

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102185.D
 Acq On : 18 Jan 2018 8:09
 Operator : SJ/JU
 Sample : J4144-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-2

Quant Time: Jan 18 09:18:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128762	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	320664	20.00	ng	0.02
38) Acenaphthene-d10	9.80	164	110760	20.00	ng	0.04
63) Phenanthrene-d10	11.29	188	204353	20.00	ng	0.05
75) Chrysene-d12	13.87	240	252296	20.00	ng	0.00
86) Perylene-d12	15.29	264	258270	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	953007	104.51	ng	0.01
7) Phenol-d6	6.36	99	1129520	103.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	683875	125.33	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	124470	128.77	ng	0.05
44) 2-Fluorobiphenyl	9.11	172	746878	105.35	ng	0.02
78) Terphenyl-d14	12.84	244	656712	54.04	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.10	42	20755	3.988	ng	# 1
9) Benzaldehyde	6.28	77	15607	2.066	ng	# 1
10) Phenol	6.37	94	51631	4.199	ng	# 88
15) Benzyl Alcohol	6.89	79	32773	4.118	ng	# 44
18) Hexachloroethane	7.27	117	291194	78.607	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	73718	10.340	ng	# 63
22) Acetophenone	7.13	105	119903	15.519	ng	# 1
24) Nitrobenzene	7.30	77	43569	7.430	ng	# 41
25) Isophorone	7.55	82	232242	21.539	ng	# 1
26) 2-Nitrophenol	7.65	139	22751	9.270	ng	# 1
27) 2,4-Dimethylphenol	7.67	122	21508	4.693	ng	# 1
28) bis(2-Chloroethoxy)methane	7.79	93	17925	2.753	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	40304	9.261	ng	# 2
31) Naphthalene	8.05	128	132636	8.278	ng	# 35
32) Benzoic acid	7.81	122	30768	8.853	ng	# 12
33) 4-Chloroaniline	8.12	127	17029	2.490	ng	# 1
35) Caprolactam	8.47	113	194686	130.305	ng	# 29
36) 4-Chloro-3-methylphenol	8.56	107	41144	8.637	ng	# 33
37) 2-Methylnaphthalene	8.75	142	35326	3.349	ng	# 45
42) 2,4,6-Trichlorophenol	9.03	196	15421	7.142	ng	# 13
45) 1,1'-Biphenyl	8.97	154	58512	5.977	ng	# 81
47) 2-Nitroaniline	9.34	65	6026	2.650	ng	# 35
48) Acenaphthylene	9.66	152	25152	2.088	ng	# 1
49) Dimethylphthalate	9.50	163	100950	11.362	ng	# 69
50) 2,6-Dinitrotoluene	9.60	165	13609	7.668	ng	# 68
51) Acenaphthene	9.83	154	41877	5.727	ng	# 33
52) 3-Nitroaniline	9.75	138	14509	6.477	ng	# 47
53) 2,4-Dinitrophenol	9.87	184	1835	11.071	ng	# 1
54) Dibenzofuran	10.00	168	31084	3.097	ng	# 1
55) 4-Nitrophenol	9.91	139	57799	34.625	ng	# 21
56) 2,4-Dinitrotoluene	10.01	165	24789	11.143	ng	# 58
57) Fluorene	10.35	166	83943	12.099	ng	# 41
59) Diethylphthalate	10.22	149	19686	2.227	ng	# 8
62) Azobenzene	10.50	77	75192	8.551	ng	# 1

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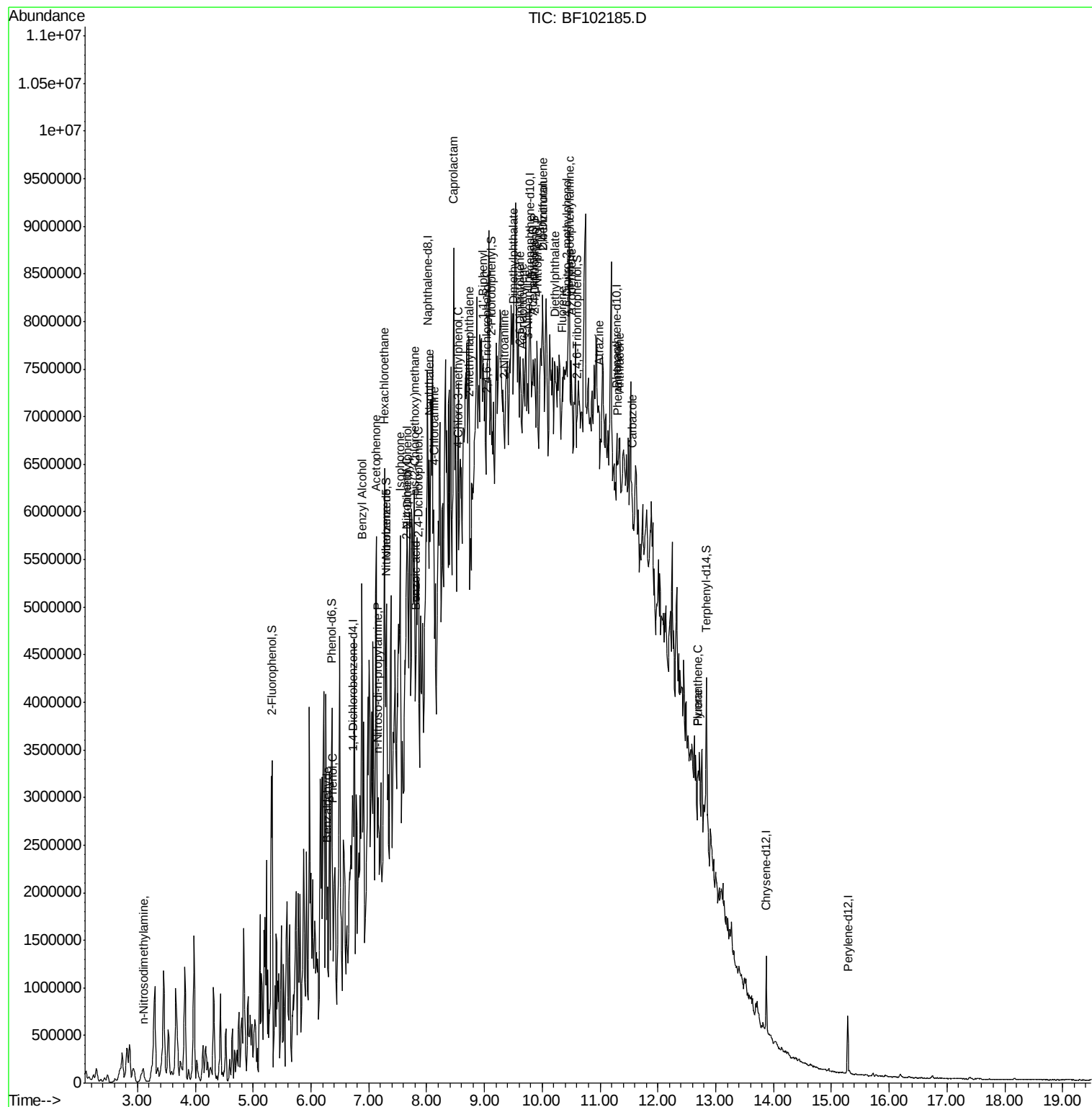
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.42	198	3850	8.722	nq	# 1
65) n-Nitrosodiphenylamine	10.46	169	290997	38.028	nq	# 46
68) Atrazine	10.99	200	14556	6.582	nq	# 67
70) Phenanthrene	11.31	178	109954	9.211	nq	# 60
71) Anthracene	11.34	178	85129	7.032	nq	# 1
72) Carbazole	11.56	167	25500	2.143	nq	# 1
74) Fluoranthene	12.70	202	254300	21.653	nq	94
77) Pyrene	12.70	202	254300	11.403	nq	96

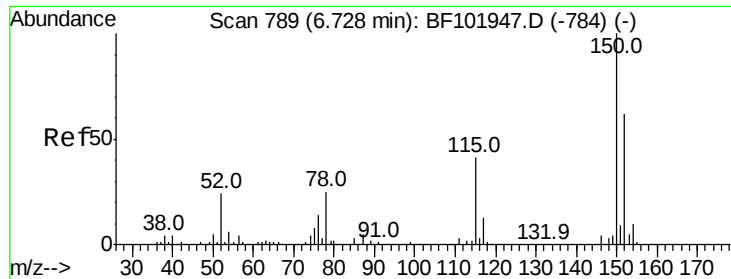
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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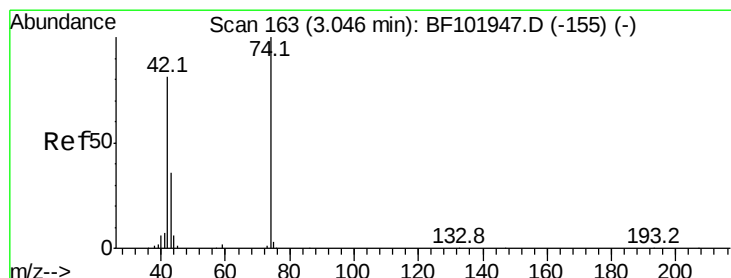
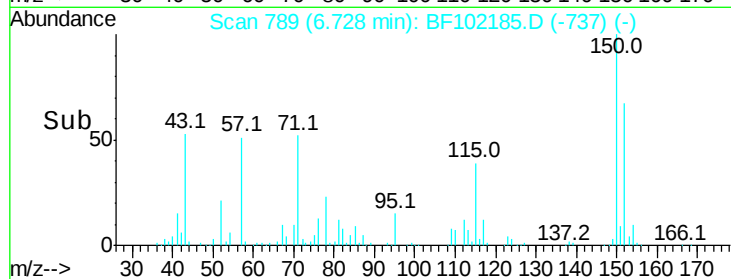
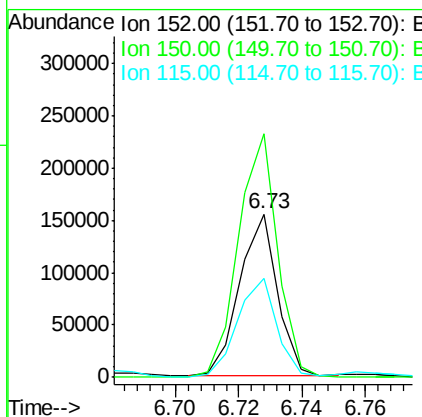
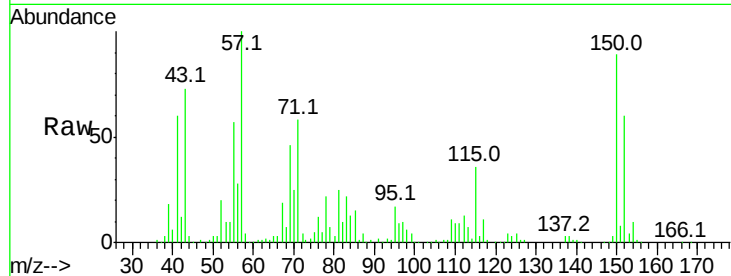


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampled :
IGW-2

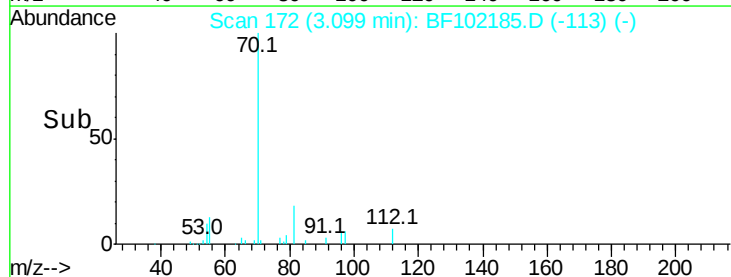
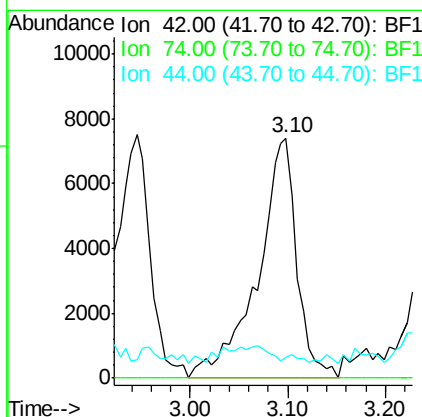
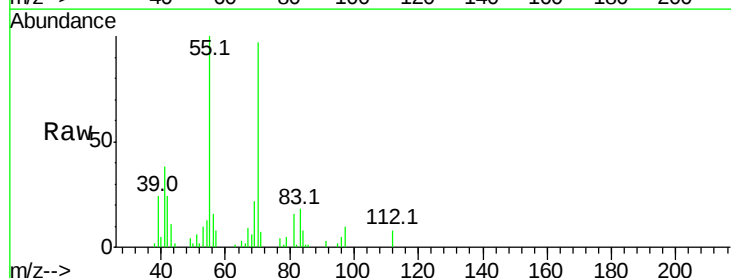
Tot Ion:152 Resp: 128762
Ion Ratio Lower Upper
152 100
150 148.9 124.6 186.8
115 60.6 50.1 75.1

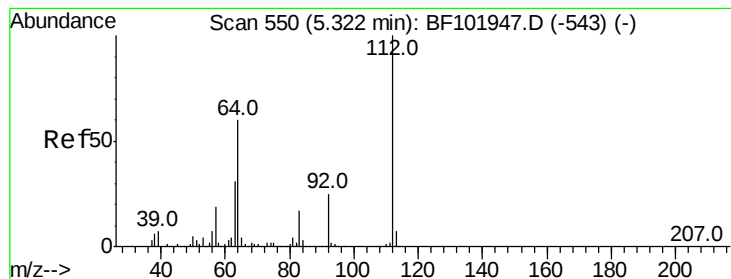


#4

n-Nitrosodimethylamine
Concen: 3.988 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.05 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion: 42 Resp: 20755
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 104.513 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

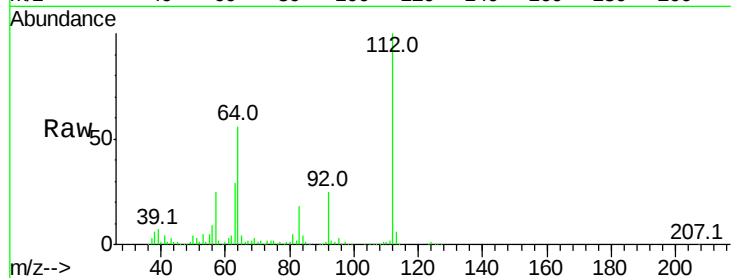
Tot Ion:112 Resp: 953007

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

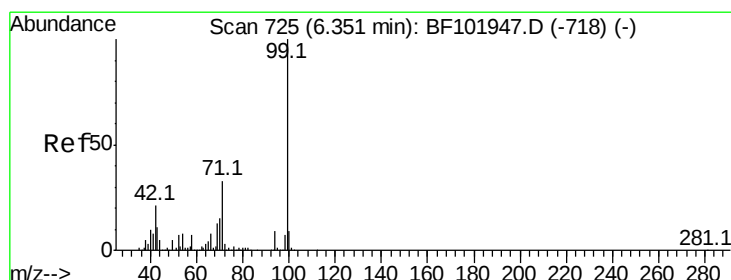
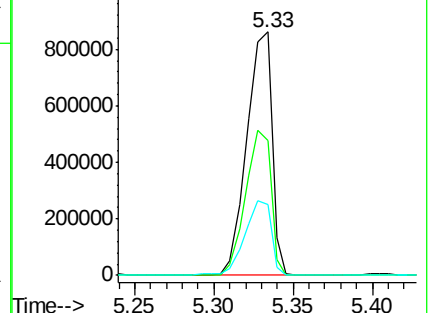
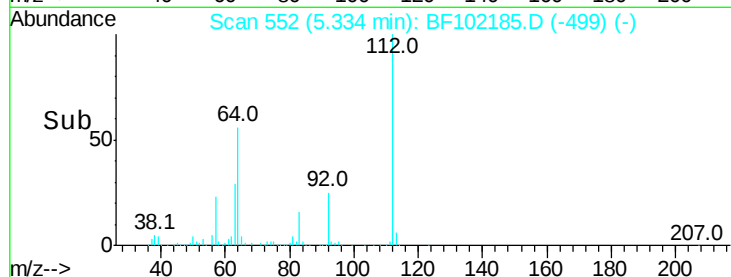
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 103.822 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

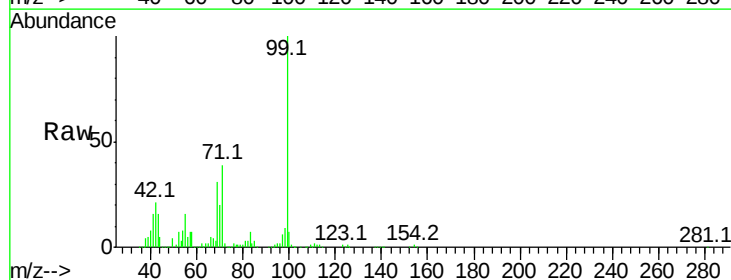
Tgt Ion: 99 Resp: 1129520

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

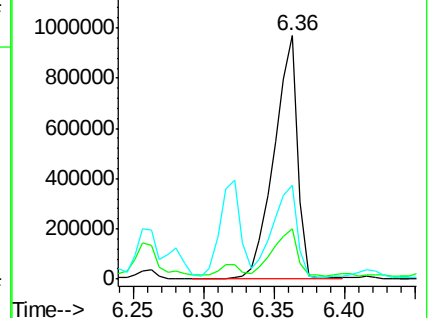
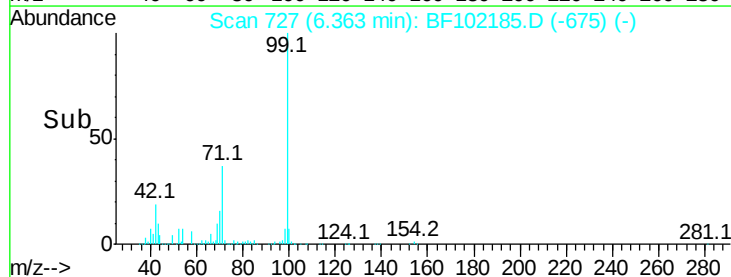
71 38.5 25.4 38.0#

