

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104140.D
 Acq On : 2 Apr 2018 17:26
 Operator : JU/SJ
 Sample : J2173-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 01:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109456	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	194260	20.00	ng	0.01
38) Acenaphthene-d10	10.00	164	190757	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	278690	20.00	ng	0.00
75) Chrysene-d12	14.15	240	222910	20.00	ng	0.00
86) Perylene-d12	15.70	264	243370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	218023	31.77	ng	0.03
7) Phenol-d6	6.61	99	194926	23.08	ng	0.01
23) Nitrobenzene-d5	7.53	82	400916	126.21	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	158363	74.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	811502	67.08	ng	0.00
78) Terphenyl-d14	13.08	244	471886	48.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	14789	4.996	ng	95
3) Pyridine	3.66	79	15320	2.044	ng	88
6) Aniline	6.65	93	107362	10.621	ng	# 48
9) Benzaldehyde	6.51	77	45886	7.992	ng	# 1
10) Phenol	6.63	94	89296	9.544	ng	78
11) bis(2-Chloroethyl)ether	6.65	93	107362	13.316	ng	# 49
15) Benzyl Alcohol	7.14	79	14264	2.598	ng	# 1
17) 2-Methylphenol	7.22	107	120170	19.611	ng	96
18) Hexachloroethane	7.52	117	333864	109.961	ng	# 4
20) 3+4-Methylphenols	7.38	107	225527	28.838	ng	96
22) Acetophenone	7.39	105	42944	9.137	ng	# 39
24) Nitrobenzene	7.52	77	20407	6.106	ng	# 6
25) Isophorone	7.53	82	397648	67.928	ng	# 64
27) 2,4-Dimethylphenol	7.93	122	507373	201.653	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	7620	2.077	ng	# 1
31) Naphthalene	8.30	128	9761039	1028.531	ng	98
32) Benzoic acid	8.07	122	370749	201.145	ng	# 14
33) 4-Chloroaniline	8.30	127	1418672	354.580	ng	# 35
36) 4-Chloro-3-methylphenol	8.82	107	9850	3.544	ng	# 37
37) 2-Methylnaphthalene	8.97	142	1836612	293.797	ng	97
45) 1,1'-Biphenyl	9.42	154	623297	38.071	ng	99
47) 2-Nitroaniline	9.57	65	15988	4.342	ng	# 33
48) Acenaphthylene	9.86	152	71489	3.654	ng	# 90
49) Dimethylphthalate	9.72	163	52531	3.488	ng	# 94
51) Acenaphthene	10.05	154	1070702	94.600	ng	99
53) 2,4-Dinitrophenol	10.15	184	6308	9.721	ng	# 4
54) Dibenzofuran	10.22	168	1269040	76.781	ng	97
55) 4-Nitrophenol	10.22	139	493881	221.138	ng	# 11
57) Fluorene	10.56	166	524817	38.494	ng	99
61) 4-Nitroaniline	10.56	138	8126	2.332	ng	89
64) 4,6-Dinitro-2-methylphenol	10.62	198	4648	2.755	ng	# 22
65) n-Nitrosodiphenylamine	10.61	169	58222	6.169	ng	91
66) 4-Bromophenyl-phenylether	10.80	248	9869	3.310	ng	# 1
70) Phenanthrene	11.53	178	549152	36.395	ng	99

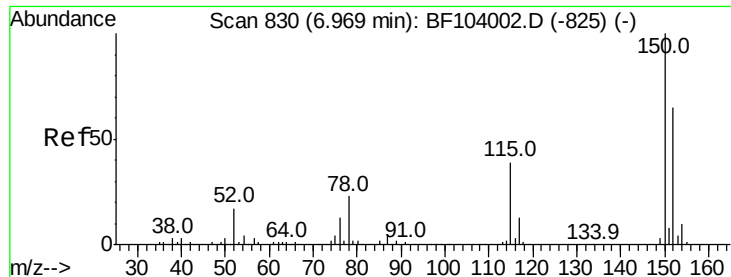
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104140.D
Acq On : 2 Apr 2018 17:26
Operator : JU/SJ
Sample : J2173-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 03 01:05:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.53	178	549152	34.844	ng	99
72) Carbazole	11.74	167	542358	36.056	ng	99

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

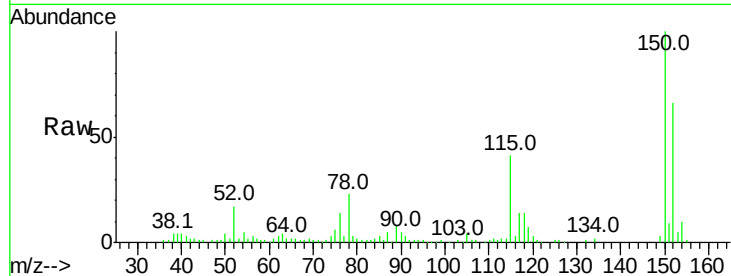


#1

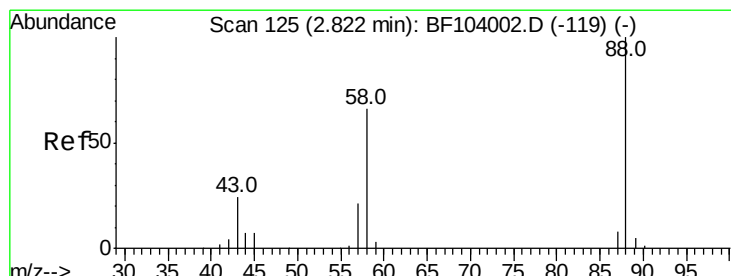
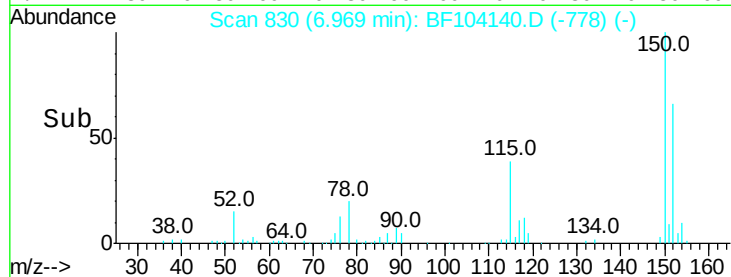
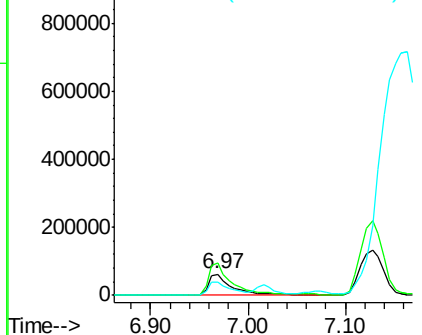
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109456
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 61.6 50.1 75.1



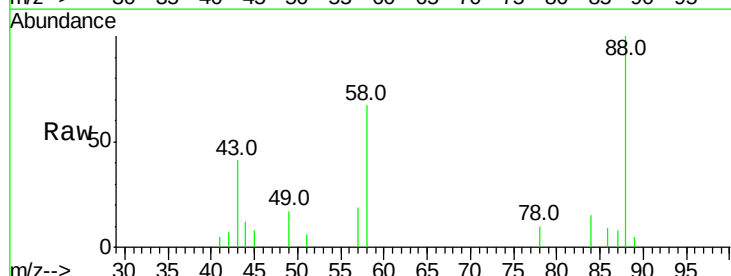
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



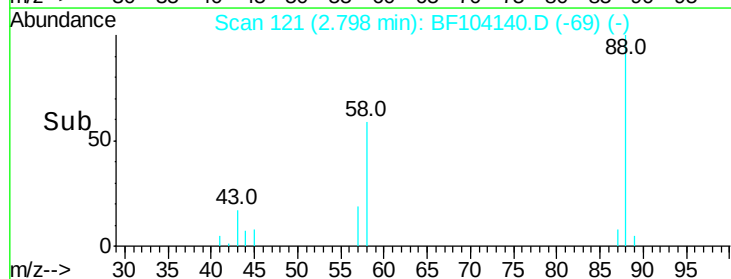
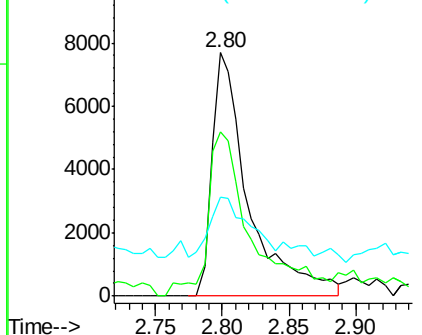
#2

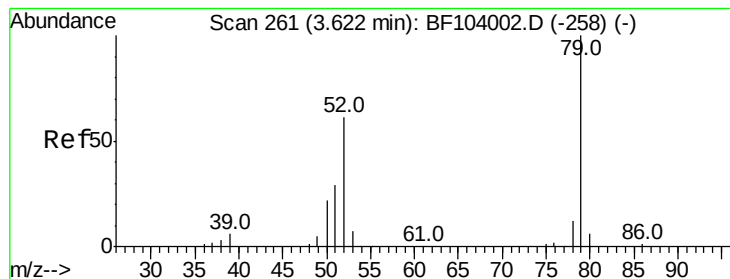
1,4-Dioxane
Concen: 4.996 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Tgt Ion: 88 Resp: 14789
Ion Ratio Lower Upper
88 100
58 80.5 62.6 93.8
43 25.6 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: 2.044 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.06 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampled :

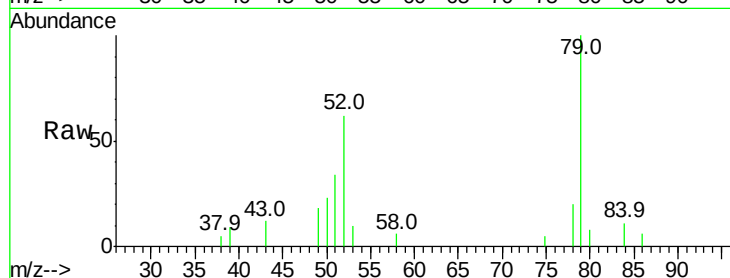
Tot Ion: 79 Resp: 15320

Ion Ratio Lower Upper

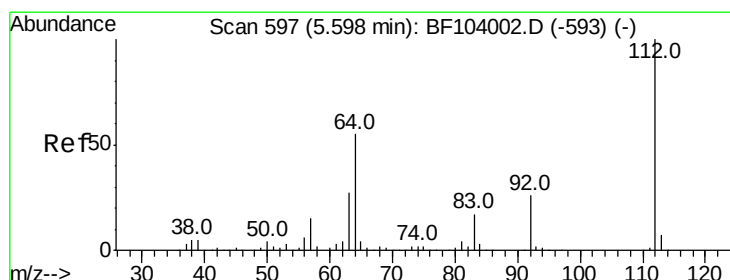
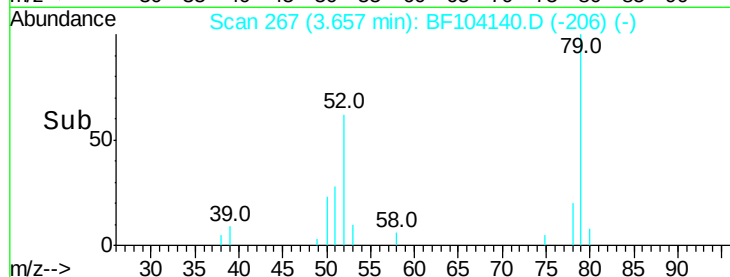
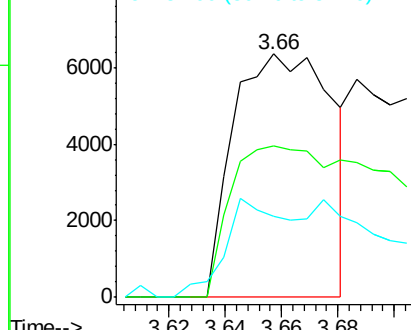
79 100

52 62.1 59.8 89.6

51 33.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 31.765 ng

RT: 5.62 min Scan# 600

Delta R.T. 0.03 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

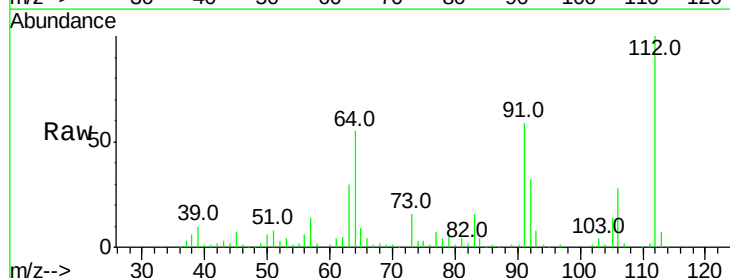
Tgt Ion: 112 Resp: 218023

Ion Ratio Lower Upper

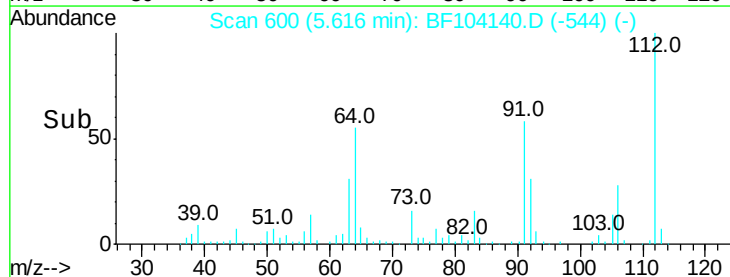
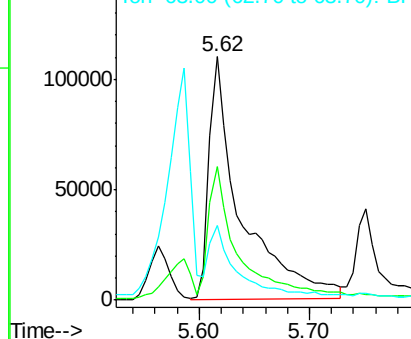
112 100

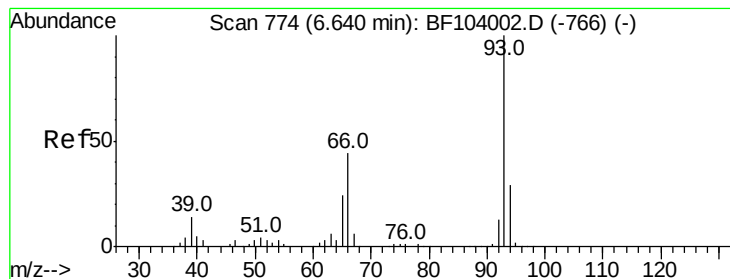
64 55.0 47.9 71.9

63 30.5 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: 10.621 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.02 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampled :

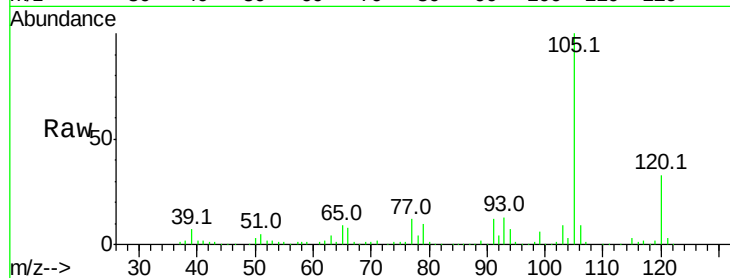
Tot Ion: 93 Resp: 107362

Ion Ratio Lower Upper

93 100

66 58.0 32.2 48.2#

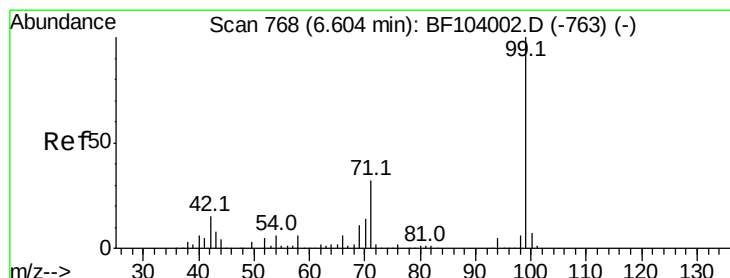
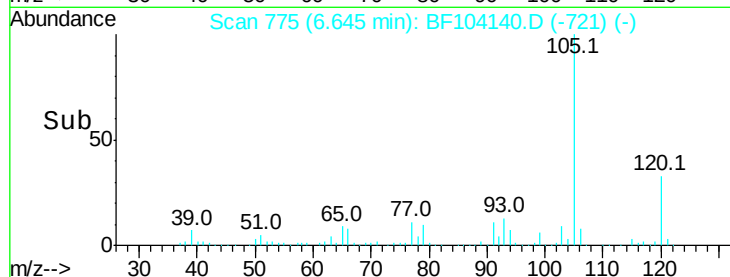
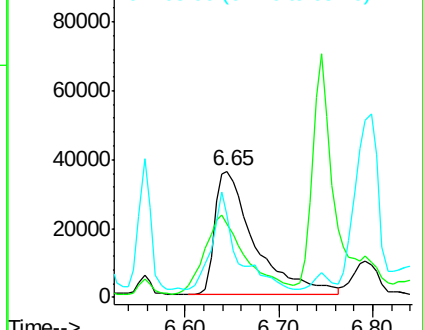
65 65.6 16.4 24.6#



