

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094677.D
 Acq On : 27 Apr 2017 21:30
 Operator : SJ/MA
 Sample : I2859-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:22:20 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	102794	20.00	ng	0.00
21) Naphthalene-d8	7.28	136	266701	20.00	ng	0.01
38) Acenaphthene-d10	9.48	164	97359	20.00	ng	0.08
63) Phenanthrene-d10	11.29	188	220539	20.00	ng	0.07
75) Chrysene-d12	14.48	240	227093	20.00	ng	0.01
86) Perylene-d12	16.10	264	217311	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.35	112	404965	65.36	ng	0.04
7) Phenol-d6	5.41	99	320953	43.94	ng	0.02
23) Nitrobenzene-d5	6.43	82	645518	149.45	ng	0.01
41) 2,4,6-Tribromophenol	10.45	330	127209	167.04	ng	0.08
44) 2-Fluorobiphenyl	8.64	172	664485	100.42	ng	0.05
78) Terphenyl-d14	13.23	244	797545	93.87	ng	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	5.25	77	11976	2.16	ng	# 1
10) Phenol	5.43	94	18234	2.03	ng	# 16
15) Benzyl Alcohol	5.95	79	17605	3.25	ng	# 46
18) Hexachloroethane	6.40	117	306645	113.82	ng	# 37
19) n-Nitroso-di-n-propylamine	6.27	70	16213	3.35	ng	# 74
22) Acetophenone	6.24	105	83077	12.81	ng	# 54
24) Nitrobenzene	6.41	77	173835	38.22	ng	# 39
25) Isophorone	6.72	82	215893	26.96	ng	# 1
26) 2-Nitrophenol	6.88	139	19583	8.01	ng	# 1
27) 2,4-Dimethylphenol	6.87	122	31345	7.90	ng	# 20
28) bis(2-Chloroethoxy)methane	7.01	93	27089	5.23	ng	# 1
29) 2,4-Dichlorophenol	7.12	162	29228	7.92	ng	# 1
31) Naphthalene	7.31	128	2282109	177.99	ng	# 91
32) Benzoic acid	7.07	122	33377	15.90	ng	# 1
33) 4-Chloroaniline	7.31	127	423896	79.47	ng	# 38
35) Caprolactam	7.89	113	289909	249.92	ng	# 8
36) 4-Chloro-3-methylphenol	7.97	107	41073	10.61	ng	# 32
37) 2-Methylnaphthalene	8.18	142	2660474	303.30	ng	# 96
42) 2,4,6-Trichlorophenol	8.57	196	11518	5.92	ng	# 13
45) 1,1'-Biphenyl	8.77	154	64551	8.12	ng	# 50
47) 2-Nitroaniline	8.95	65	4942	2.72	ng	# 35
48) Acenaphthylene	9.32	152	121192	12.29	ng	# 1
49) Dimethylphthalate	9.14	163	16880	2.33	ng	# 1
50) 2,6-Dinitrotoluene	9.26	165	55929	34.34	ng	# 83
51) Acenaphthene	9.52	154	326747	55.33	ng	# 84
52) 3-Nitroaniline	9.42	138	23534	12.49	ng	# 39
53) 2,4-Dinitrophenol	9.58	184	1126	6.94	ng	# 1
54) Dibenzofuran	9.73	168	323971	37.74	ng	# 47
55) 4-Nitrophenol	9.68	139	25068	18.83	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	41518	20.78	ng	# 55
57) Fluorene	10.15	166	713054	106.68	ng	# 87
59) Diethylphthalate	10.01	149	29796	4.35	ng	# 13
60) 4-Chlorophenyl-phenylether	10.11	204	19390	6.97	ng	# 1
62) Azobenzene	10.35	77	33474	5.04	ng	# 1

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 ALS Vial : 14 Sample Multiplier: 1

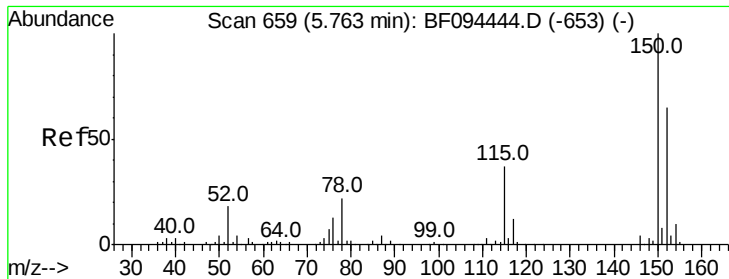
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:22:20 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

64) 4,6-Dinitro-2-methylphenol	10.25	198	8036	5.56	nq	# 1
65) n-Nitrosodiphenylamine	10.28	169	389542	50.79	nq	# 58
68) Atrazine	10.97	200	15395	6.71	nq	# 46
70) Phenanthrene	11.33	178	2347254	189.00	nq	# 96
71) Anthracene	11.38	178	223655	17.41	nq	# 64
72) Carbazole	11.59	167	660222	54.76	nq	# 87
74) Fluoranthene	12.77	202	801360	62.26	nq	# 97
77) Pyrene	13.04	202	837992	52.82	nq	# 96
80) Benzo(a)anthracene	14.47	228	126154	9.56	nq	# 95
82) Chrysene	14.51	228	134743	11.17	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.38	276	35541	3.10	nq	# 94
87) Benzo(b)fluoranthene	15.70	252	152183	11.45	nq	# 96
88) Benzo(k)fluoranthene	15.70	252	152183	12.10	nq	# 98
89) Benzo(a)pyrene	16.04	252	69182	5.59	nq	# 99
91) Benzo(a,h,i)perylene	17.75	276	33816	3.23	nq	# 92

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

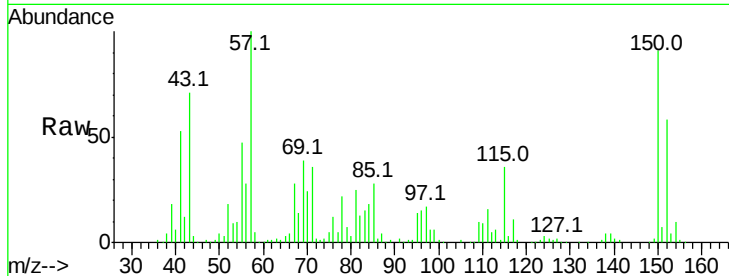


#1

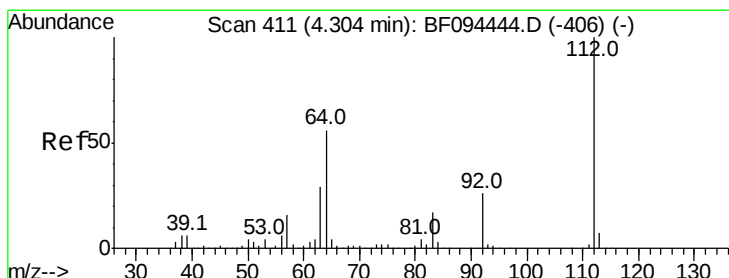
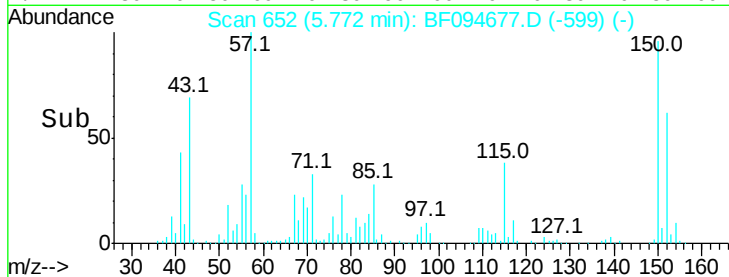
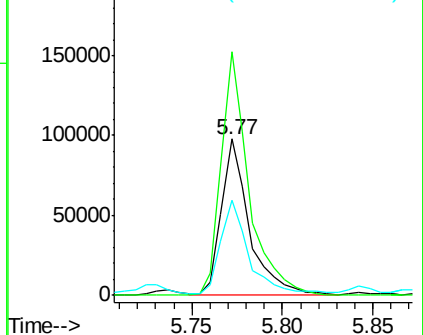
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 102794
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 61.0 52.2 78.2



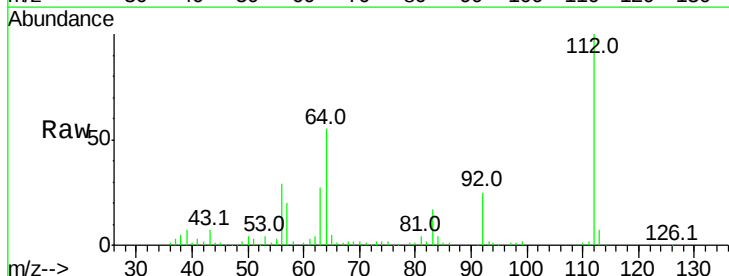
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



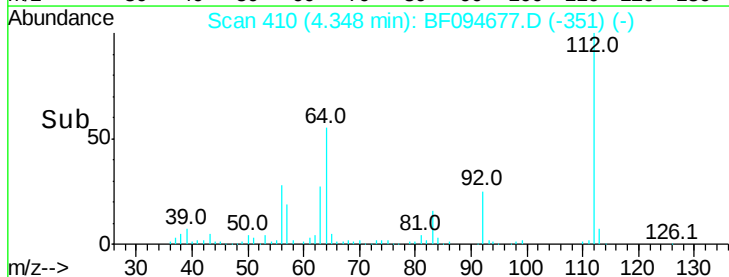
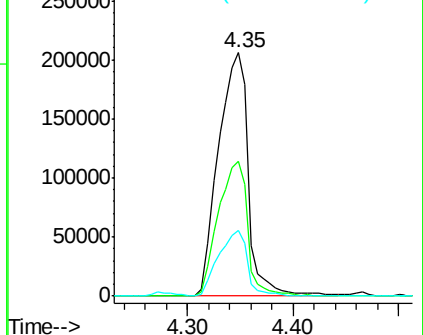
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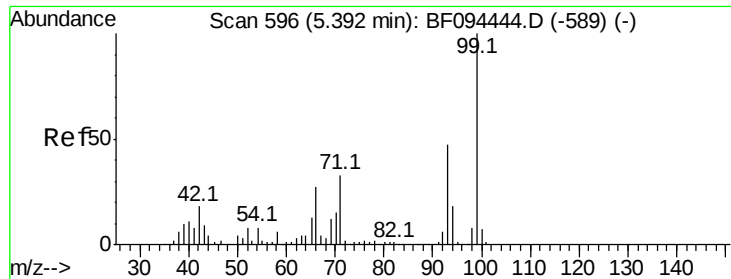
2-Fluorophenol
 Concen: 65.36 ng
 RT: 4.35 min Scan# 410
 Delta R.T. 0.04 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Tgt Ion:112 Resp: 404965
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.0 69.0
 63 27.2 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: 43.94 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

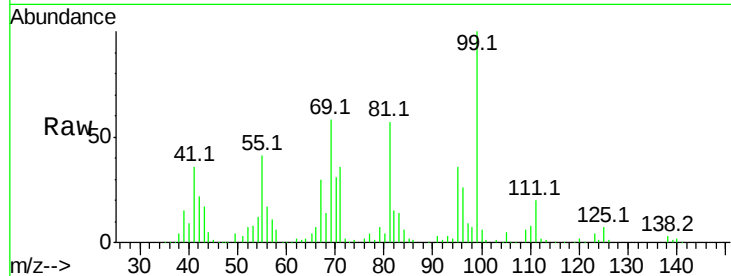
Tot Ion: 99 Resp: 320953

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

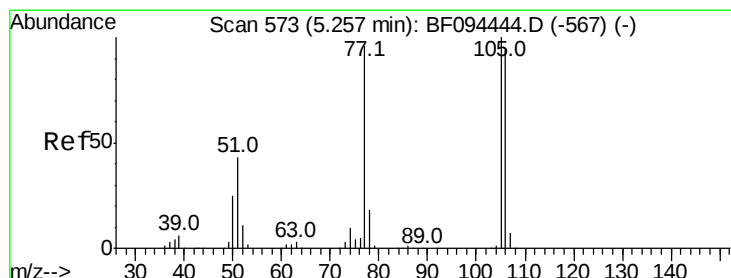
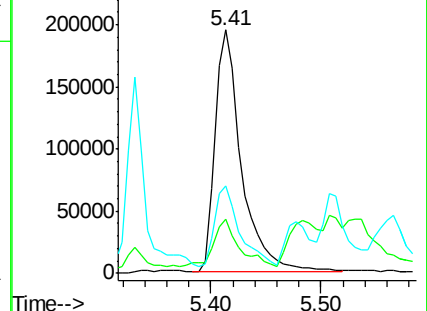
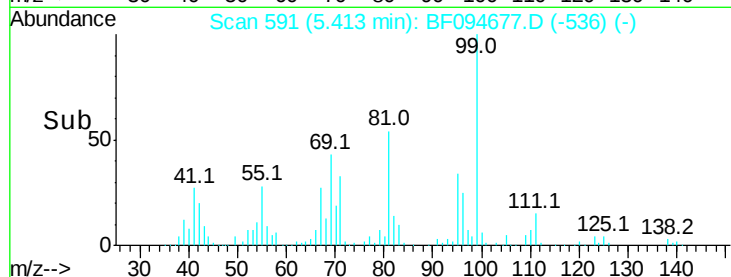
71 35.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.16 ng

RT: 5.25 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

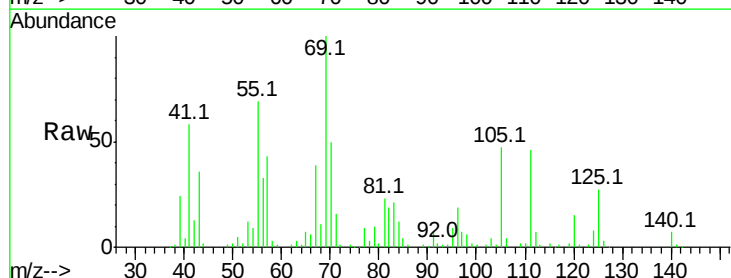
Tgt Ion: 77 Resp: 11976

Ion Ratio Lower Upper

77 100

105 511.0 83.8 123.8#

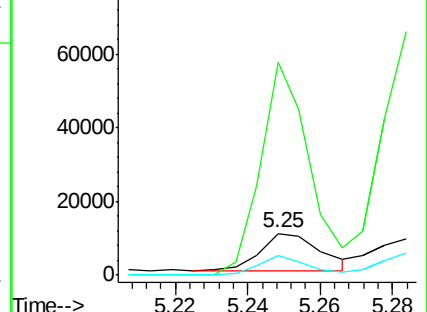
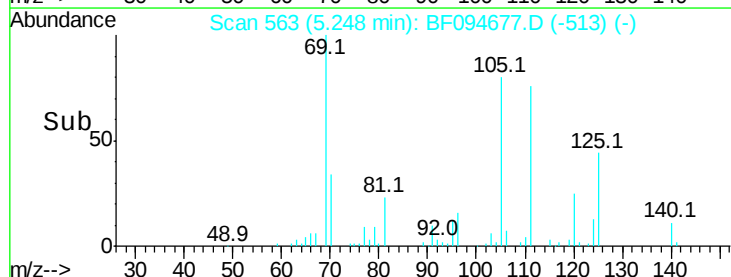
106 46.6 79.1 119.1#

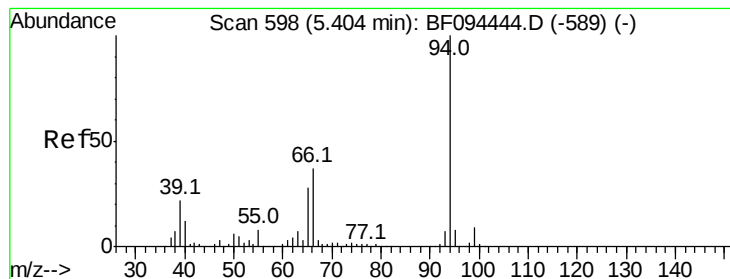


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.03 ng

RT: 5.43 min Scan# 594

Delta R.T. 0.03 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

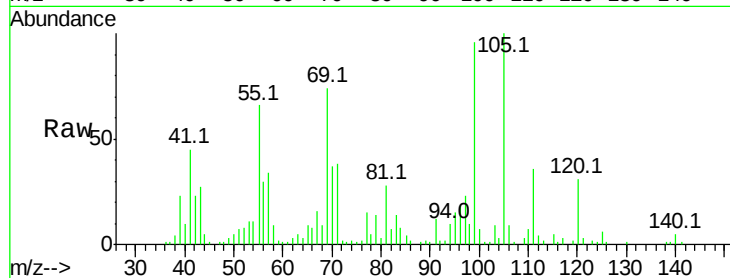
Tot Ion: 94 Resp: 18234

Ion Ratio Lower Upper

94 100

65 95.5 9.9 49.9#

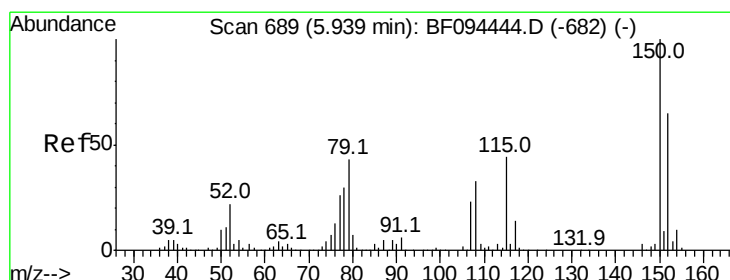
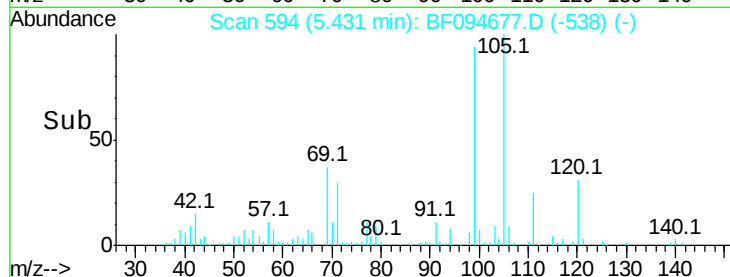
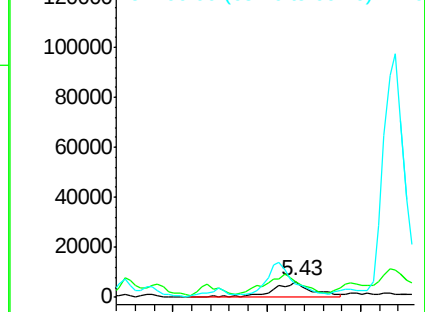
66 80.5 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 3.25 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

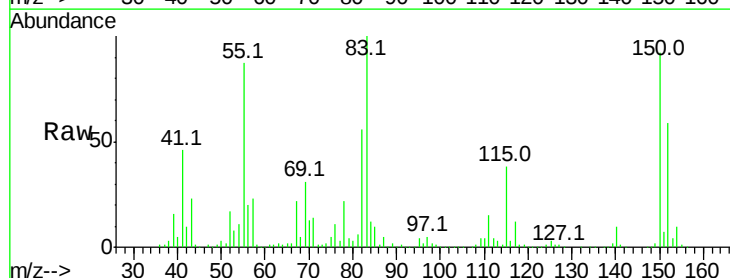
Tgt Ion: 79 Resp: 17605

Ion Ratio Lower Upper

79 100

108 17.8 63.4 95.0#

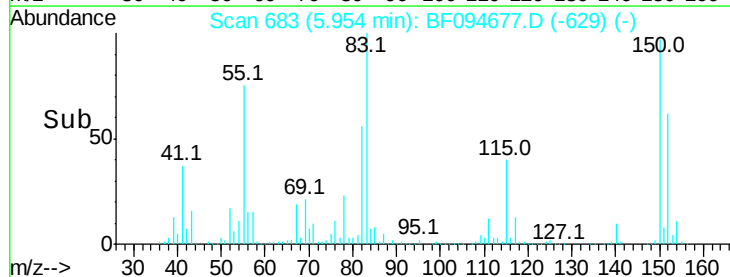
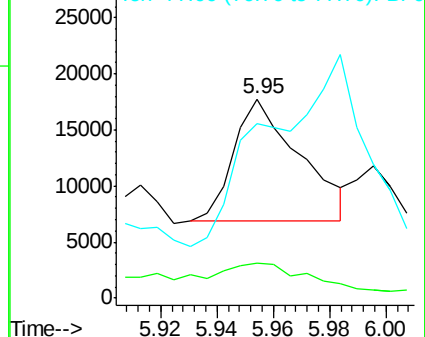
77 87.8 49.2 73.8#