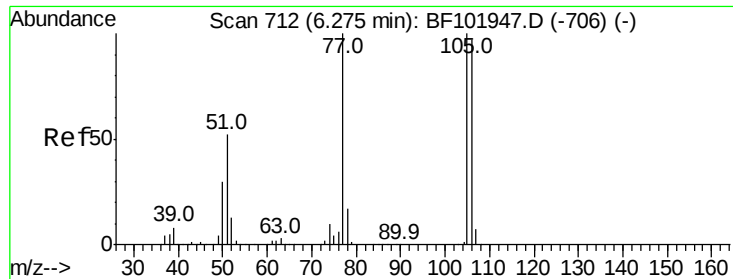


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

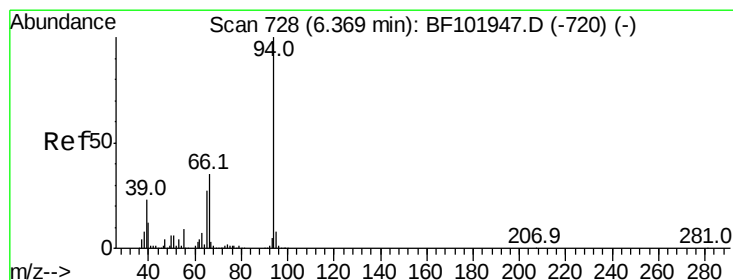
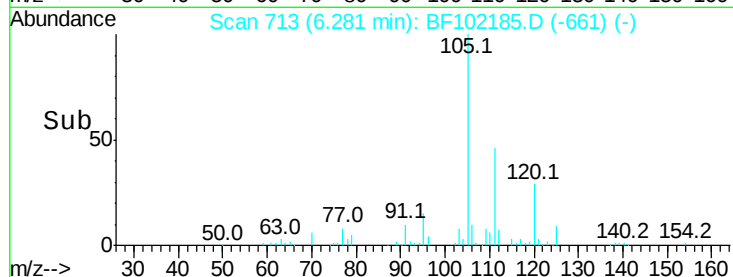
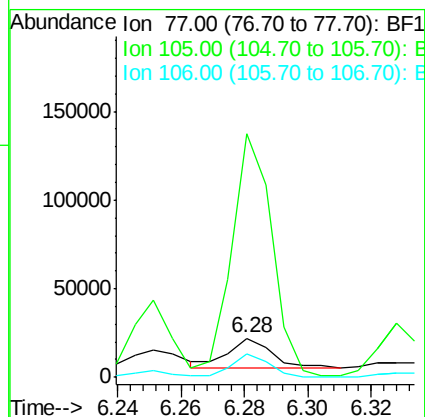
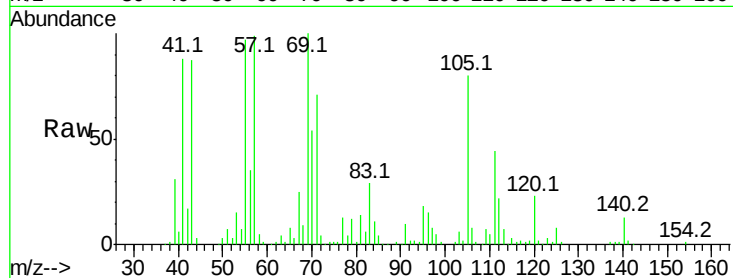




#9
Benzaldehyde
Concen: 2.066 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

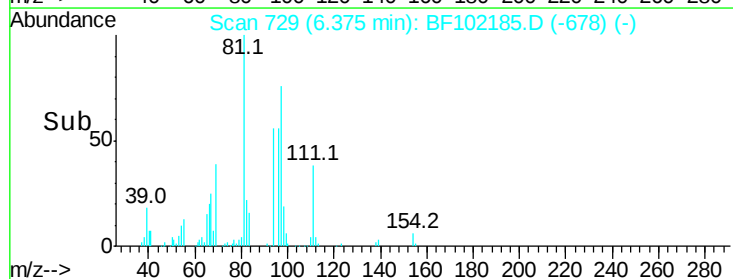
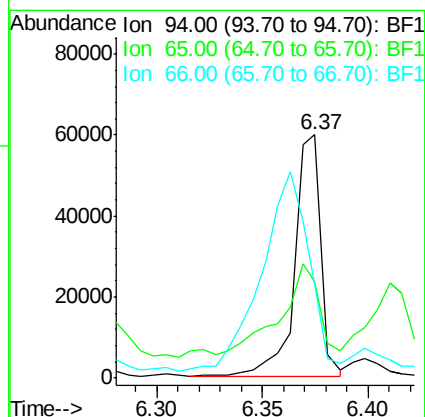
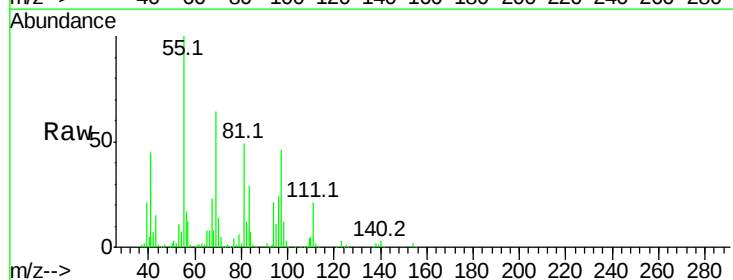
Instrument :
BNA_F
ClientSampleId :
IGW-2

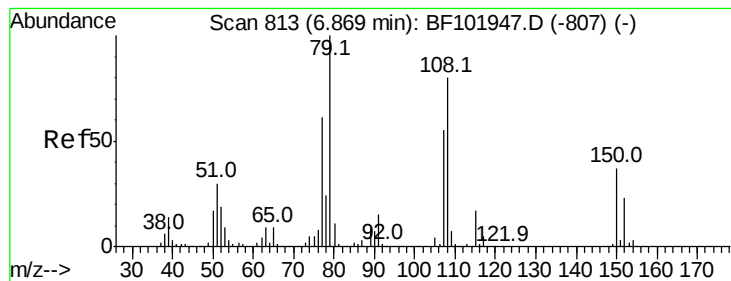
Tot Ion: 77 Resp: 15607
Ion Ratio Lower Upper
77 100
105 623.6 81.1 121.1#
106 60.3 74.5 114.5#



#10
Phenol
Concen: 4.199 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion: 94 Resp: 51631
Ion Ratio Lower Upper
94 100
65 39.5 7.9 47.9
66 38.5 16.2 56.2





#15

Benzyl Alcohol

Concen: 4.118 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampled :

IGW-2

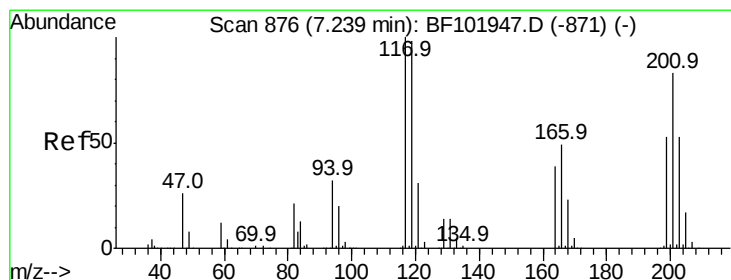
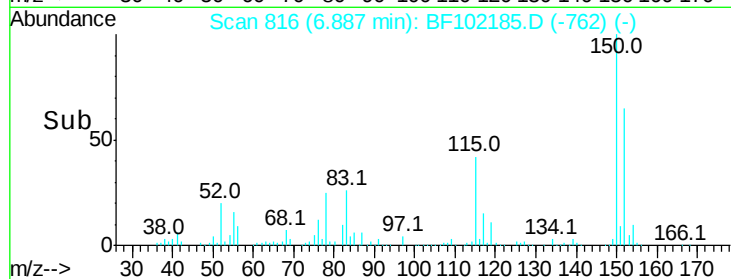
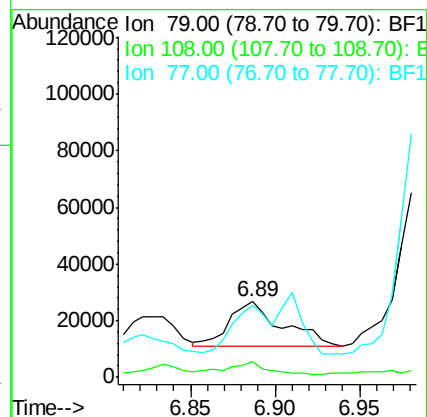
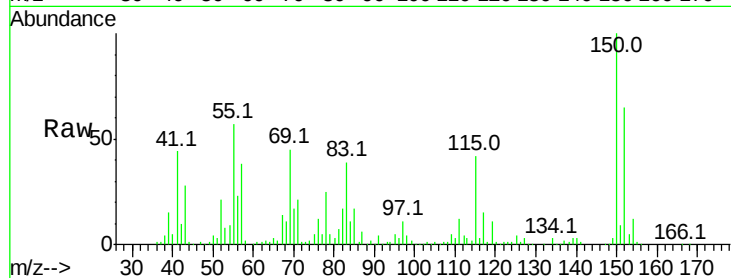
Tot Ion: 79 Resp: 32773

Ion Ratio Lower Upper

79 100

108 21.1 65.1 97.7#

77 94.9 50.6 75.8#



#18

Hexachloroethane

Concen: 78.607 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

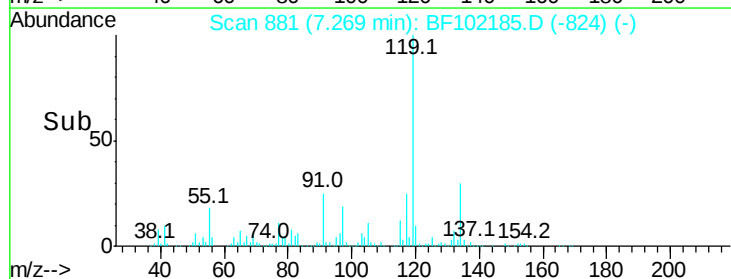
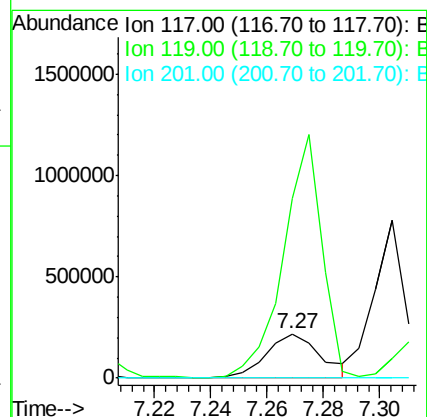
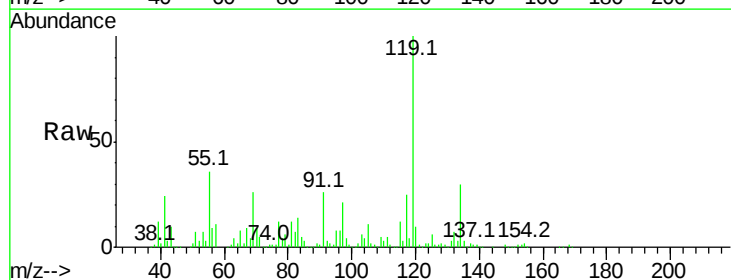
Tgt Ion: 117 Resp: 291194

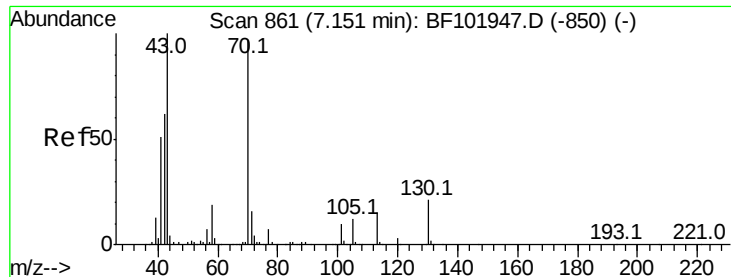
Ion Ratio Lower Upper

117 100

119 406.0 75.8 113.8#

201 0.0 75.7 113.5#

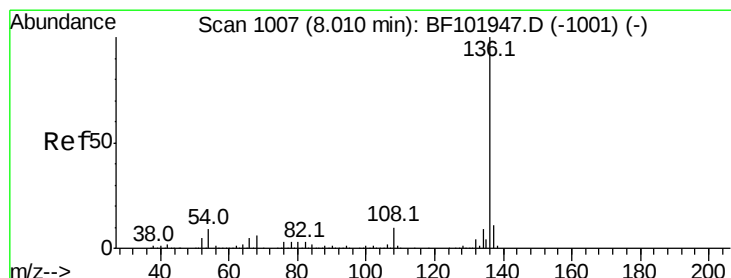
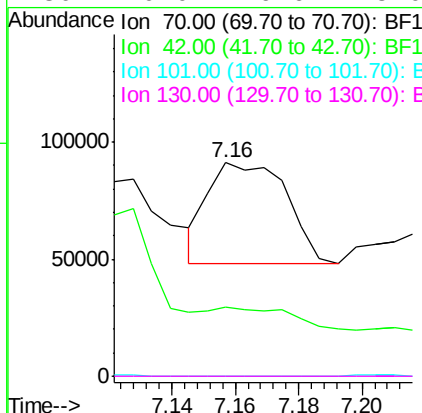
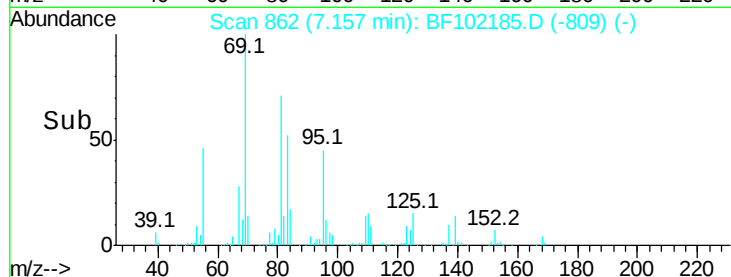
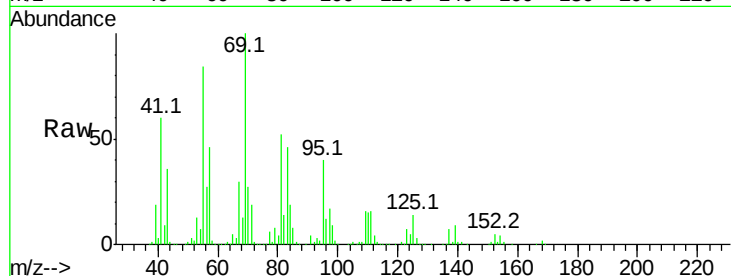




#19
n-Nitroso-di-n-propylamine
Concen: 10.340 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

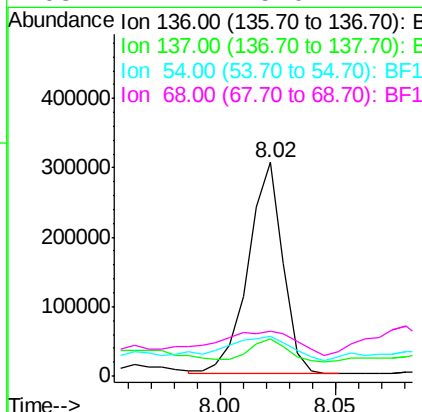
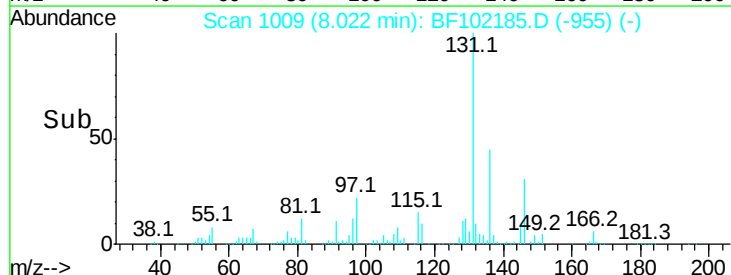
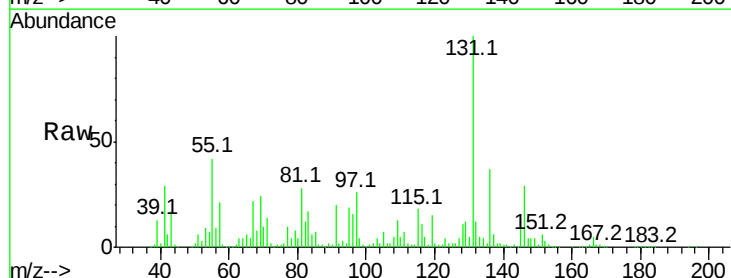
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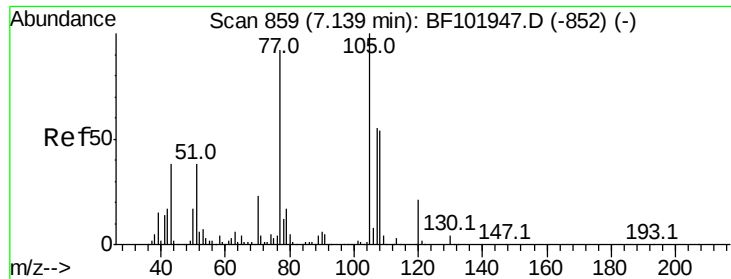
Tot Ion: 70 Resp: 73718
Ion Ratio Lower Upper
70 100
42 32.4 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:136 Resp: 320664
Ion Ratio Lower Upper
136 100
137 17.4 8.9 13.3#
54 18.8 6.6 9.8#
68 21.2 5.0 7.4#





#22

Acetophenone

Concen: 15.519 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

Tot Ion:105 Resp: 119903

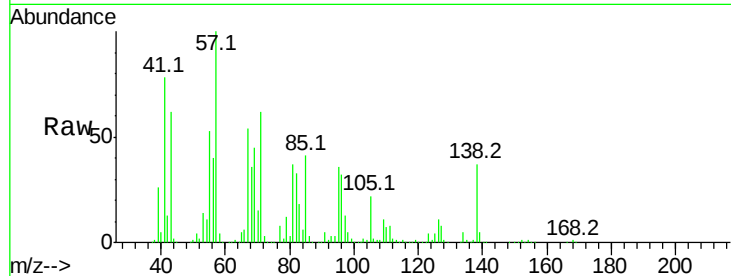
Ion Ratio Lower Upper

105 100

71 288.6 4.4 6.6#

51 19.6 22.3 33.5#

120 0.3 16.9 25.3#

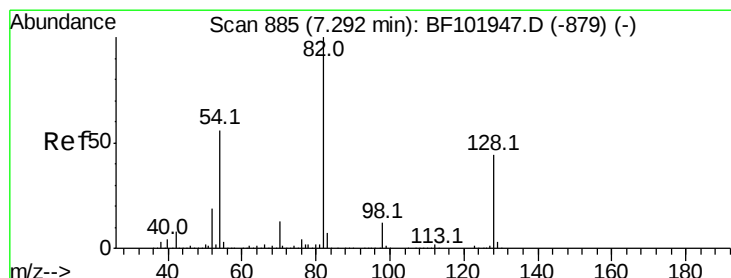
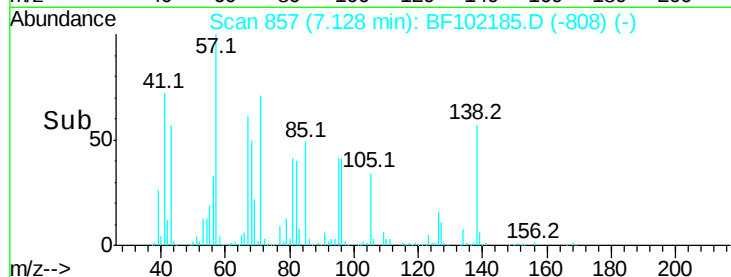
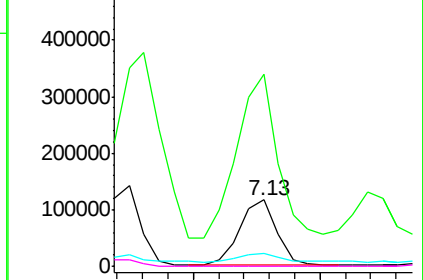


