

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077539.D
 Acq On : 2 Mar 2015 23:12
 Operator : TP/IZ
 Sample : G1402-05 20X
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW44

Quant Time: Mar 03 05:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	59140	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	229891	20.00	ng	0.01
38) Acenaphthene-d10	11.01	164	114483	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	222248	20.00	ng	0.01
75) Chrysene-d12	16.15	240	244309	20.00	ng	0.02
86) Perylene-d12	17.89	264	217383	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2133	0.60	ng	0.00
7) Phenol-d6	6.82	99	1779	0.39	ng	0.00
23) Nitrobenzene-d5	7.94	82	7173	1.94	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	1458	1.32	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	12939	1.76	ng	0.00
78) Terphenyl-d14	14.85	244	15143	1.45	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.92	79	10436	2.43	ng	# 38
9) Benzaldehyde	6.72	77	50547	18.28	ng	# 1
15) Benzyl Alcohol	7.48	79	7585	2.19	ng	# 1
18) Hexachloroethane	7.87	117	4578	2.96	ng	# 1
22) Acetophenone	7.75	105	36785	6.80	ng	# 47
31) Naphthalene	8.88	128	7767920	675.68	ng	# 89
33) 4-Chloroaniline	8.88	127	1095731	214.36	ng	# 35
35) Caprolactam	9.40	113	7492	7.33	ng	# 20
37) 2-Methylnaphthalene	9.74	142	2827652	346.35	ng	# 96
45) 1,1'-Biphenyl	10.31	154	673980	77.71	ng	# 97
47) 2-Nitroaniline	10.41	65	15350	9.17	ng	# 46
48) Acenaphthylene	10.84	152	425146	39.48	ng	# 94
51) Acenaphthene	11.06	154	1182268	183.98	ng	# 99
53) 2,4-Dinitrophenol	11.11	184	1930	3.93	ng	# 1
54) Dibenzofuran	11.27	168	158533	15.98	ng	# 87
55) 4-Nitrophenol	11.15	139	15830	10.58	ng	# 73
56) 2,4-Dinitrotoluene	11.26	165	30383	13.93	ng	# 67
57) Fluorene	11.69	166	1138060	143.47	ng	# 98
61) 4-Nitroaniline	11.69	138	11507	6.45	ng	# 61
64) 4,6-Dinitro-2-methylphenol	11.75	198	1645	5.42	ng	# 1
65) n-Nitrosodiphenylamine	11.84	169	34095	4.62	ng	# 80
70) Phenanthrene	12.90	178	3862366	299.84	ng	# 93
71) Anthracene	12.96	178	1436502	112.38	ng	# 99
72) Carbazole	13.16	167	48599	4.00	ng	# 80
74) Fluoranthene	14.37	202	1841448	130.87	ng	# 96
77) Pyrene	14.66	202	2681958	179.46	ng	# 95
80) Benzo(a)anthracene	16.15	228	1316139	91.92	ng	# 81
82) Chrysene	16.19	228	948403	70.54	ng	# 98
87) Benzo(b)fluoranthene	17.46	252	938976	74.28	ng	# 94
88) Benzo(k)fluoranthene	17.46	252	943271	76.14	ng	# 98
89) Benzo(a)pyrene	17.83	252	851311	70.71	ng	# 99
90) Dibenzo(a,h)anthracene	19.37	278	82219	7.16	ng	# 93
91) Benzo(g,h,i)perylene	19.79	276	360401	31.10	ng	# 98

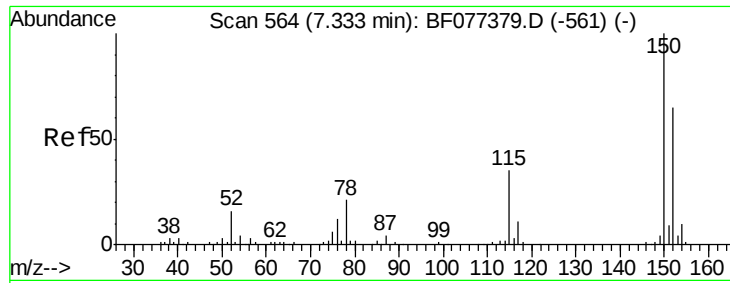
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077539.D
Acq On : 2 Mar 2015 23:12
Operator : TP/IZ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

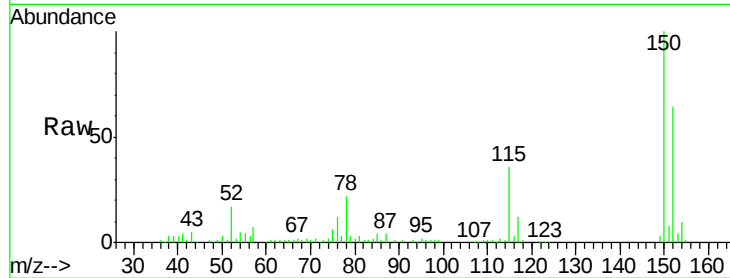
Tgt Ion:152 Resp: 59140

Ion Ratio Lower Upper

152 100

150 155.9 124.0 186.0

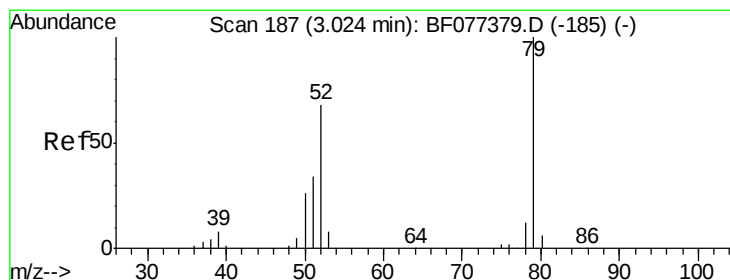
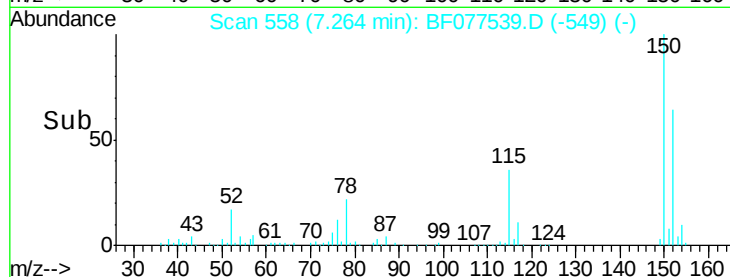
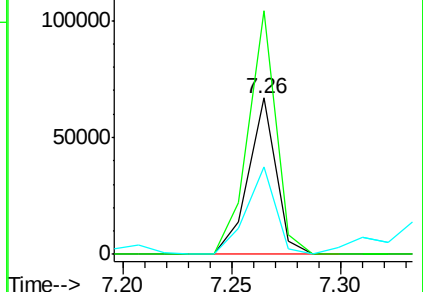
115 56.1 49.4 74.2



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: 2.43 ng

RT: 2.92 min Scan# 178

Delta R.T. -0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

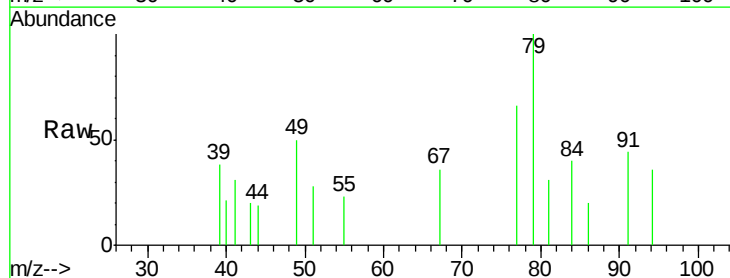
Tgt Ion: 79 Resp: 10436

Ion Ratio Lower Upper

79 100

52 0.0 57.7 86.5#

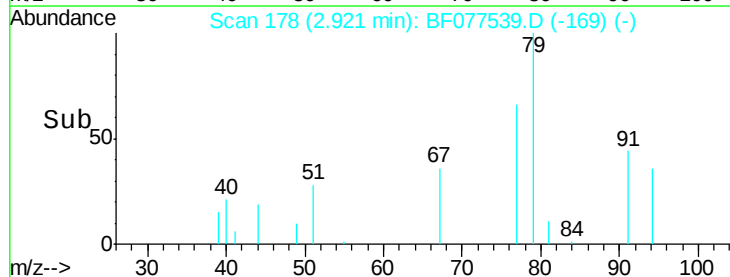
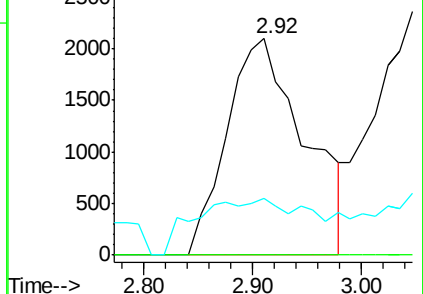
51 28.4 28.5 42.7#

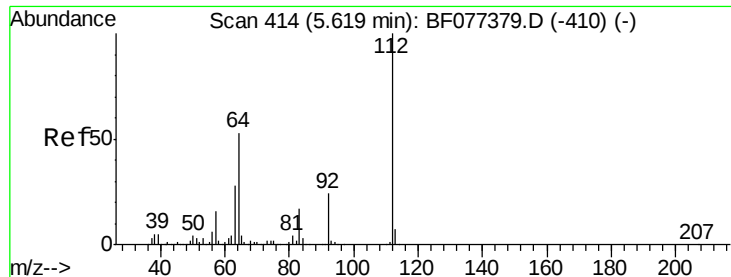


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

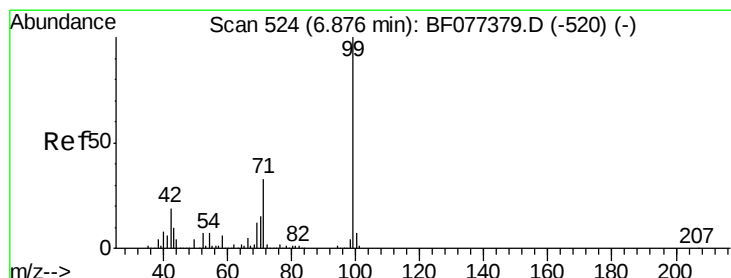
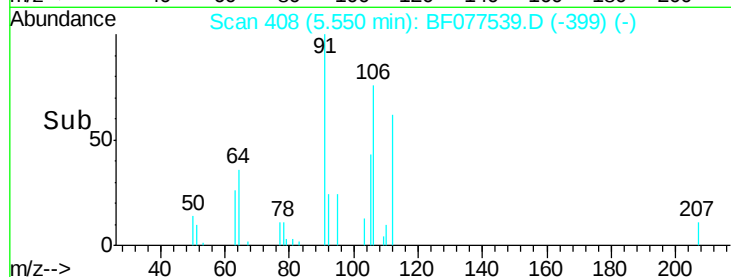
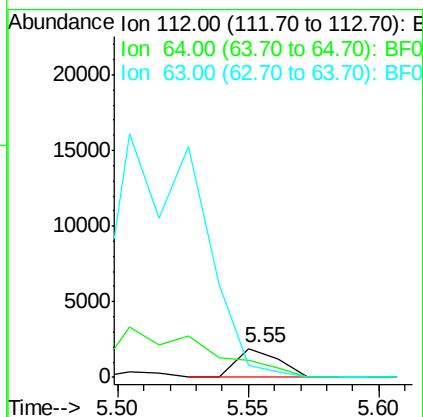
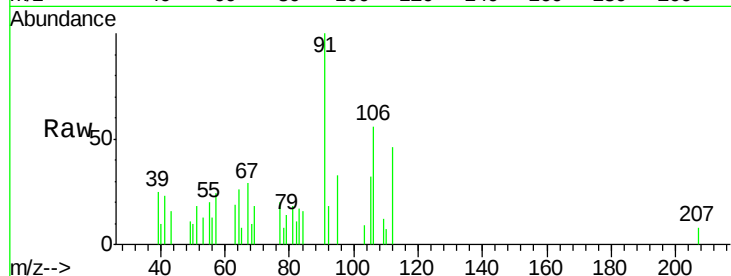




#5
 2-Fluorophenol
 Concen: 0.60 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

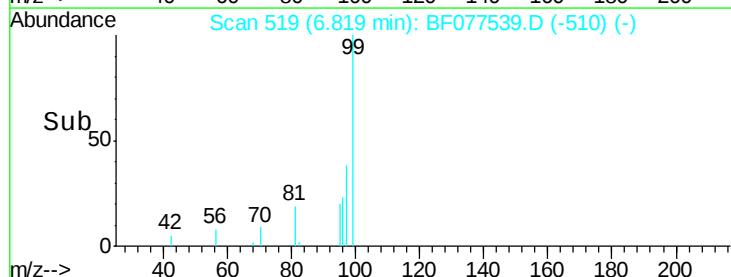
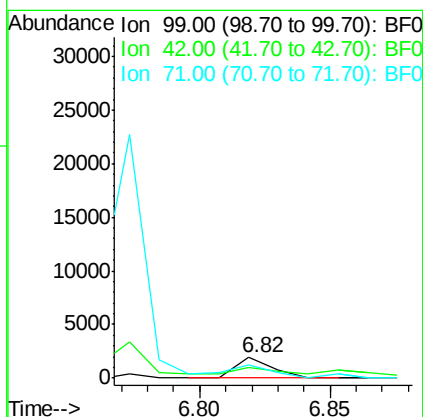
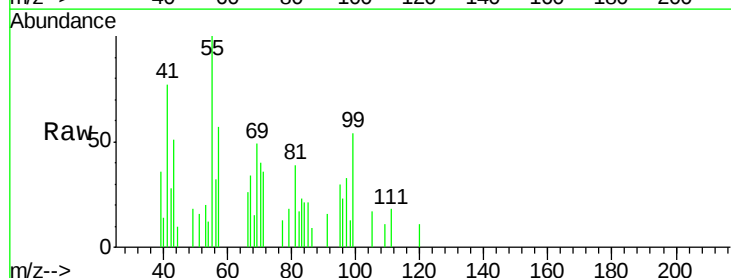
Instrument :
 BNA_F
 ClientSampled :
 MW44