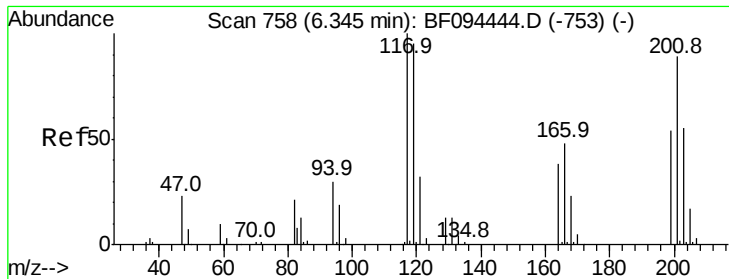


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

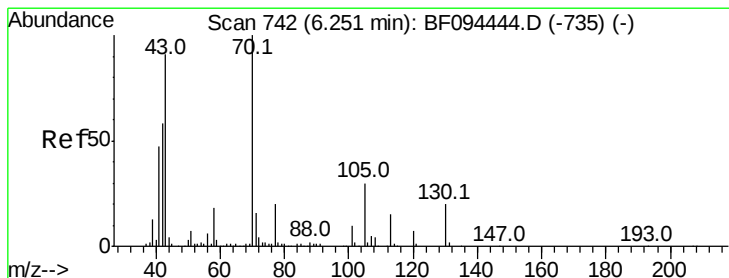
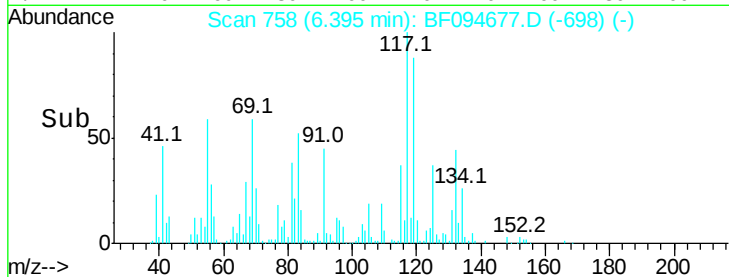
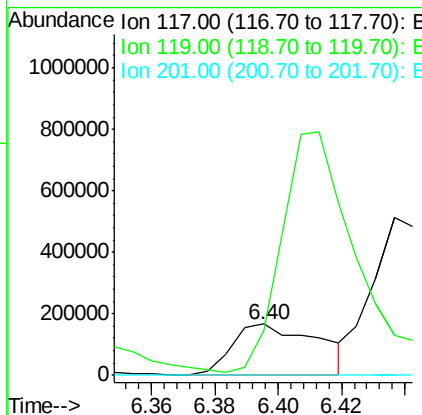
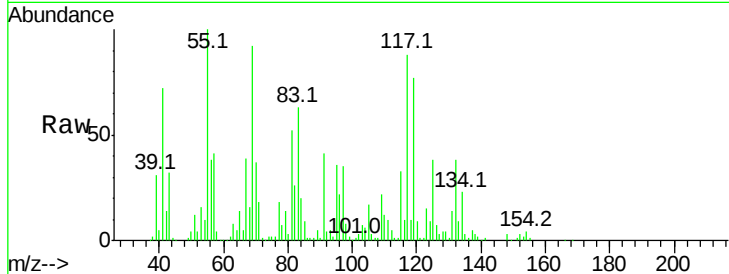




#18
Hexachloroethane
Concen: 113.82 ng
RT: 6.40 min Scan# 758
Delta R.T. 0.05 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

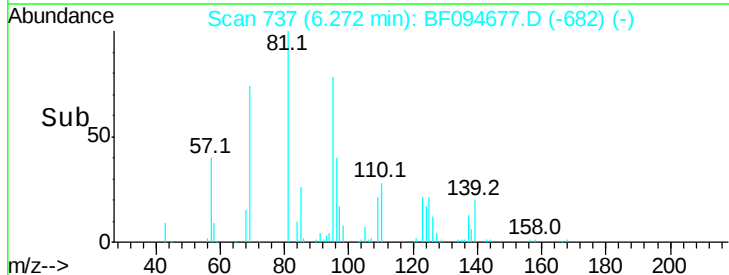
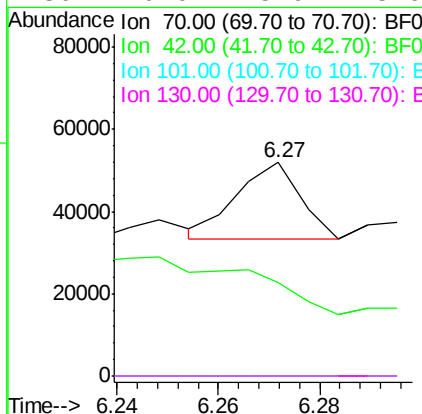
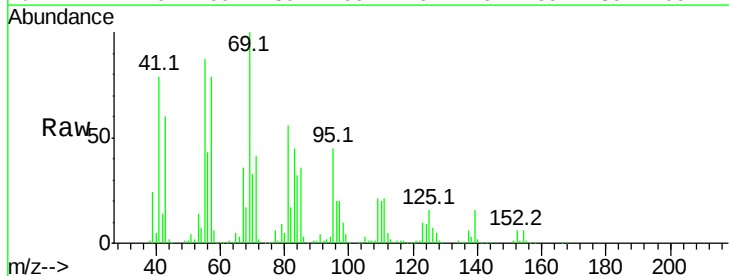
Instrument :
BNA_F
ClientSampled :

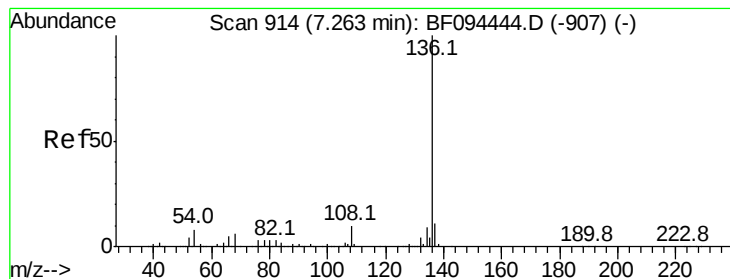
Tot Ion:117 Resp: 306645
Ion Ratio Lower Upper
117 100
119 87.7 77.4 116.0
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.35 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

Tgt Ion: 70 Resp: 16213
Ion Ratio Lower Upper
70 100
42 43.5 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 266701

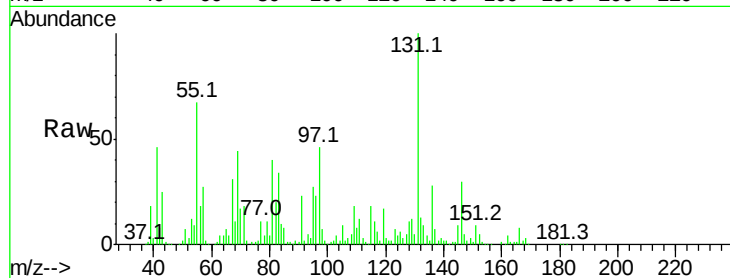
Ion Ratio Lower Upper

136 100

137 25.1 8.5 12.7#

54 31.2 4.9 7.3#

68 40.5 4.1 6.1#

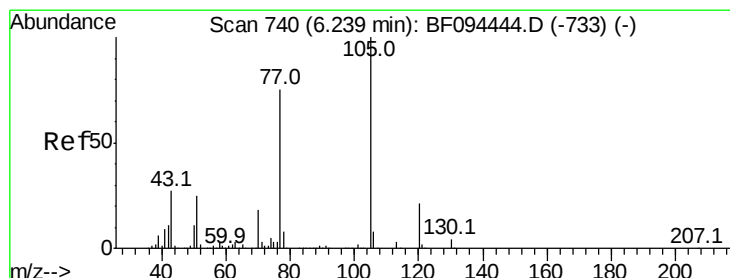
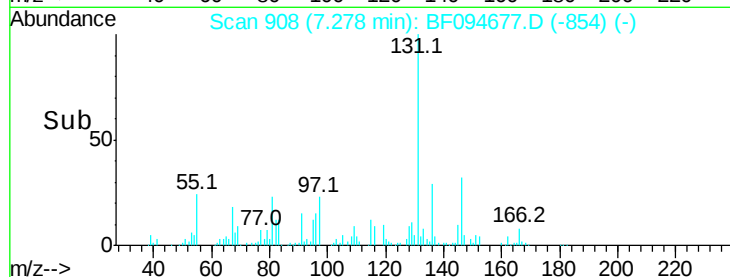
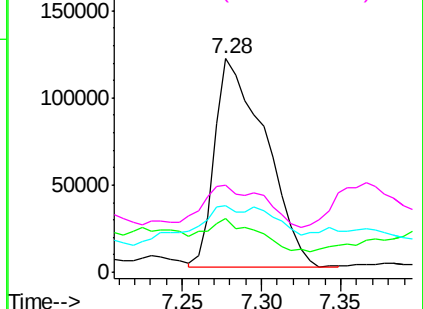


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.81 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Tgt Ion:105 Resp: 83077

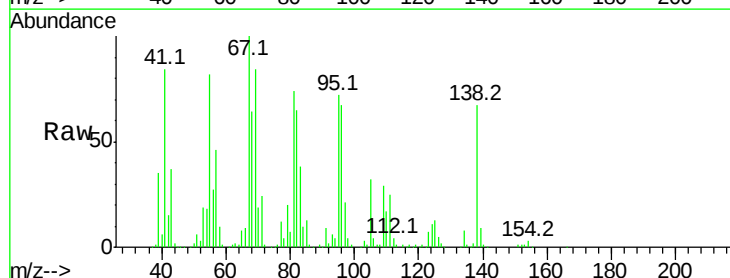
Ion Ratio Lower Upper

105 100

71 74.8 2.8 4.2#

51 19.1 30.7 46.1#

120 1.4 17.4 26.0#

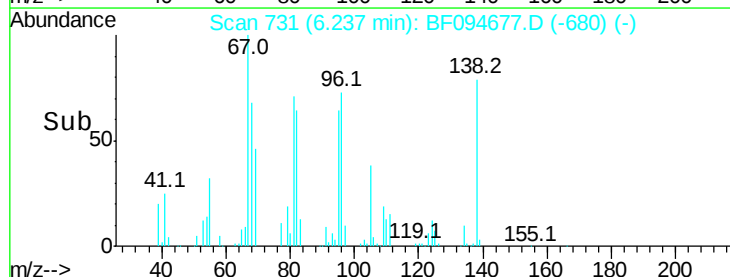
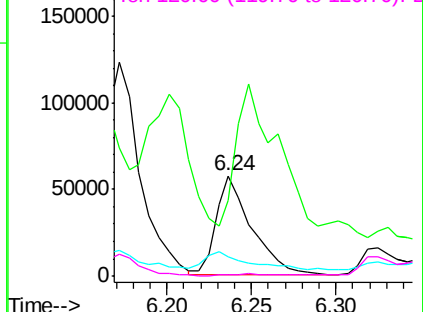


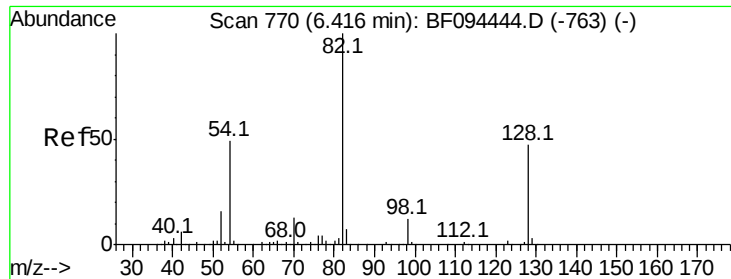
Abundance Ion 105.00 (104.70 to 105.70): E

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

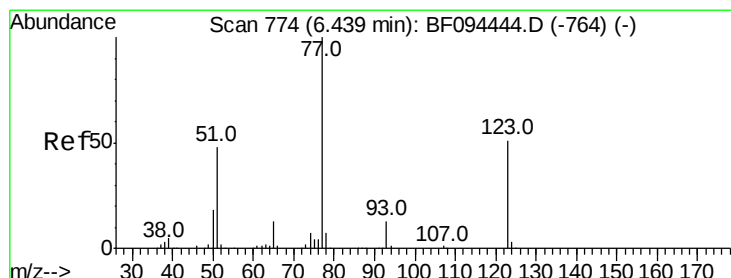
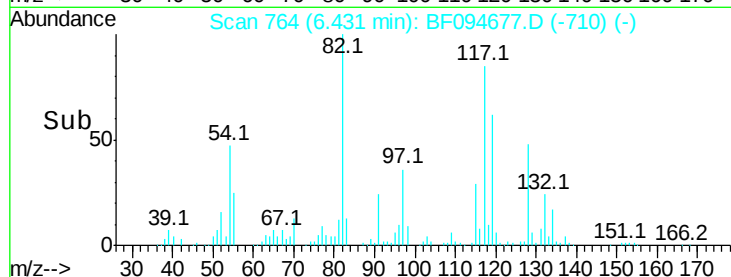
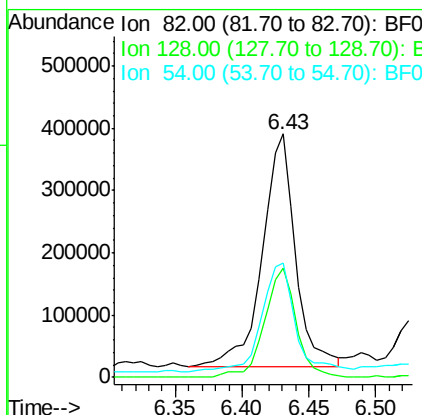
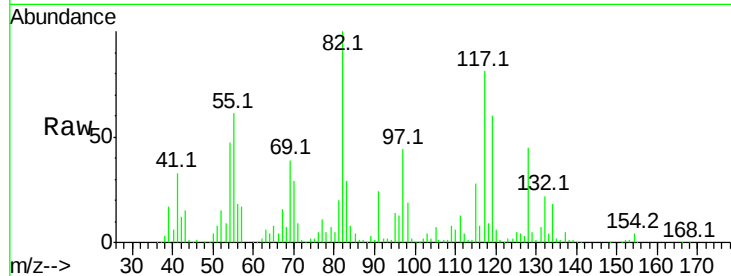




#23
Nitrobenzene-d5
Concen: 149.45 ng
RT: 6.43 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

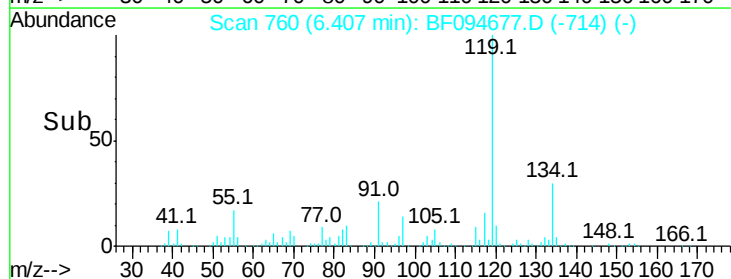
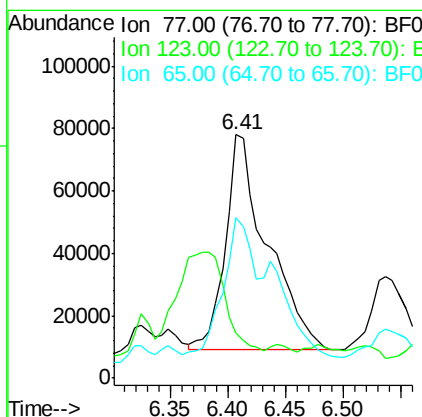
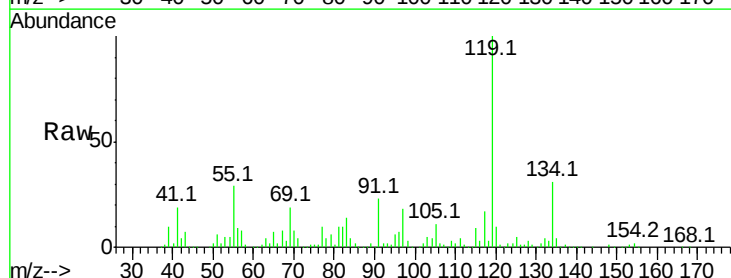
Instrument :
BNA_F
ClientSampled :

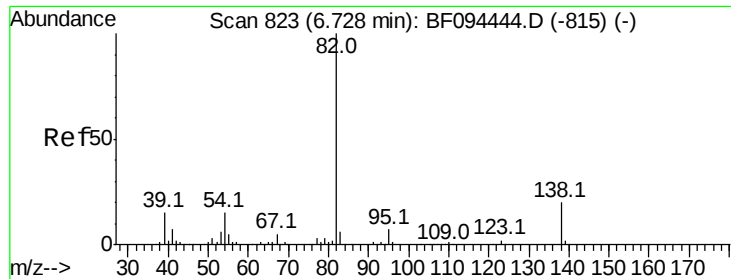
Tot Ion: 82 Resp: 645518
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 47.1 42.2 63.2



#24
Nitrobenzene
Concen: 38.22 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

Tgt Ion: 77 Resp: 173835
Ion Ratio Lower Upper
77 100
123 18.5 35.8 53.8#
65 65.7 10.6 15.8#





#25

Isophorone

Concen: 26.96 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

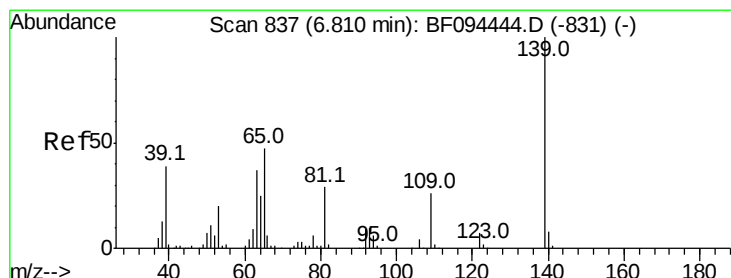
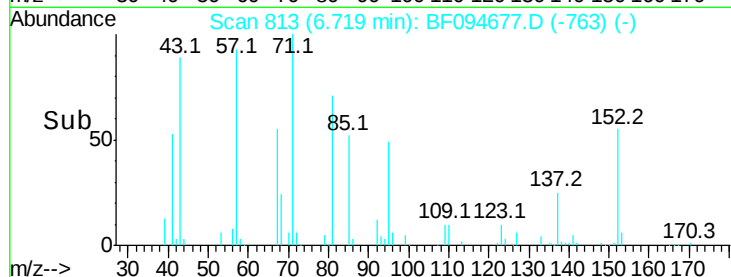
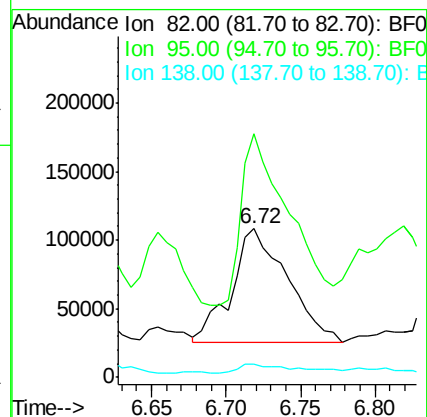
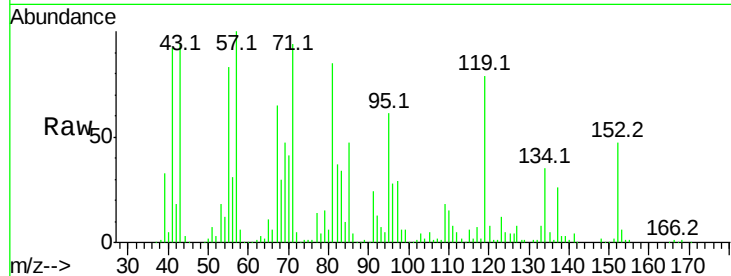
Tot Ion: 82 Resp: 215893

Ion Ratio Lower Upper

82 100

95 163.6 5.3 7.9#

138 8.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 8.01 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

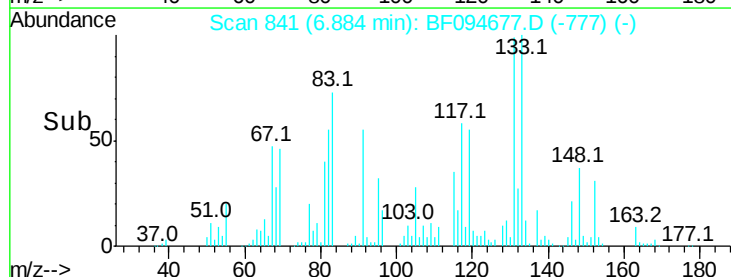
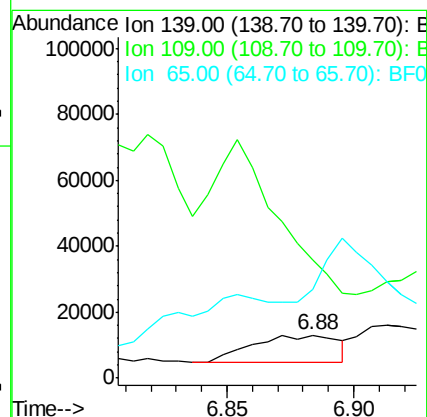
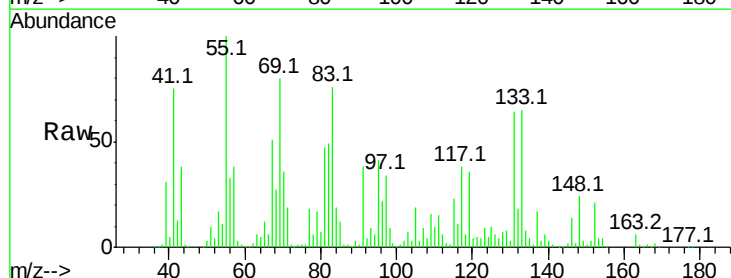
Tgt Ion: 139 Resp: 19583