Abundance Ion 105.00 (104.70 to 105.70): E

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: 125.325 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

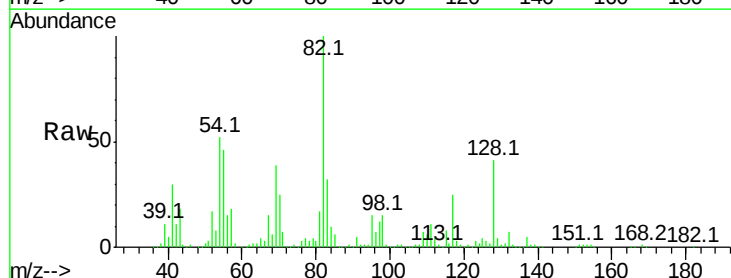
Tgt Ion: 82 Resp: 683875

Ion Ratio Lower Upper

82 100

128 40.6 36.1 54.1

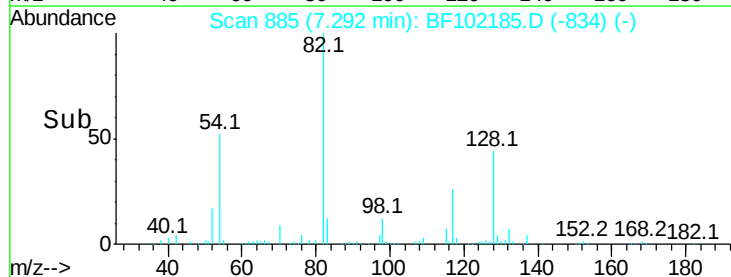
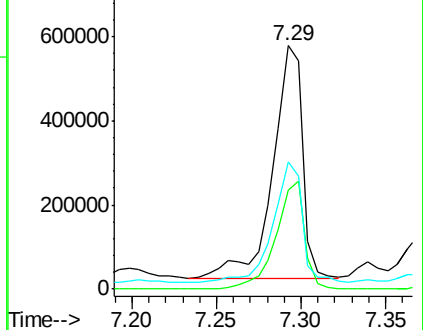
54 52.1 41.4 62.2

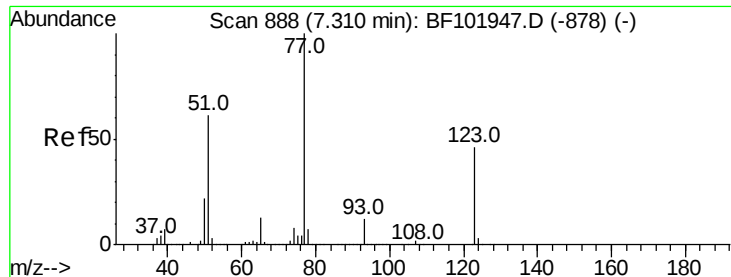


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

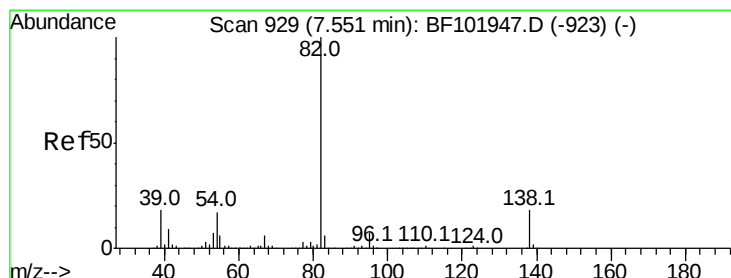
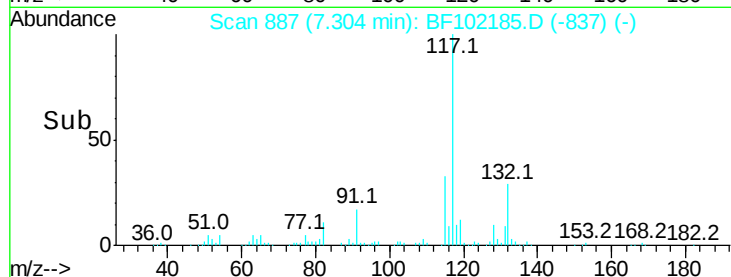
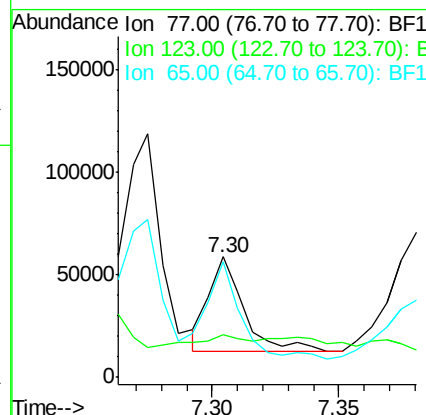
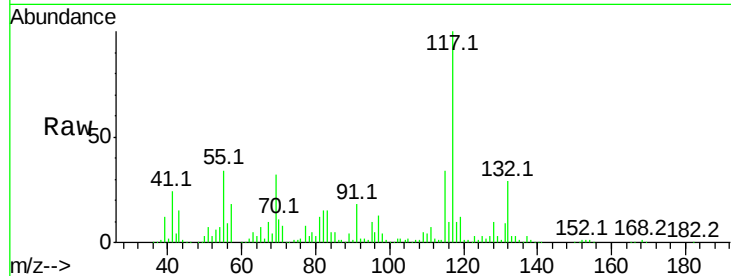




#24
Nitrobenzene
Concen: 7.430 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

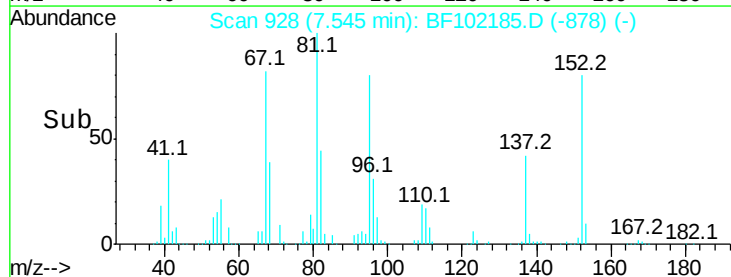
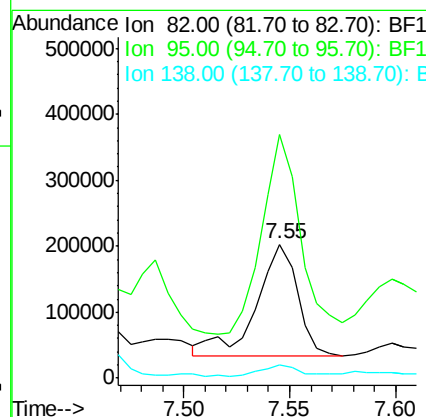
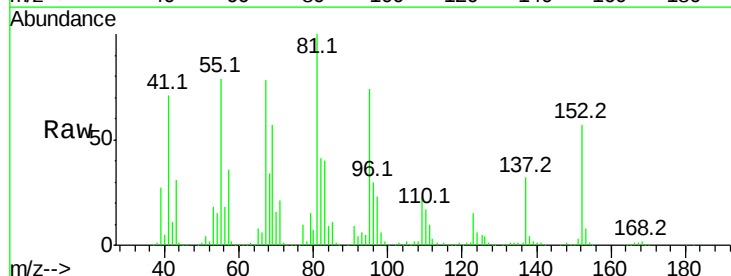
Instrument :
BNA_F
ClientSampleId :
IGW-2

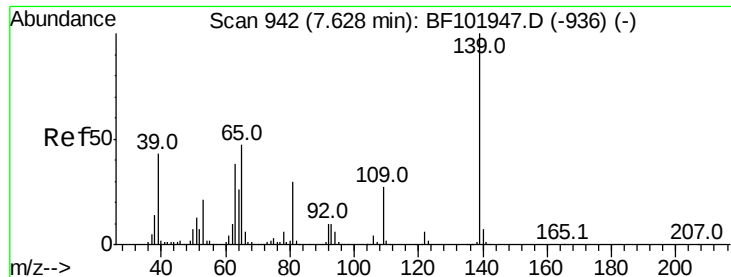
Tot Ion: 77 Resp: 43569
Ion Ratio Lower Upper
77 100
123 35.8 37.9 56.9#
65 95.8 11.0 16.4#



#25
Isophorone
Concen: 21.539 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion: 82 Resp: 232242
Ion Ratio Lower Upper
82 100
95 181.8 5.2 7.8#
138 10.0 14.9 22.3#

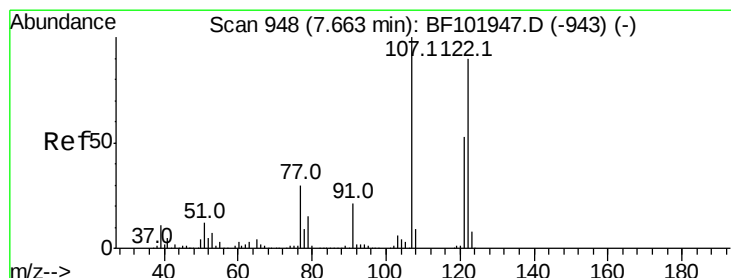
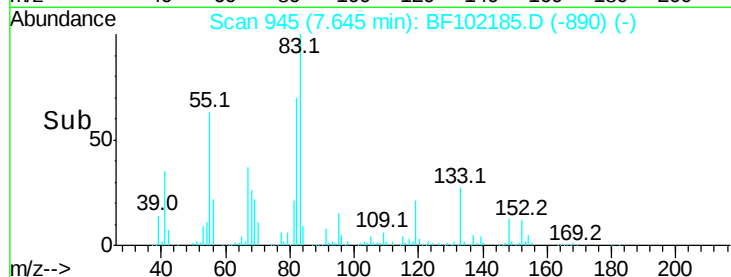
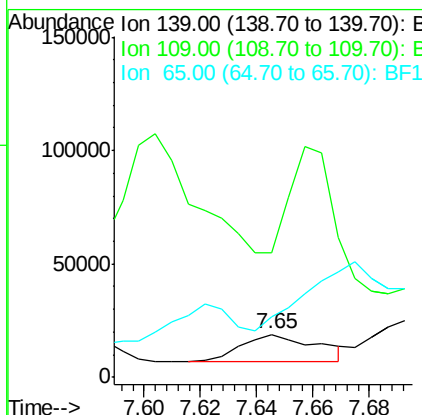
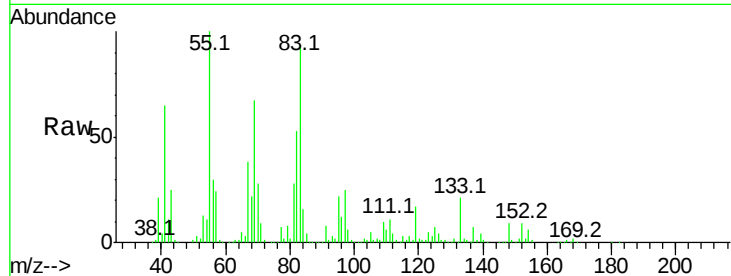




#26
2-Nitrophenol
Concen: 9.270 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.02 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

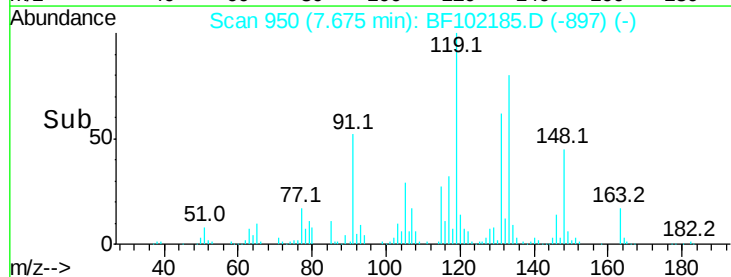
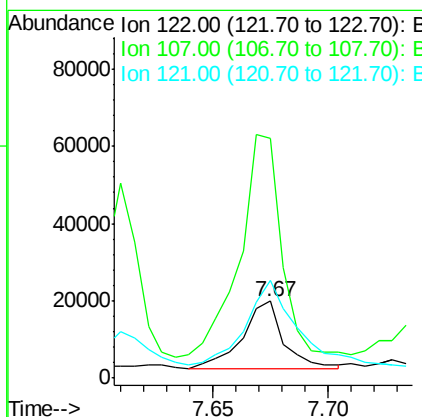
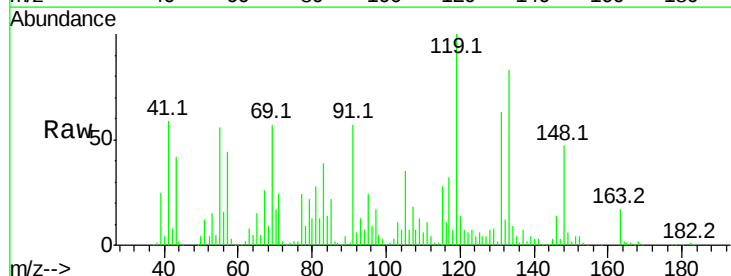
Instrument :
BNA_F
ClientSampleId :
IGW-2

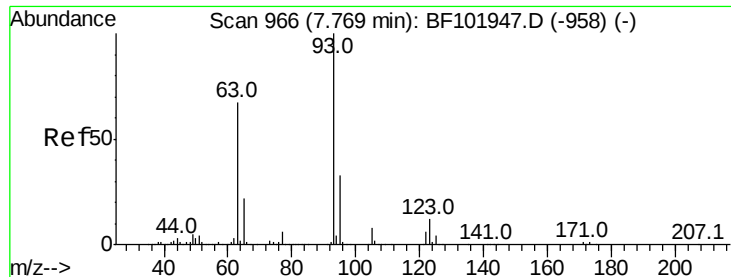
Tot Ion	Ratio	Lower	Upper
139	100		
109	288.6	22.7	34.1#
65	141.9	40.5	60.7#



#27
2,4-Dimethylphenol
Concen: 4.693 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	312.0	91.2	136.8#
121	126.4	47.2	70.8#





#28

bis(2-Chloroethoxy)methane

Concen: 2.753 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.03 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

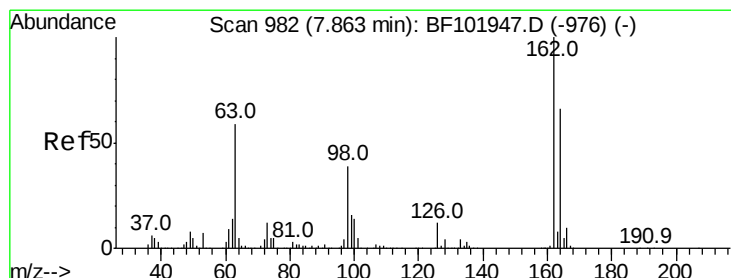
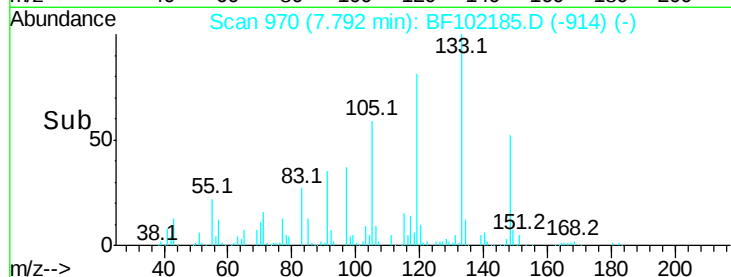
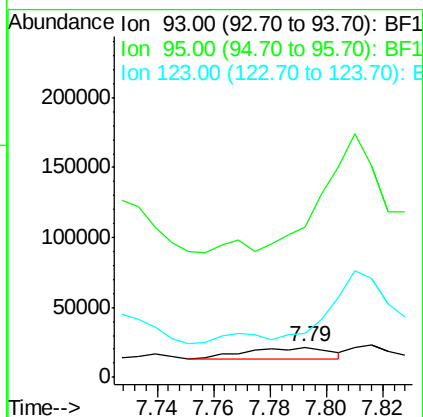
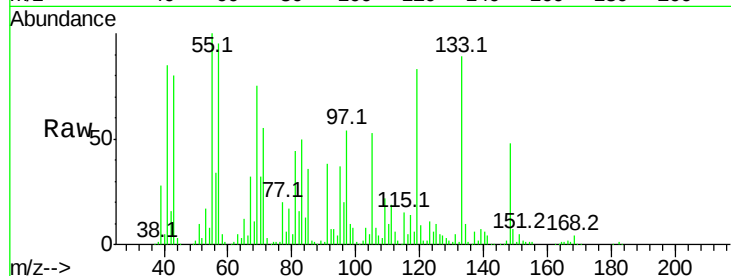
Tot Ion: 93 Resp: 17925

Ion Ratio Lower Upper

93 100

95 503.5 26.3 39.5#

123 146.1 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 9.261 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

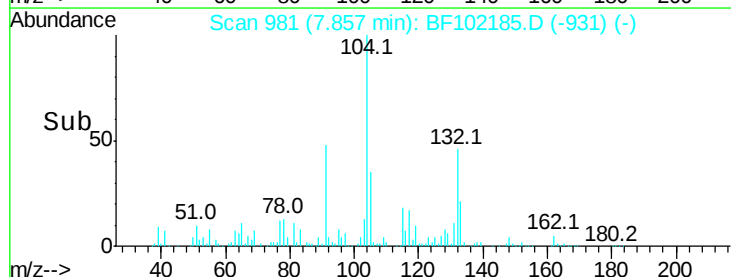
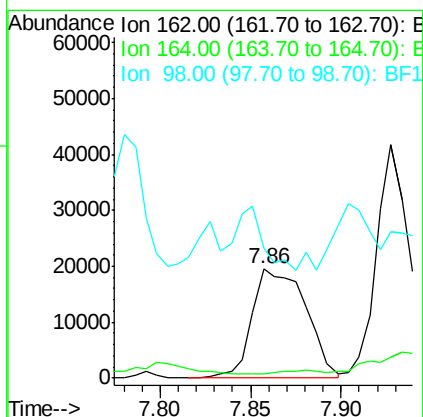
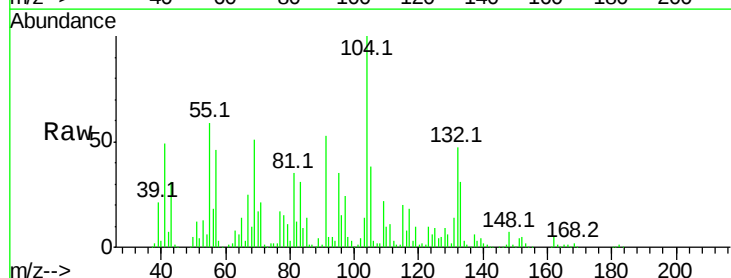
Tgt Ion: 162 Resp: 40304

