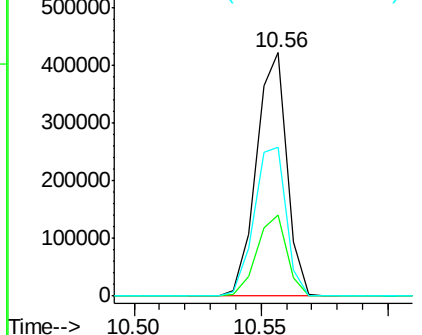


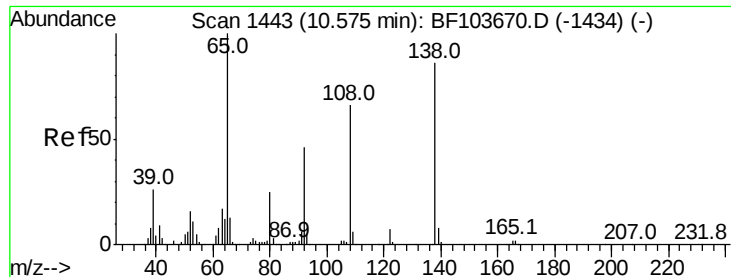
#60
4-Chlorophenyl-phenylether
Concen: 41.251 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:204 Resp: 353525
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.1 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

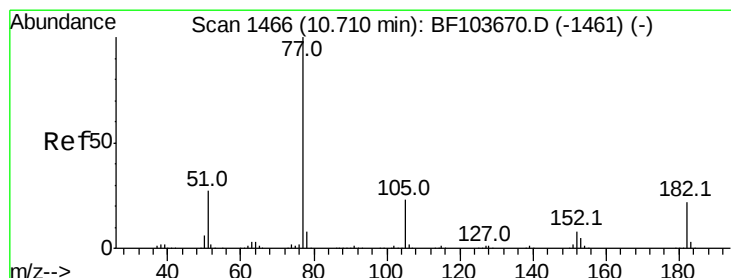
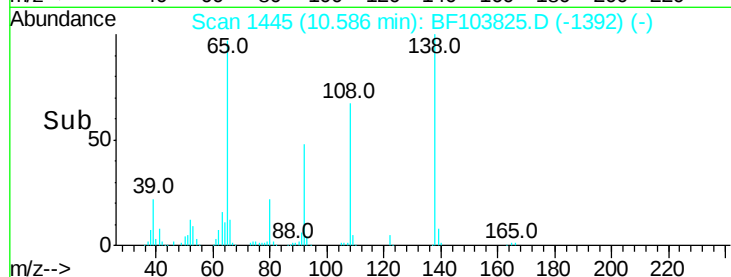
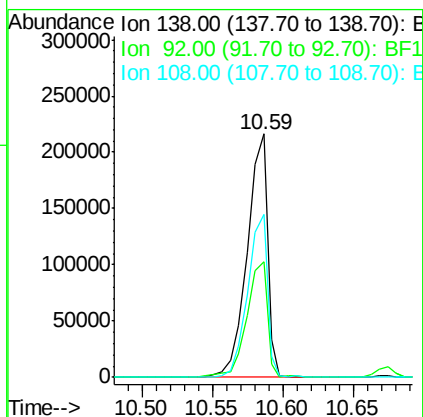
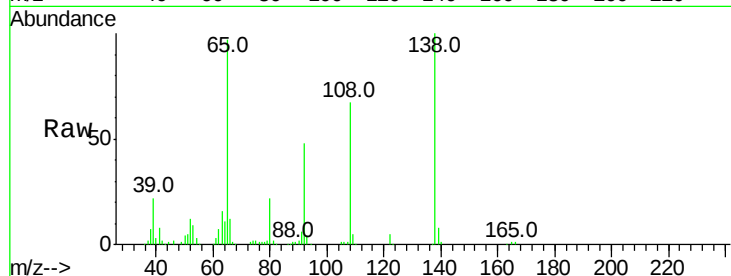




#61
4-Nitroaniline
Concen: 46.708 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

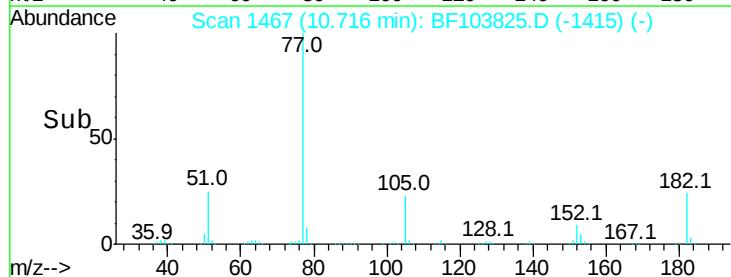
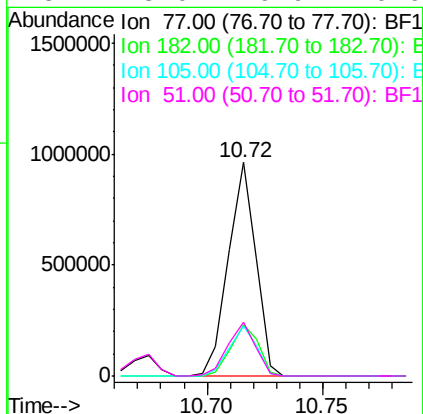
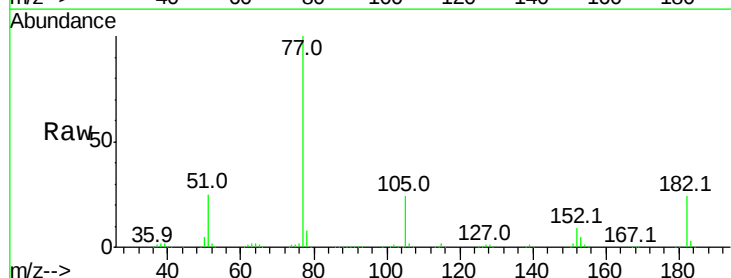
Instrument :
BNA_F
ClientSampleId :

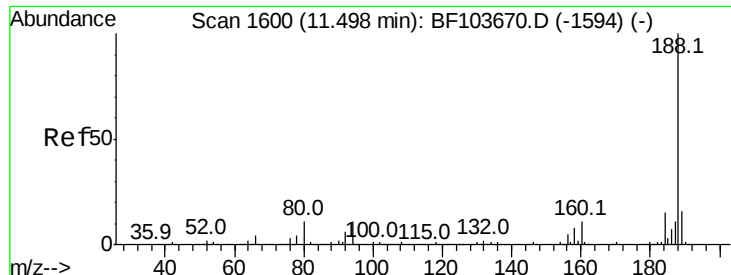
Tot Ion:138 Resp: 220117
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 37.312 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion: 77 Resp: 797050
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 23.5 3.0 43.0
51 25.0 9.9 49.9

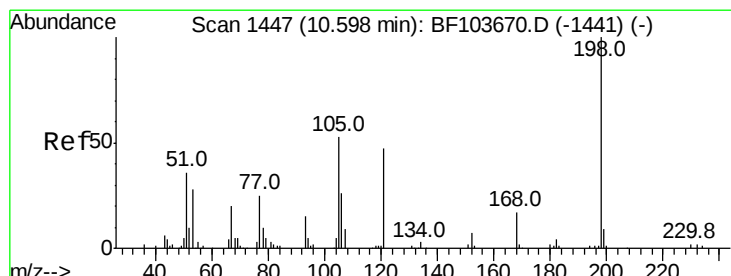
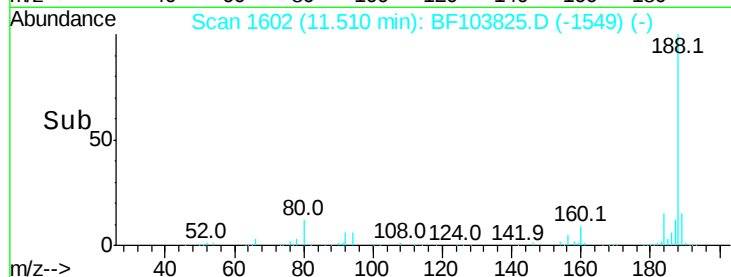
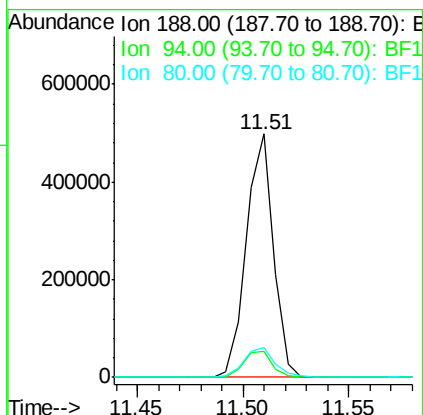
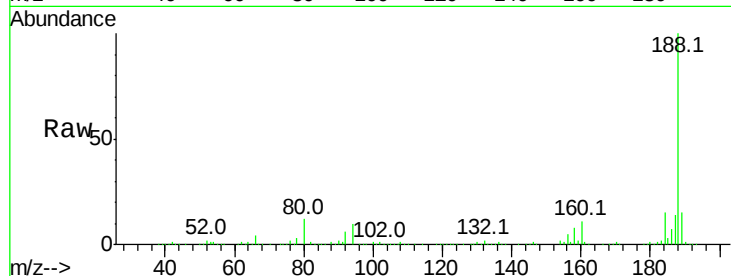




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

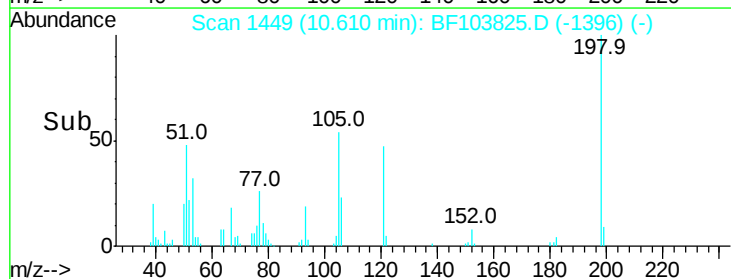
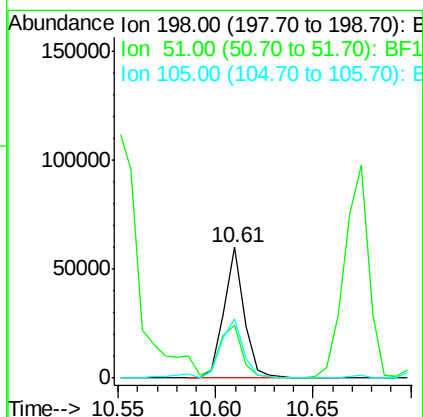
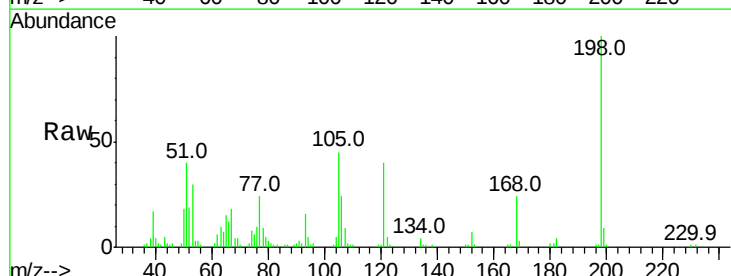
Instrument :
BNA_F
ClientSampleId :

