

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094679.D
 Acq On : 27 Apr 2017 22:25
 Operator : SJ/MA
 Sample : I2820-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:23:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

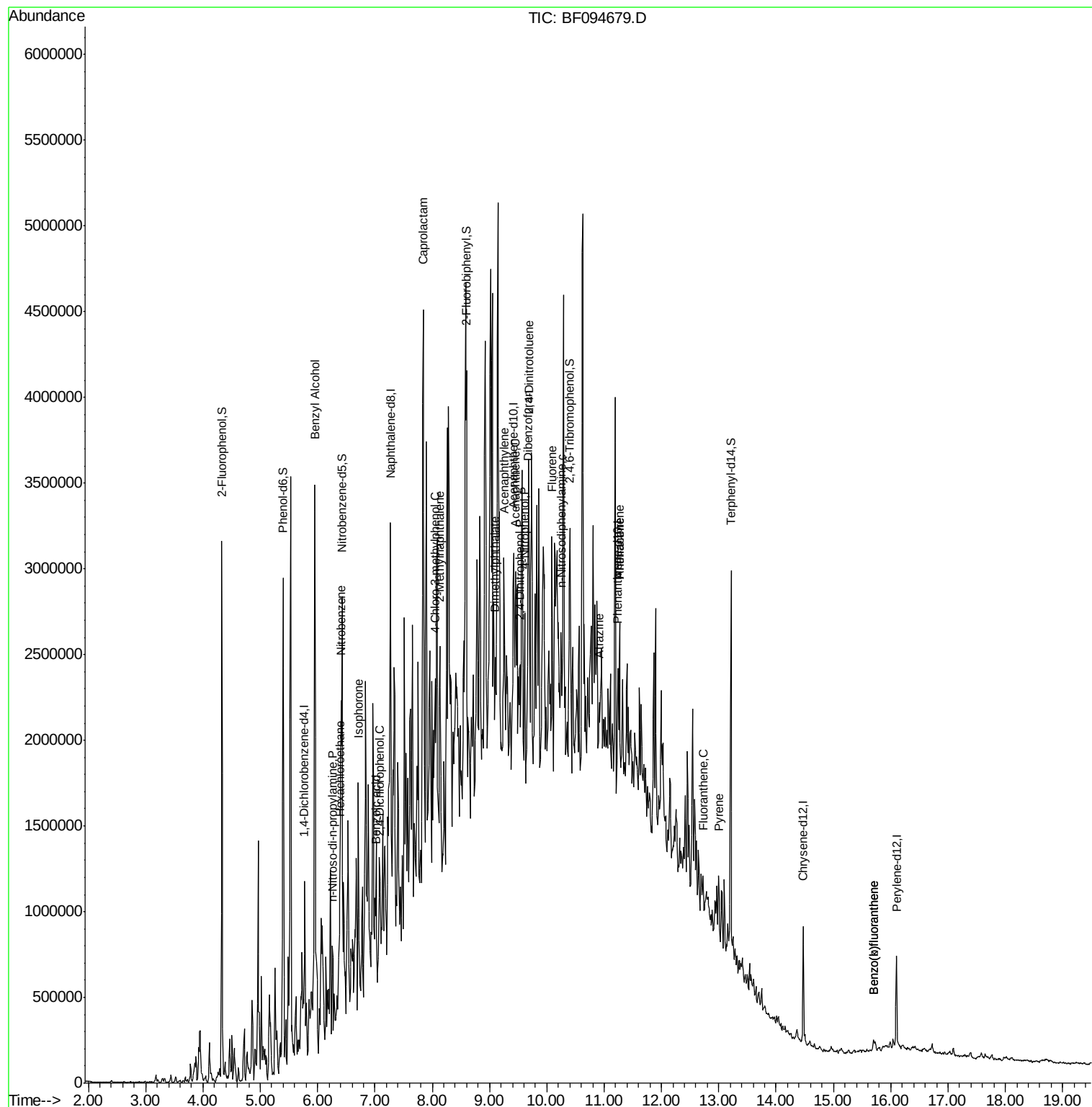
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109514	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	376965	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	175789	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	315414	20.00	ng	0.01
75) Chrysene-d12	14.47	240	268828	20.00	ng	0.00
86) Perylene-d12	16.10	264	213637	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	963743	146.00	ng	0.03
7) Phenol-d6	5.40	99	1181347	151.81	ng	0.00
23) Nitrobenzene-d5	6.43	82	737763	120.85	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	216376	157.37	ng	0.02
44) 2-Fluorobiphenyl	8.60	172	1084693	90.79	ng	0.00
78) Terphenyl-d14	13.21	244	945860	94.05	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	5.95	79	16673	2.89	ng	# 45
18) Hexachloroethane	6.38	117	110348	38.45	ng	# 1
19) n-Nitroso-di-n-propylamine	6.27	70	16364	3.17	ng	# 66
24) Nitrobenzene	6.40	77	48953	7.61	ng	# 26
25) Isophorone	6.71	82	80401	7.10	ng	# 1
29) 2,4-Dichlorophenol	7.10	162	14450	2.77	ng	# 7
32) Benzoic acid	7.03	122	9917	3.34	ng	# 41
35) Caprolactam	7.84	113	84612	51.61	ng	# 54
36) 4-Chloro-3-methylphenol	8.04	107	14446	2.64	ng	# 34
37) 2-Methylnaphthalene	8.14	142	192315	15.51	ng	# 96
48) Acenaphthylene	9.25	152	43924	2.47	ng	# 1
49) Dimethylphthalate	9.10	163	157595	12.03	ng	# 98
51) Acenaphthene	9.45	154	91785	8.61	ng	# 91
53) 2,4-Dinitrophenol	9.53	184	886	6.27	ng	# 1
54) Dibenzofuran	9.67	168	68401	4.41	ng	# 33
55) 4-Nitrophenol	9.61	139	12338	5.13	ng	# 15
56) 2,4-Dinitrotoluene	9.68	165	41765	11.58	ng	# 56
57) Fluorene	10.09	166	168962	14.00	ng	# 88
65) n-Nitrosodiphenylamine	10.25	169	192851	17.58	ng	# 51
68) Atrazine	10.92	200	10930	3.33	ng	# 63
70) Phenanthrene	11.27	178	522262	29.40	ng	# 97
71) Anthracene	11.27	178	522262	28.43	ng	# 98
74) Fluoranthene	12.72	202	91437	4.97	ng	# 95
77) Pyrene	13.00	202	145338	7.74	ng	# 95
87) Benzo(b)fluoranthene	15.70	252	37747	2.89	ng	# 87
88) Benzo(k)fluoranthene	15.70	252	37747	3.05	ng	# 90

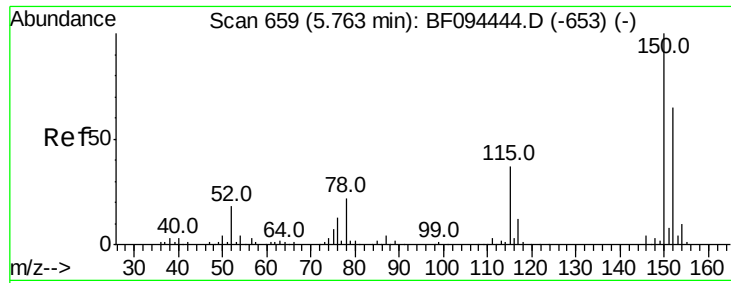
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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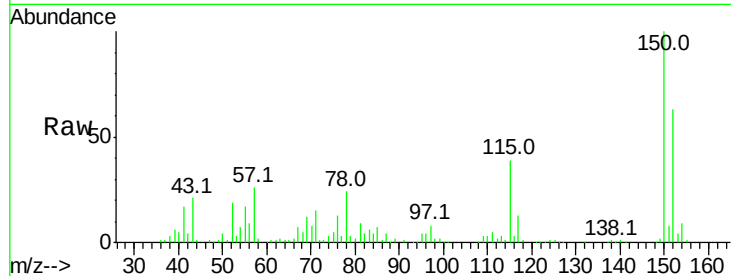


#1

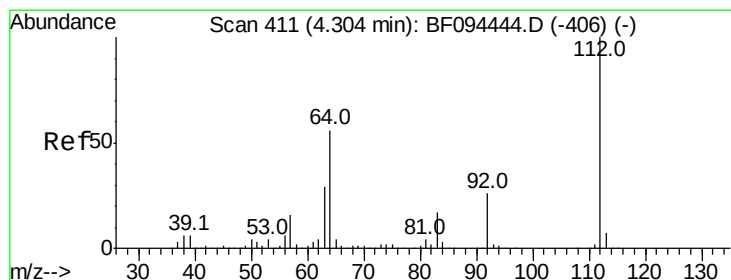
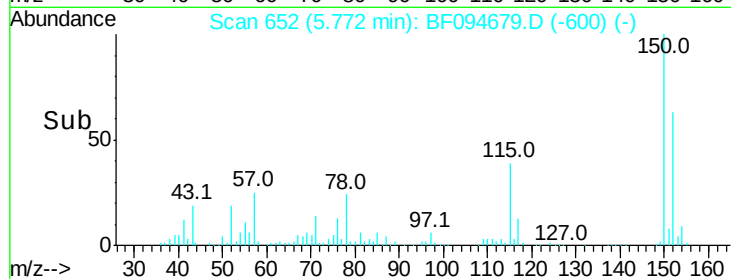
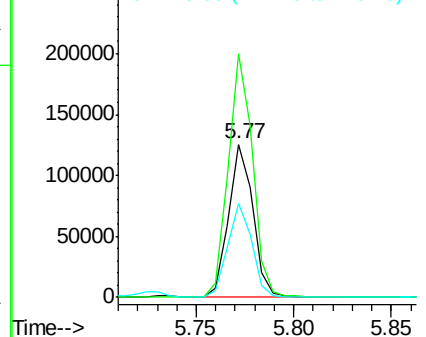
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	61.6	52.2	78.2



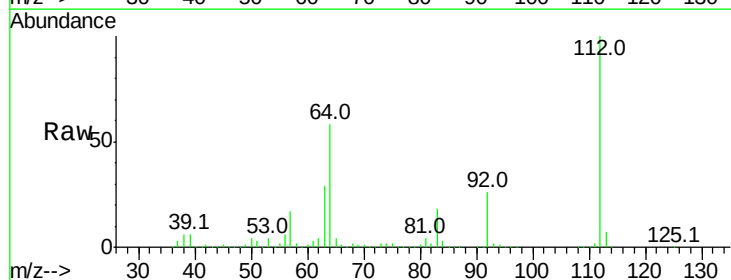
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



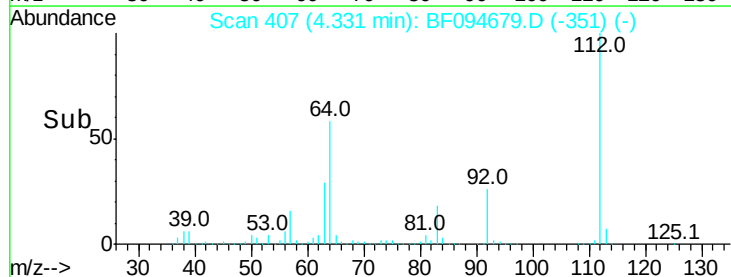
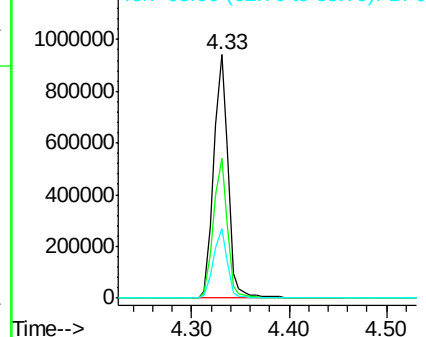
#5

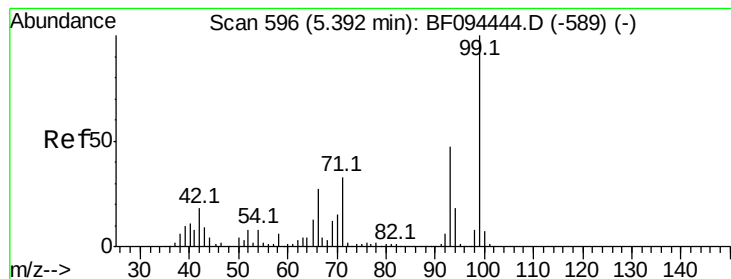
2-Fluorophenol
Concen: 146.00 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	28.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.81 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