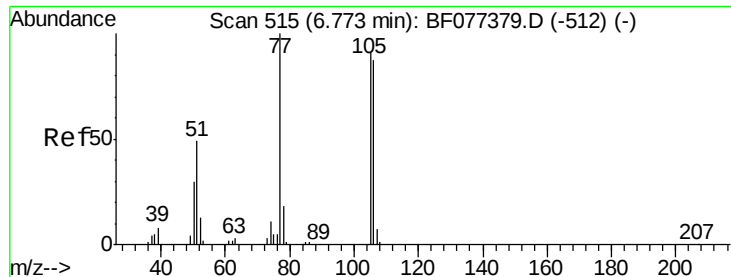
Tgt Ion: 112 Resp: 2133
 Ion Ratio Lower Upper
 112 100
 64 57.5 48.5 72.7
 63 42.2 25.0 37.4#



#7
 Phenol-d6
 Concen: 0.39 ng
 RT: 6.82 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

Tgt Ion: 99 Resp: 1779
 Ion Ratio Lower Upper
 99 100
 42 51.7 16.2 24.4#
 71 65.5 26.7 40.1#





#9

Benzaldehyde

Concen: 18.28 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampled :

MW44

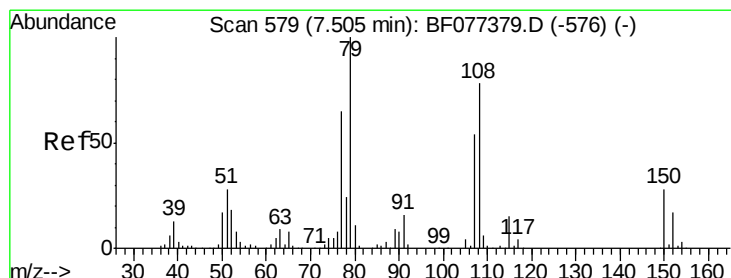
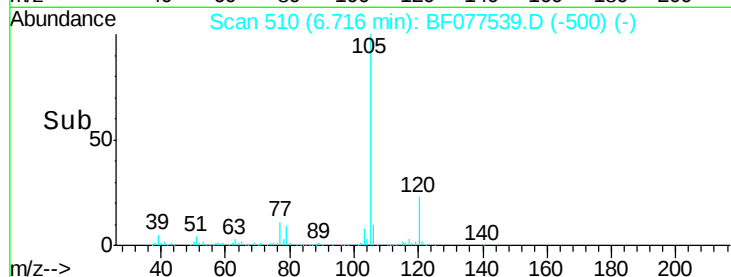
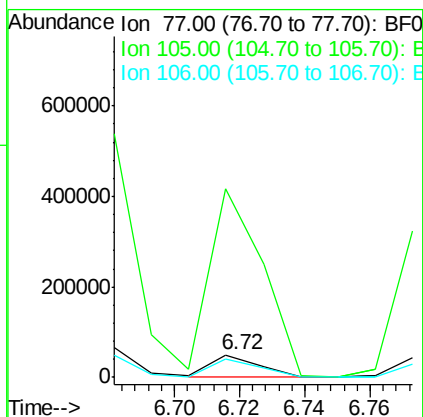
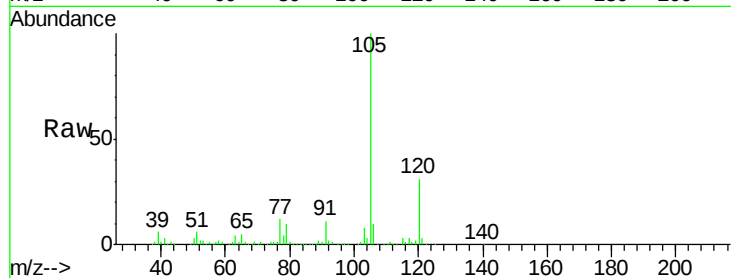
Tgt Ion: 77 Resp: 50547

Ion Ratio Lower Upper

77 100

105 833.9 85.9 125.9#

106 79.4 82.9 122.9#



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.04 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

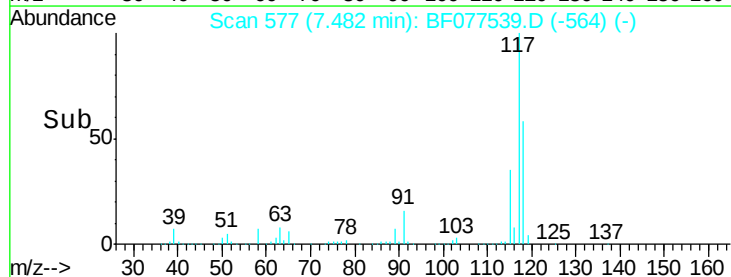
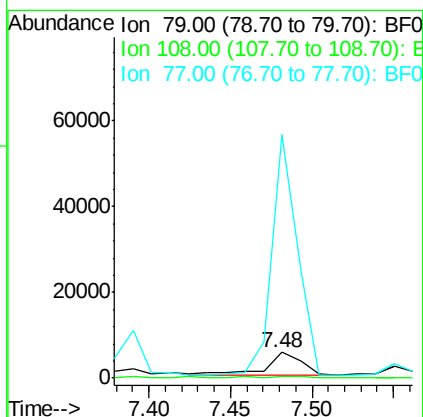
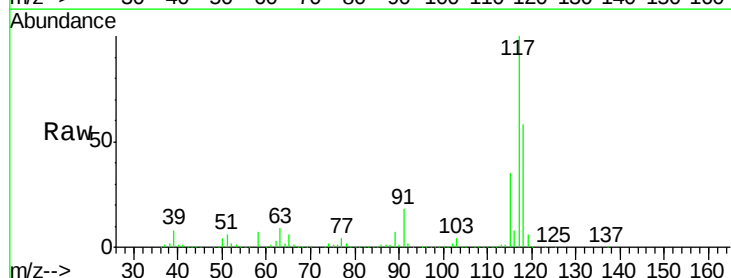
Tgt Ion: 79 Resp: 7585

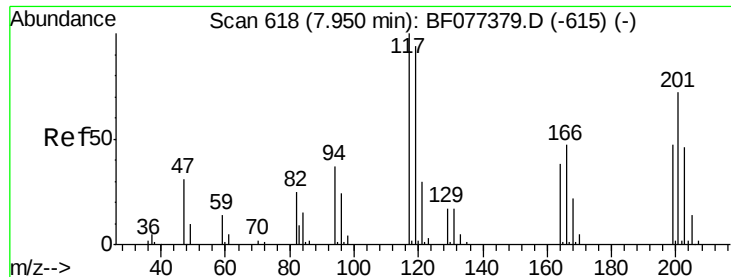
Ion Ratio Lower Upper

79 100

108 6.2 58.3 87.5#

77 953.9 51.3 76.9#

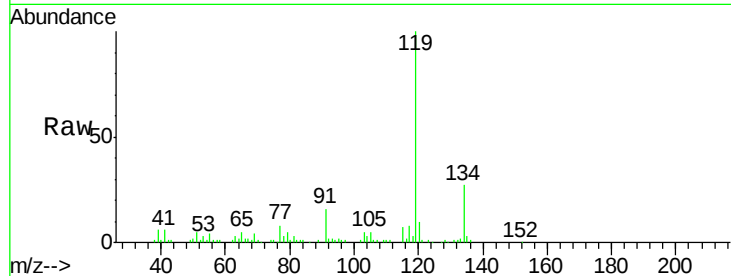




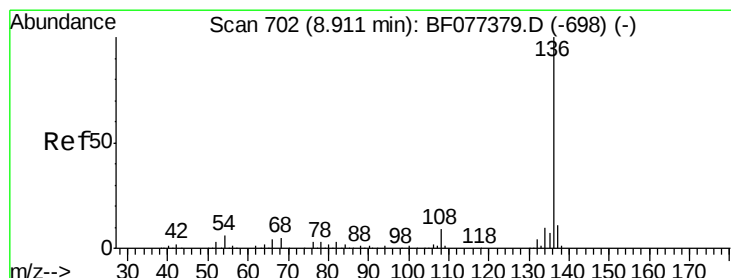
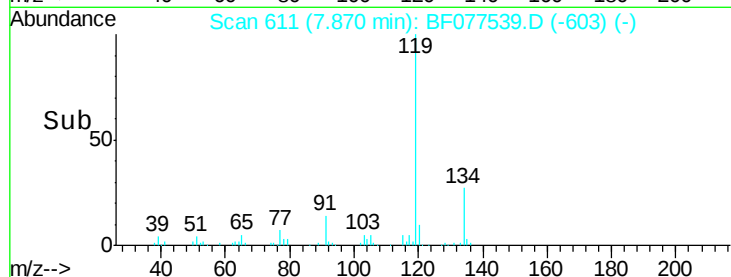
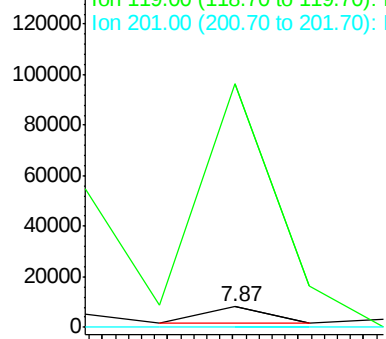
#18
Hexachloroethane
Concen: 2.96 ng
RT: 7.87 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Instrument :
BNA_F
ClientSampleId :
MW44

Tgt Ion:117 Resp: 4578
Ion Ratio Lower Upper
117 100
119 1182.4 77.8 116.8#
201 0.0 90.6 136.0#

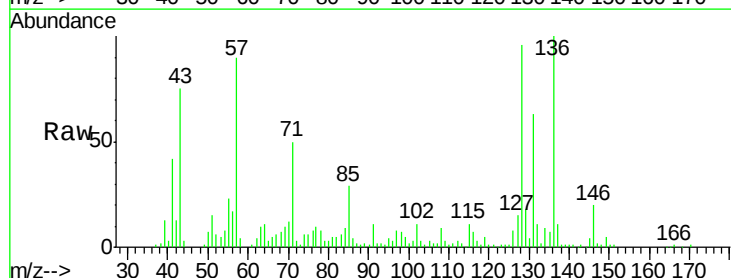


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

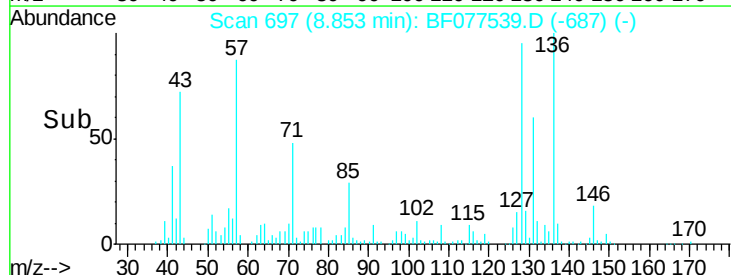
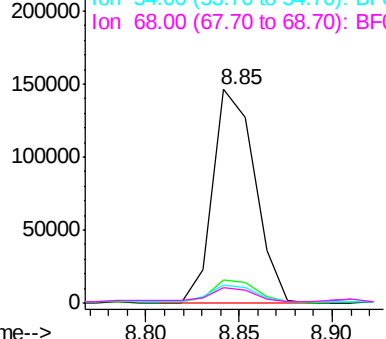


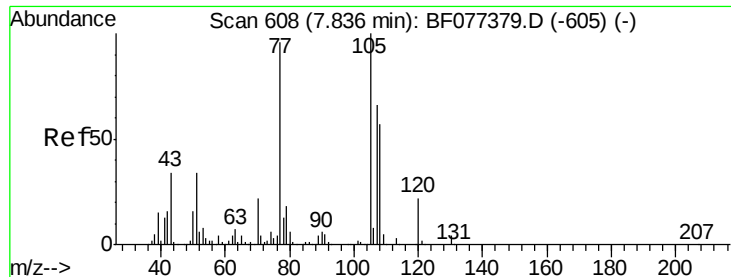
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:136 Resp: 229891
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.4 6.2 9.4
68 7.1 5.0 7.6



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

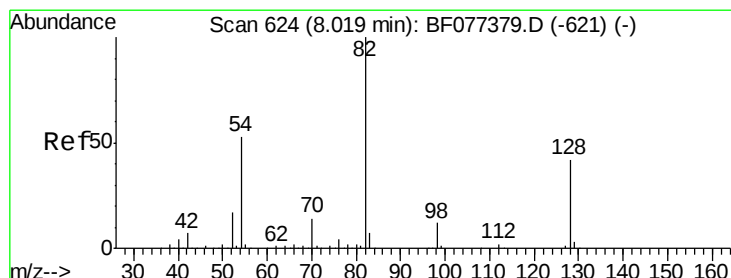
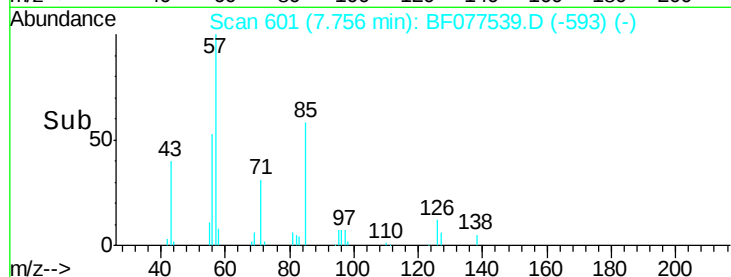
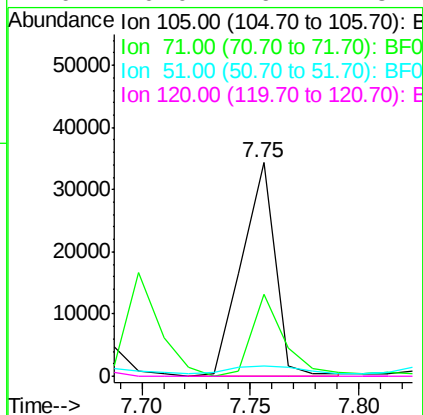
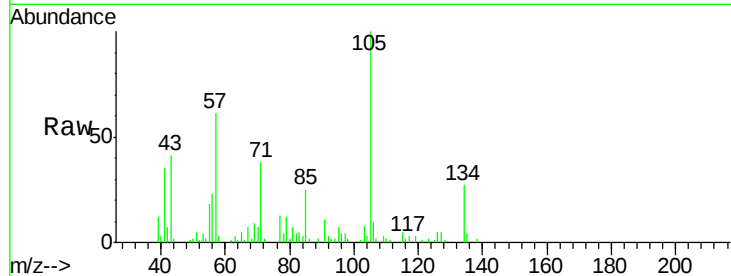