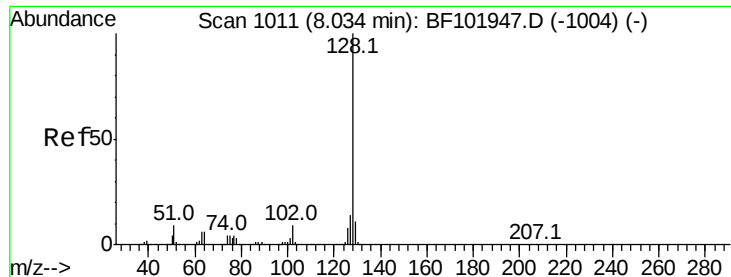
Ion Ratio Lower Upper

162 100

164 3.9 42.7 82.7#

98 118.6 18.1 58.1#

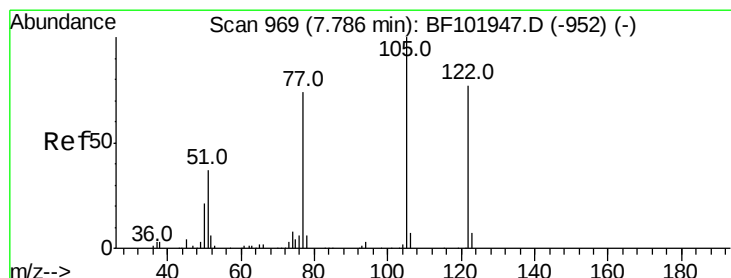
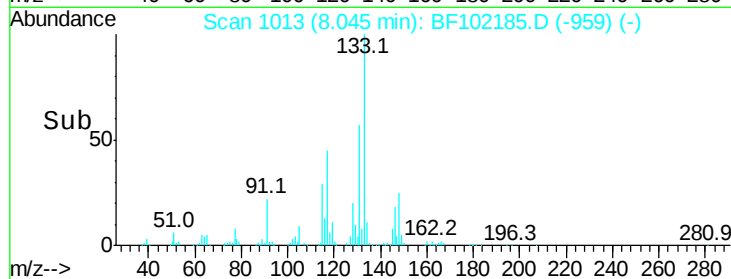
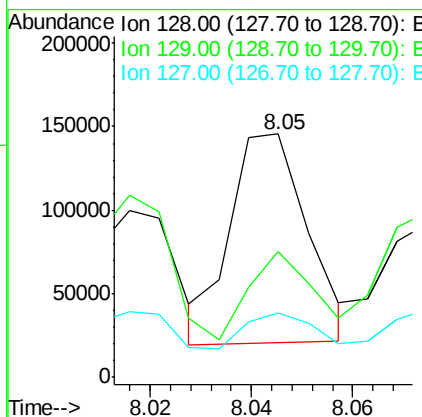
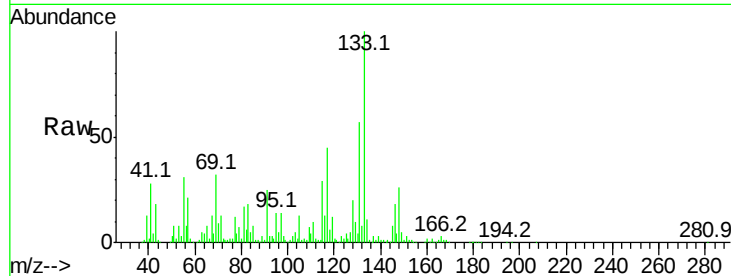




#31
Naphthalene
Concen: 8.278 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

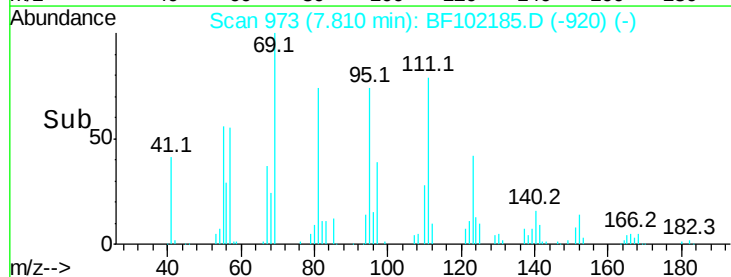
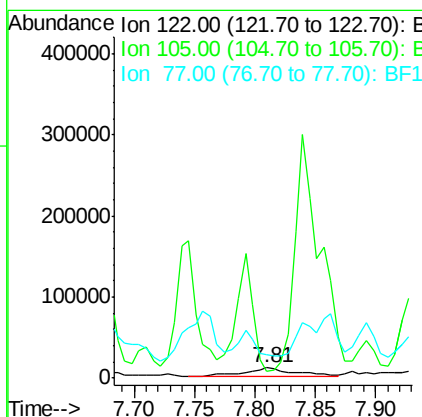
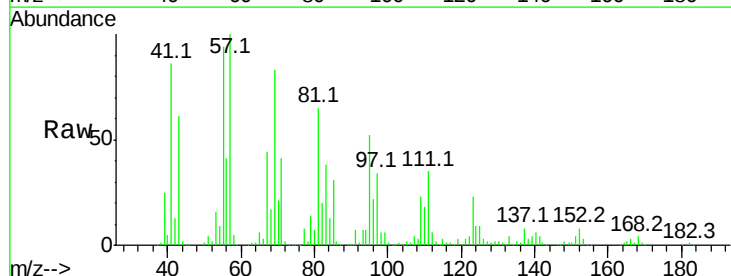
Instrument :
BNA_F
ClientSampleId :
IGW-2

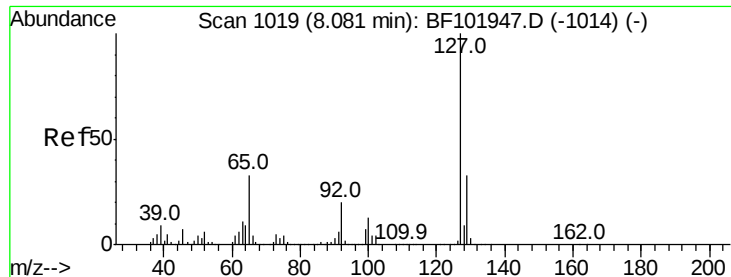
Tot Ion:128 Resp: 132636
Ion Ratio Lower Upper
128 100
129 51.5 8.8 13.2#
127 26.3 10.9 16.3#



#32
Benzoic acid
Concen: 8.853 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:122 Resp: 30768
Ion Ratio Lower Upper
122 100
105 62.4 101.1 141.1#
77 219.4 70.7 110.7#

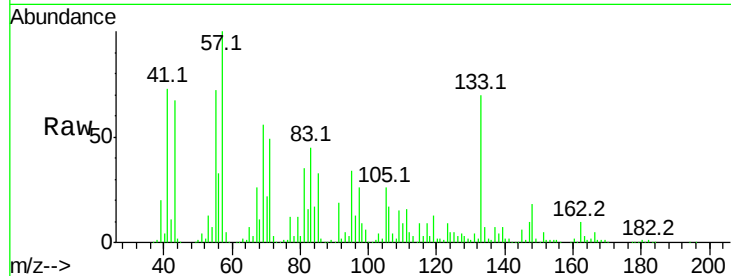




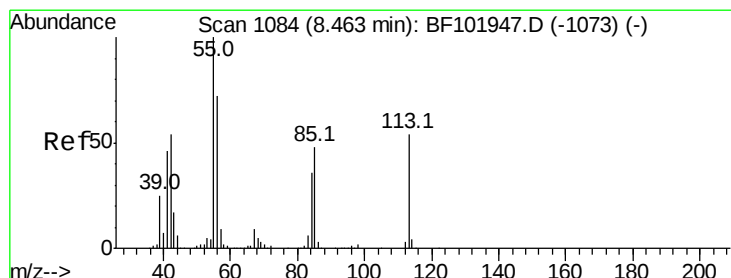
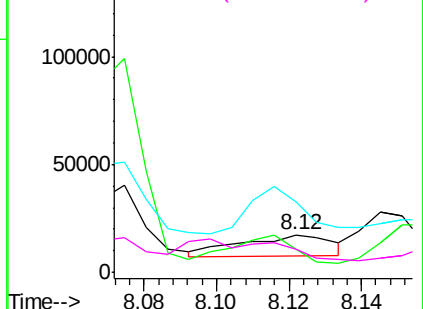
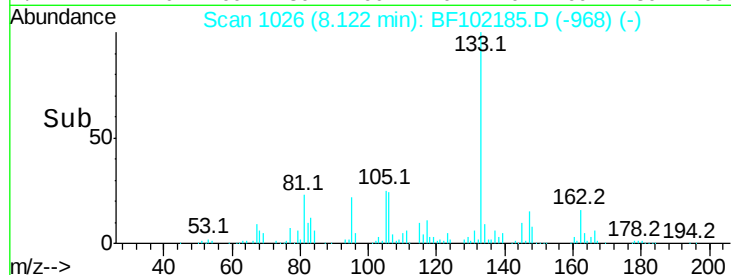
#33
4-Chloroaniline
Concen: 2.490 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.04 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampleId :
IGW-2

Tot Ion:127 Resp: 17029
Ion Ratio Lower Upper
127 100
129 62.2 25.9 38.9#
65 189.9 25.0 37.4#
92 61.8 15.2 22.8#

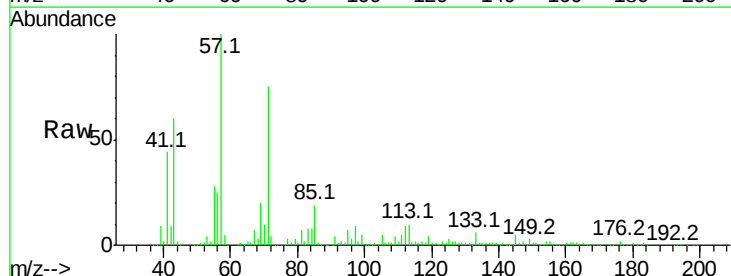


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

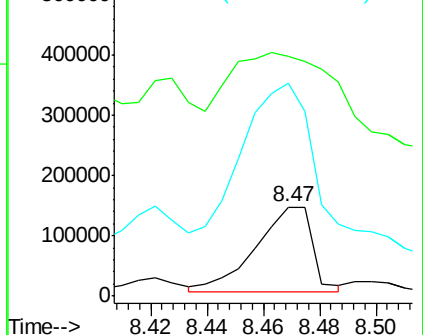
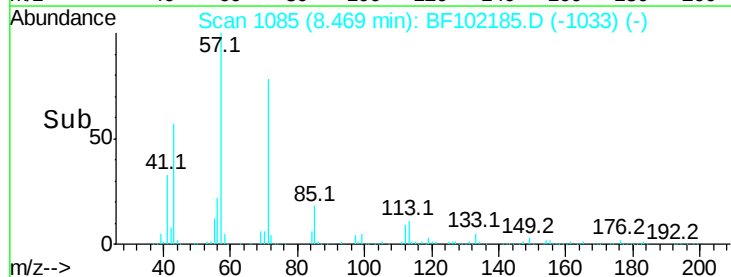


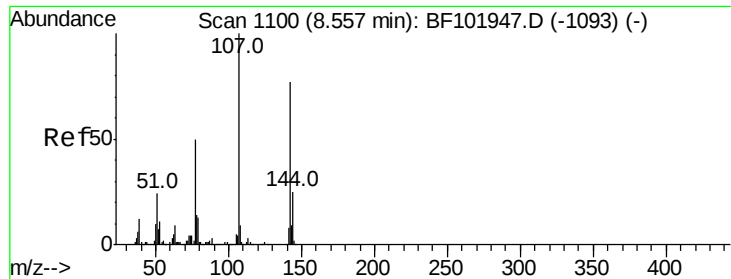
#35
Caprolactam
Concen: 130.305 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:113 Resp: 194686
Ion Ratio Lower Upper
113 100
55 269.1 163.3 203.3#
56 239.4 115.7 155.7#



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

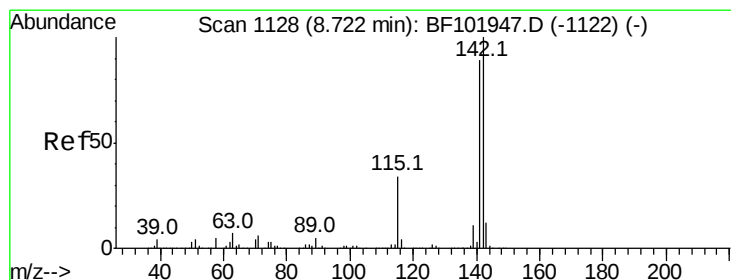
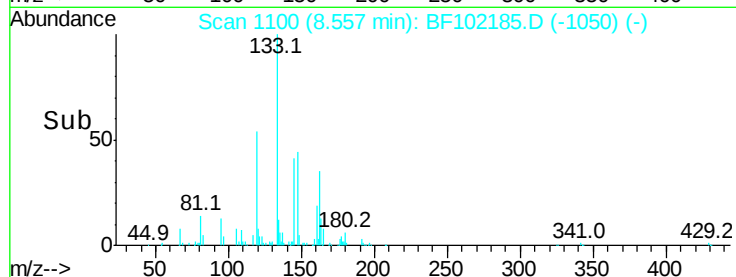
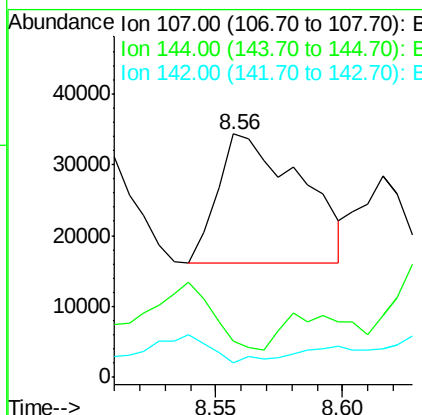
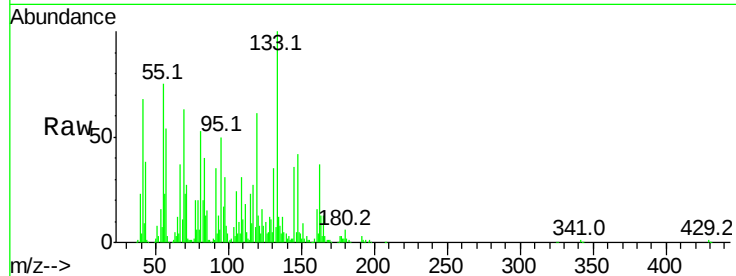




#36
 4-Chloro-3-methylphenol
 Concen: 8.637 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

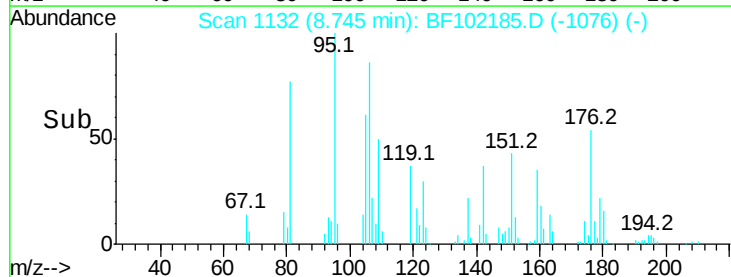
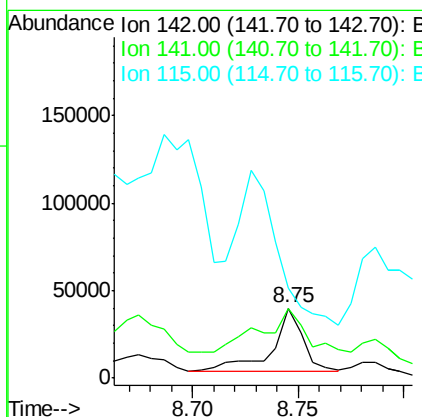
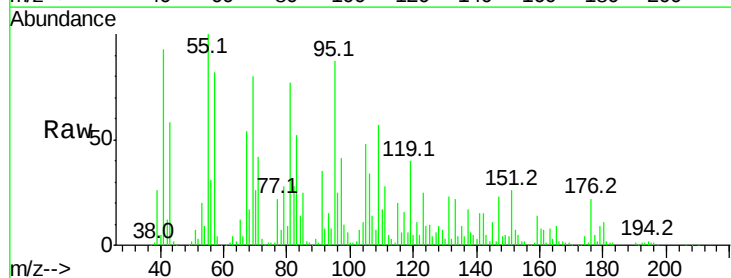
Instrument :
 BNA_F
 ClientSampleId :
 IGW-2

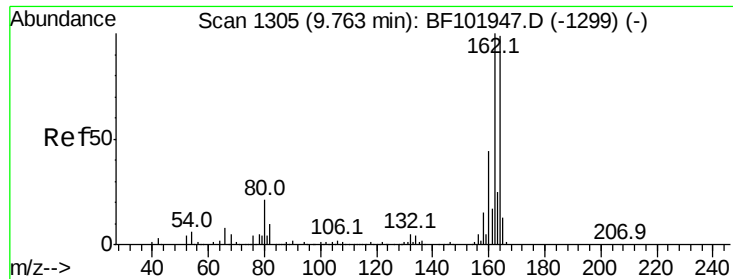
Tot Ion:107 Resp: 41144
 Ion Ratio Lower Upper
 107 100
 144 14.6 20.5 30.7#
 142 6.1 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 3.349 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.03 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

Tgt Ion:142 Resp: 35326
 Ion Ratio Lower Upper
 142 100
 141 99.2 70.8 106.2
 115 129.4 26.1 39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

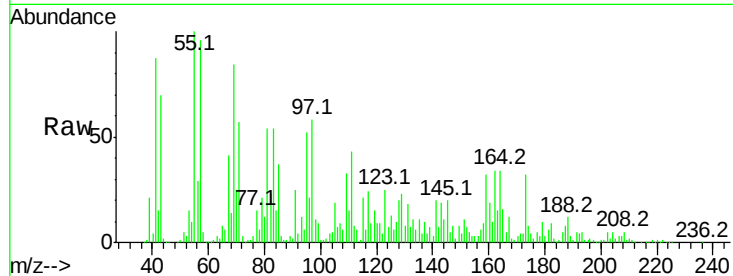
Tot Ion:164 Resp: 110760

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

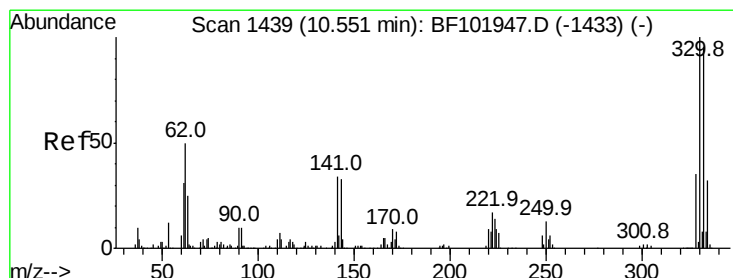
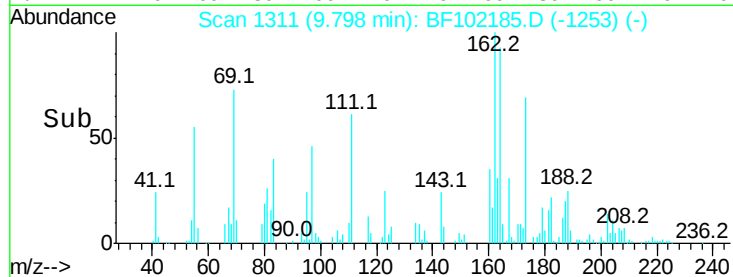
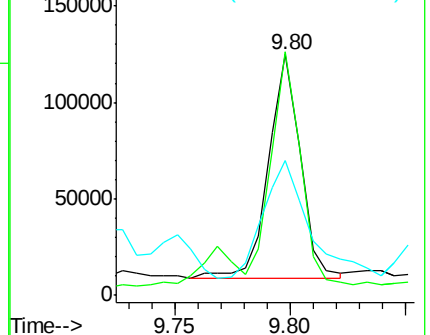
160 55.8 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 128.773 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.05 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