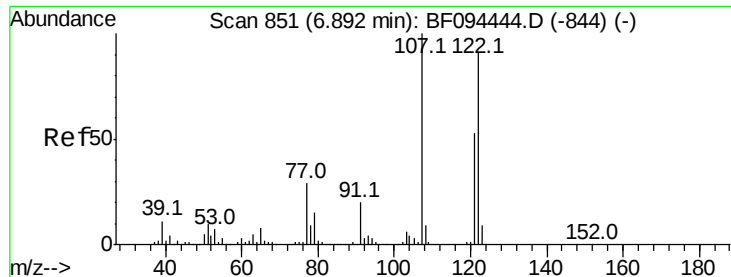
Ion Ratio Lower Upper

139 100

109 274.3 21.0 31.6#

65 203.7 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 7.90 ng

RT: 6.87 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampled :

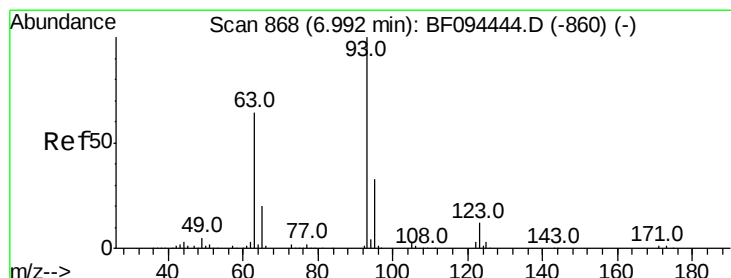
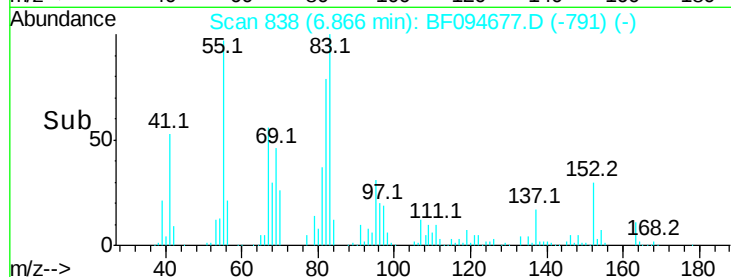
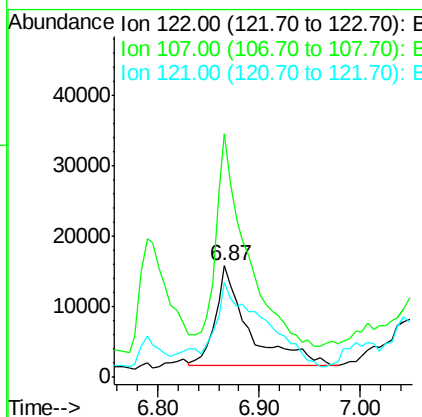
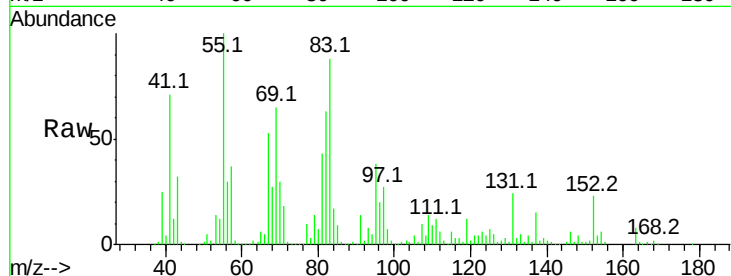
Tot Ion:122 Resp: 31345

Ion Ratio Lower Upper

122 100

107 218.6 89.2 133.8#

121 86.0 45.2 67.8#



#28

bis(2-Chloroethoxy)methane

Concen: 5.23 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

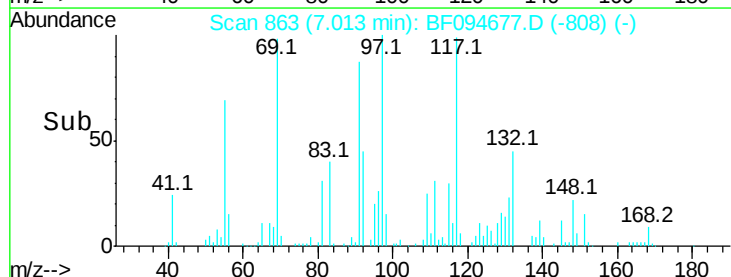
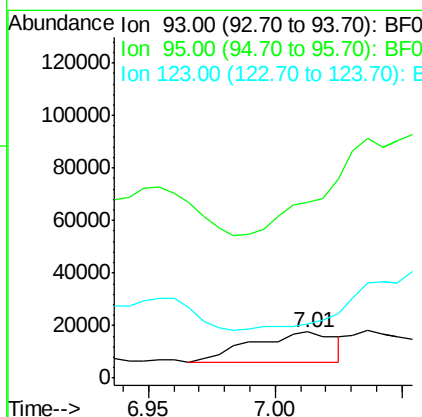
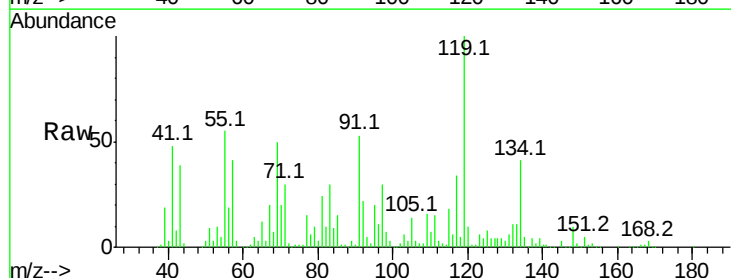
Tgt Ion: 93 Resp: 27089

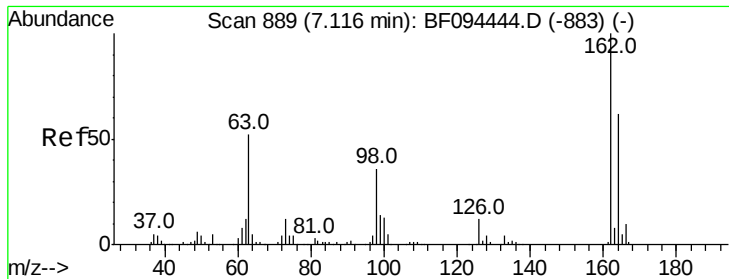
Ion Ratio Lower Upper

93 100

95 380.9 26.5 39.7#

123 117.1 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 7.92 ng

RT: 7.12 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

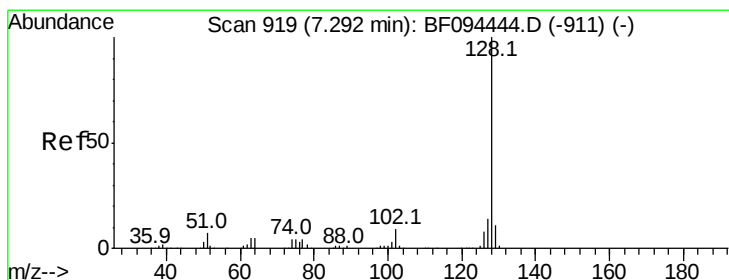
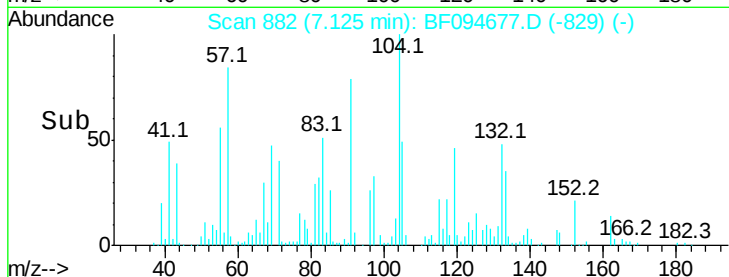
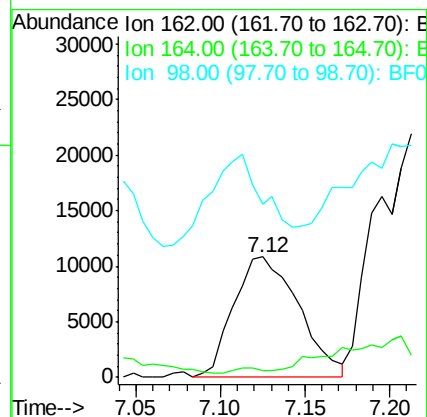
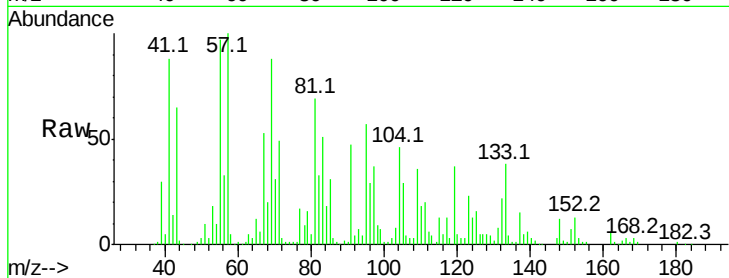
Tot Ion:162 Resp: 29228

Ion Ratio Lower Upper

162 100

164 5.7 44.6 84.6#

98 143.3 14.8 54.8#



#31

Naphthalene

Concen: 177.99 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

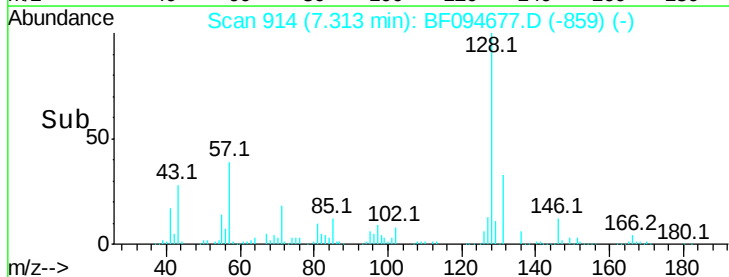
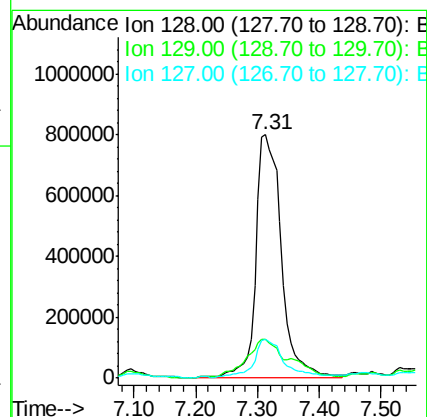
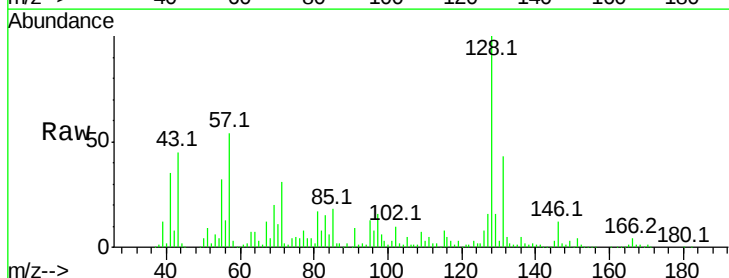
Tgt Ion:128 Resp: 2282109

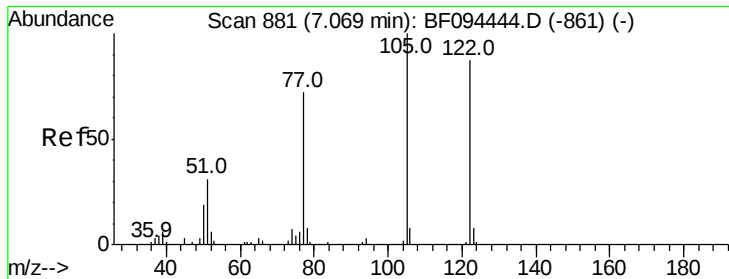
Ion Ratio Lower Upper

128 100

129 16.0 9.0 13.6#

127 16.0 10.8 16.2





#32

Benzoic acid

Concen: 15.90 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

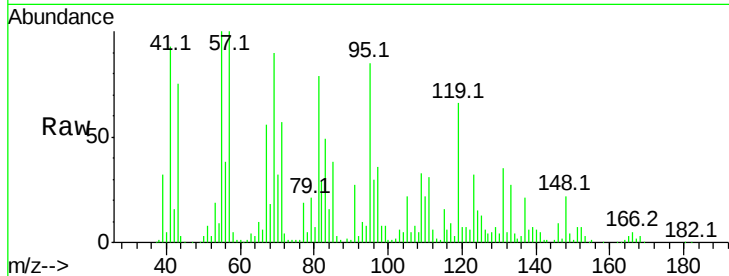
Tot Ion:122 Resp: 33377

Ion Ratio Lower Upper

122 100

105 347.5 103.3 143.3#

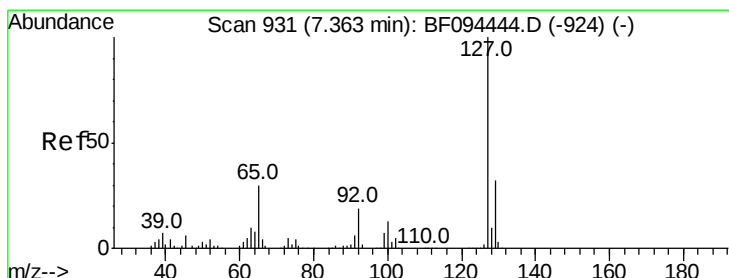
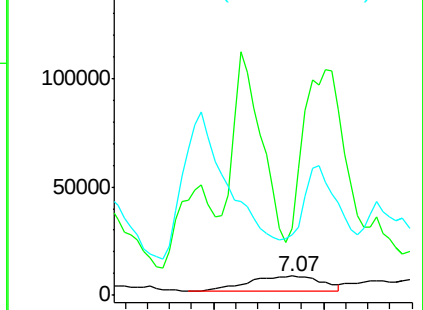
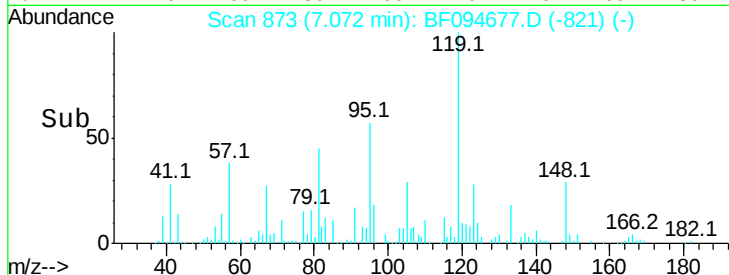
77 311.8 73.7 113.7#



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: 79.47 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.05 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Tgt Ion:127 Resp: 423896

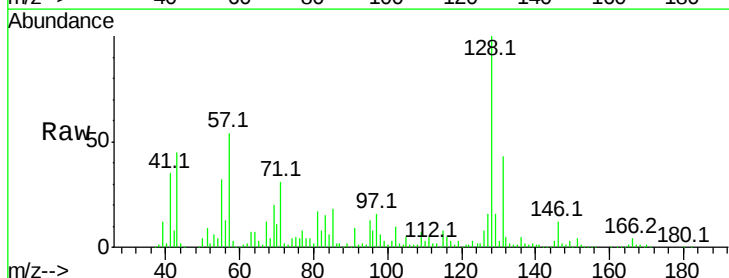
Ion Ratio Lower Upper

127 100

129 100.4 26.2 39.2#

65 20.3 27.8 41.8#

92 6.2 16.8 25.2#

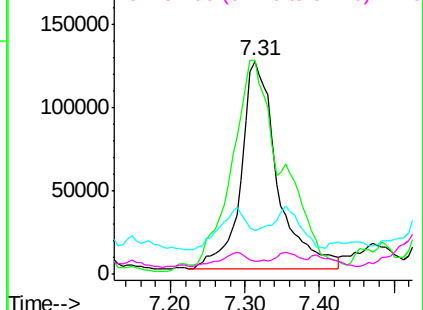
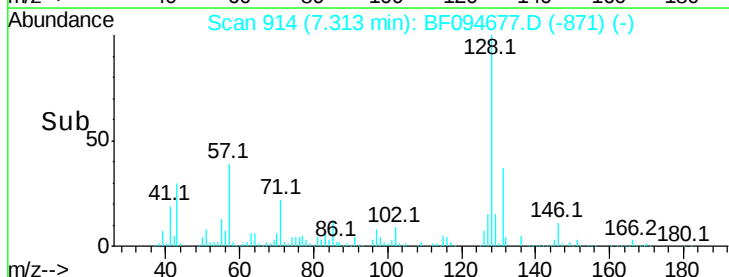


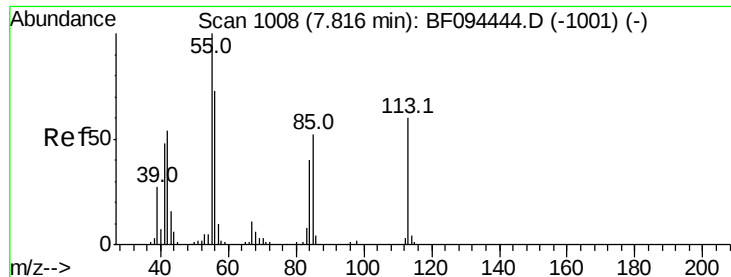
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 249.92 ng

RT: 7.89 min Scan# 1012

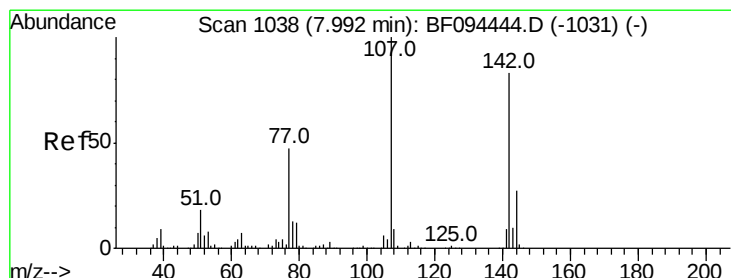
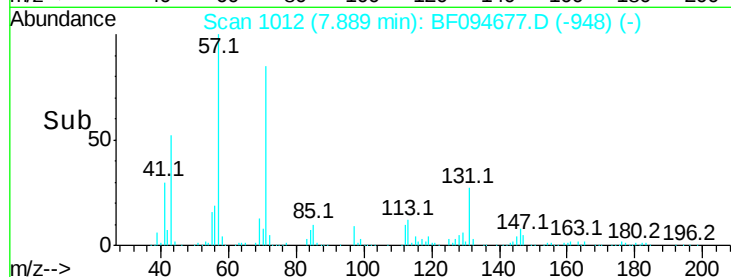
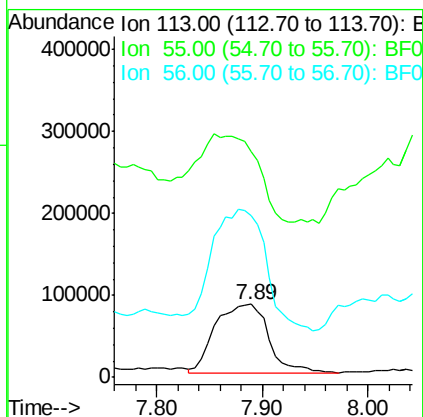
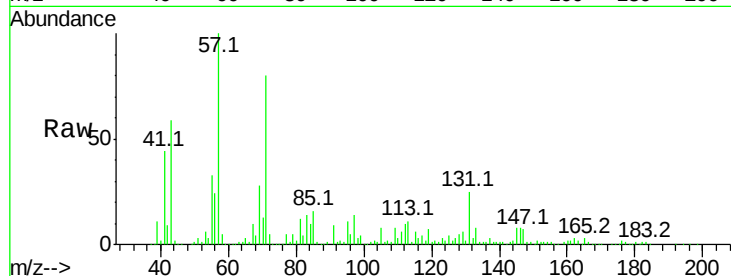
Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 289909
Ion Ratio Lower Upper
113 100
55 308.8 150.2 190.2#
56 221.0 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 10.61 ng

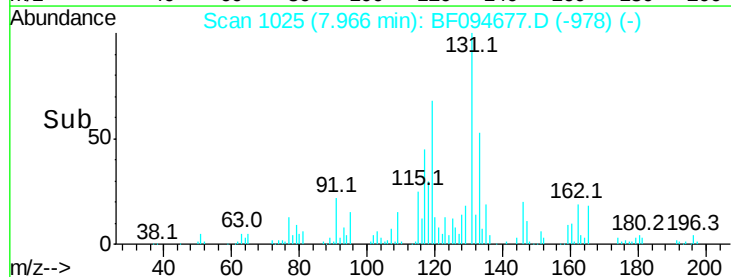
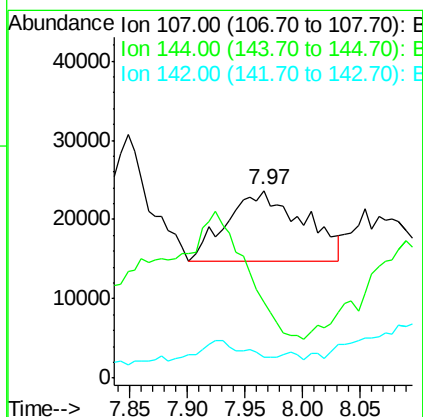
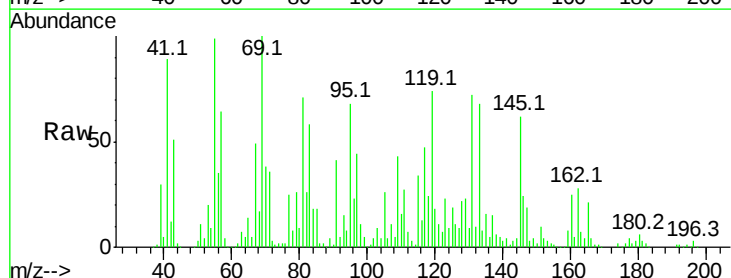
RT: 7.97 min Scan# 1025

