

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094552.D
 Acq On : 20 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2744-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

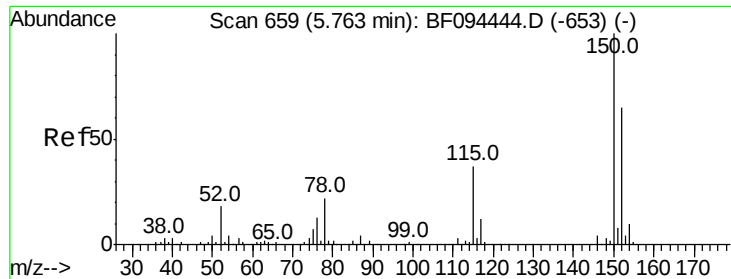
Quant Time: Apr 21 01:04:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	80867	20.00	ng	0.10
21) Naphthalene-d8	7.41	136	48779	20.00	ng	0.15
38) Acenaphthene-d10	9.40	164	190676	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	357663	20.00	ng	0.00
75) Chrysene-d12	14.46	240	306611	20.00	ng	0.00
86) Perylene-d12	16.08	264	235562	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	27224	5.59	ng	0.07
7) Phenol-d6	5.47	99	204433	35.58	ng	0.07
23) Nitrobenzene-d5	6.62	82	15229	19.28	ng	0.20
41) 2,4,6-Tribromophenol	10.37	330	118460	79.43	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	965679	74.52	ng	0.00
78) Terphenyl-d14	13.20	244	914882	79.76	ng	0.00

Target Compounds						Qvalue
3) Pyridine	2.60	79	45766	7.39	ng	# 44
4) n-Nitrosodimethylamine	2.60	42	100419	39.17	ng	# 1
9) Benzaldehyde	5.39	77	3058635	699.72	ng	# 1
10) Phenol	5.50	94	20165	2.86	ng	# 1
11) bis(2-Chloroethyl)ether	5.53	93	42746	8.29	ng	# 1
15) Benzyl Alcohol	6.04	79	37860	8.88	ng	# 2
17) 2-Methylphenol	6.19	107	91168	20.87	ng	# 1
18) Hexachloroethane	6.48	117	1935953	913.44	ng	# 1
19) n-Nitroso-di-n-propylamine	6.34	70	270567	71.06	ng	# 81
22) Acetophenone	6.32	105	3972646	3349.45	ng	# 49
24) Nitrobenzene	6.61	77	290737	349.49	ng	# 35
25) Isophorone	6.84	82	21633	14.77	ng	# 1
26) 2-Nitrophenol	6.97	139	18690	41.82	ng	# 1
27) 2,4-Dimethylphenol	7.06	122	2212	3.05	ng	# 1
28) bis(2-Chloroethoxy)methane	7.14	93	40487	42.74	ng	# 26
29) 2,4-Dichlorophenol	7.26	162	23529	34.84	ng	# 48
30) 1,2,4-Trichlorobenzene	7.32	180	1844	2.64	ng	# 1
31) Naphthalene	7.36	128	3405078	1452.06	ng	97
32) Benzoic acid	7.23	122	8223	21.42	ng	# 1
33) 4-Chloroaniline	7.65	127	30320	31.08	ng	# 1
35) Caprolactam	7.89	113	8295	39.10	ng	# 1
36) 4-Chloro-3-methylphenol	8.19	107	5385	7.61	ng	# 1
37) 2-Methylnaphthalene	8.29	142	1964193	1224.30	ng	96
45) 1,1'-Biphenyl	8.71	154	64456	4.14	ng	97
49) Dimethylphthalate	9.09	163	372302	26.20	ng	97
53) 2,4-Dinitrophenol	9.76	184	733	6.15	ng	96
55) 4-Nitrophenol	9.65	139	7022	2.69	ng	# 60
70) Phenanthrene	11.24	178	88518	4.39	ng	98
71) Anthracene	11.24	178	88518	4.25	ng	98
74) Fluoranthene	12.70	202	58992	2.83	ng	97
77) Pyrene	12.98	202	50361	2.35	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 667

Delta R.T. 0.10 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

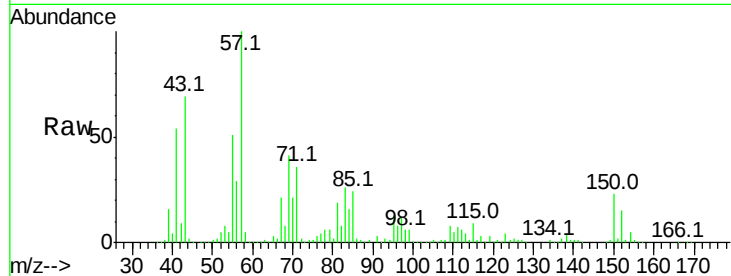
Tot Ion:152 Resp: 80867

Ion Ratio Lower Upper

152 100

150 150.8 126.2 189.2

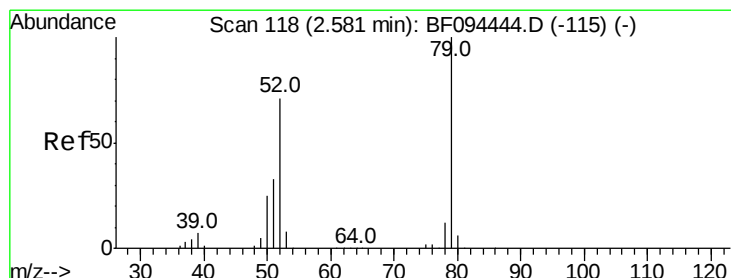
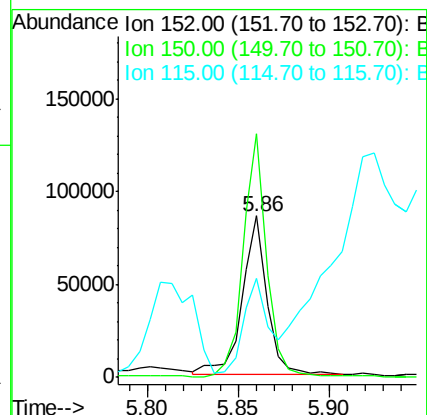
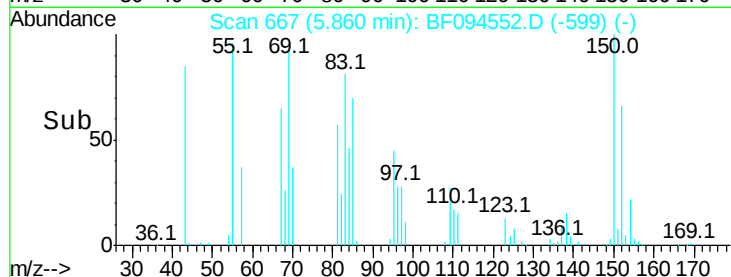
115 61.0 52.2 78.2



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



#3

Pyridine

Concen: 7.39 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.02 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

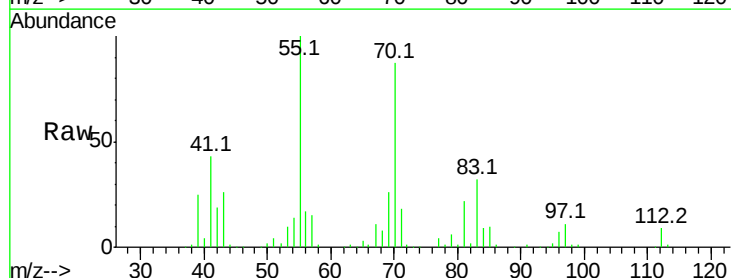
Tgt Ion: 79 Resp: 45766

Ion Ratio Lower Upper

79 100

52 26.6 54.8 82.2#

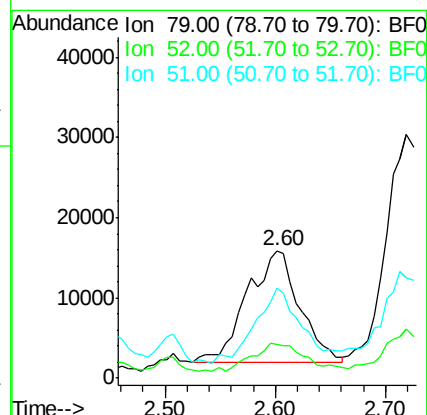
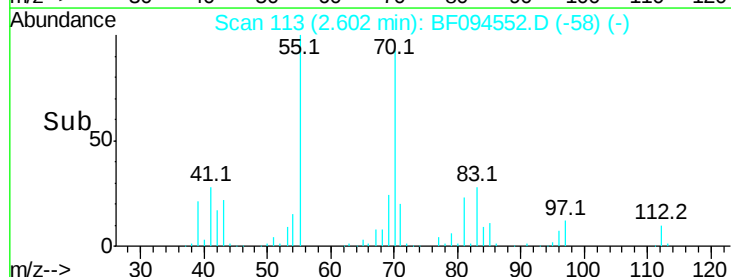
51 70.8 27.0 40.4#

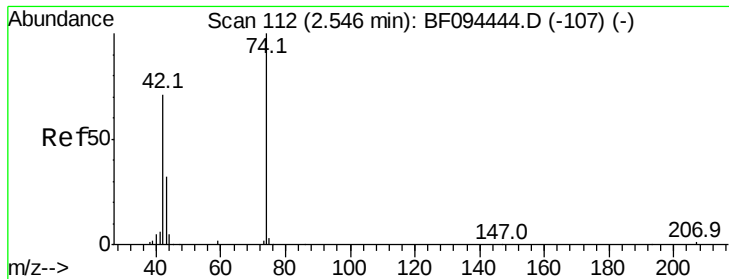


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 39.17 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

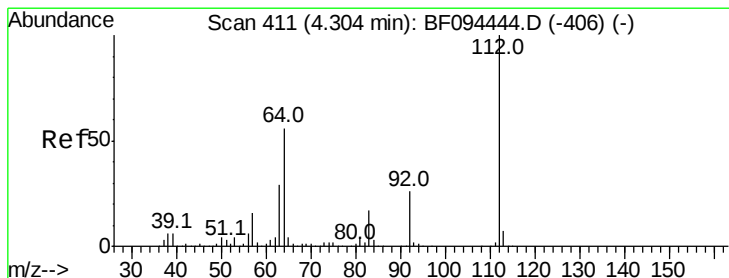
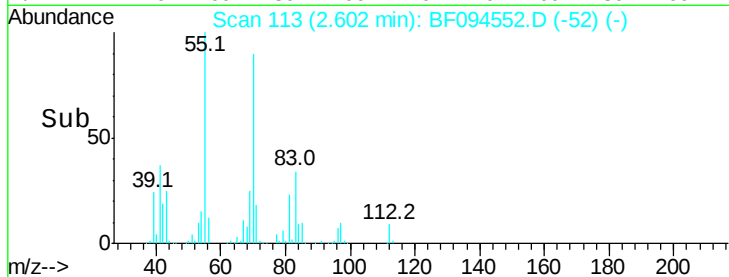
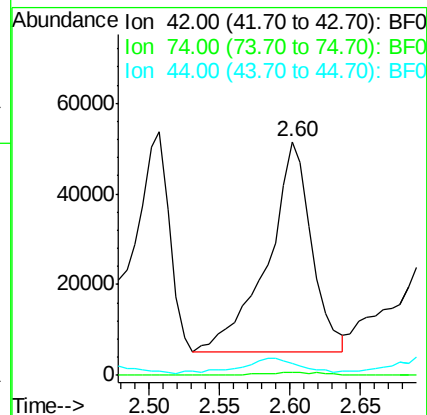
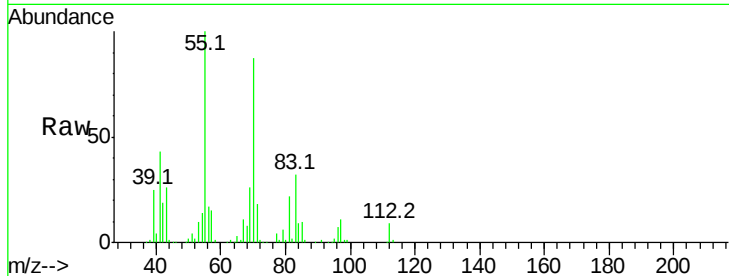
Tot Ion: 42 Resp: 100419

Ion Ratio Lower Upper

42 100

74 1.4 103.9 155.9#

44 5.1 5.7 8.5#



#5

2-Fluorophenol

Concen: 5.59 ng

RT: 4.37 min Scan# 414

Delta R.T. 0.07 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

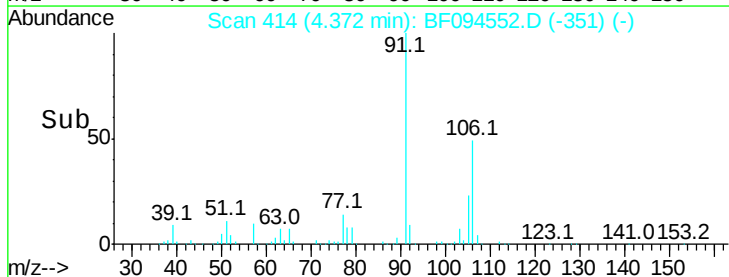
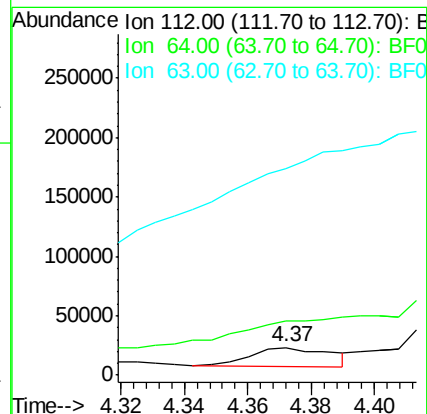
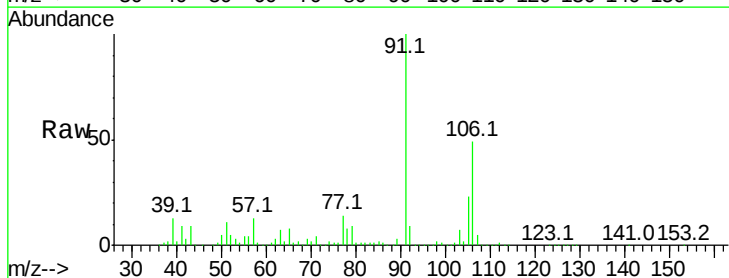
Tgt Ion: 112 Resp: 27224

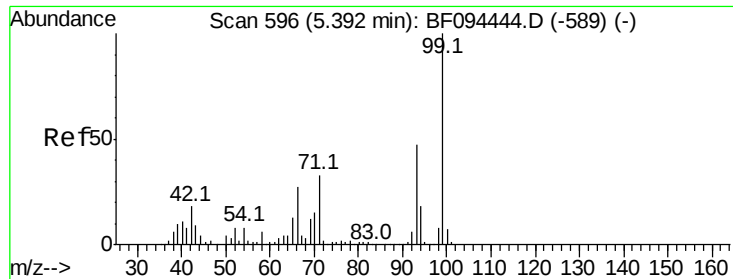
Ion Ratio Lower Upper

112 100

64 194.6 46.0 69.0#

63 747.7 23.4 35.0#





#7

Phenol-d6

Concen: 35.58 ng

RT: 5.47 min Scan# 600

Delta R.T. 0.07 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampled :