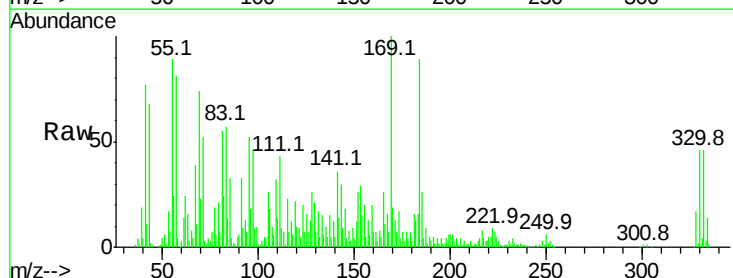
Tgt Ion:330 Resp: 124470

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

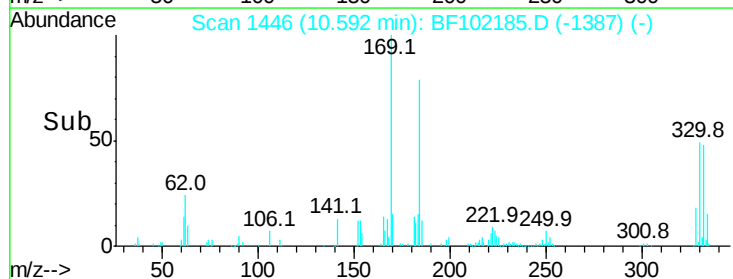
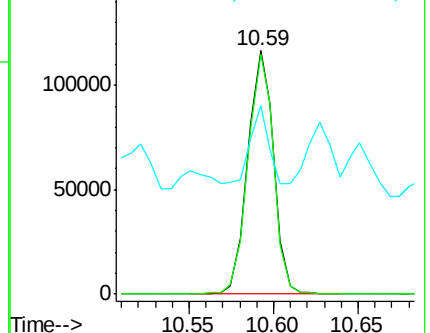
141 22.3 29.9 44.9#

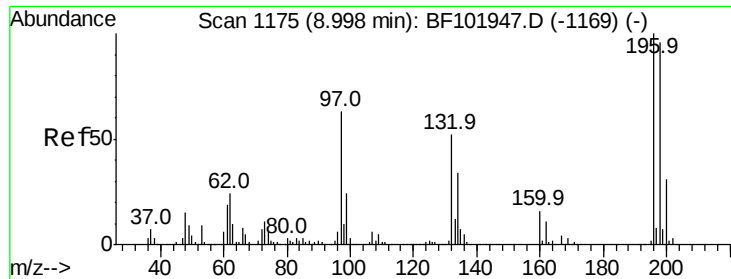


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 7.142 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.03 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

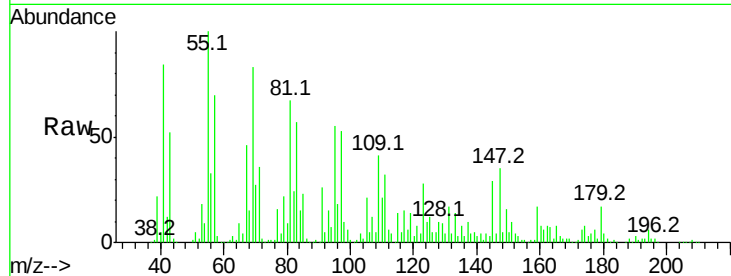
Tot Ion:196 Resp: 15421

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

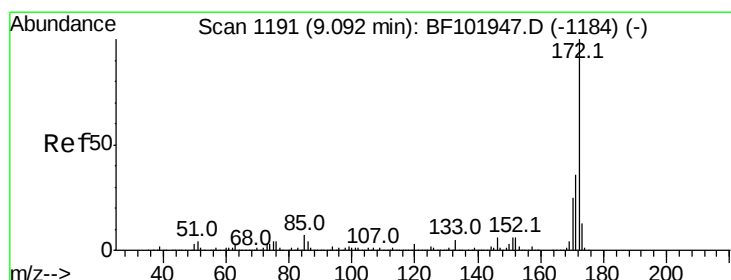
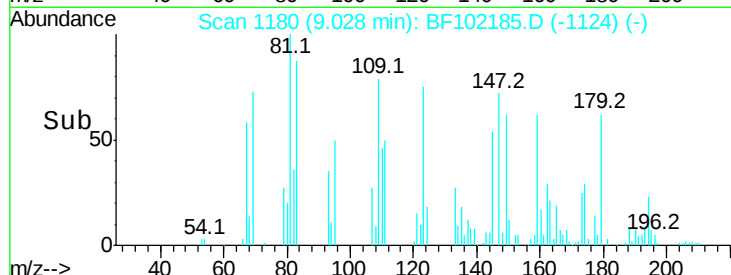
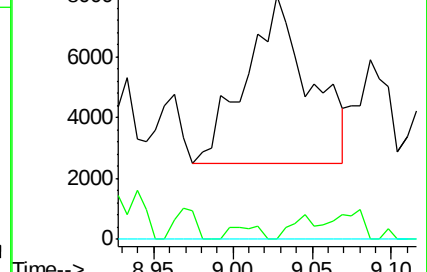
200 0.0 24.5 36.7#



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



#44

2-Fluorobiphenyl

Concen: 105.347 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

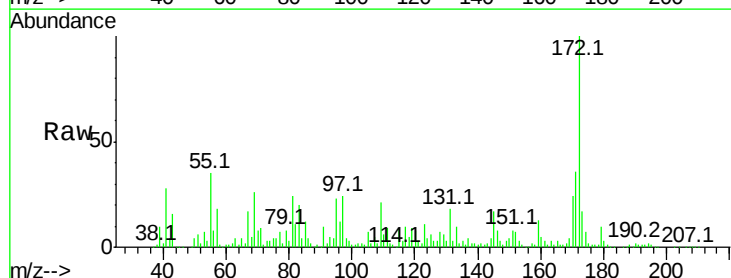
Tgt Ion:172 Resp: 746878

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

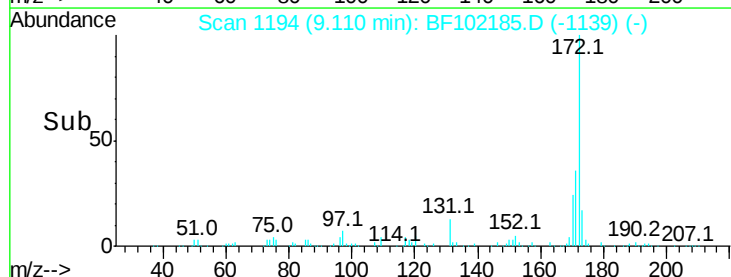
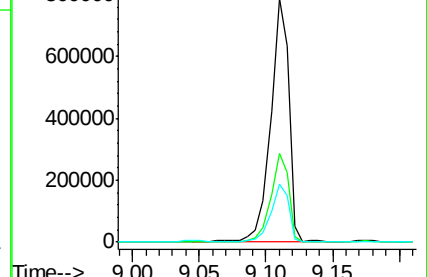
170 23.7 19.6 29.4

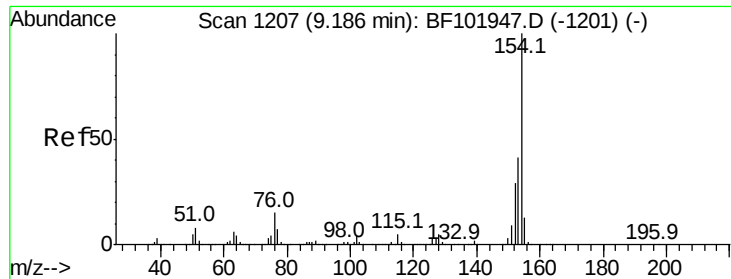


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 5.977 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.22 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

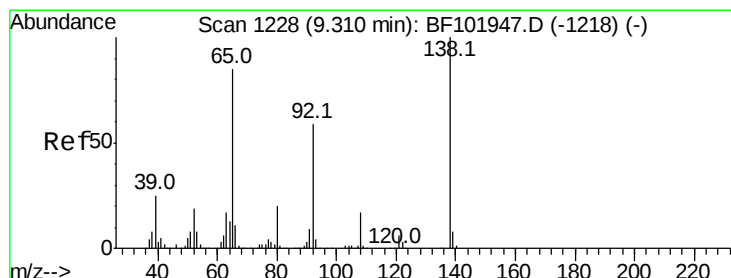
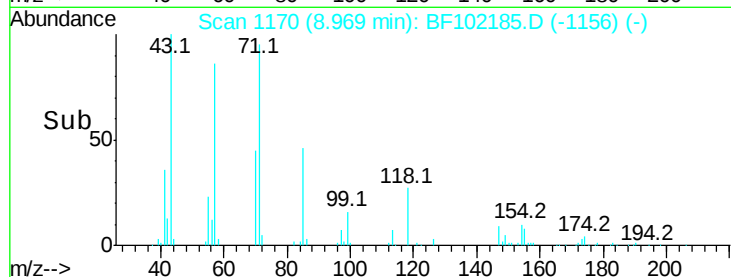
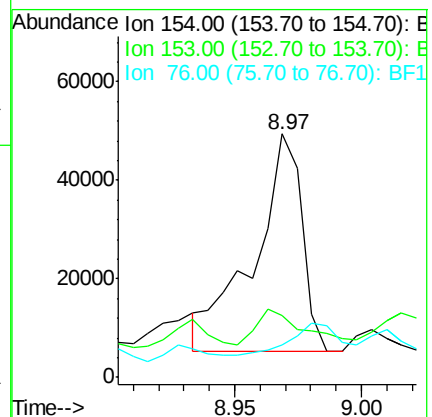
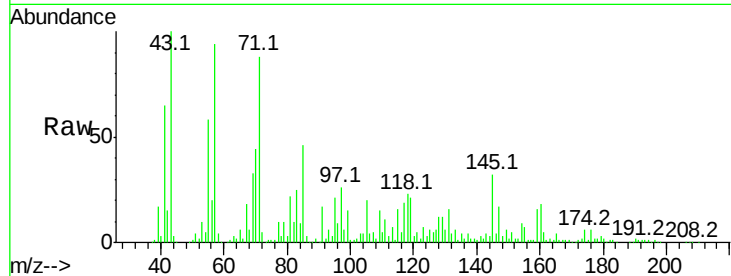
Tot Ion:154 Resp: 58512

Ion Ratio Lower Upper

154 100

153 25.4 21.3 61.3

76 13.2 0.0 34.0



#47

2-Nitroaniline

Concen: 2.650 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

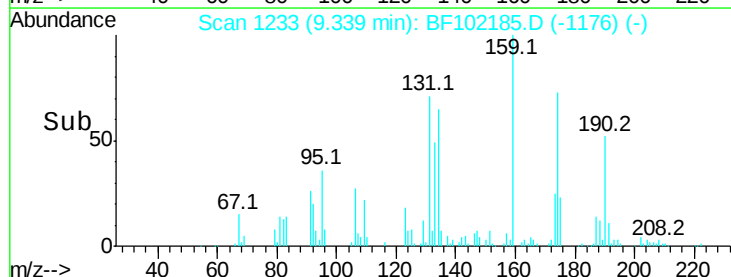
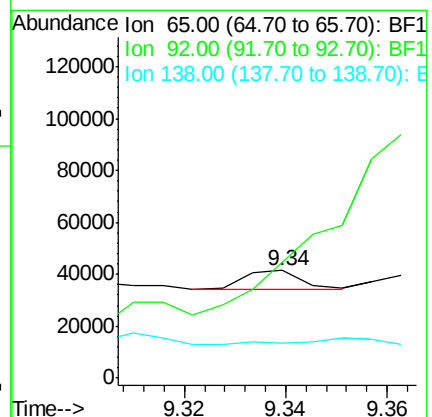
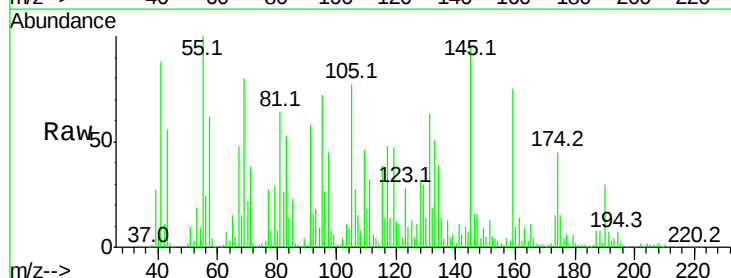
Tgt Ion: 65 Resp: 6026

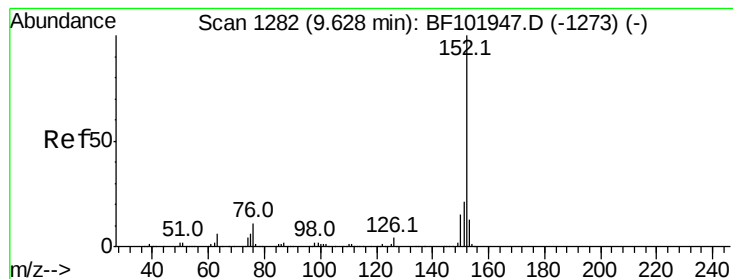
Ion Ratio Lower Upper

65 100

92 107.8 55.8 83.6#

138 32.4 91.2 136.8#





#48

Acenaphthylene

Concen: 2.088 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

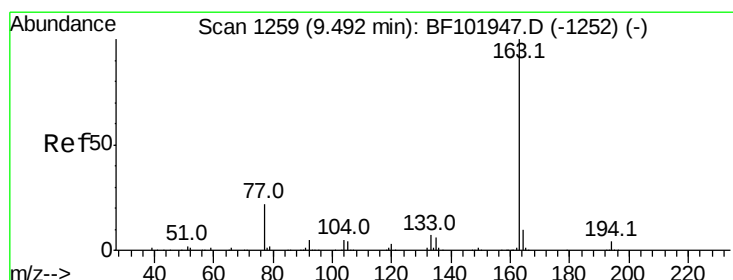
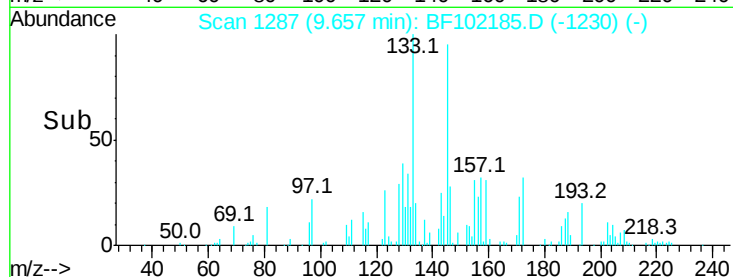
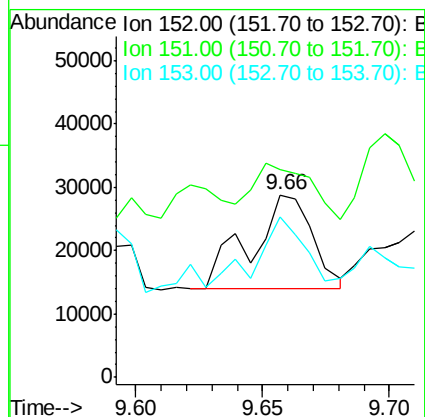
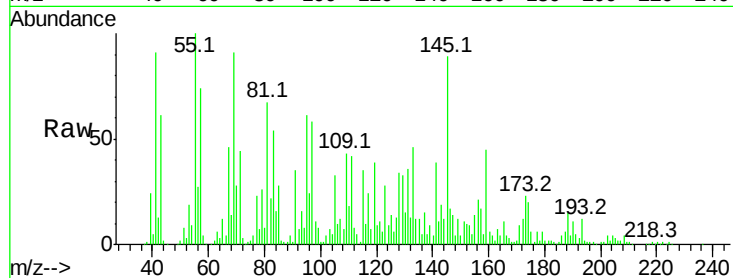
Tot Ion:152 Resp: 25152

Ion Ratio Lower Upper

152 100

151 114.4 16.3 24.5#

153 88.0 10.7 16.1#



#49

Dimethylphthalate

Concen: 11.362 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

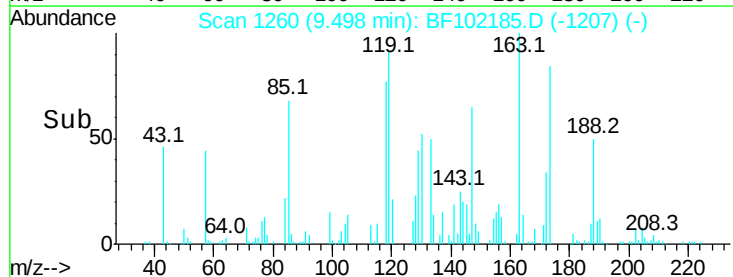
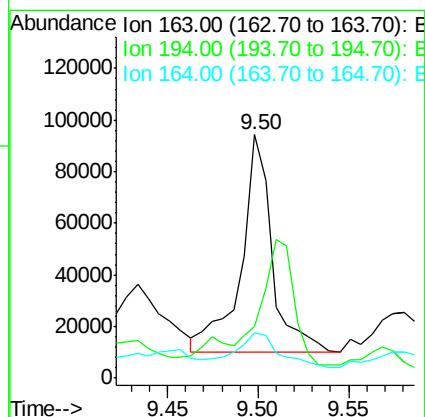
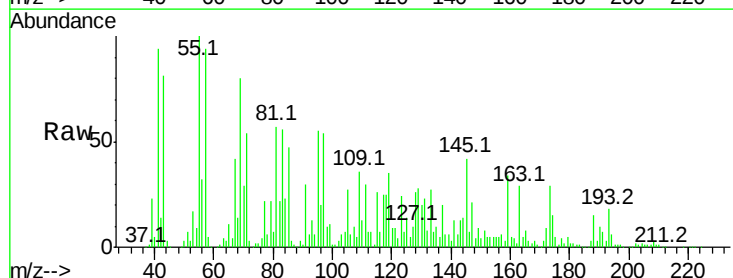
Tgt Ion:163 Resp: 100950