#22
Acetophenone
Concen: 6.80 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

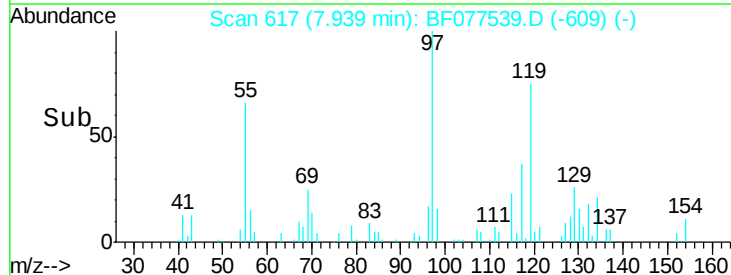
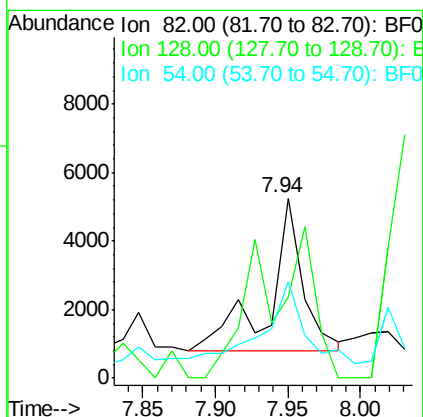
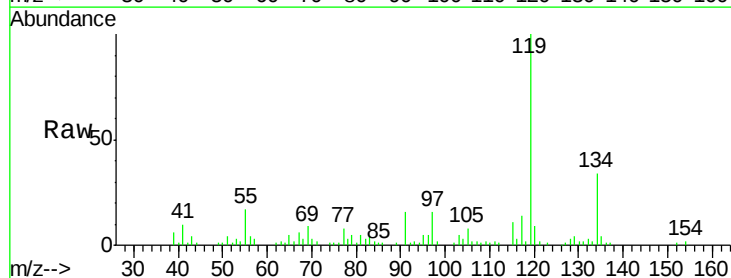
Instrument :
BNA_F
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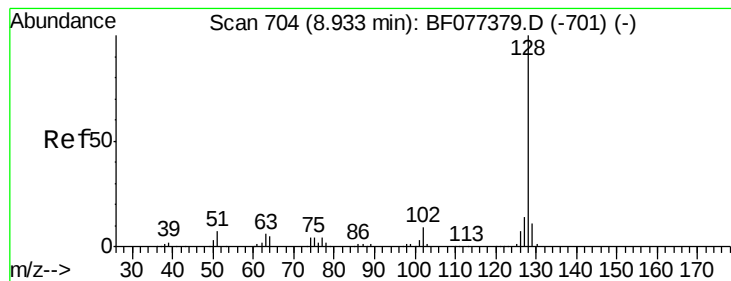
Tgt Ion: 105 Resp: 36785
Ion Ratio Lower Upper
105 100
71 38.2 1.7 2.5#
51 4.8 30.7 46.1#
120 0.0 16.7 25.1#



#23
Nitrobenzene-d5
Concen: 1.94 ng
RT: 7.94 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion: 82 Resp: 7173
Ion Ratio Lower Upper
82 100
128 104.7 43.8 65.8#
54 92.3 36.7 55.1#





#31

Naphthalene

Concen: 675.68 ng

RT: 8.88 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

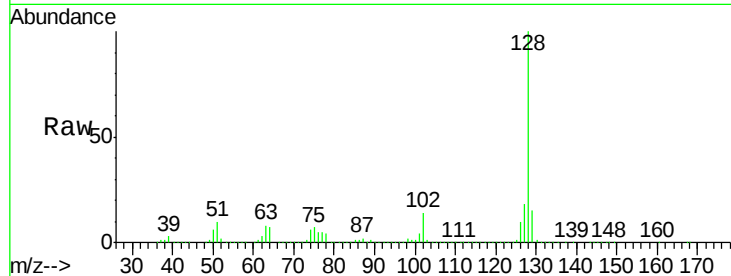
Tgt Ion:128 Resp: 7767920

Ion Ratio Lower Upper

128 100

129 15.2 9.4 14.0#

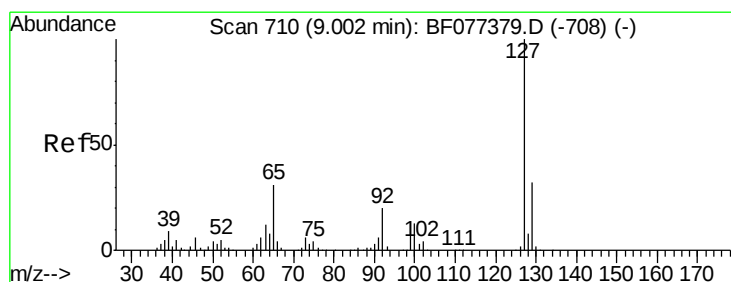
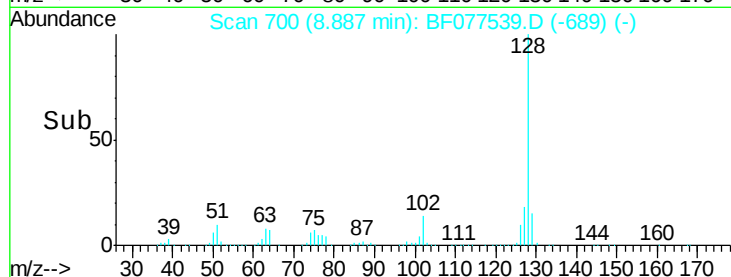
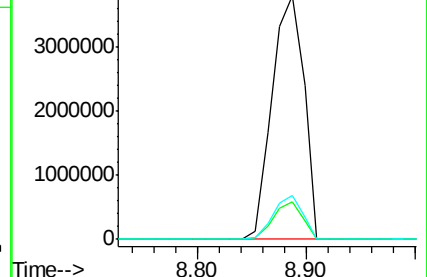
127 18.0 10.6 15.8#



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



#33

4-Chloroaniline

Concen: 214.36 ng

RT: 8.88 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Tgt Ion:127 Resp: 1095731

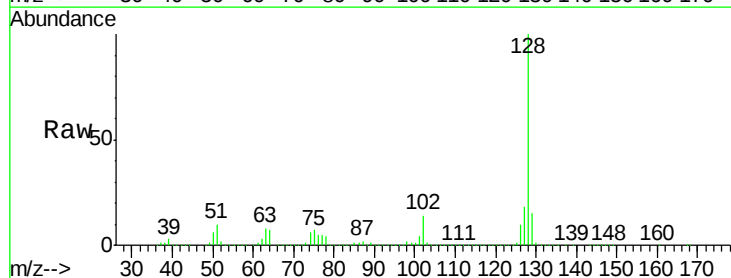
Ion Ratio Lower Upper

127 100

129 84.8 26.9 40.3#

65 0.0 16.7 25.1#

92 0.1 12.5 18.7#

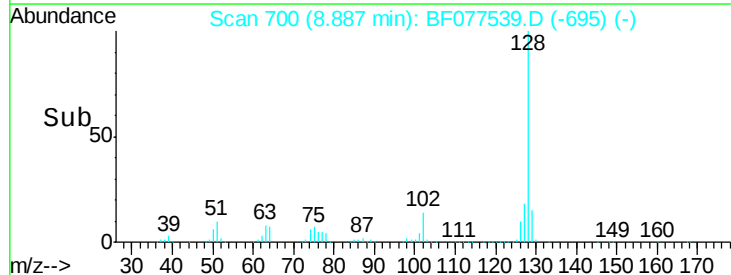
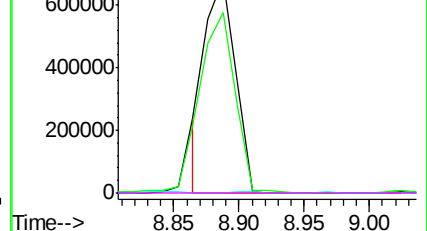


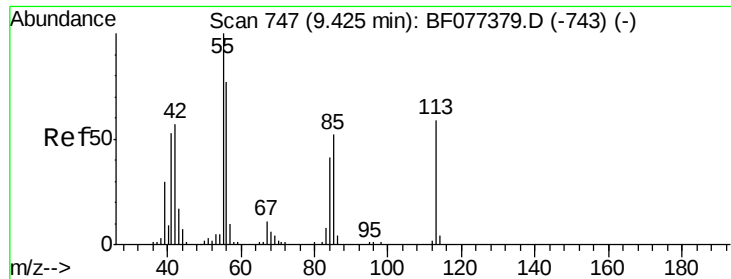
Abundance Ion 127.00 (126.70 to 127.70): E

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: 7.33 ng

RT: 9.40 min Scan# 745

Delta R.T. 0.04 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

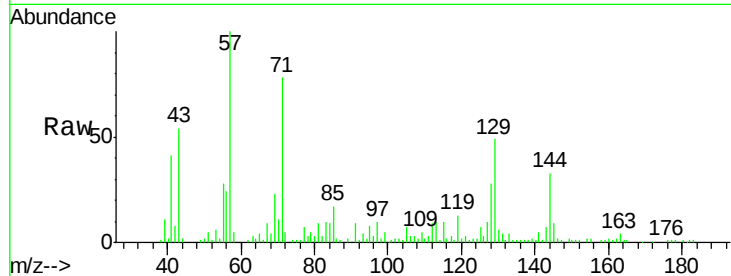
Tgt Ion:113 Resp: 7492

Ion Ratio Lower Upper

113 100

55 279.1 154.6 194.6#

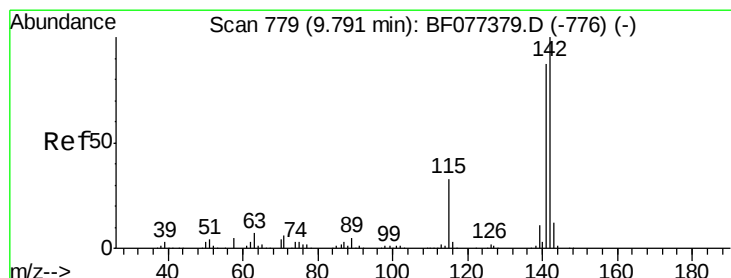
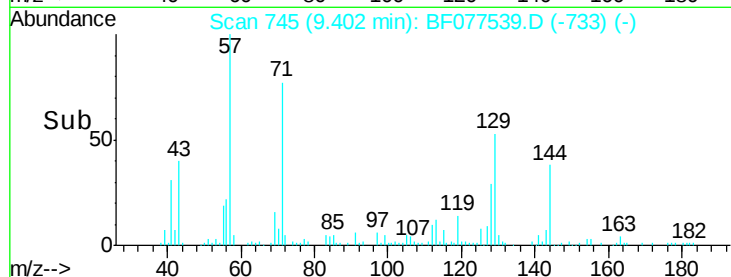
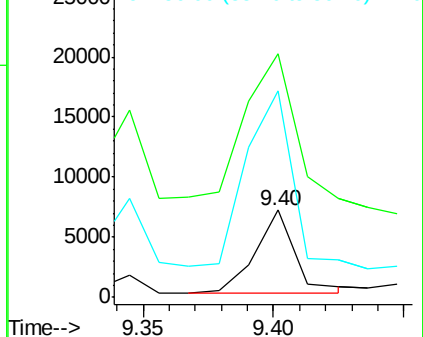
56 236.3 114.0 154.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 346.35 ng

RT: 9.74 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

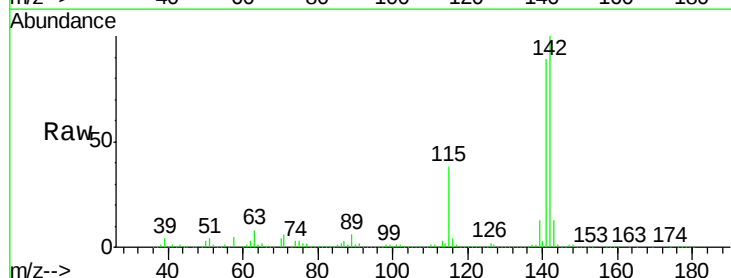
Tgt Ion:142 Resp: 2827652

Ion Ratio Lower Upper

142 100

141 89.3 70.7 106.1

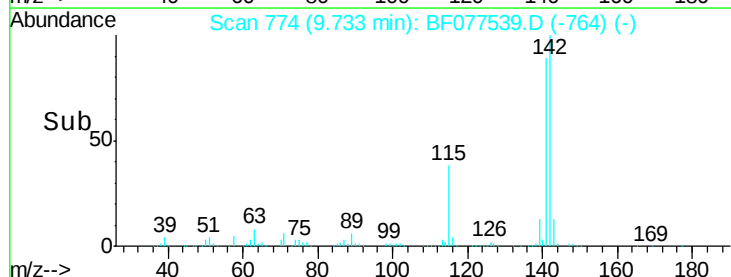
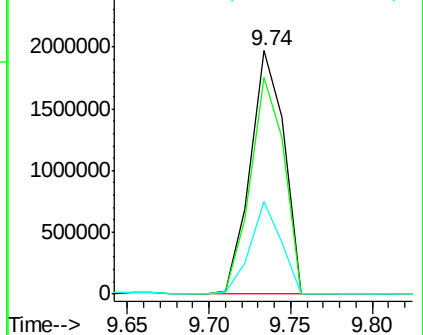
115 38.2 24.2 36.4#