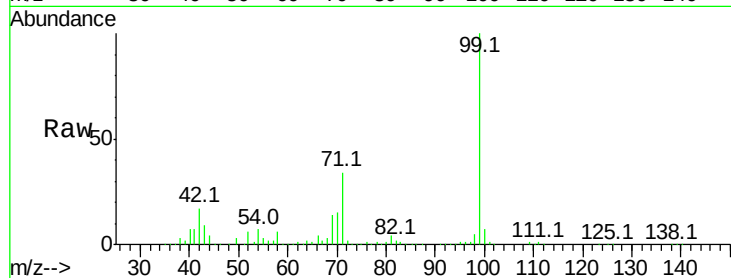
Tot Ion: 99 Resp: 1181347

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

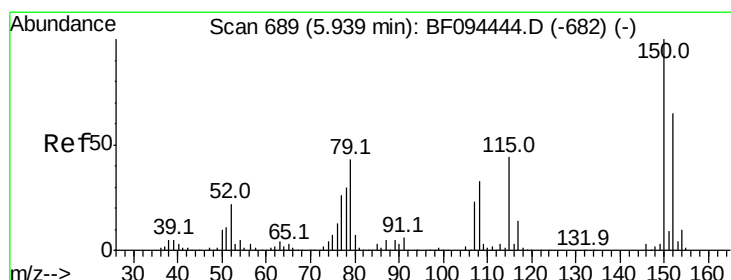
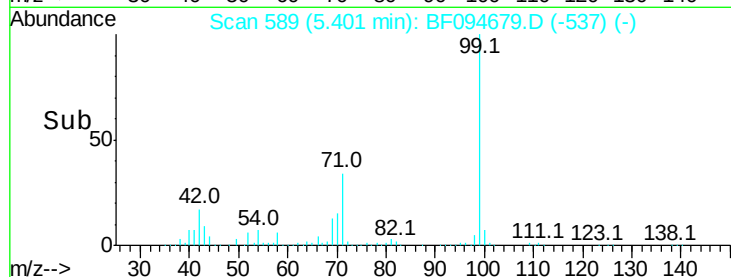
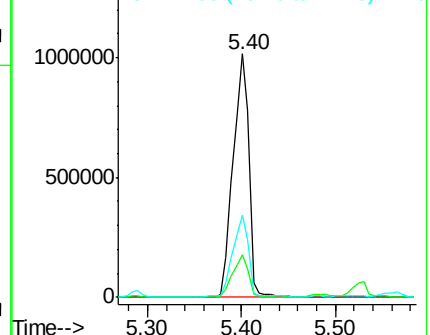
71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.89 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

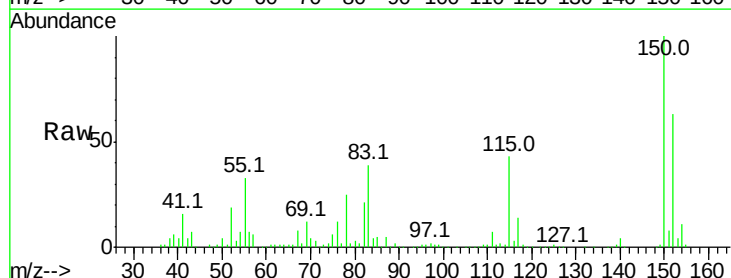
Tgt Ion: 79 Resp: 16673

Ion Ratio Lower Upper

79 100

108 19.5 63.4 95.0#

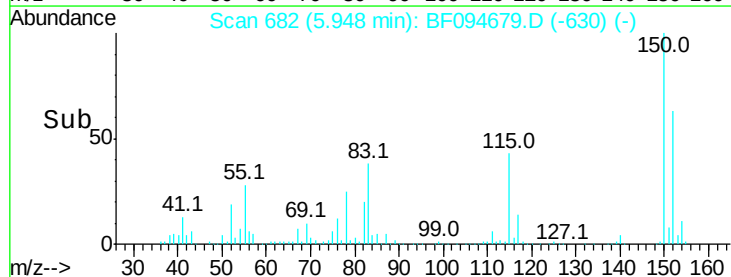
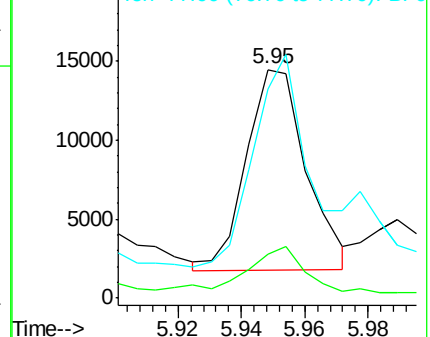
77 91.3 49.2 73.8#

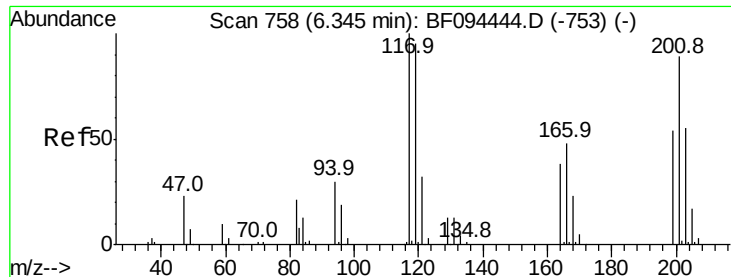


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

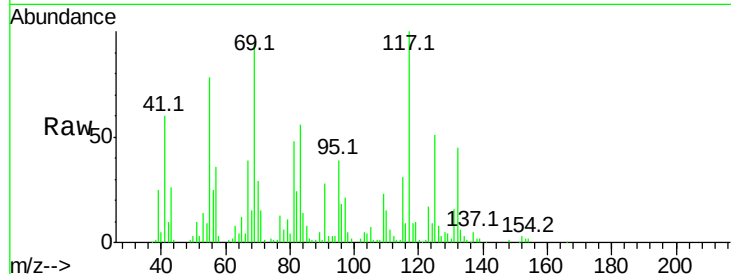




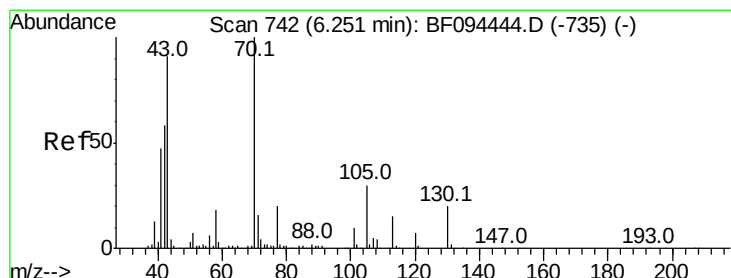
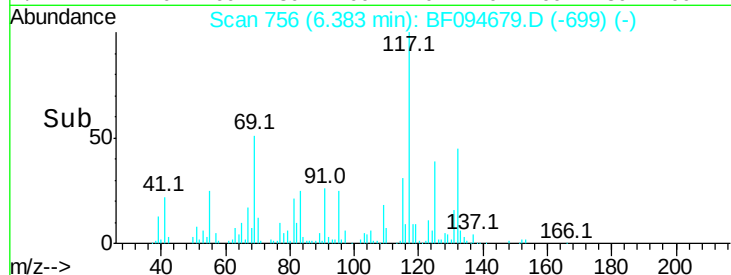
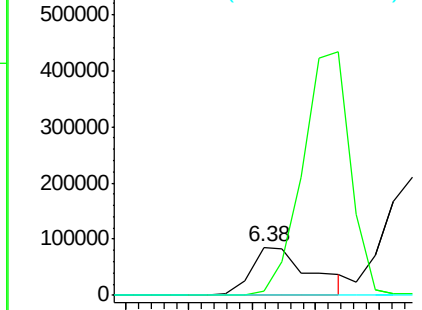
#18
Hexachloroethane
Concen: 38.45 ng
RT: 6.38 min Scan# 756
Delta R.T. 0.04 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 110348
Ion Ratio Lower Upper
117 100
119 9.6 77.4 116.0#
201 0.0 94.6 141.8#

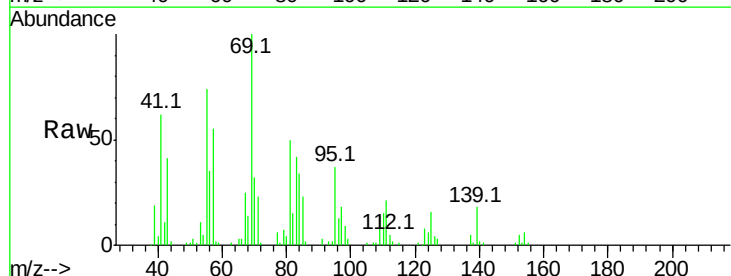


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

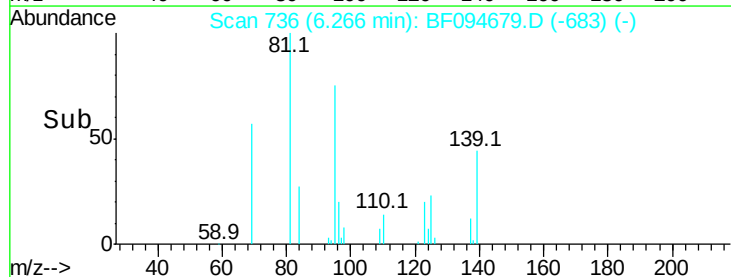
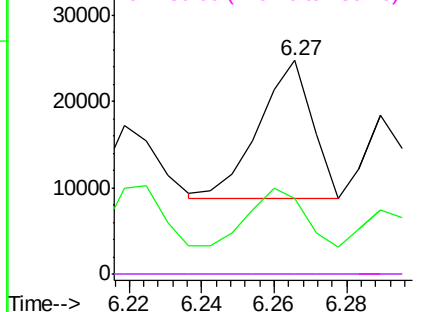


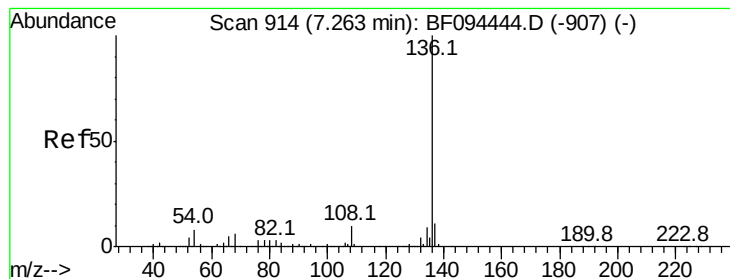
#19
n-Nitroso-di-n-propylamine
Concen: 3.17 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Tgt Ion: 70 Resp: 16364
Ion Ratio Lower Upper
70 100
42 35.3 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376965

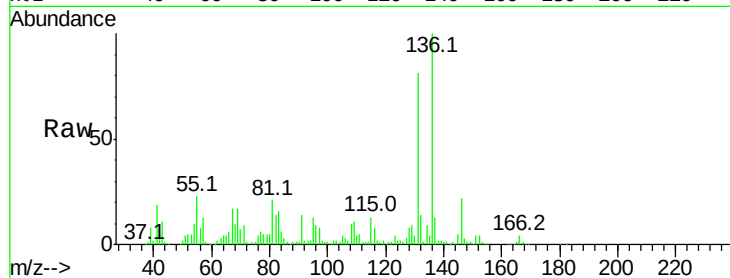
Ion Ratio Lower Upper

136 100

137 12.7 8.5 12.7

54 10.3 4.9 7.3#

68 9.9 4.1 6.1#

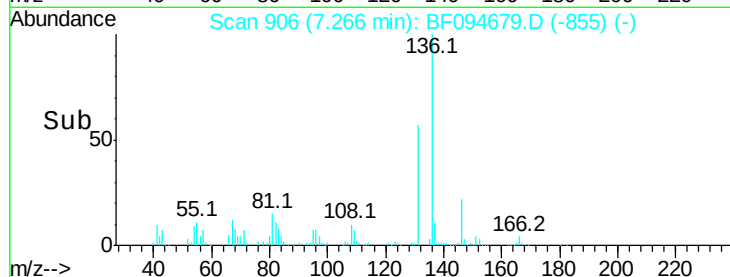


Abundance Ion 136.00 (135.70 to 136.70): E

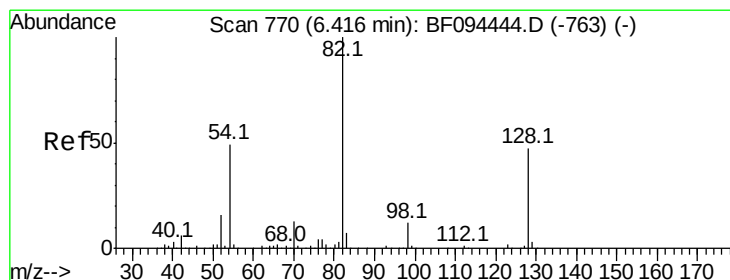
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 120.85 ng

RT: 6.43 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

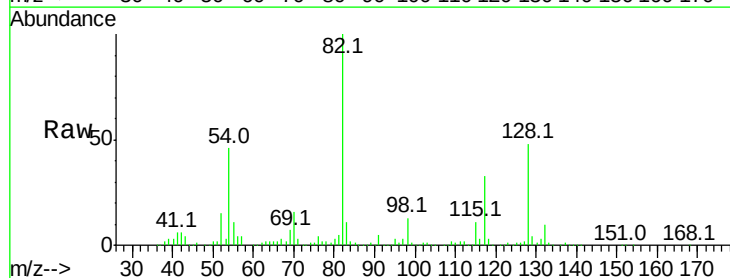
Tgt Ion: 82 Resp: 737763

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

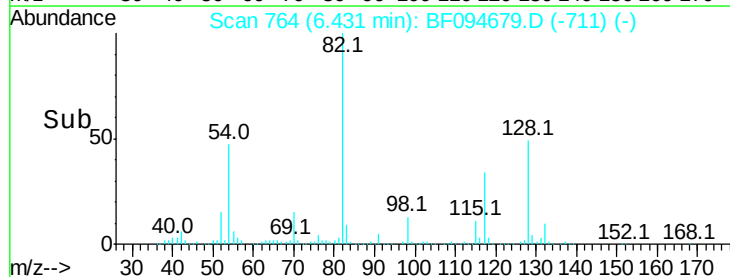
54 46.4 42.2 63.2



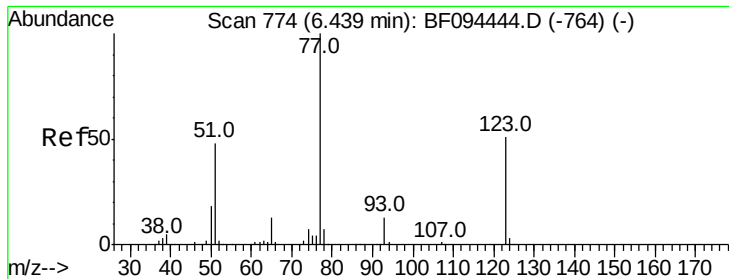
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