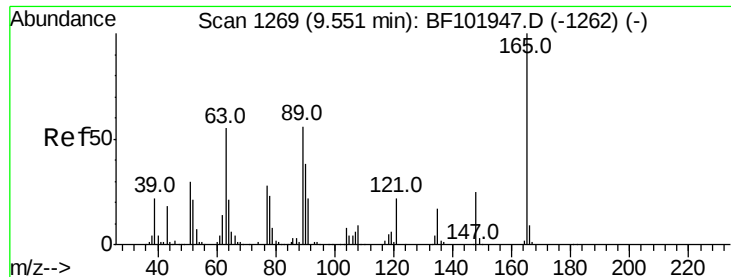
Ion Ratio Lower Upper

163 100

194 21.2 2.7 4.1#

164 18.7 8.2 12.2#

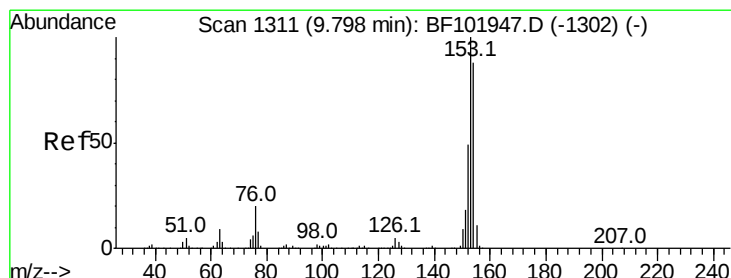
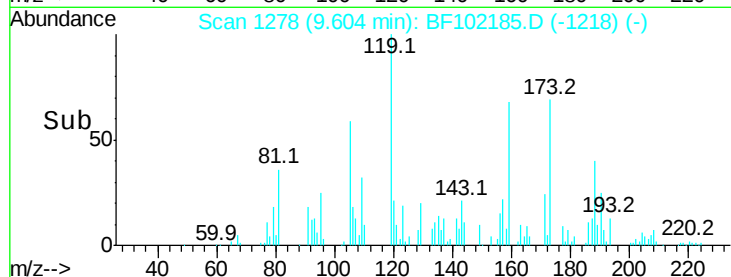
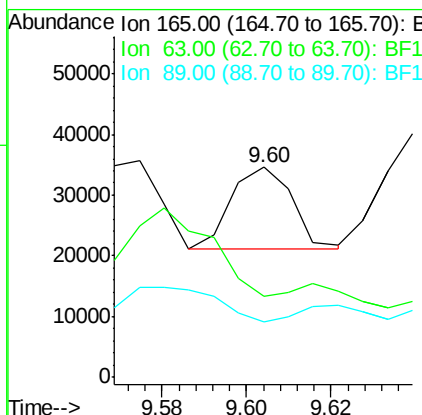
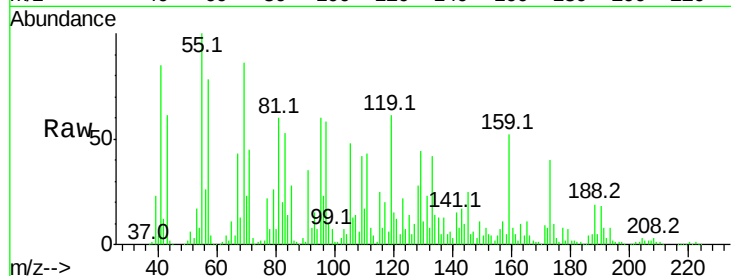




#50
 2,6-Dinitrotoluene
 Concen: 7.668 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.05 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

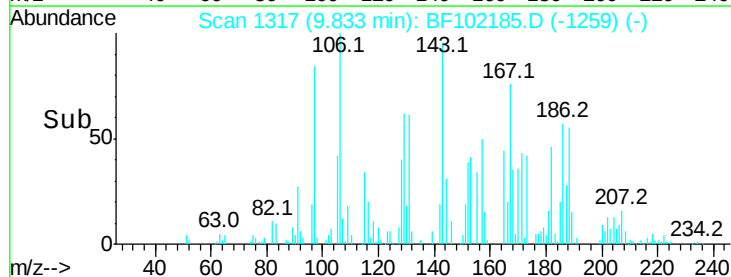
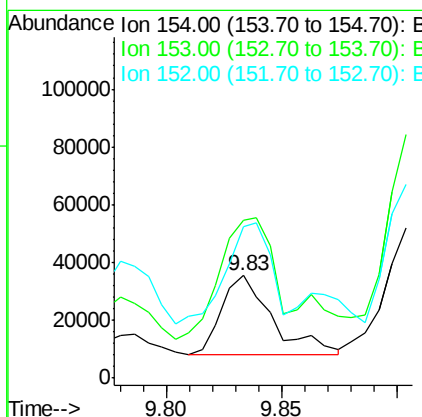
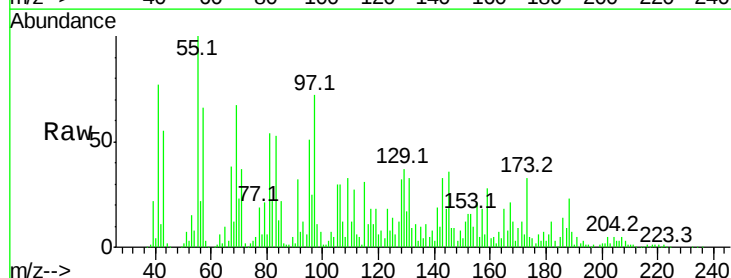
Instrument :
 BNA_F
 ClientSampleId :
 IGW-2

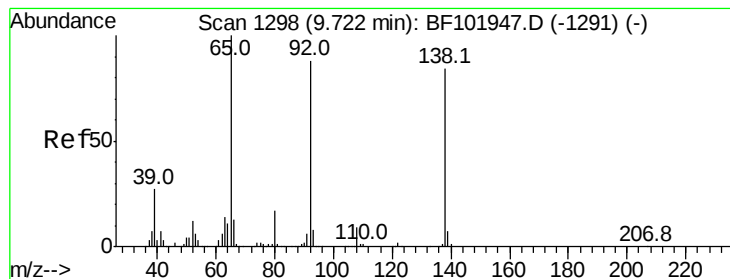
Tot Ion:165 Resp: 13609
 Ion Ratio Lower Upper
 165 100
 63 38.6 44.7 67.1#
 89 26.5 44.0 66.0#



#51
 Acenaphthene
 Concen: 5.727 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.04 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

Tgt Ion:154 Resp: 41877
 Ion Ratio Lower Upper
 154 100
 153 154.8 91.2 136.8#
 152 147.9 43.8 65.8#





#52

3-Nitroaniline

Concen: 6.477 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.03 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

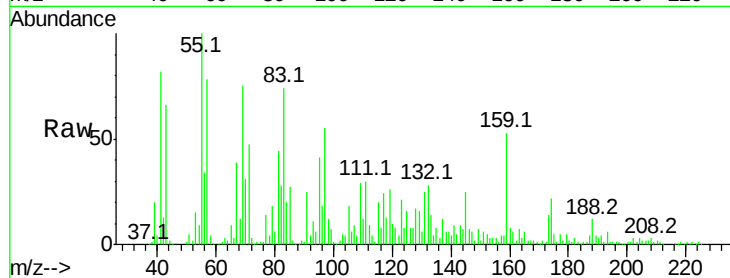
Tot Ion:138 Resp: 14509

Ion Ratio Lower Upper

138 100

108 72.1 9.4 14.0#

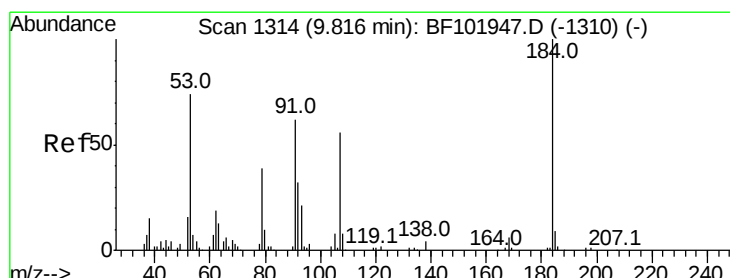
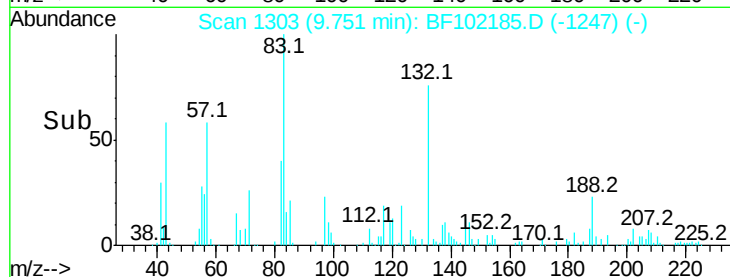
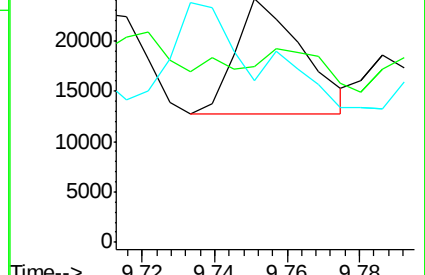
92 66.6 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 11.071 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.05 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

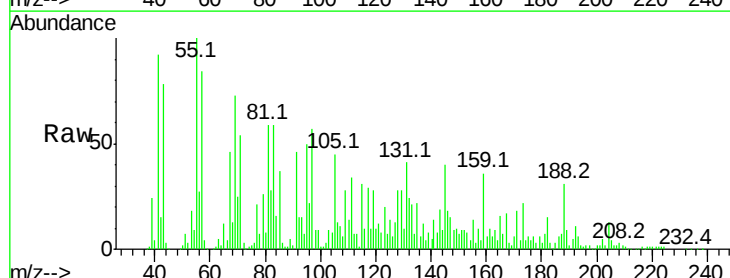
Tgt Ion:184 Resp: 1835

Ion Ratio Lower Upper

184 100

63 1187.4 54.2 81.2#

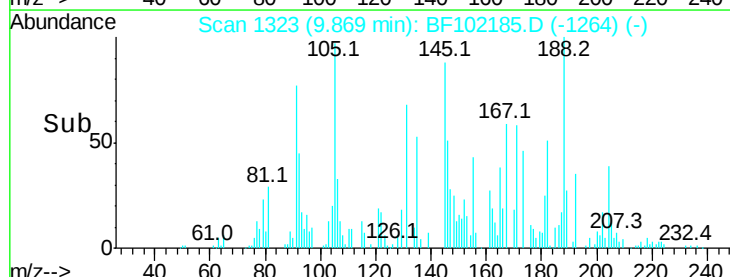
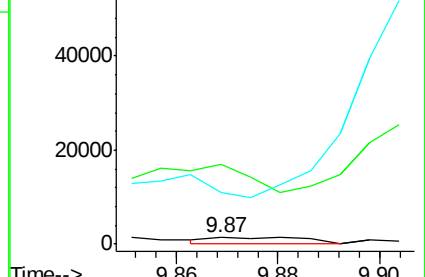
154 775.9 184.0 276.0#

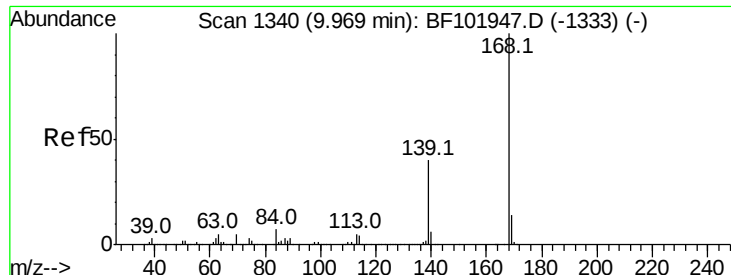


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.097 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

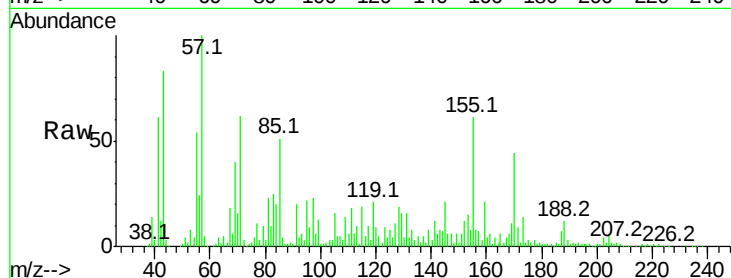
Tot Ion:168 Resp: 31084

Ion Ratio Lower Upper

168 100

139 137.4 30.1 45.1#

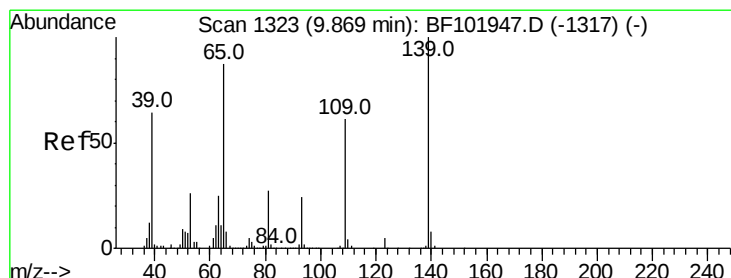
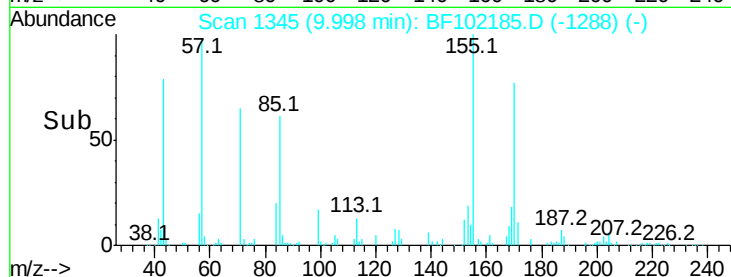
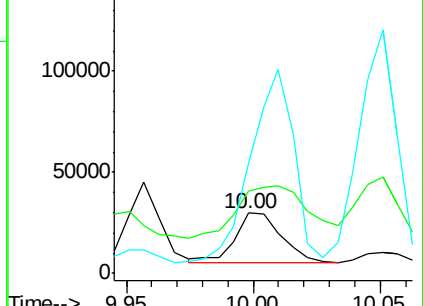
169 184.5 10.9 16.3#



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: 34.625 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.03 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

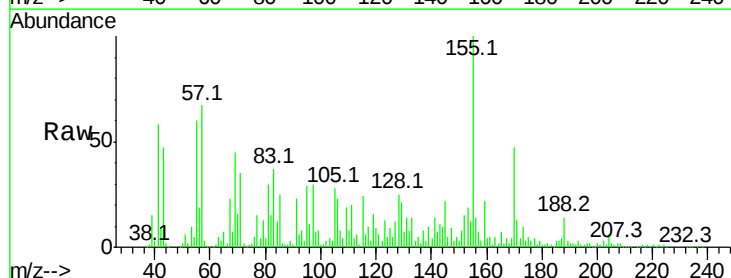
Tgt Ion:139 Resp: 57799

Ion Ratio Lower Upper

139 100

109 189.0 48.4 88.4#

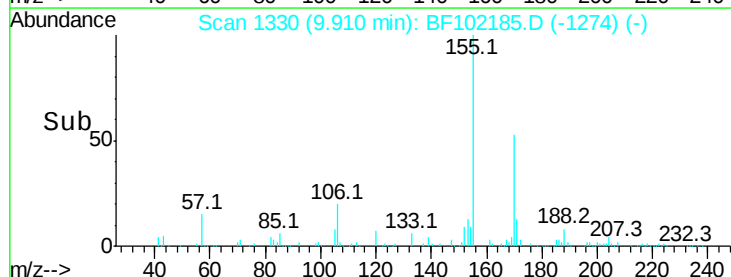
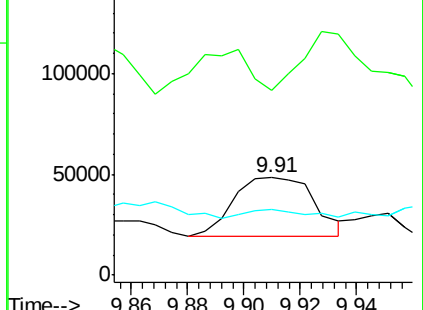
65 67.2 72.6 112.6#

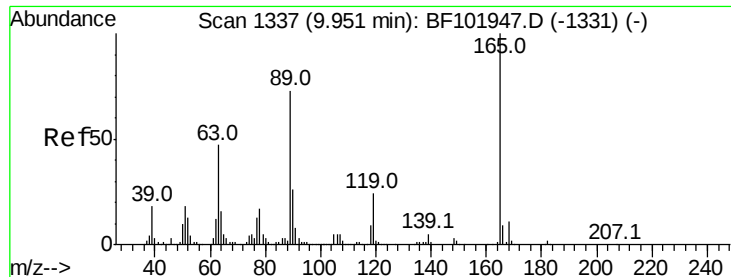


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

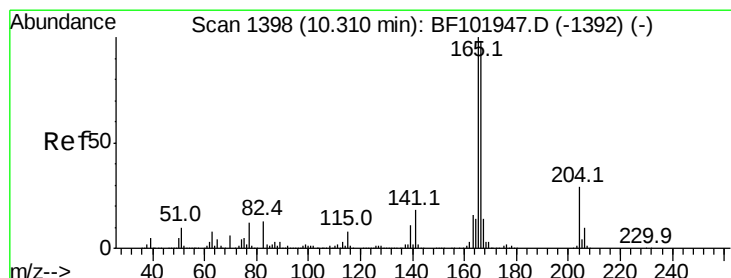
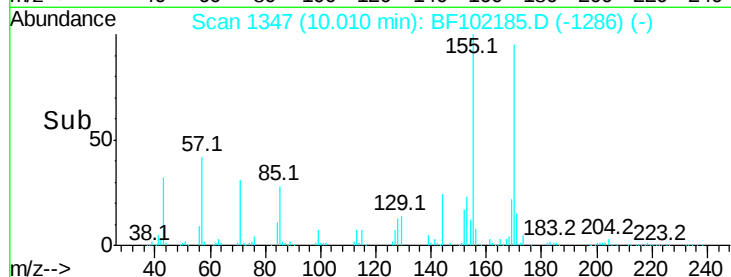
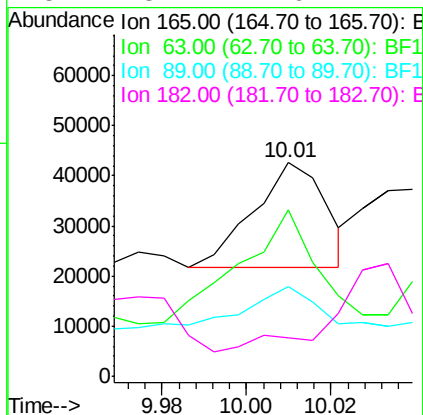
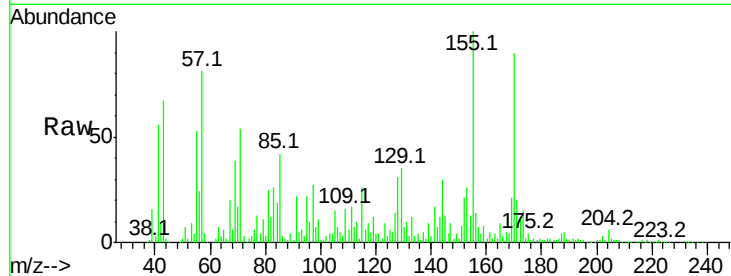




#56
2,4-Dinitrotoluene
Concen: 11.143 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