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: 23.084 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

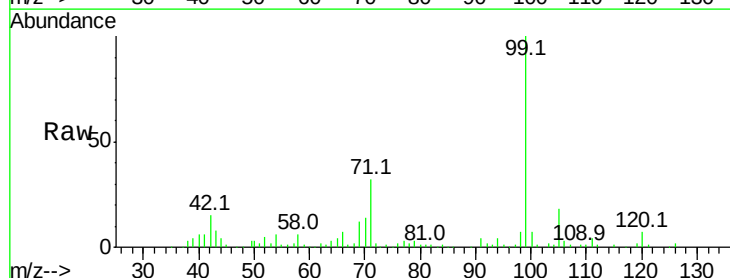
Tgt Ion: 99 Resp: 194926

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

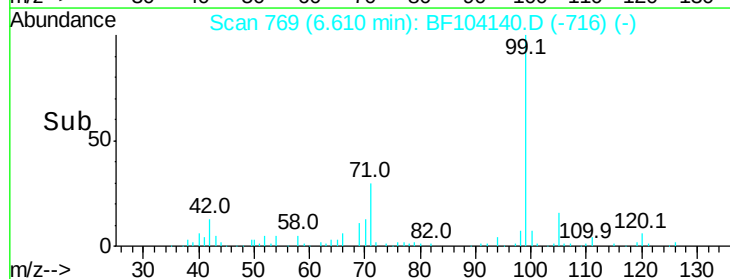
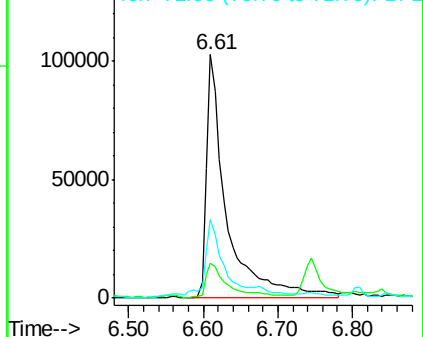
71 32.5 25.4 38.0

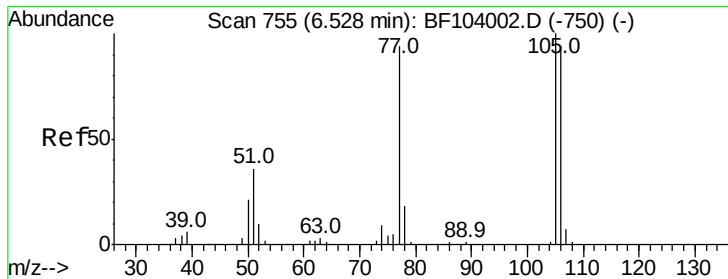


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 7.992 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampled :

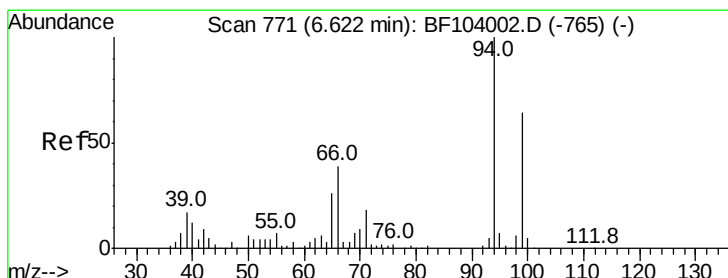
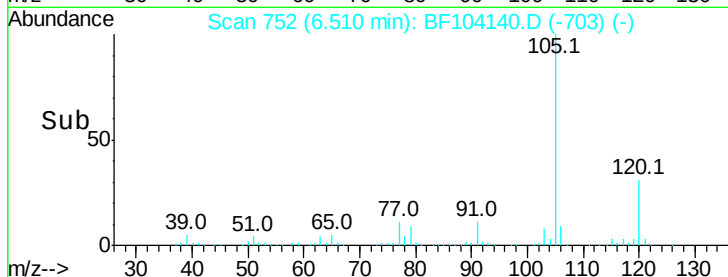
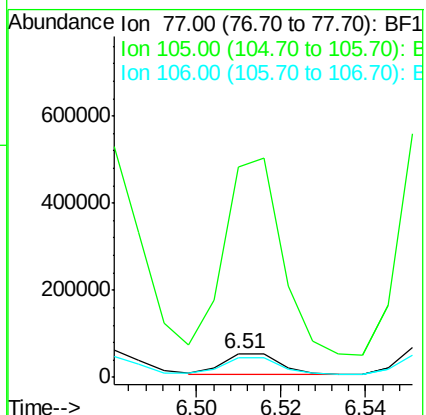
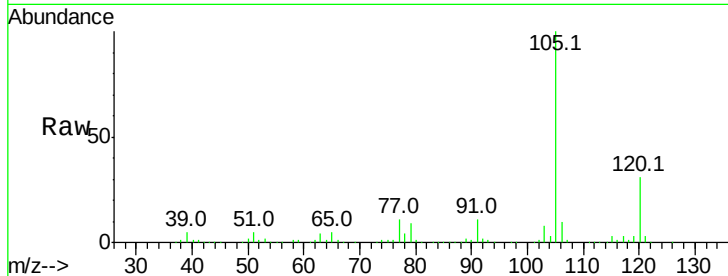
Tot Ion: 77 Resp: 45886

Ion Ratio Lower Upper

77 100

105 893.6 81.1 121.1#

106 86.0 74.5 114.5



#10

Phenol

Concen: 9.544 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

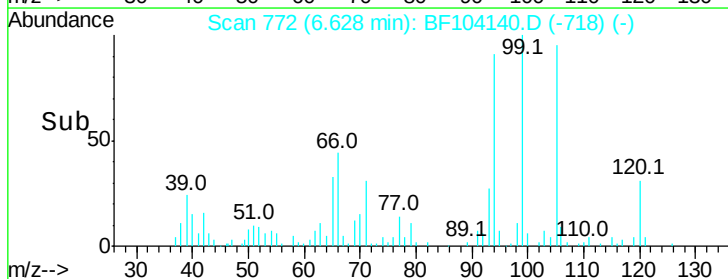
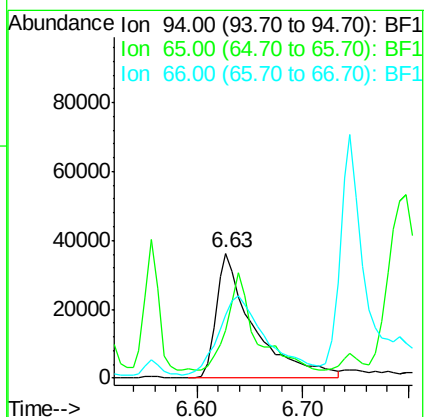
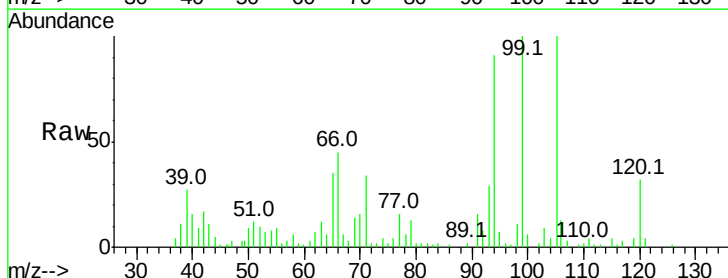
Tgt Ion: 94 Resp: 89296

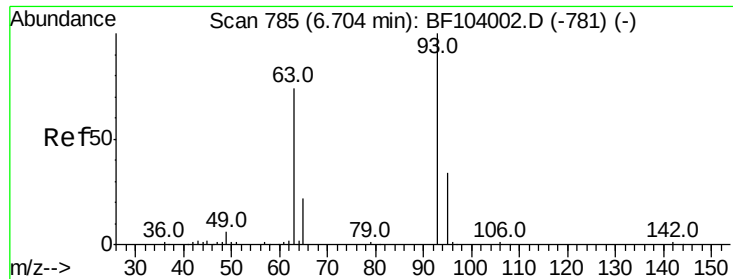
Ion Ratio Lower Upper

94 100

65 38.6 7.9 47.9

66 50.1 16.2 56.2

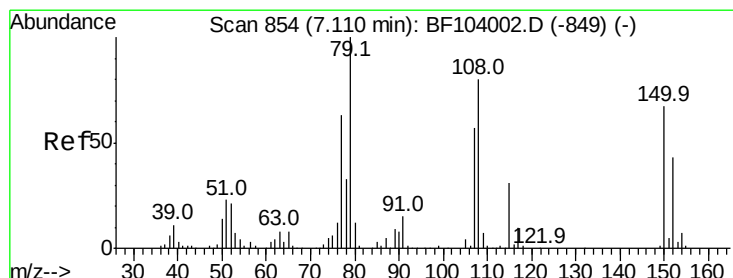
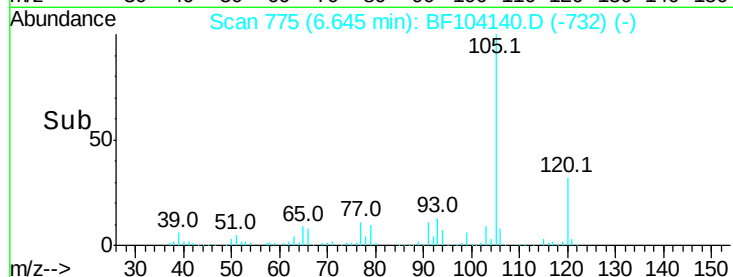
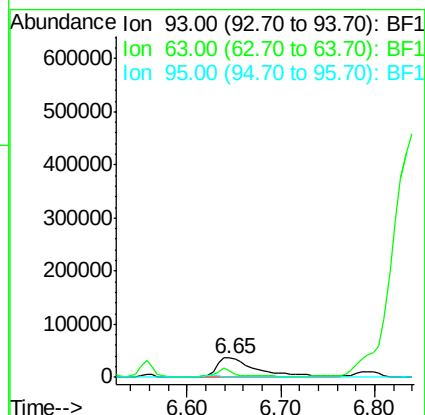
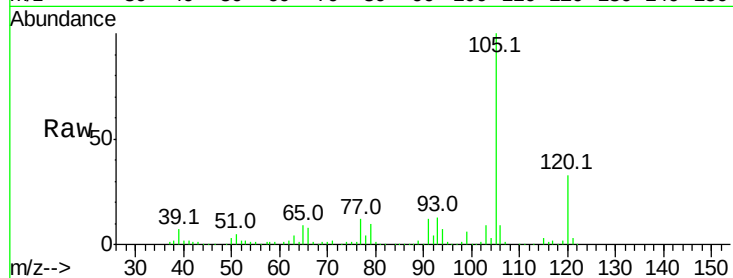




#11
bis(2-Chloroethyl)ether
Concen: 13.316 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

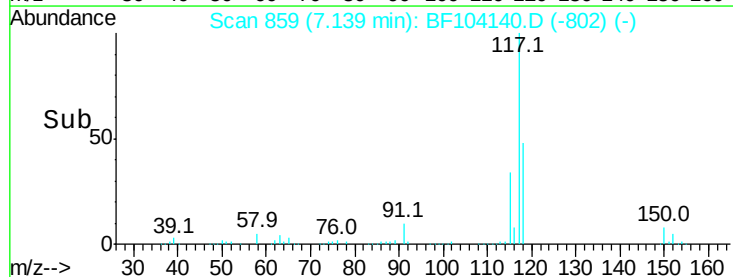
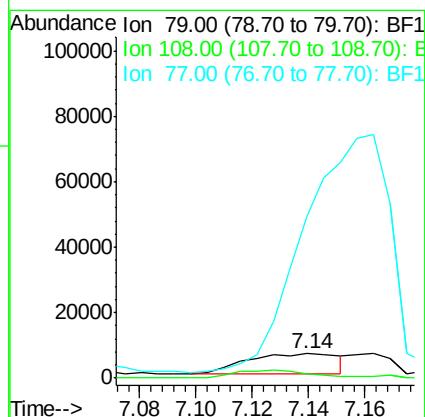
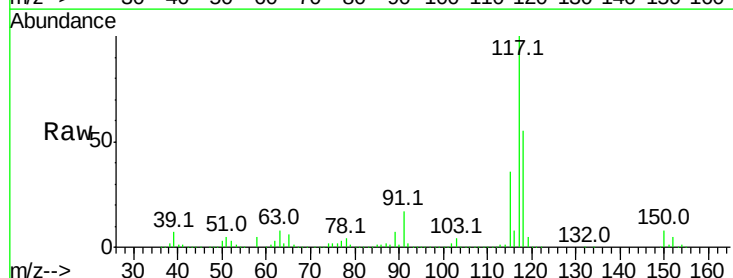
Instrument :
BNA_F
ClientSampleId :

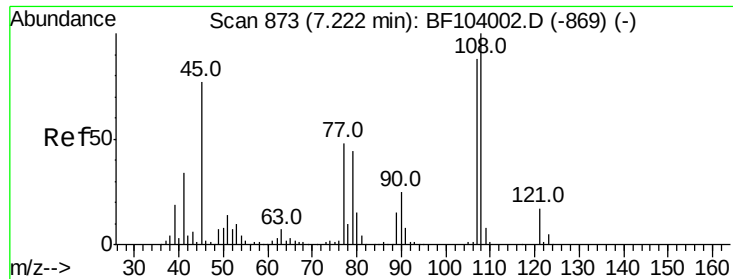
Tot Ion: 93 Resp: 107362
Ion Ratio Lower Upper
93 100
63 33.2 58.6 98.6#
95 3.9 11.8 51.8#



#15
Benzyl Alcohol
Concen: 2.598 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.04 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Tgt Ion: 79 Resp: 14264
Ion Ratio Lower Upper
79 100
108 18.1 65.1 97.7#
77 669.4 50.6 75.8#





#17

2-Methylphenol

Concen: 19.611 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 120170

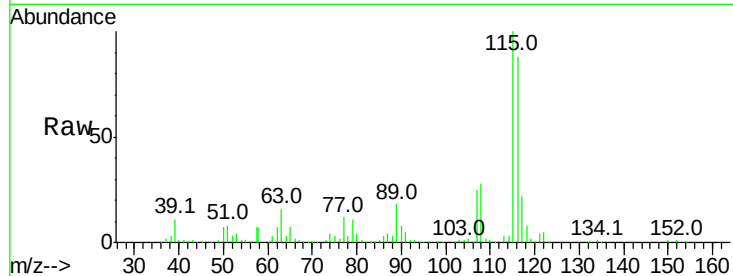
Ion Ratio Lower Upper

107 100

108 110.4 91.7 137.5

77 46.9 33.8 50.8

79 44.3 33.8 50.8

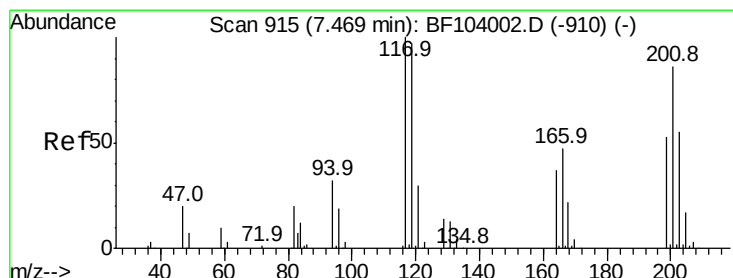
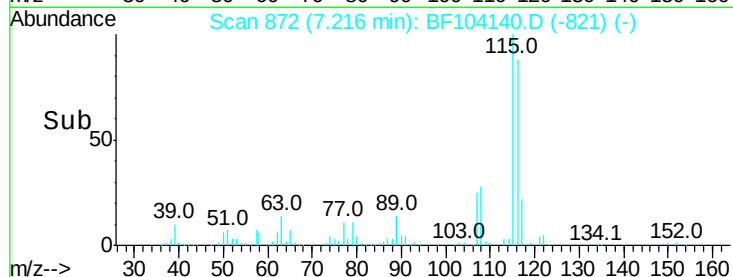
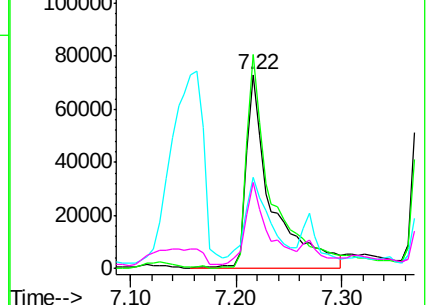