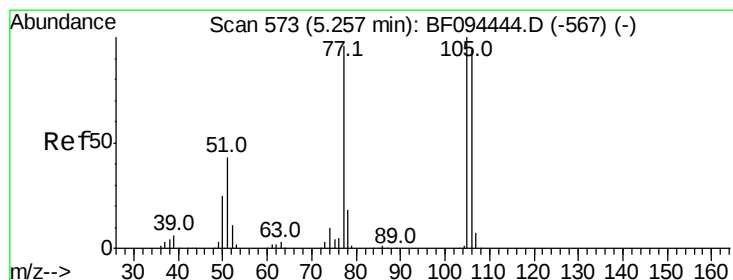
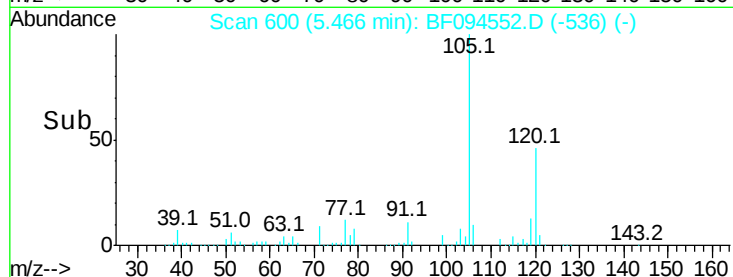
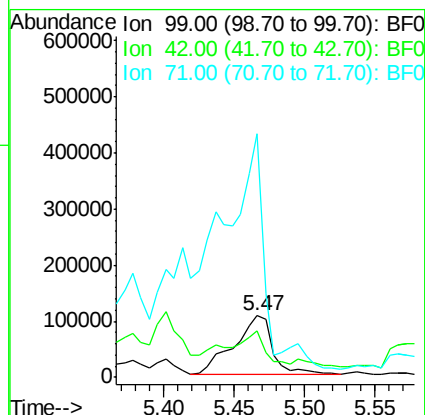
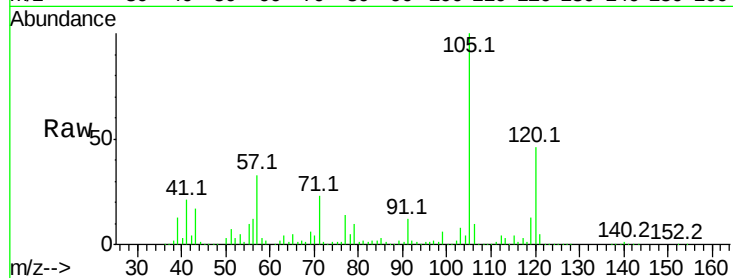
Tot Ion: 99 Resp: 204433

Ion Ratio Lower Upper

99 100

42 75.5 13.5 20.3#

71 395.2 24.5 36.7#



#9

Benzaldehyde

Concen: 699.72 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.13 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

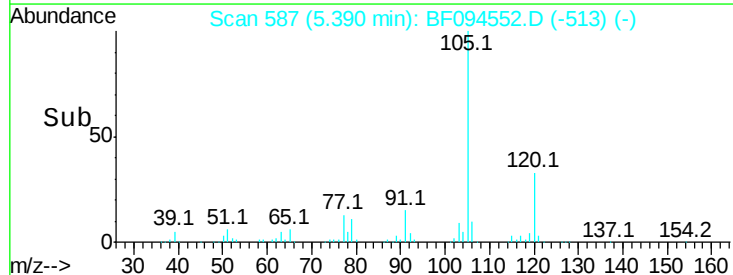
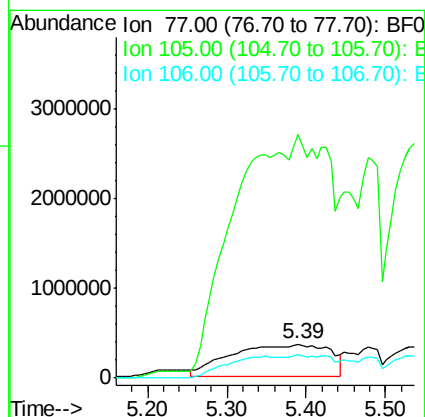
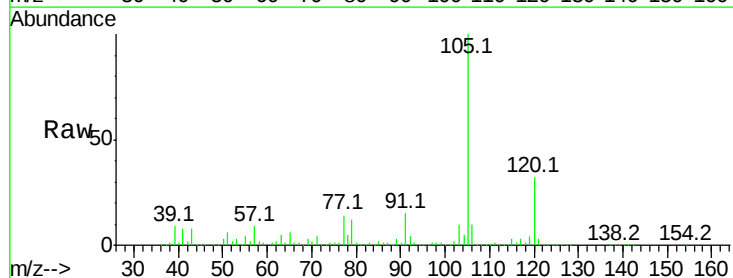
Tgt Ion: 77 Resp: 3058635

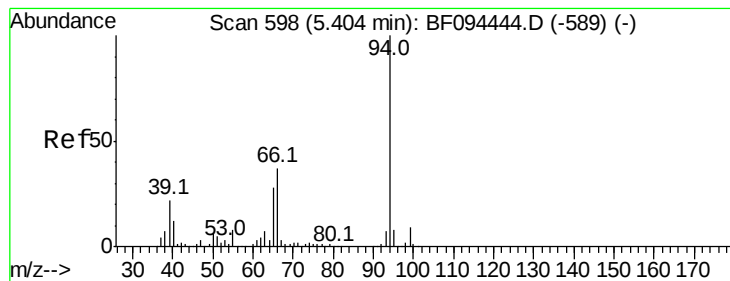
Ion Ratio Lower Upper

77 100

105 710.6 83.8 123.8#

106 68.1 79.1 119.1#





#10

Phenol

Concen: 2.86 ng

RT: 5.50 min Scan# 606

Delta R.T. 0.10 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

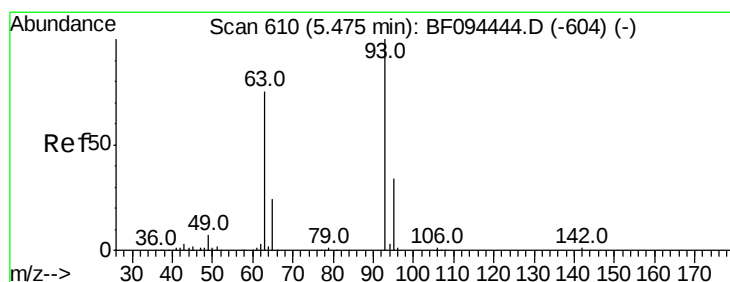
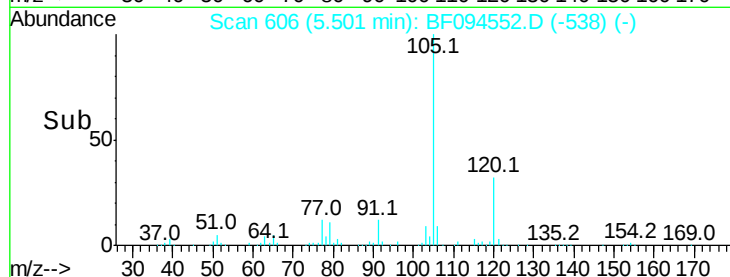
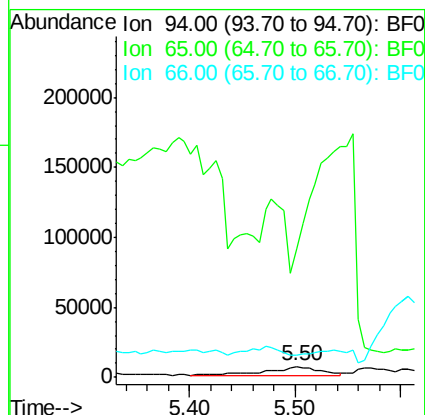
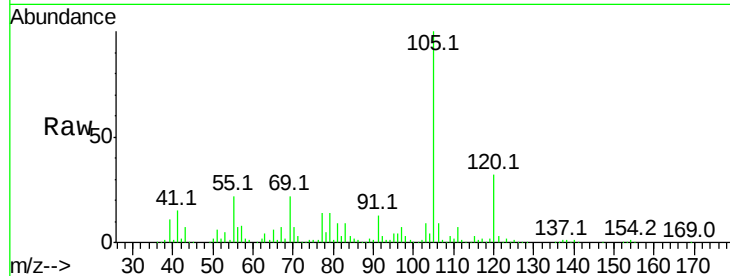
Tot Ion: 94 Resp: 20165

Ion Ratio Lower Upper

94 100

65 1164.1 9.9 49.9#

66 204.4 23.1 63.1#



#11

bis(2-Chloroethyl)ether

Concen: 8.29 ng

RT: 5.53 min Scan# 611

Delta R.T. 0.06 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

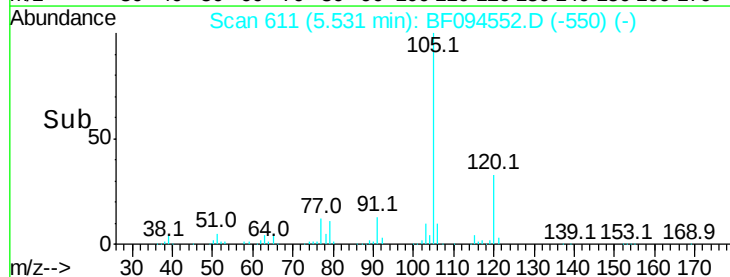
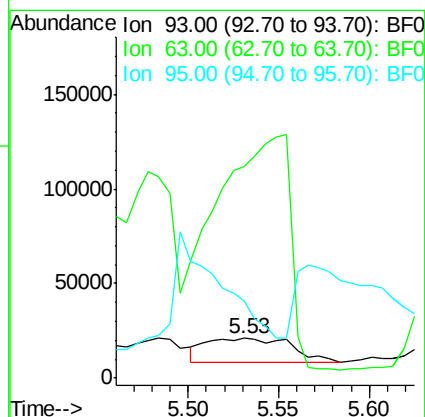
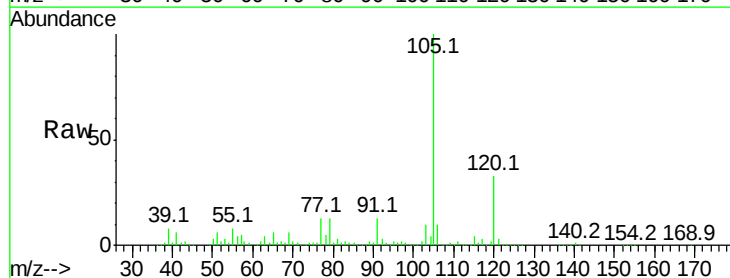
Tgt Ion: 93 Resp: 42746

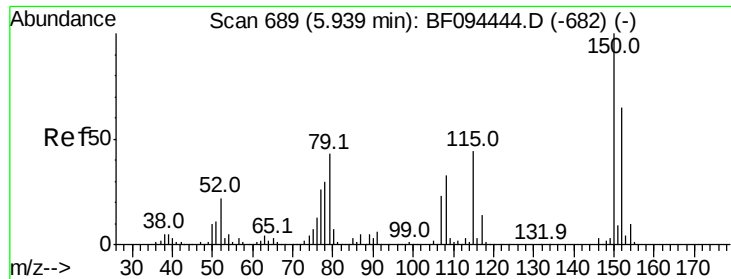
Ion Ratio Lower Upper

93 100

63 531.7 59.2 99.2#

95 193.0 12.8 52.8#





#15

Benzyl Alcohol

Concen: 8.88 ng

RT: 6.04 min Scan# 698

Delta R.T. 0.10 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

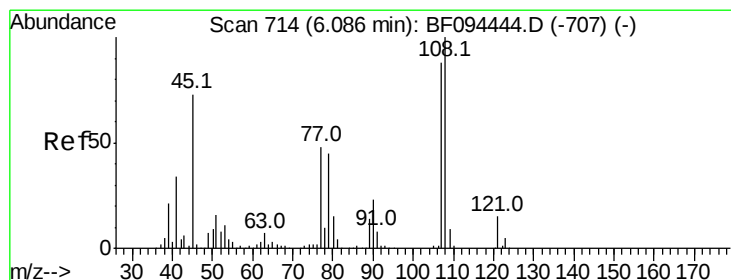
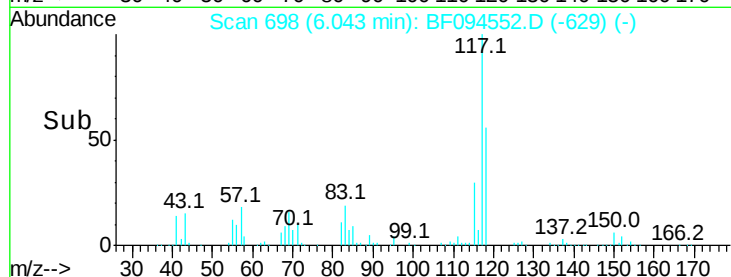
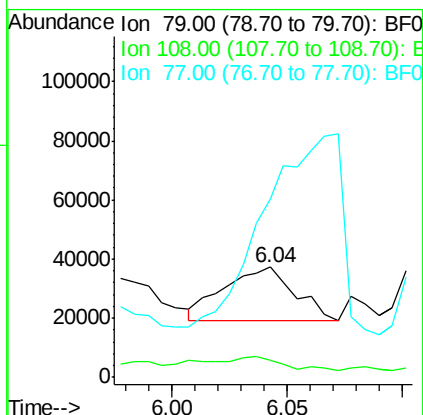
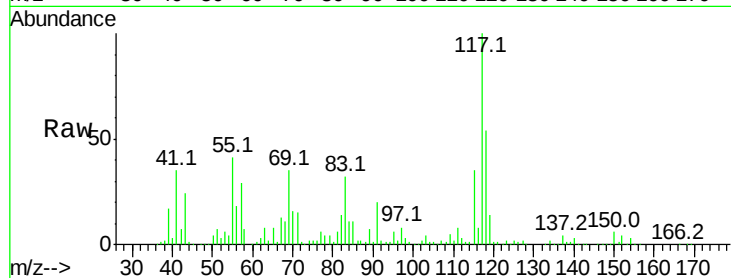
Tot Ion: 79 Resp: 37860

Ion Ratio Lower Upper

79 100

108 15.9 63.4 95.0#

77 161.3 49.2 73.8#



#17

2-Methylphenol

Concen: 20.87 ng

RT: 6.19 min Scan# 723

Delta R.T. 0.10 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion: 107 Resp: 91168