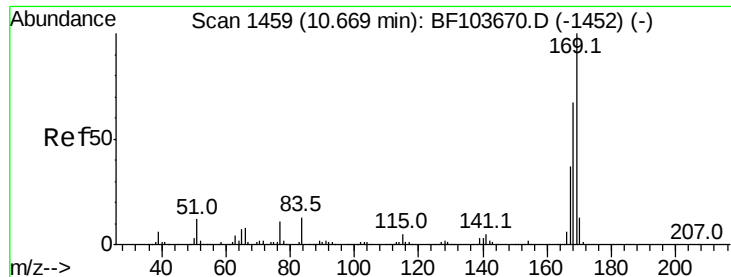
Tot Ion:188 Resp: 442784
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.550 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:198 Resp: 43204
Ion Ratio Lower Upper
198 100
51 40.2 37.7 77.7
105 45.4 36.3 76.3

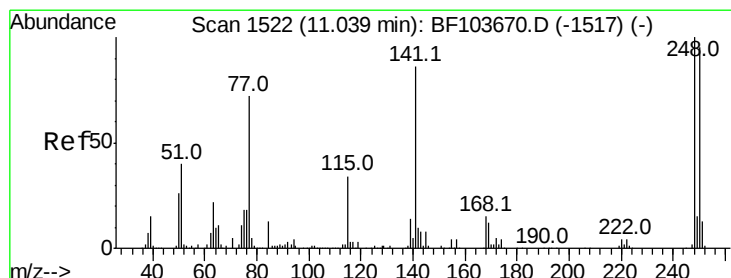
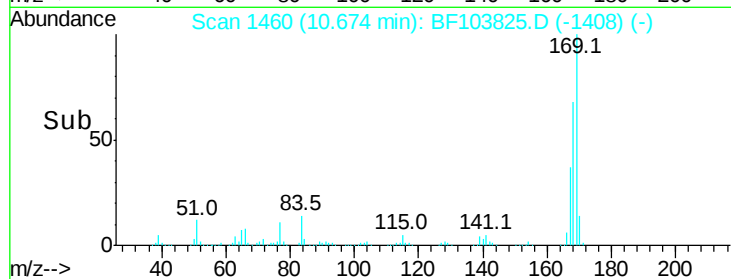
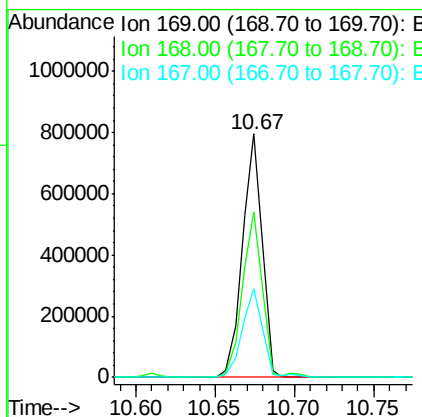
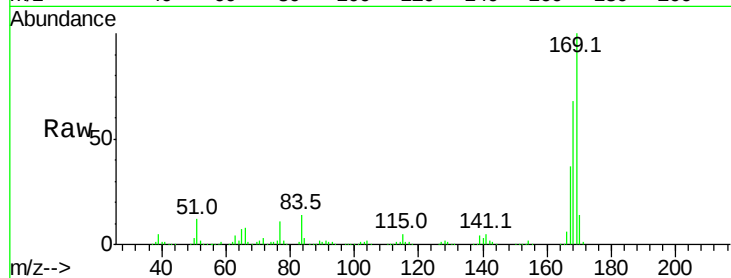




#65
 n-Nitrosodiphenylamine
 Concen: 45.073 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

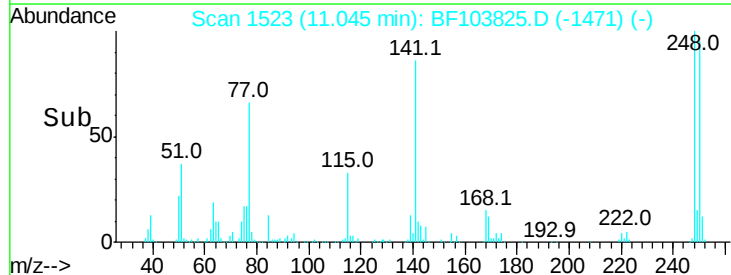
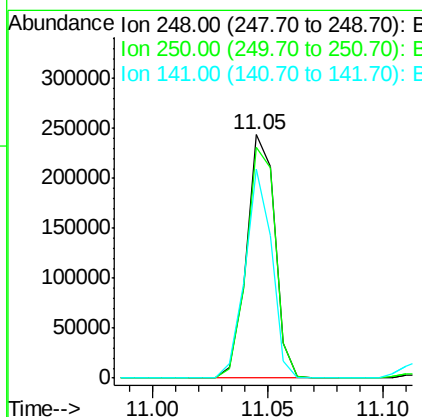
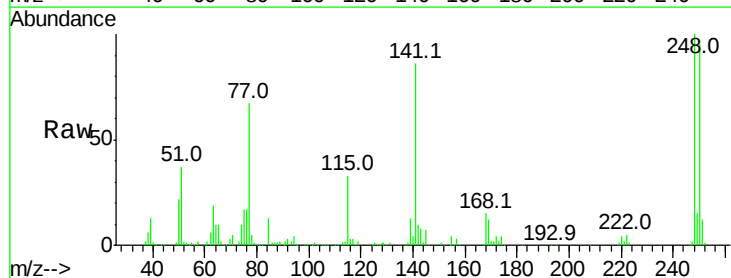
Instrument :
 BNA_F
 ClientSampleId :

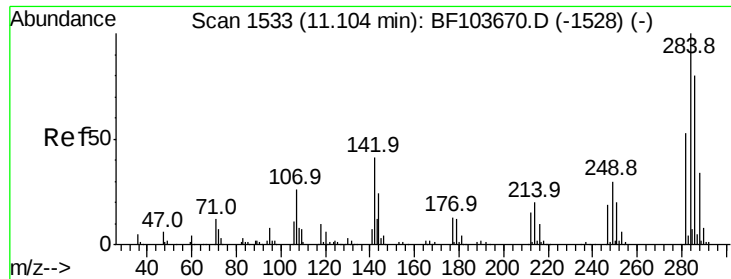
Tot Ion:169 Resp: 679314
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.147 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:248 Resp: 209793
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 85.6 74.4 111.6

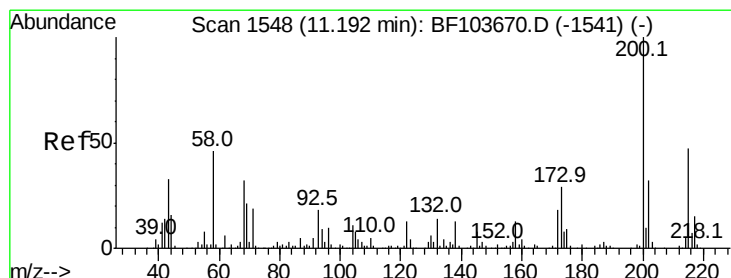
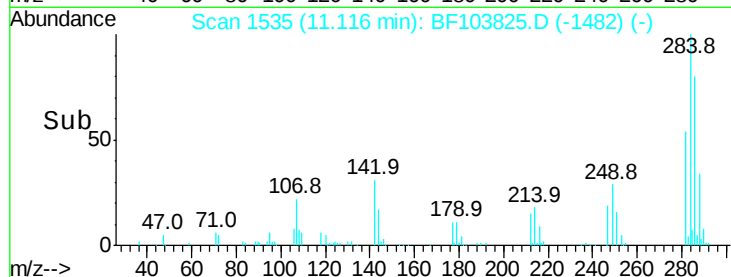
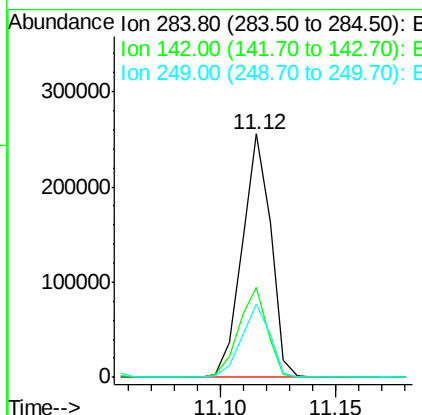
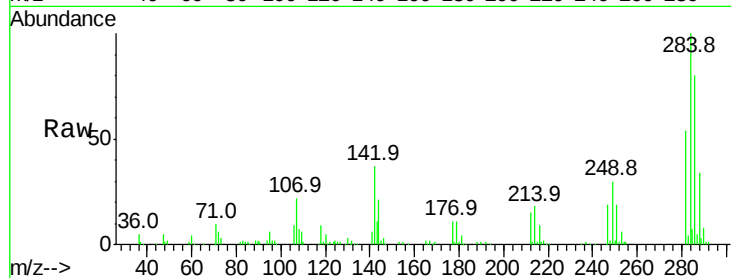




#67
Hexachlorobenzene
Concen: 42.645 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