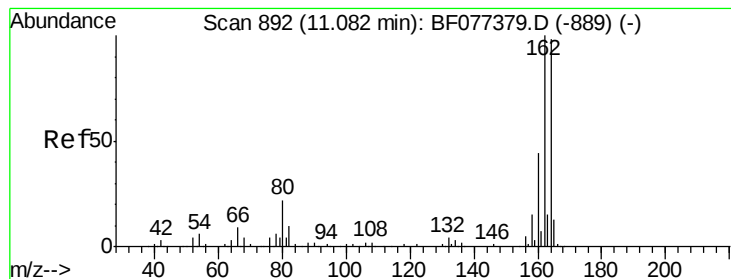


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

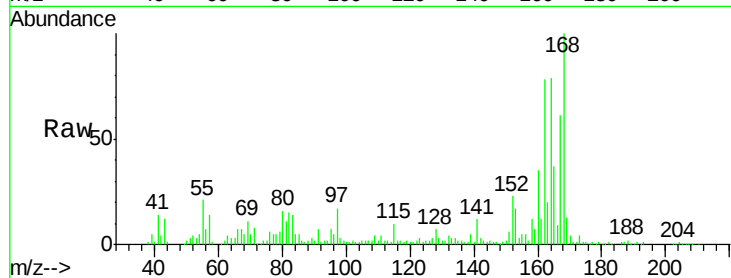
Tgt Ion:164 Resp: 114483

Ion Ratio Lower Upper

164 100

162 99.2 83.2 124.8

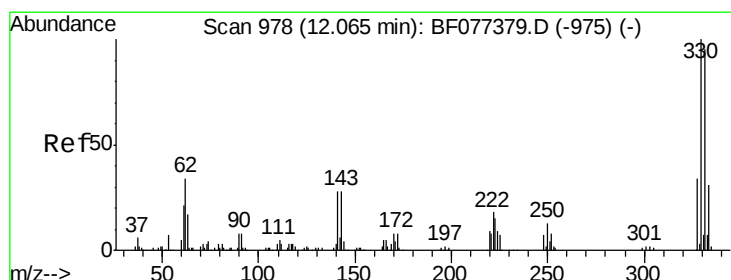
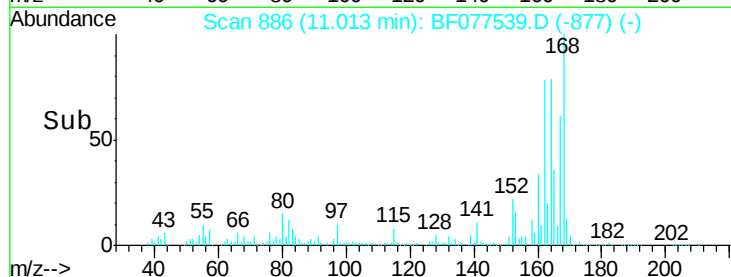
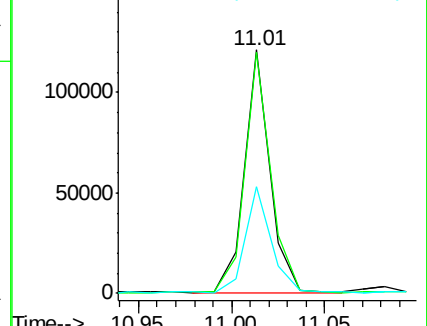
160 44.0 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 1.32 ng

RT: 11.99 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

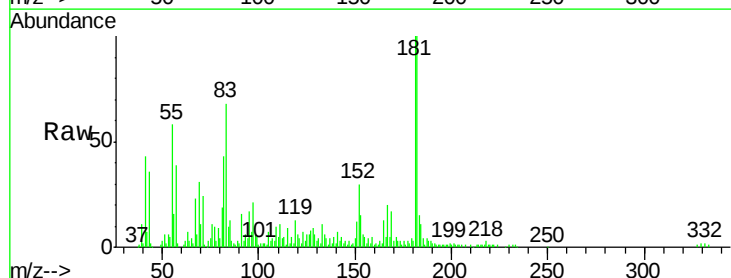
Tgt Ion:330 Resp: 1458

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

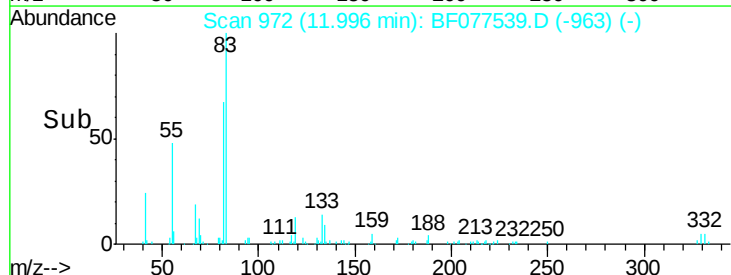
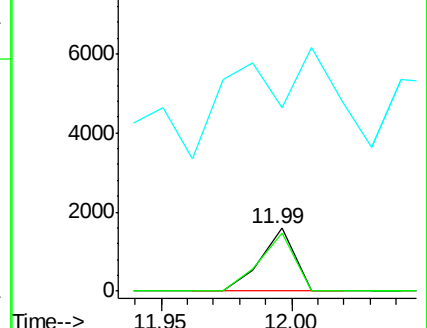
141 432.6 28.8 43.2#

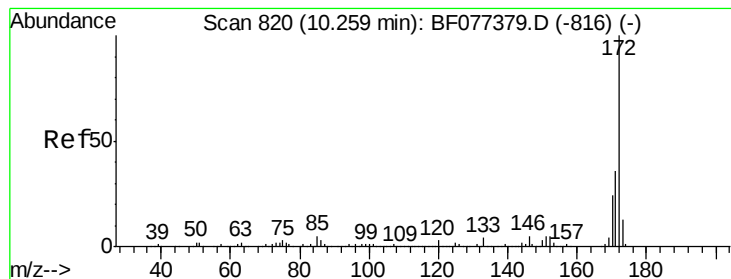


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 1.76 ng

RT: 10.18 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

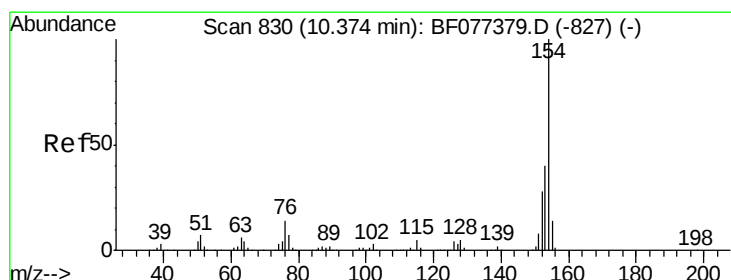
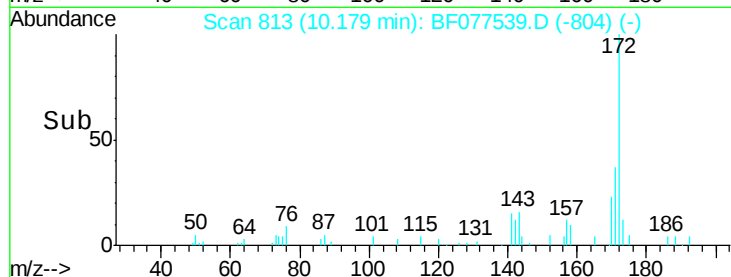
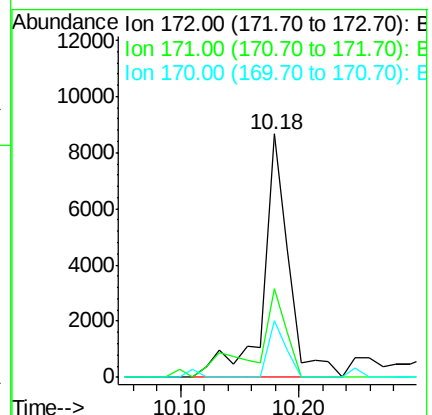
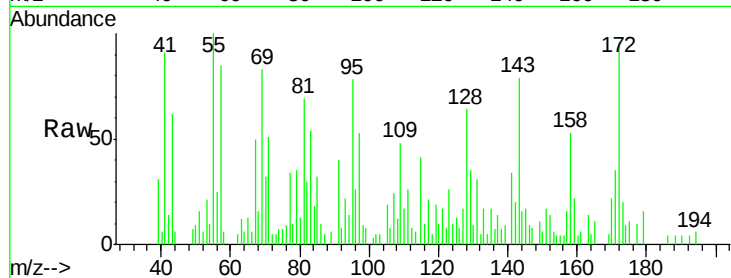
Tgt Ion:172 Resp: 12939

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

170 23.2 19.4 29.2



#45

1,1'-Biphenyl

Concen: 77.71 ng

RT: 10.31 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

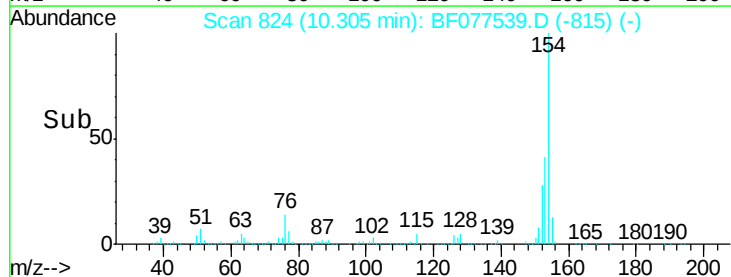
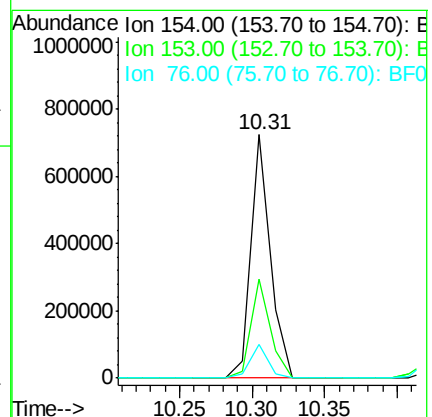
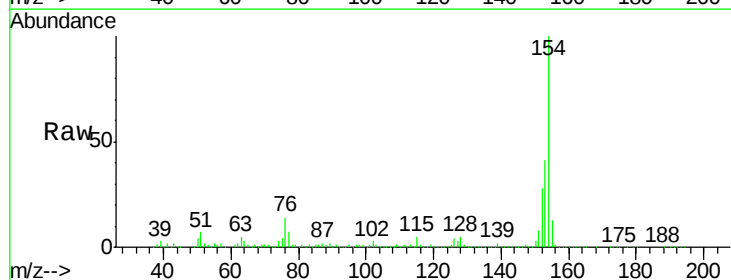
Tgt Ion:154 Resp: 673980

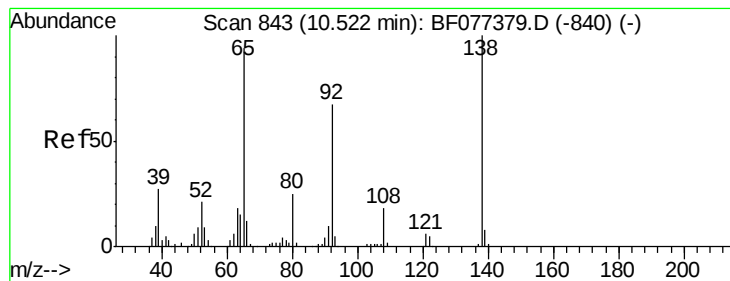
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 14.1 0.0 29.4





#47

2-Nitroaniline

Concen: 9.17 ng

RT: 10.41 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

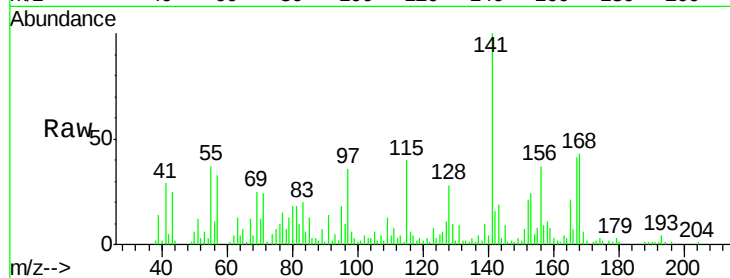
Tgt Ion: 65 Resp: 15350

Ion Ratio Lower Upper

65 100

92 34.9 52.4 78.6#

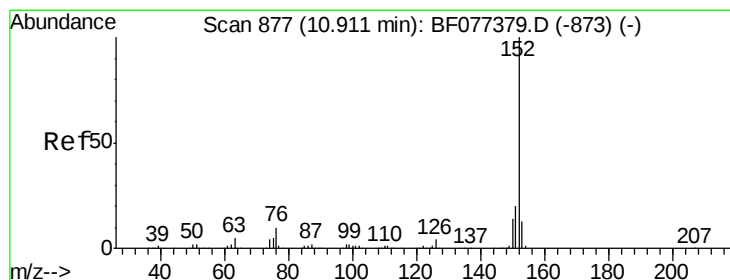
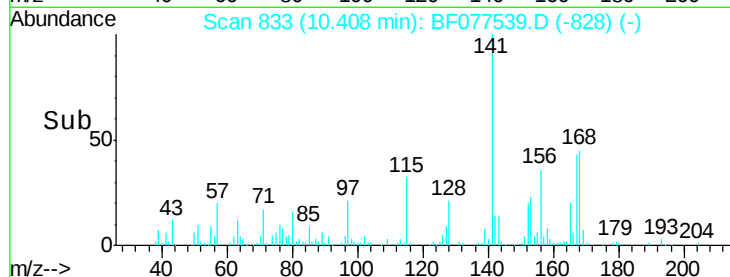
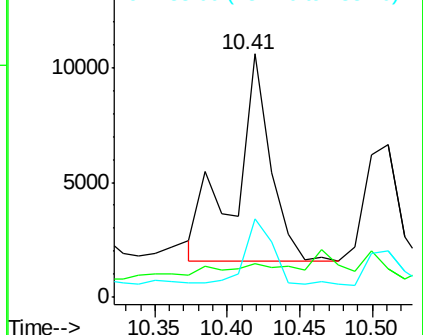
138 29.2 73.4 110.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.48 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