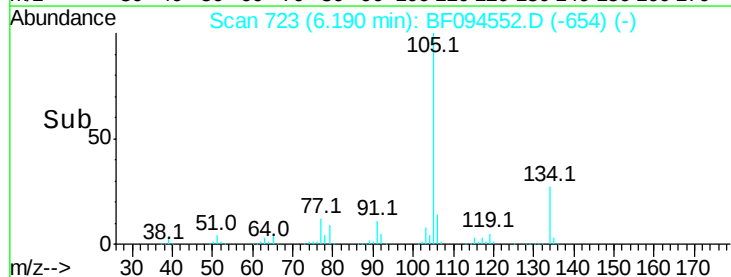
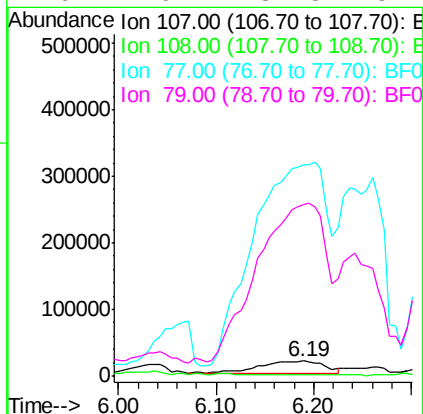
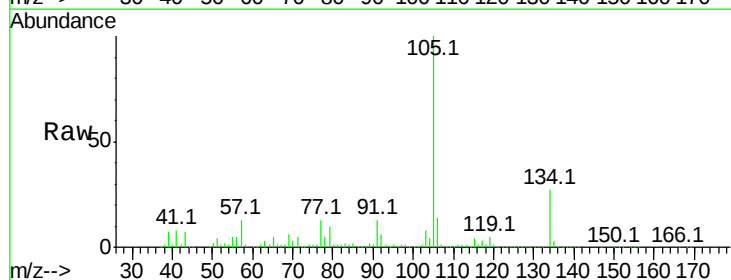
Ion Ratio Lower Upper

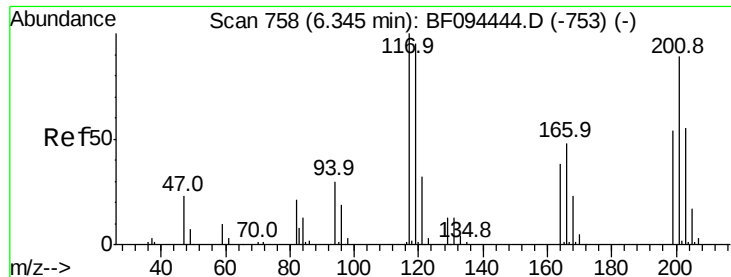
107 100

108 6.2 93.4 140.0#

77 1380.4 35.8 53.6#

79 1120.4 34.8 52.2#

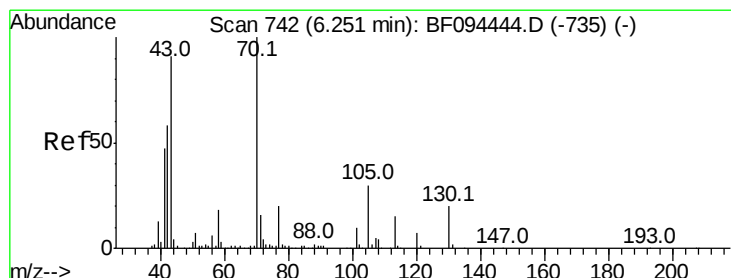
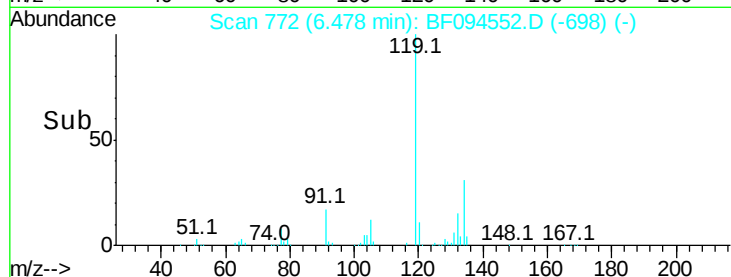
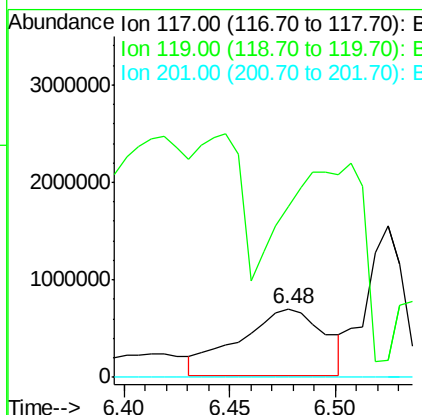
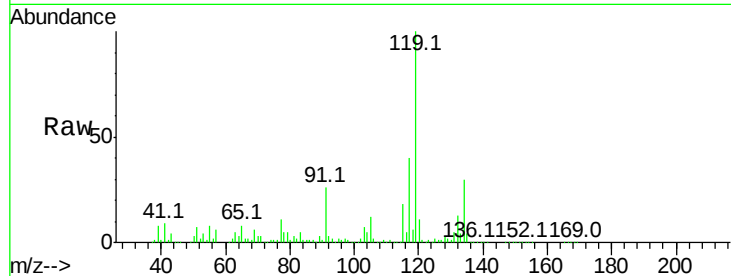




#18
Hexachloroethane
Concen: 913.44 ng
RT: 6.48 min Scan# 772
Delta R.T. 0.13 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

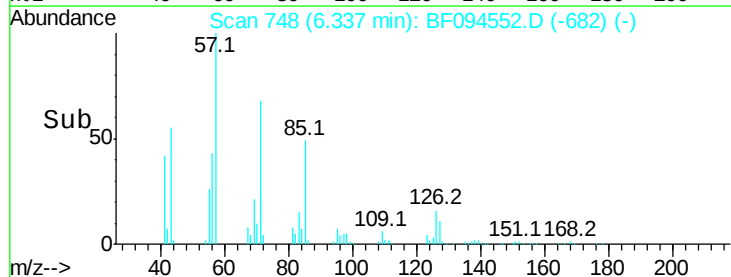
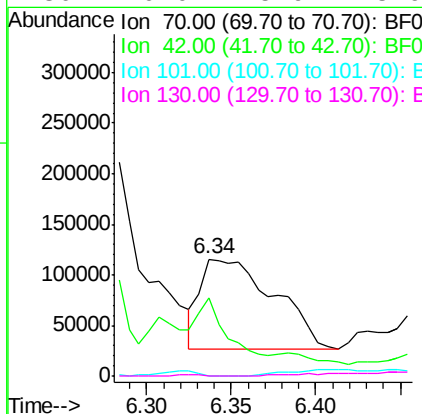
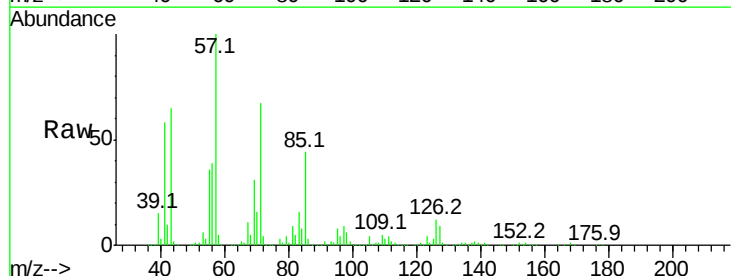
Instrument :
BNA_F
ClientSampleId :

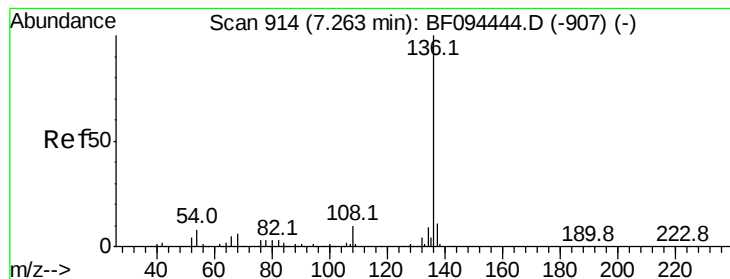
Tot Ion:117 Resp: 1935953
Ion Ratio Lower Upper
117 100
119 250.2 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 71.06 ng
RT: 6.34 min Scan# 748
Delta R.T. 0.09 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion: 70 Resp: 270567
Ion Ratio Lower Upper
70 100
42 66.6 47.2 70.8
101 0.3 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.15 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 48779

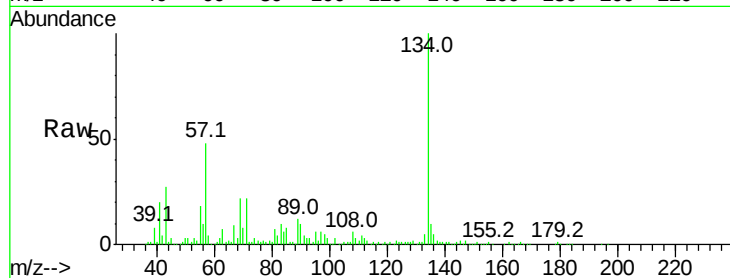
Ion Ratio Lower Upper

136 100

137 35.6 8.5 12.7#

54 33.6 4.9 7.3#

68 51.0 4.1 6.1#

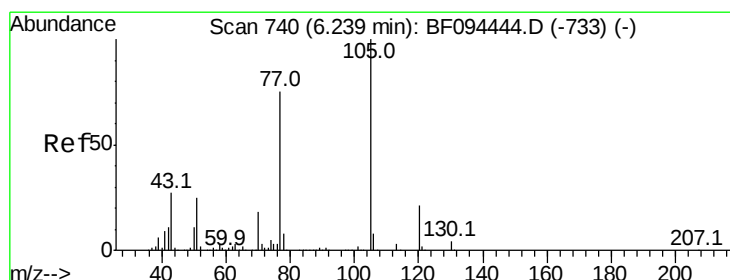
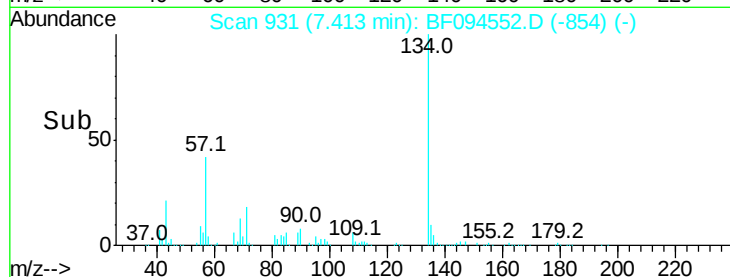
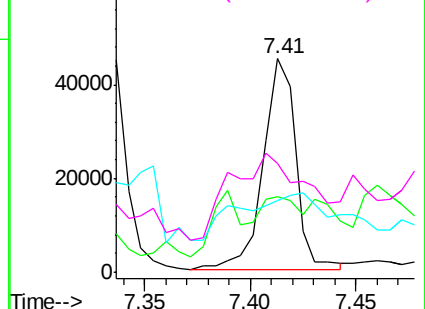


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3349.45 ng

RT: 6.32 min Scan# 746

Delta R.T. 0.09 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion:105 Resp: 3972646

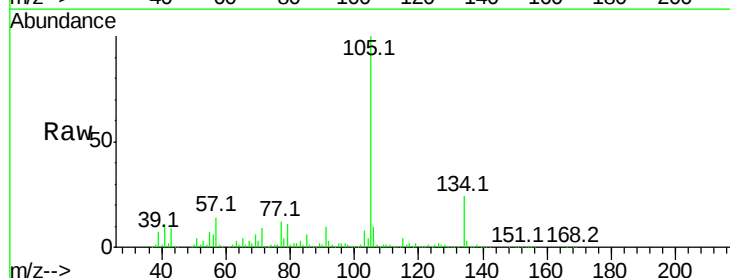
Ion Ratio Lower Upper

105 100

71 8.7 2.8 4.2#

51 4.1 30.7 46.1#

120 0.2 17.4 26.0#

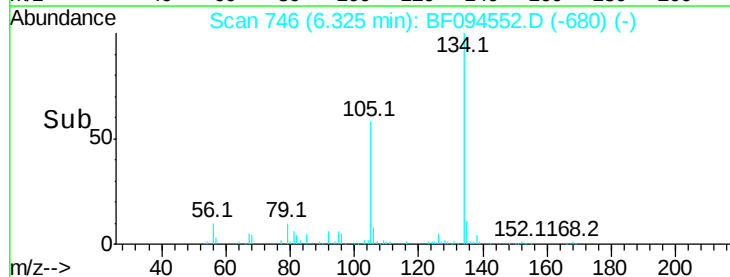
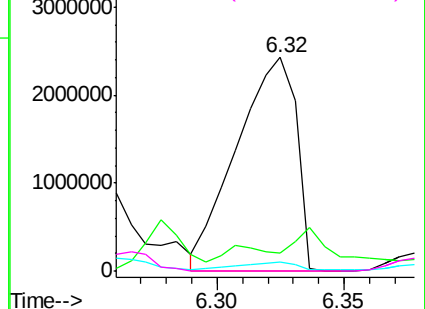


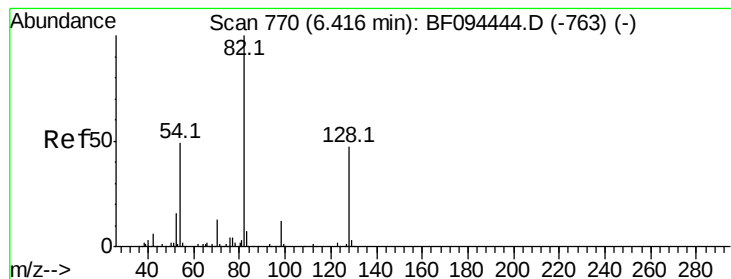
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 19.28 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.20 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

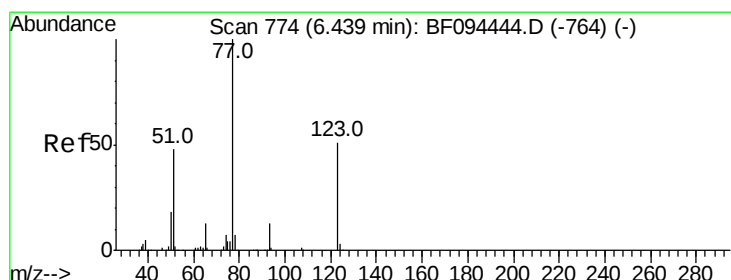
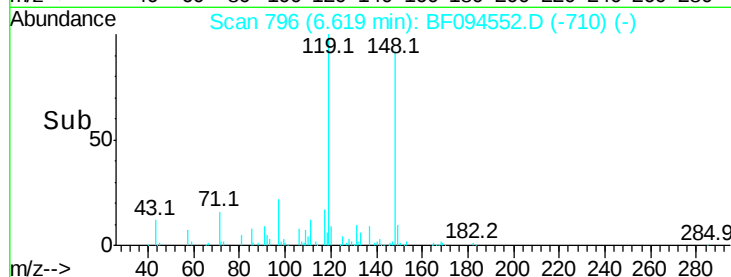
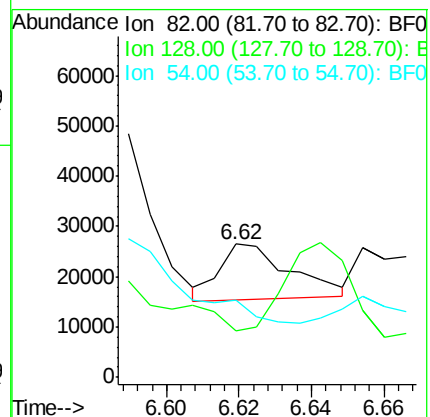
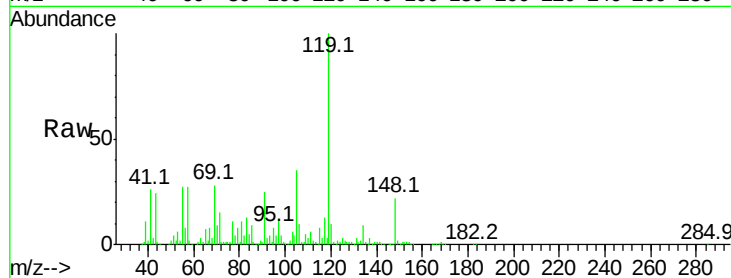
Tot Ion: 82 Resp: 15229