Abundance Ion 107.00 (106.70 to 107.70): E

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: 109.961 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.06 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

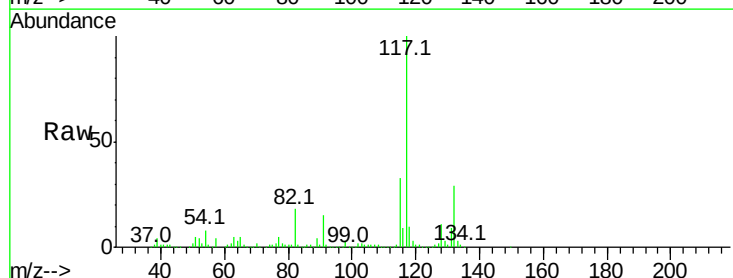
Tgt Ion:117 Resp: 333864

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

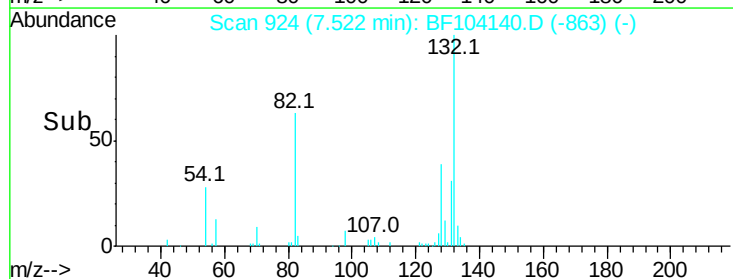
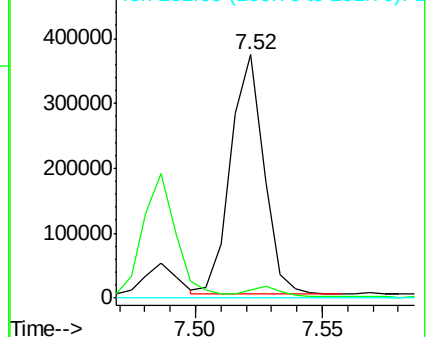
201 0.0 75.7 113.5#

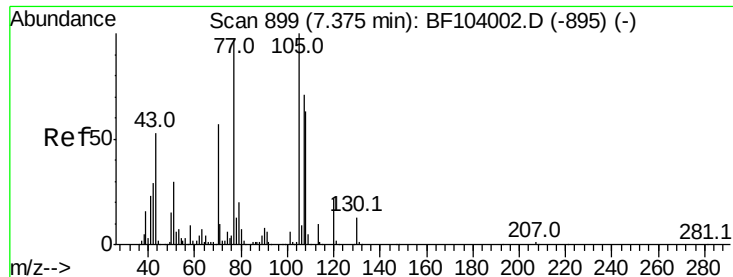


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 28.838 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 225527

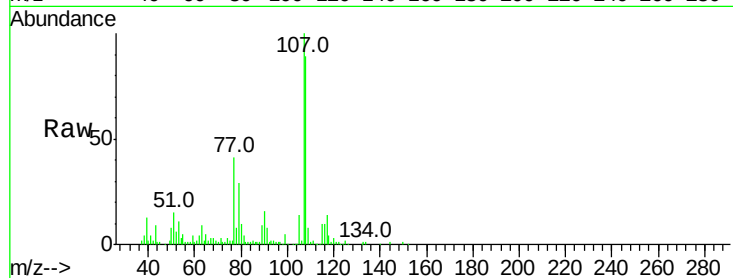
Ion Ratio Lower Upper

107 100

108 88.9 68.2 108.2

77 40.9 26.7 66.7

79 28.5 6.3 46.3

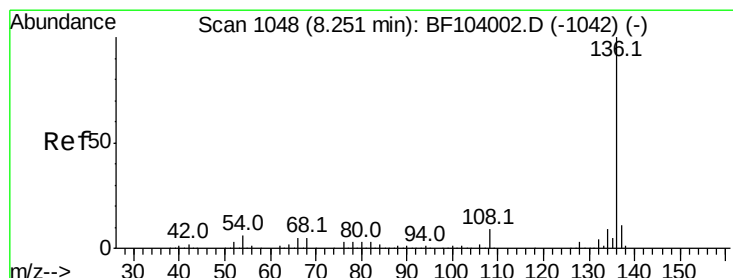
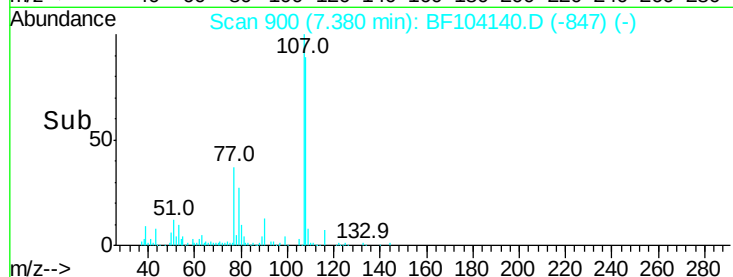
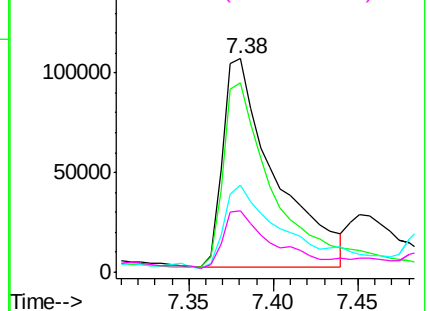


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Tgt Ion:136 Resp: 194260

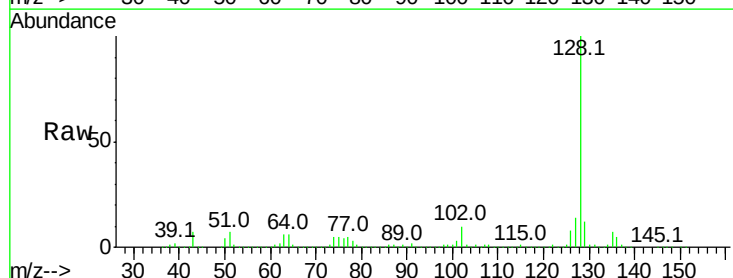
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 6.1 5.0 7.4

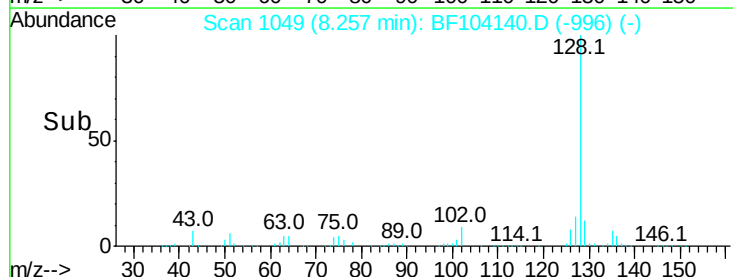
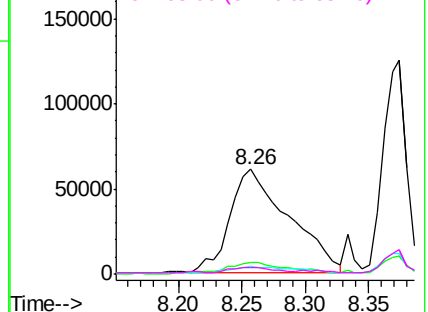


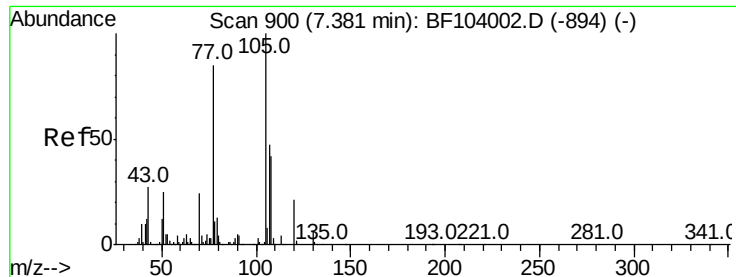
Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.137 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

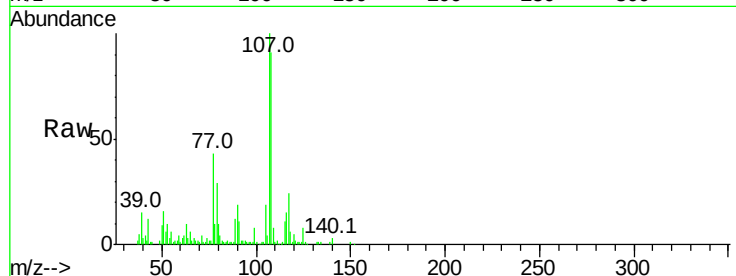
Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

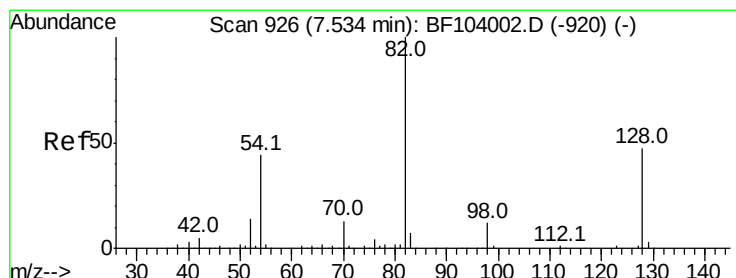
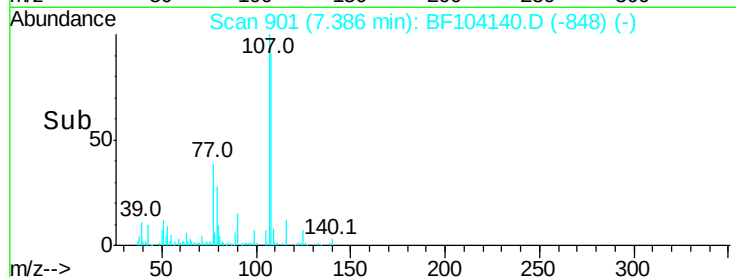
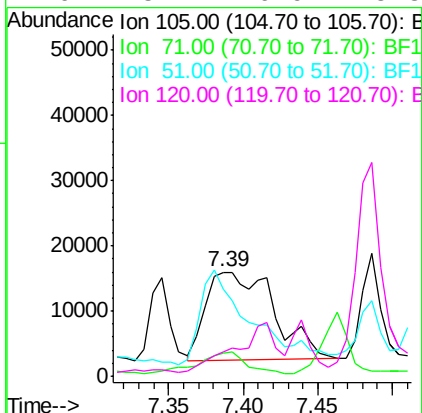
Instrument :

BNA_F

ClientSampled :



Tot Ion:	105	Resp:	42944
Ion	Ratio	Lower	Upper
105	100		
71	22.3	4.4	6.6#
51	83.7	22.3	33.5#
120	23.4	16.9	25.3



#23

Nitrobenzene-d5

Concen: 126.213 ng

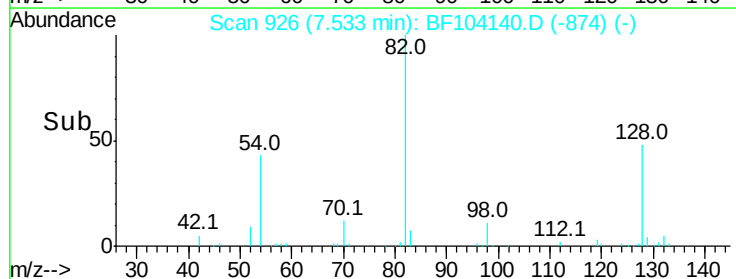
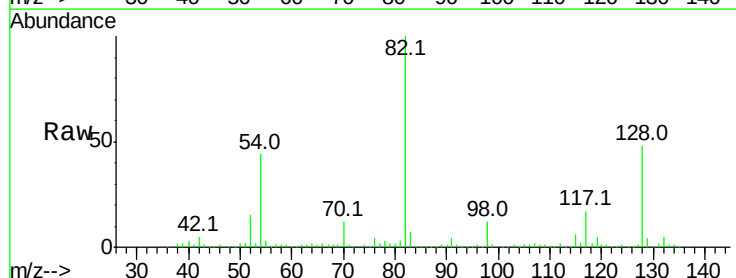
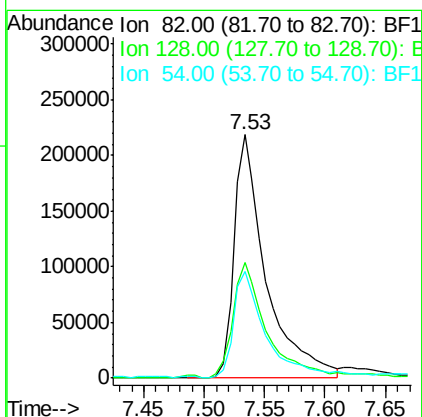
RT: 7.53 min Scan# 926

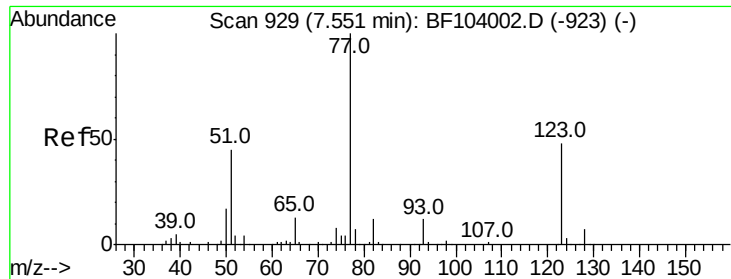
Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Tgt Ion:	82	Resp:	400916
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	44.0	41.4	62.2

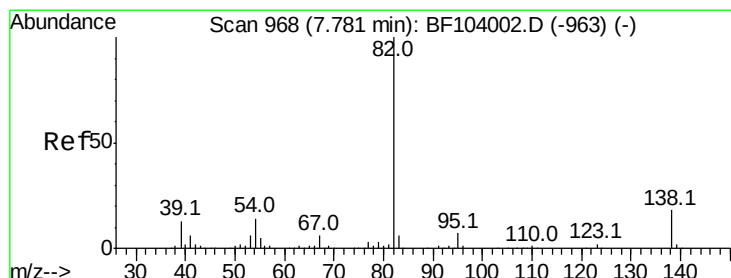
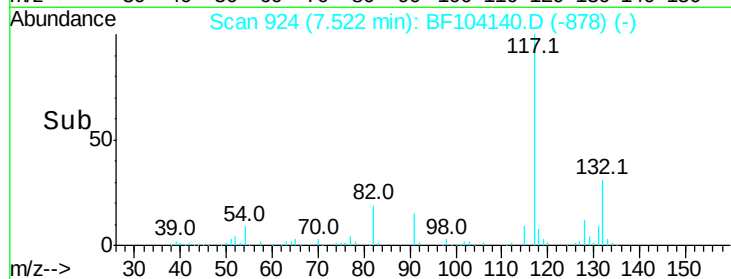
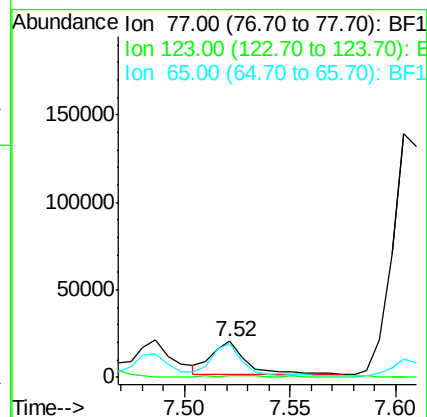
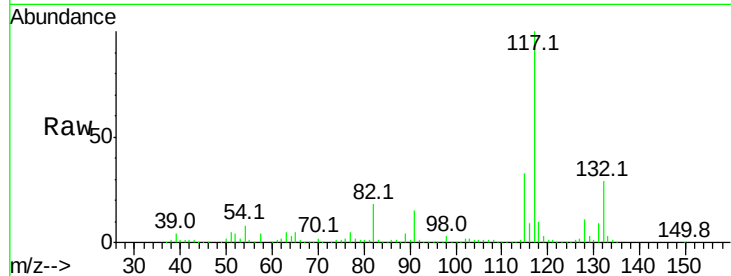