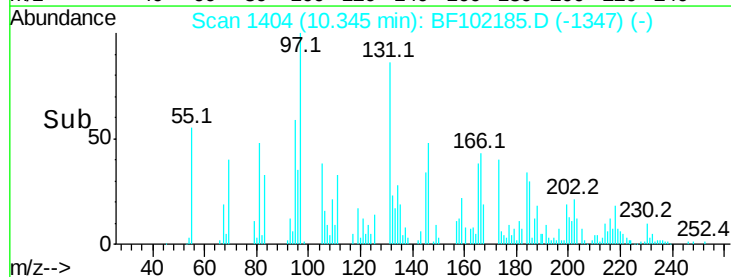
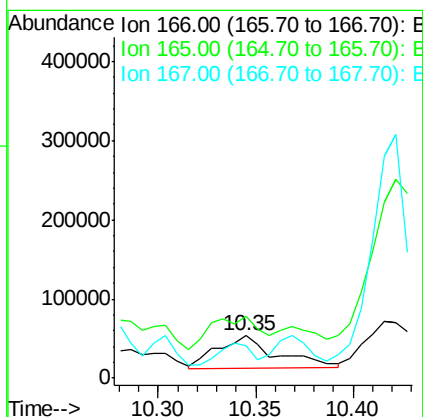
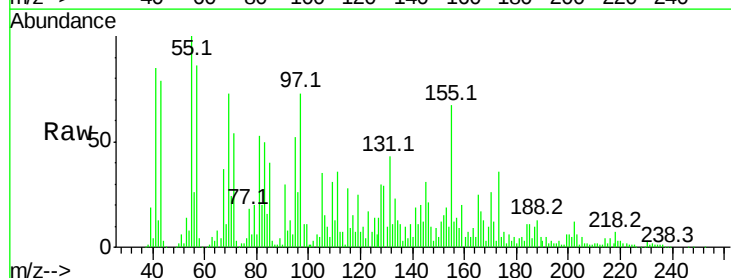
Instrument :
BNA_F
ClientSampleId :
IGW-2

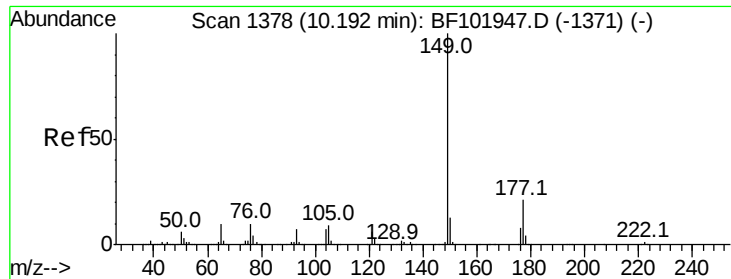
Tot Ion:165 Resp: 24789
Ion Ratio Lower Upper
165 100
63 77.9 36.4 54.6#
89 41.7 57.8 86.6#
182 18.1 1.6 2.4#



#57
Fluorene
Concen: 12.099 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.04 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:166 Resp: 83943
Ion Ratio Lower Upper
166 100
165 145.9 79.8 119.8#
167 76.1 10.6 16.0#

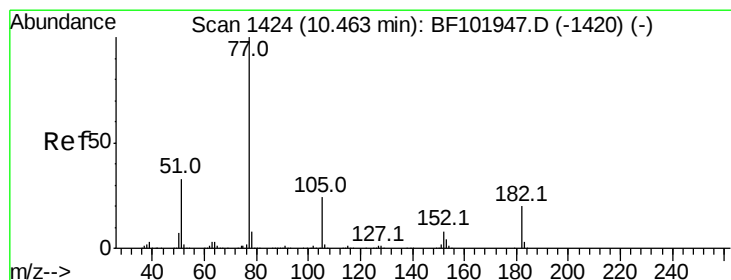
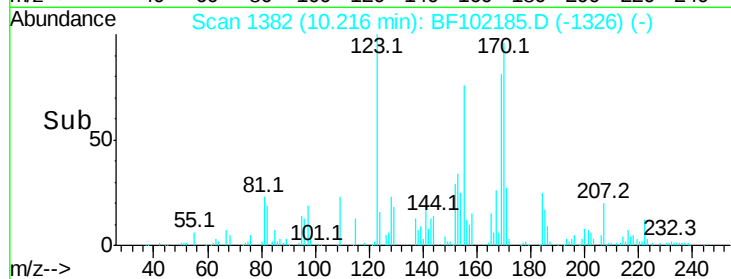
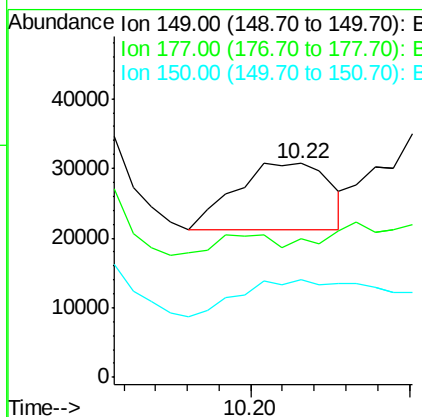
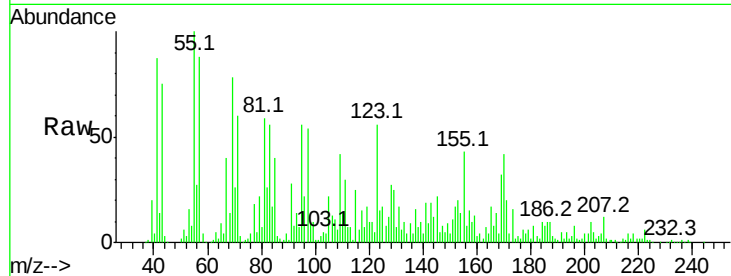




#59
Diethylphthalate
Concen: 2.227 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.03 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

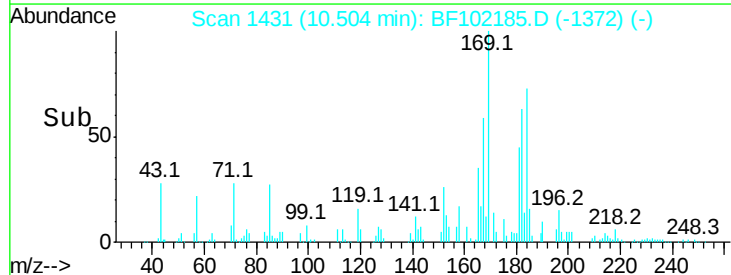
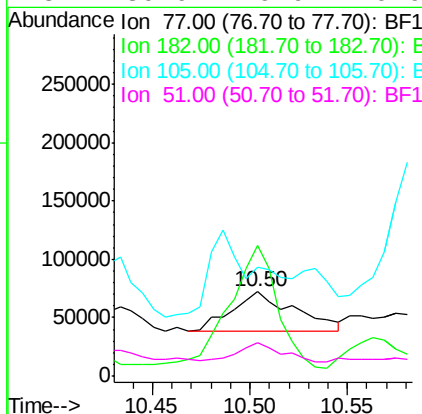
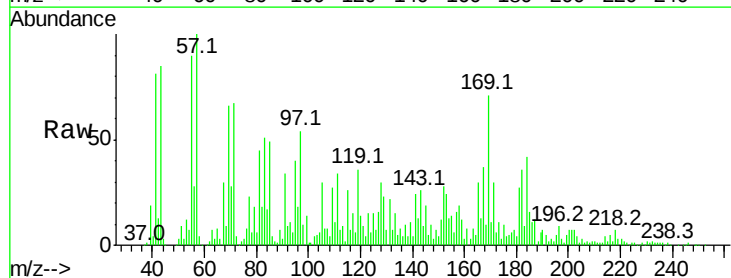
Instrument :
BNA_F
ClientSampled :
IGW-2

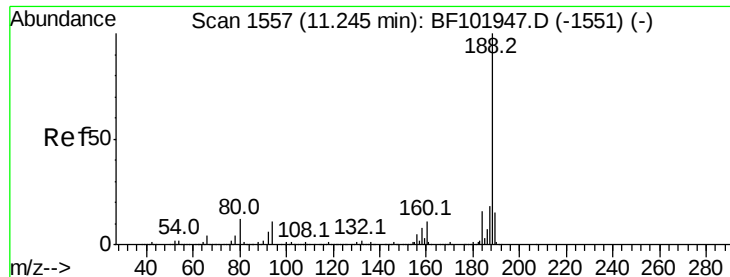
Tot Ion:149 Resp: 19686
Ion Ratio Lower Upper
149 100
177 64.6 16.1 24.1#
150 45.6 10.1 15.1#



#62
Azobenzene
Concen: 8.551 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.05 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion: 77 Resp: 75192
Ion Ratio Lower Upper
77 100
182 155.2 1.7 41.7#
105 128.6 3.0 43.0#
51 39.9 9.9 49.9

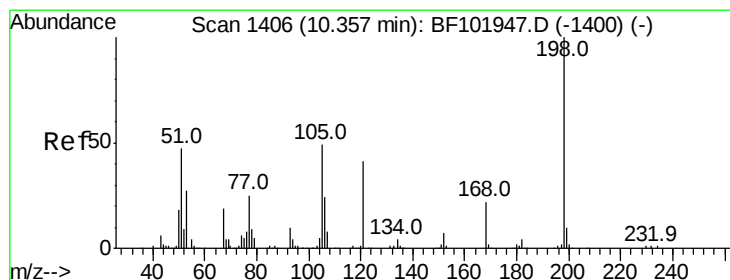
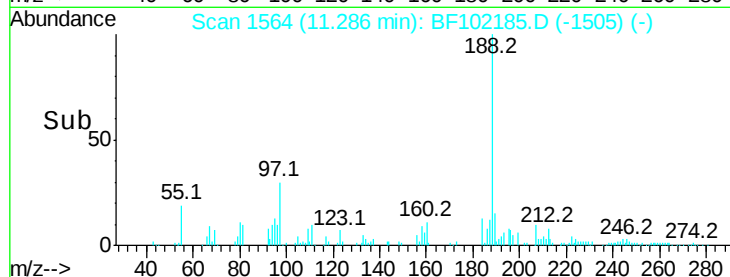
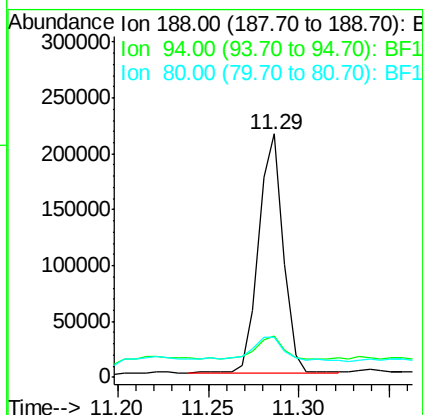
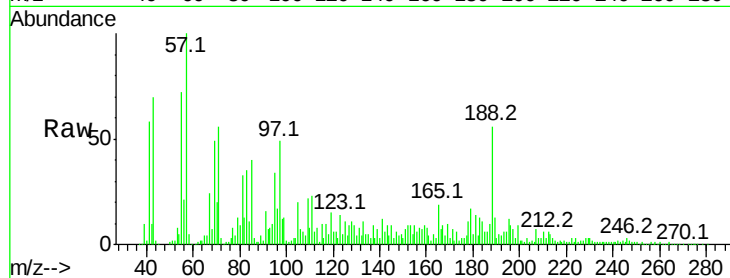




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.05 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

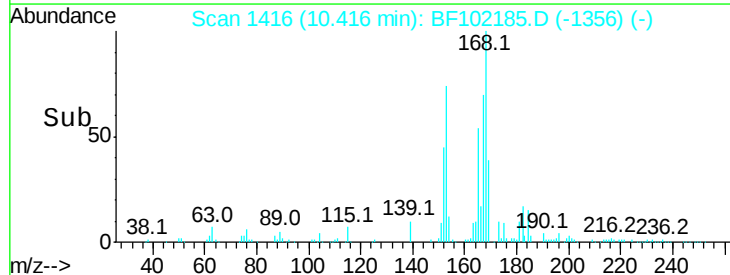
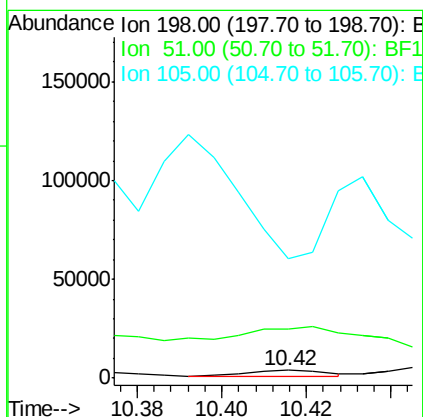
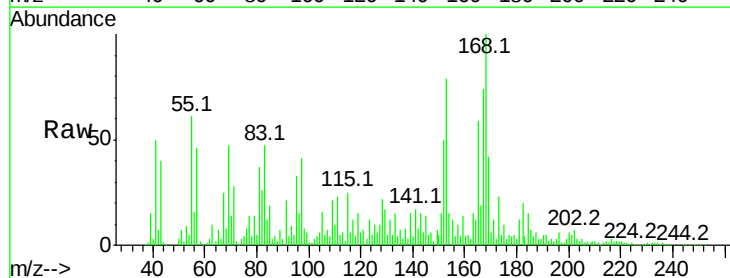
Instrument :
BNA_F
ClientSampleId :
IGW-2

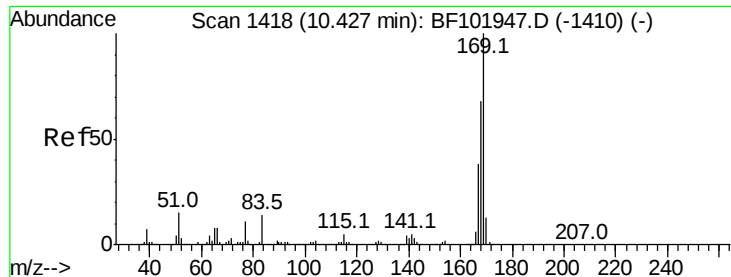
Tot Ion:188 Resp: 204353
Ion Ratio Lower Upper
188 100
94 17.1 8.5 12.7#
80 16.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.722 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.05 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:198 Resp: 3850
Ion Ratio Lower Upper
198 100
51 644.7 37.7 77.7#
105 1555.3 36.3 76.3#

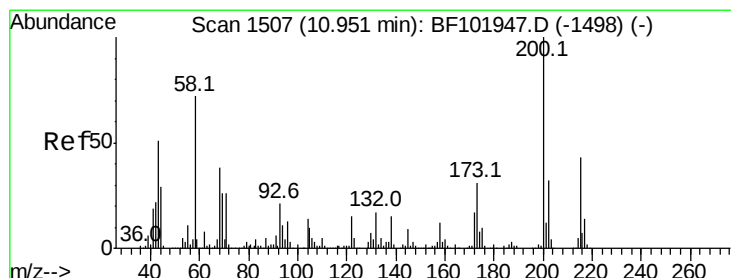
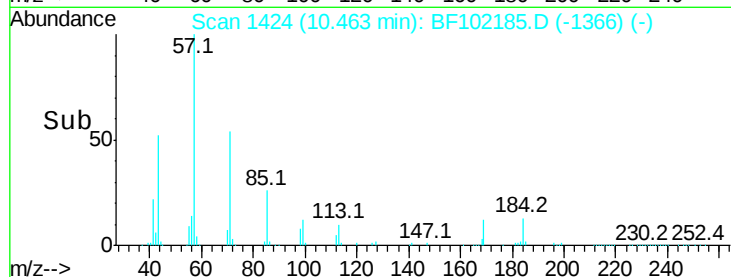
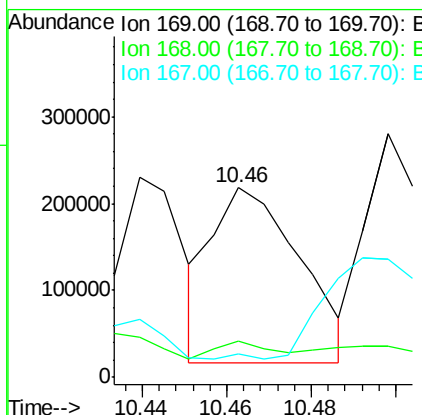
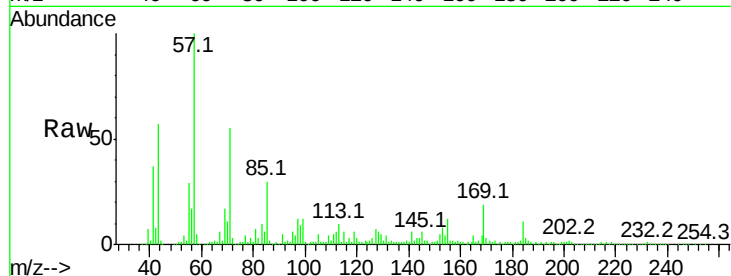




#65
n-Nitrosodiphenylamine
Concen: 38.028 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.04 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

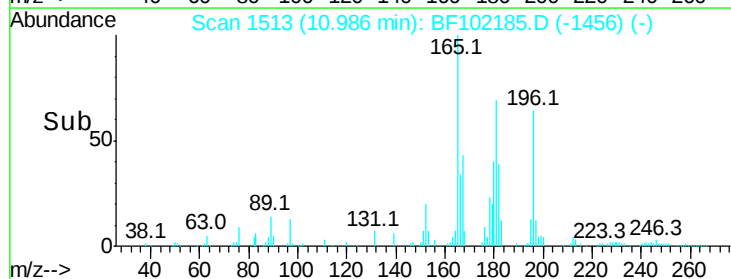
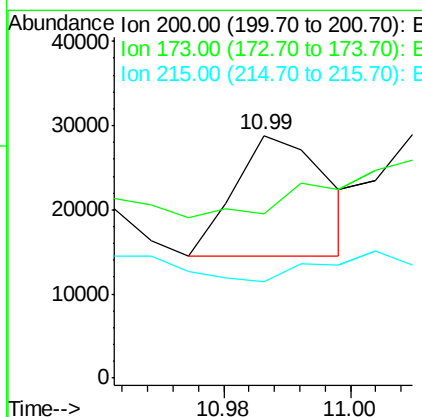
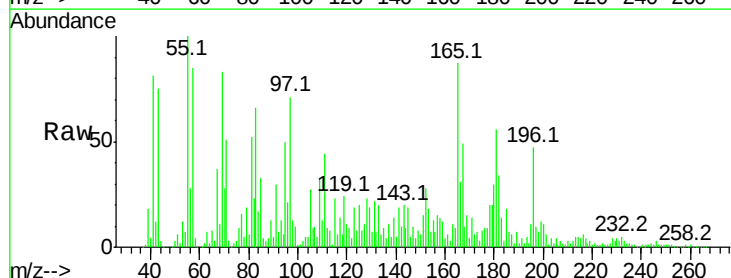
Instrument :
BNA_F
ClientSampleId :
IGW-2

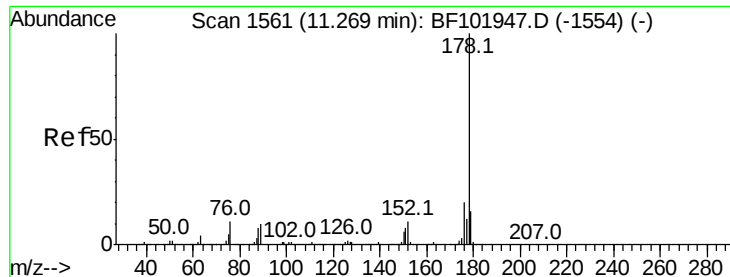
Tot Ion:169 Resp: 290997
Ion Ratio Lower Upper
169 100
168 19.0 54.4 81.6#
167 12.3 29.8 44.6#