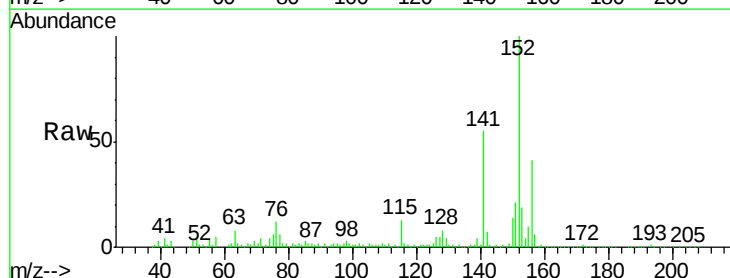
Tgt Ion: 152 Resp: 425146

Ion Ratio Lower Upper

152 100

151 20.9 16.1 24.1

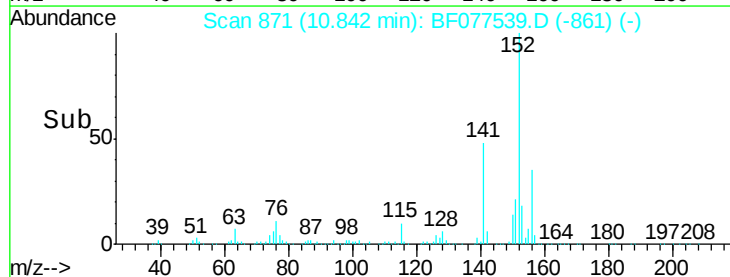
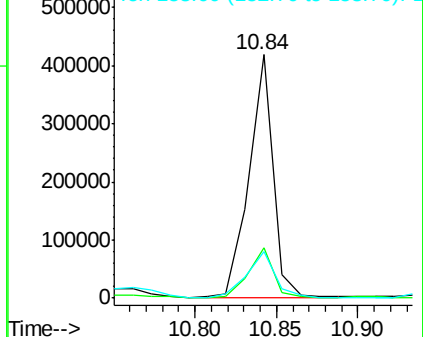
153 19.0 10.9 16.3#

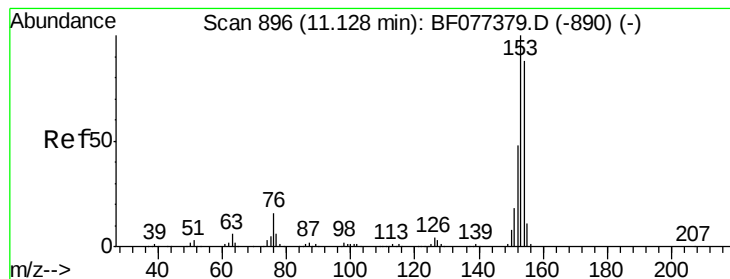


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 183.98 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

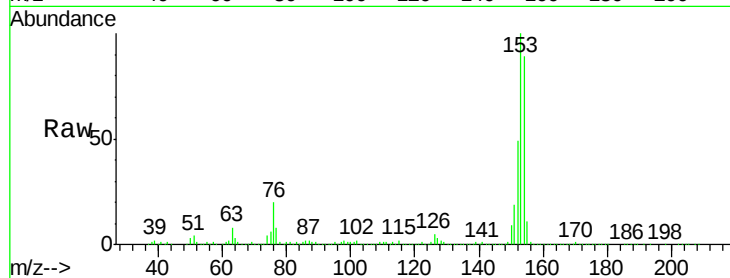
Tgt Ion:154 Resp: 1182268

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

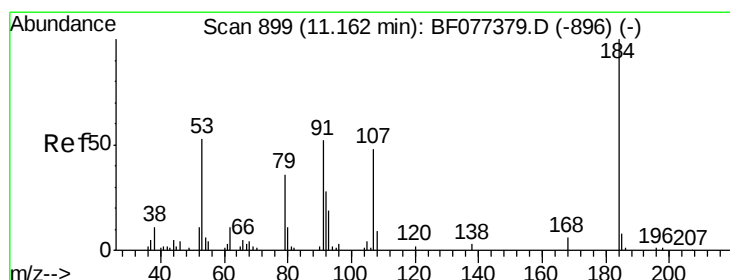
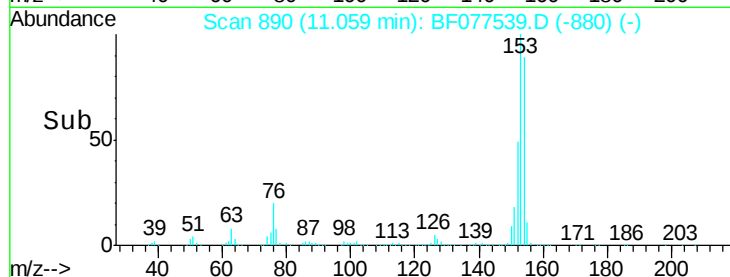
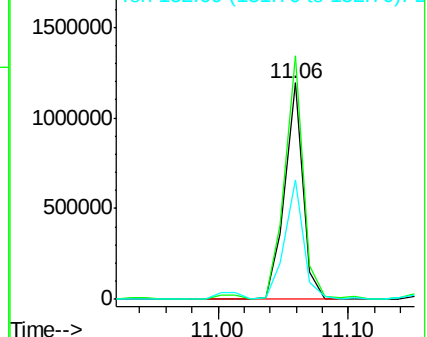
152 55.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 3.93 ng

RT: 11.11 min Scan# 895

Delta R.T. 0.02 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

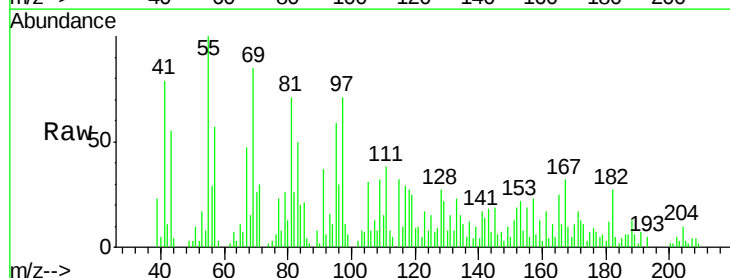
Tgt Ion:184 Resp: 1930

Ion Ratio Lower Upper

184 100

63 292.6 29.5 44.3#

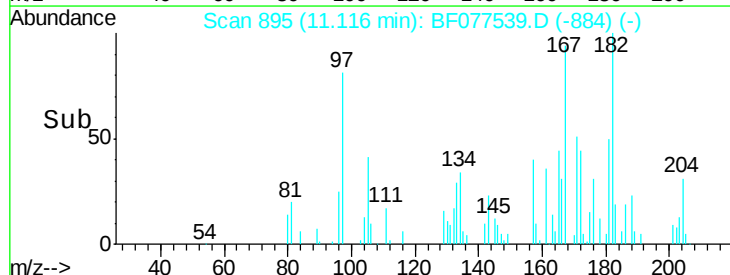
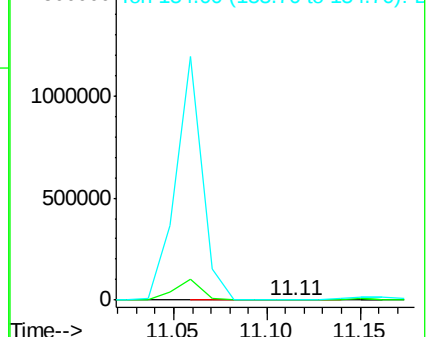
154 333.1 43.2 64.8#

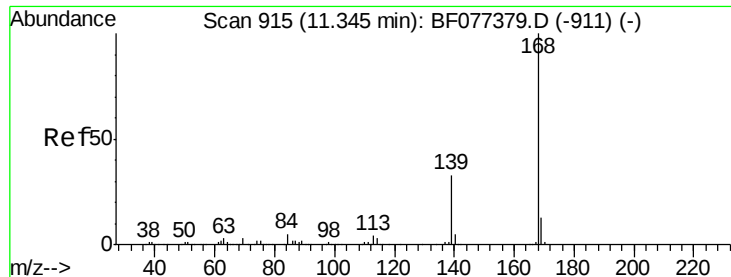


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

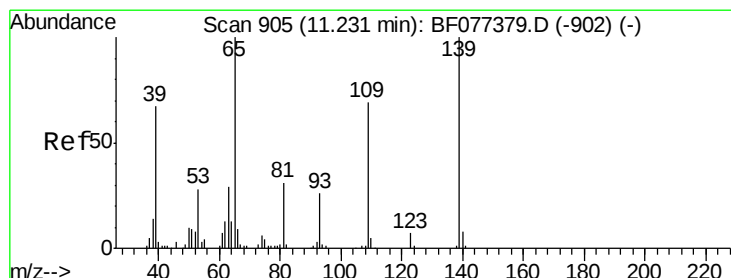
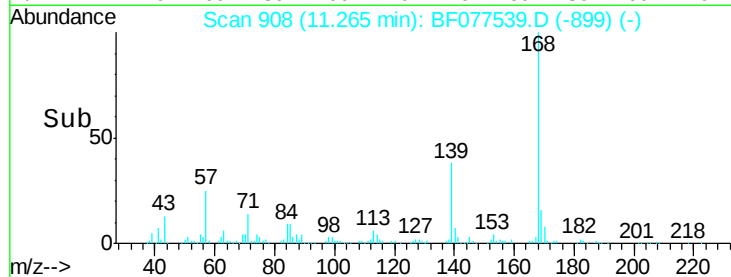
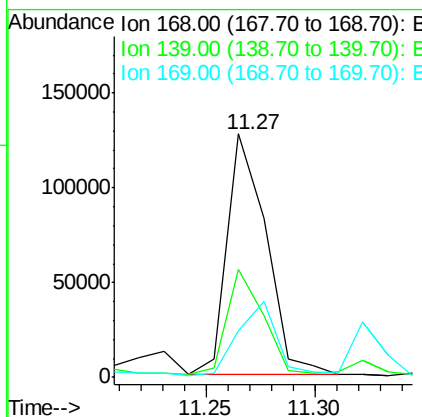
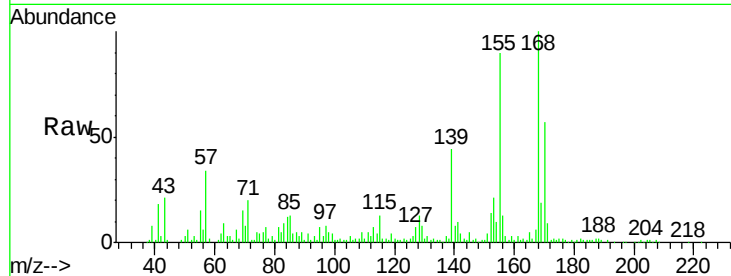




#54
Dibenzenofuran
Concen: 15.98 ng
RT: 11.27 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

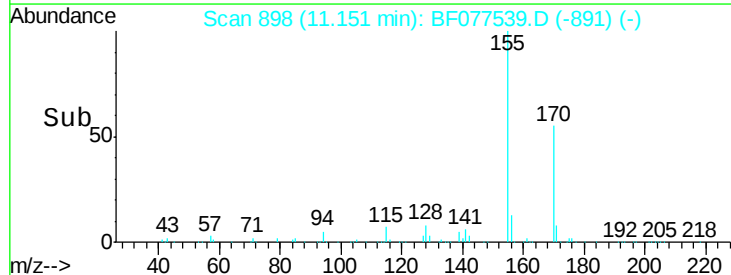
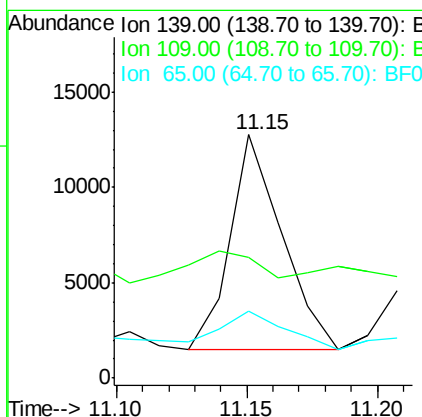
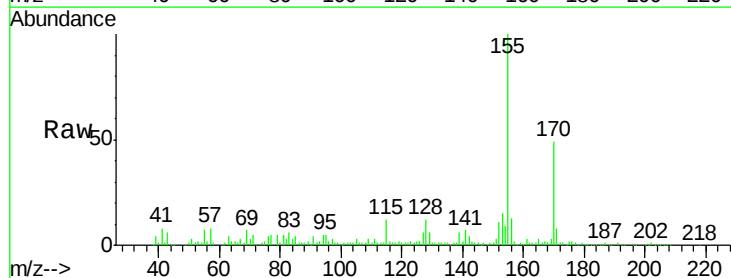
Instrument :
BNA_F
ClientSampleId :
MW44