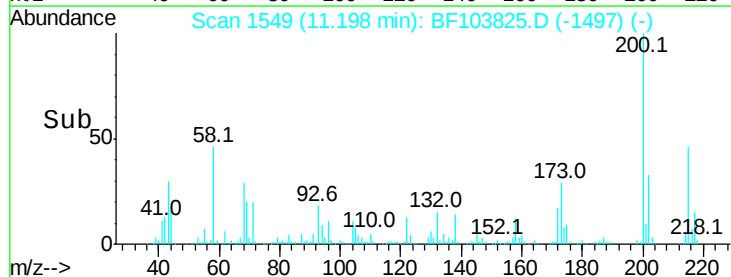
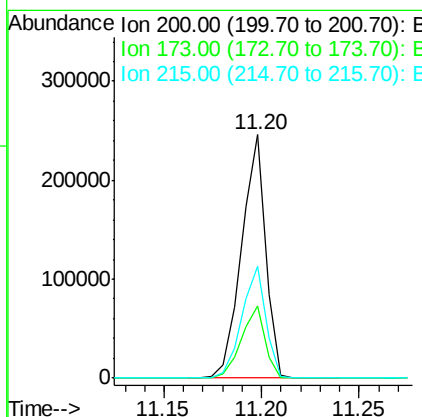
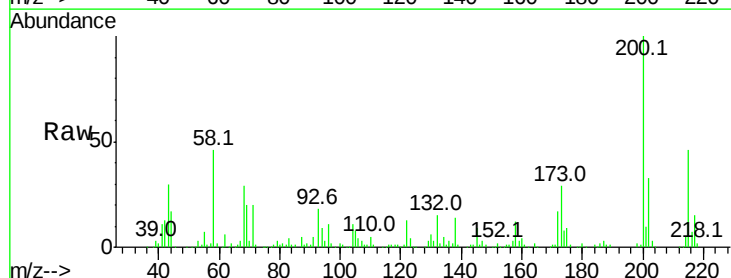
Instrument :
BNA_F
ClientSampleId :

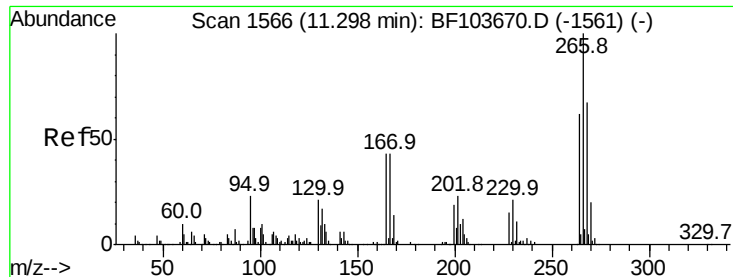
Tot Ion:284 Resp: 221278
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 45.097 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:200 Resp: 210253
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 46.1 25.1 65.1

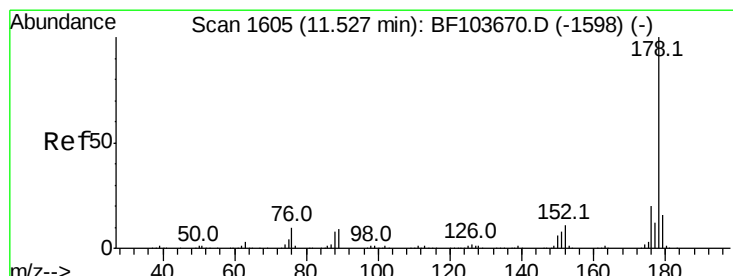
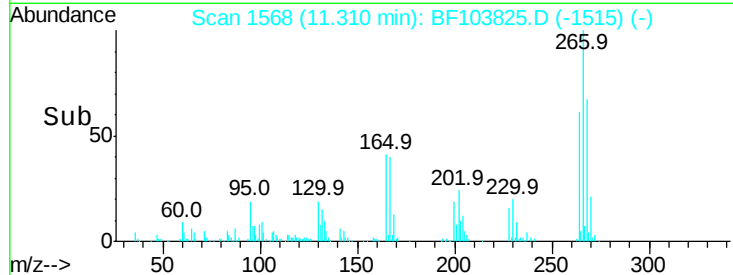
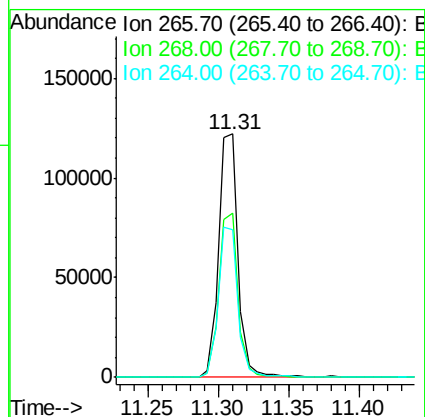
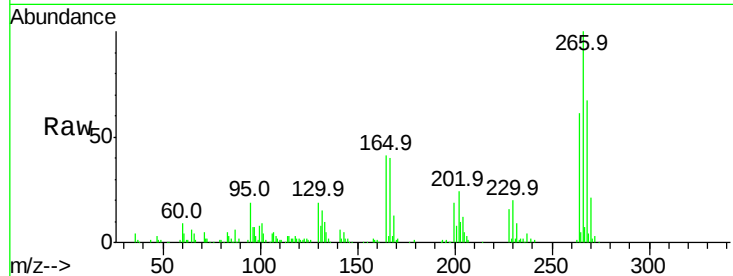




#69
 Pentachlorophenol
 Concen: 39.363 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

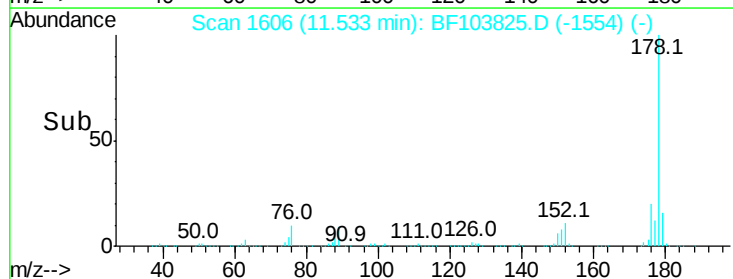
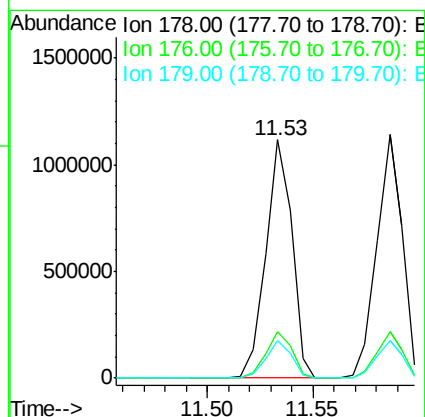
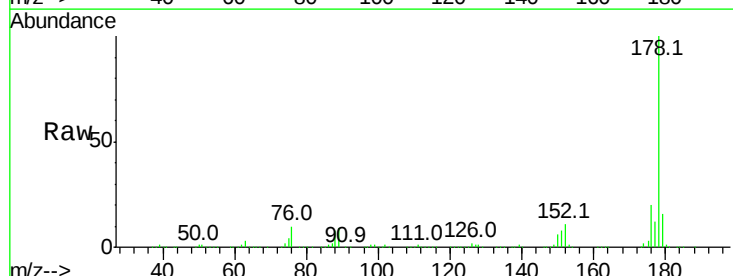
Instrument :
 BNA_F
 ClientSampleId :

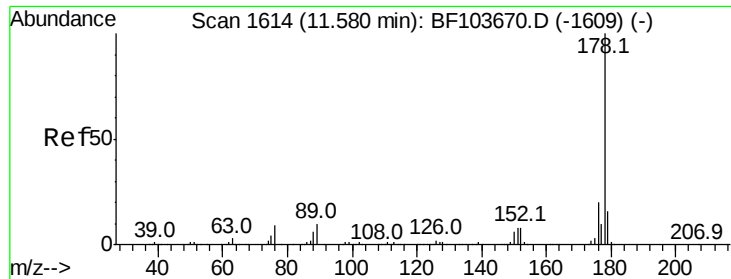
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.1	76.7
264	60.5	49.5	74.3



#70
 Phenanthrene
 Concen: 39.711 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6

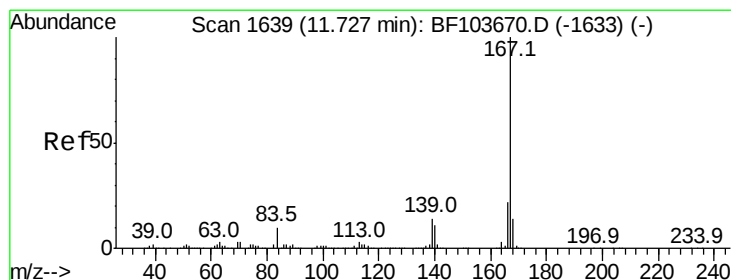
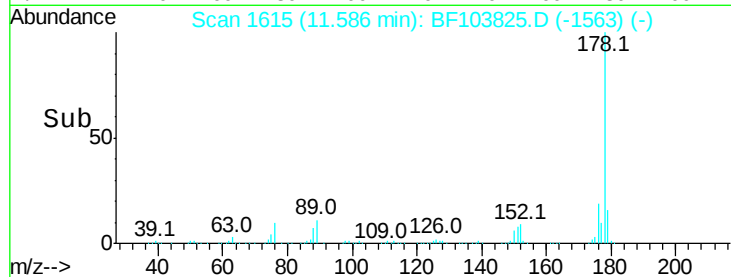
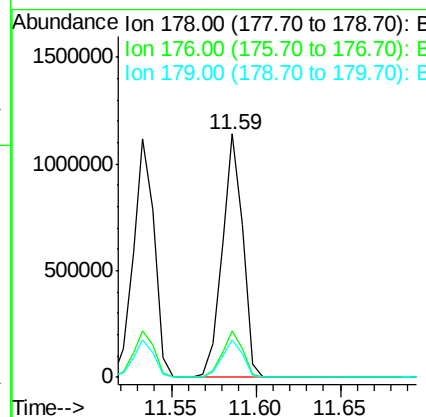
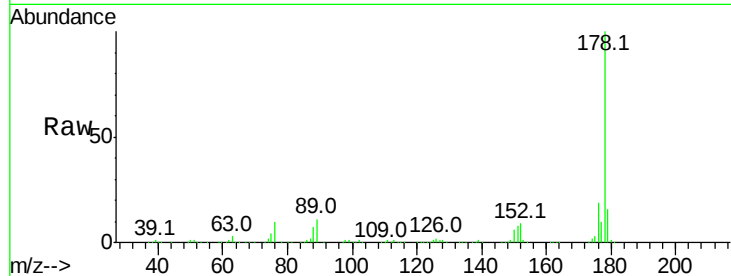