Ion Ratio Lower Upper

82 100

128 34.5 34.0 51.0

54 57.9 42.2 63.2



#24

Nitrobenzene

Concen: 349.49 ng

RT: 6.61 min Scan# 794

Delta R.T. 0.17 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

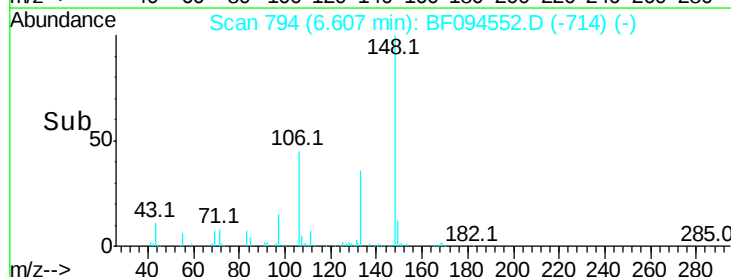
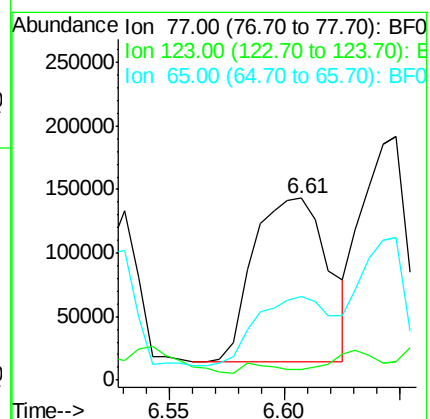
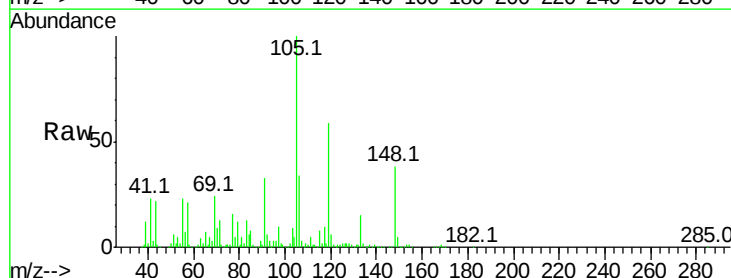
Tgt Ion: 77 Resp: 290737

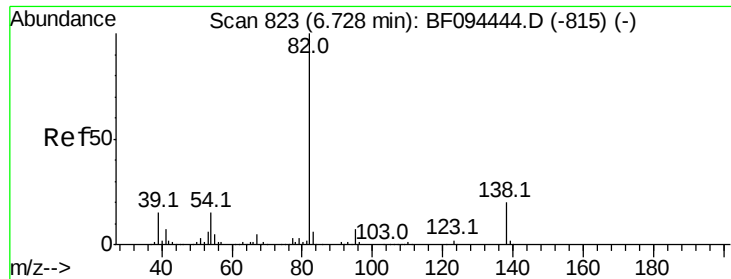
Ion Ratio Lower Upper

77 100

123 5.6 35.8 53.8#

65 46.0 10.6 15.8#





#25

Isophorone

Concen: 14.77 ng

RT: 6.84 min Scan# 834

Delta R.T. 0.11 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

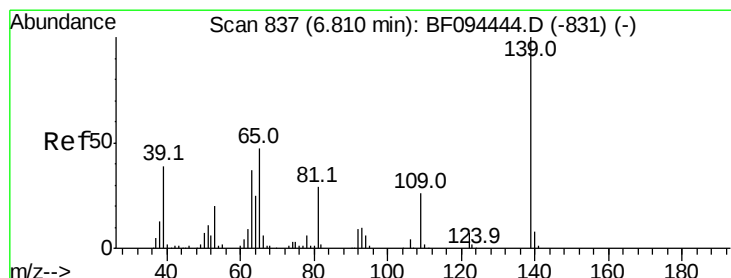
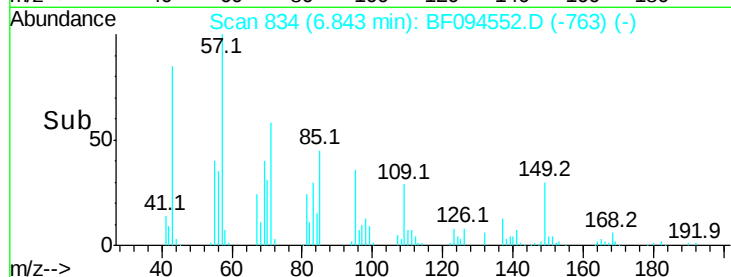
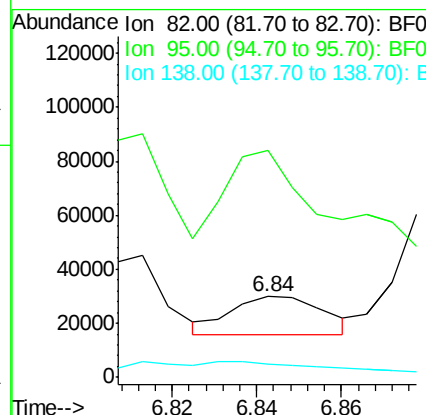
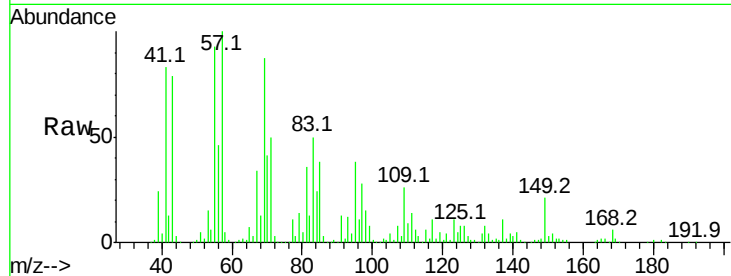
Tot Ion: 82 Resp: 21633

Ion Ratio Lower Upper

82 100

95 281.3 5.3 7.9#

138 16.5 13.1 19.7



#26

2-Nitrophenol

Concen: 41.82 ng

RT: 6.97 min Scan# 856

Delta R.T. 0.16 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

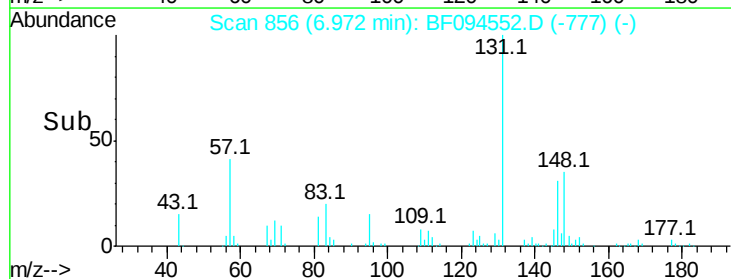
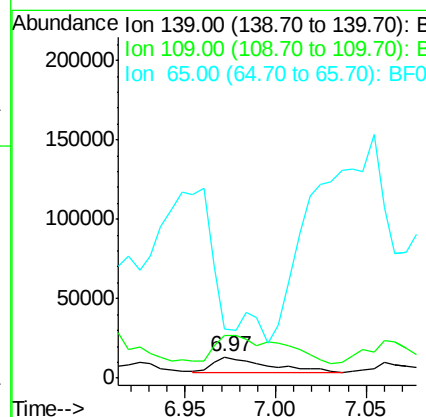
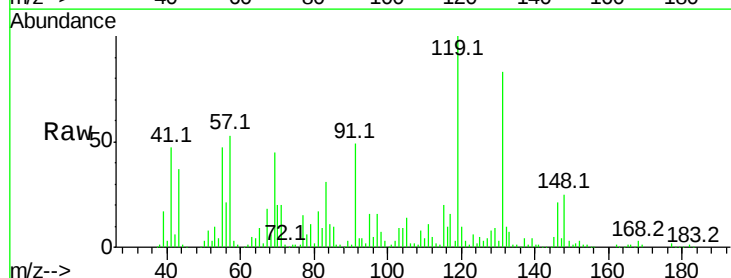
Tgt Ion: 139 Resp: 18690

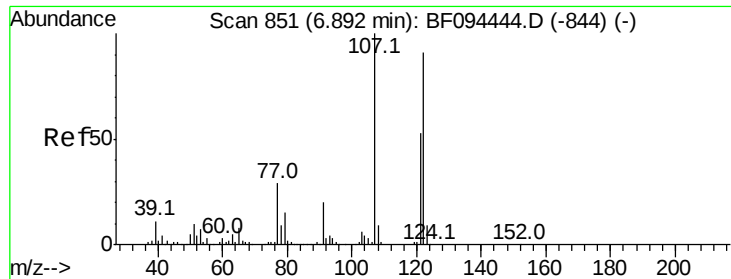
Ion Ratio Lower Upper

139 100

109 202.8 21.0 31.6#

65 229.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 3.05 ng

RT: 7.06 min Scan# 871

Delta R.T. 0.17 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

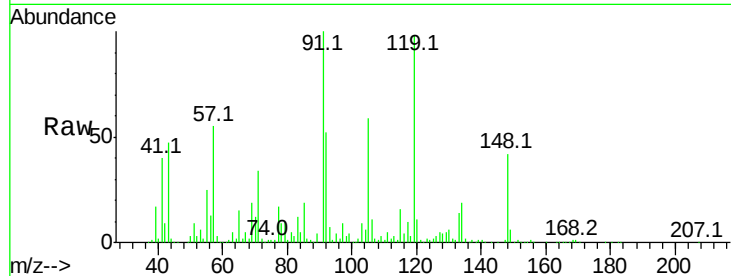
Tot Ion:122 Resp: 2212

Ion Ratio Lower Upper

122 100

107 527.6 89.2 133.8#

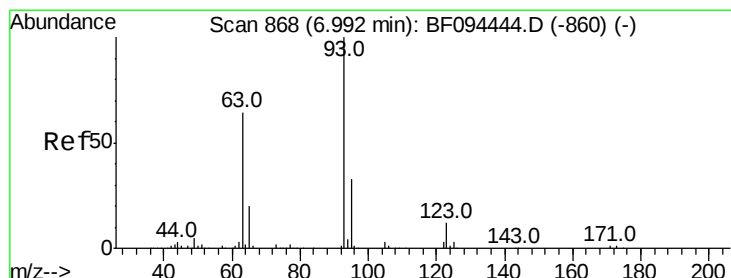
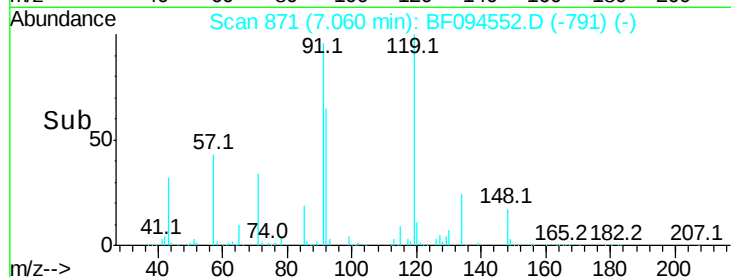
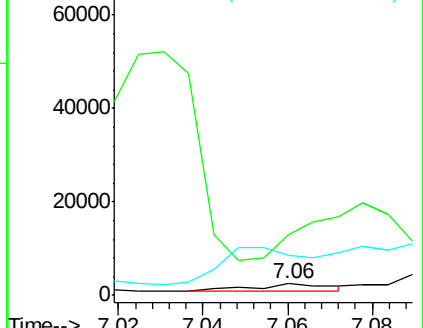
121 343.5 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.74 ng

RT: 7.14 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

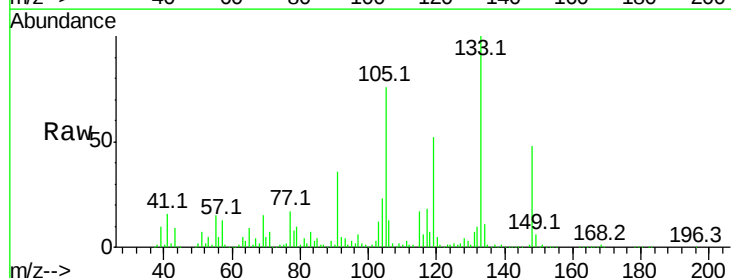
Tgt Ion: 93 Resp: 40487

Ion Ratio Lower Upper

93 100

95 81.2 26.5 39.7#

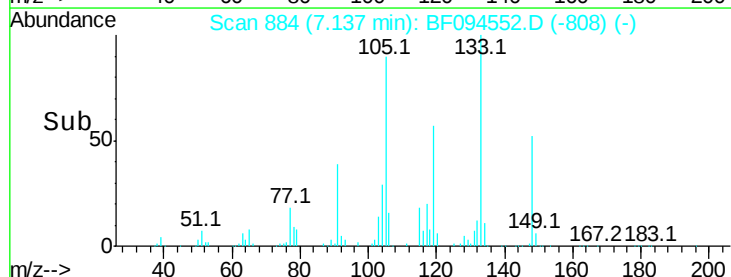
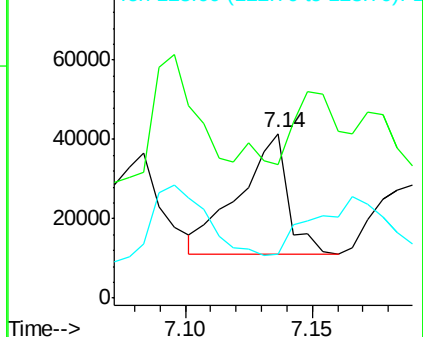
123 26.4 9.0 13.4#