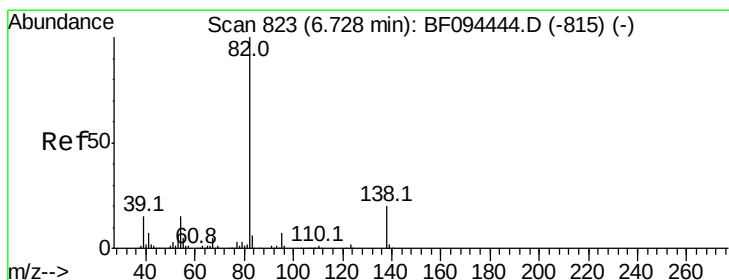
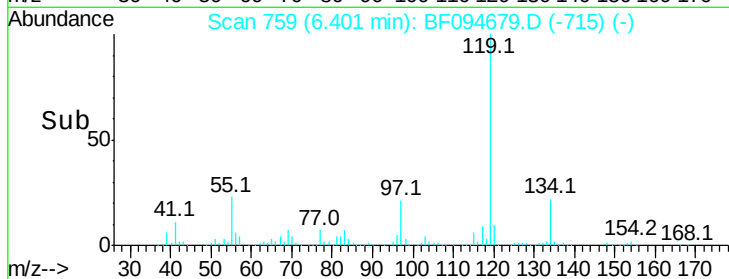
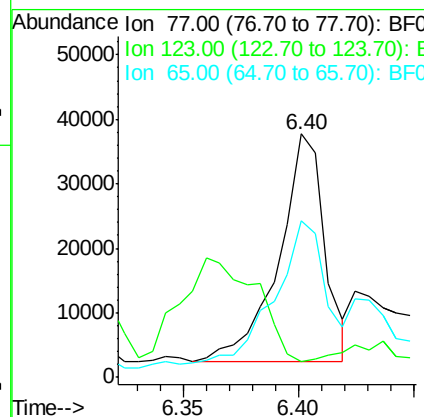
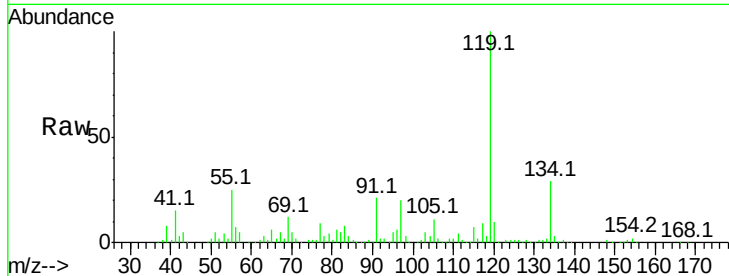
Time-->



#24
 Nitrobenzene
 Concen: 7.61 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.04 min
 Lab File: BF094679.D
 Acq: 27 Apr 2017 22:25

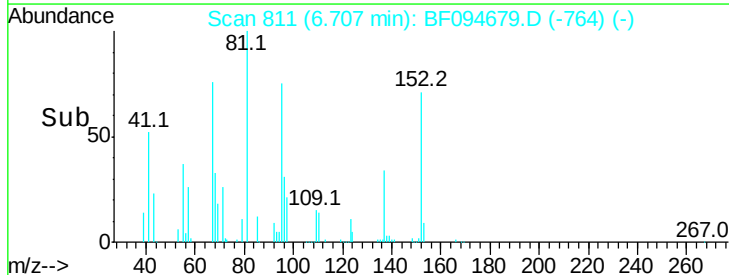
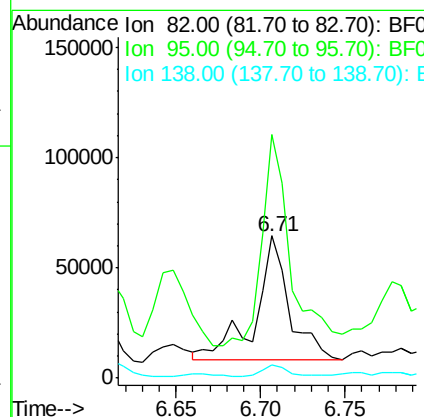
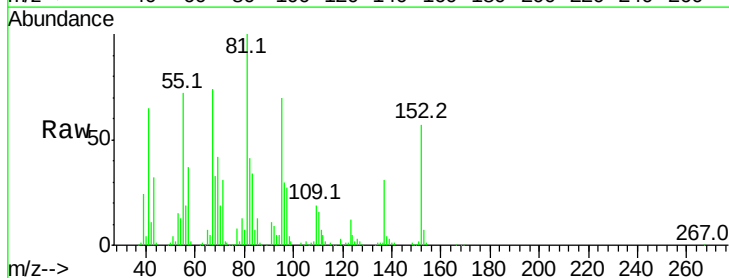
Instrument :
 BNA_F
 ClientSampleId :

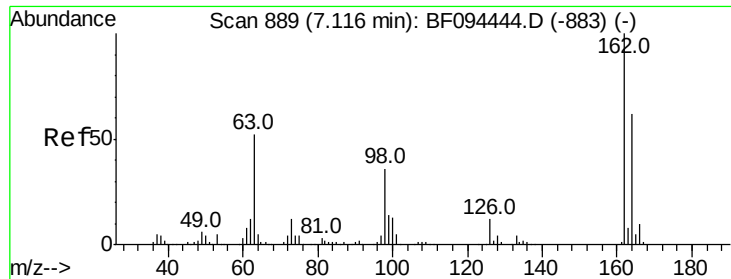
Tot Ion: 77 Resp: 48953
 Ion Ratio Lower Upper
 77 100
 123 6.5 35.8 53.8#
 65 64.4 10.6 15.8#



#25
 Isophorone
 Concen: 7.10 ng
 RT: 6.71 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF094679.D
 Acq: 27 Apr 2017 22:25

Tgt Ion: 82 Resp: 80401
 Ion Ratio Lower Upper
 82 100
 95 171.1 5.3 7.9#
 138 9.2 13.1 19.7#

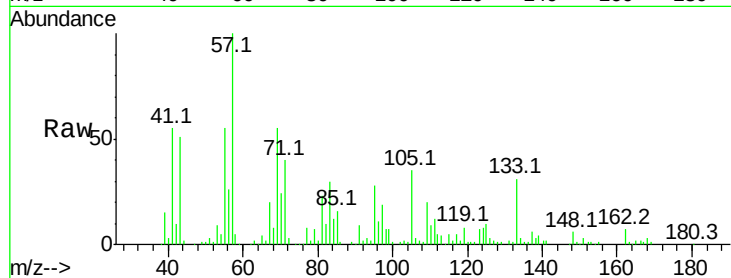




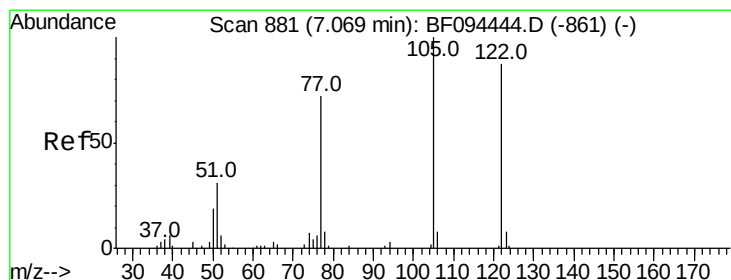
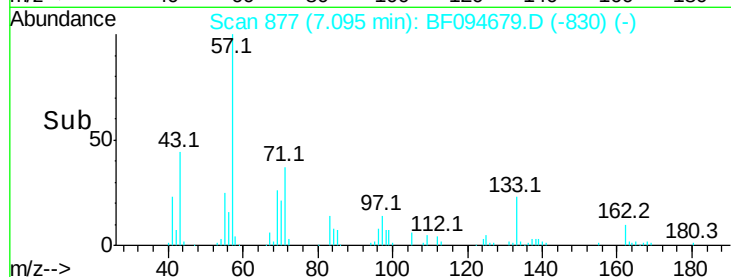
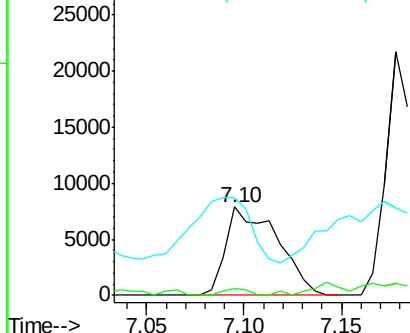
#29
2,4-Dichlorophenol
Concen: 2.77 ng
RT: 7.10 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	7.5	44.6	84.6#
98	110.7	14.8	54.8#

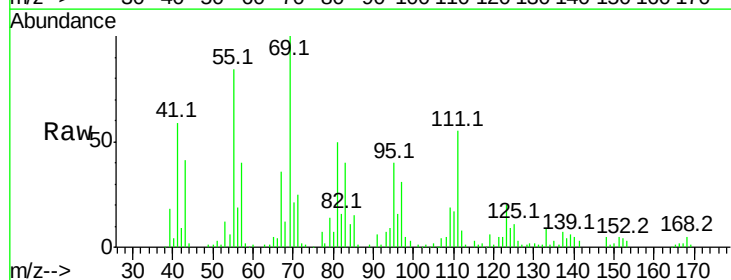


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

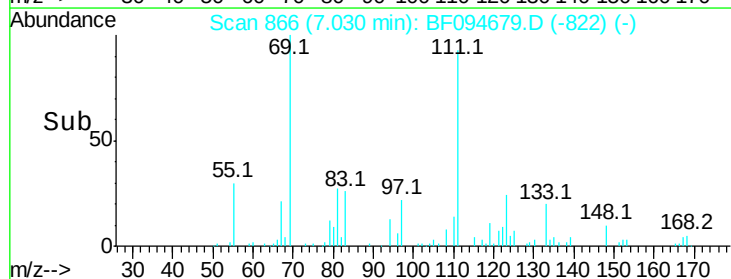
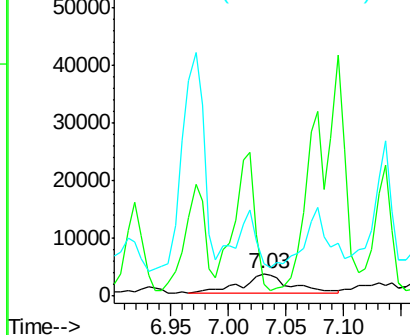


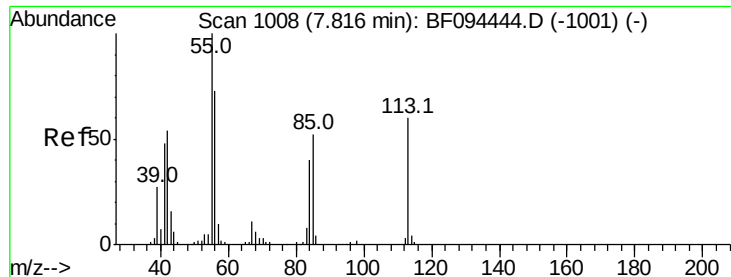
#32
Benzoic acid
Concen: 3.34 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.04 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	52.1	103.3	143.3#
77	145.3	73.7	113.7#