#71
 Anthracene
 Concen: 39.344 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

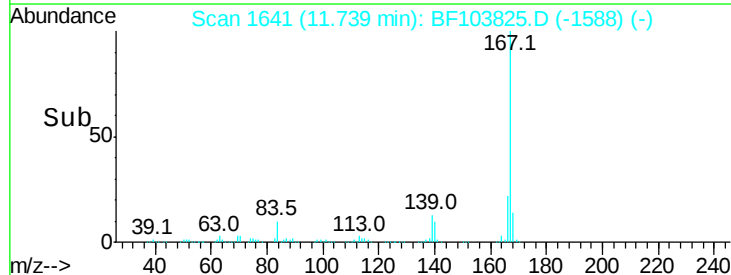
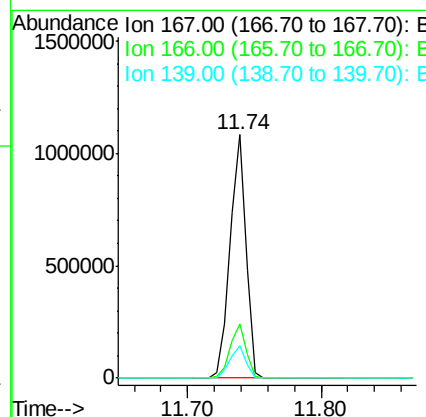
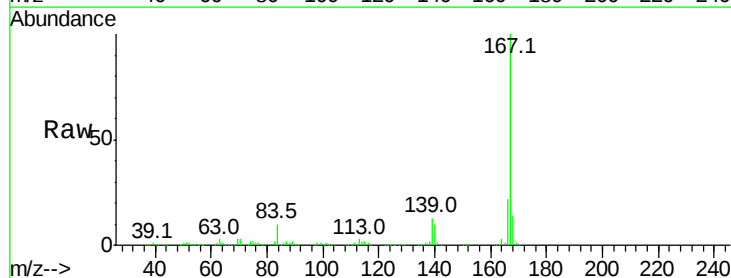
Instrument :
 BNA_F
 ClientSampleId :

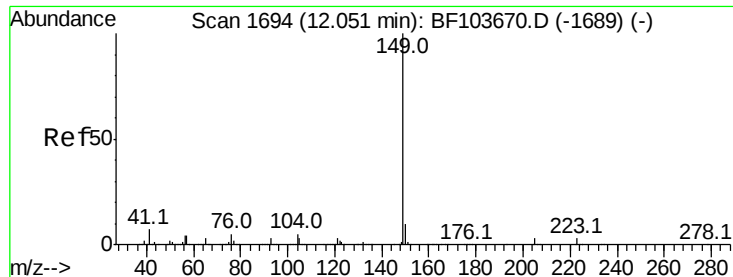
Tot Ion:178 Resp: 967884
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.456 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:167 Resp: 919512
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.4 10.9 16.3

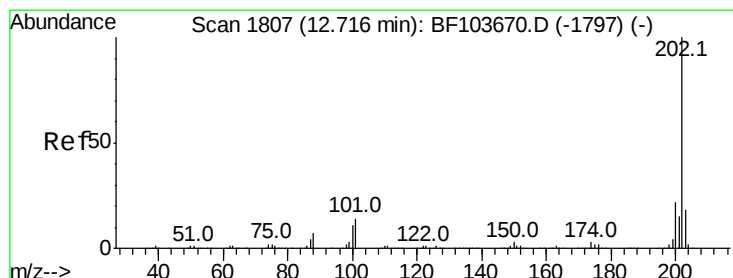
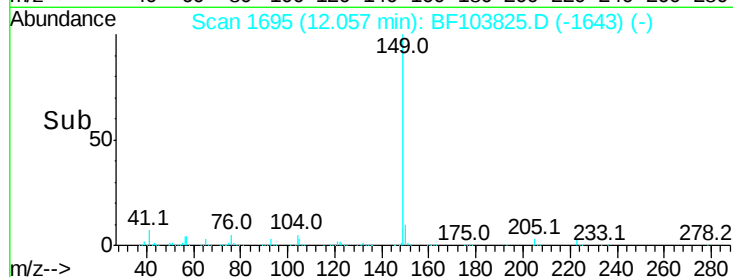
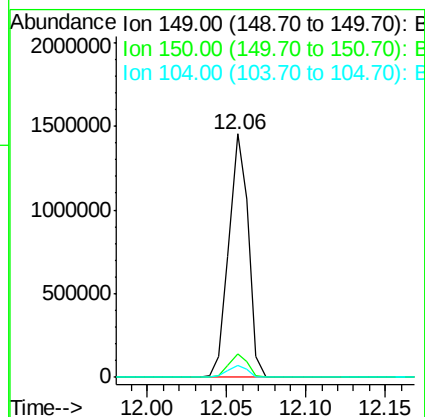
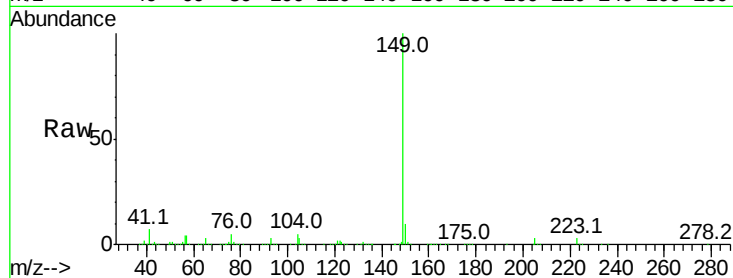




#73
Di-n-butylphthalate
Concen: 43.253 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

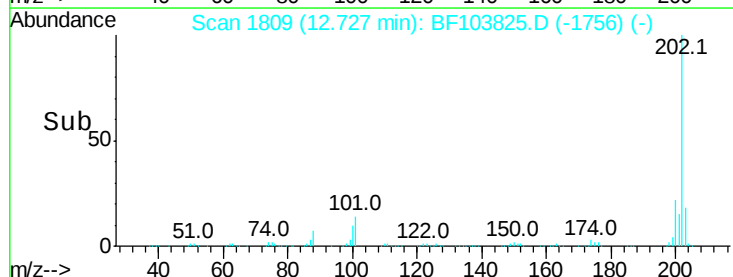
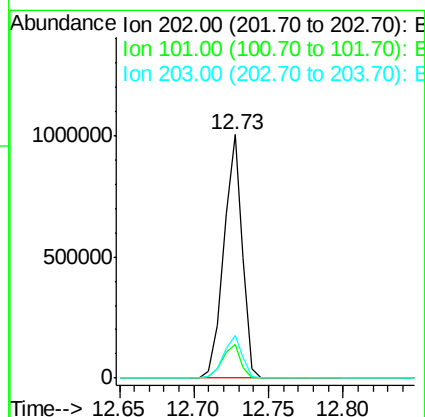
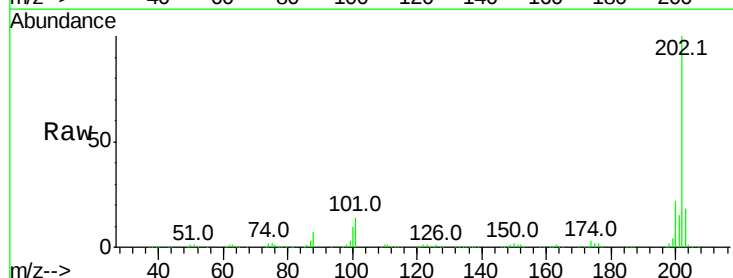
Instrument :
BNA_F
ClientSampleId :

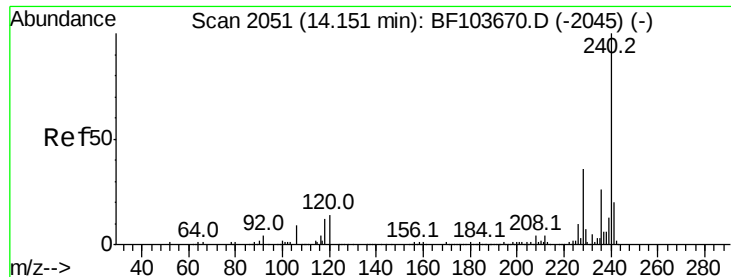
Tot Ion:149 Resp: 1240919
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 34.858 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:202 Resp: 869816
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

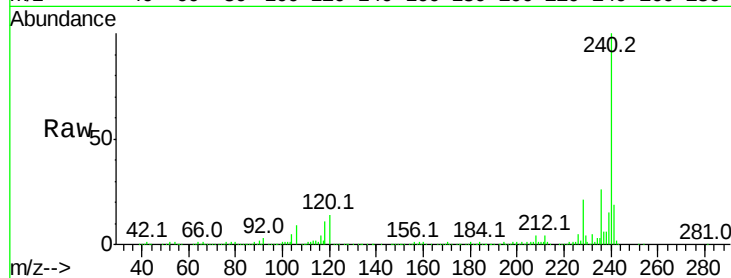
Tot Ion:240 Resp: 299643

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

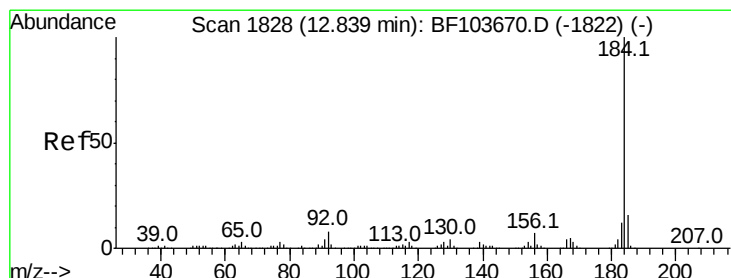
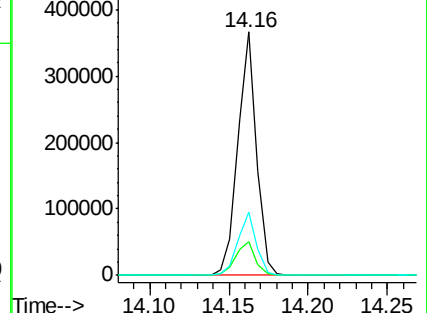
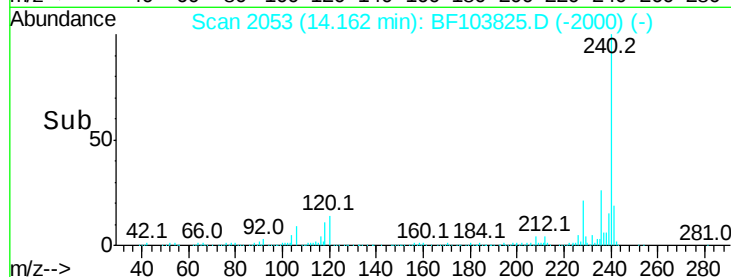
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.960 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