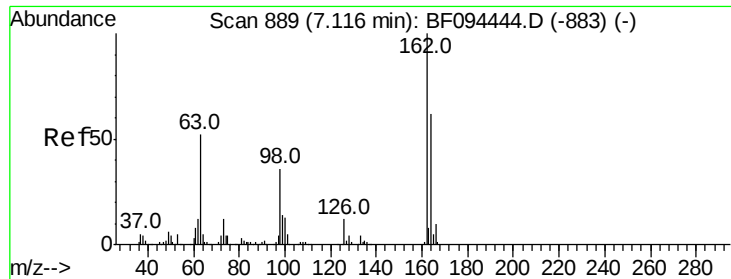


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

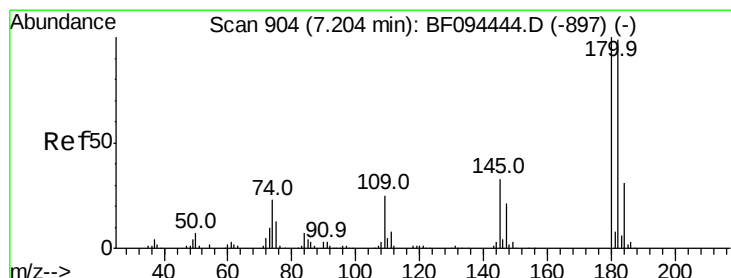
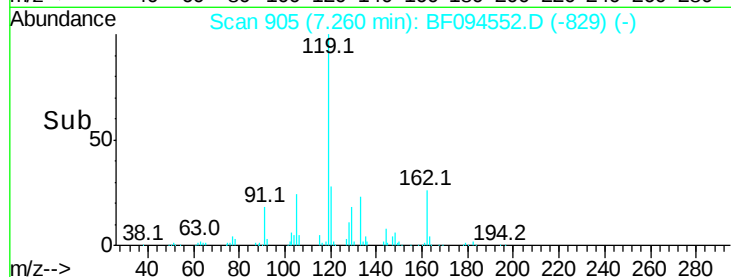
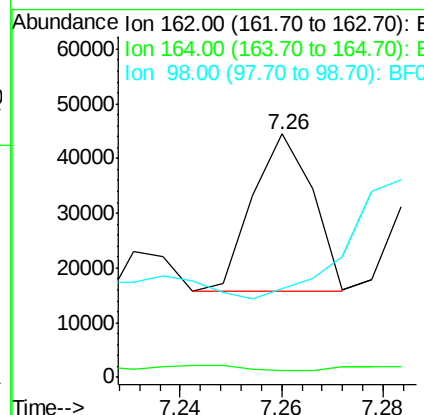
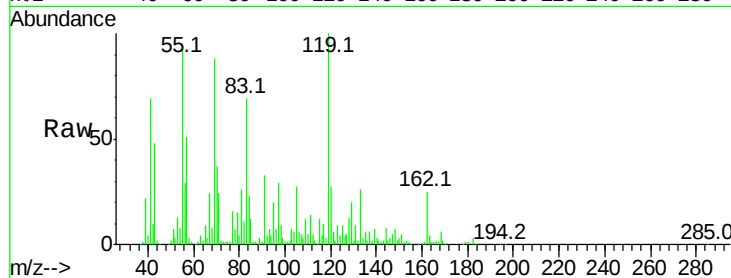




#29
 2,4-Dichlorophenol
 Concen: 34.84 ng
 RT: 7.26 min Scan# 905
 Delta R.T. 0.14 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

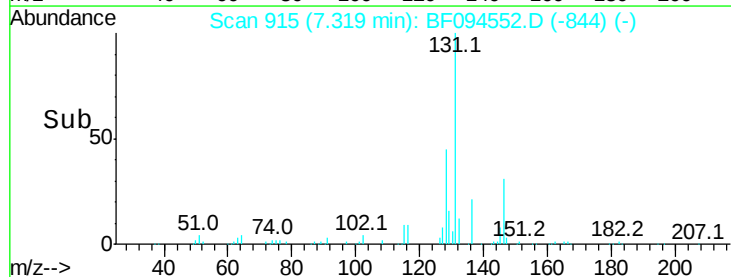
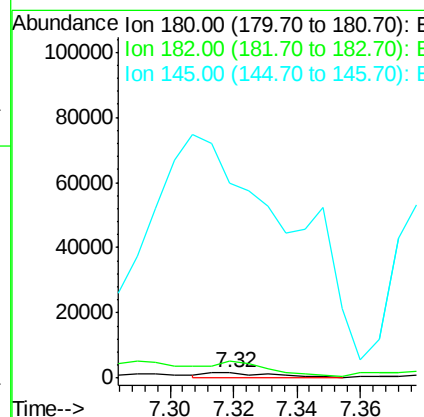
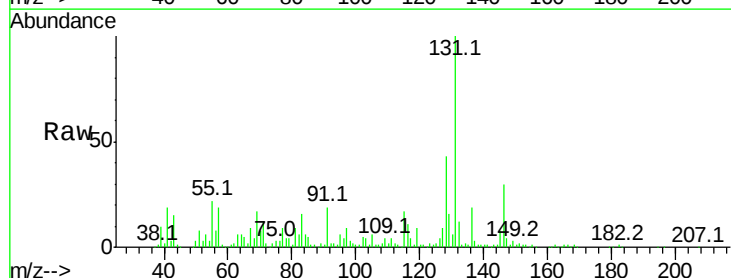
Instrument :
 BNA_F
 ClientSampled :

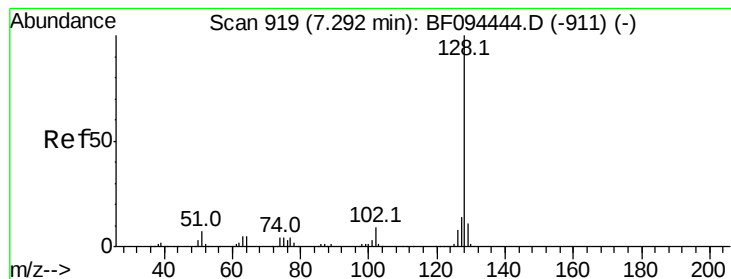
Tot Ion	Ratio	Lower	Upper
162	100		
164	2.8	44.6	84.6#
98	36.3	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 2.64 ng
 RT: 7.32 min Scan# 915
 Delta R.T. 0.11 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	318.8	75.8	113.6#
145	3708.1	25.3	37.9#





#31

Naphthalene

Concen: 1452.06 ng

RT: 7.36 min Scan# 922

Delta R.T. 0.07 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

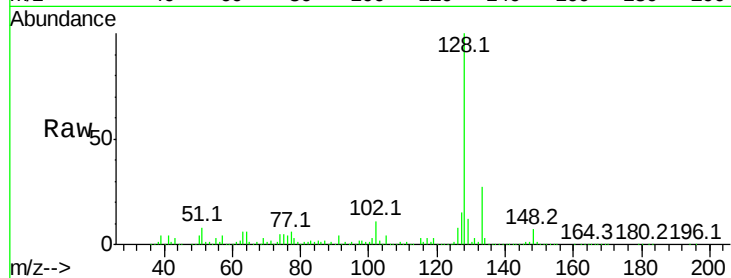
Tot Ion:128 Resp: 3405078

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

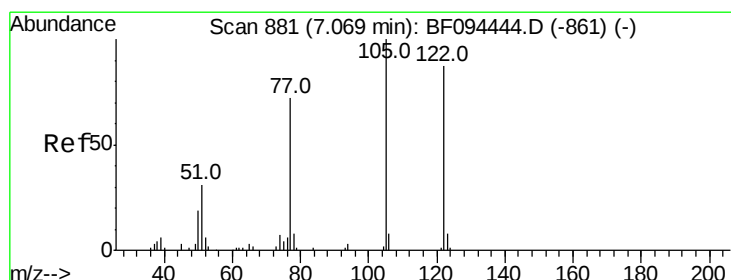
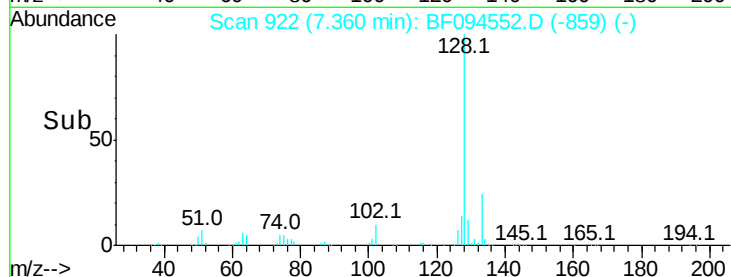
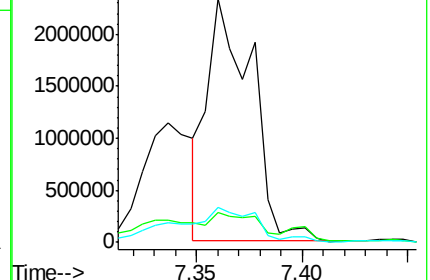
127 14.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.42 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.16 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

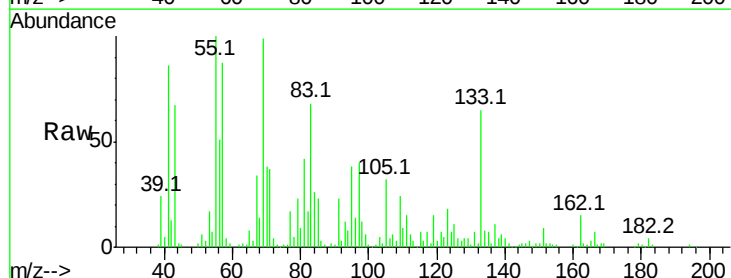
Tgt Ion:122 Resp: 8223

Ion Ratio Lower Upper

122 100

105 656.2 103.3 143.3#

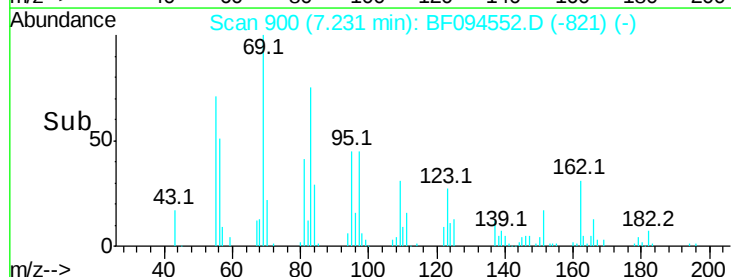
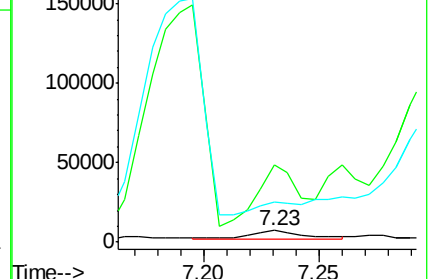
77 343.9 73.7 113.7#

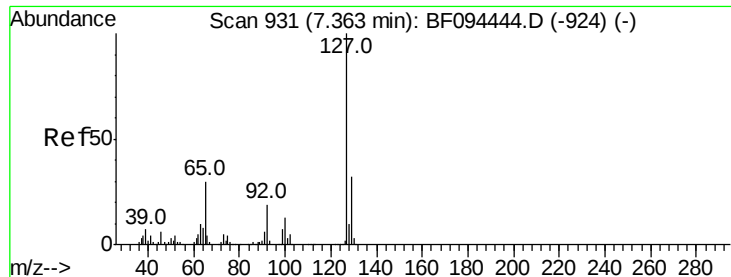


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

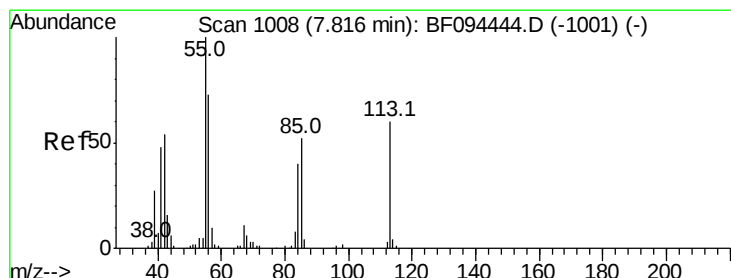
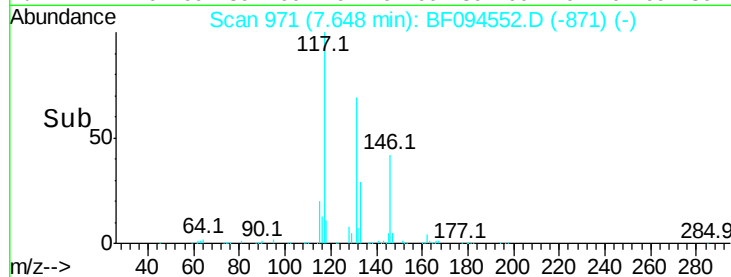
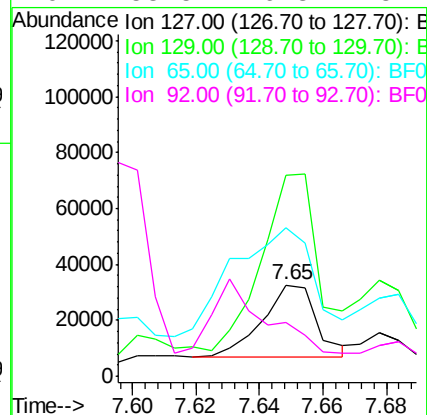
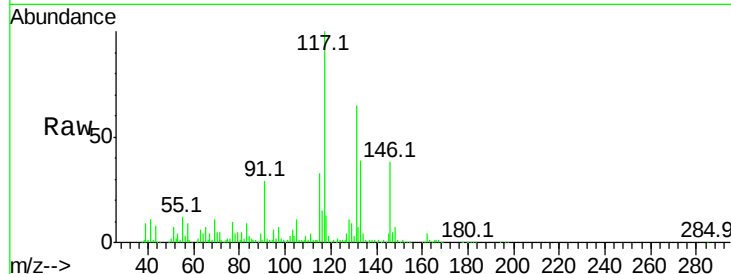




#33
4-Chloroaniline
Concen: 31.08 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.29 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

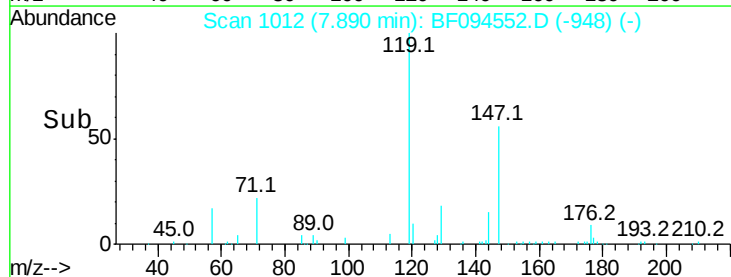
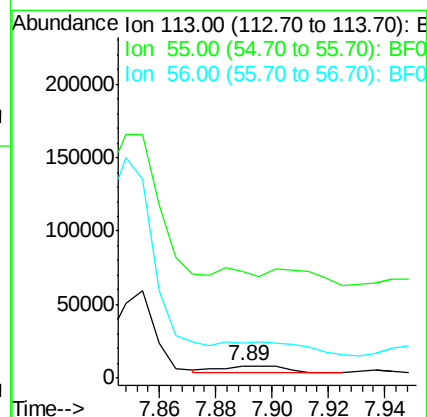
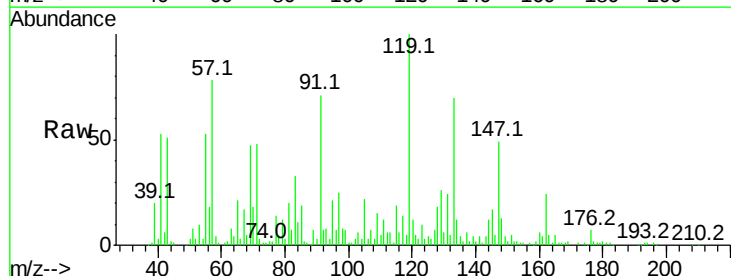
Instrument :
BNA_F
ClientSampled :