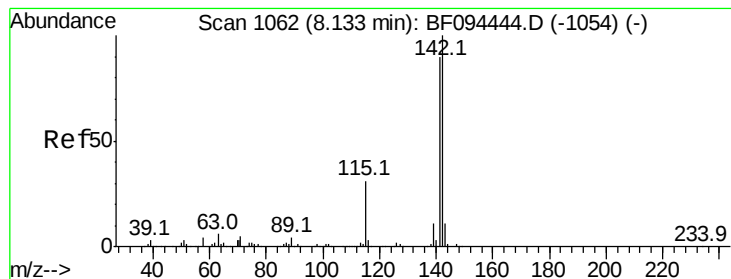
Delta R.T. -0.03 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Tgt Ion:107 Resp: 41073
Ion Ratio Lower Upper
107 100
144 40.6 24.2 36.4#
142 11.3 73.4 110.0#

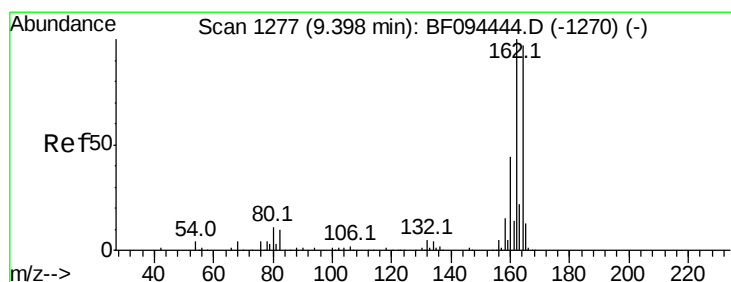
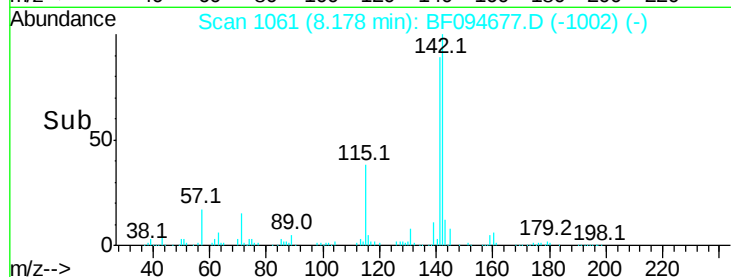
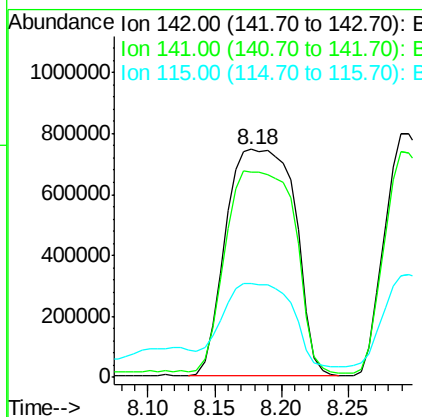
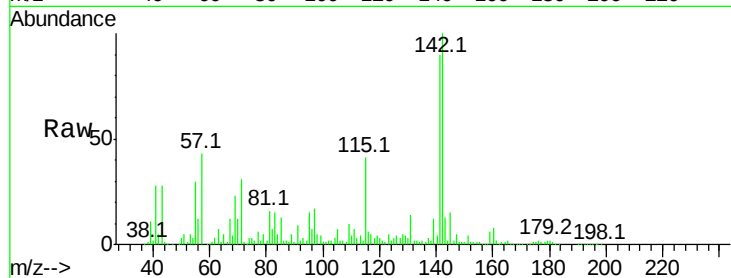




#37
 2-Methylnaphthalene
 Concen: 303.30 ng
 RT: 8.18 min Scan# 1061
 Delta R.T. 0.04 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

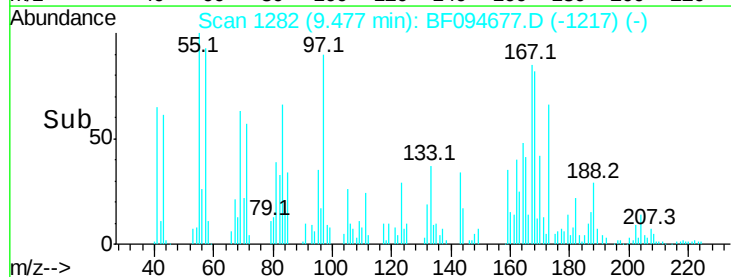
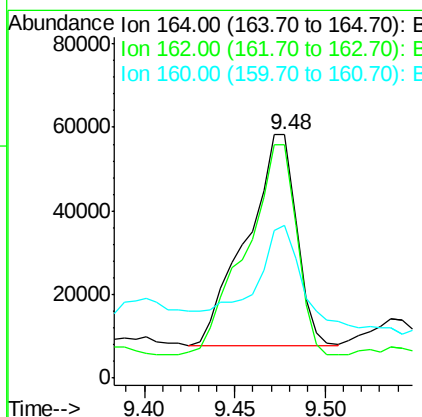
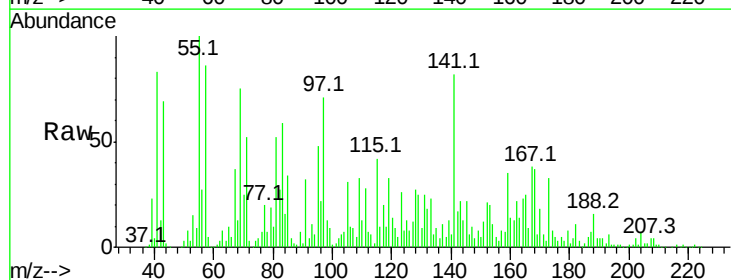
Instrument :
 BNA_F
 ClientSampleId :

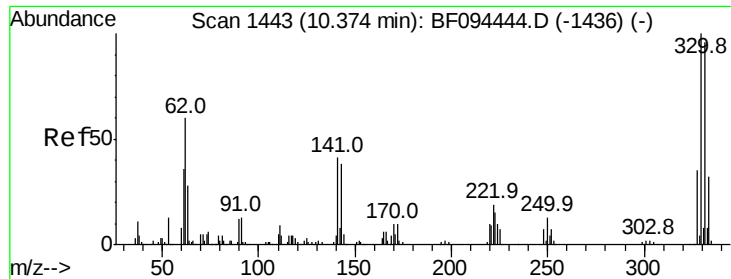
Tot Ion:142 Resp: 2660474
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 41.4 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1282
 Delta R.T. 0.08 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Tgt Ion:164 Resp: 97359
 Ion Ratio Lower Upper
 164 100
 162 96.0 82.6 123.8
 160 62.8 36.2 54.2#

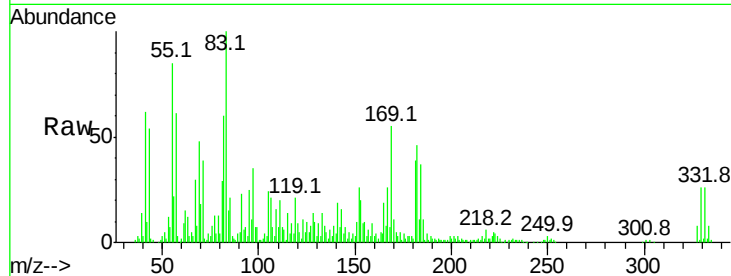




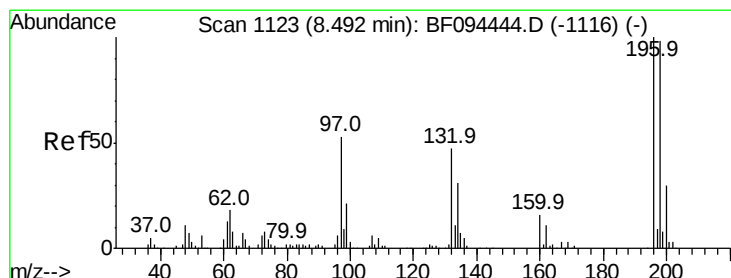
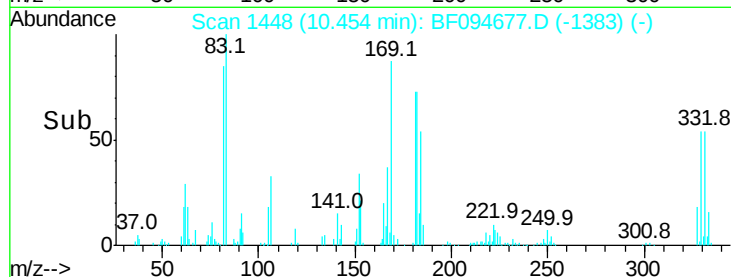
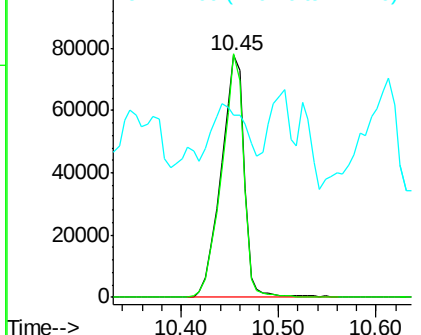
#41
 2,4,6-Tribromophenol
 Concen: 167.04 ng
 RT: 10.45 min Scan# 1448
 Delta R.T. 0.08 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 127209
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 31.2 31.4 47.2#

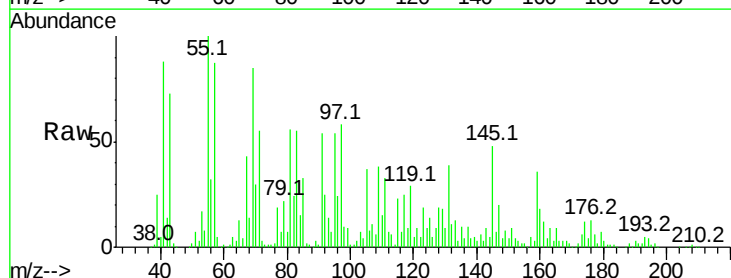


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

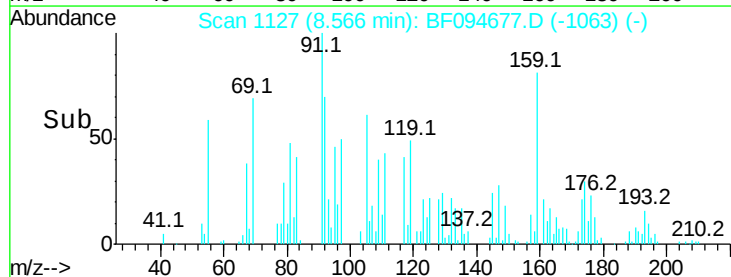
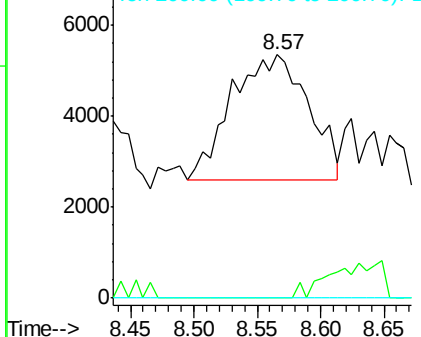


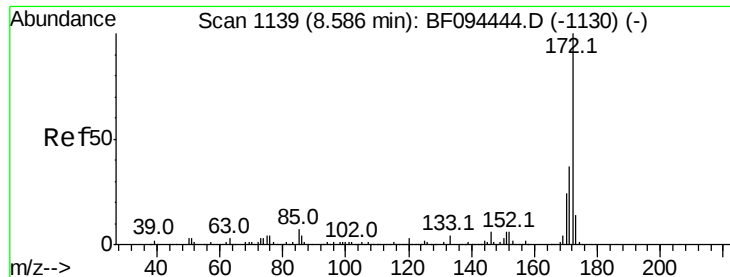
#42
 2,4,6-Trichlorophenol
 Concen: 5.92 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. 0.07 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Tgt Ion:196 Resp: 11518
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



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: 100.42 ng

RT: 8.64 min Scan# 1139

Delta R.T. 0.05 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

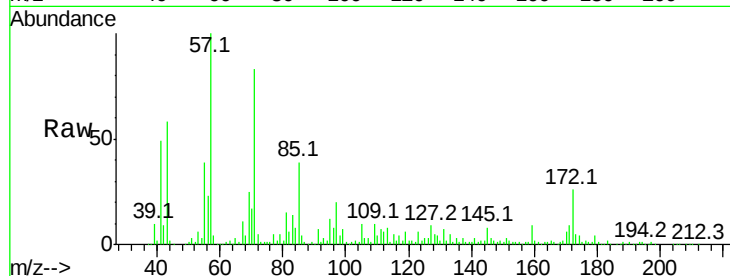
Tot Ion:172 Resp: 664485

Ion Ratio Lower Upper

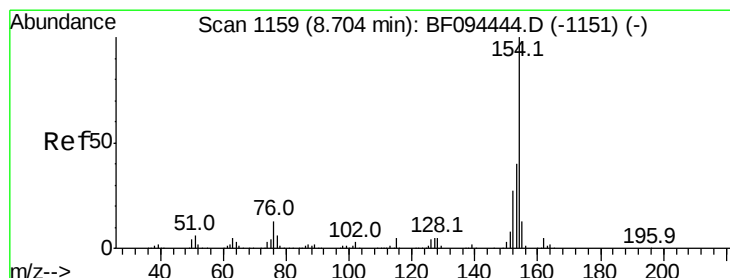
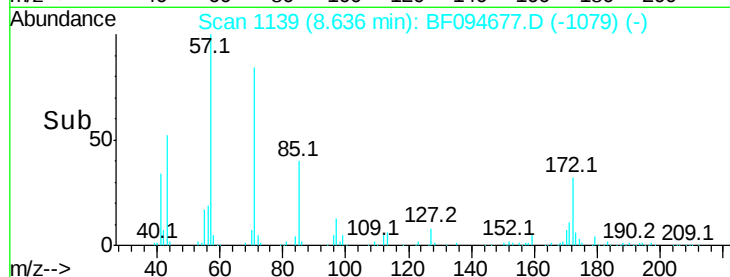
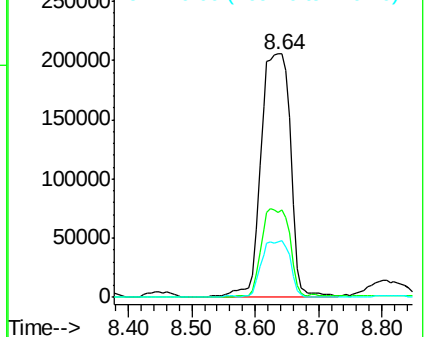
172 100

171 34.8 29.6 44.4

170 23.0 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



#45

1,1'-Biphenyl

Concen: 8.12 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.06 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

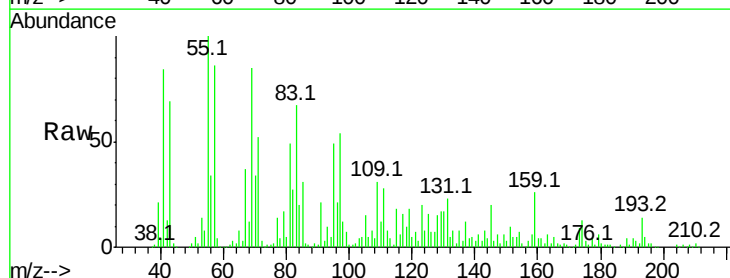
Tgt Ion:154 Resp: 64551

Ion Ratio Lower Upper

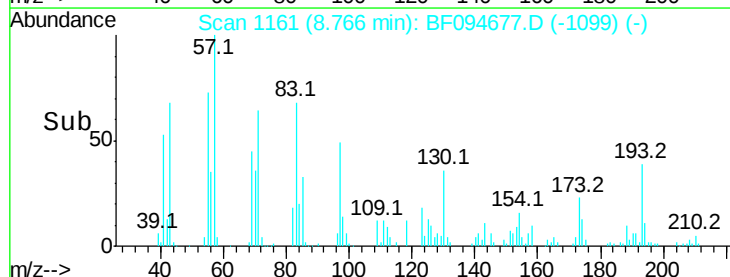
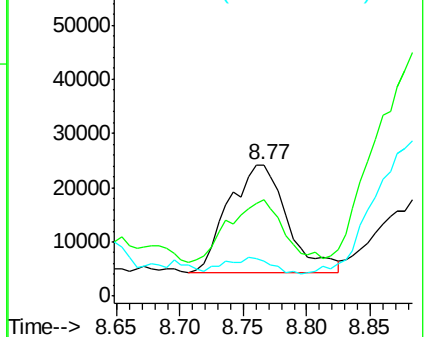
154 100

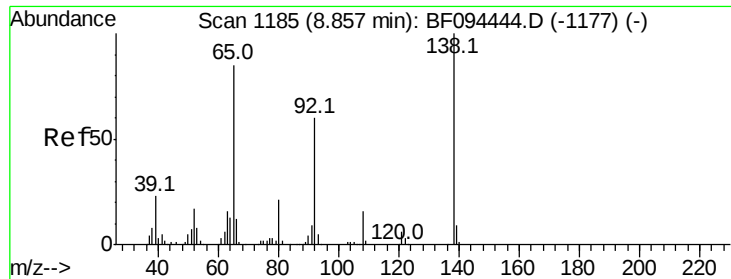
153 72.9 21.2 61.2#

76 26.6 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





#47

2-Nitroaniline

Concen: 2.72 ng

RT: 8.95 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampled :

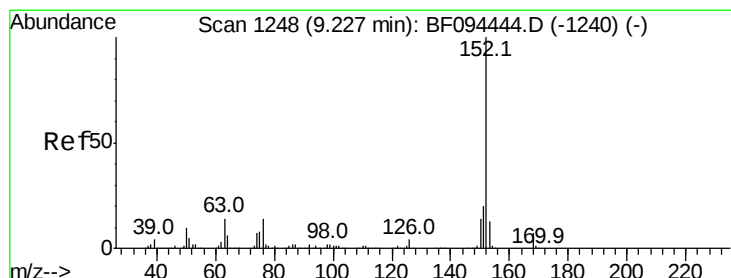
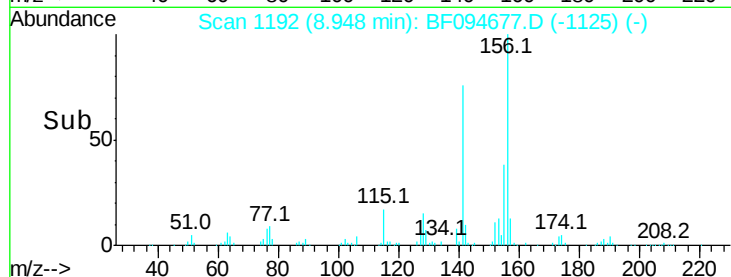
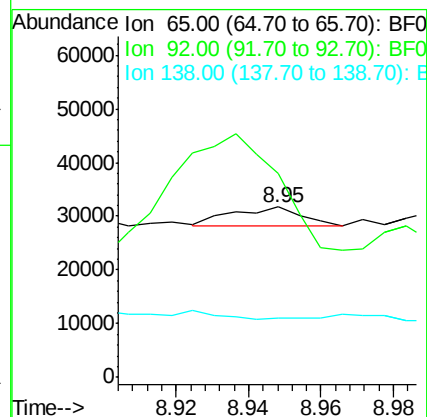
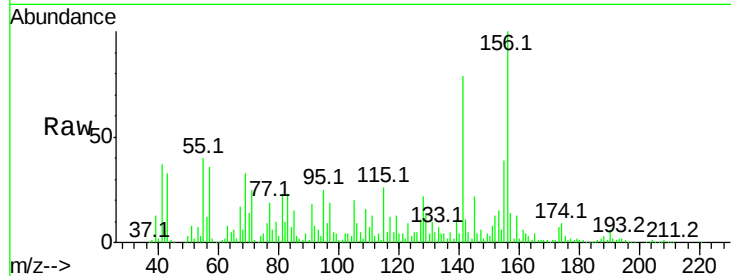
Tot Ion: 65 Resp: 4942