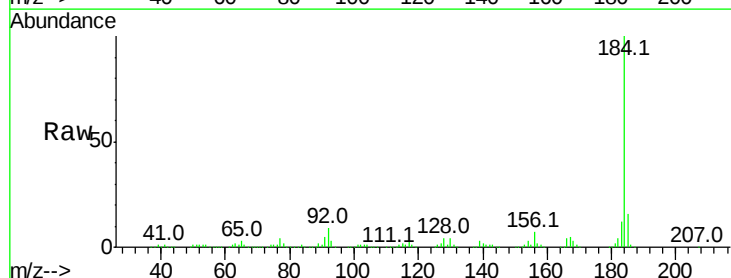
Tgt Ion:184 Resp: 523471

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

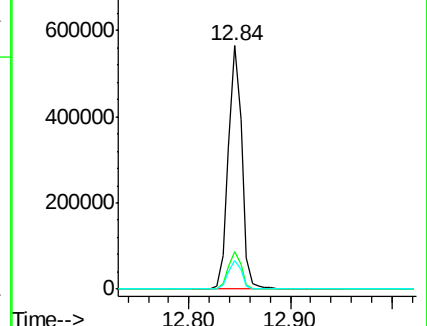
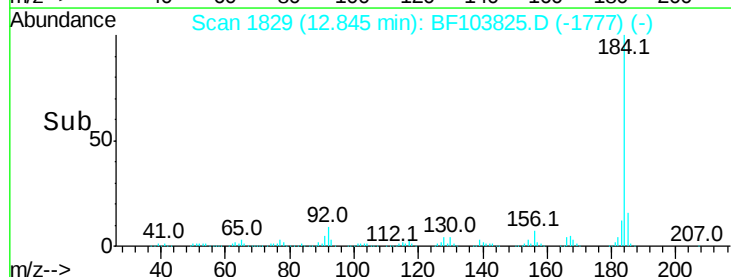
183 11.8 9.3 13.9

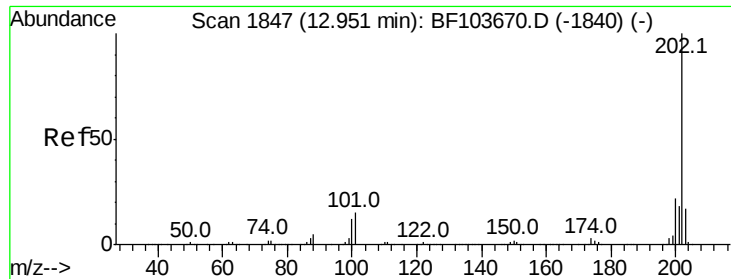


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

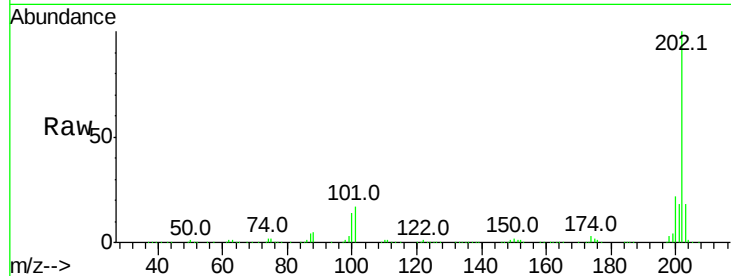




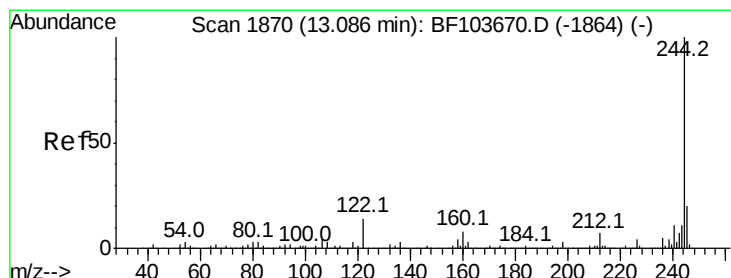
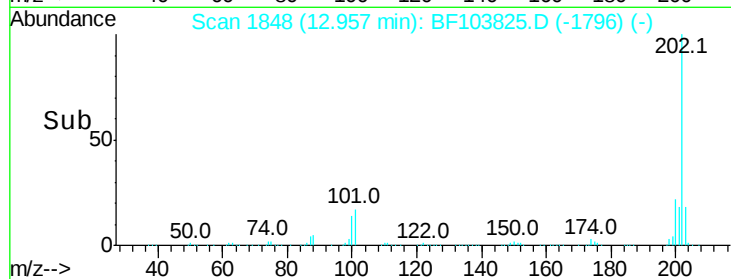
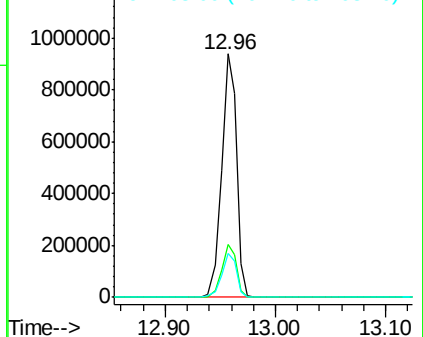
#77
Pvrene
Concen: 40.114 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 882724
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.3 21.5

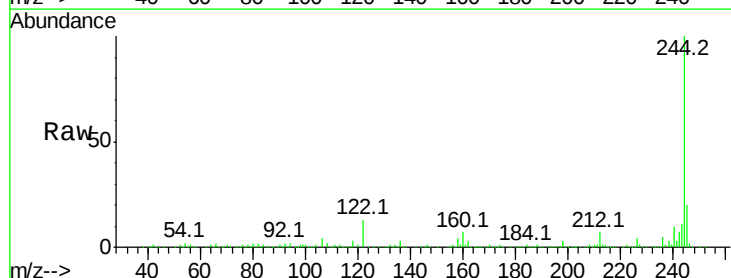


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

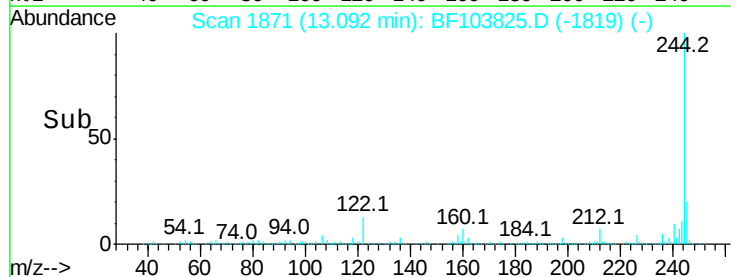
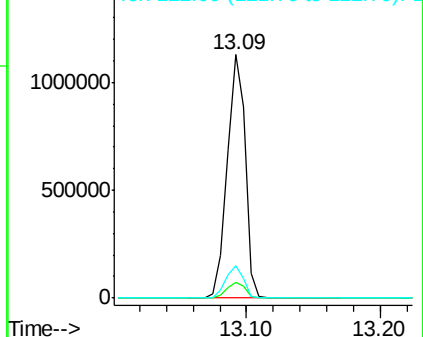


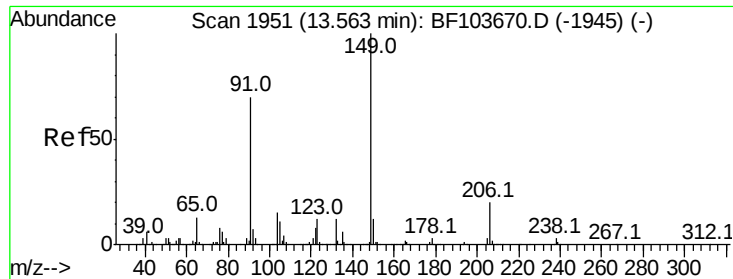
#78
Terphenyl-d14
Concen: 83.267 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:244 Resp: 1074915
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

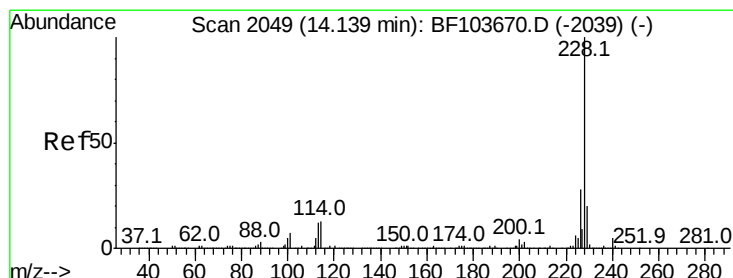
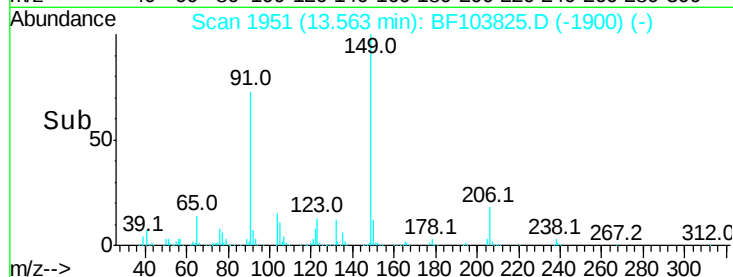
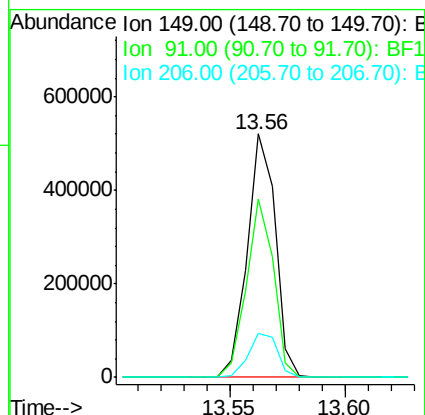
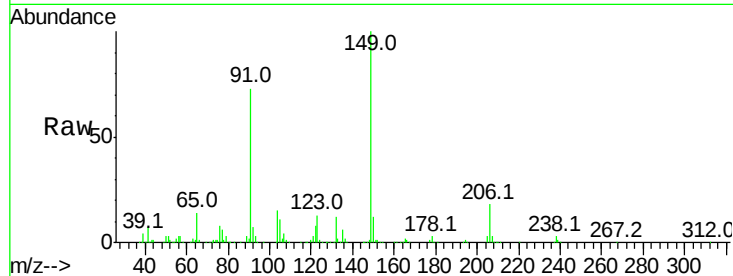