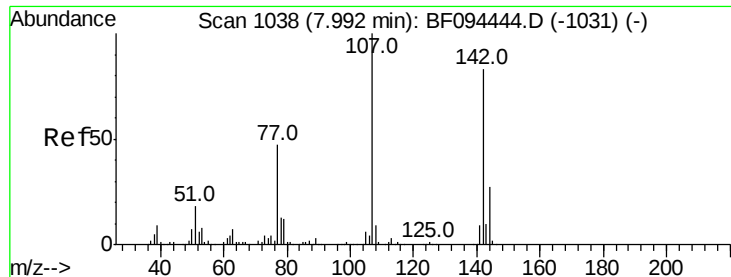
Tot Ion:127	Resp:	30320
Ion Ratio	Lower	Upper
127	100	
129	219.5	26.2 39.2#
65	162.5	27.8 41.8#
92	58.5	16.8 25.2#



#35
Caprolactam
Concen: 39.10 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.07 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion:113	Resp:	8295
Ion Ratio	Lower	Upper
113	100	
55	864.5	150.2 190.2#
56	286.4	107.8 147.8#

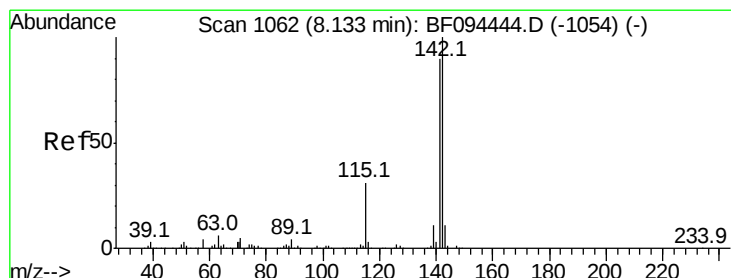
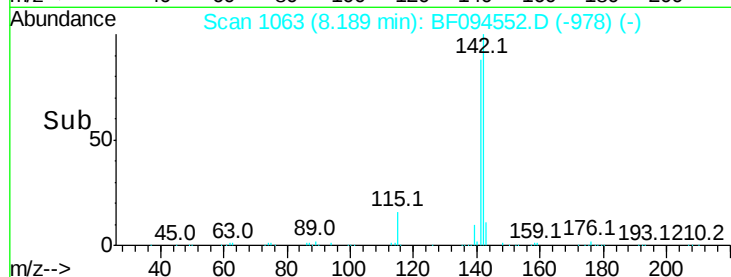
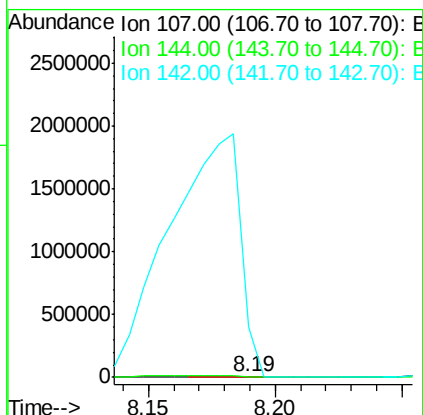
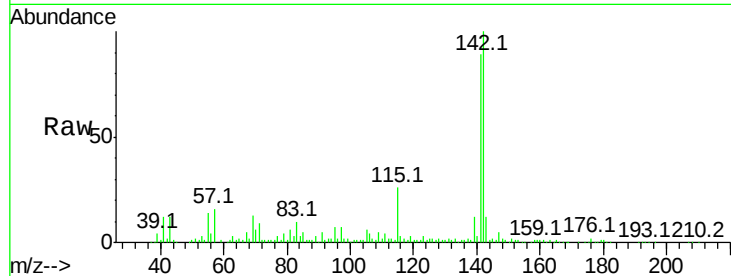




#36
4-Chloro-3-methylphenol
Concen: 7.61 ng
RT: 8.19 min Scan# 1063
Delta R.T. 0.20 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

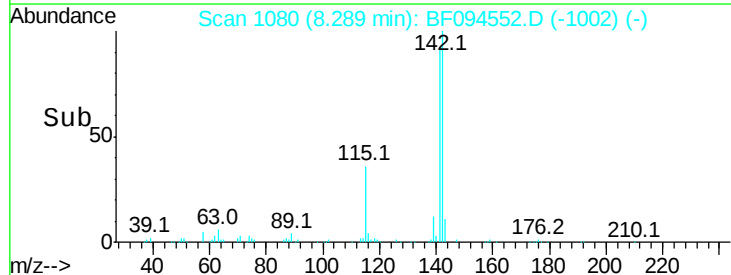
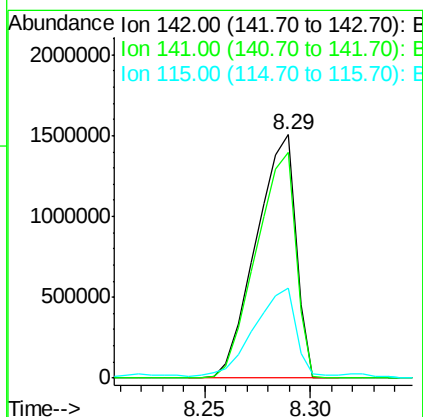
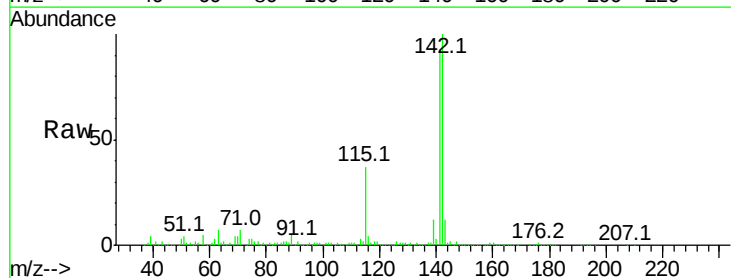
Instrument :
BNA_F
ClientSampled :

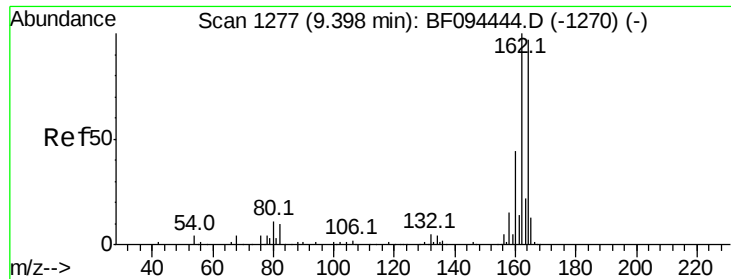
Tot Ion:107 Resp: 5385
Ion Ratio Lower Upper
107 100
144 45.5 24.2 36.4#
142 5499.7 73.4 110.0#



#37
2-Methylnaphthalene
Concen: 1224.30 ng
RT: 8.29 min Scan# 1080
Delta R.T. 0.16 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion:142 Resp: 1964193
Ion Ratio Lower Upper
142 100
141 92.7 71.3 106.9
115 36.9 27.1 40.7

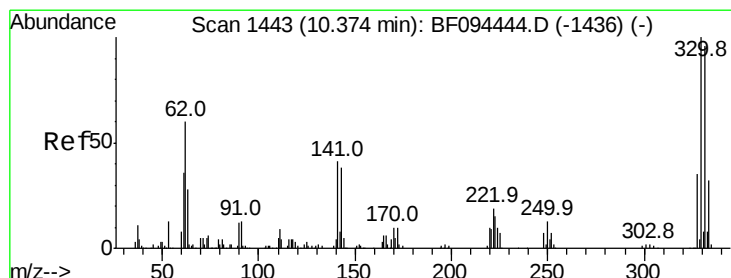
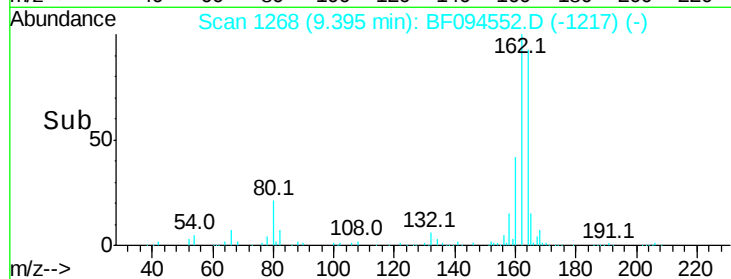
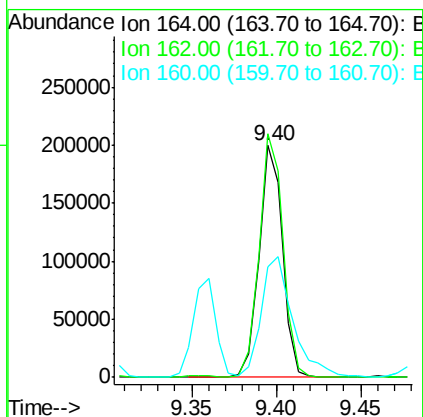
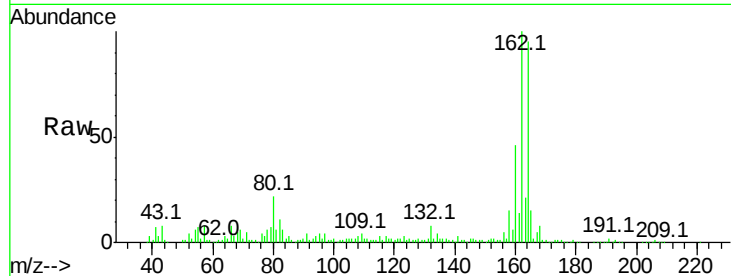




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

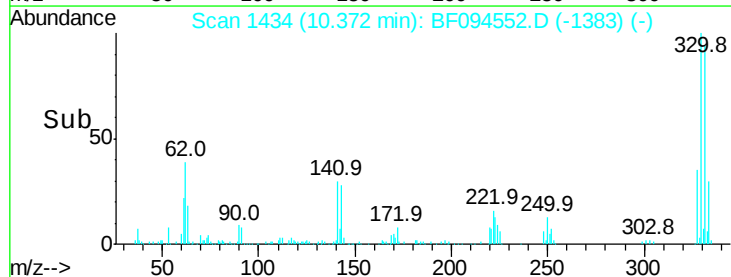
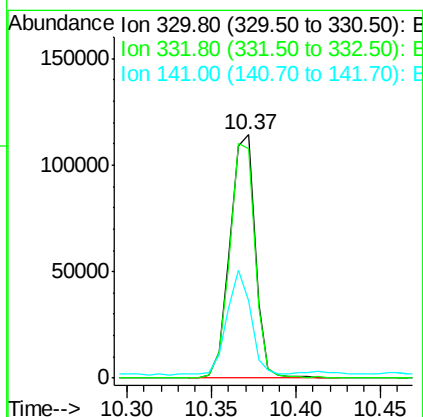
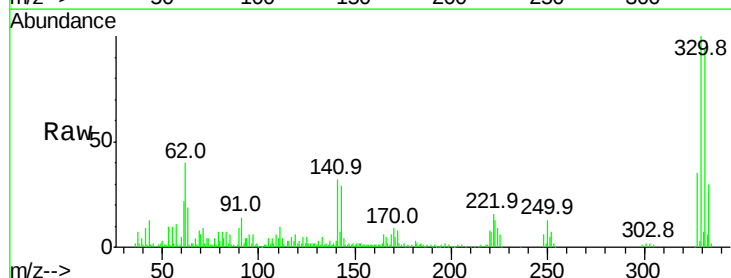
Instrument :
BNA_F
ClientSampleId :

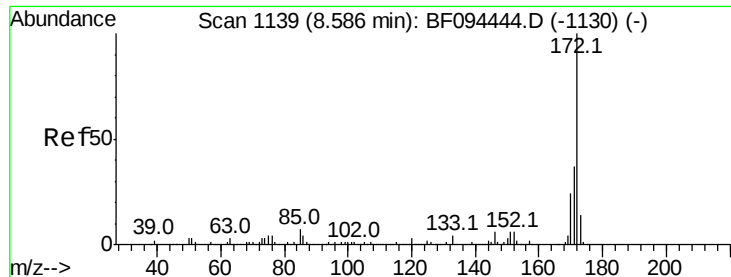
Tot Ion:164 Resp: 190676
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 47.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 79.43 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion:330 Resp: 118460
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 40.8 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 74.52 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

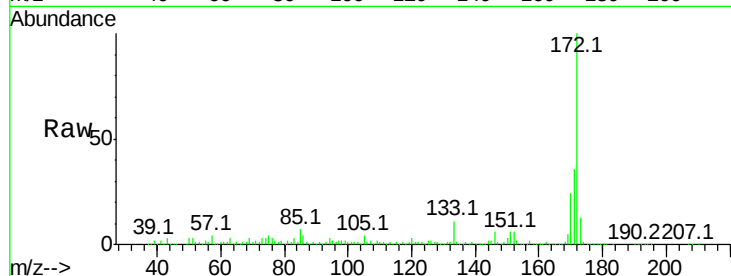
Tot Ion:172 Resp: 965679

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

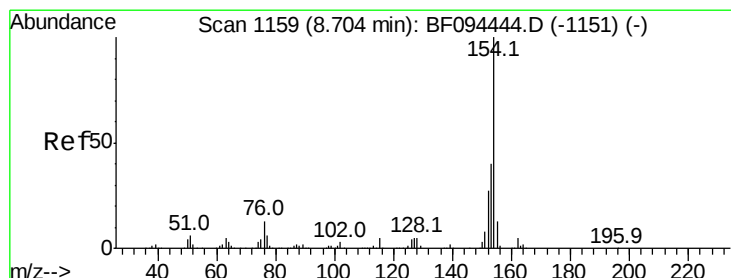
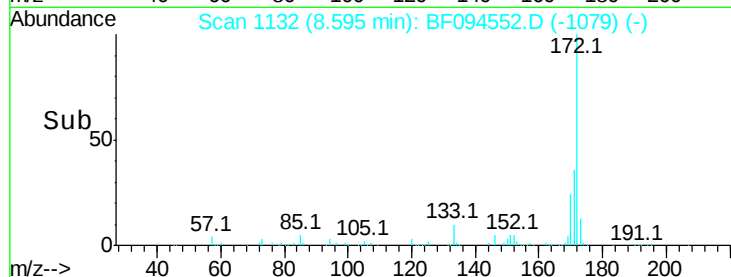
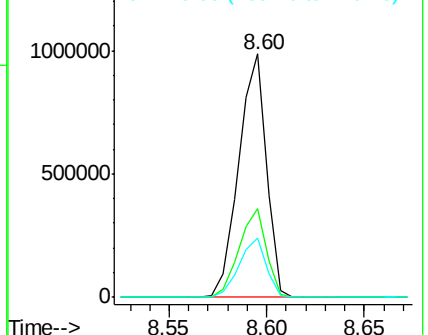
170 24.2 19.8 29.8