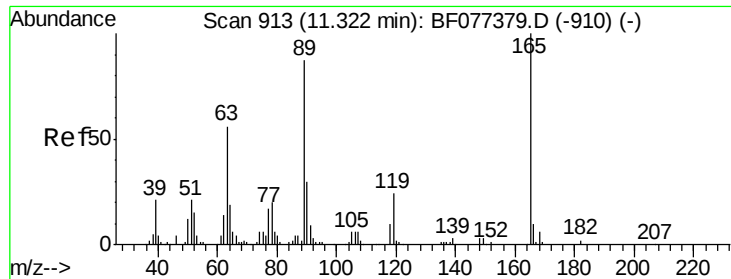
Tgt Ion:168 Resp: 158533
Ion Ratio Lower Upper
168 100
139 44.3 29.3 43.9#
169 19.0 10.9 16.3#



#55
4-Nitrophenol
Concen: 10.58 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:139 Resp: 15830
Ion Ratio Lower Upper
139 100
109 49.3 36.2 76.2
65 27.4 40.3 80.3#

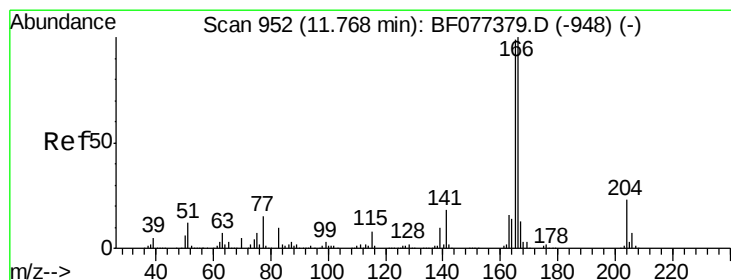
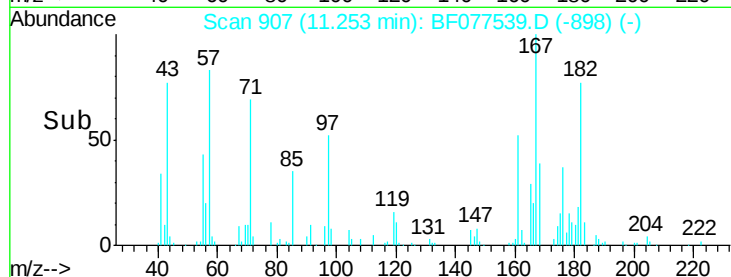
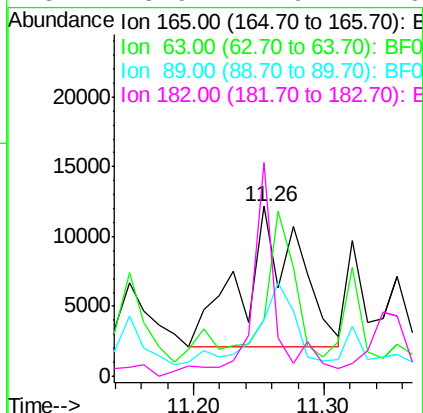
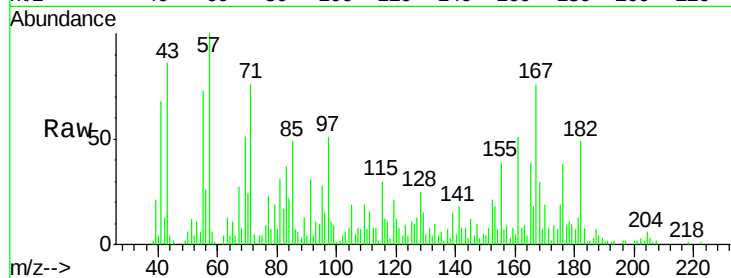




#56
2,4-Dinitrotoluene
Concen: 13.93 ng
RT: 11.26 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

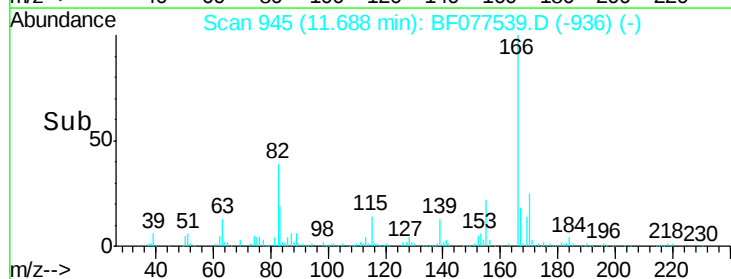
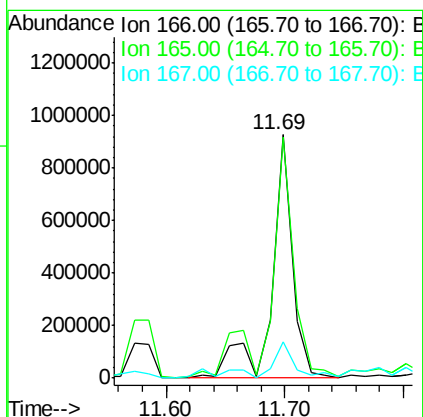
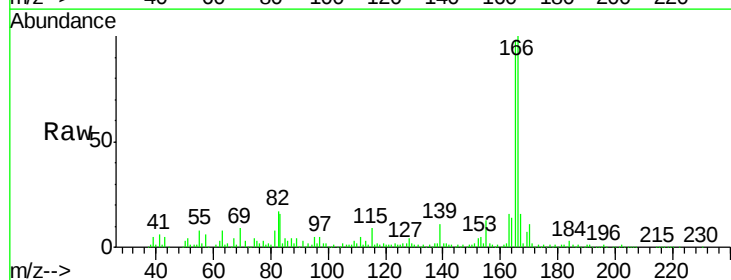
Instrument :
BNA_F
ClientSampled :
MW44

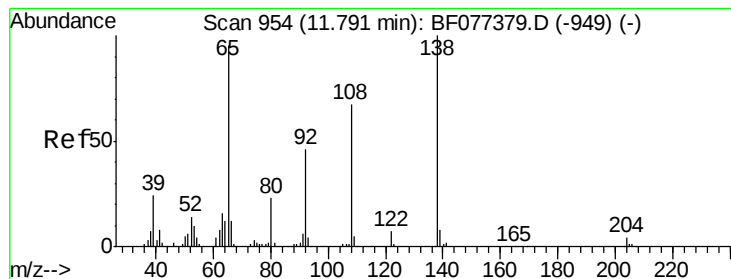
Tgt Ion:165 Resp: 30383
Ion Ratio Lower Upper
165 100
63 33.0 29.8 44.8
89 33.5 48.5 72.7#
182 125.9 1.9 2.9#



#57
Fluorene
Concen: 143.47 ng
RT: 11.69 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:166 Resp: 1138060
Ion Ratio Lower Upper
166 100
165 98.1 77.6 116.4
167 15.8 10.6 16.0





#61

4-Nitroaniline

Concen: 6.45 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

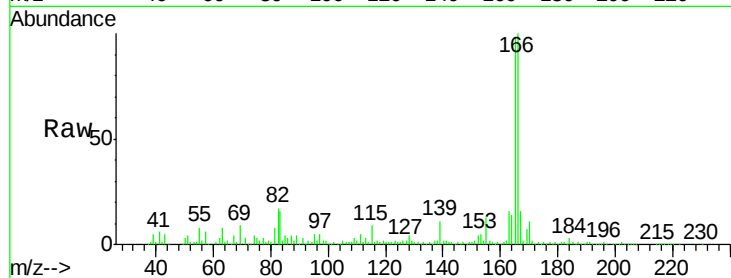
Tgt Ion:138 Resp: 11507

Ion Ratio Lower Upper

138 100

92 28.6 32.8 72.8#

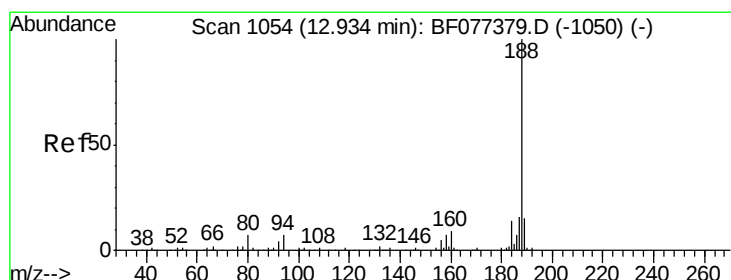
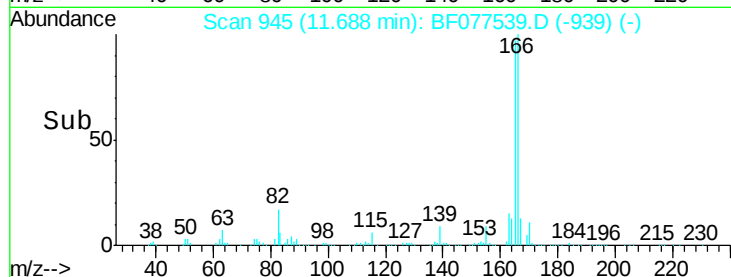
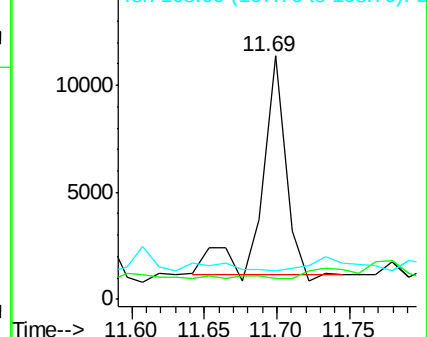
108 37.1 52.1 92.1#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.86 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

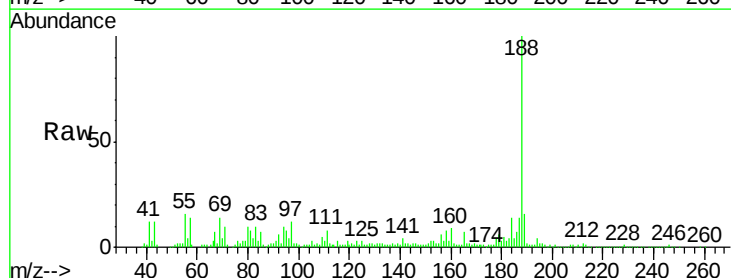
Tgt Ion:188 Resp: 222248

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

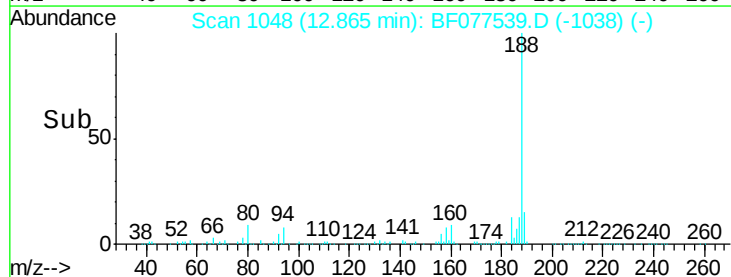
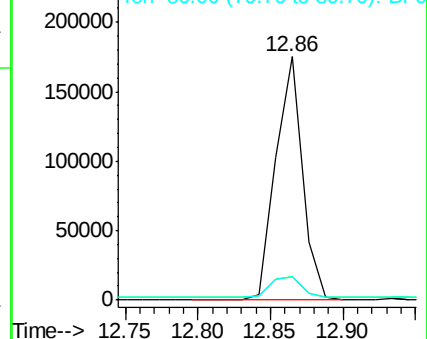
80 9.8 8.0 12.0

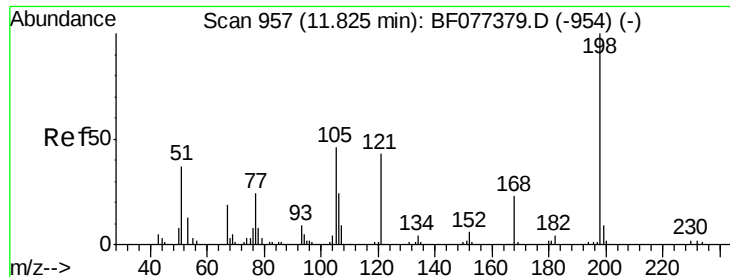


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.42 ng

RT: 11.75 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampled :

MW44

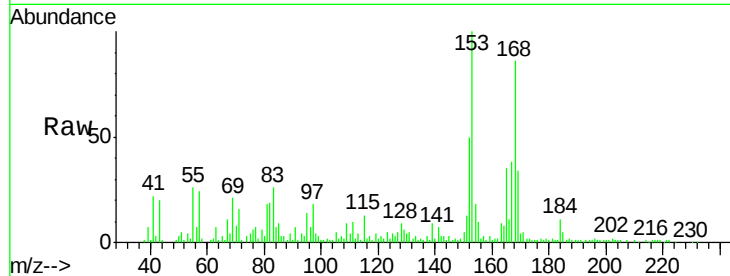
Tgt Ion:198 Resp: 1645

Ion Ratio Lower Upper

198 100

51 962.6 2.7 42.7#

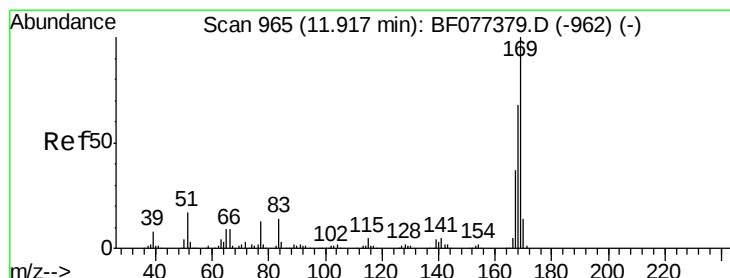
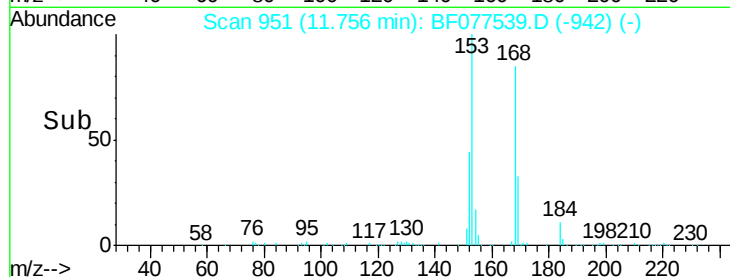
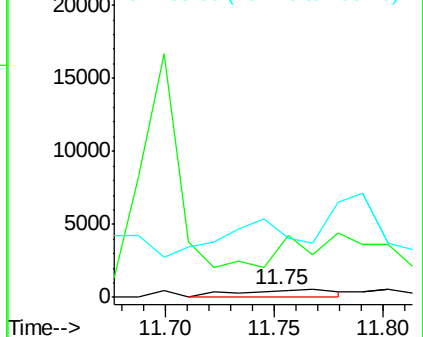
105 921.1 10.0 50.0#