#79
Butylbenzylphthalate
Concen: 45.660 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

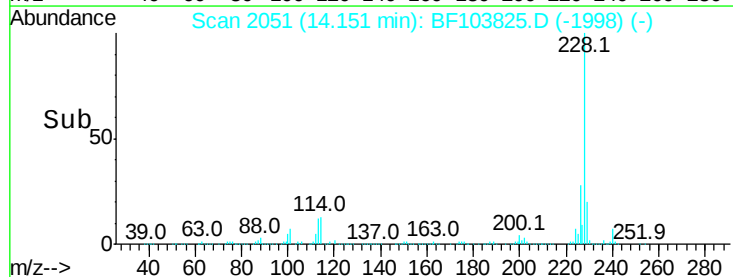
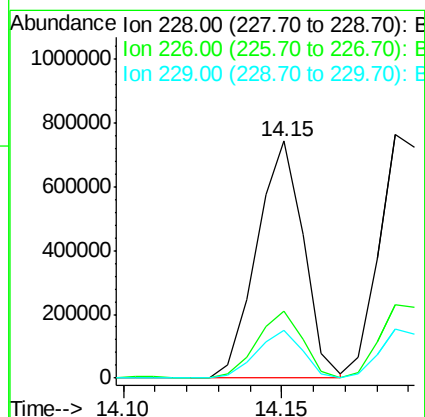
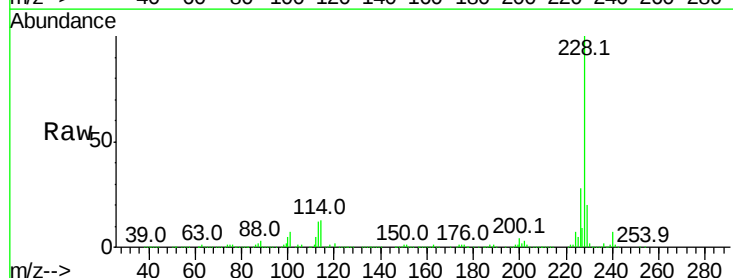
Instrument :
BNA_F
ClientSampleId :

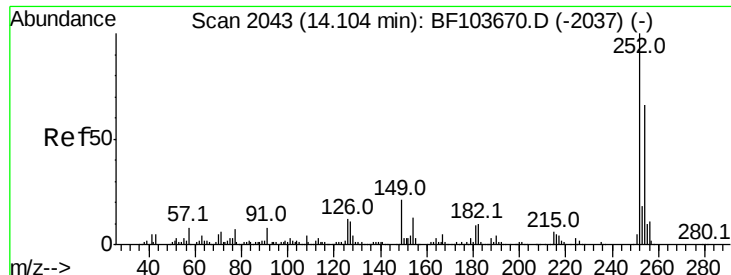
Tot Ion:149 Resp: 445172
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.009 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:228 Resp: 758858
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.0 15.8 23.6

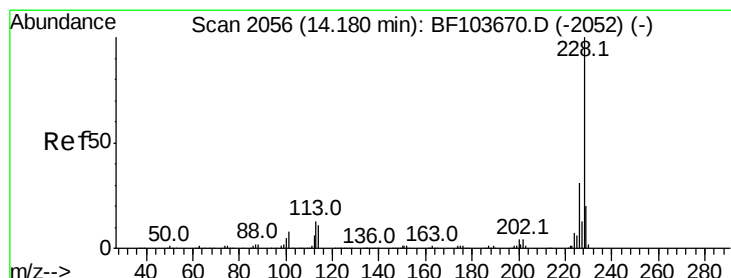
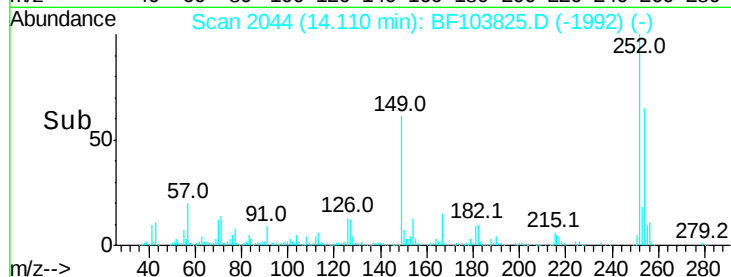
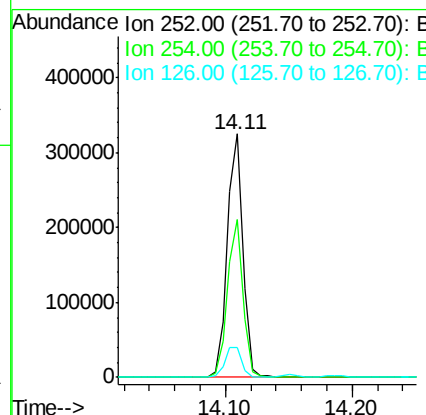
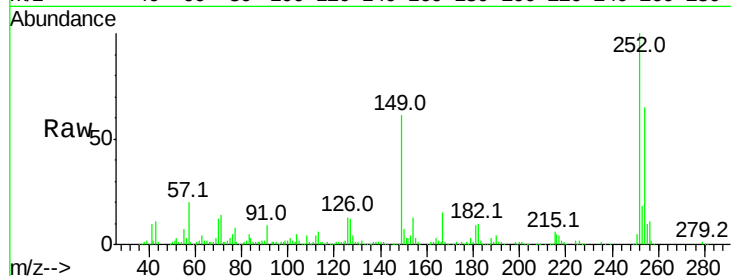




#81
 3,3'-Dichlorobenzidine
 Concen: 44.238 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

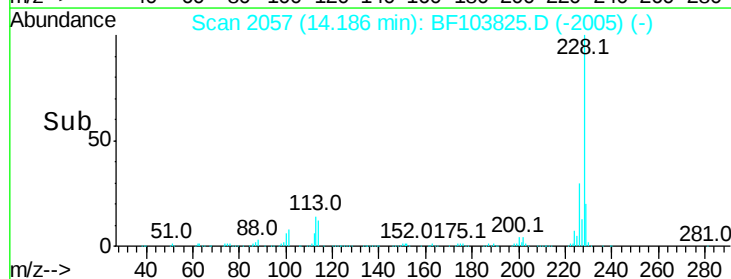
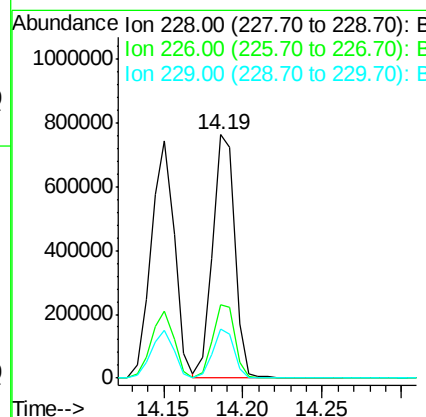
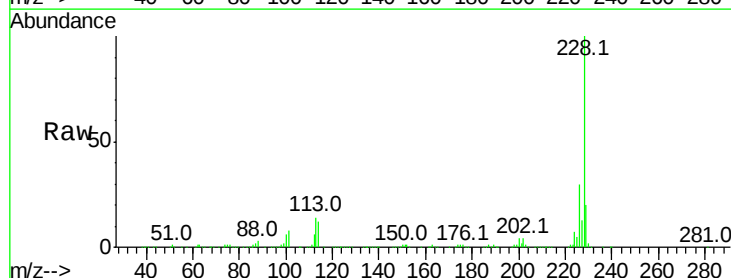
Instrument :
 BNA_F
 ClientSampleId :

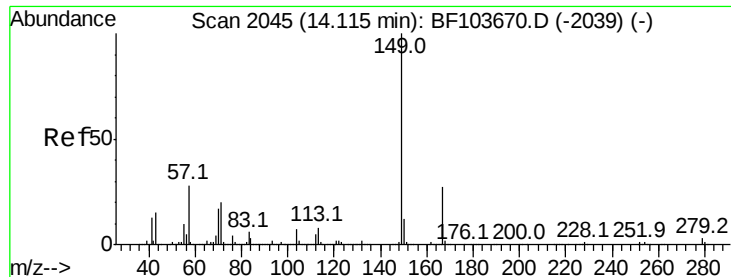
Tot Ion:252 Resp: 280666
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 41.455 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103825.D
 Acq: 21 Mar 2018 2:20

Tgt Ion:228 Resp: 749538
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.030 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

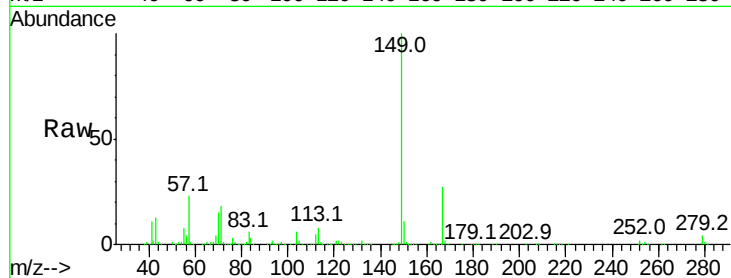
Tot Ion:149 Resp: 627189

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

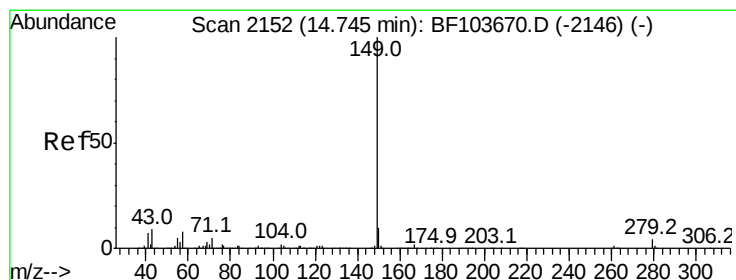
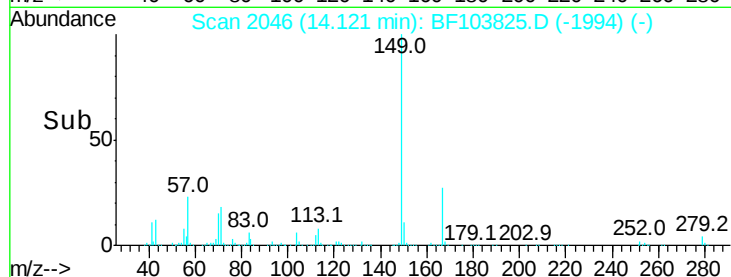
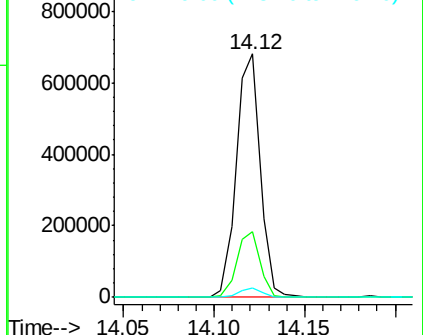
279 3.8 3.0 4.4