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): BF0





#35

Caprolactam

Concen: 51.61 ng

RT: 7.84 min Scan# 1004

Delta R.T. 0.03 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

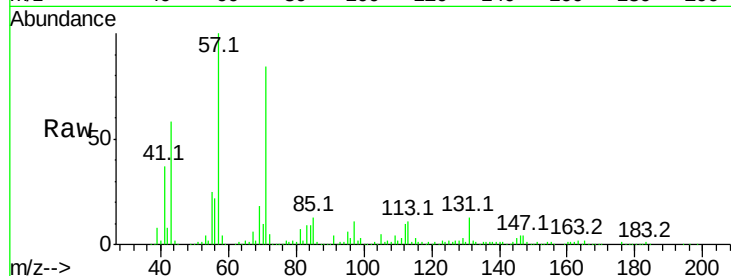
Tot Ion:113 Resp: 84612

Ion Ratio Lower Upper

113 100

55 218.5 150.2 190.2#

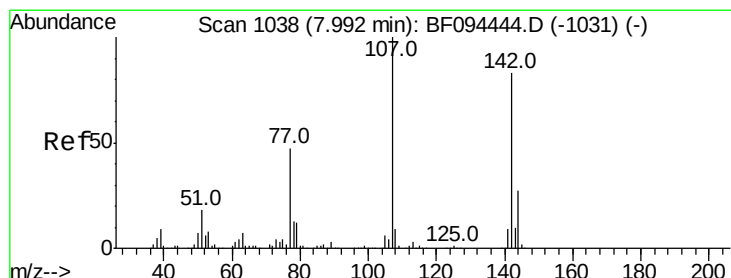
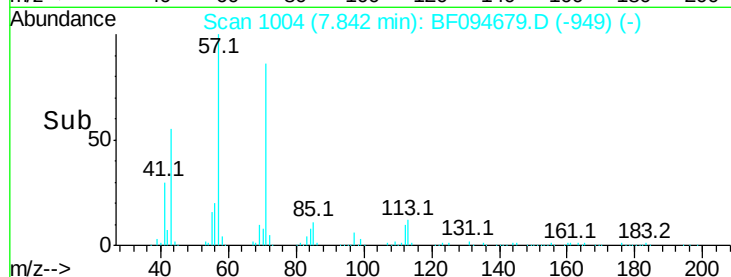
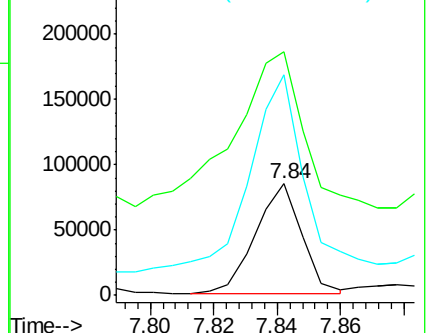
56 198.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.64 ng

RT: 8.04 min Scan# 1038

Delta R.T. 0.05 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

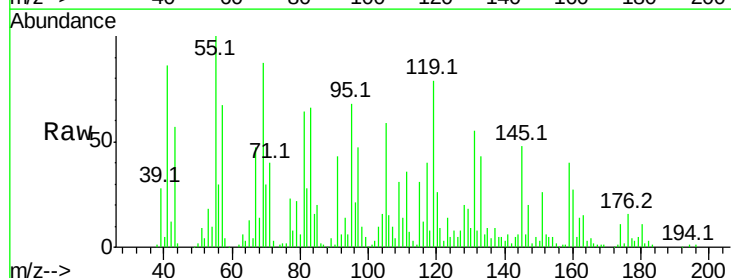
Tgt Ion:107 Resp: 14446

Ion Ratio Lower Upper

107 100

144 55.4 24.2 36.4#

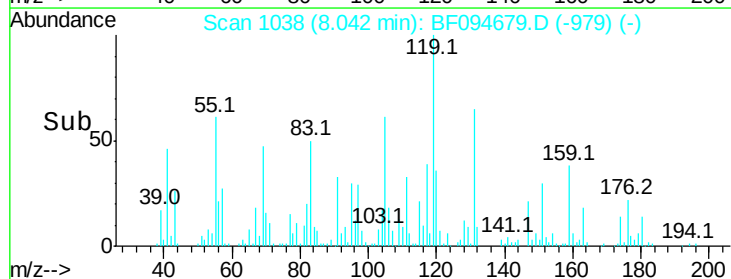
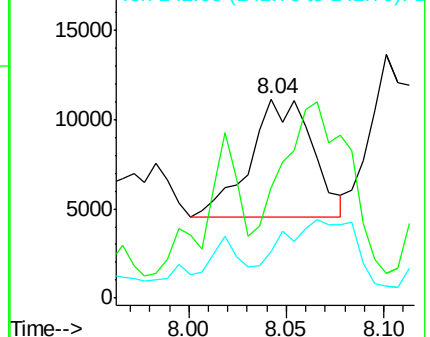
142 23.2 73.4 110.0#

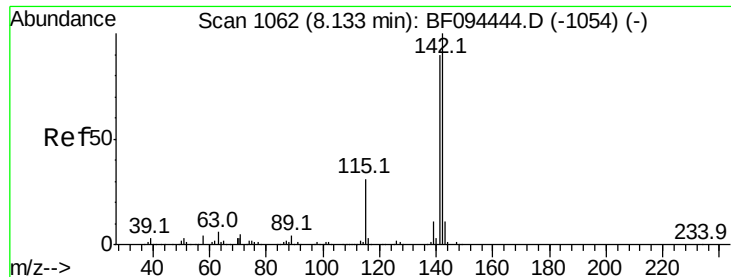


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 15.51 ng

RT: 8.14 min Scan# 1055

Delta R.T. 0.01 min

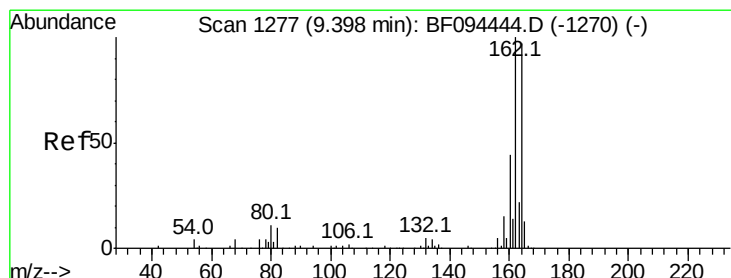
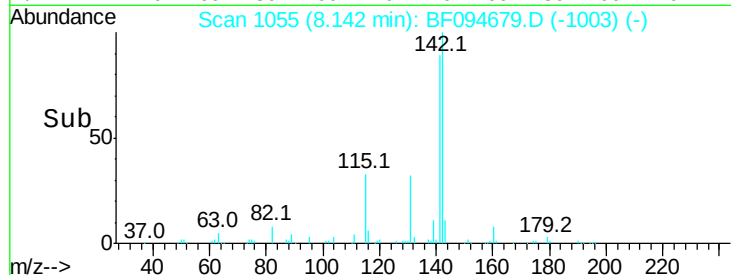
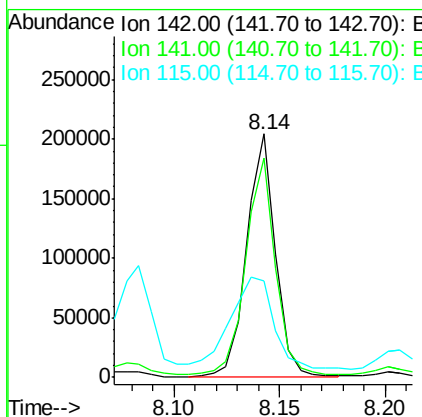
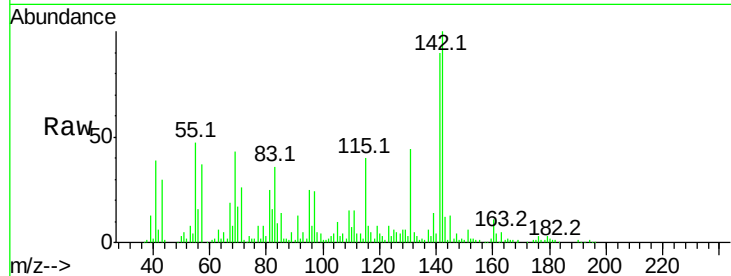
Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 192315

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	39.8	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1271

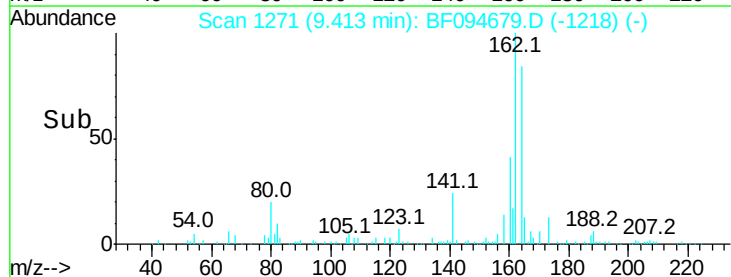
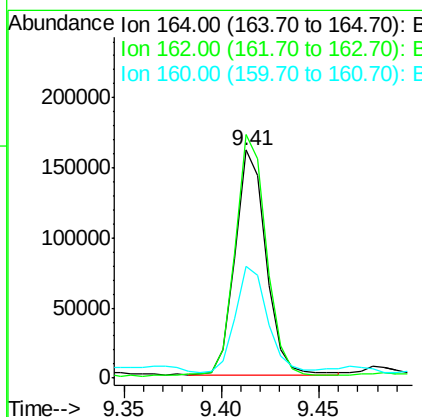
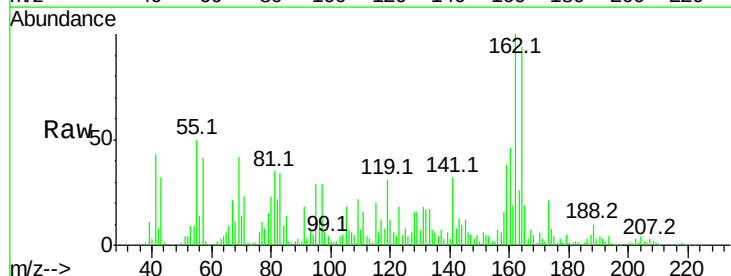
Delta R.T. 0.01 min

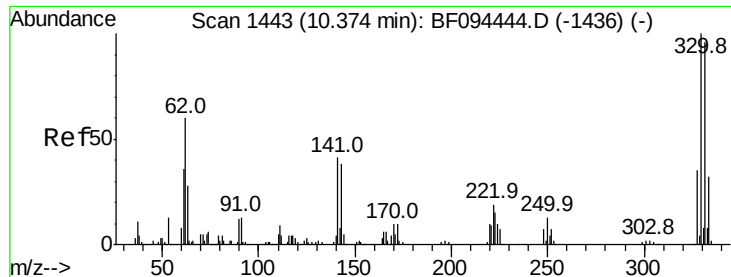
Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Tgt Ion:164 Resp: 175789

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	49.3	36.2	54.2

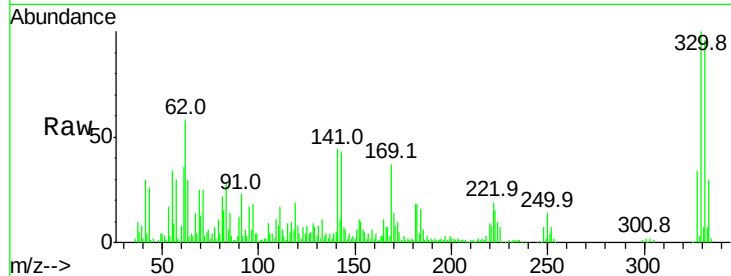




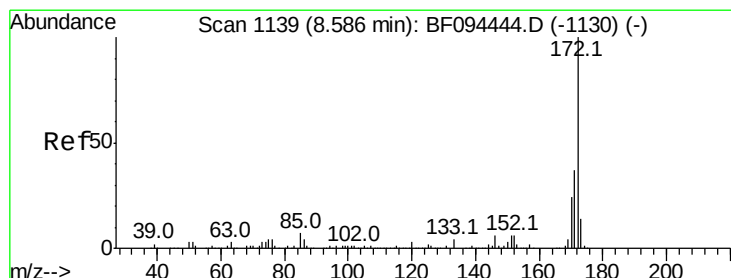
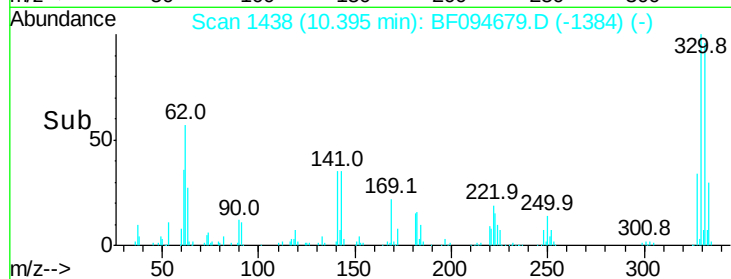
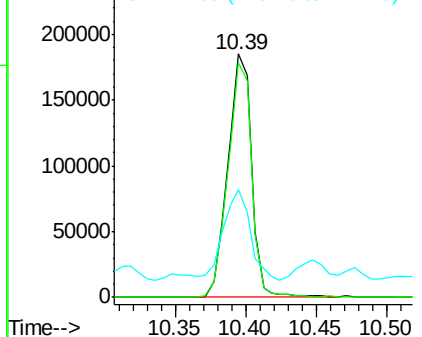
#41
 2,4,6-Tribromophenol
 Concen: 157.37 ng
 RT: 10.39 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: BF094679.D
 Acq: 27 Apr 2017 22:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 216376
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 41.9 31.4 47.2