Ion Ratio Lower Upper

65 100

92 119.7 53.9 80.9#

138 34.6 78.8 118.2#



#48

Acenaphthylene

Concen: 12.29 ng

RT: 9.32 min Scan# 1255

Delta R.T. 0.09 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

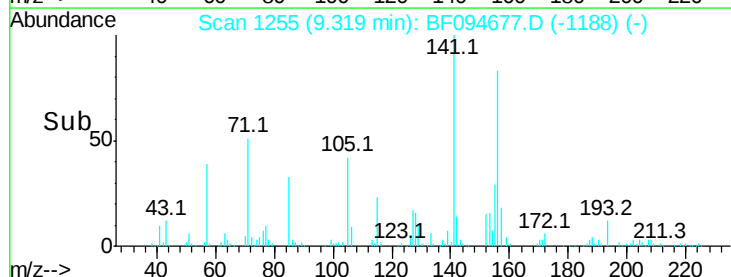
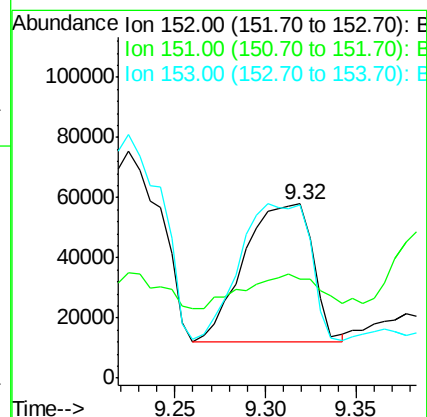
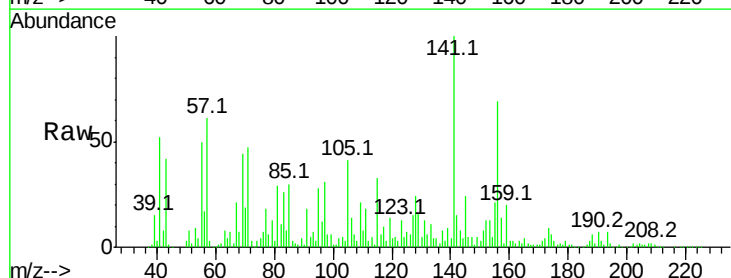
Tgt Ion: 152 Resp: 121192

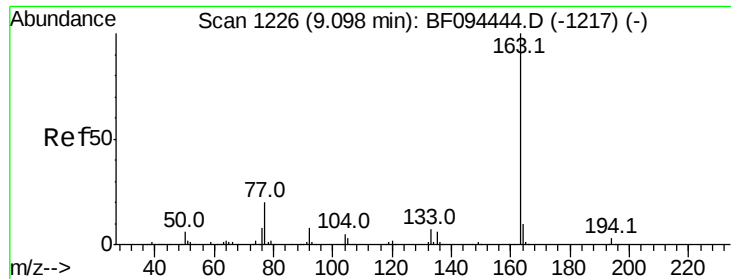
Ion Ratio Lower Upper

152 100

151 57.1 16.8 25.2#

153 99.1 10.8 16.2#

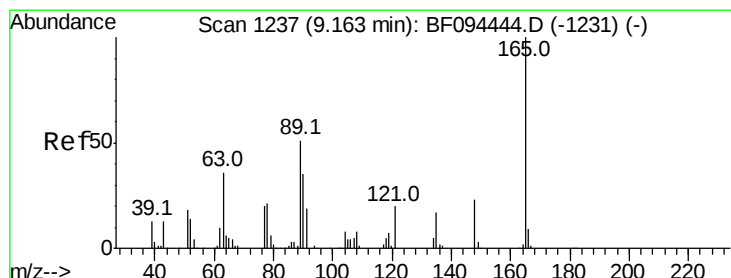
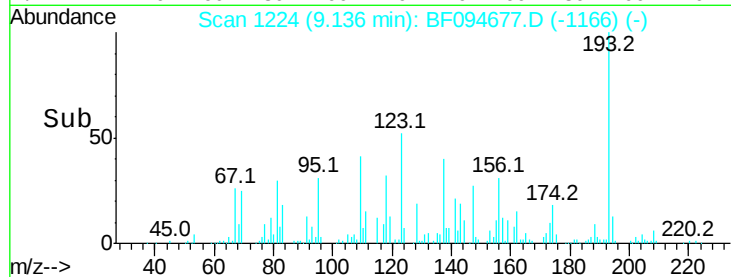
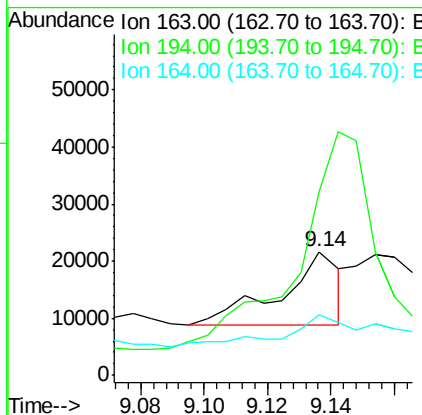
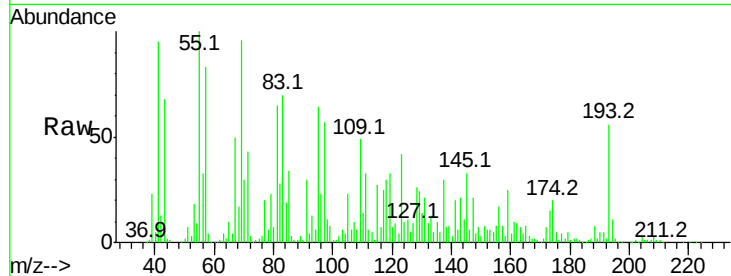




#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.14 min Scan# 1224
Delta R.T. 0.04 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

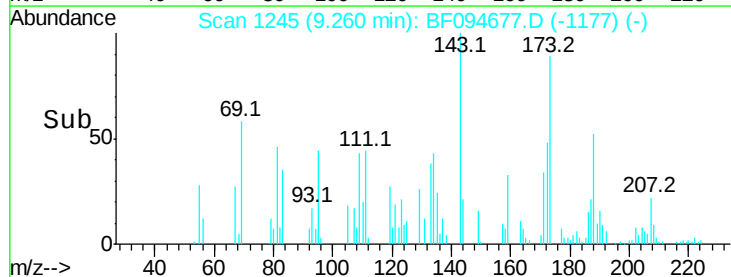
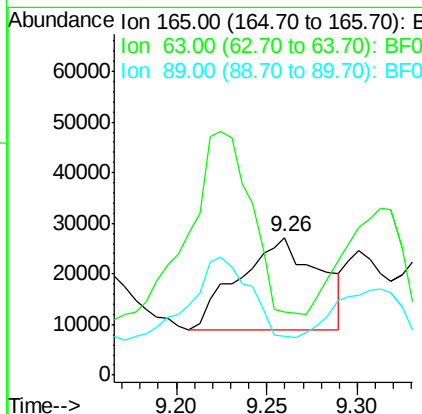
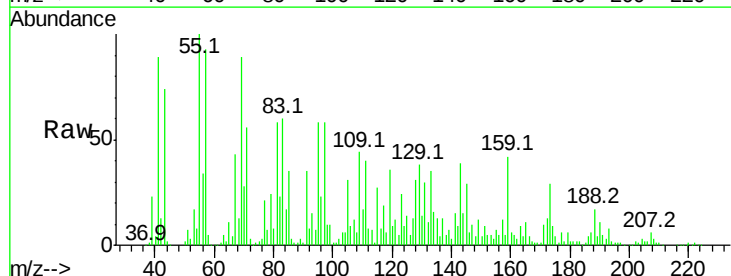
Instrument :
BNA_F
ClientSampleId :

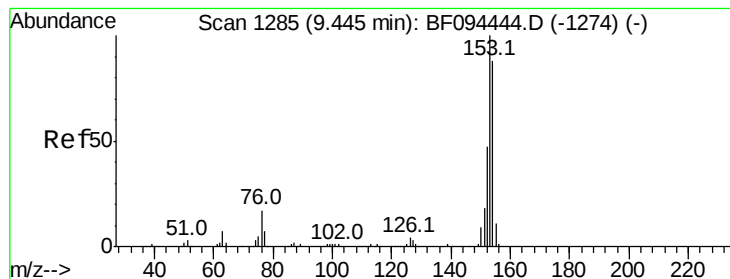
Tot Ion:163 Resp: 16880
Ion Ratio Lower Upper
163 100
194 148.3 2.6 4.0#
164 49.5 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 34.34 ng
RT: 9.26 min Scan# 1245
Delta R.T. 0.10 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

Tgt Ion:165 Resp: 55929
Ion Ratio Lower Upper
165 100
63 45.9 34.3 51.5
89 27.7 37.1 55.7#





#51

Acenaphthene

Concen: 55.33 ng

RT: 9.52 min Scan# 1289

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

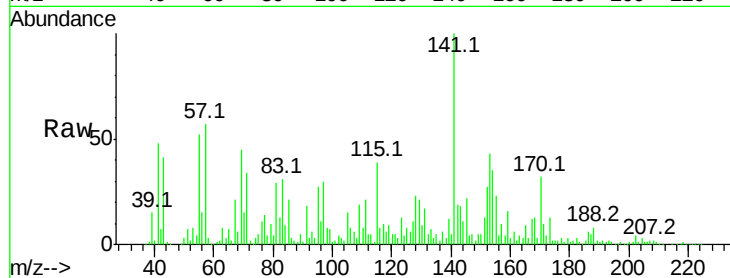
Tot Ion:154 Resp: 326747

Ion Ratio Lower Upper

154 100

153 123.3 90.5 135.7

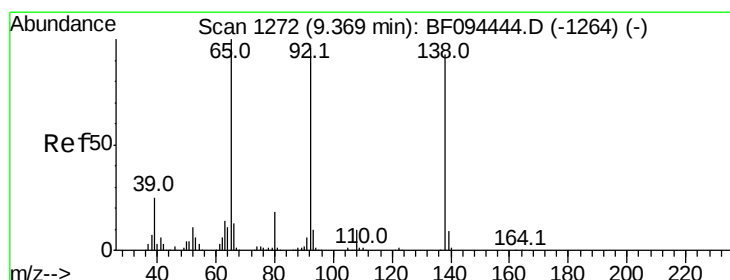
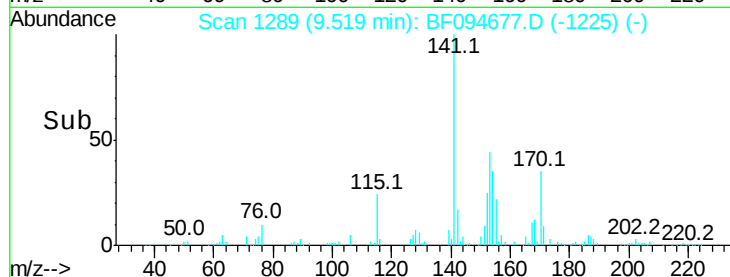
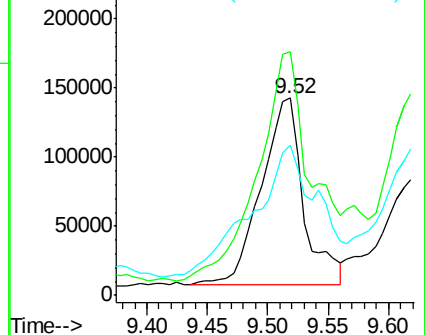
152 76.3 43.6 65.4#



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



#52

3-Nitroaniline

Concen: 12.49 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.05 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

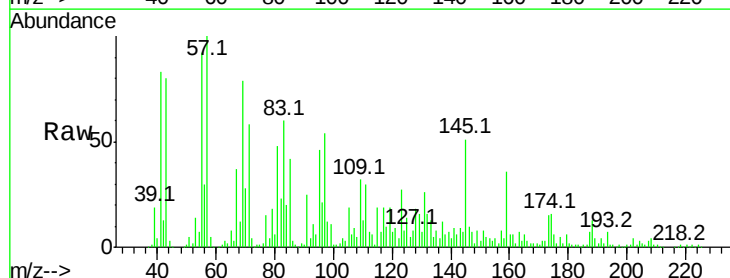
Tgt Ion:138 Resp: 23534

Ion Ratio Lower Upper

138 100

108 79.8 9.1 13.7#

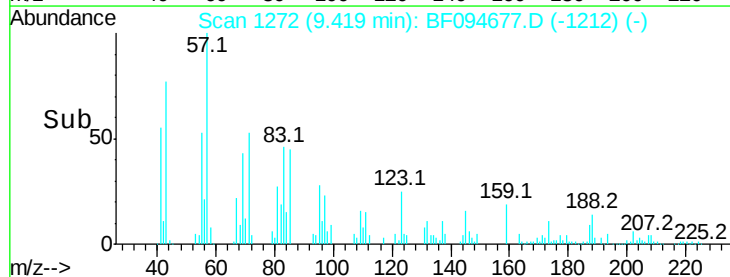
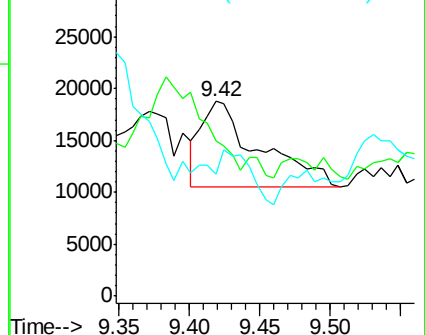
92 62.9 93.8 140.6#

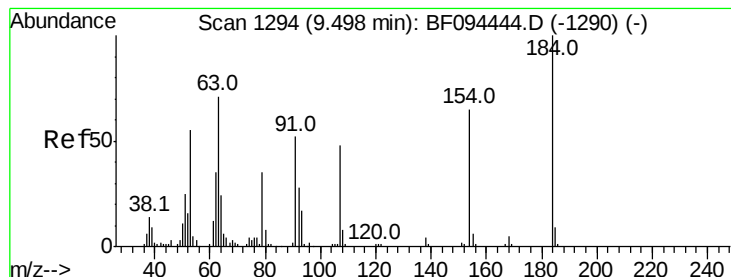


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 6.94 ng

RT: 9.58 min Scan# 1299

Delta R.T. 0.08 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampled :

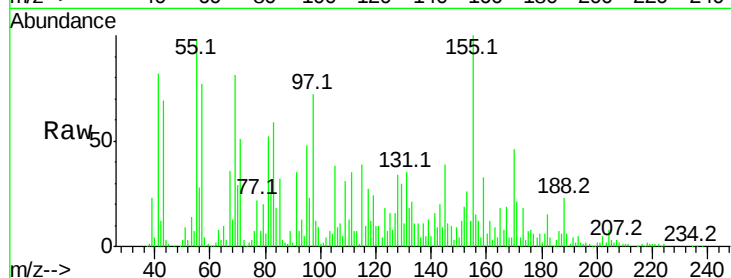
Tot Ion:184 Resp: 1126

Ion Ratio Lower Upper

184 100

63 1655.8 62.7 94.1#

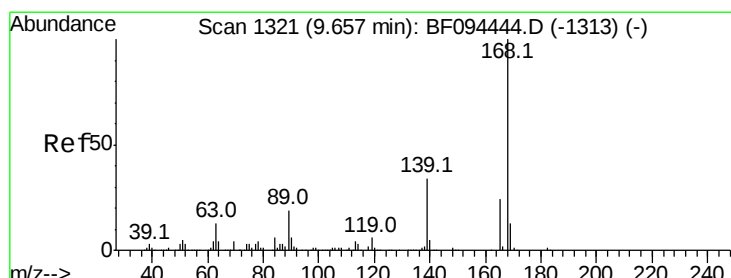
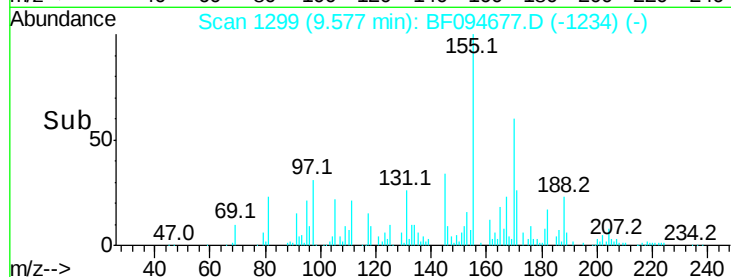
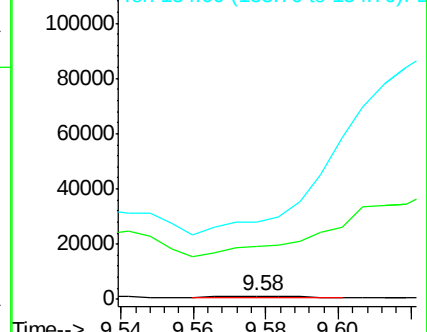
154 2453.0 81.1 121.7#



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: 37.74 ng

RT: 9.73 min Scan# 1325

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

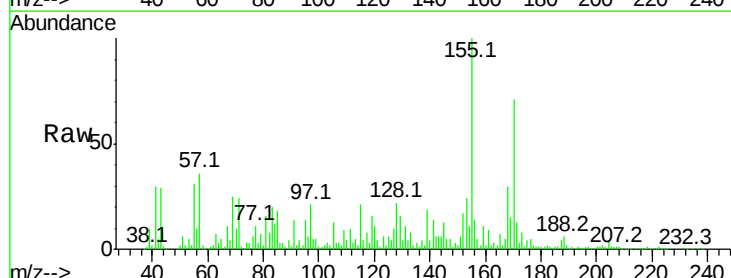
Tgt Ion:168 Resp: 323971

Ion Ratio Lower Upper

168 100

139 62.4 30.6 45.8#

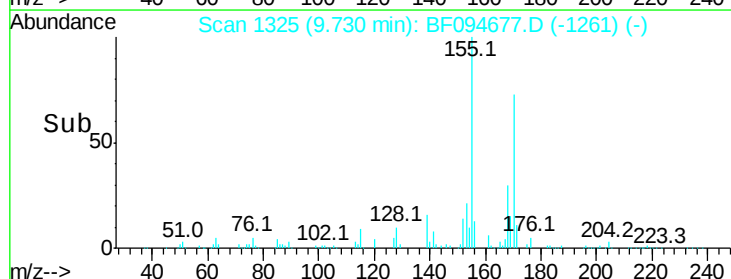
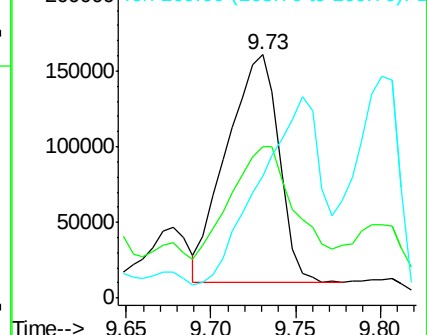
169 50.1 10.8 16.2#

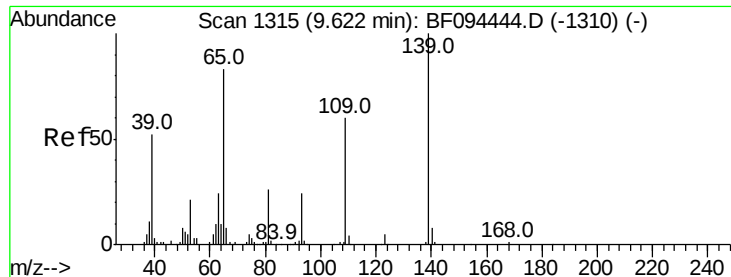


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

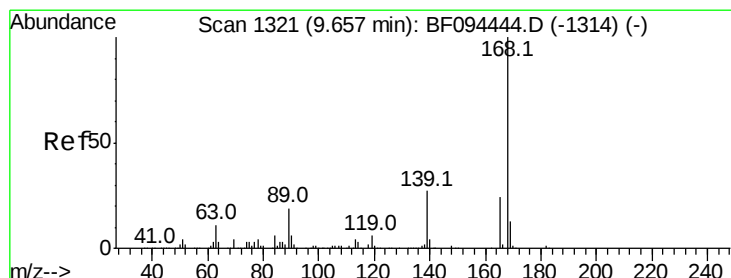
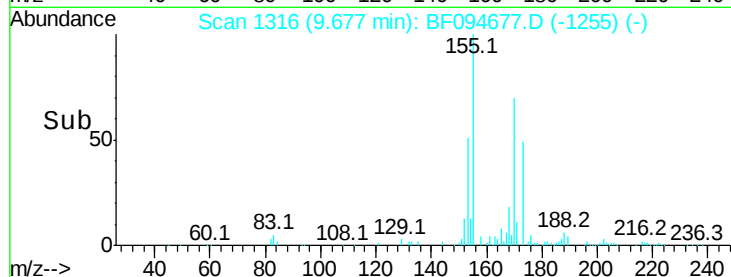
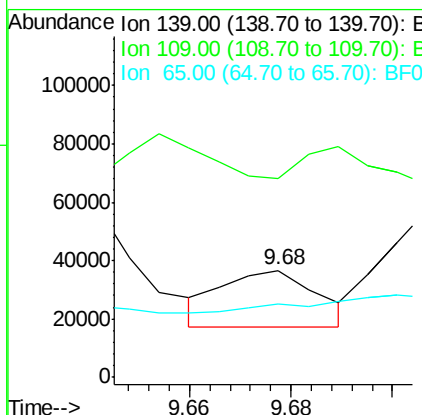
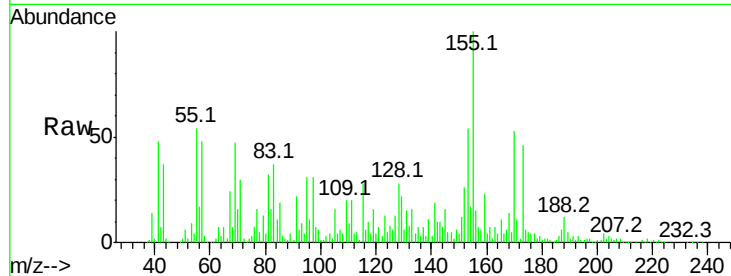