#24
Nitrobenzene
Concen: 6.106 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

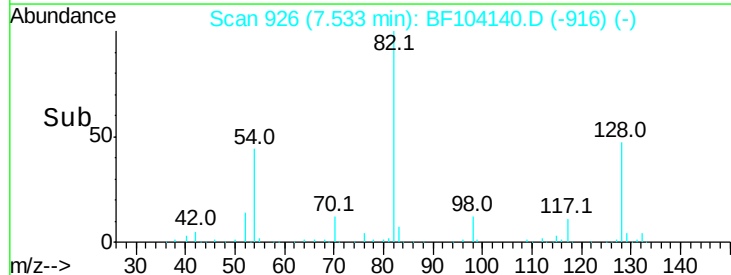
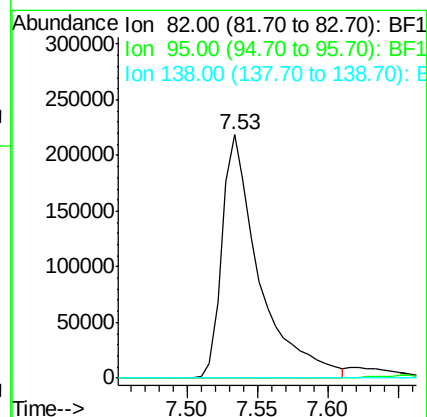
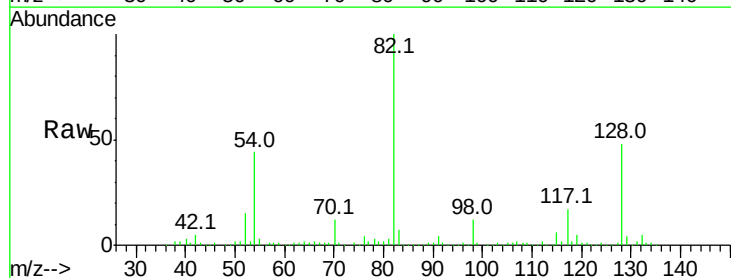
Instrument :
BNA_F
ClientSampleId :

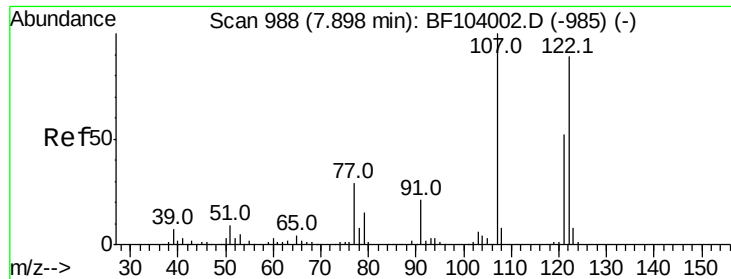
Tot Ion	Ratio	Lower	Upper
77	100		
123	4.2	37.9	56.9#
65	93.4	11.0	16.4#



#25
Isophorone
Concen: 67.928 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.24 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

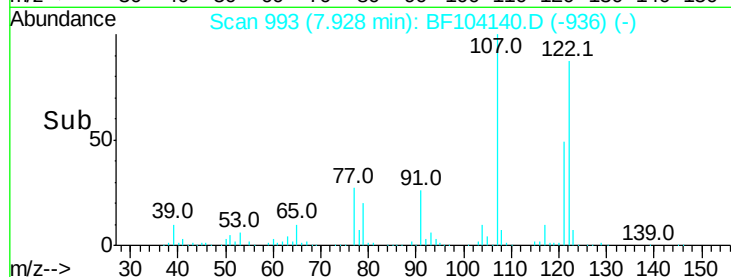
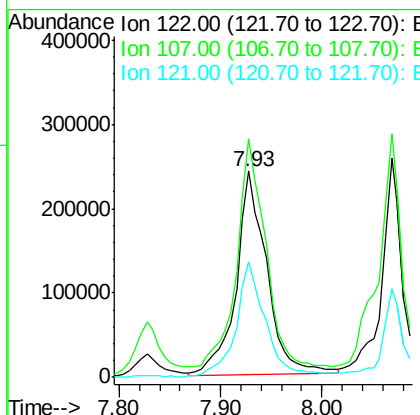
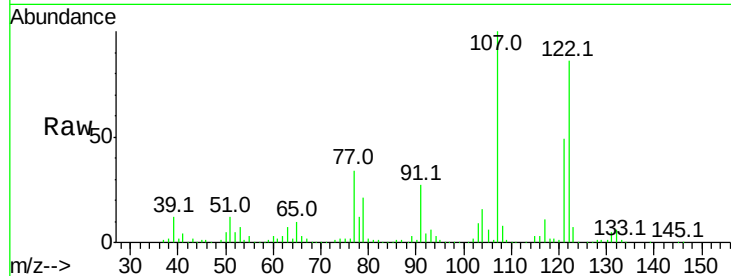




#27
2,4-Dimethylphenol
Concen: 201.653 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

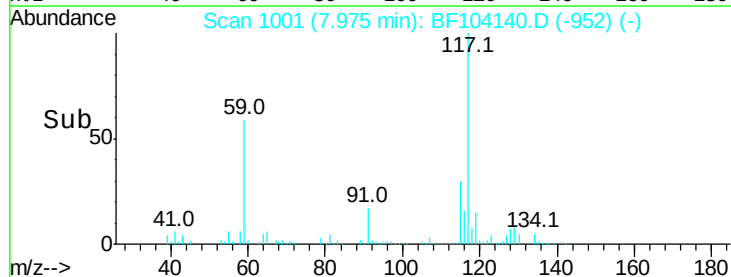
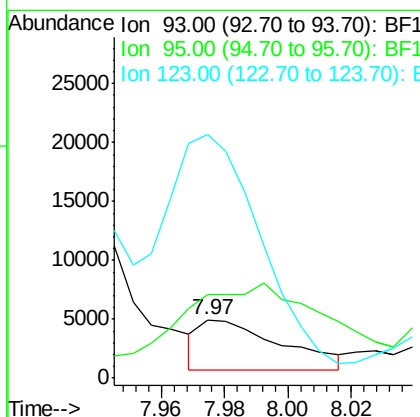
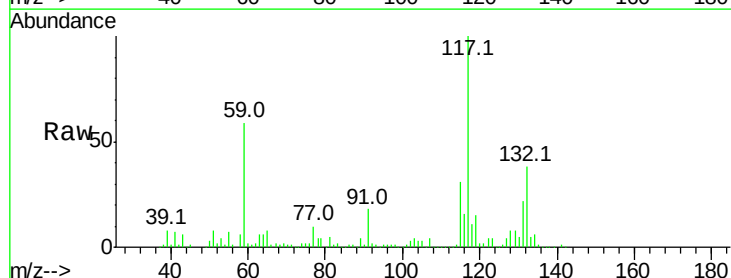
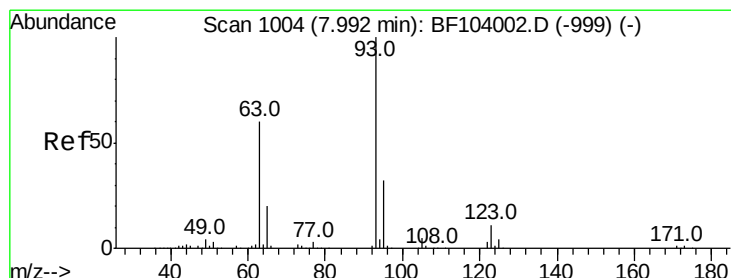
Instrument :
BNA_F
ClientSampleId :

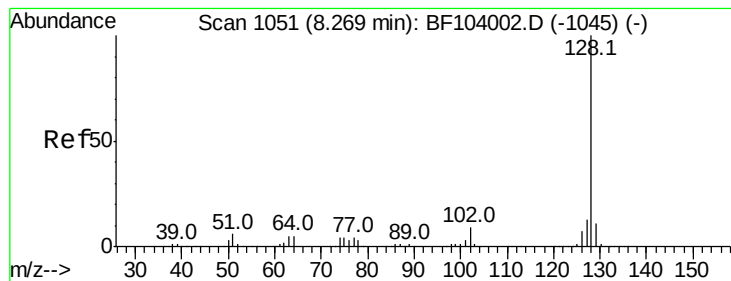
Tot Ion:122 Resp: 507373
Ion Ratio Lower Upper
122 100
107 115.9 91.2 136.8
121 56.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.077 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Tgt Ion: 93 Resp: 7620
Ion Ratio Lower Upper
93 100
95 143.1 26.3 39.5#
123 418.6 9.8 14.6#





#31

Naphthalene

Concen: 1028.531 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.04 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

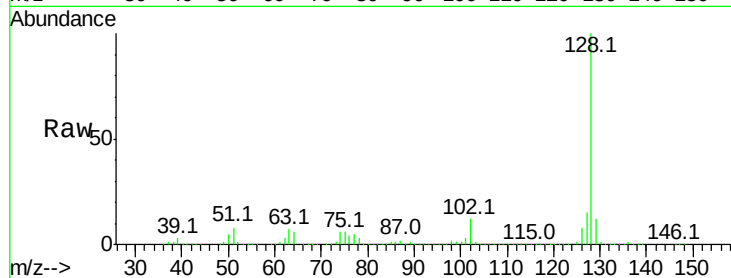
Tot Ion:128 Resp: 9761039

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

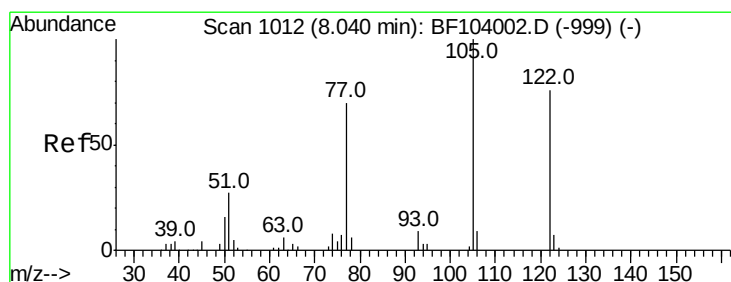
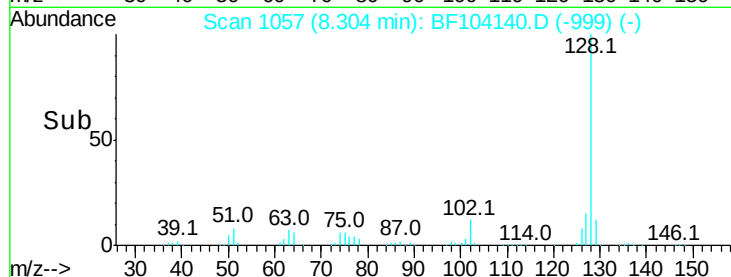
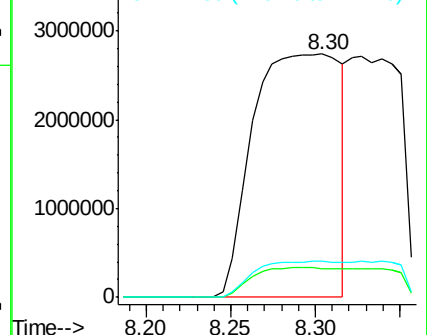
127 14.7 10.9 16.3



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: 201.145 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.04 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

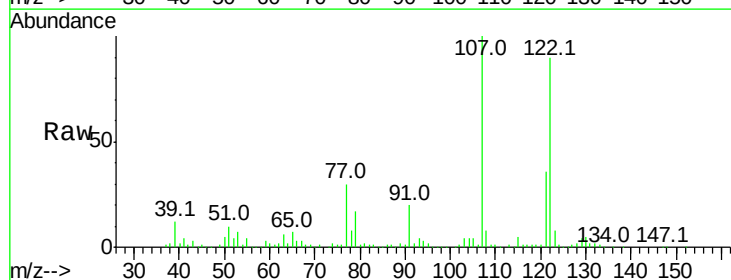
Tgt Ion:122 Resp: 370749

Ion Ratio Lower Upper

122 100

105 4.2 101.1 141.1#

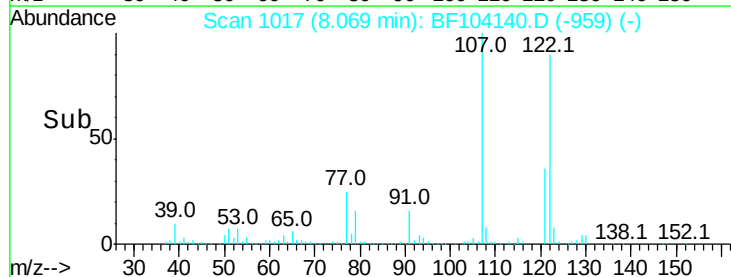
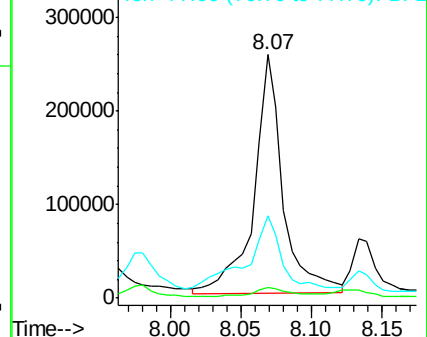
77 33.8 70.7 110.7#

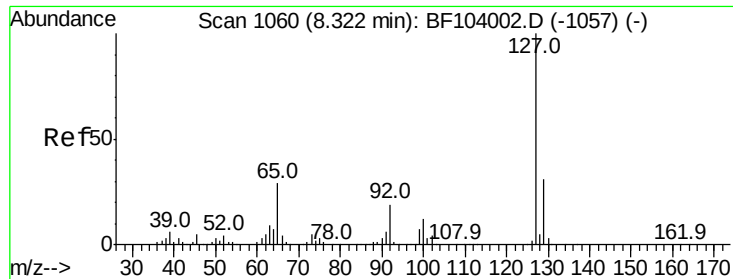


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

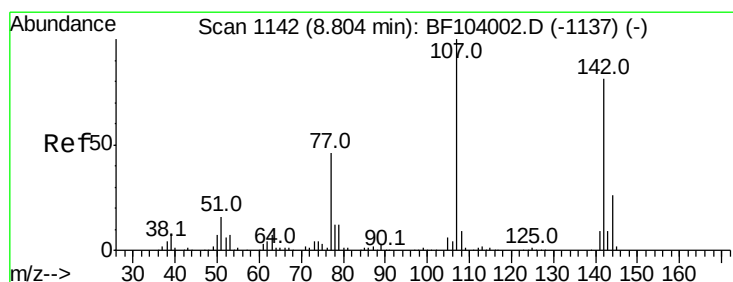
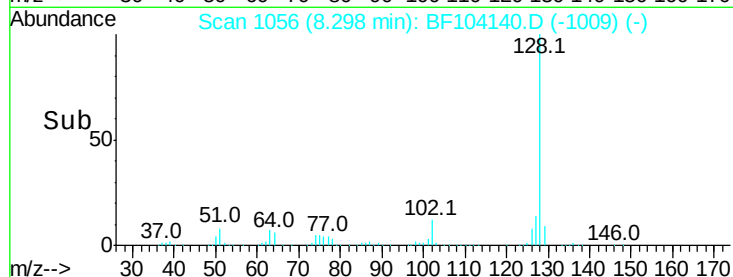
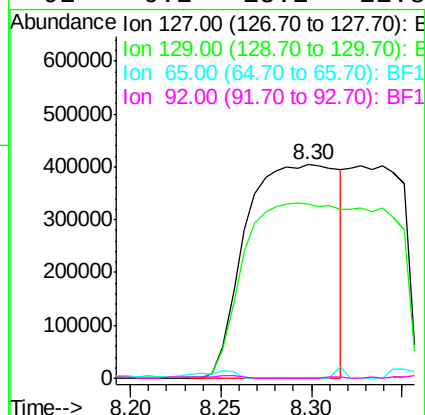
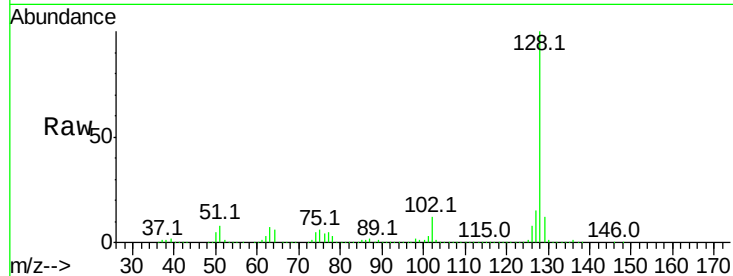