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: 48.352 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

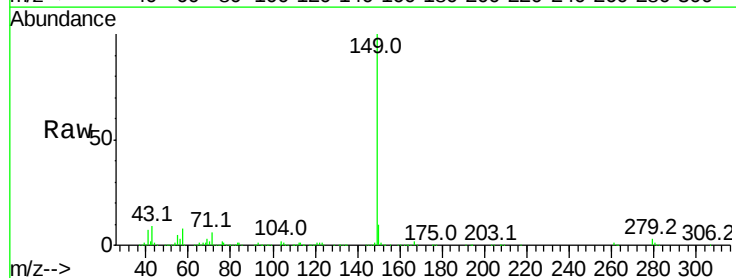
Tgt Ion:149 Resp: 979758

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

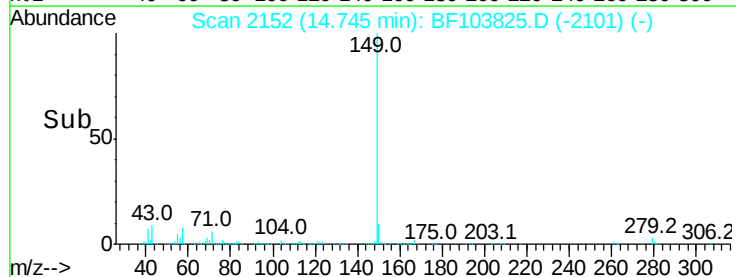
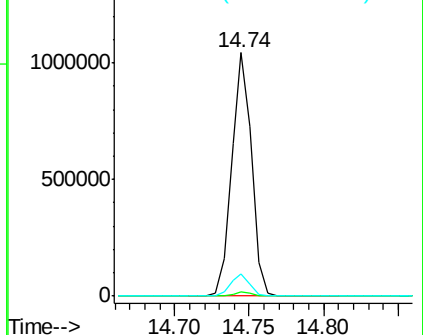
43 8.8 8.4 12.6

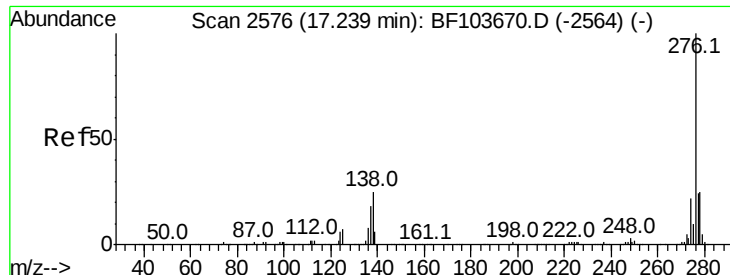


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.107 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.04 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

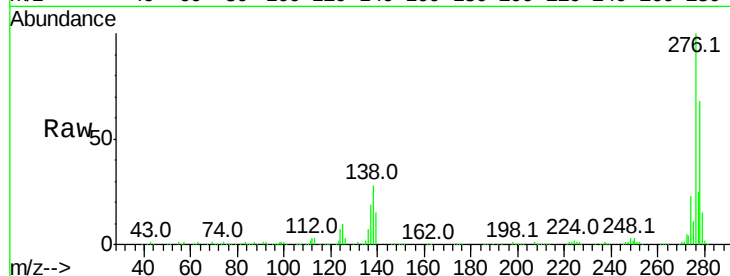
Tot Ion:276 Resp: 554337

Ion Ratio Lower Upper

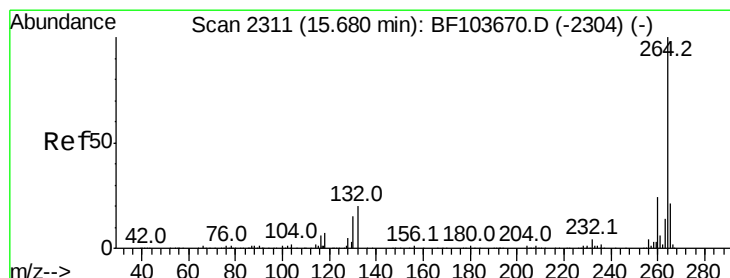
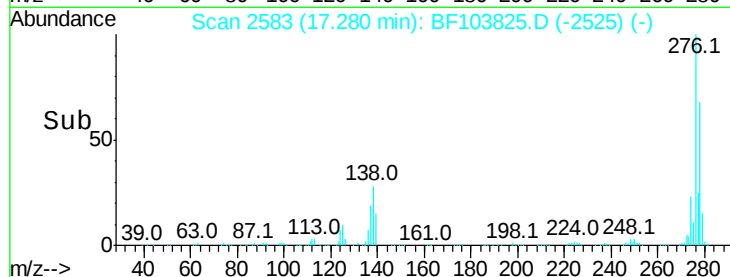
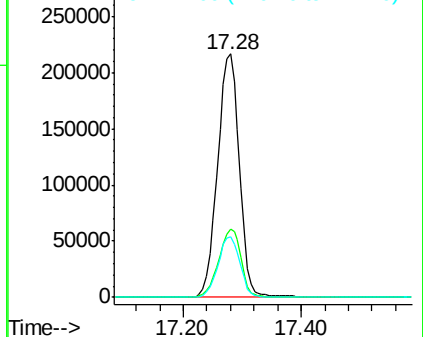
276 100

138 28.9 25.0 37.6

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

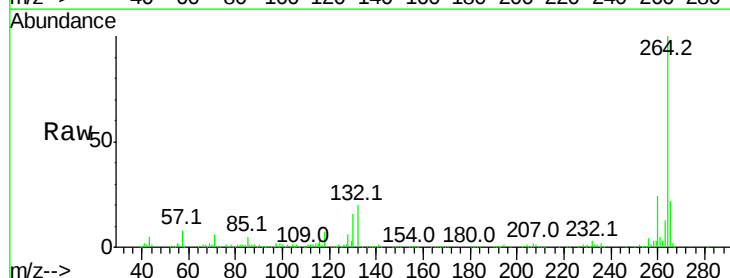
Tgt Ion:264 Resp: 269776

Ion Ratio Lower Upper

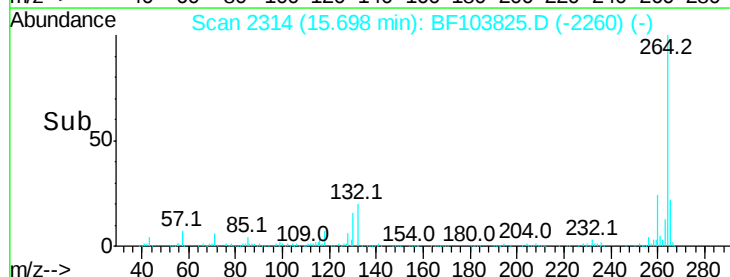
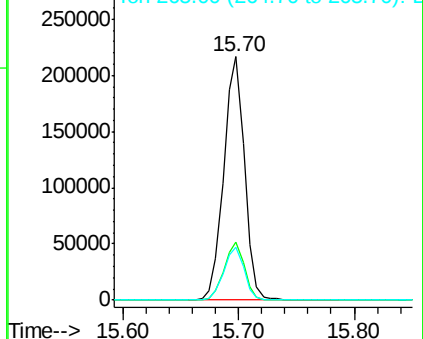
264 100

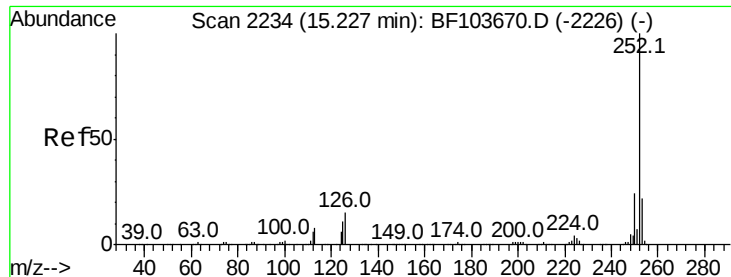
260 23.9 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

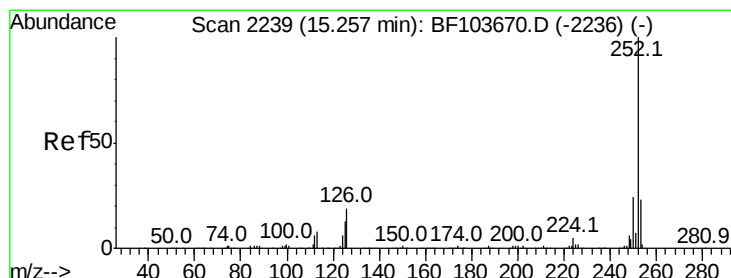
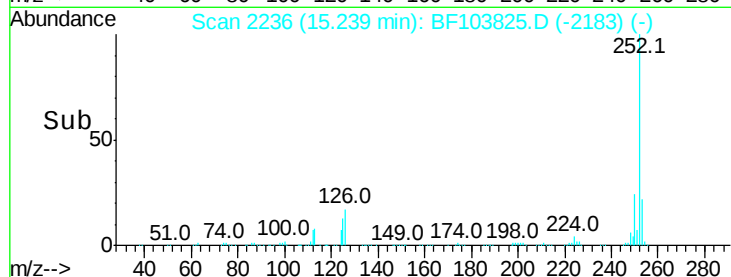
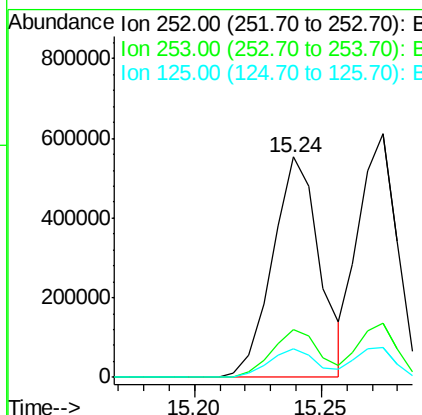
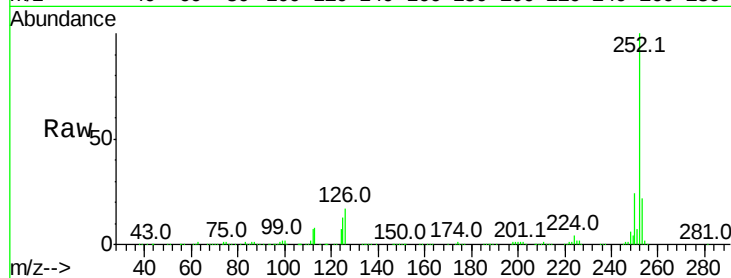