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



#45

1,1'-Biphenyl

Concen: 4.14 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

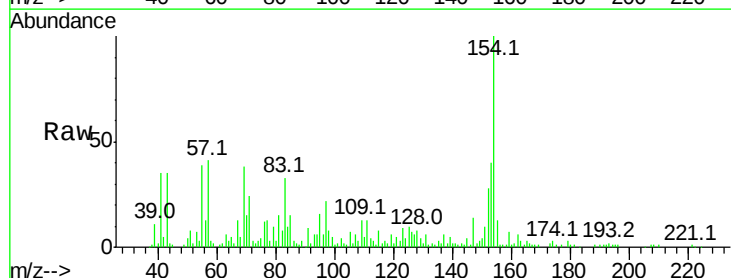
Tgt Ion:154 Resp: 64456

Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

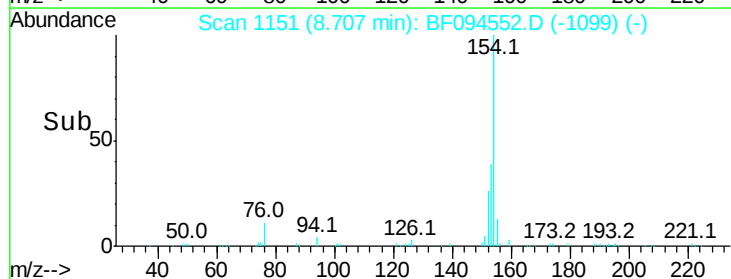
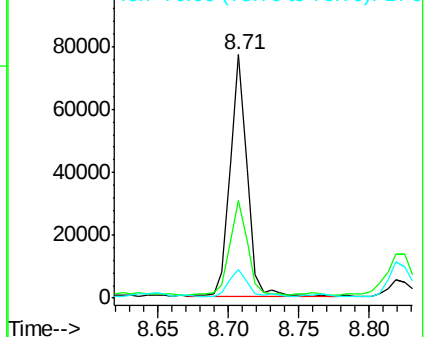
76 12.0 0.0 29.9

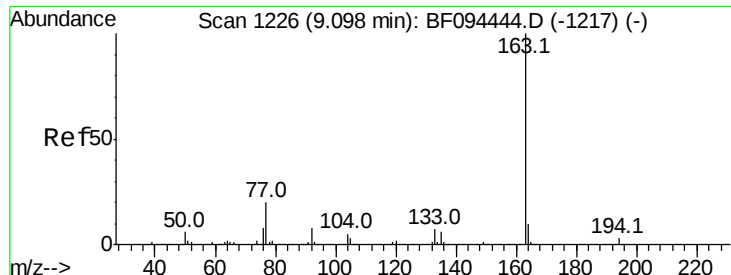


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

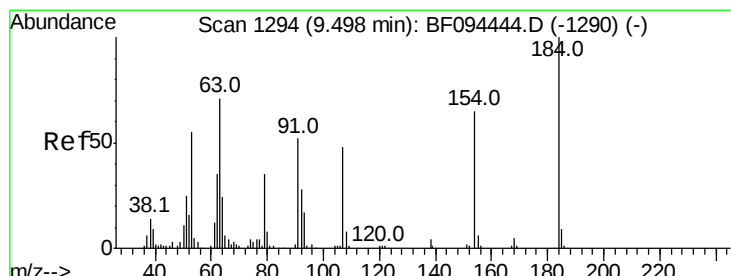
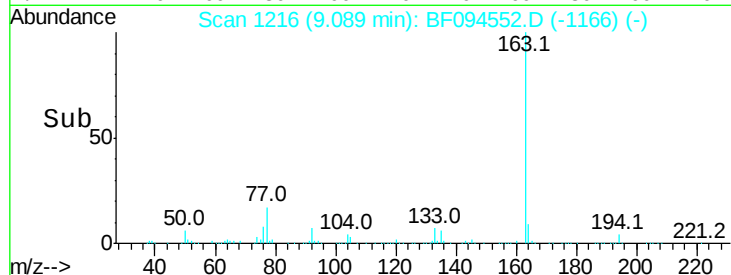
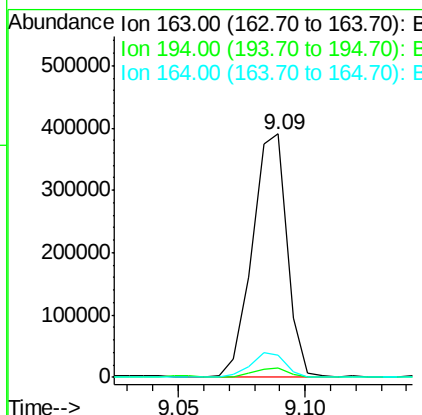
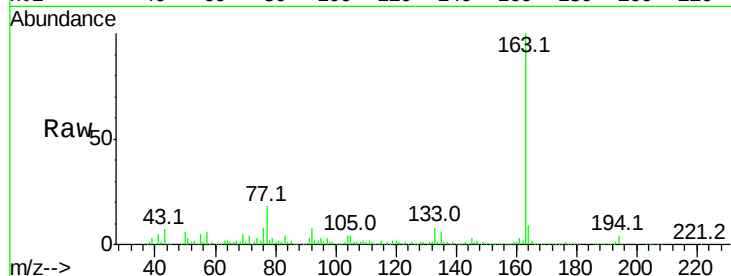




#49
 Dimethylphthalate
 Concen: 26.20 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

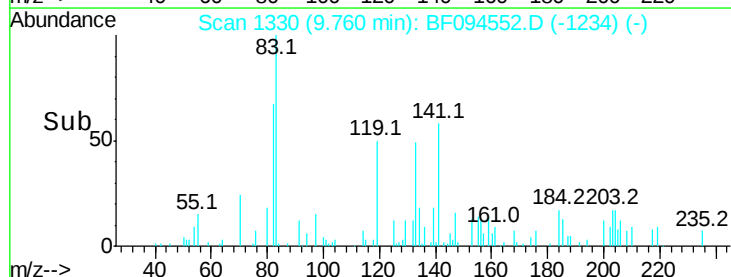
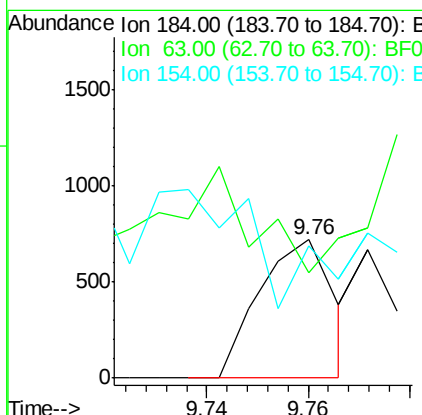
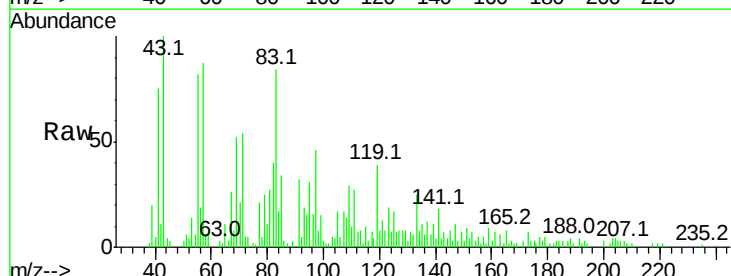
Instrument :
 BNA_F
 ClientSampleId :

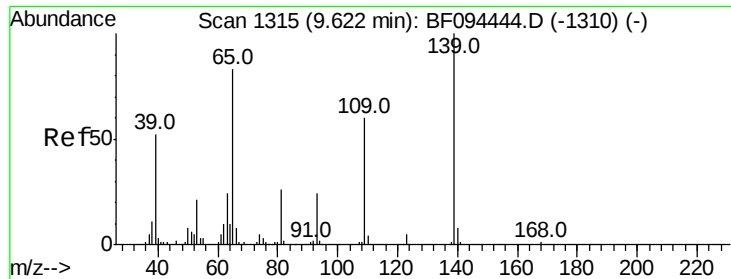
Tot Ion:163	Resp:	372302
Ion	Ratio	Lower Upper
163	100	
194	3.7	2.6 4.0
164	9.2	8.4 12.6



#53
 2,4-Dinitrophenol
 Concen: 6.15 ng
 RT: 9.76 min Scan# 1330
 Delta R.T. 0.26 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Tgt Ion:184	Resp:	733
Ion	Ratio	Lower Upper
184	100	
63	76.5	62.7 94.1
154	96.0	81.1 121.7

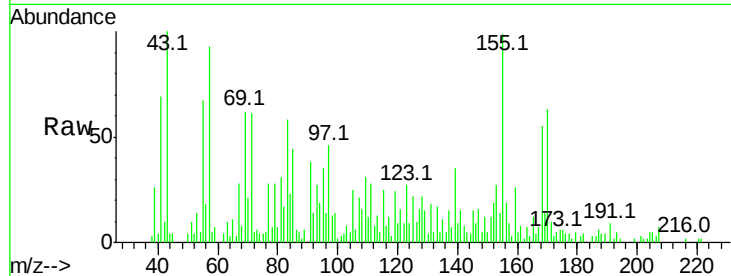




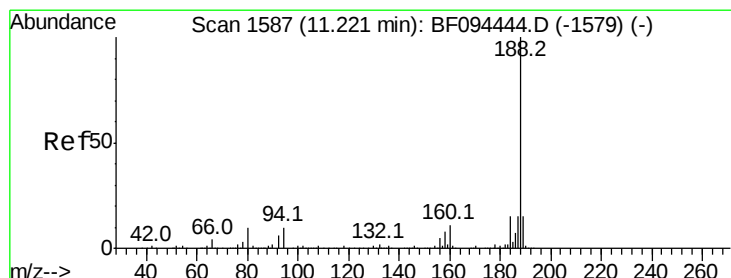
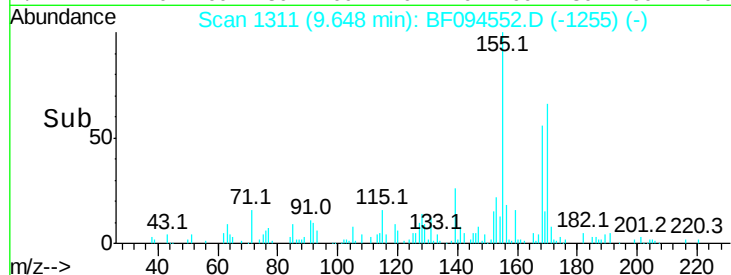
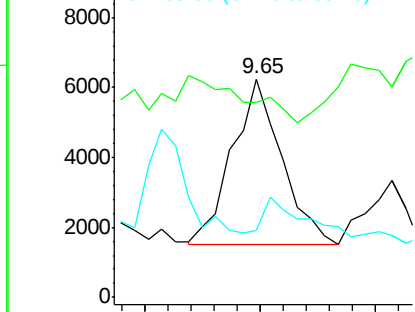
#55
4-Nitrophenol
Concen: 2.69 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 7022
Ion Ratio Lower Upper
139 100
109 89.1 34.1 74.1#
65 30.7 31.4 71.4#

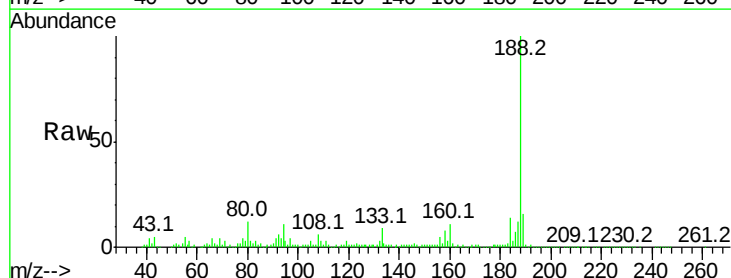


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

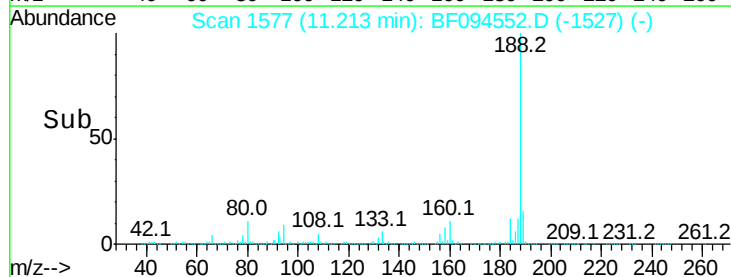
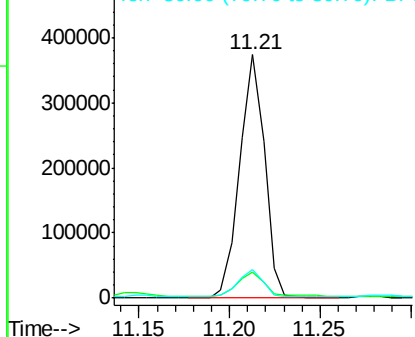


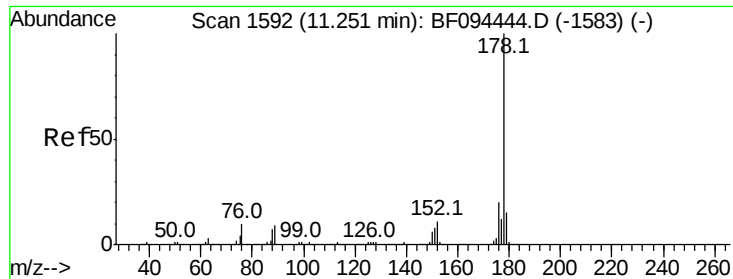
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion:188 Resp: 357663
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.7 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





#70

Phenanthrene

Concen: 4.39 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

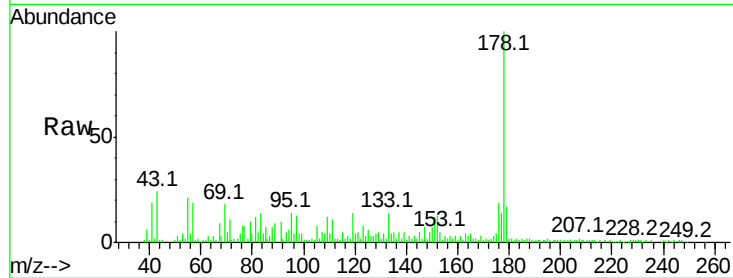
Tot Ion:178 Resp: 88518

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

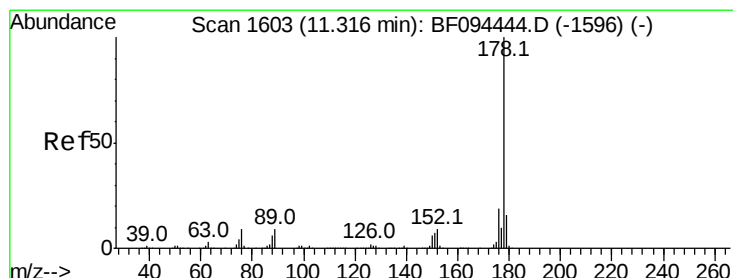
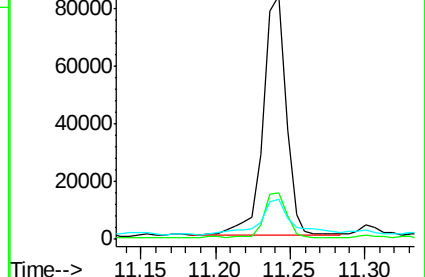
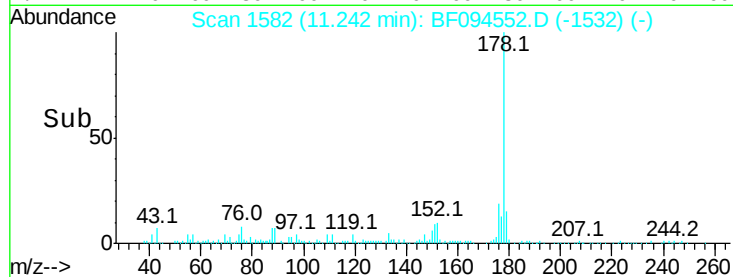
179 16.6 12.6 19.0