#33
4-Chloroaniline
Concen: 354.580 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

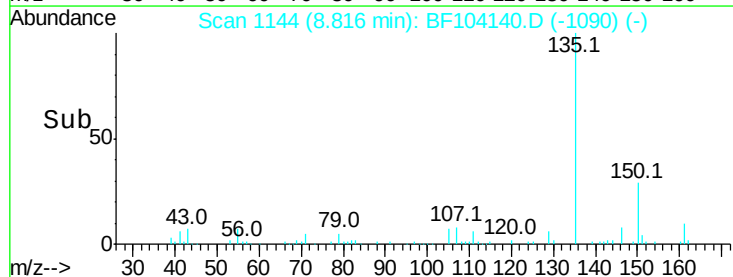
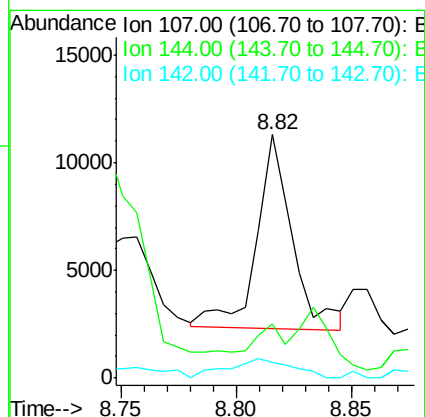
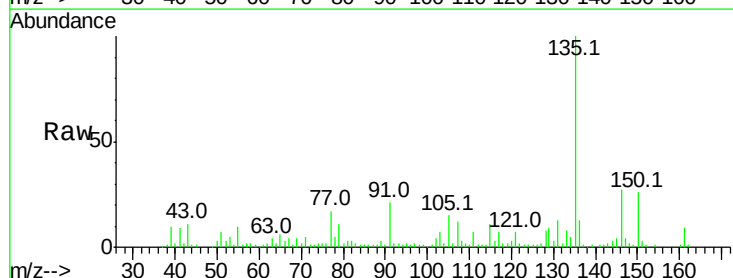
Instrument :
BNA_F
ClientSampleId :

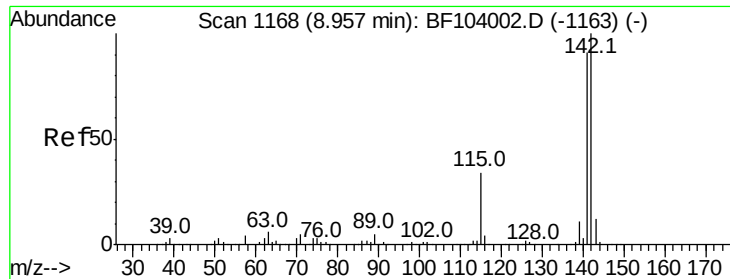
Tot Ion:127 Resp: 1418672
Ion Ratio Lower Upper
127 100
129 81.5 25.9 38.9#
65 0.0 25.0 37.4#
92 0.2 15.2 22.8#



#36
4-Chloro-3-methylphenol
Concen: 3.544 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF104140.D
Acq: 2 Apr 2018 17:26

Tgt Ion:107 Resp: 9850
Ion Ratio Lower Upper
107 100
144 22.3 20.5 30.7
142 6.7 62.0 93.0#

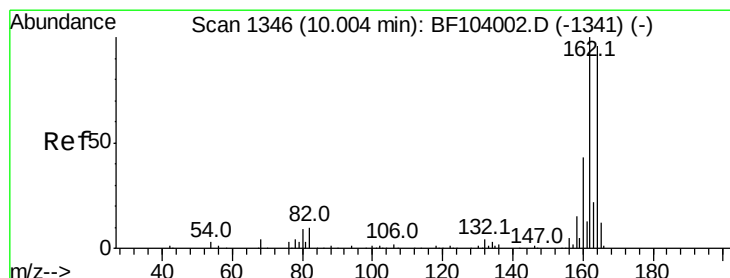
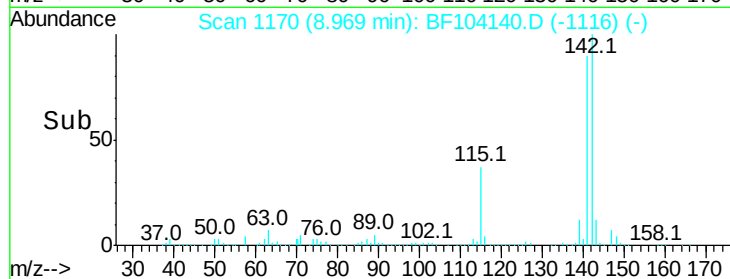
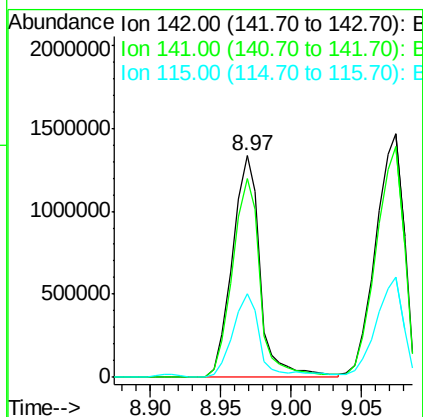
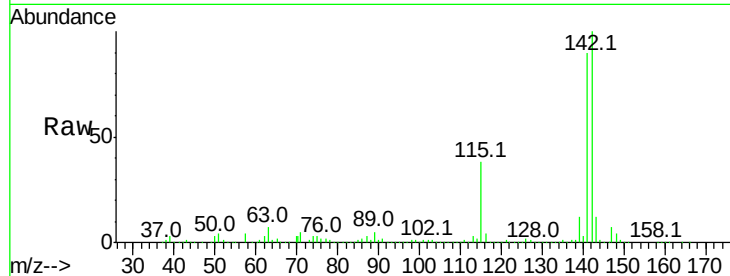




#37
 2-Methylnaphthalene
 Concen: 293.797 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

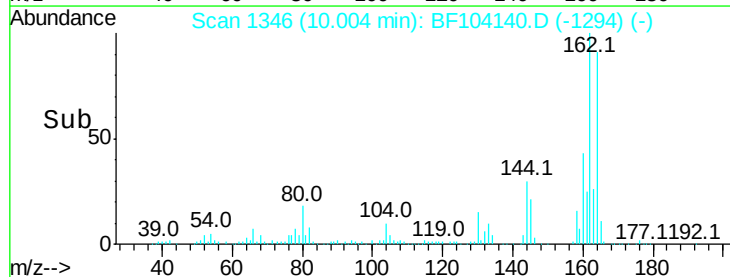
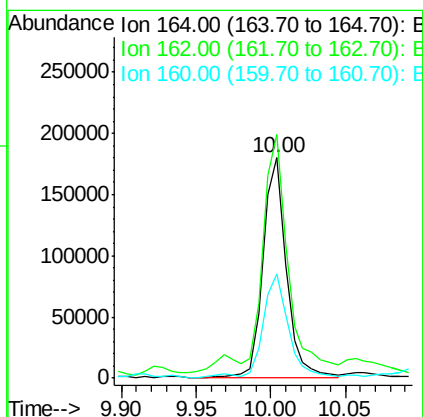
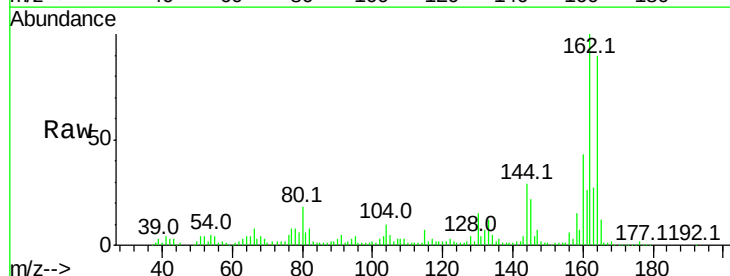
Instrument :
 BNA_F
 ClientSampleId :

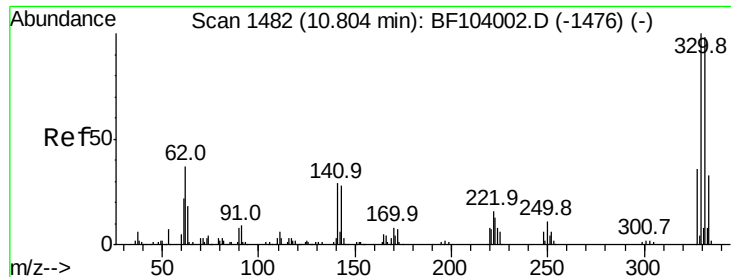
Tot Ion:142 Resp: 1836612
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 37.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

Tgt Ion:164 Resp: 190757
 Ion Ratio Lower Upper
 164 100
 162 110.5 86.1 129.1
 160 47.2 38.3 57.5

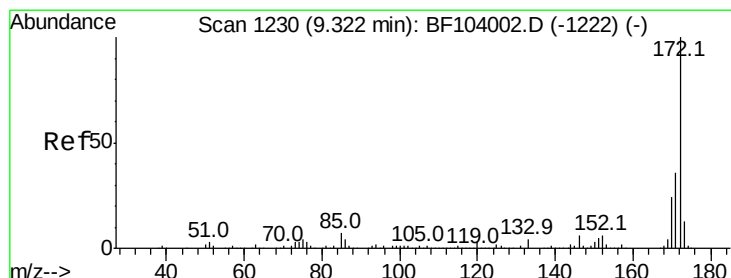
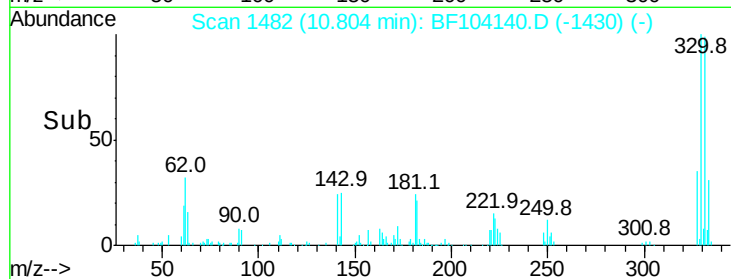
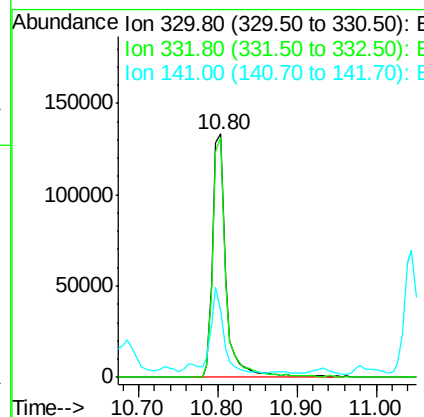
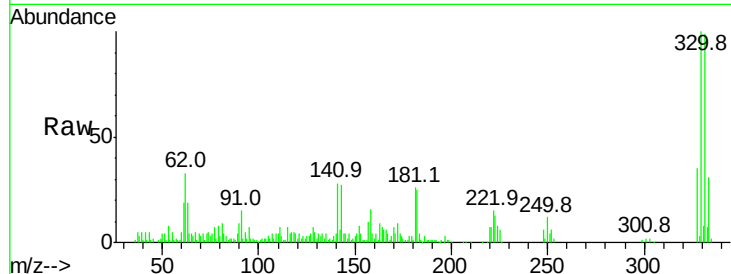




#41
 2,4,6-Tribromophenol
 Concen: 74.556 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

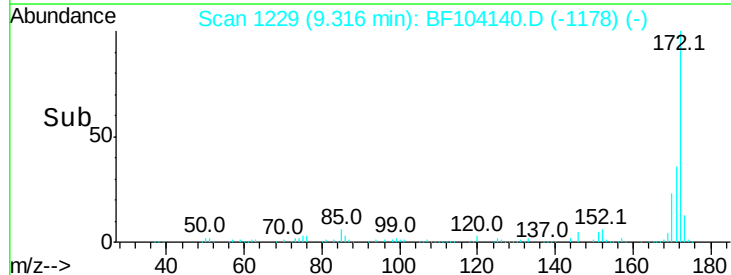
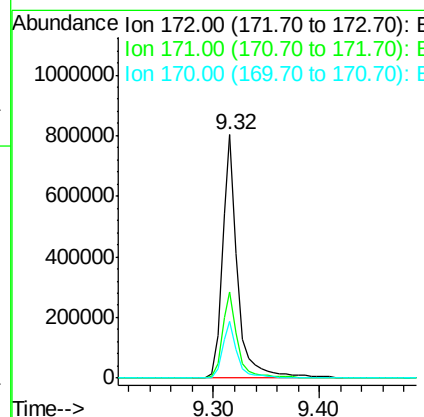
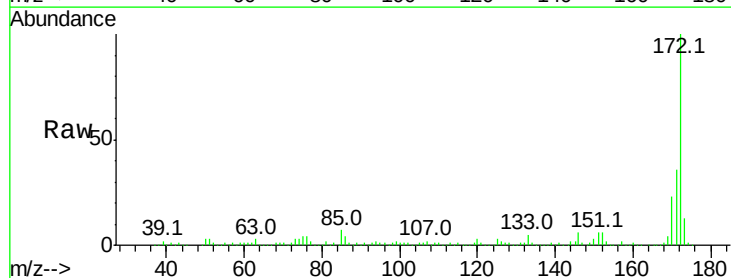
Instrument :
 BNA_F
 ClientSampleId :

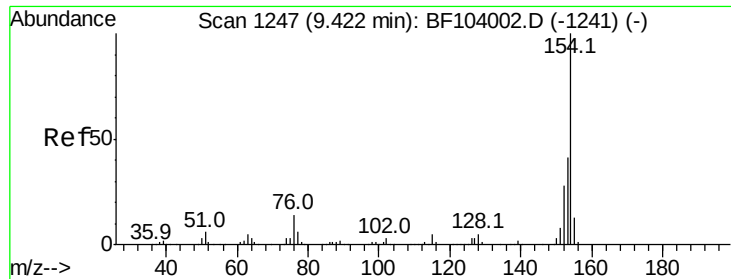
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 67.084 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.071 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

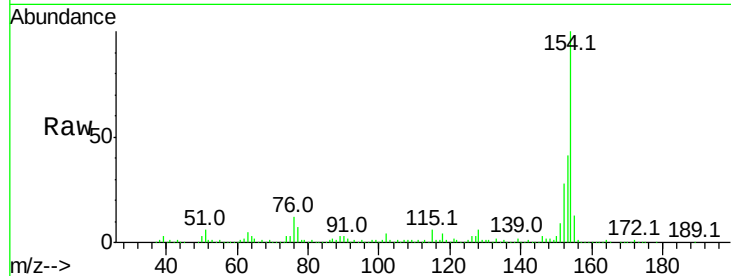
Tot Ion:154 Resp: 623297

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

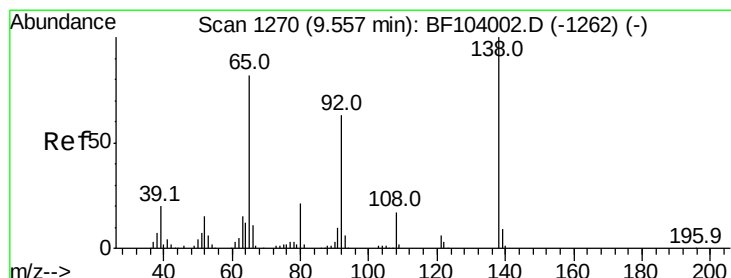
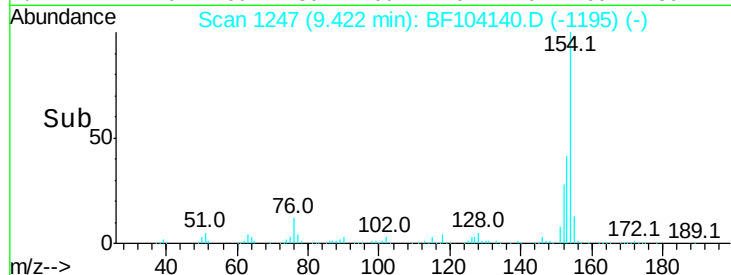
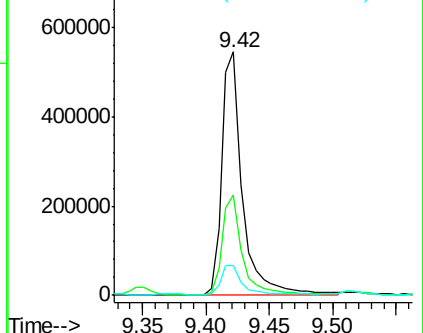
76 12.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 4.342 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.02 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