#55
4-Nitrophenol
Concen: 18.83 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.06 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

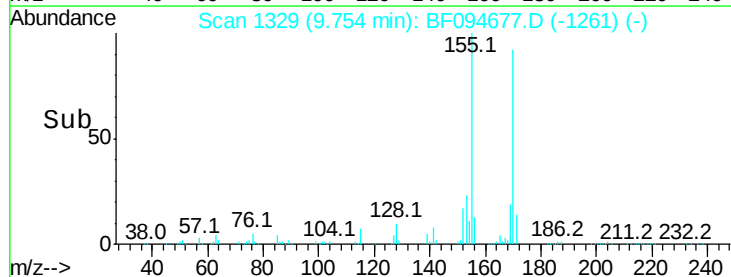
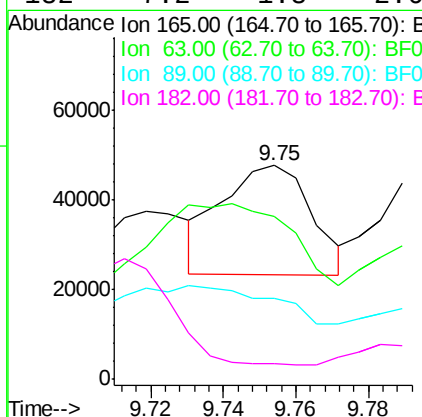
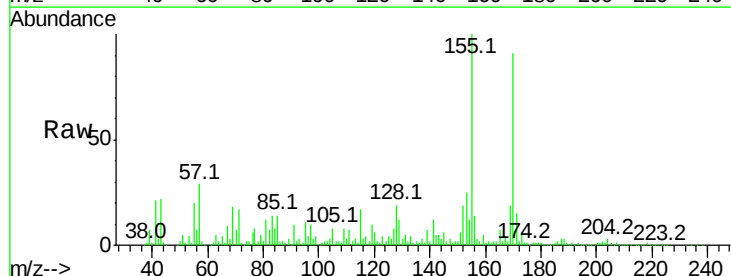
Instrument :
BNA_F
ClientSampled :

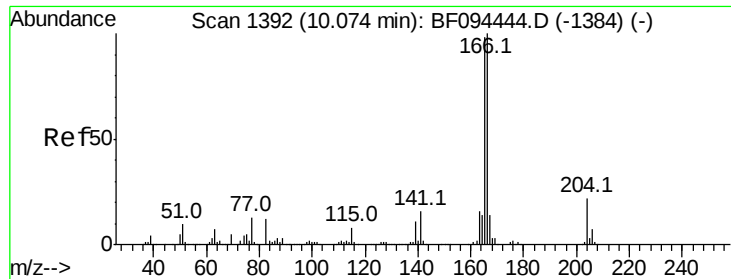
Tot Ion:139 Resp: 25068
Ion Ratio Lower Upper
139 100
109 185.8 34.1 74.1#
65 68.3 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 20.78 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.10 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

Tgt Ion:165 Resp: 41518
Ion Ratio Lower Upper
165 100
63 75.9 25.4 38.0#
89 37.8 46.4 69.6#
182 7.2 1.8 2.6#

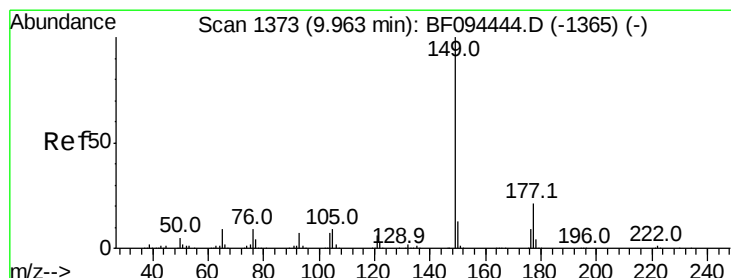
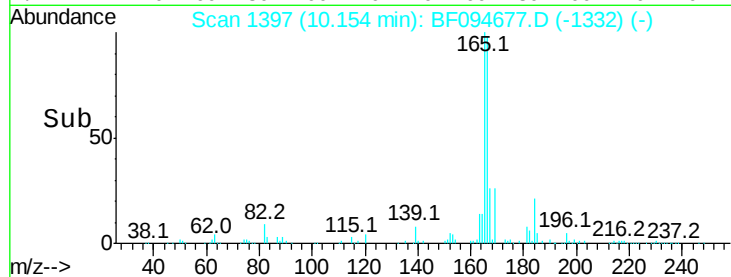
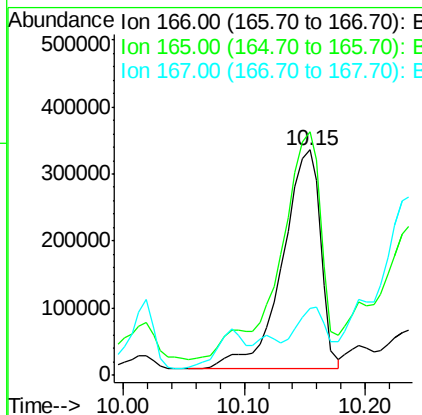
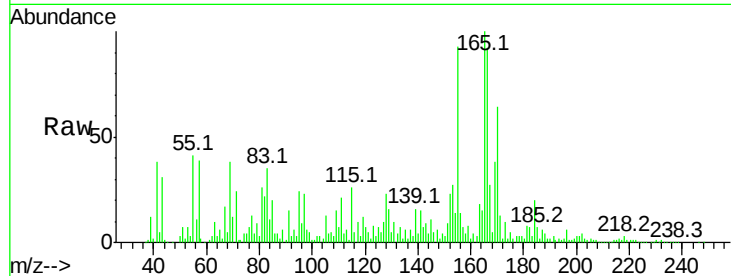




#57
 Fluorene
 Concen: 106.68 ng
 RT: 10.15 min Scan# 1397
 Delta R.T. 0.08 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

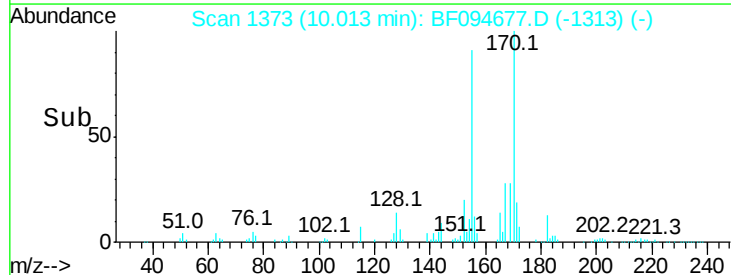
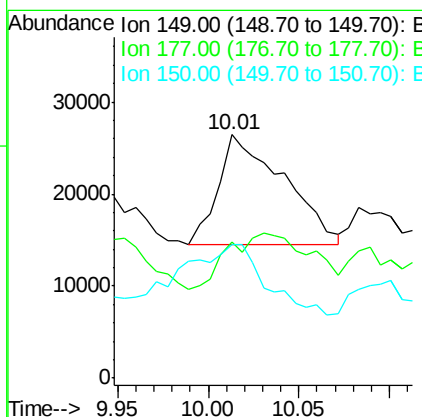
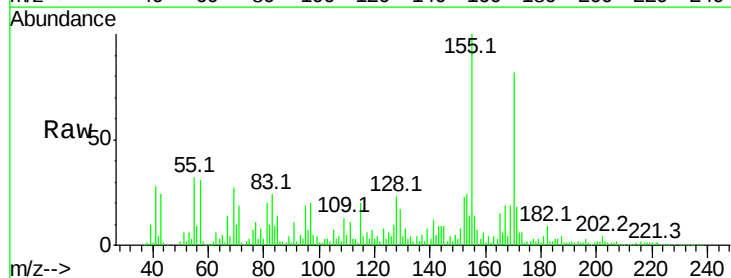
Instrument :
 BNA_F
 ClientSampled :

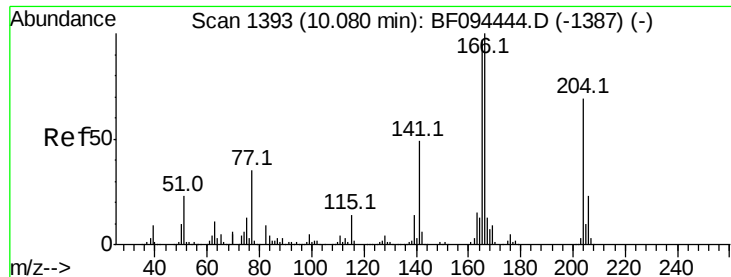
Tot Ion:166 Resp: 713054
 Ion Ratio Lower Upper
 166 100
 165 108.2 78.8 118.2
 167 29.6 10.6 16.0#



#59
 Diethylphthalate
 Concen: 4.35 ng
 RT: 10.01 min Scan# 1373
 Delta R.T. 0.05 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Tgt Ion:149 Resp: 29796
 Ion Ratio Lower Upper
 149 100
 177 55.7 16.7 25.1#
 150 54.9 10.2 15.2#





#60

4-Chlorophenyl-phenylether

Concen: 6.97 ng

RT: 10.11 min Scan# 1389

Delta R.T. 0.03 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

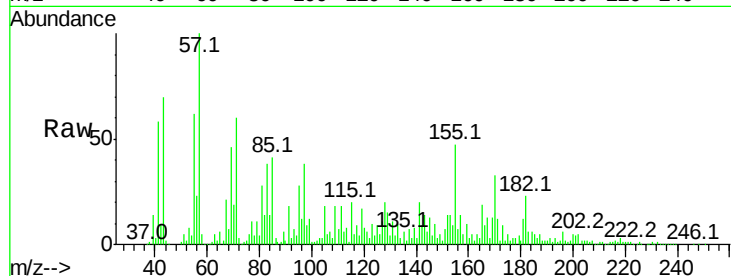
Tot Ion: 204 Resp: 19390

Ion Ratio Lower Upper

204 100

206 31.5 26.2 39.2

141 957.8 60.8 91.2#

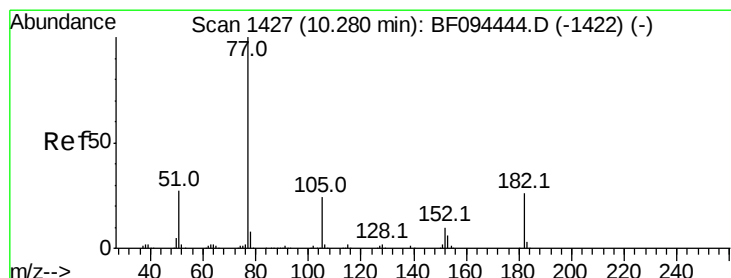
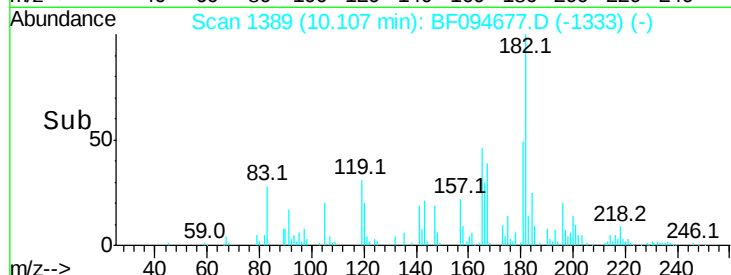
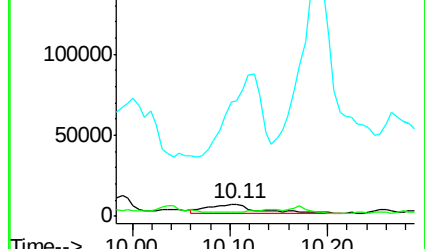


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#62

Azobenzene

Concen: 5.04 ng

RT: 10.35 min Scan# 1431

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Tgt Ion: 77 Resp: 33474

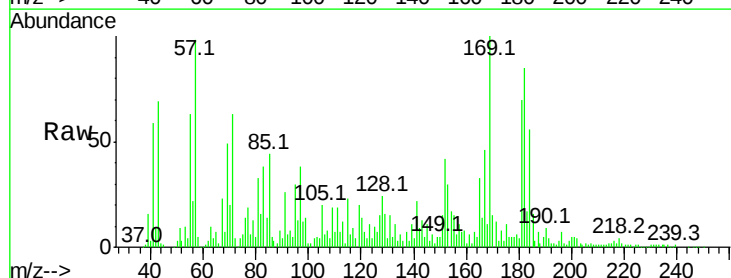
Ion Ratio Lower Upper

77 100

182 455.5 0.1 40.1#

105 107.5 3.6 43.6#

51 46.2 9.4 49.4



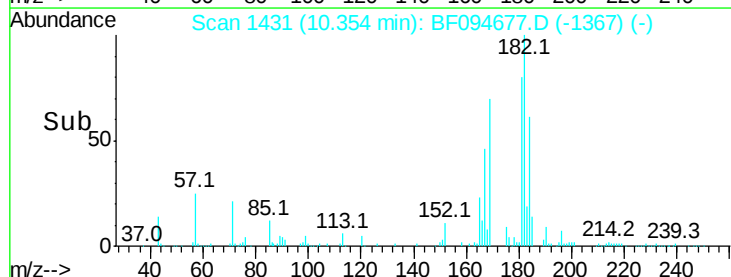
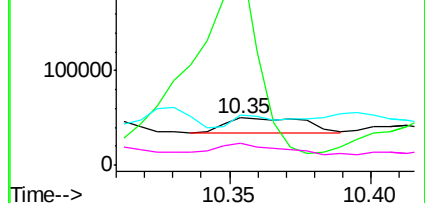
Abundance Ion 77.00 (76.70 to 77.70): BF0

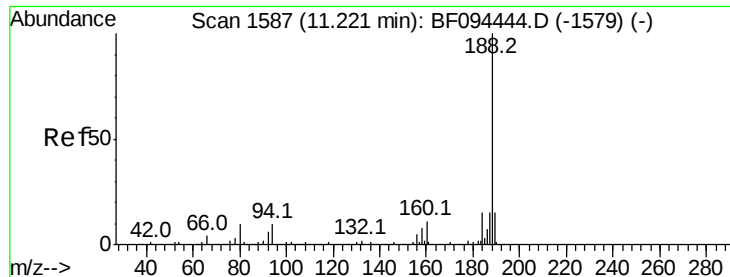
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1590

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

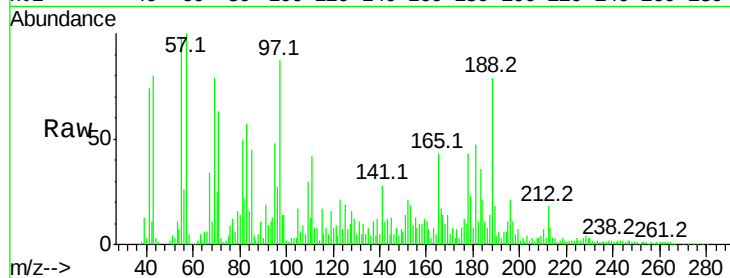
Tot Ion:188 Resp: 220539

Ion Ratio Lower Upper

188 100

94 17.0 9.4 14.2#

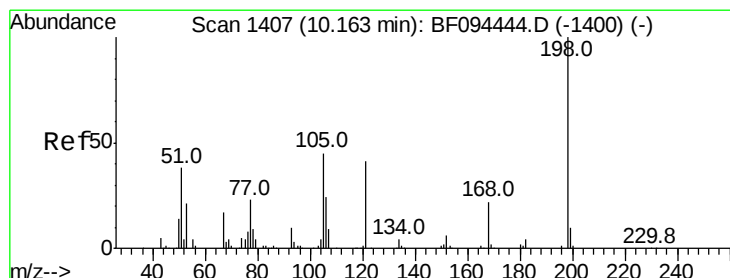
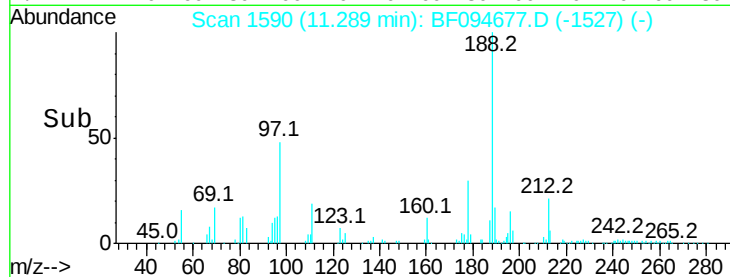
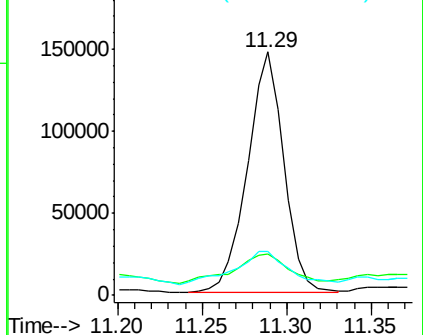
80 17.9 10.2 15.2#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.56 ng

RT: 10.25 min Scan# 1414

Delta R.T. 0.09 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

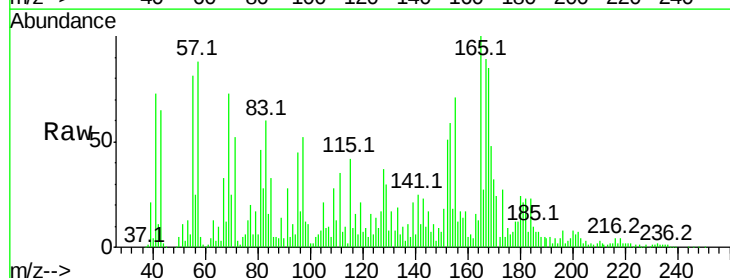
Tgt Ion:198 Resp: 8036

Ion Ratio Lower Upper

198 100

51 349.1 53.2 93.2#

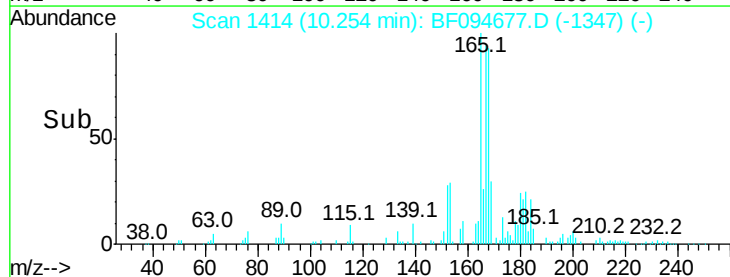
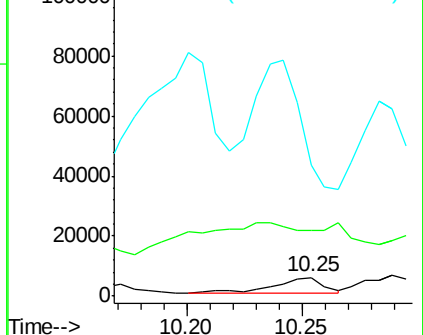
105 692.6 45.8 85.8#

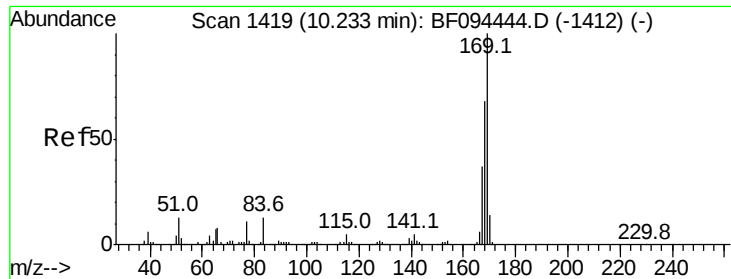


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.79 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.05 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampled :

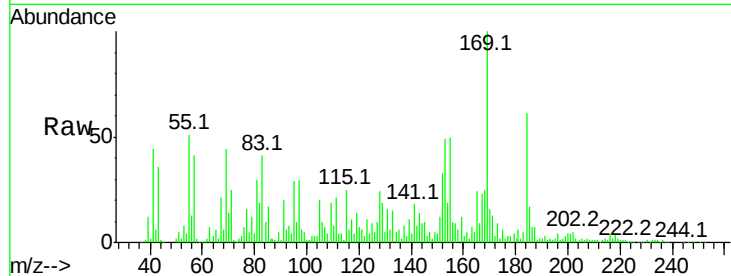
Tot Ion:169 Resp: 389542

Ion Ratio Lower Upper

169 100

168 25.1 53.2 79.8#

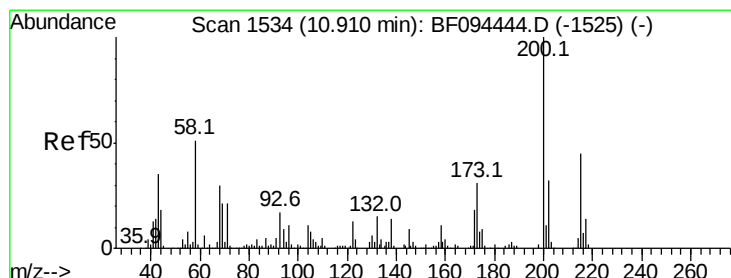
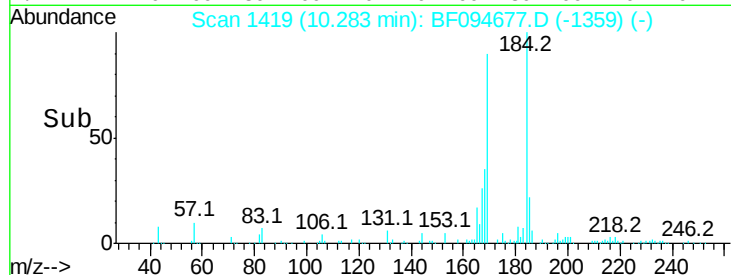
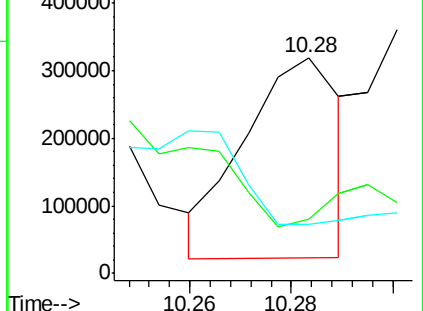
167 22.7 29.5 44.3#