#87
Benzo(b)fluoranthene
Concen: 41.934 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

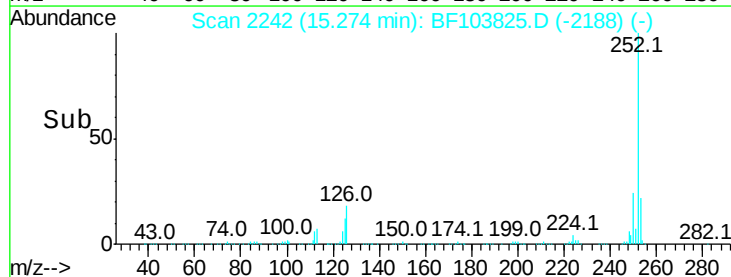
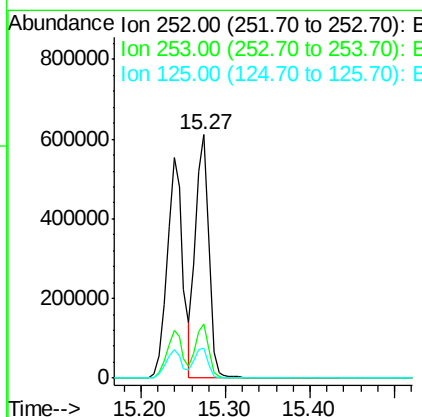
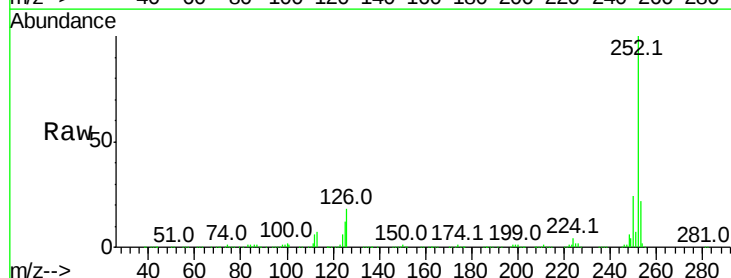
Instrument :
BNA_F
ClientSampleId :

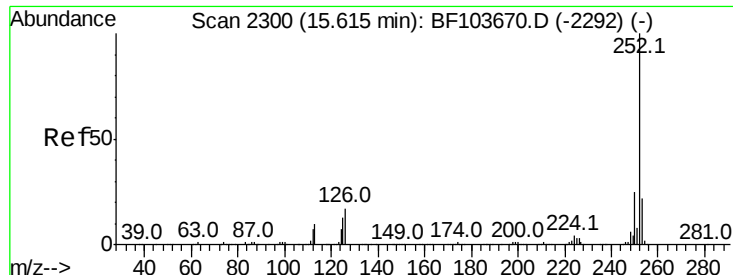
Tot Ion:252 Resp: 714707
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.130 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:252 Resp: 657472
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.4 10.2 15.2

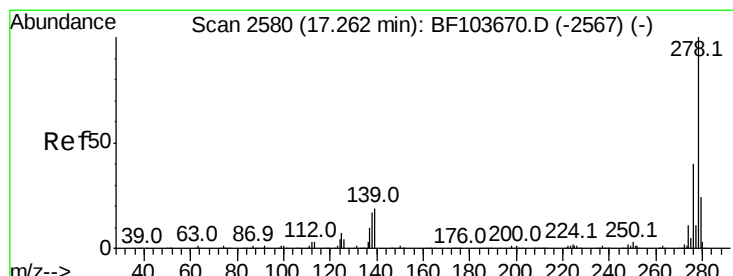
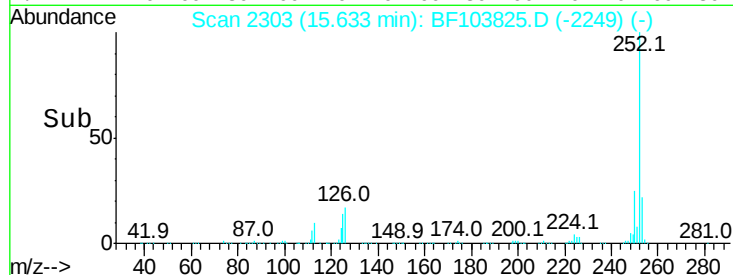
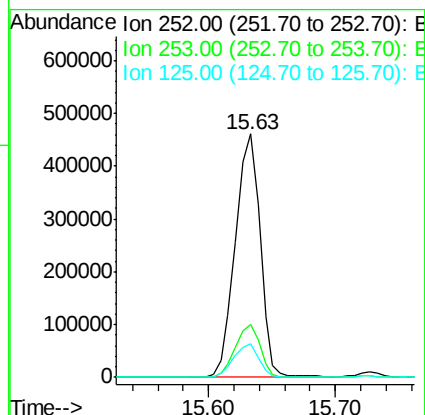
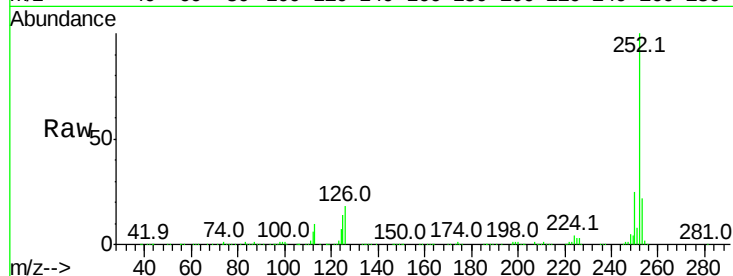




#89
Benzo(a)pyrene
Concen: 40.471 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

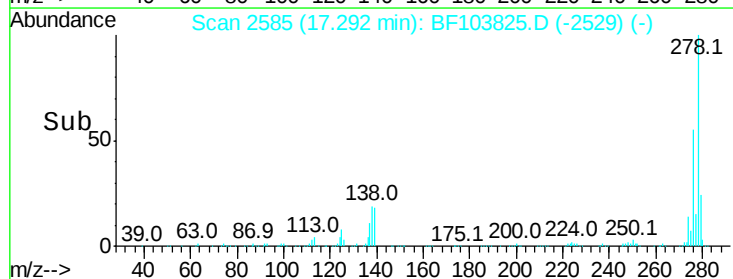
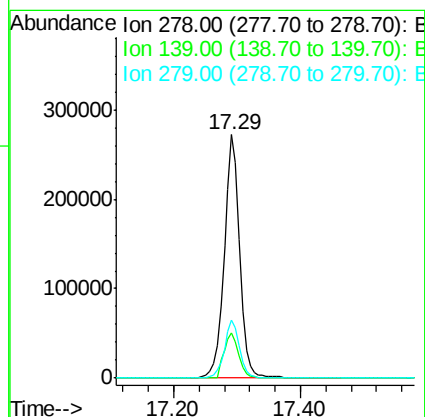
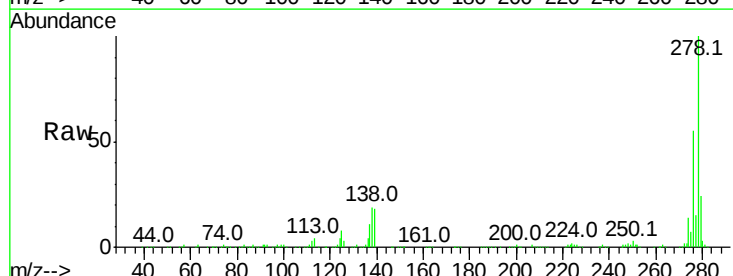
Instrument :
BNA_F
ClientSampleId :

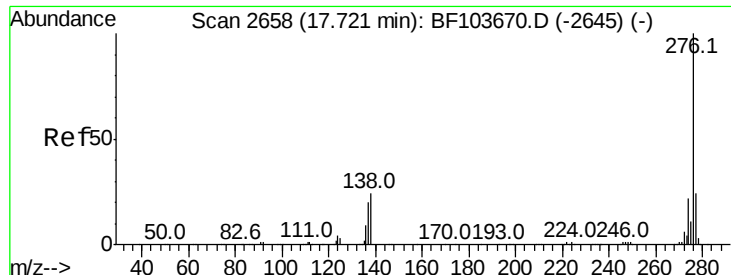
Tot Ion:252 Resp: 625634
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.924 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF103825.D
Acq: 21 Mar 2018 2:20

Tgt Ion:278 Resp: 467492
Ion Ratio Lower Upper
278 100
139 18.5 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.633 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.04 min

Lab File: BF103825.D

Acq: 21 Mar 2018 2:20

Instrument :

BNA_F

ClientSampleId :

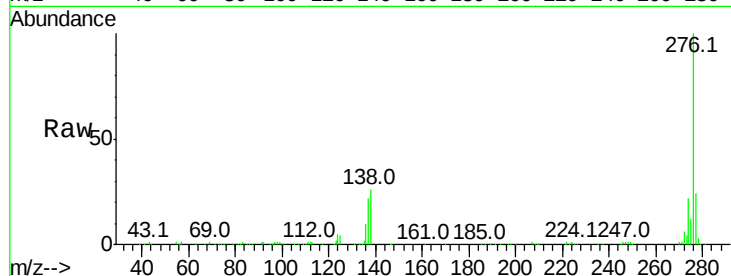
Tot Ion:276 Resp: 437977

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 26.3 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