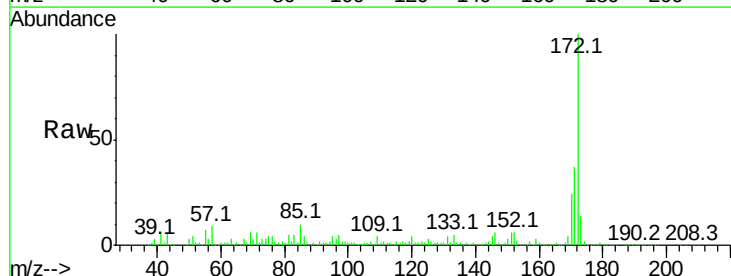


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

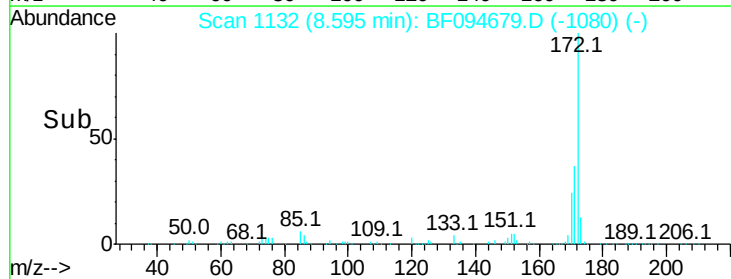
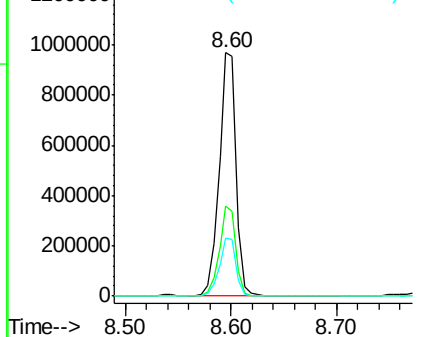


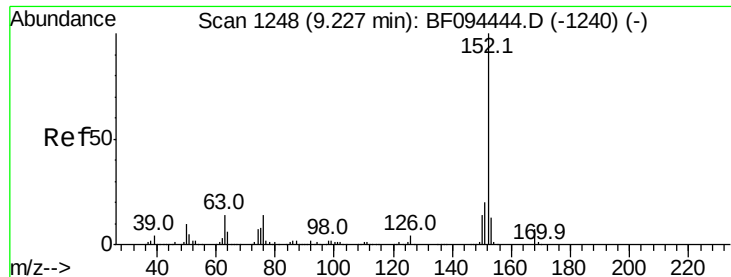
#44
 2-Fluorobiphenyl
 Concen: 90.79 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094679.D
 Acq: 27 Apr 2017 22:25

Tgt Ion:172 Resp: 1084693
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.0 19.8 29.8



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





#48

Acenaphthylene

Concen: 2.47 ng

RT: 9.25 min Scan# 1243

Delta R.T. 0.02 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

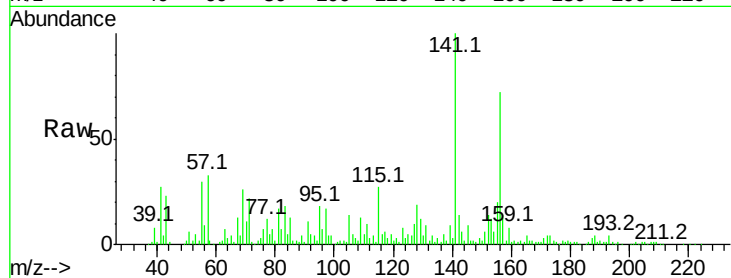
Tot Ion:152 Resp: 43924

Ion Ratio Lower Upper

152 100

151 45.5 16.8 25.2#

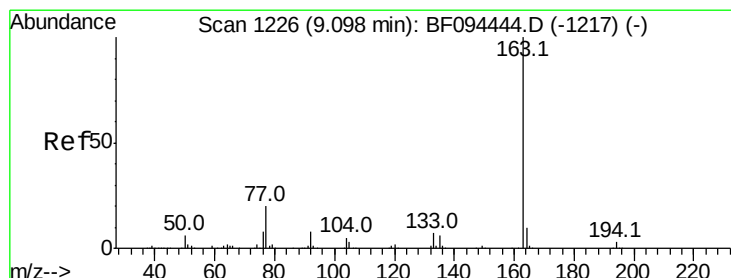
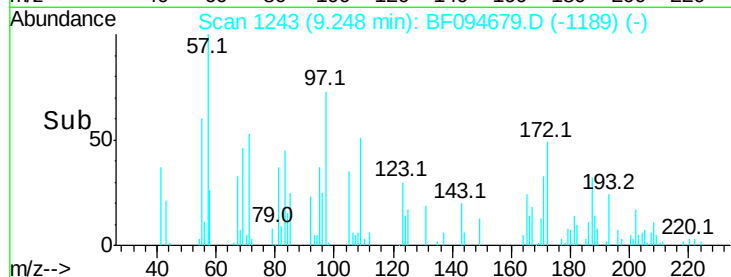
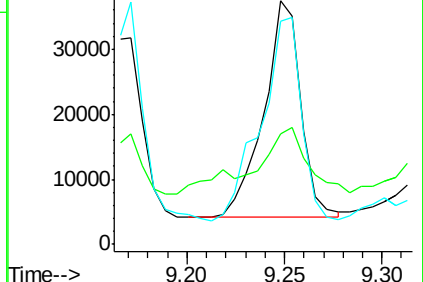
153 91.6 10.8 16.2#



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: 12.03 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

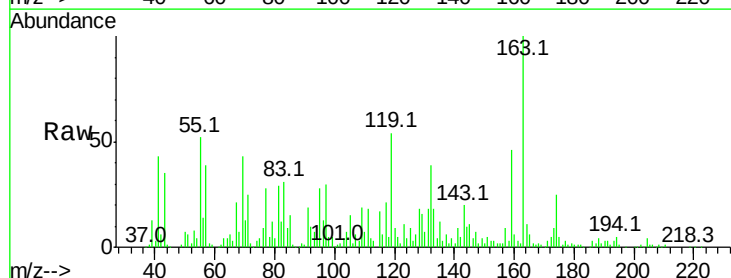
Tgt Ion:163 Resp: 157595

Ion Ratio Lower Upper

163 100

194 4.9 2.6 4.0#

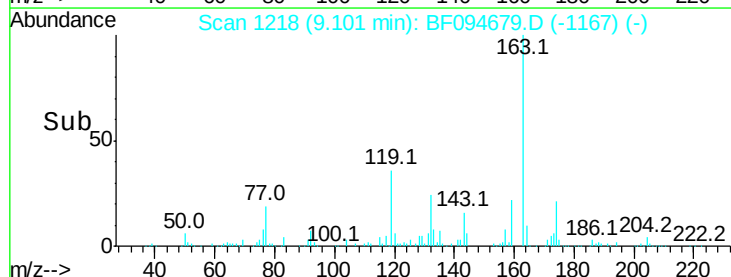
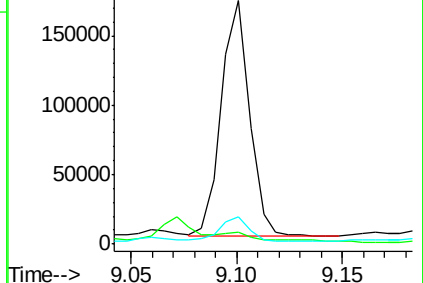
164 11.1 8.4 12.6

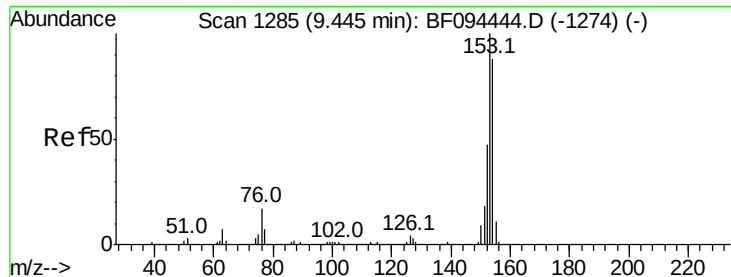


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.61 ng

RT: 9.45 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

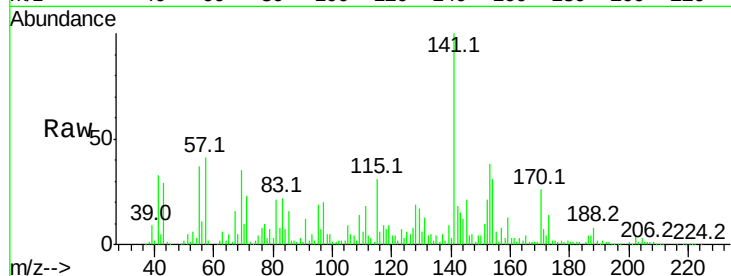
Tot Ion:154 Resp: 91785

Ion Ratio Lower Upper

154 100

153 120.3 90.5 135.7

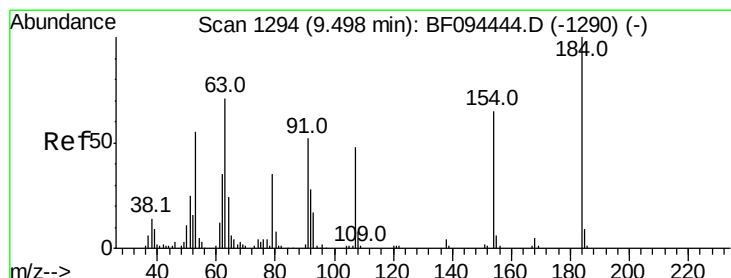
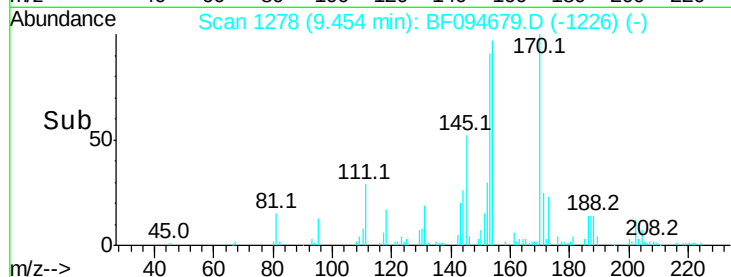
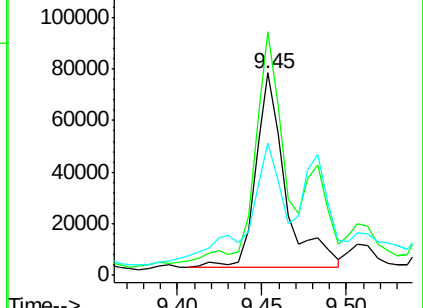
152 65.5 43.6 65.4#



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: 6.27 ng

RT: 9.53 min Scan# 1291

Delta R.T. 0.03 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

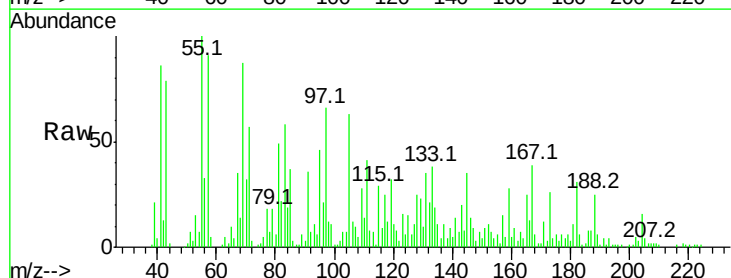
Tgt Ion:184 Resp: 886

Ion Ratio Lower Upper

184 100

63 583.7 62.7 94.1#

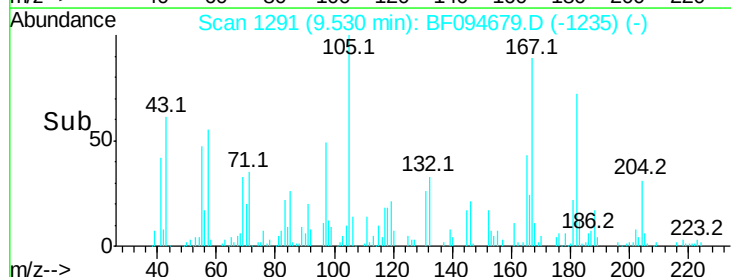
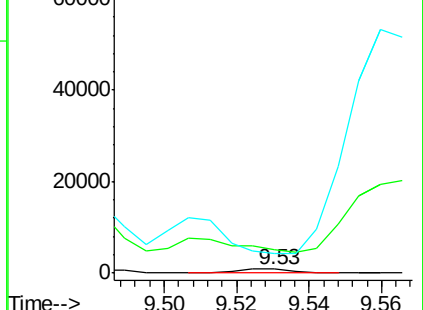
154 489.7 81.1 121.7#

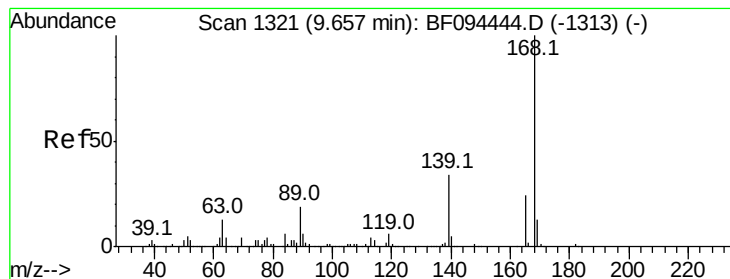


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.41 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