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: 4.62 ng

RT: 11.84 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

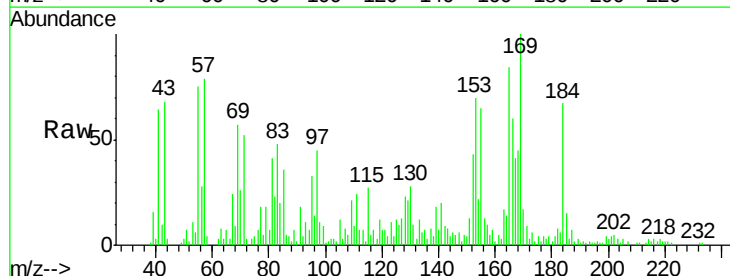
Tgt Ion:169 Resp: 34095

Ion Ratio Lower Upper

169 100

168 44.5 53.0 79.6#

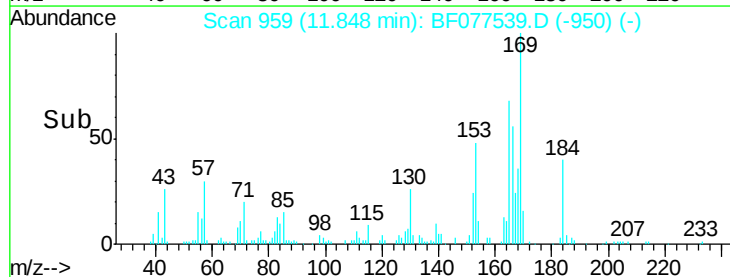
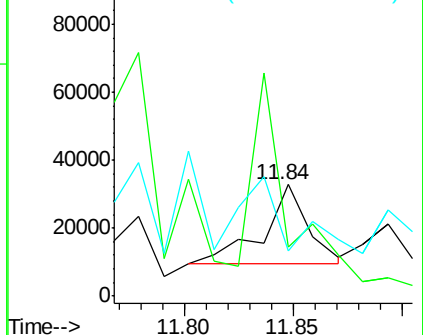
167 40.5 29.5 44.3

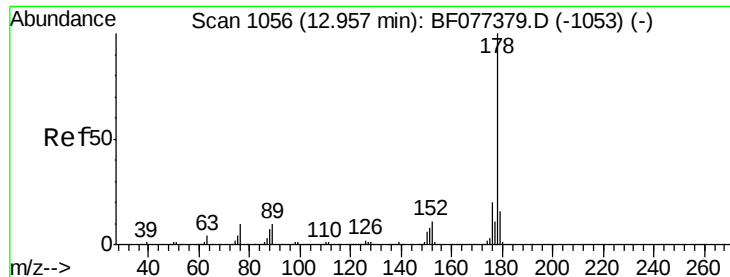


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

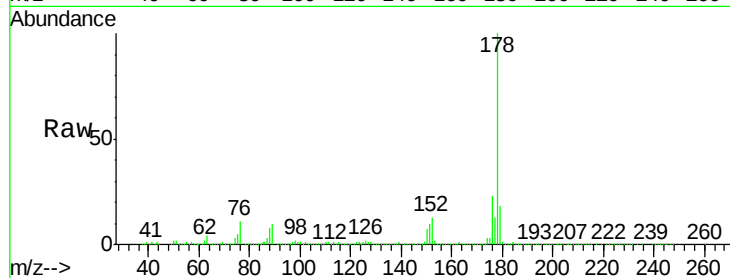




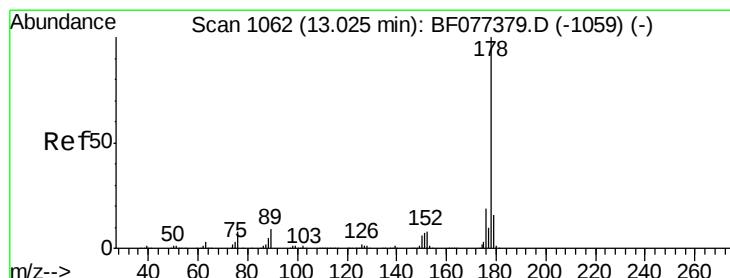
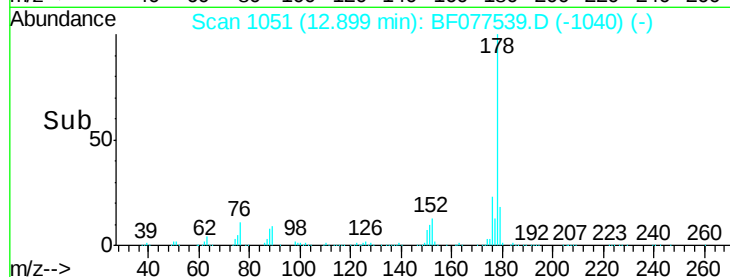
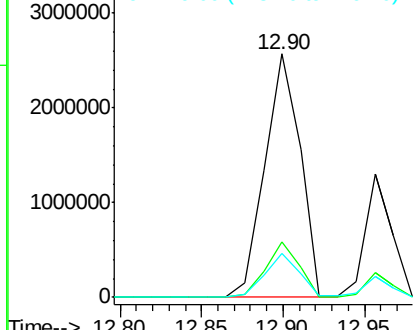
#70
Phenanthrene
Concen: 299.84 ng
RT: 12.90 min Scan# 1051
Delta R.T. 0.02 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Instrument :
BNA_F
ClientSampleId :
MW44

Tgt Ion:178 Resp: 3862366
Ion Ratio Lower Upper
178 100
176 22.6 15.5 23.3
179 18.2 12.2 18.2

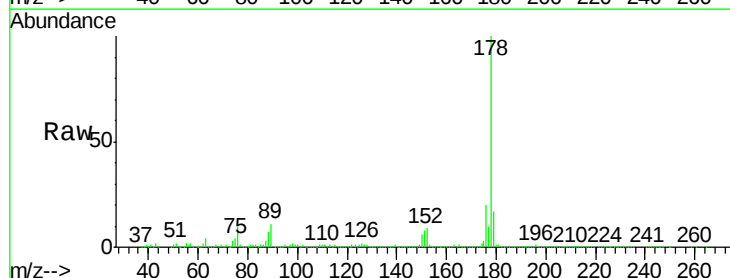


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

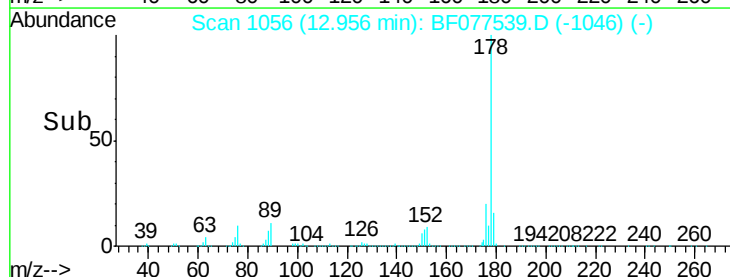
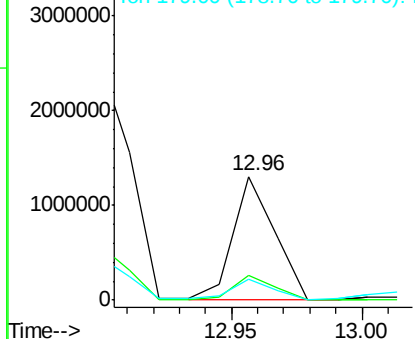


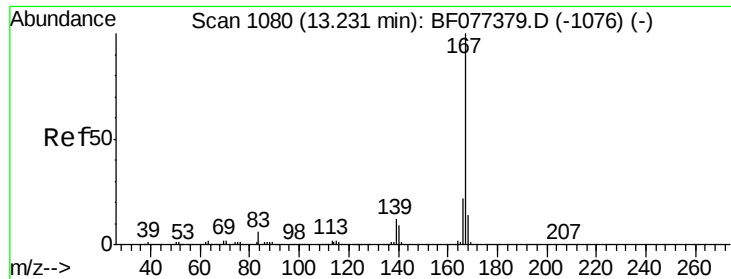
#71
Anthracene
Concen: 112.38 ng
RT: 12.96 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:178 Resp: 1436502
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.7 12.9 19.3



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

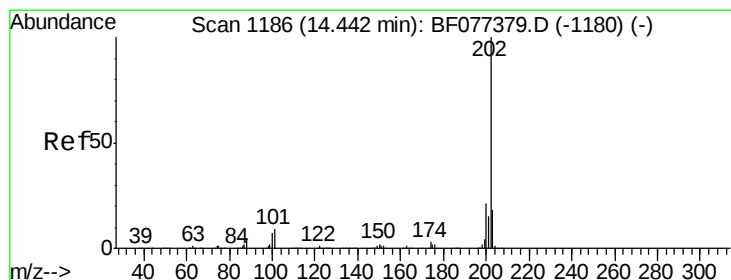
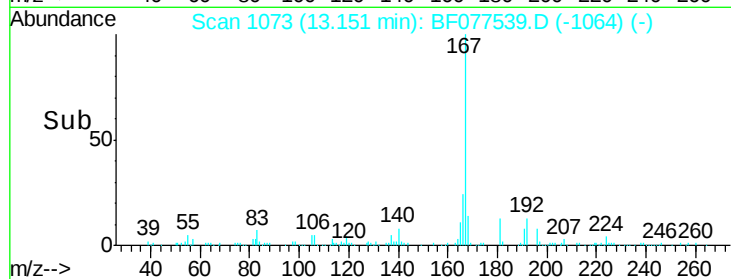
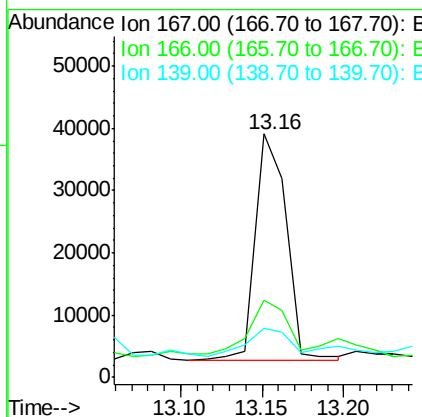
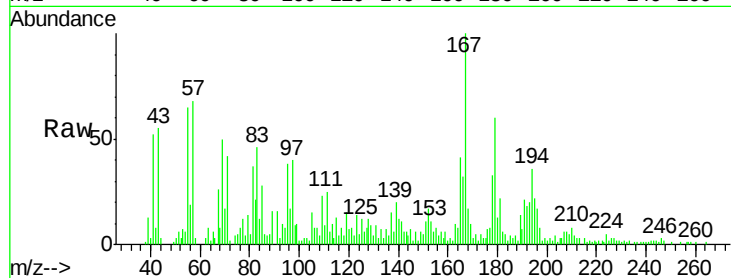




#72
 Carbazole
 Concen: 4.00 ng
 RT: 13.16 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

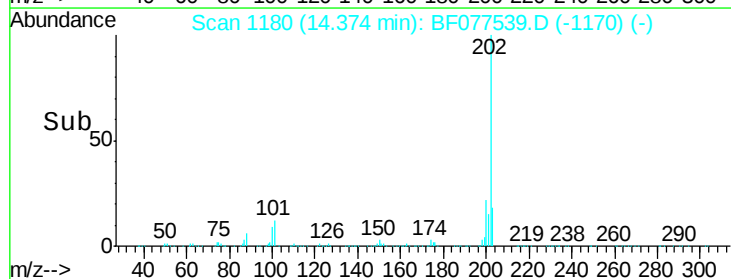
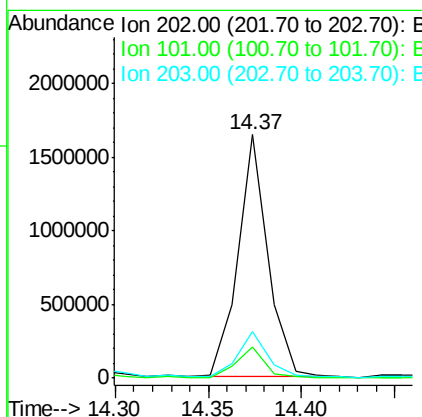
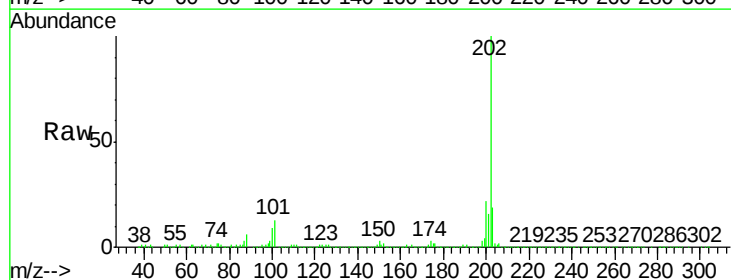
Instrument :
 BNA_F
 ClientSampleId :
 MW44