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: 6.71 ng

RT: 10.97 min Scan# 1536

Delta R.T. 0.06 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

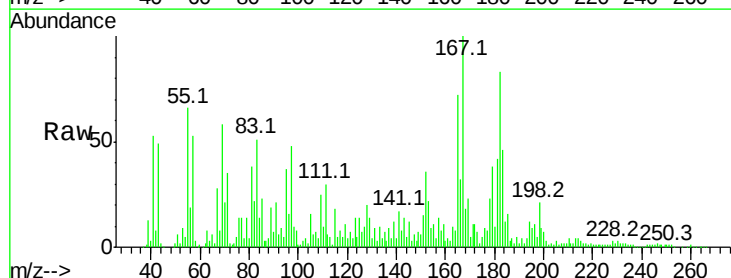
Tgt Ion:200 Resp: 15395

Ion Ratio Lower Upper

200 100

173 93.7 6.3 46.3#

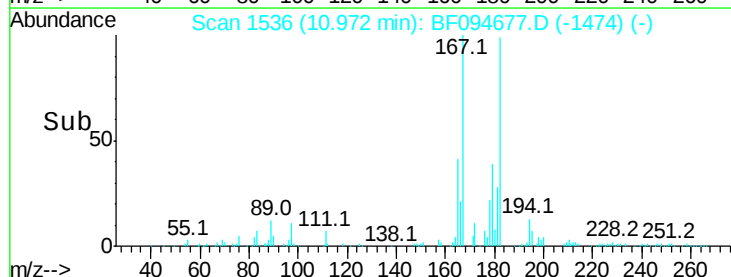
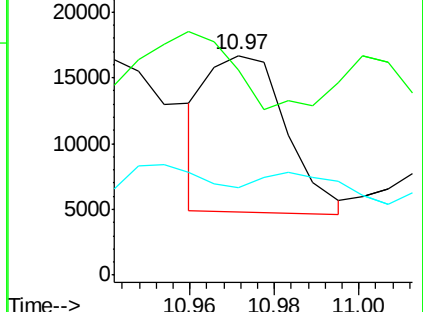
215 39.7 27.2 67.2

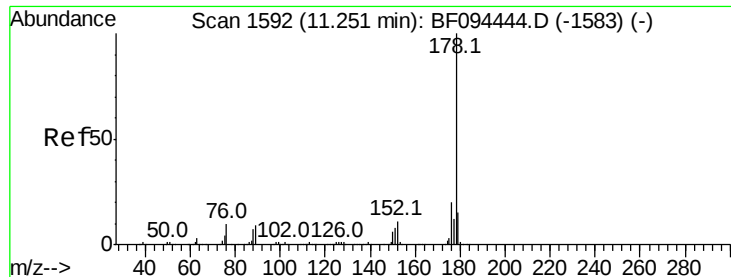


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 189.00 ng

RT: 11.33 min Scan# 1597

Delta R.T. 0.08 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

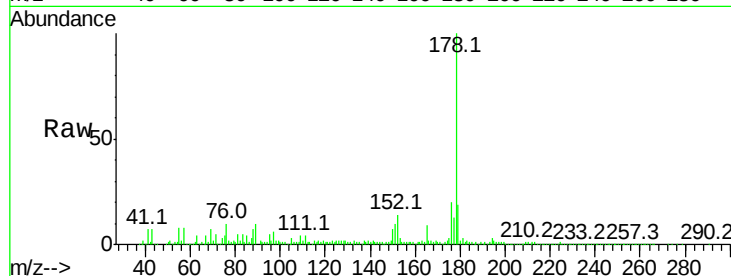
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2347254

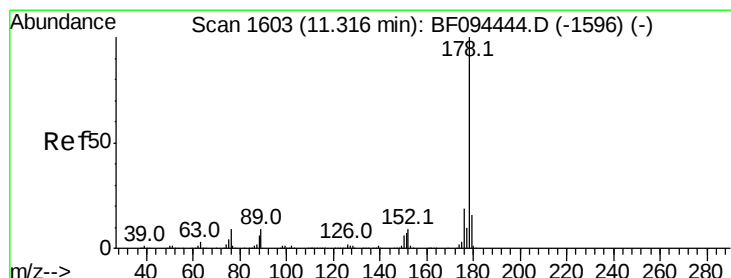
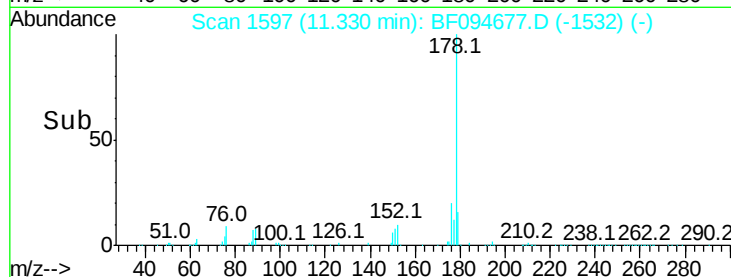
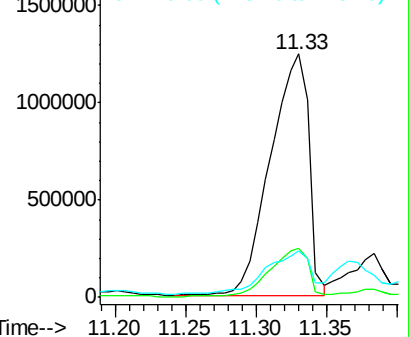
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	19.3	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 17.41 ng

RT: 11.38 min Scan# 1606

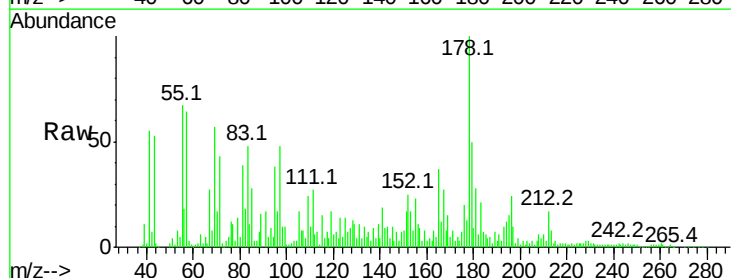
Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Tgt Ion:178 Resp: 223655

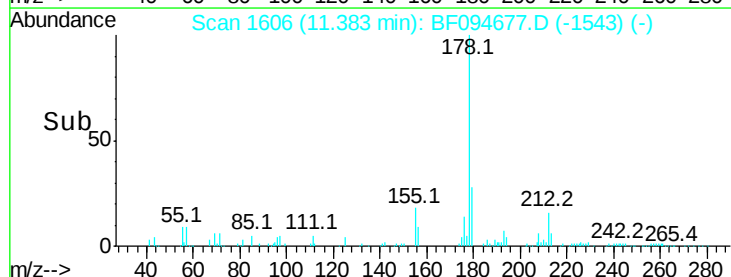
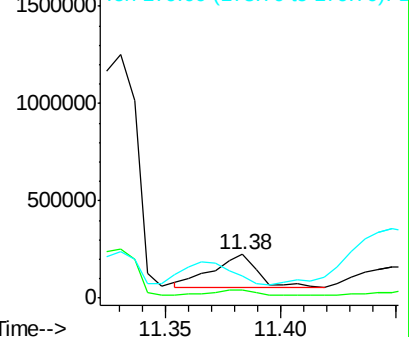
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	50.2	12.7	19.1

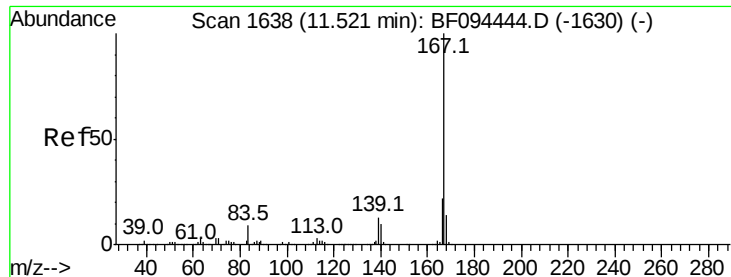


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 54.76 ng

RT: 11.59 min Scan# 1641

Delta R.T. 0.07 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

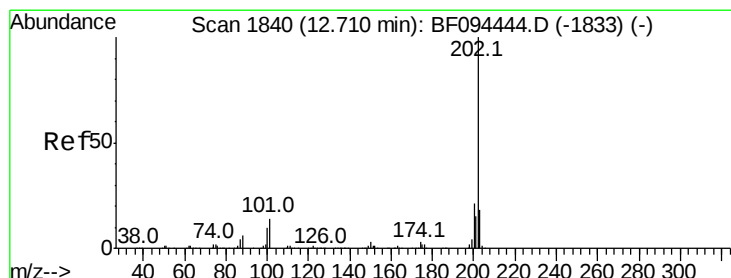
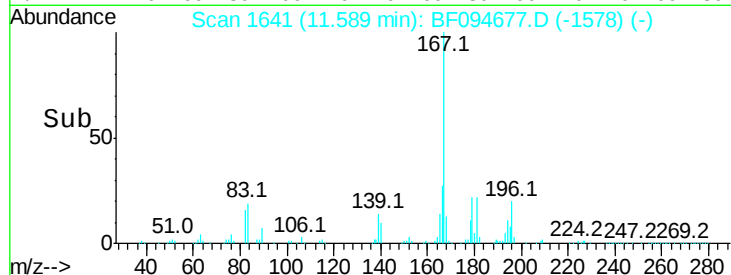
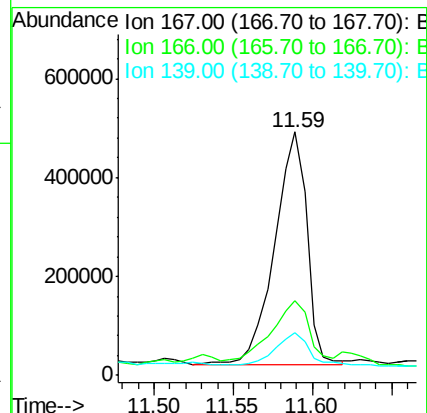
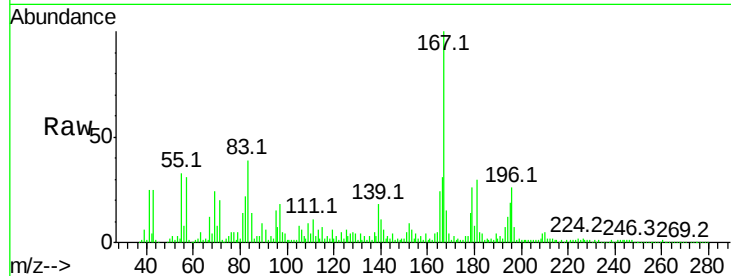
Tot Ion:167 Resp: 660222

Ion Ratio Lower Upper

167 100

166 30.6 18.1 27.1#

139 17.5 11.7 17.5#



#74

Fluoranthene

Concen: 62.26 ng

RT: 12.77 min Scan# 1842

Delta R.T. 0.06 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

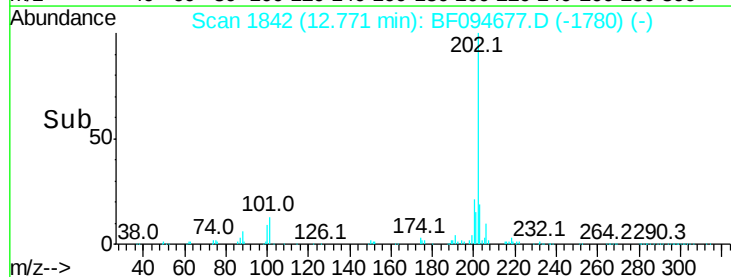
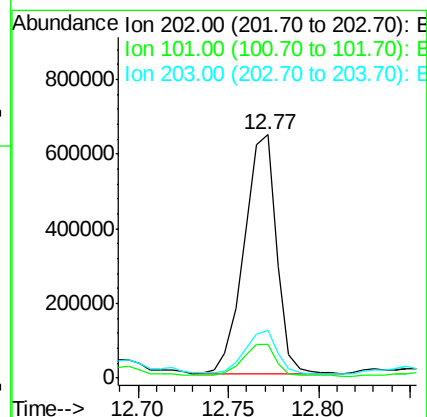
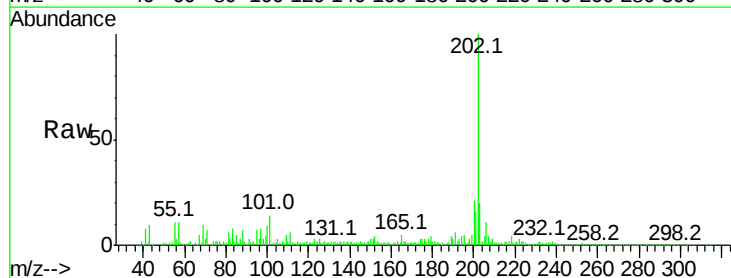
Tgt Ion:202 Resp: 801360

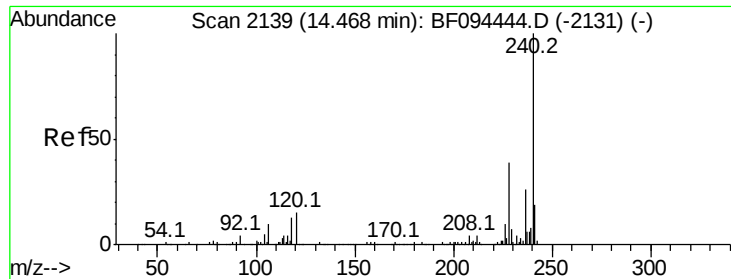
Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

203 19.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

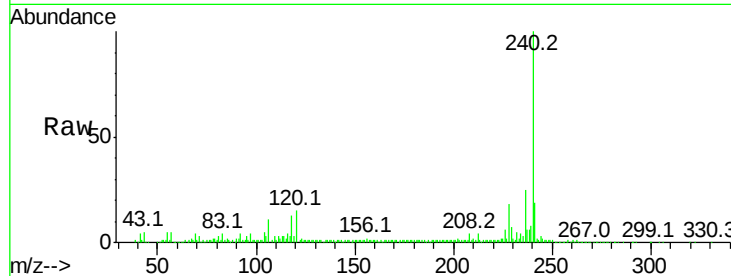
Tot Ion:240 Resp: 227093

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

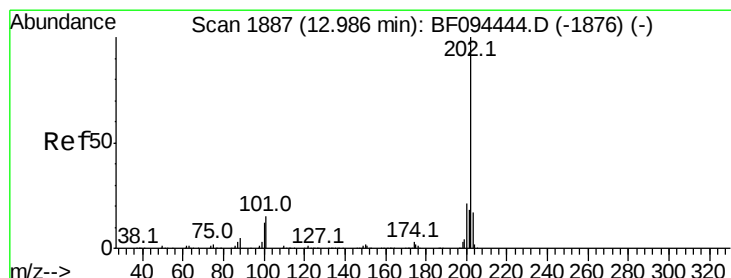
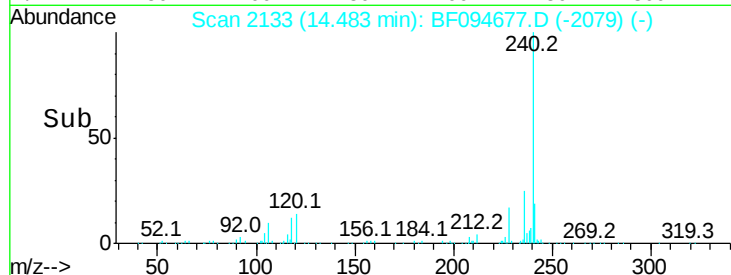
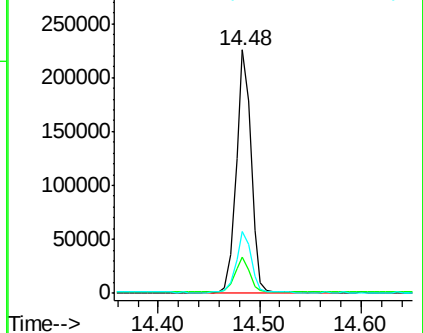
236 25.4 20.5 30.7



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

Pyrene

Concen: 52.82 ng

RT: 13.04 min Scan# 1887

Delta R.T. 0.05 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

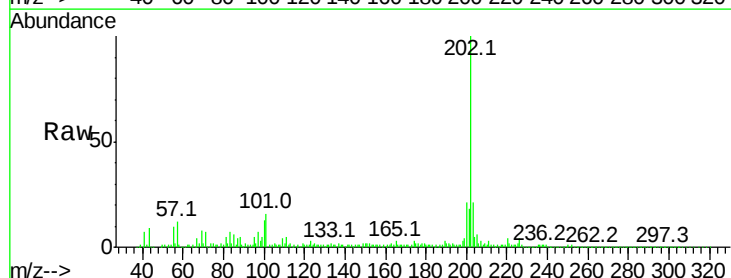
Tgt Ion:202 Resp: 837992

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

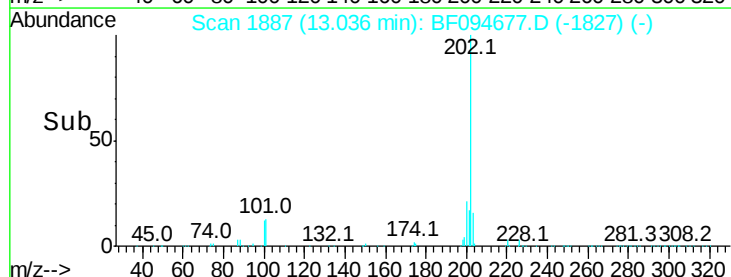
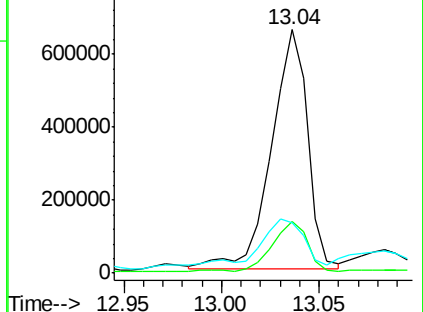
203 20.8 14.4 21.6

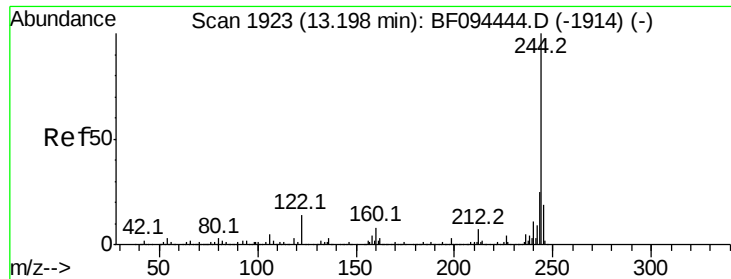


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

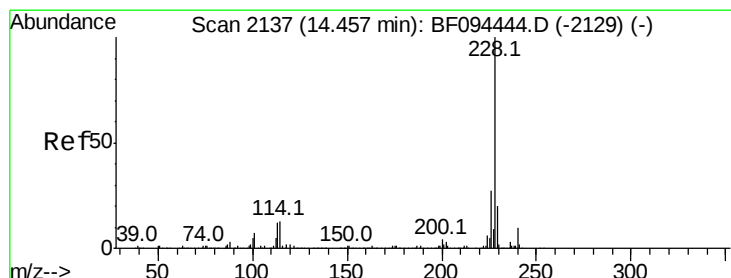
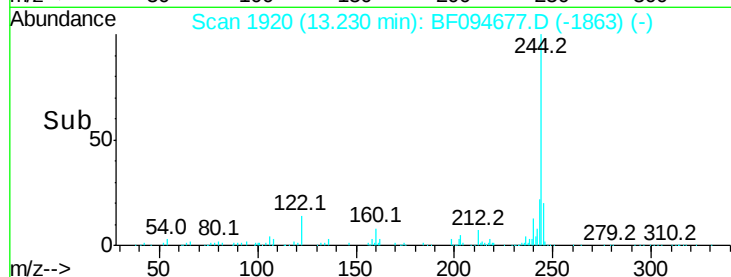
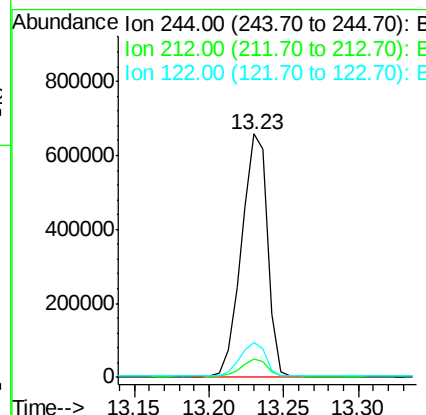
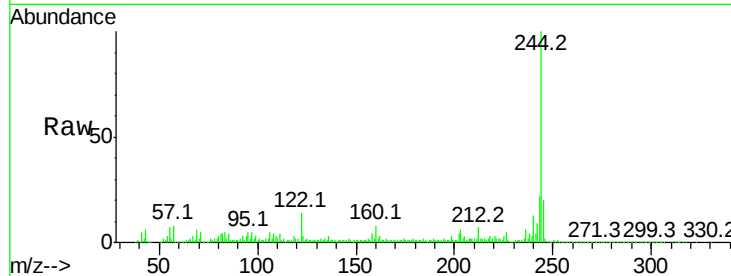