#68
Atrazine
Concen: 6.582 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.04 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:200 Resp: 14556
Ion Ratio Lower Upper
200 100
173 67.4 8.6 48.6#
215 39.6 25.1 65.1





#70

Phenanthrene

Concen: 9.211 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.04 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

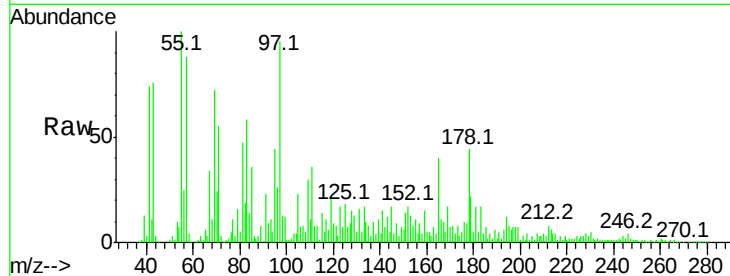
Tot Ion:178 Resp: 109954

Ion Ratio Lower Upper

178 100

176 23.1 15.8 23.8

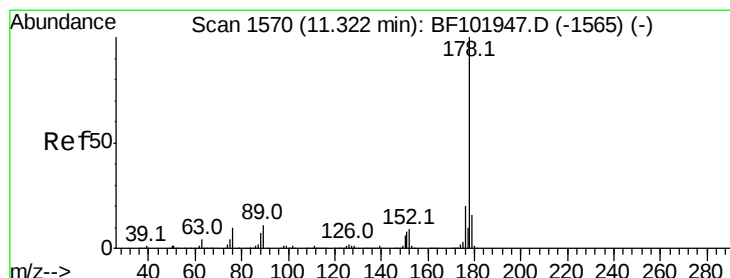
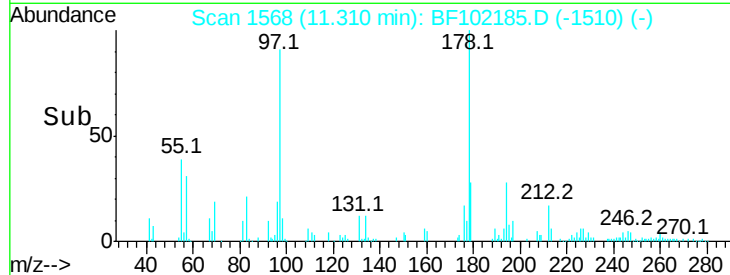
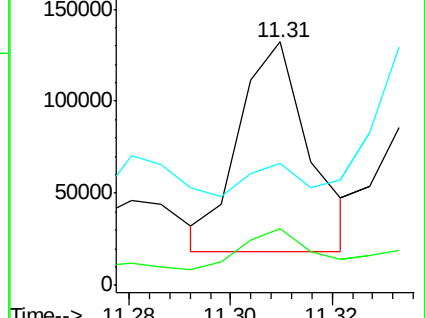
179 50.1 13.0 19.6#



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: 7.032 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.02 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

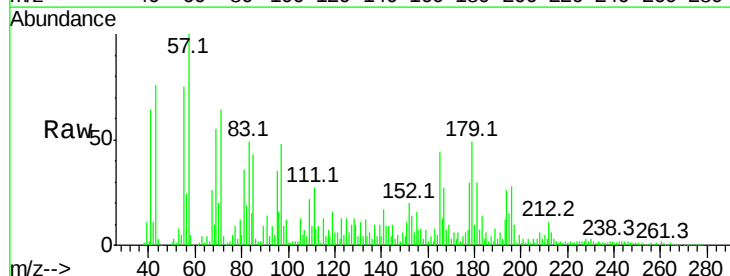
Tgt Ion:178 Resp: 85129

Ion Ratio Lower Upper

178 100

176 21.7 15.4 23.2

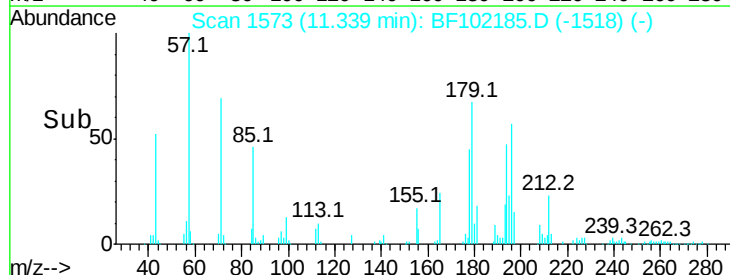
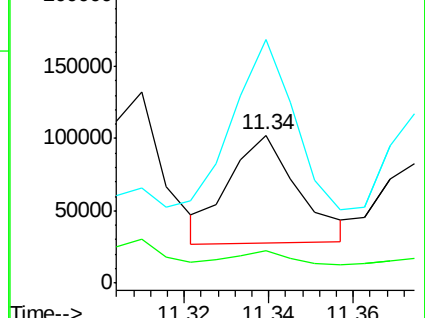
179 164.6 12.6 19.0#

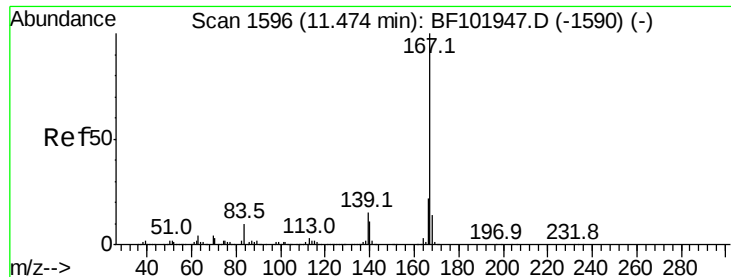


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.143 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.08 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

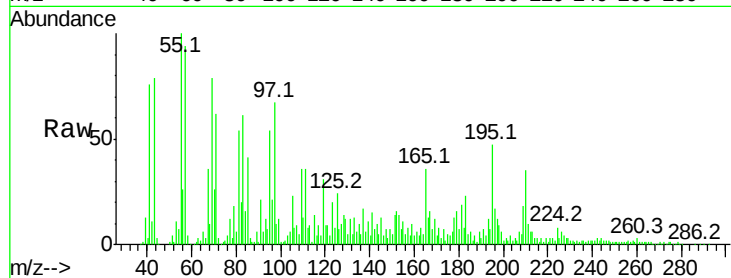
Tot Ion:167 Resp: 25500

Ion Ratio Lower Upper

167 100

166 78.5 17.6 26.4#

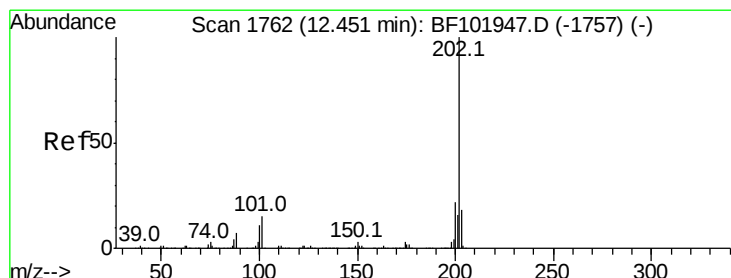
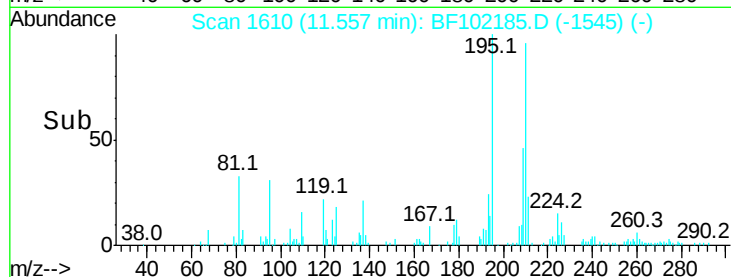
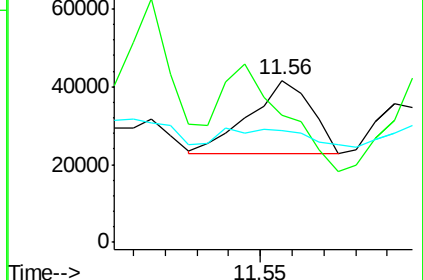
139 68.9 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 21.653 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.25 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

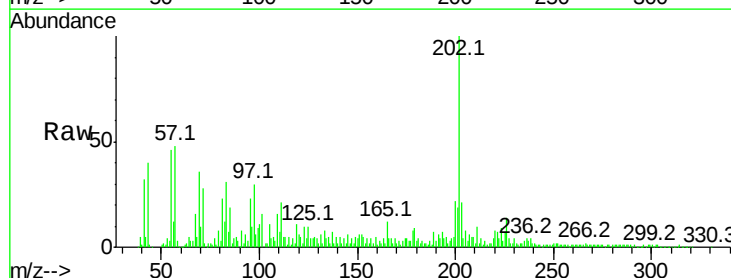
Tgt Ion:202 Resp: 254300

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

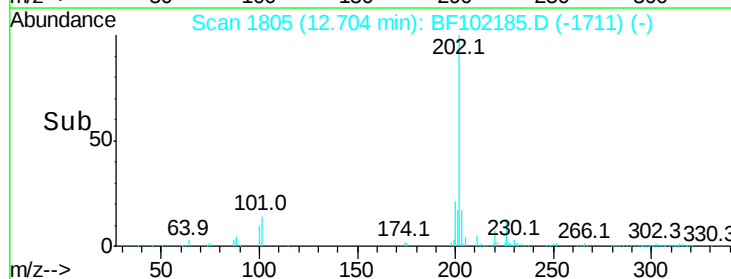
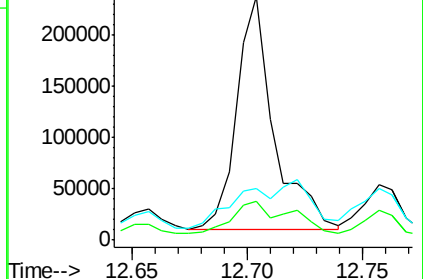
203 21.2 0.0 38.1

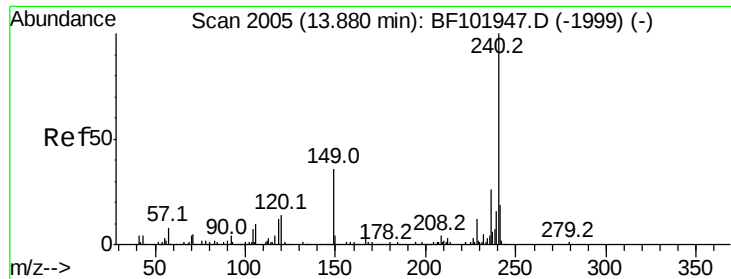


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

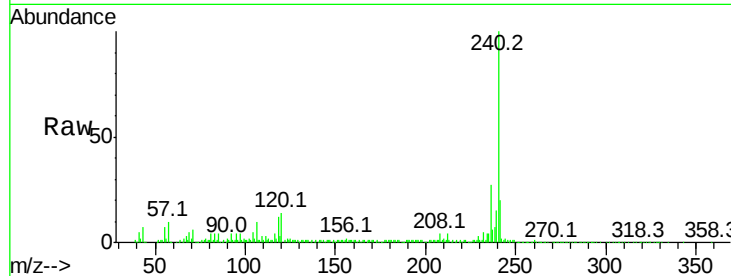
Tot Ion:240 Resp: 252296

Ion Ratio Lower Upper

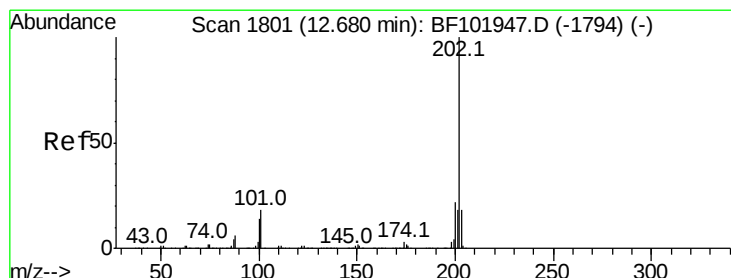
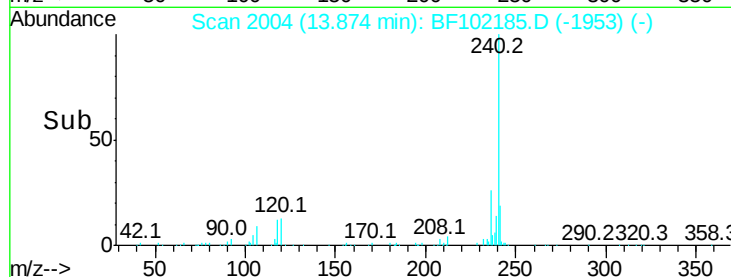
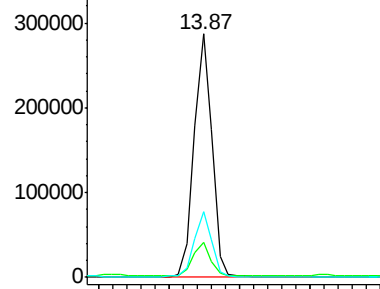
240 100

120 14.1 9.5 14.3

236 26.8 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



#77

Pyrene

Concen: 11.403 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.02 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

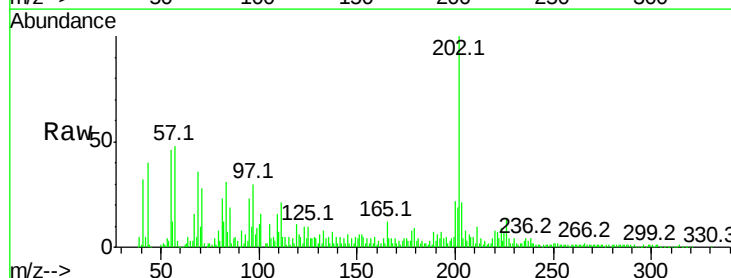
Tgt Ion:202 Resp: 254300

Ion Ratio Lower Upper

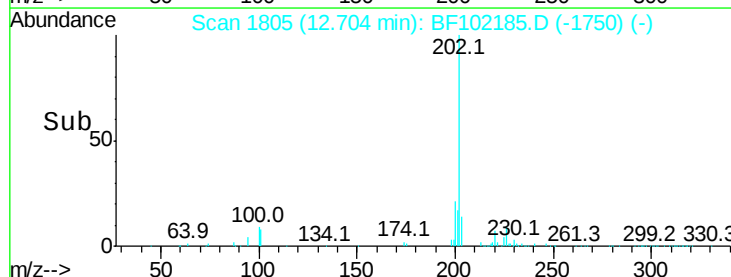
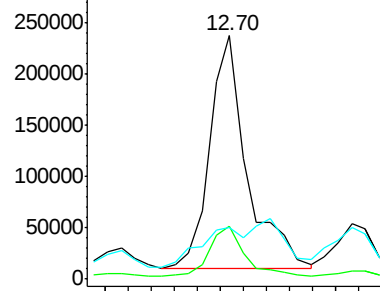
202 100

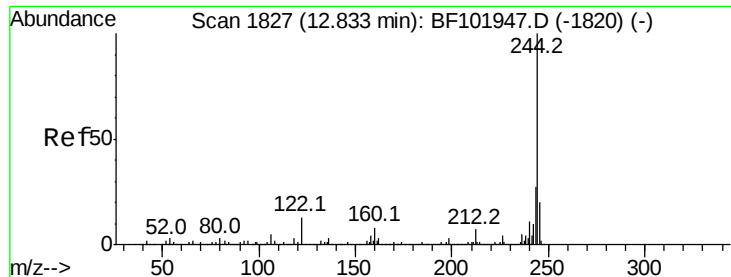
200 21.7 17.4 26.2

203 21.2 14.3 21.5



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





#78

Terphenyl-d14

Concen: 54.044 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

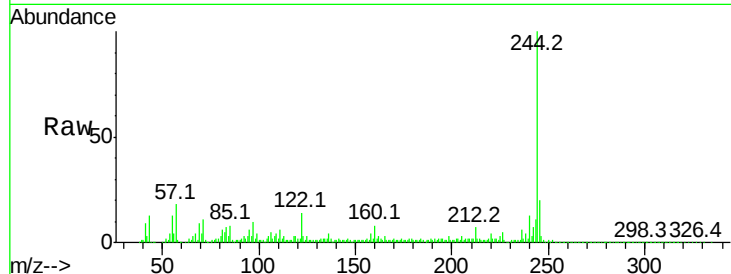
Tot Ion:244 Resp: 656712

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

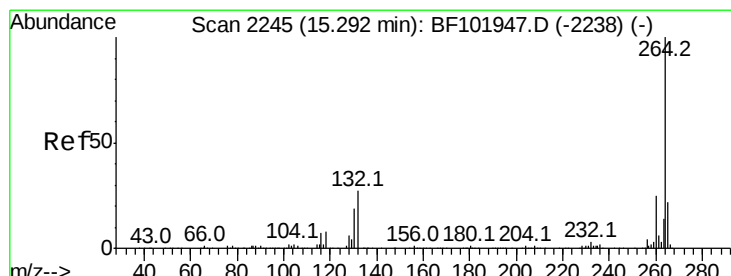
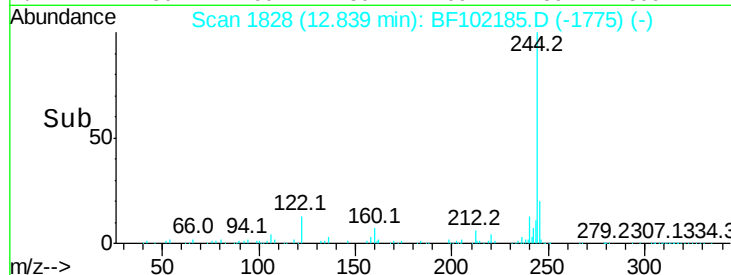
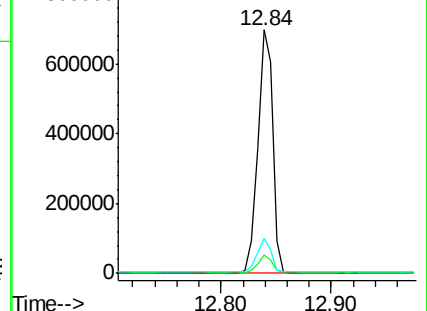
122 14.2 11.0 16.4



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: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

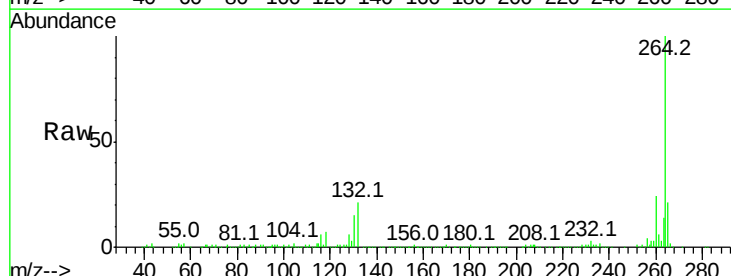
Tgt Ion:264 Resp: 258270

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