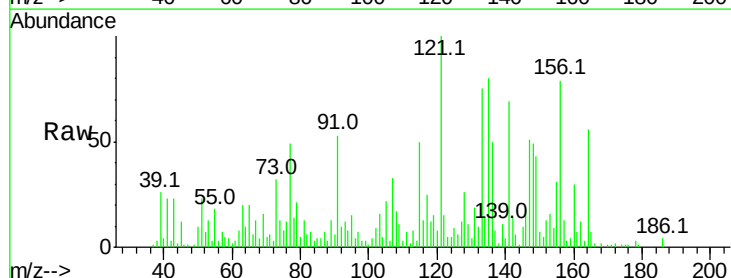
Tgt Ion: 65 Resp: 15988

Ion Ratio Lower Upper

65 100

92 52.6 55.8 83.6#

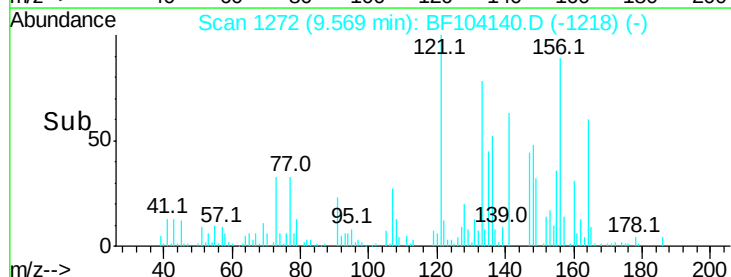
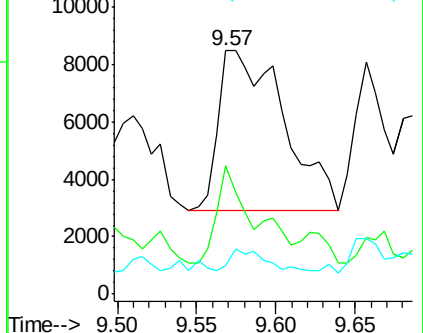
138 12.0 91.2 136.8#

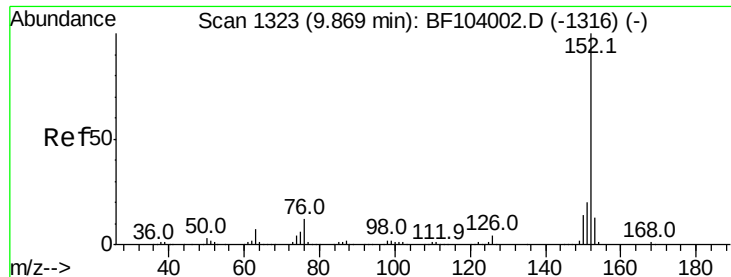


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.654 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

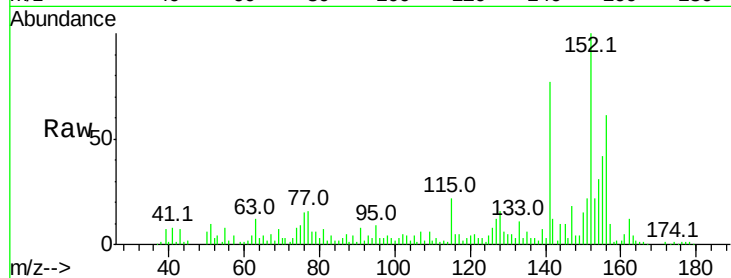
Tot Ion:152 Resp: 71489

Ion Ratio Lower Upper

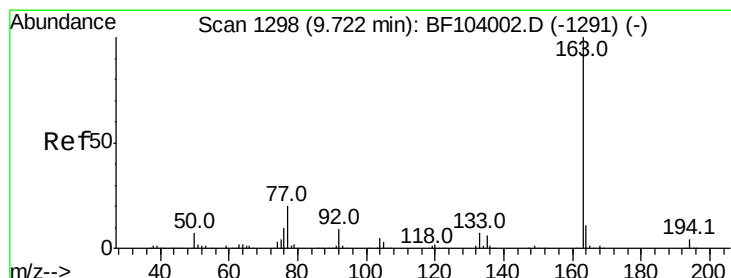
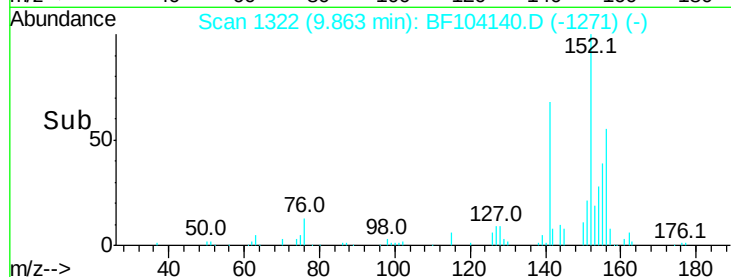
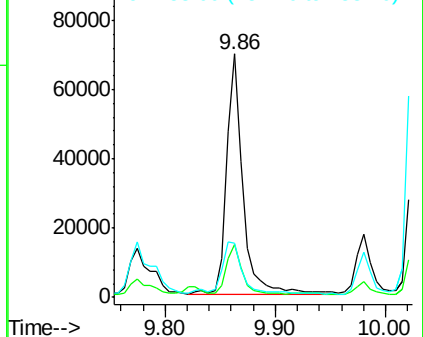
152 100

151 21.5 16.3 24.5

153 22.4 10.7 16.1#



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



#49

Dimethylphthalate

Concen: 3.488 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

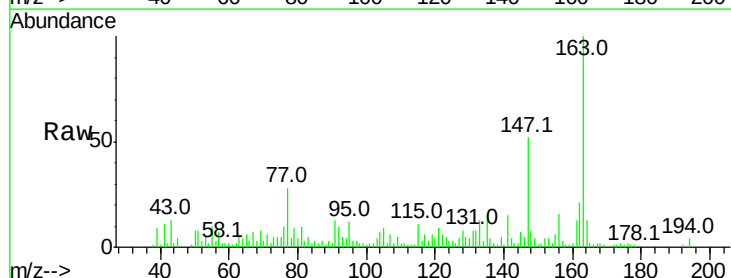
Tgt Ion:163 Resp: 52531

Ion Ratio Lower Upper

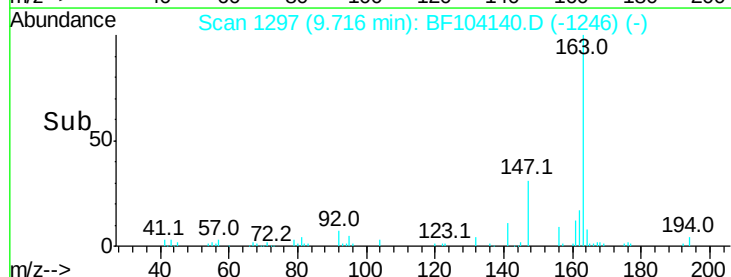
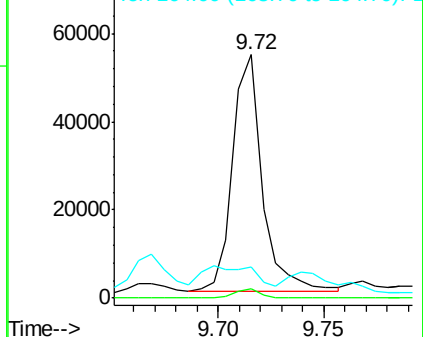
163 100

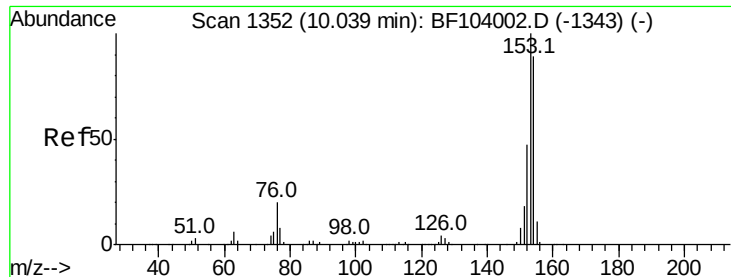
194 3.7 2.7 4.1

164 12.9 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





#51

Acenaphthene

Concen: 94.600 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

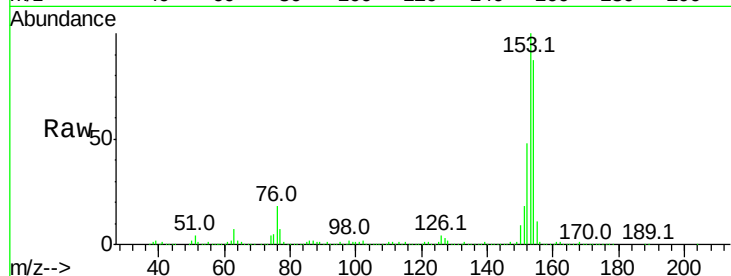
Tot Ion:154 Resp: 1070702

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

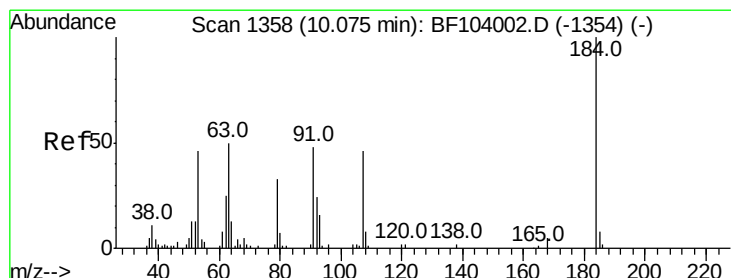
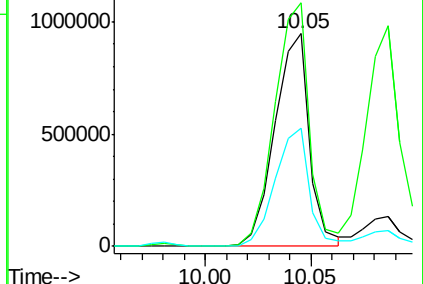
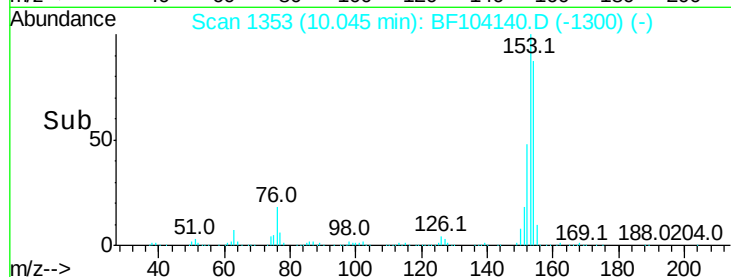
152 55.4 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 9.721 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.06 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

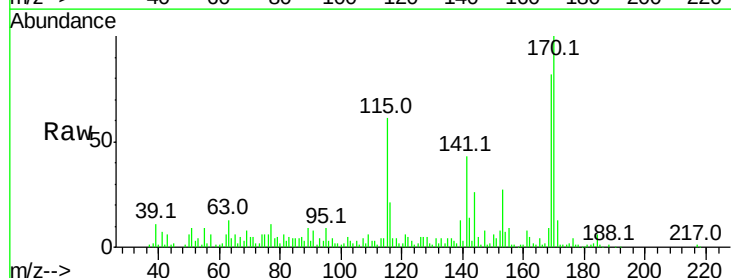
Tgt Ion:184 Resp: 6308

Ion Ratio Lower Upper

184 100

63 207.8 54.2 81.2#

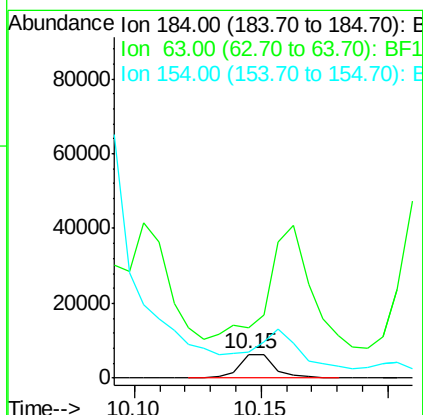
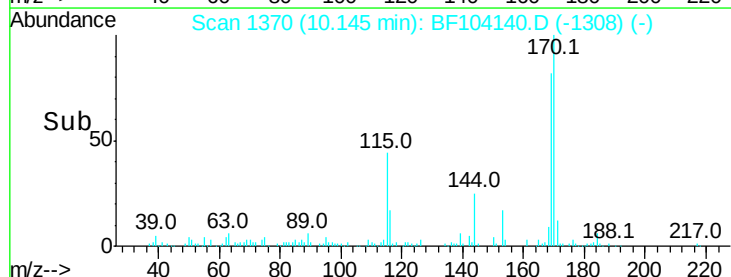
154 109.3 184.0 276.0#

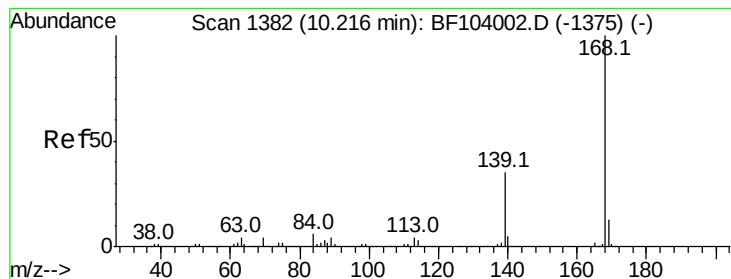


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 76.781 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampled :

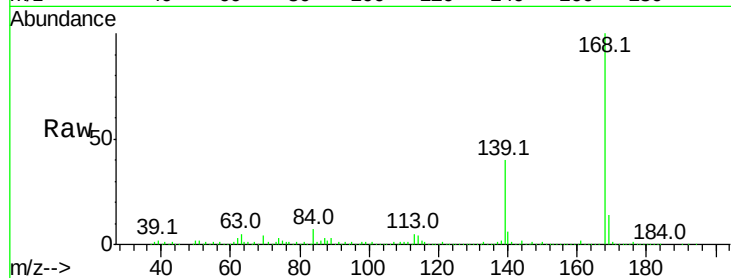
Tot Ion:168 Resp: 1269040

Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	13.9	10.9	16.3

168 100

139 40.3 30.1 45.1

169 13.9 10.9 16.3

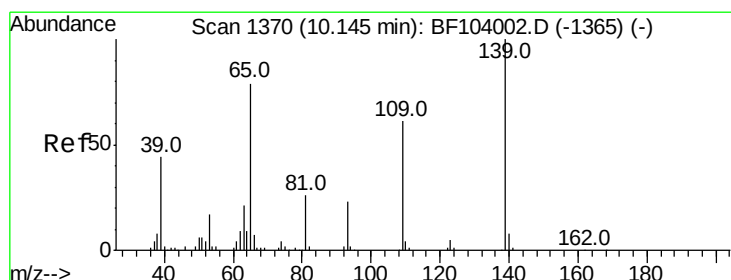
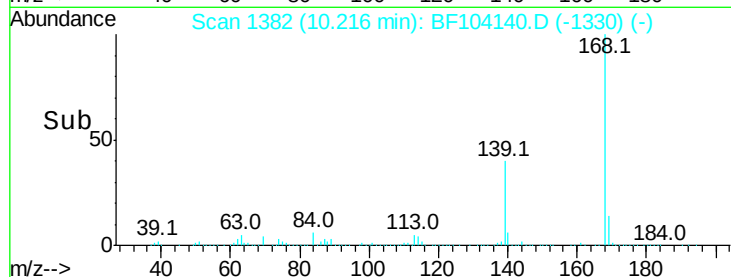
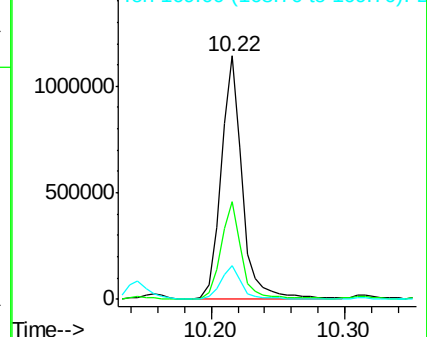