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



#71

Anthracene

Concen: 4.25 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.07 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

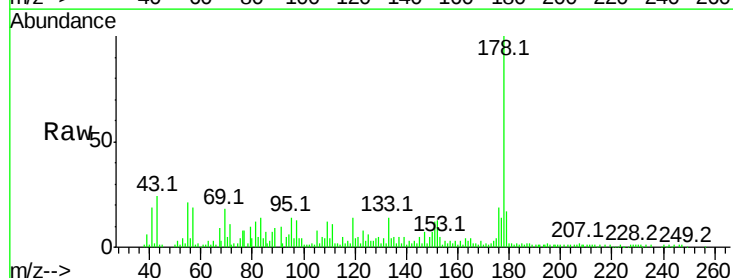
Tgt Ion:178 Resp: 88518

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

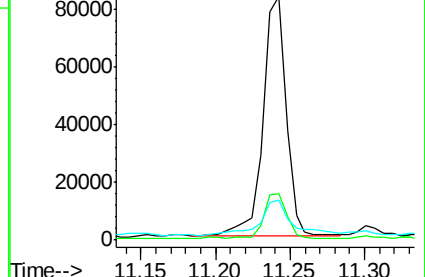
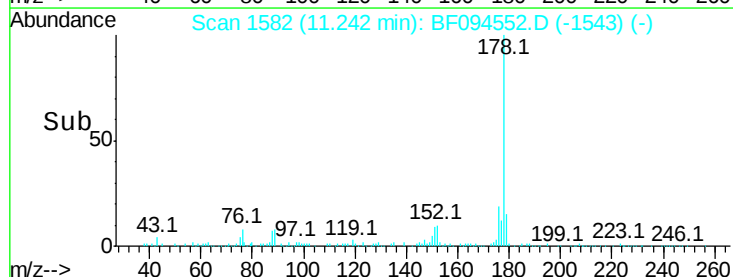
179 16.6 12.7 19.1

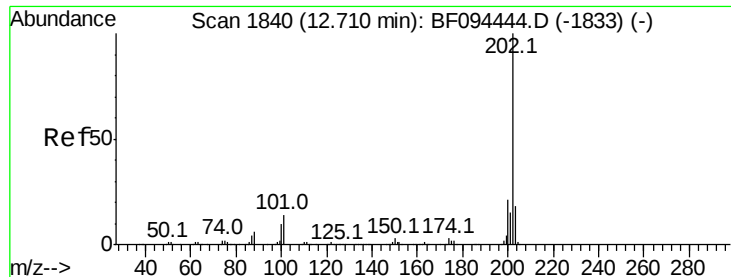


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.83 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

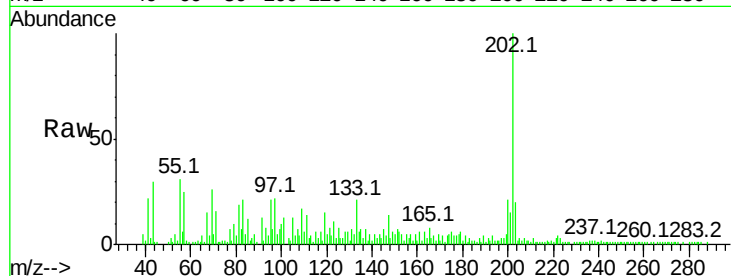
Tot Ion:202 Resp: 58992

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

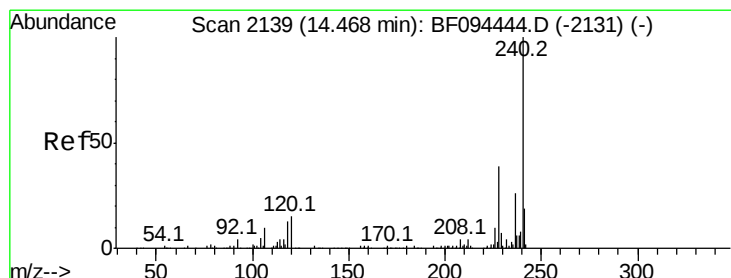
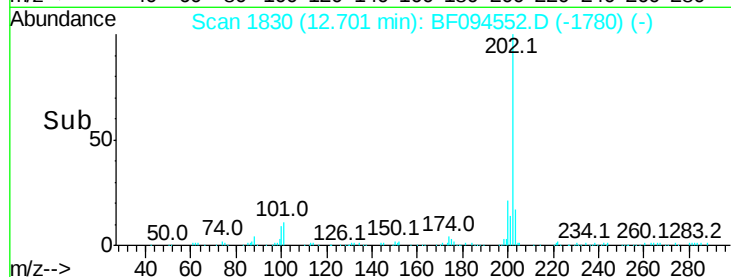
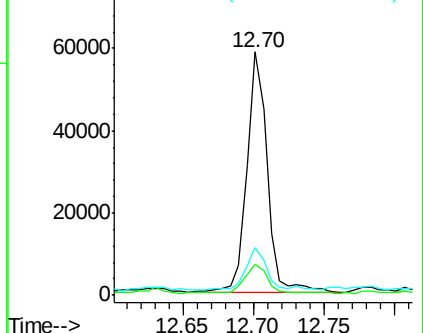
203 19.6 0.0 38.1



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

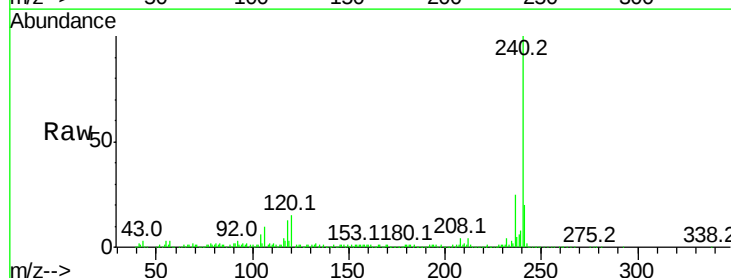
Tgt Ion:240 Resp: 306611

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

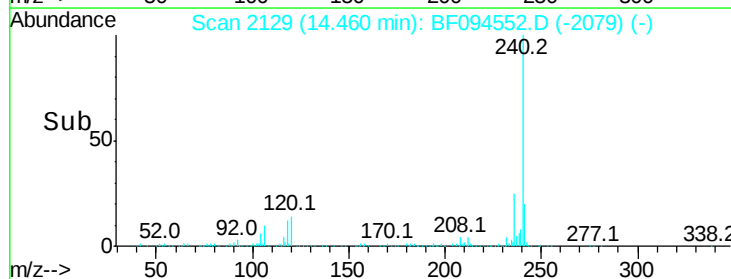
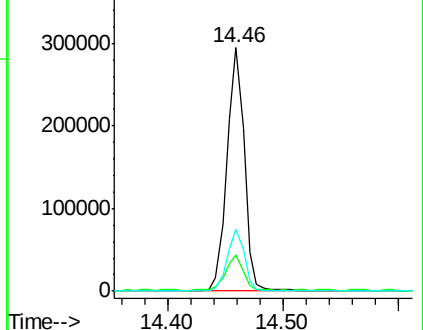
236 25.4 20.5 30.7

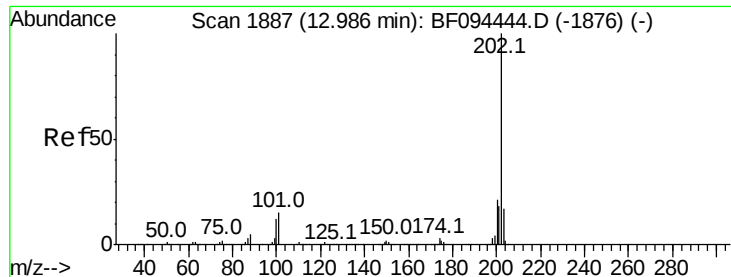


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.35 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

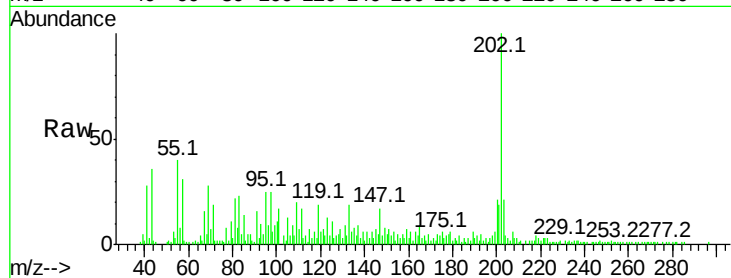
Tot Ion:202 Resp: 50361

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

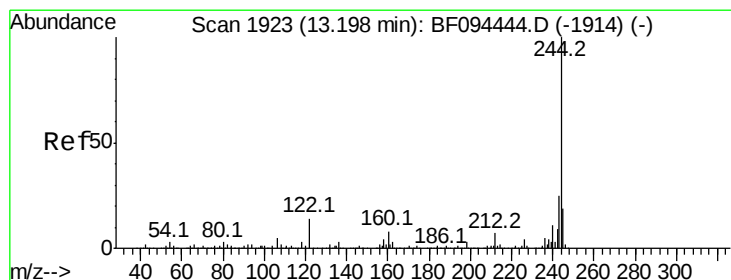
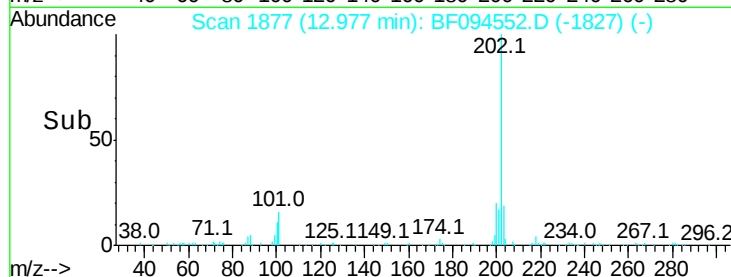
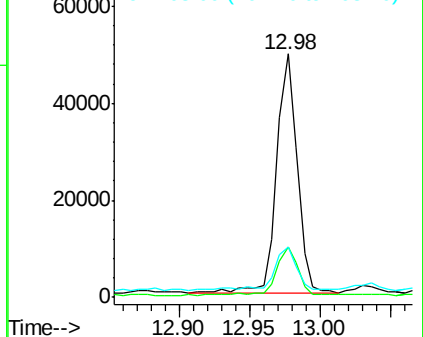
203 20.9 14.4 21.6



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: 79.76 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

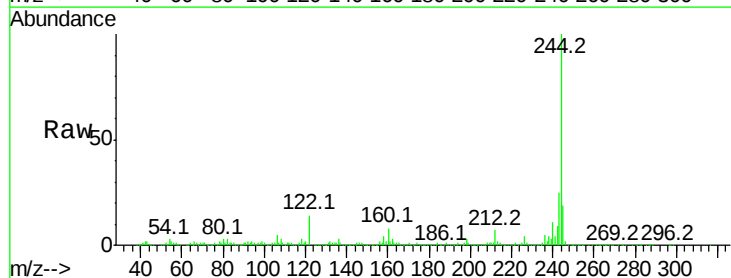
Tgt Ion:244 Resp: 914882

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

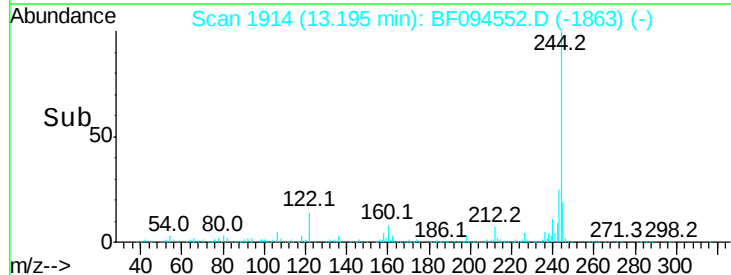
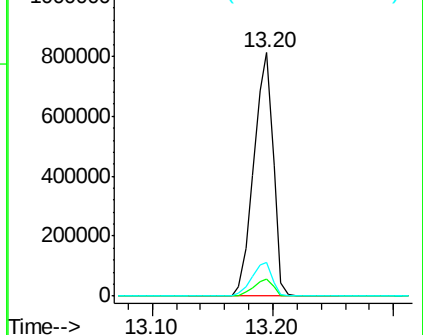
122 13.7 10.3 15.5

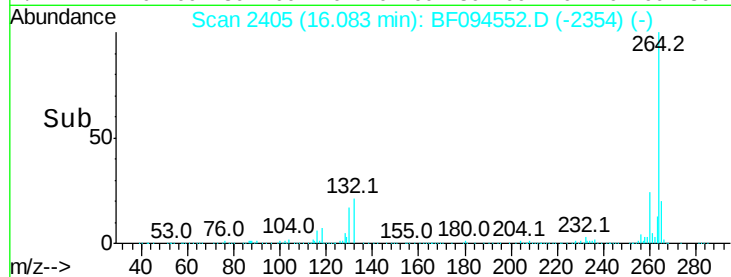
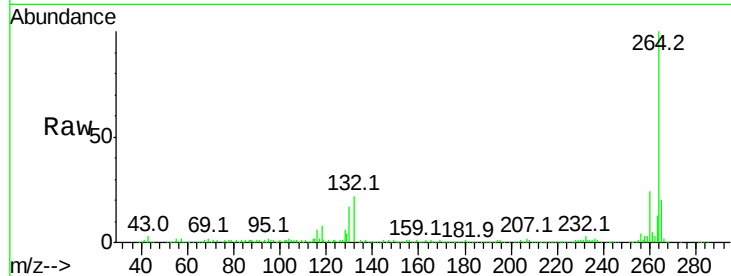
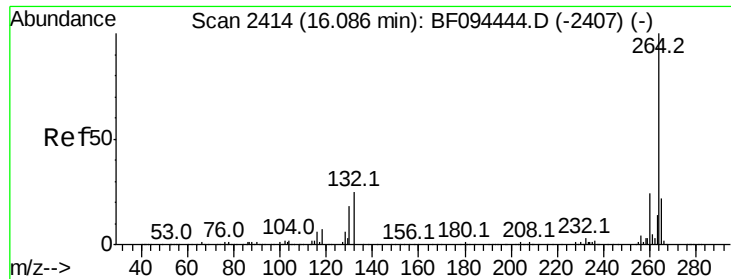


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.1	17.2	25.8