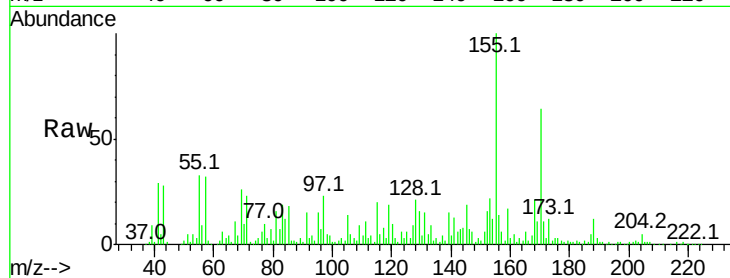
Tot Ion:168 Resp: 68401

Ion Ratio Lower Upper

168 100

139 71.8 30.6 45.8#

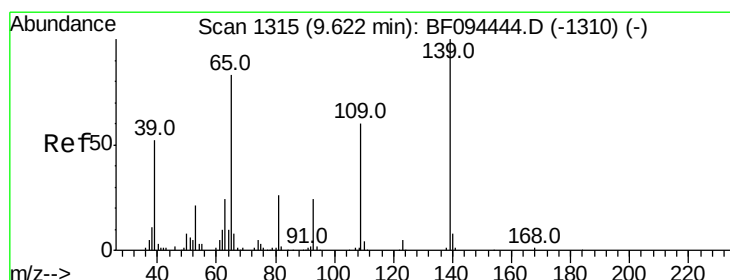
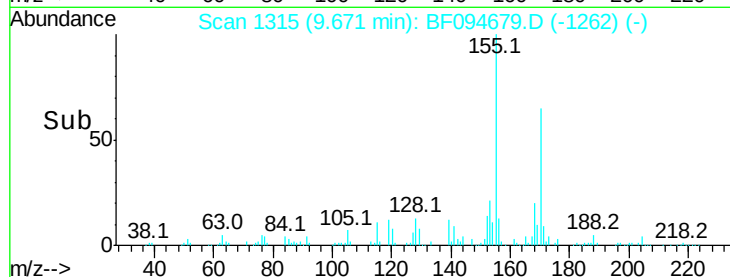
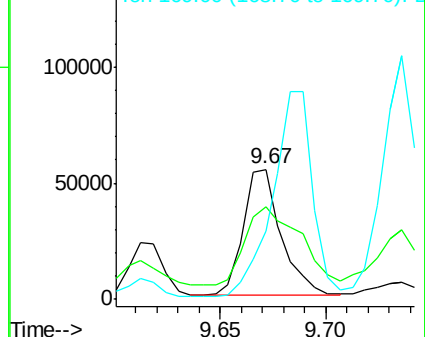
169 53.1 10.8 16.2#



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: 5.13 ng

RT: 9.61 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

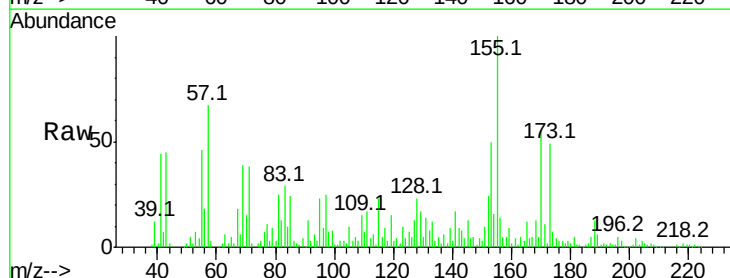
Tgt Ion:139 Resp: 12338

Ion Ratio Lower Upper

139 100

109 164.7 34.1 74.1#

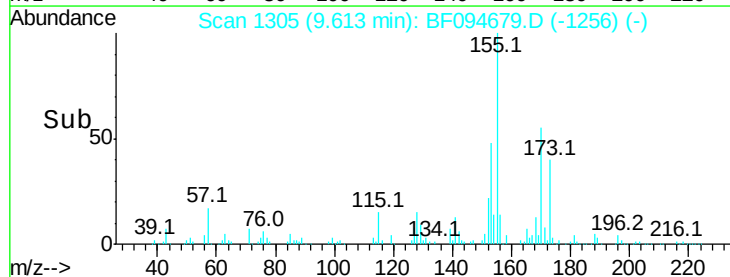
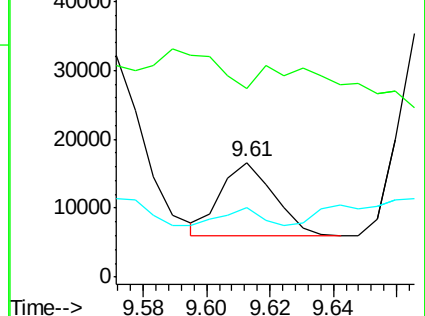
65 60.4 31.4 71.4

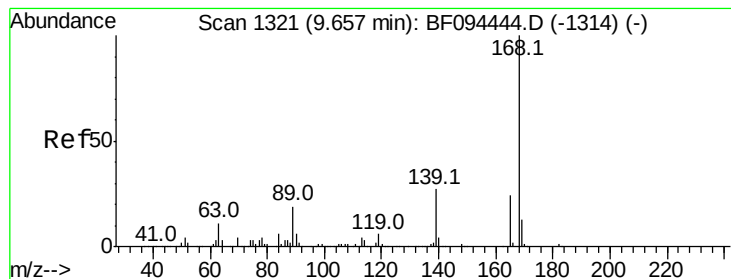


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 11.58 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.03 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 41765

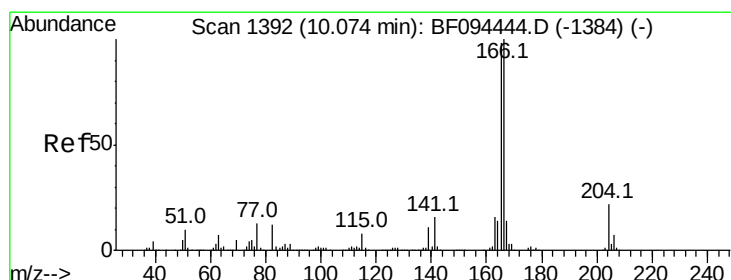
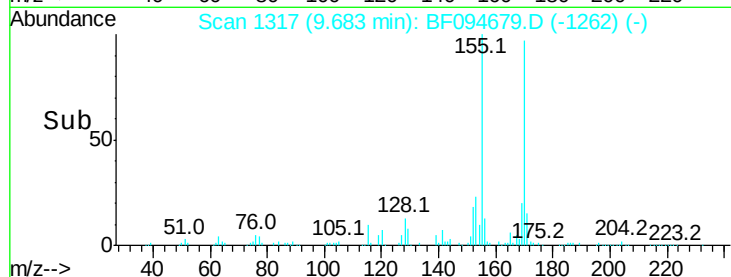
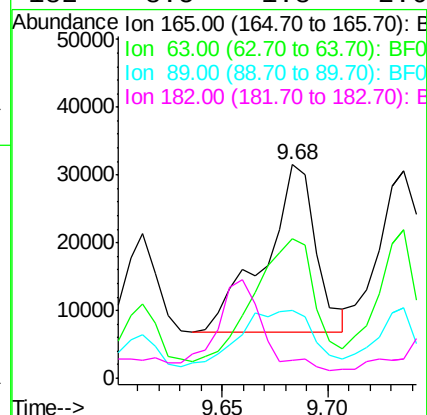
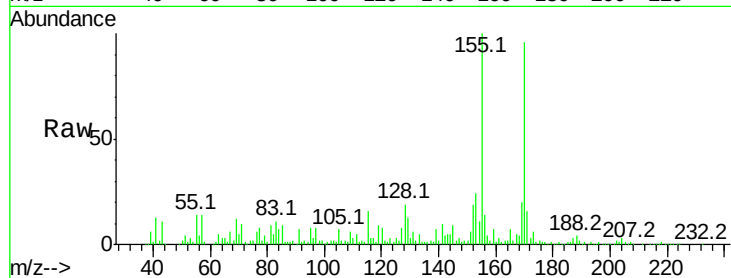
Ion Ratio Lower Upper

165 100

63 65.4 25.4 38.0#

89 31.6 46.4 69.6#

182 8.5 1.8 2.6#



#57

Fluorene

Concen: 14.00 ng

RT: 10.09 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

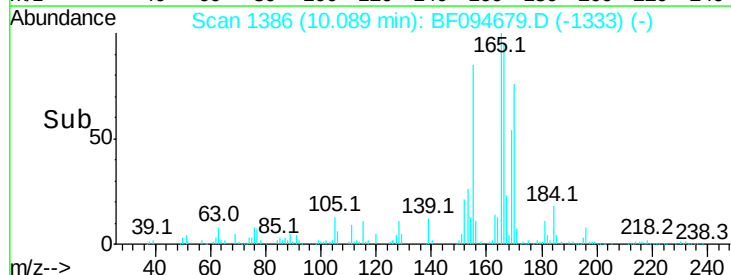
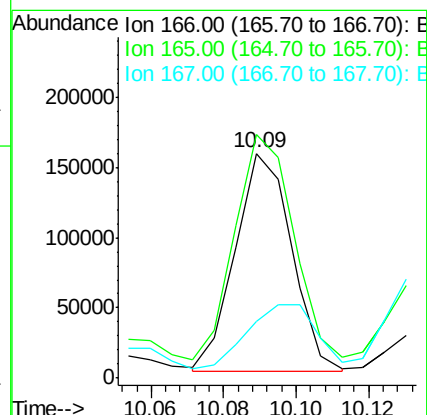
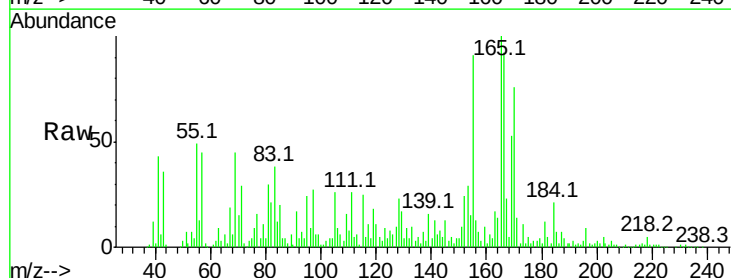
Tgt Ion:166 Resp: 168962

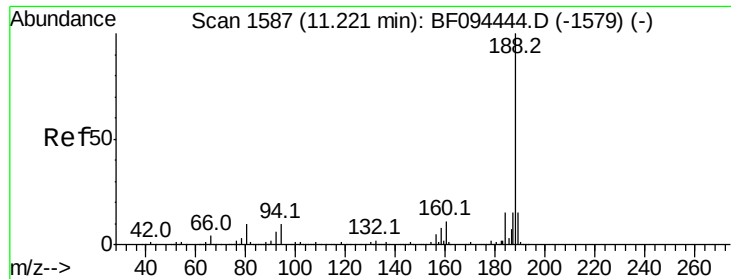
Ion Ratio Lower Upper

166 100

165 108.5 78.8 118.2

167 25.2 10.6 16.0#

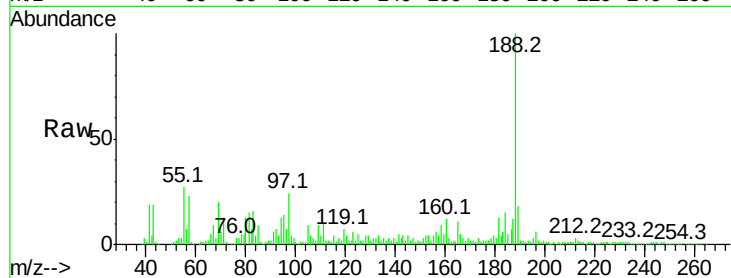




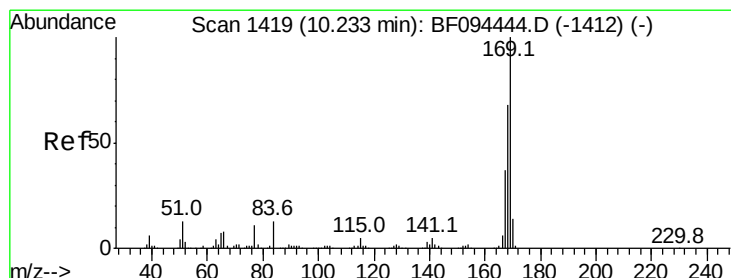
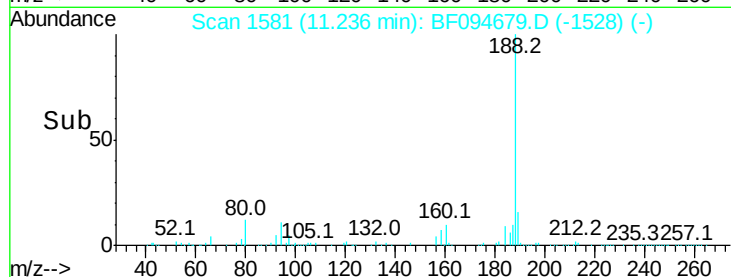
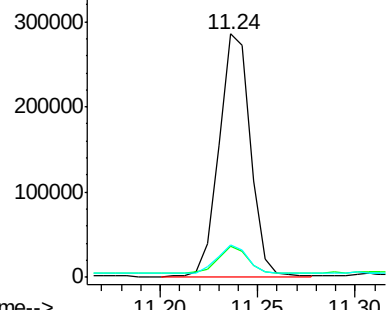
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 315414
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.2 10.2 15.2