#78
 Terphenyl-d14
 Concen: 93.87 ng
 RT: 13.23 min Scan# 1920
 Delta R.T. 0.03 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

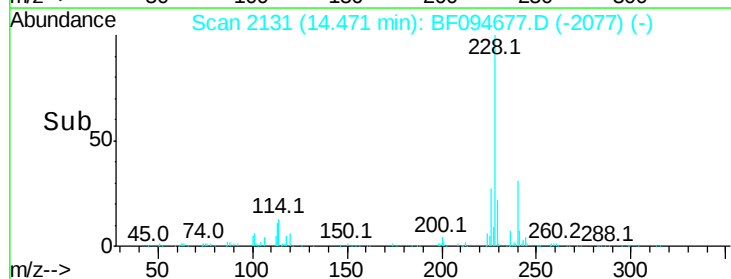
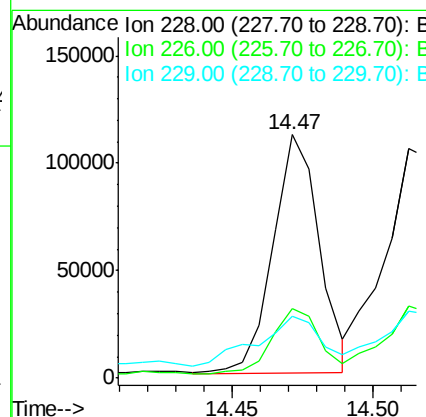
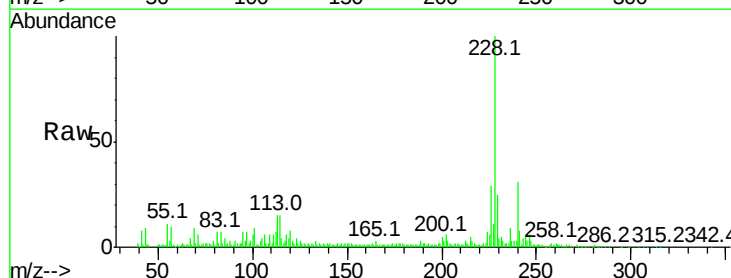
Instrument :
 BNA_F
 ClientSampleId :

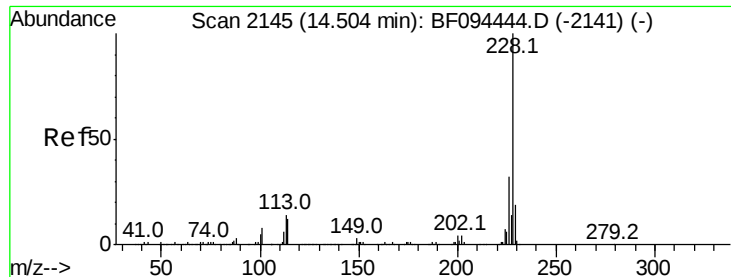
Tot Ion:244 Resp: 797545
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.3 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 9.56 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BF094677.D
 Acq: 27 Apr 2017 21:30

Tgt Ion:228 Resp: 126154
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.6 33.8
 229 25.3 16.3 24.5#





#82

Chrysene

Concen: 11.17 ng

RT: 14.51 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

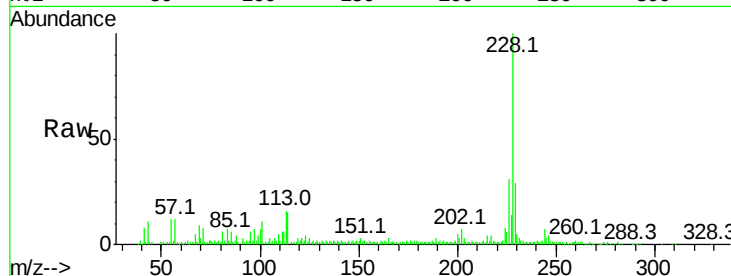
Tot Ion:228 Resp: 134743

Ion Ratio Lower Upper

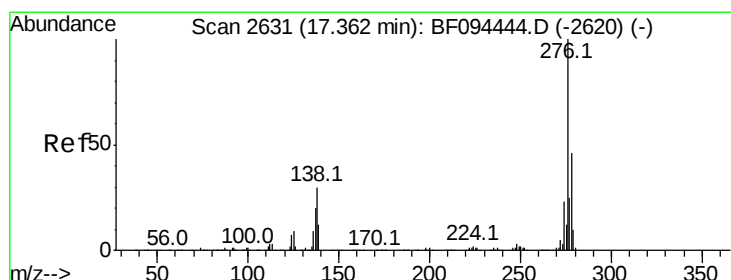
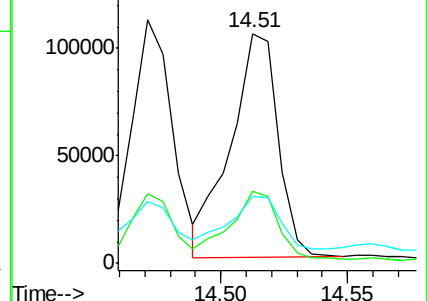
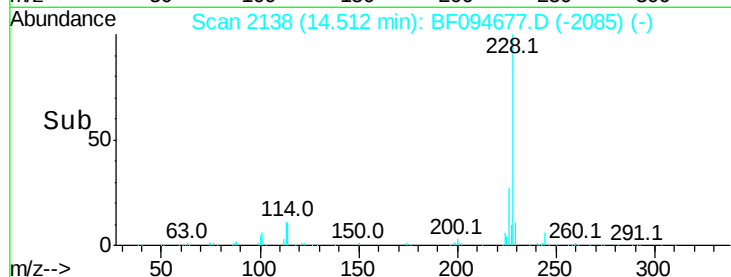
228 100

226 31.3 24.9 37.3

229 28.9 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.10 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

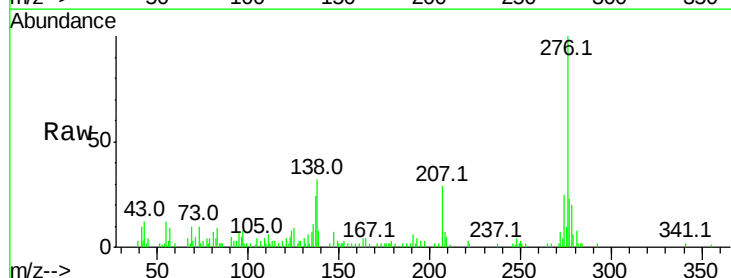
Tgt Ion:276 Resp: 35541

Ion Ratio Lower Upper

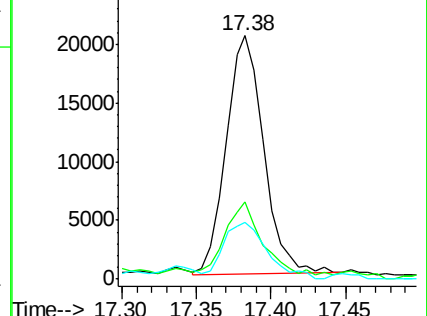
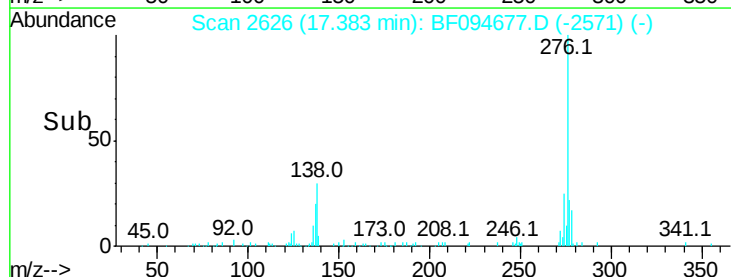
276 100

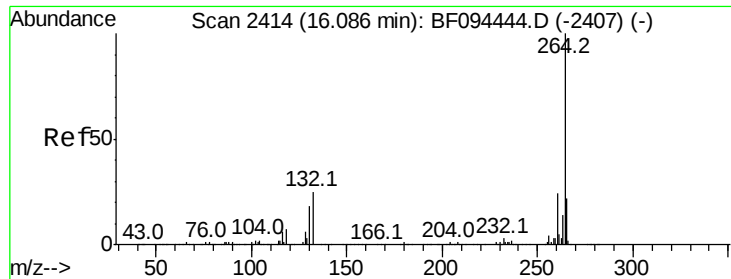
138 30.8 27.8 41.6

277 28.0 20.2 30.4



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

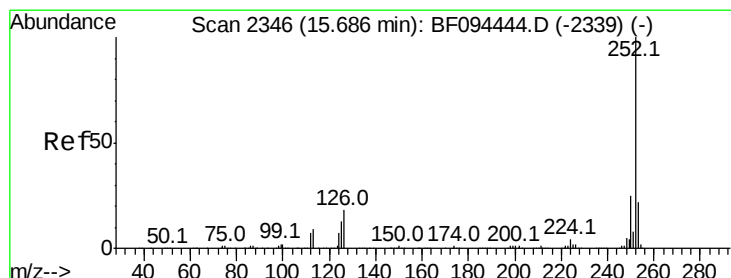
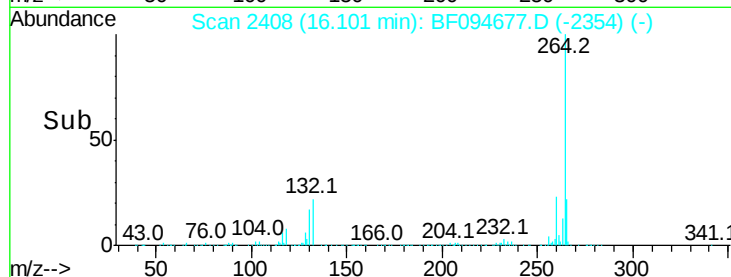
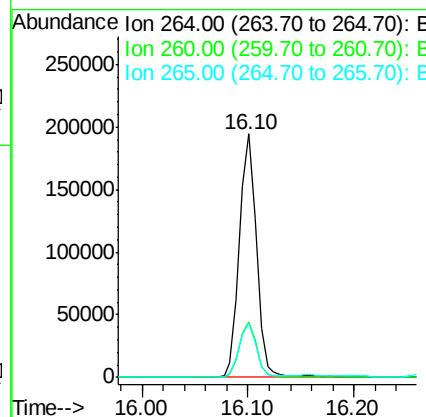
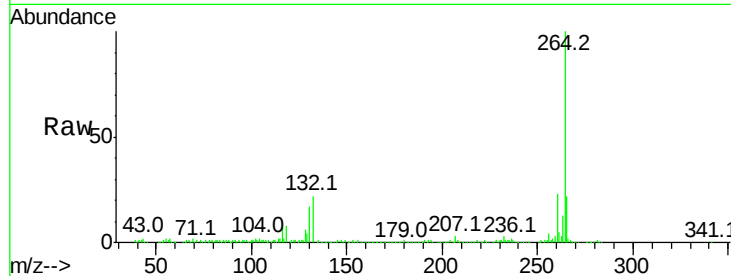




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

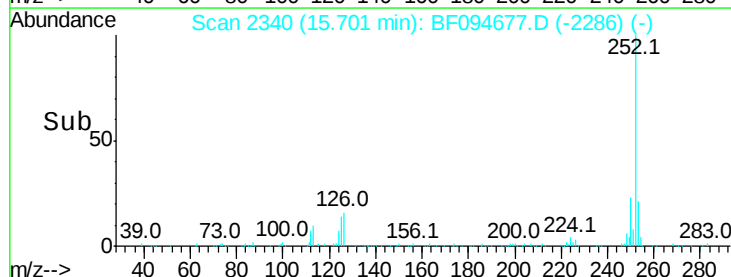
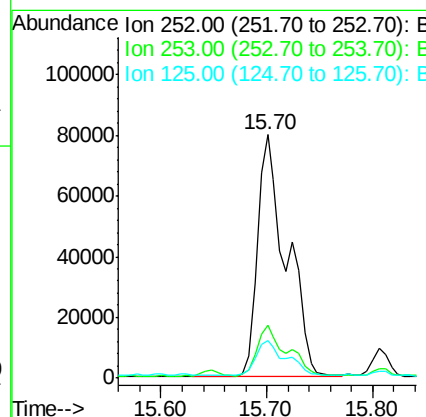
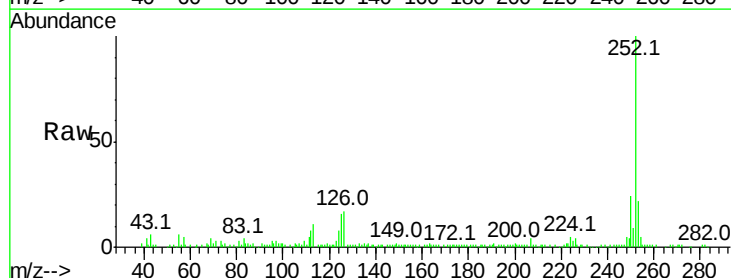
Instrument :
BNA_F
ClientSampleId :

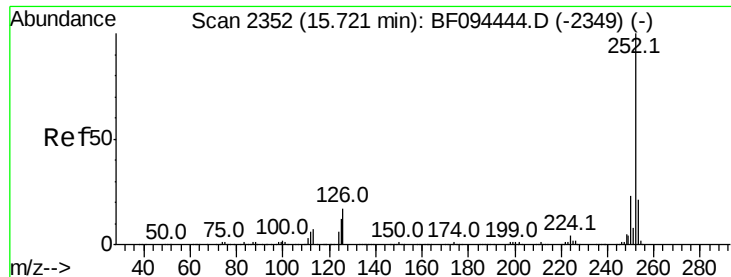
Tot Ion:264 Resp: 217311
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 22.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 11.45 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094677.D
Acq: 27 Apr 2017 21:30

Tgt Ion:252 Resp: 152183
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 15.5 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 12.10 ng

RT: 15.70 min Scan# 2340

Delta R.T. -0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

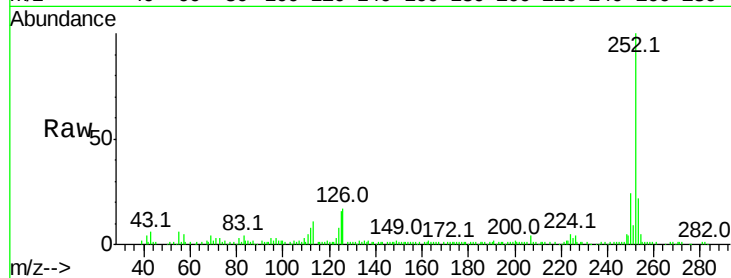
Tot Ion:252 Resp: 152183

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

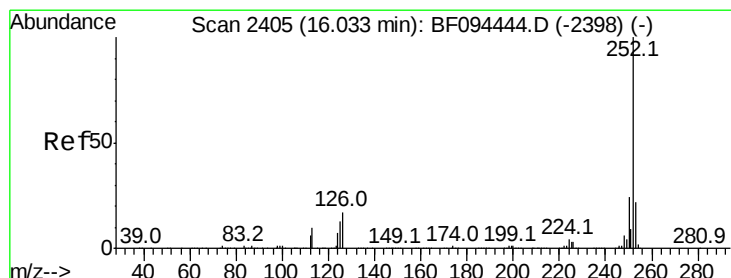
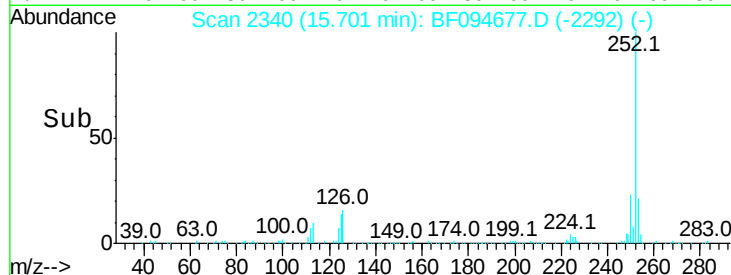
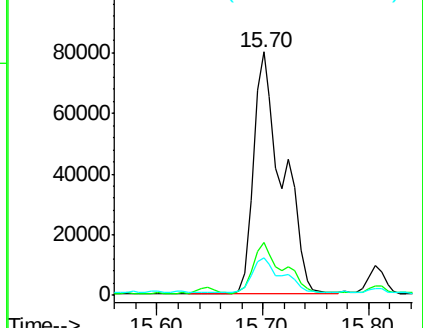
125 15.5 13.1 19.7



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



#89

Benzo(a)pyrene

Concen: 5.59 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

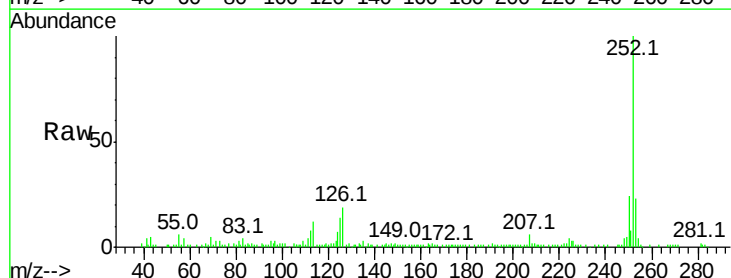
Tgt Ion:252 Resp: 69182

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

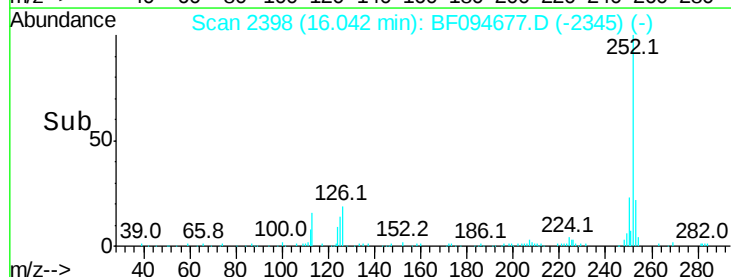
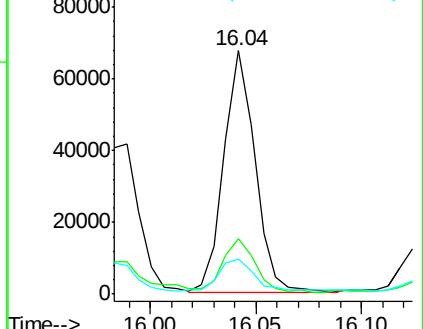
125 14.2 11.0 16.4

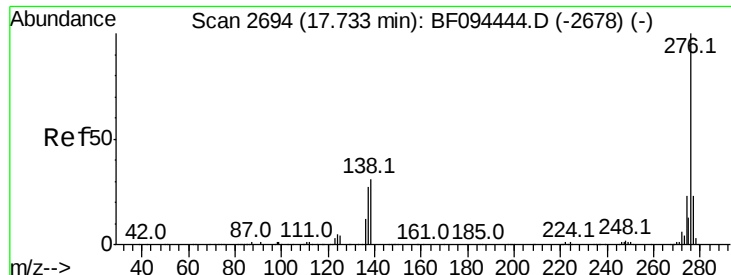


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.23 ng

RT: 17.75 min Scan# 2689

Delta R.T. 0.02 min

Lab File: BF094677.D

Acq: 27 Apr 2017 21:30

Instrument :

BNA_F

ClientSampleId :

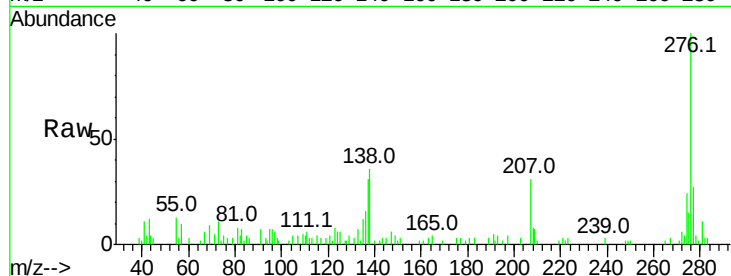
Tot Ion:276 Resp: 33816

Ion Ratio Lower Upper

276 100

277 26.9 18.6 28.0

138 36.4 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