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 221.138 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.08 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

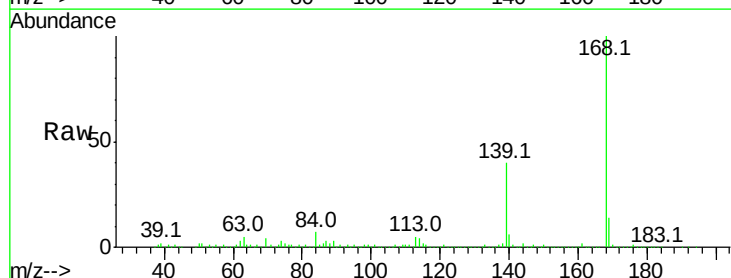
Tgt Ion:139 Resp: 493881

Ion	Ratio	Lower	Upper
139	100		
109	1.8	48.4	88.4#
65	2.0	72.6	112.6#

139 100

109 1.8 48.4 88.4#

65 2.0 72.6 112.6#

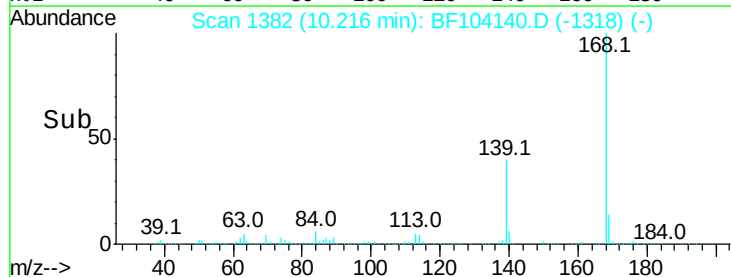
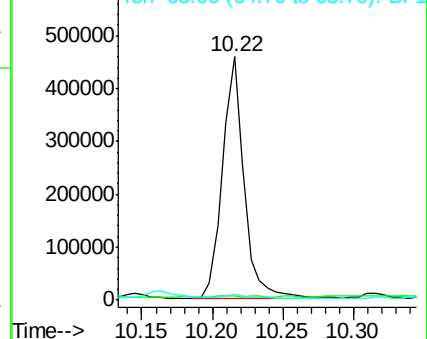


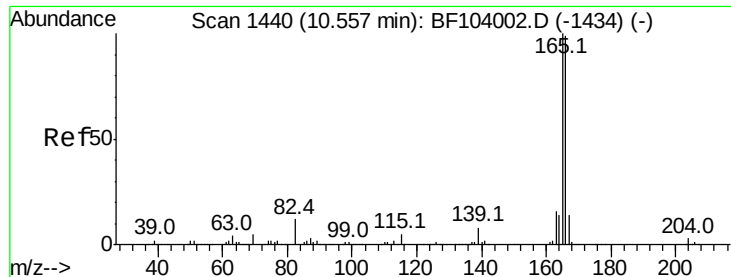
Abundance

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

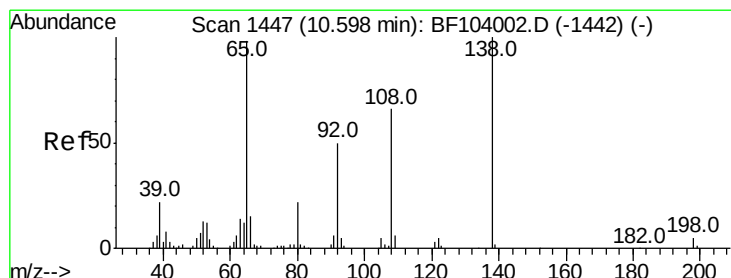
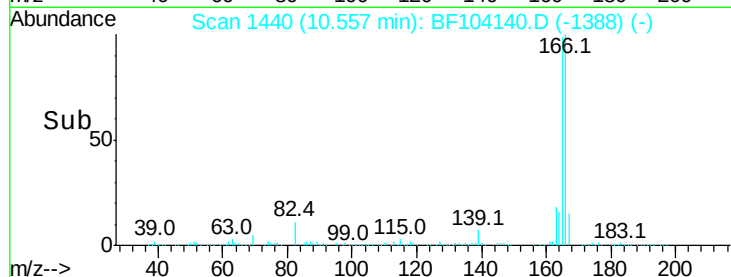
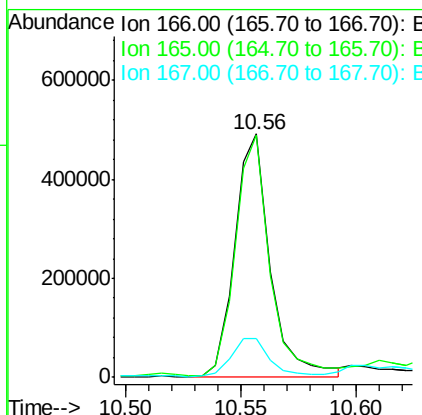
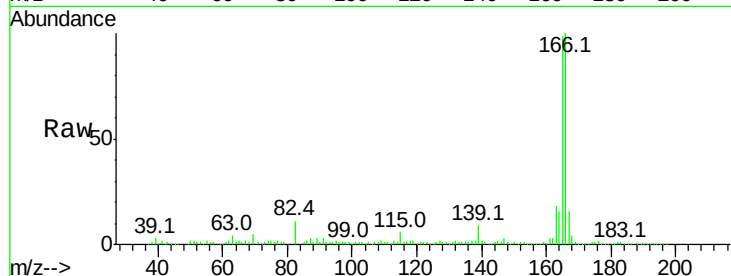




#57
 Fluorene
 Concen: 38.494 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

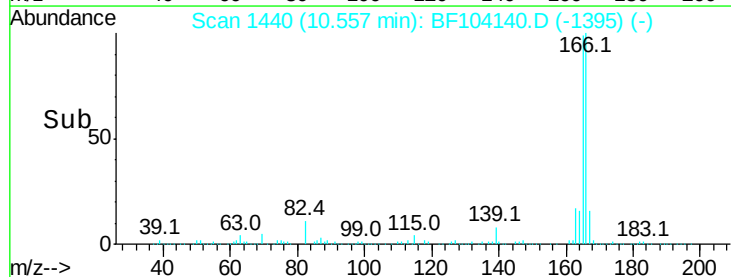
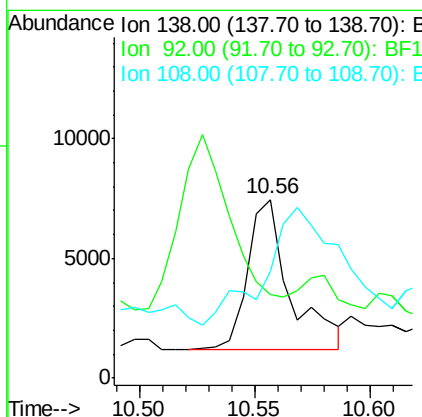
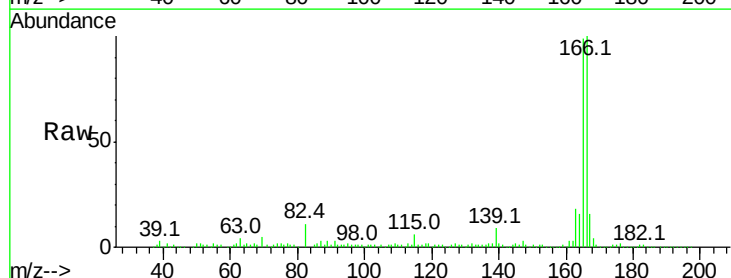
Instrument :
 BNA_F
 ClientSampleId :

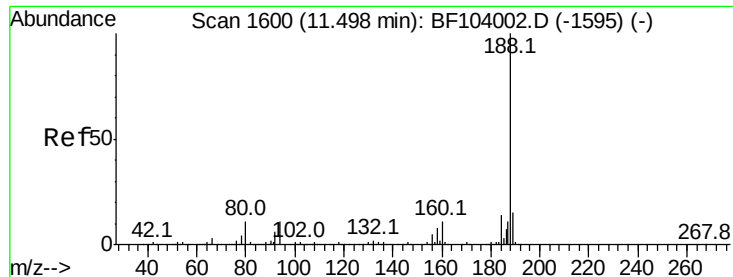
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	15.8	10.6	16.0



#61
 4-Nitroaniline
 Concen: 2.332 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.04 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	59.7	52.5	92.5

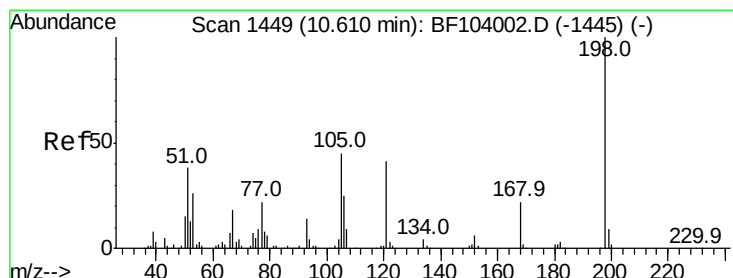
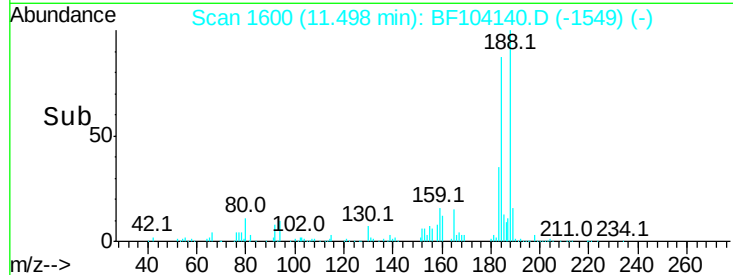
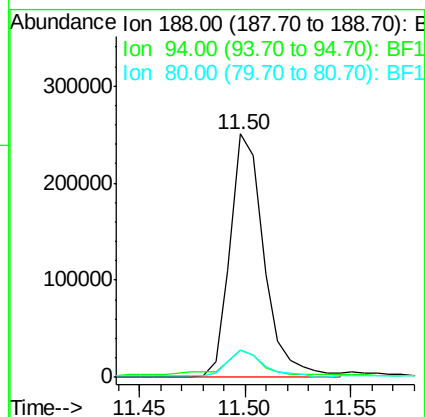
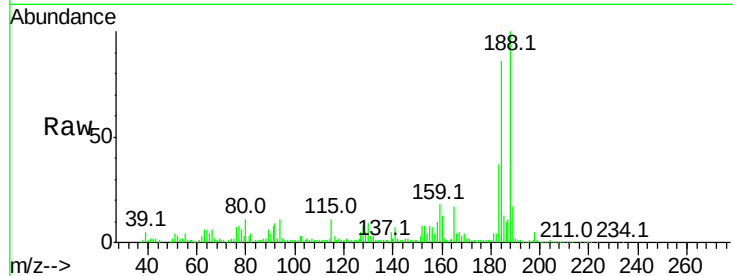




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

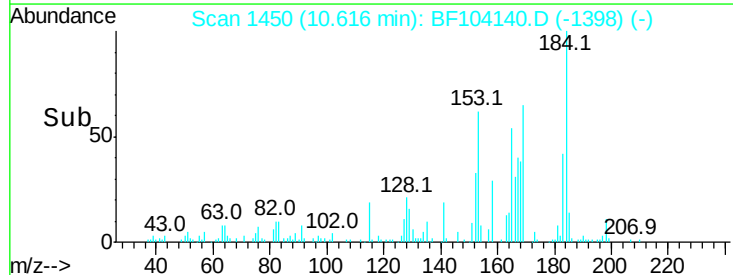
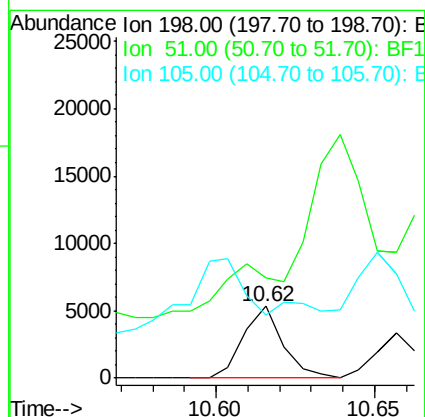
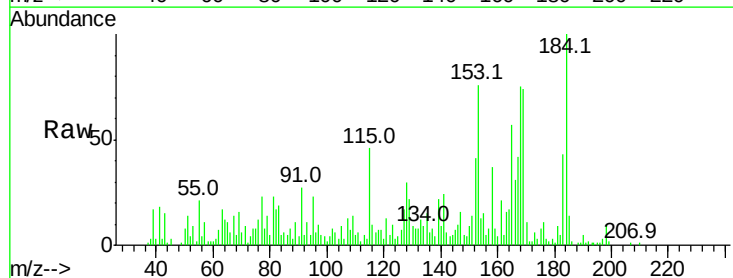
Instrument :
 BNA_F
 ClientSampleId :

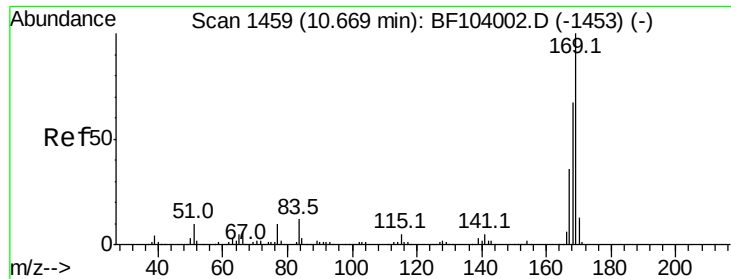
Tot Ion:188 Resp: 278690
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.755 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

Tgt Ion:198 Resp: 4648
 Ion Ratio Lower Upper
 198 100
 51 140.9 37.7 77.7#
 105 88.3 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 6.169 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.05 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

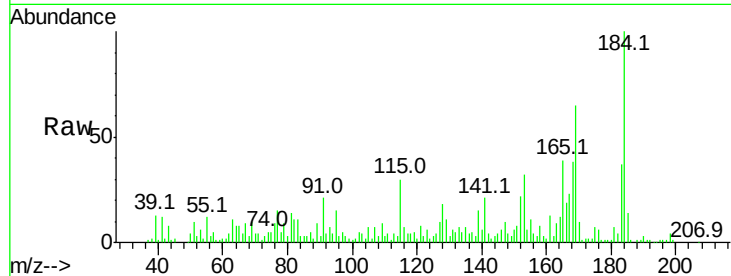
Tot Ion:169 Resp: 58222

Ion Ratio Lower Upper

169 100

168 58.4 54.4 81.6

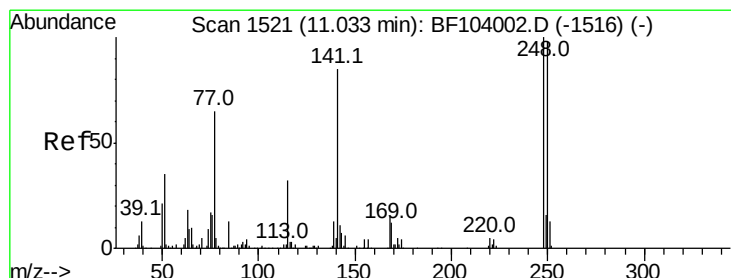
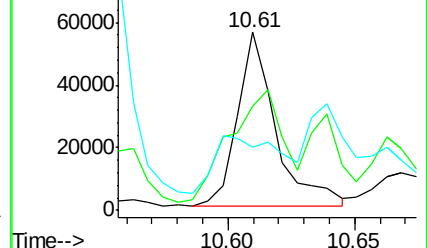
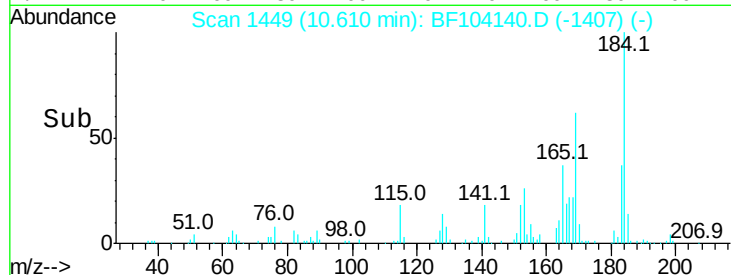
167 35.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.310 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.24 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