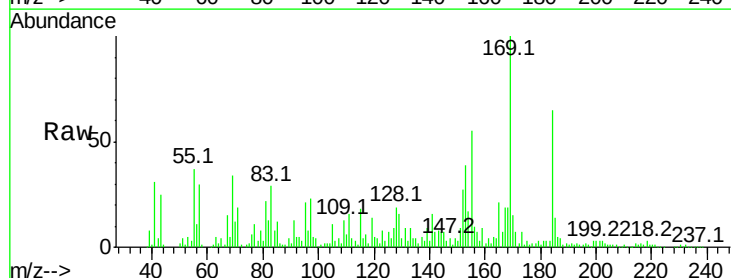


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

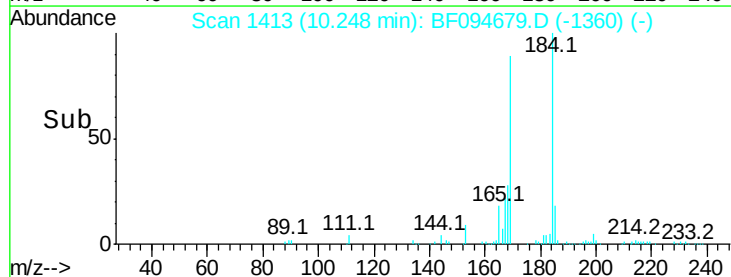
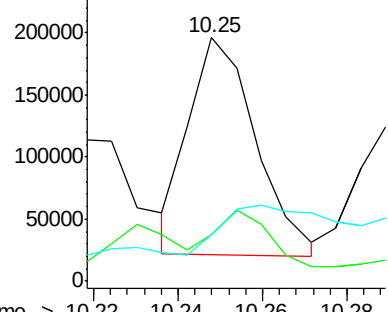


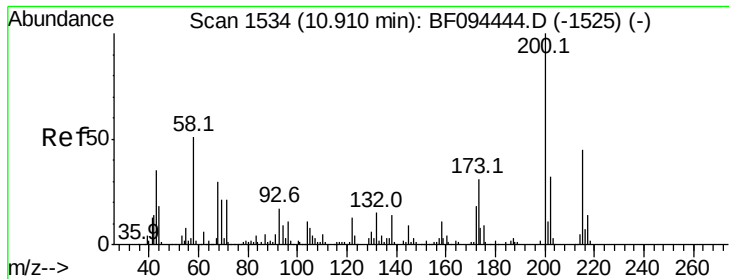
#65
n-Nitrosodiphenylamine
Concen: 17.58 ng
RT: 10.25 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF094679.D
Acq: 27 Apr 2017 22:25

Tgt Ion:169 Resp: 192851
Ion Ratio Lower Upper
169 100
168 19.3 53.2 79.8#
167 19.1 29.5 44.3#



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





#68

Atrazine

Concen: 3.33 ng

RT: 10.92 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampled :

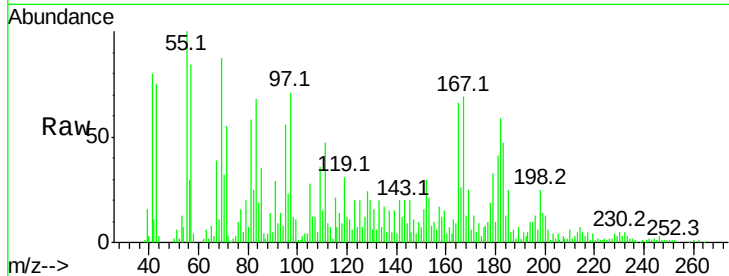
Tot Ion:200 Resp: 10930

Ion Ratio Lower Upper

200 100

173 65.5 6.3 46.3#

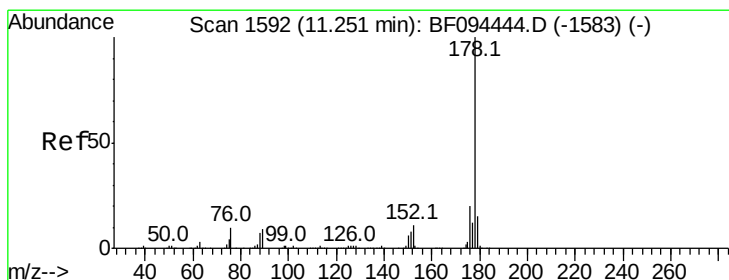
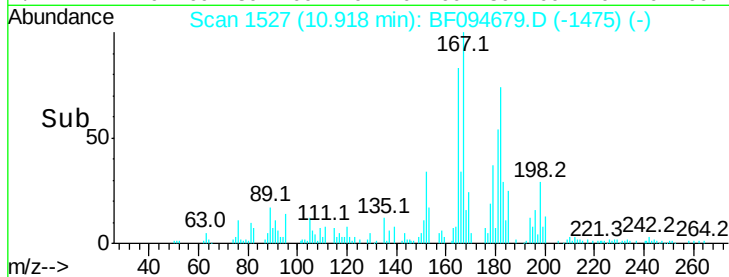
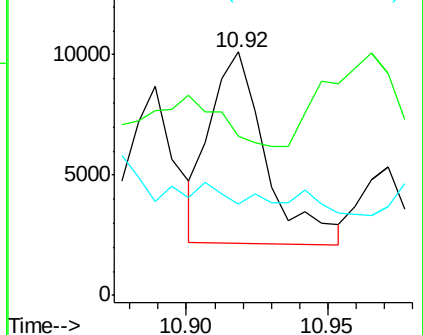
215 37.5 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 29.40 ng

RT: 11.27 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

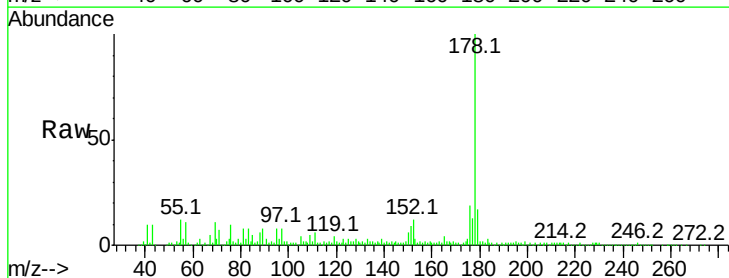
Tgt Ion:178 Resp: 522262

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

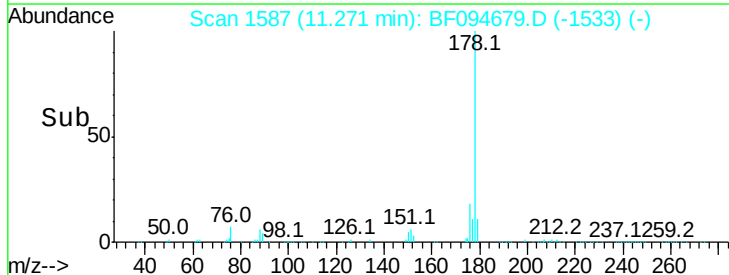
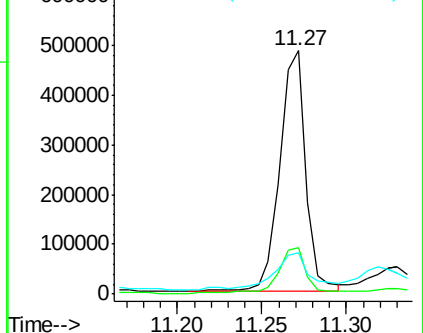
179 17.2 12.6 19.0

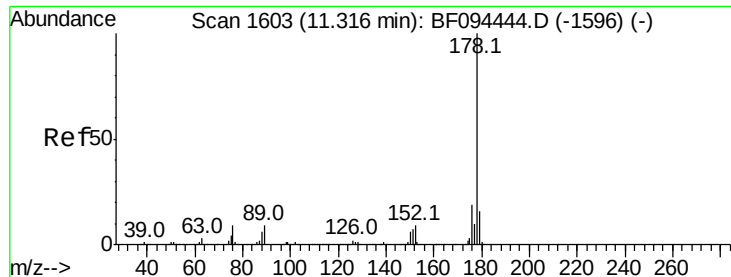


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 28.43 ng

RT: 11.27 min Scan# 1587

Delta R.T. -0.04 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

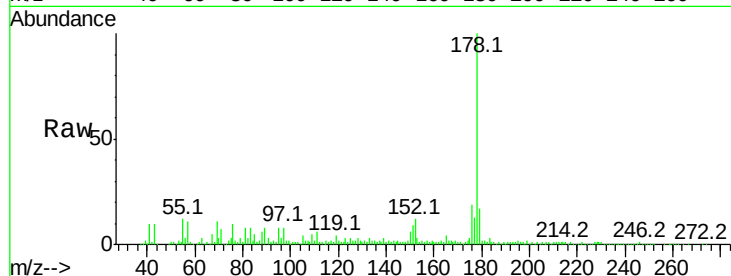
Tot Ion:178 Resp: 522262

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

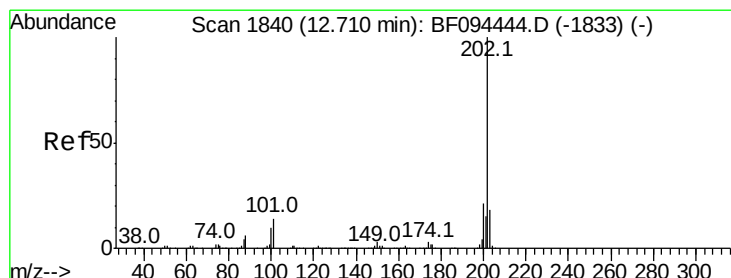
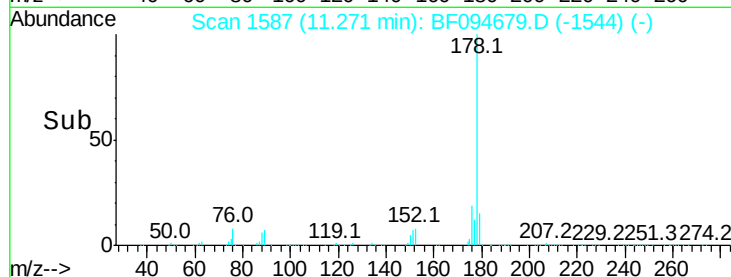
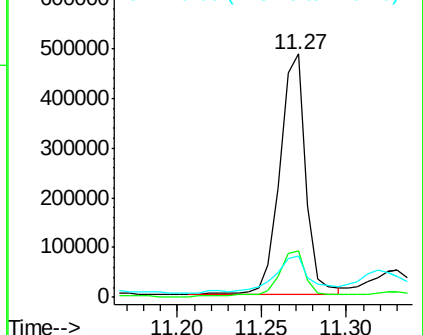
179 17.2 12.7 19.1



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



#74

Fluoranthene

Concen: 4.97 ng

RT: 12.72 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

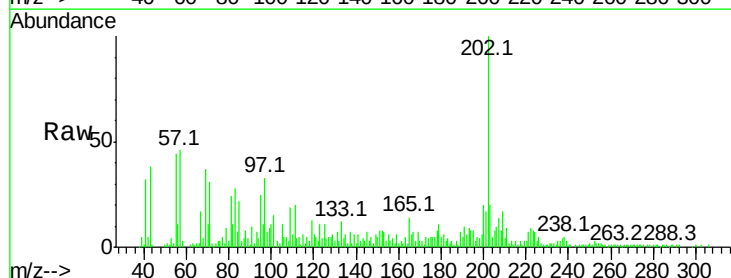
Tgt Ion:202 Resp: 91437

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.2

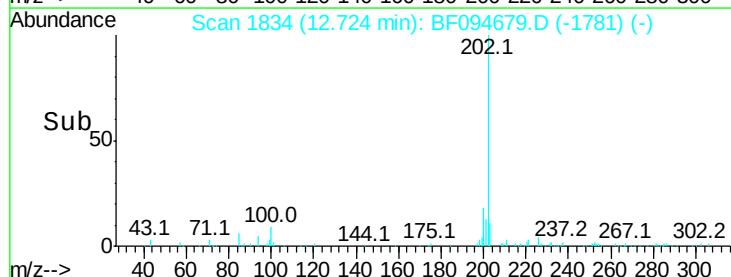
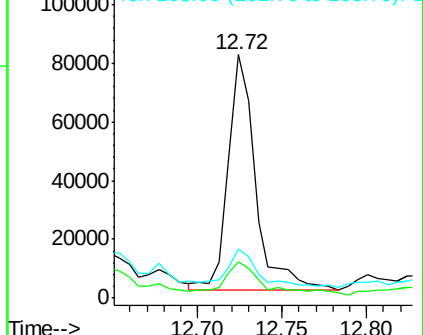
203 20.2 0.0 38.1

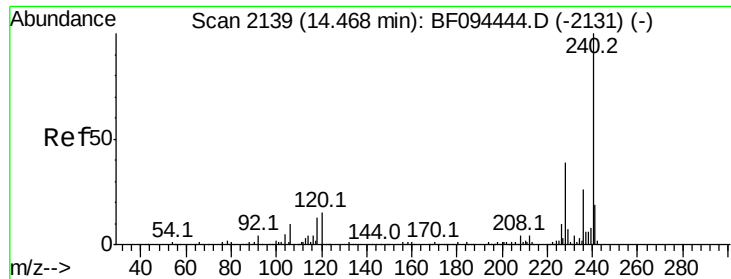


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

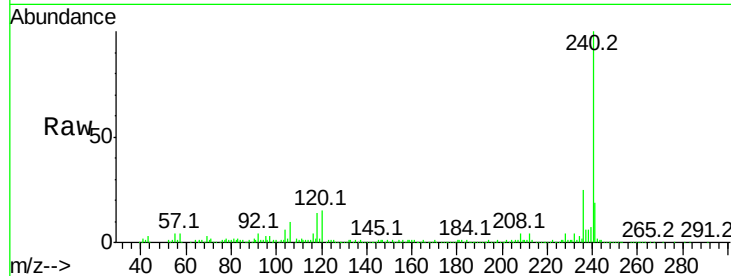
Tot Ion:240 Resp: 268828

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

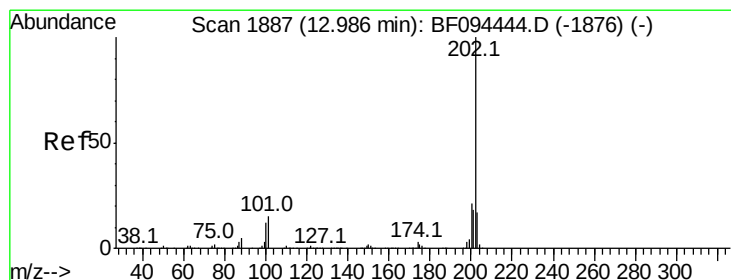
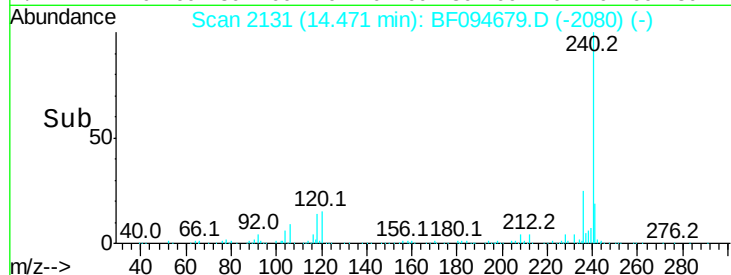
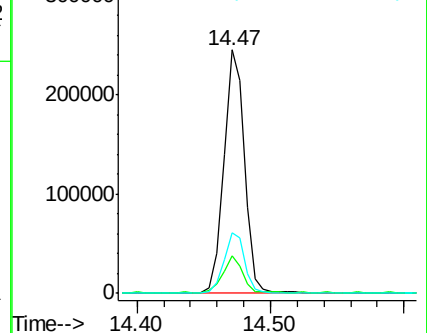
236 24.8 20.5 30.7



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: 7.74 ng

RT: 13.00 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

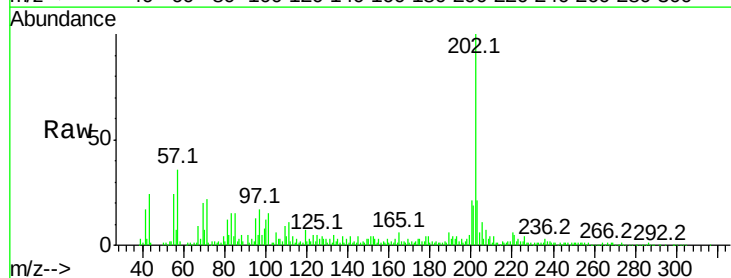
Tgt Ion:202 Resp: 145338

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

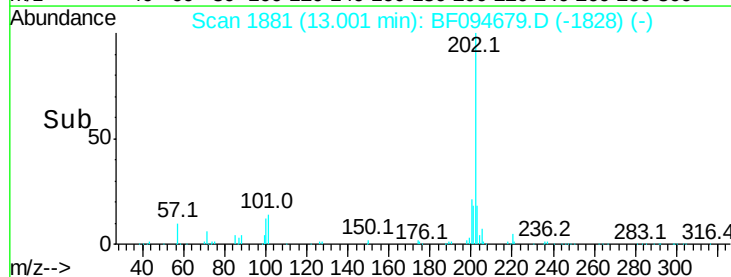
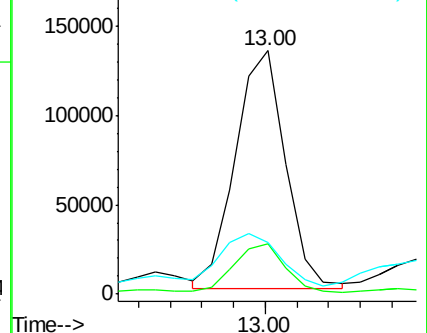
203 21.3 14.4 21.6

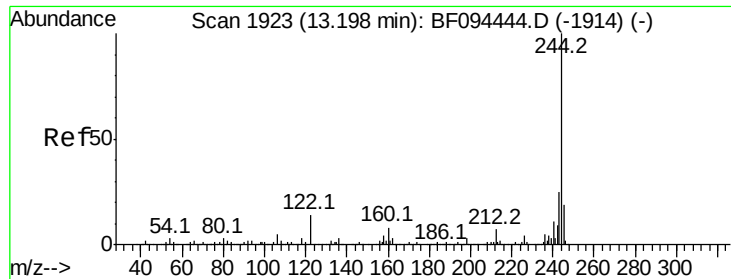


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.05 ng

RT: 13.21 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

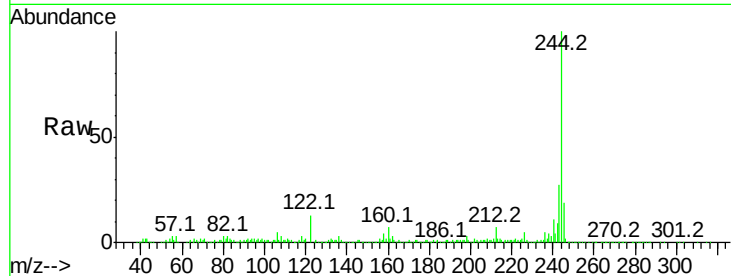
Tot Ion:244 Resp: 945860

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

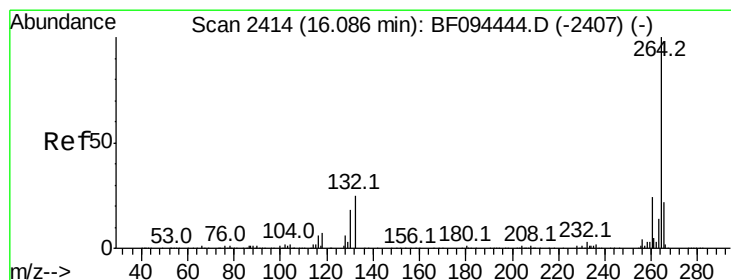
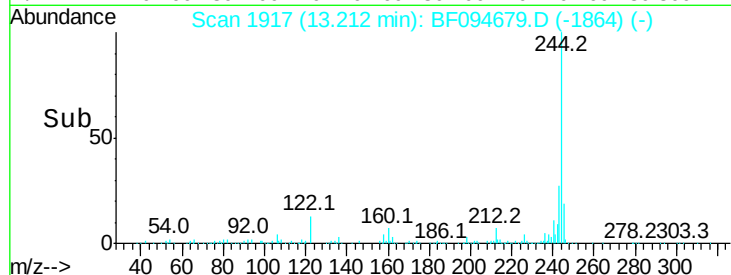
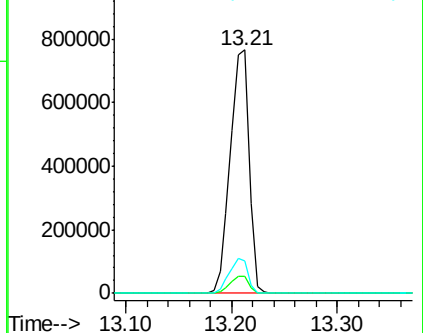
122 13.5 10.3 15.5



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: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

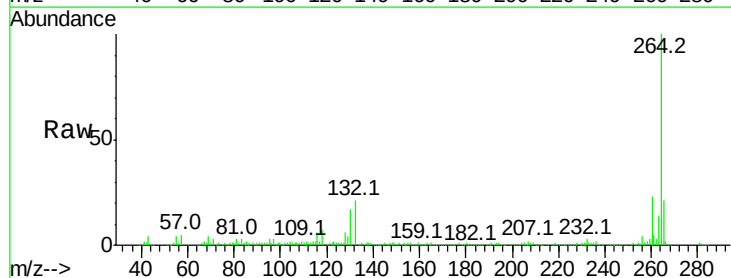
Tgt Ion:264 Resp: 213637

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

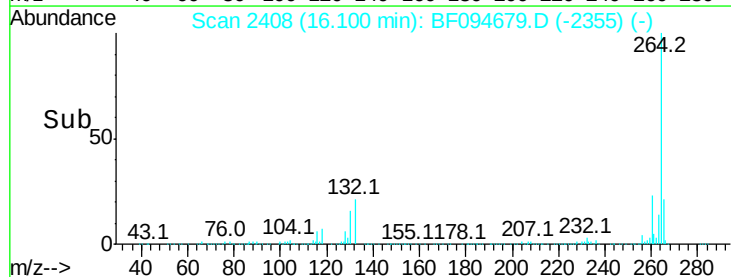
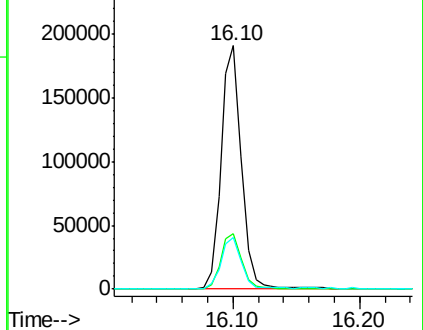
265 21.0 17.2 25.8

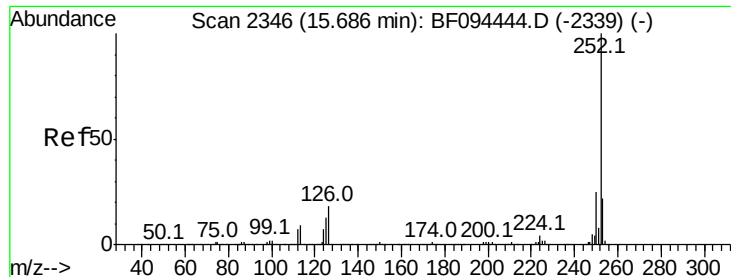


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.89 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

Instrument :

BNA_F

ClientSampleId :

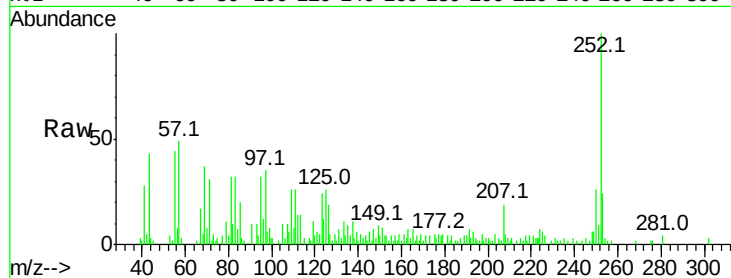
Tot Ion:252 Resp: 37747

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

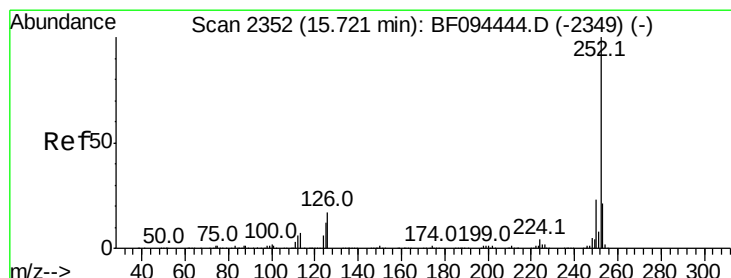
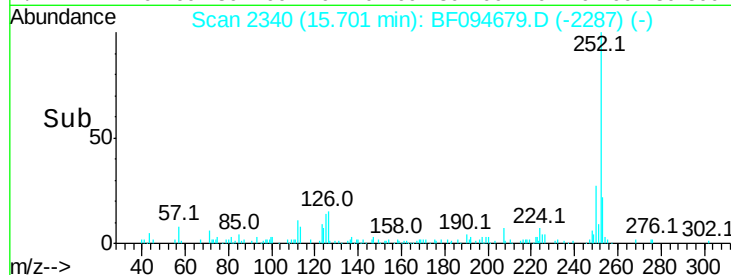
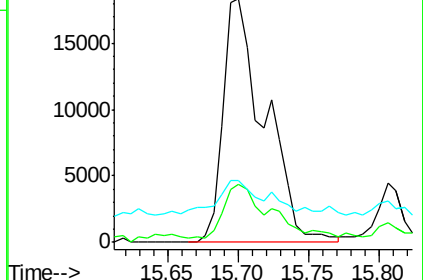
125 25.7 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.05 ng

RT: 15.70 min Scan# 2340

Delta R.T. -0.02 min

Lab File: BF094679.D

Acq: 27 Apr 2017 22:25

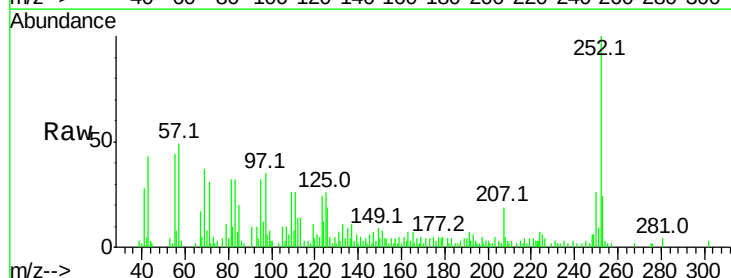
Tgt Ion:252 Resp: 37747

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 25.7 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