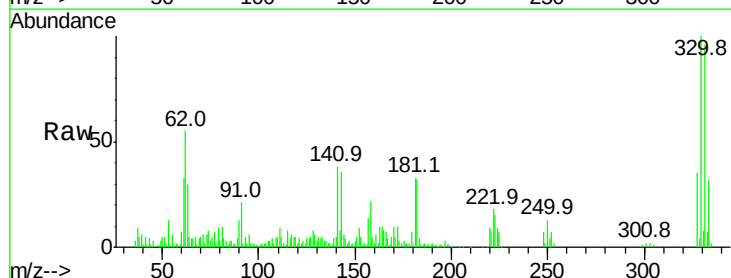
Tgt Ion:248 Resp: 9869

Ion Ratio Lower Upper

248 100

250 184.4 76.9 115.3#

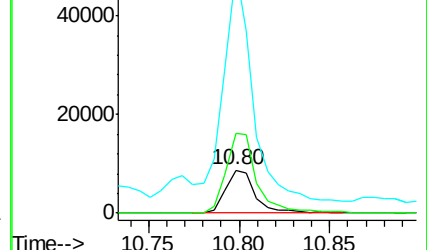
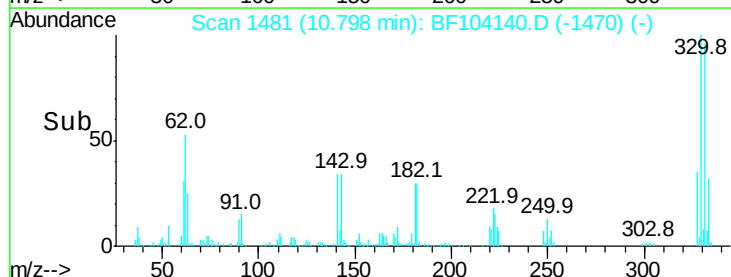
141 566.4 74.4 111.6#

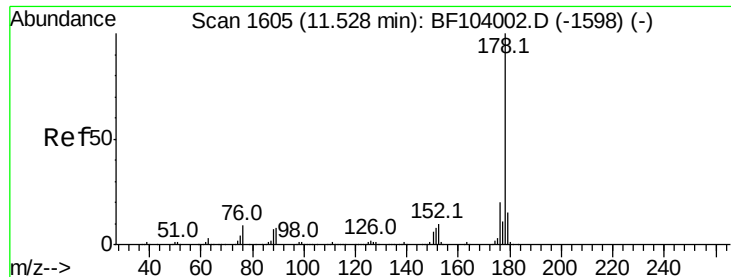


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 36.395 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

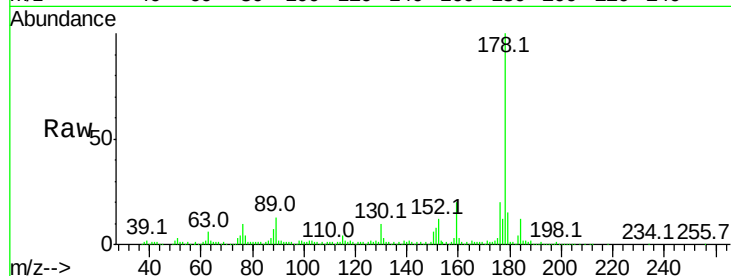
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 549152

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	13.0	19.6

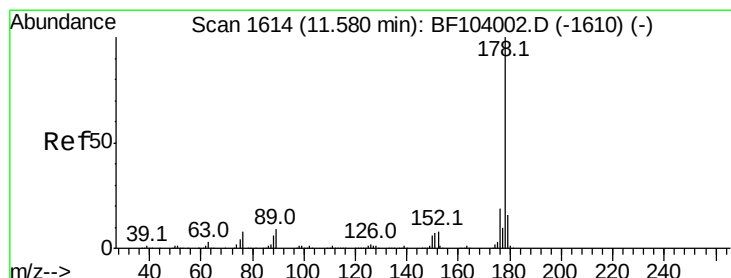
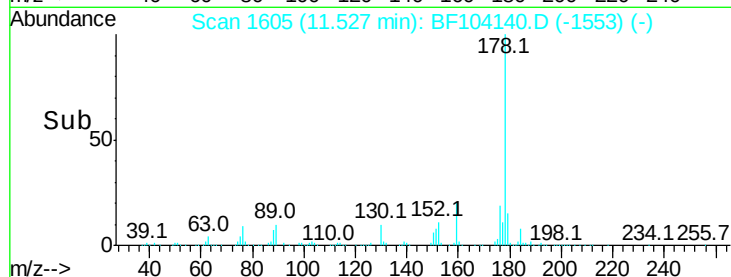
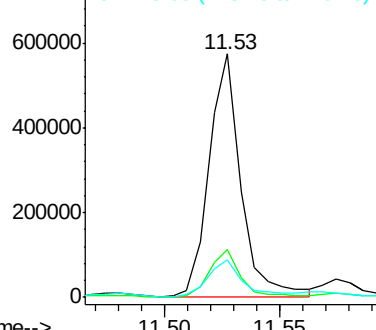


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 34.844 ng

RT: 11.53 min Scan# 1605

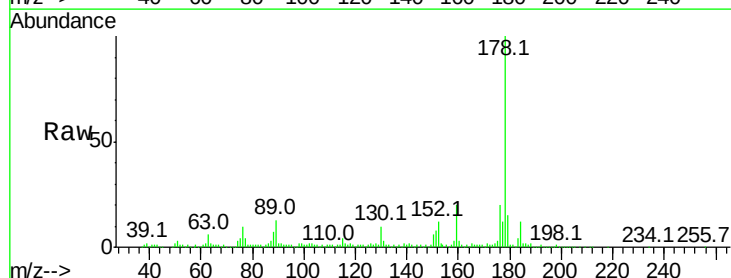
Delta R.T. -0.05 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Tgt Ion:178 Resp: 549152

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.3	12.6	19.0

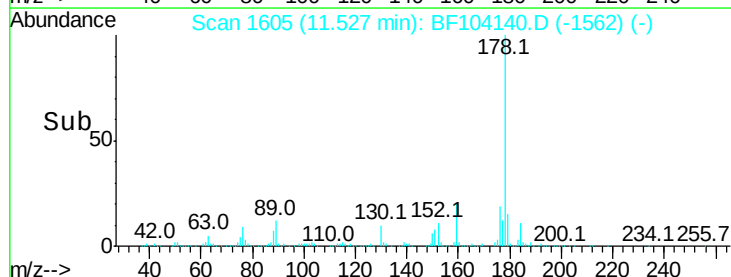
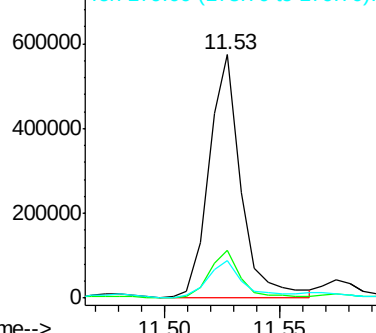


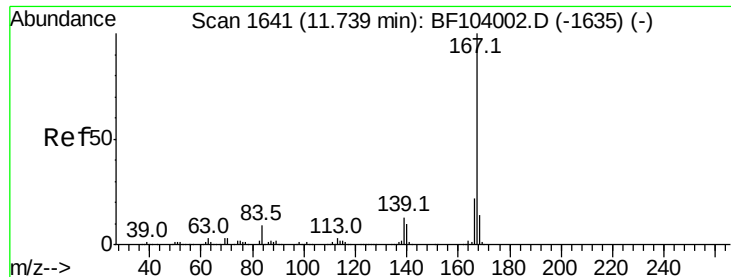
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

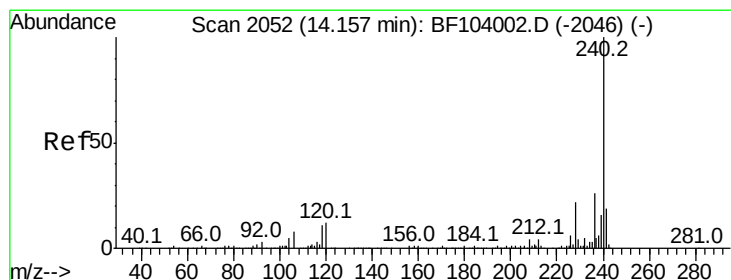
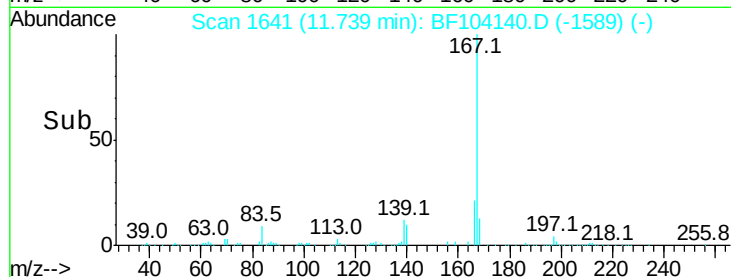
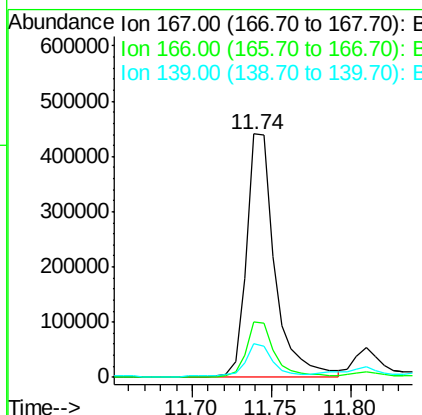
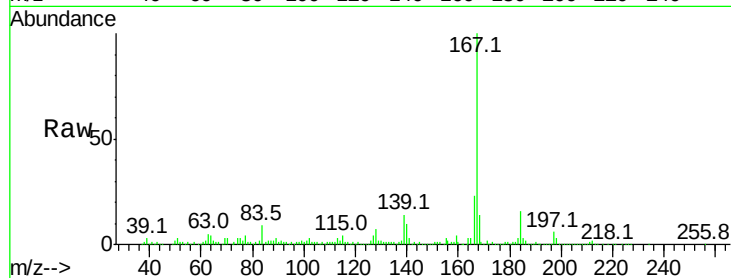




#72
 Carbazole
 Concen: 36.056 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

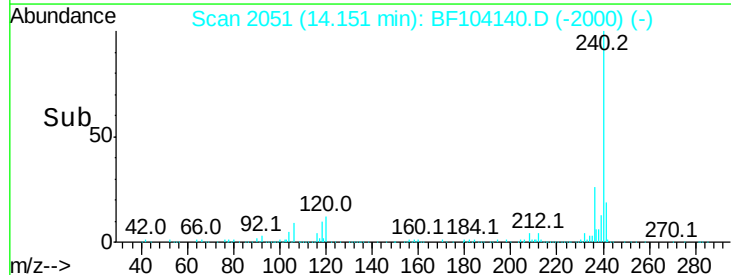
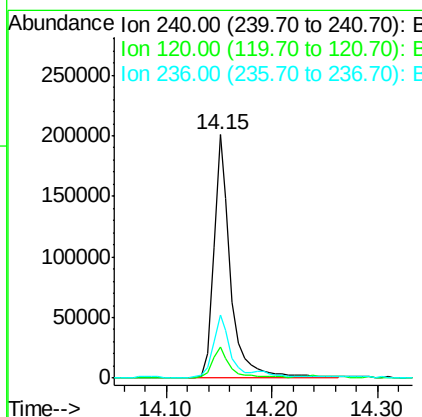
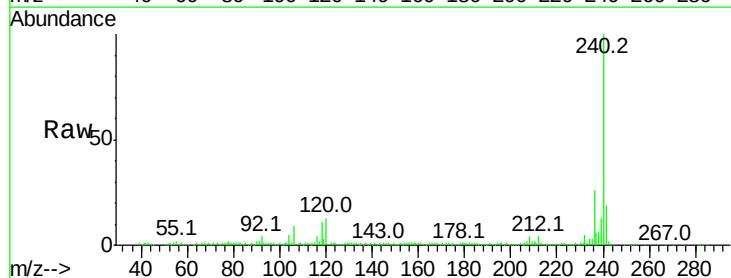
Instrument :
 BNA_F
 ClientSampleId :

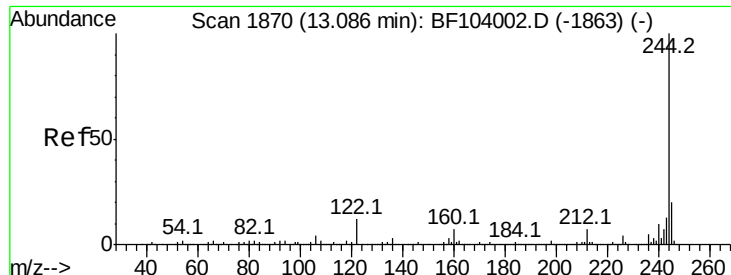
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.0	10.9	16.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF104140.D
 Acq: 2 Apr 2018 17:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 48.879 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

Instrument :

BNA_F

ClientSampleId :

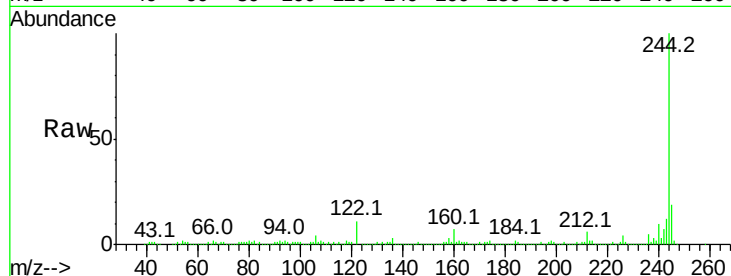
Tot Ion:244 Resp: 471886

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

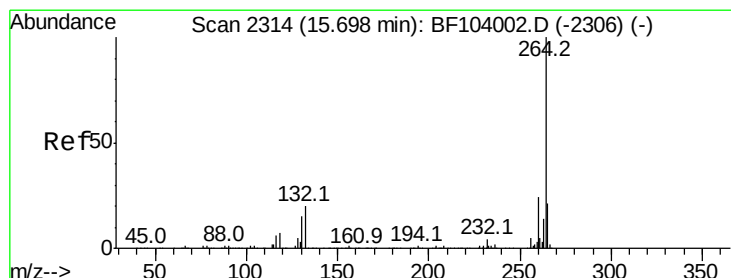
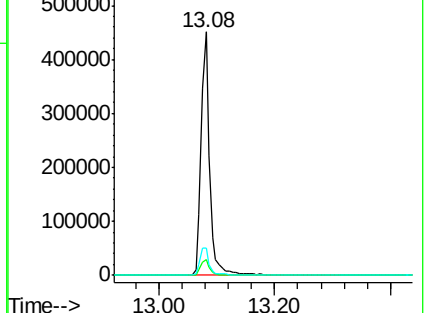
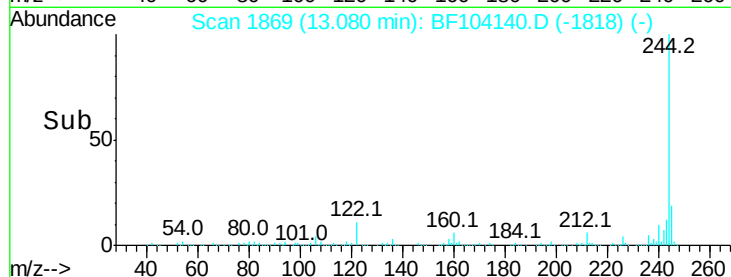
122 11.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF104140.D

Acq: 2 Apr 2018 17:26

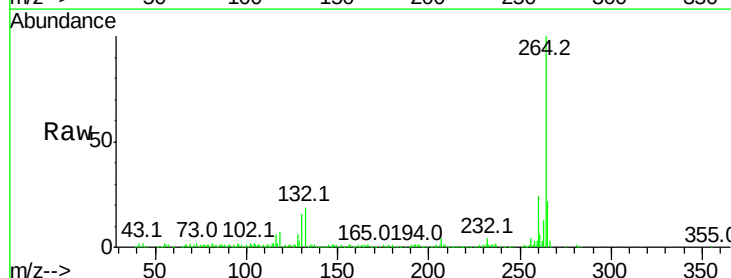
Tgt Ion:264 Resp: 243370

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.2 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