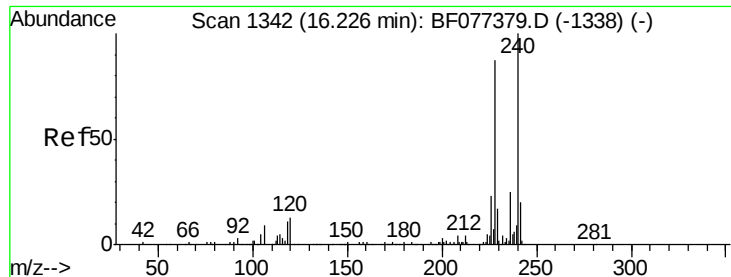
Tgt Ion:167 Resp: 48599
 Ion Ratio Lower Upper
 167 100
 166 31.9 17.6 26.4#
 139 20.0 9.9 14.9#



#74
 Fluoranthene
 Concen: 130.87 ng
 RT: 14.37 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

Tgt Ion:202 Resp: 1841448
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 30.8
 203 19.2 0.0 37.7

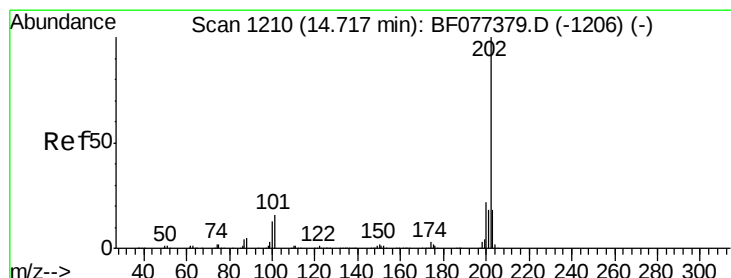
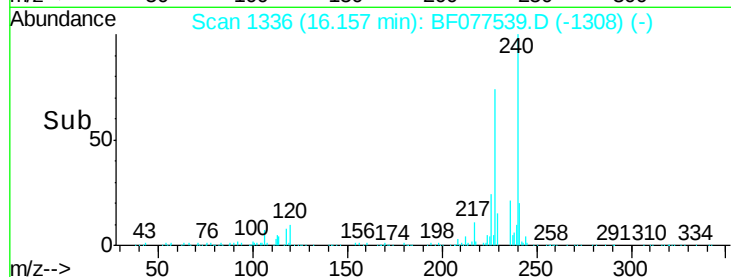
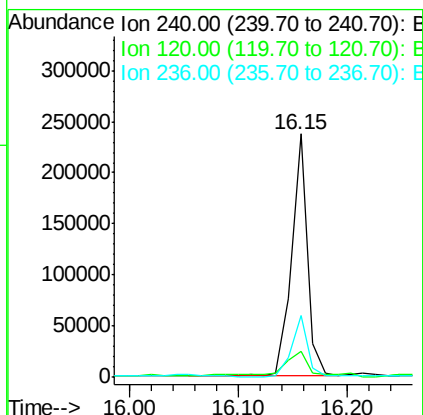
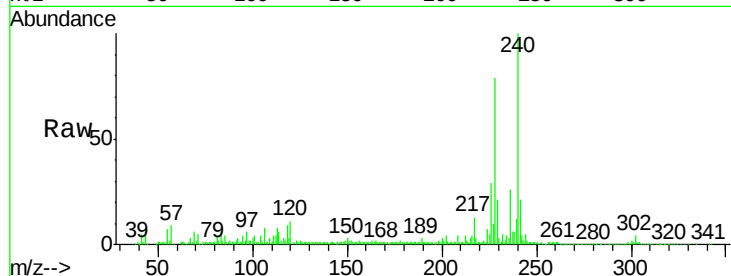




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

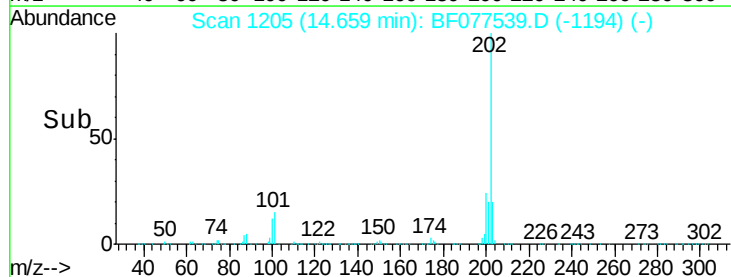
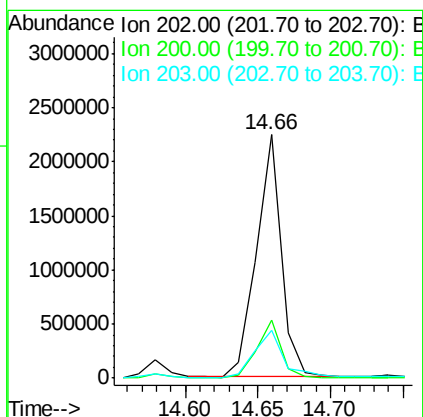
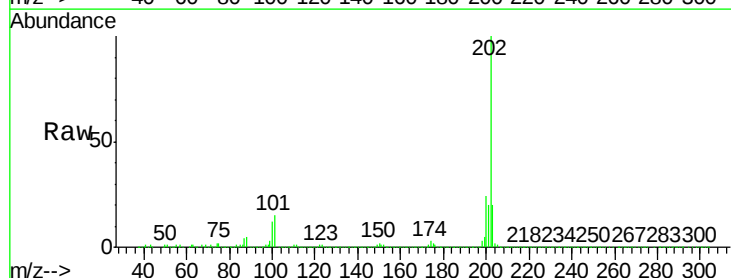
Instrument :
BNA_F
ClientSampleId :
MW44

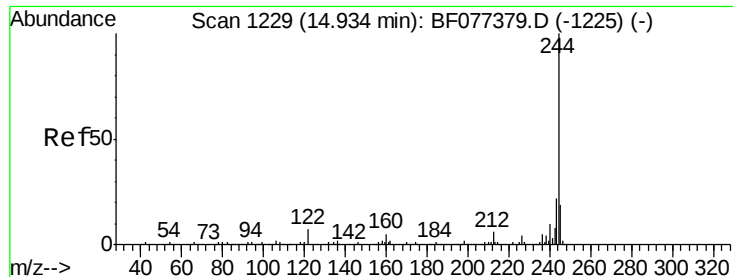
Tgt Ion:240 Resp: 244309
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.6 20.7 31.1



#77
Pyrene
Concen: 179.46 ng
RT: 14.66 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:202 Resp: 2681958
Ion Ratio Lower Upper
202 100
200 23.8 17.1 25.7
203 19.8 14.2 21.2

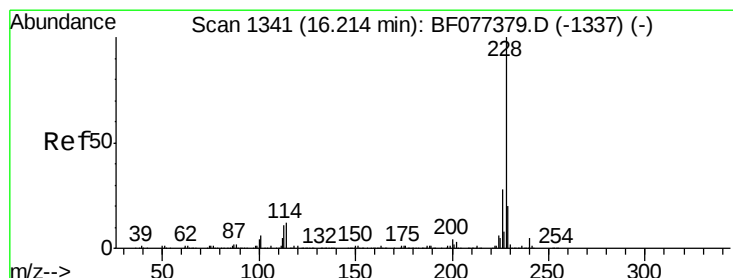
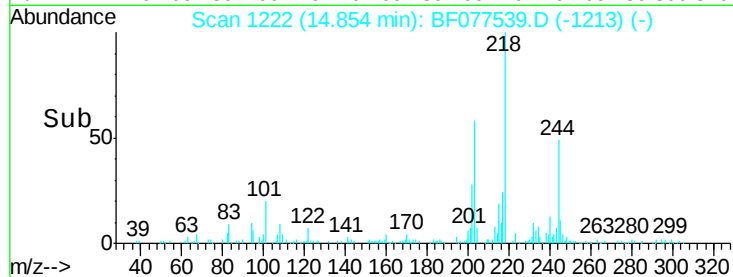
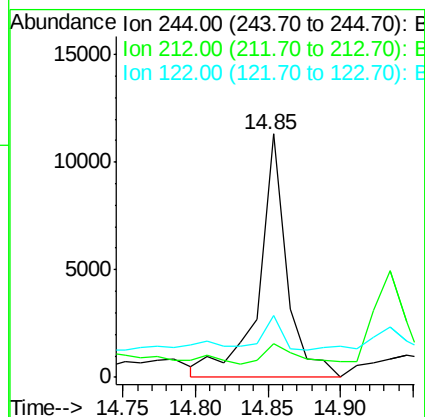
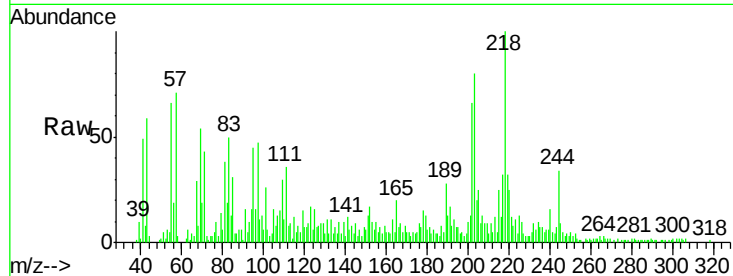




#78
 Terphenyl-d14
 Concen: 1.45 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

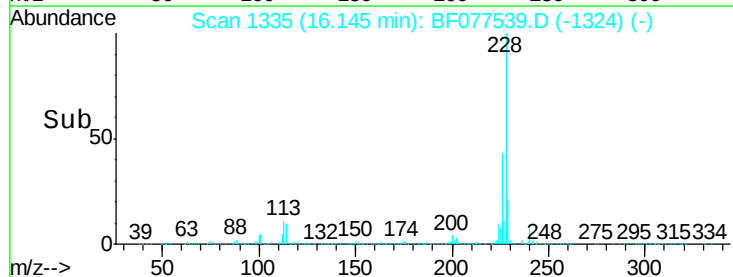
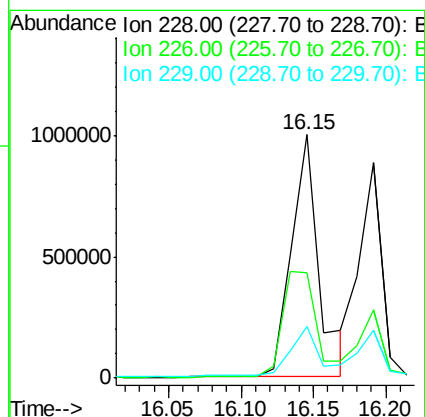
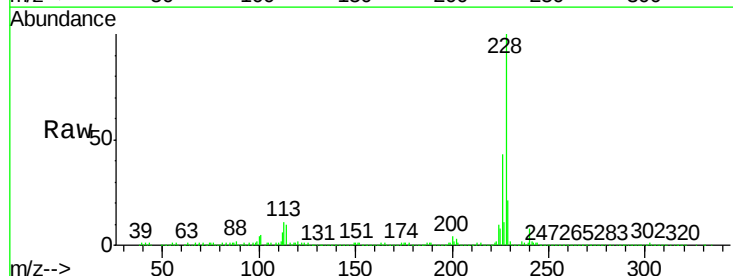
Instrument :
 BNA_F
 ClientSampleId :
 MW44

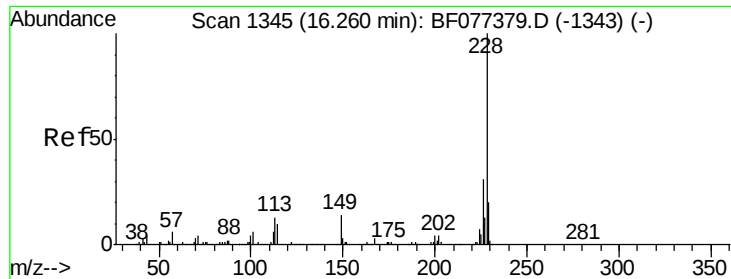
Tgt Ion:244 Resp: 15143
 Ion Ratio Lower Upper
 244 100
 212 13.6 5.2 7.8#
 122 25.3 7.8 11.8#



#80
 Benzo(a)anthracene
 Concen: 91.92 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF077539.D
 Acq: 2 Mar 2015 23:12

Tgt Ion:228 Resp: 1316139
 Ion Ratio Lower Upper
 228 100
 226 43.4 22.0 33.0#
 229 21.3 15.8 23.8





#82

Chrysene

Concen: 70.54 ng

RT: 16.19 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

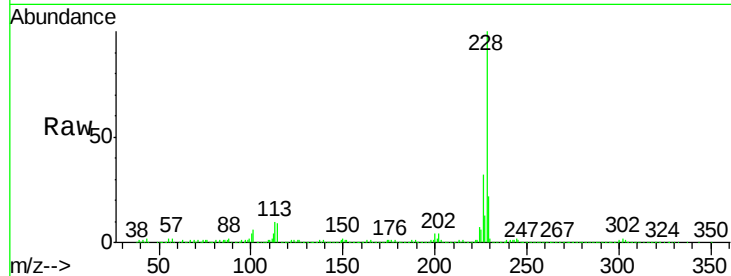
Tgt Ion:228 Resp: 948403

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

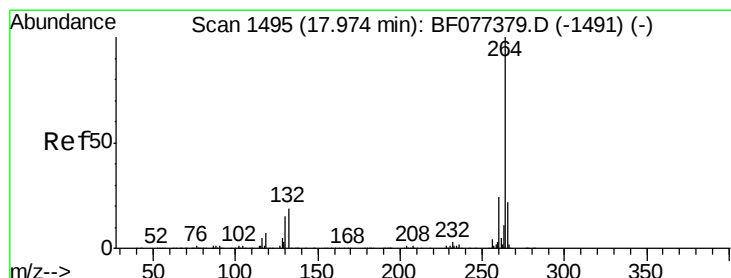
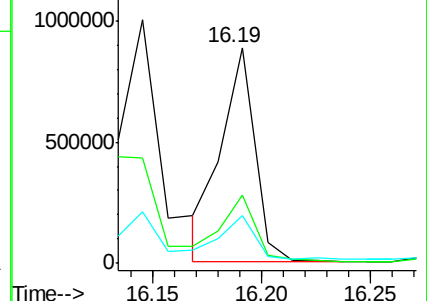
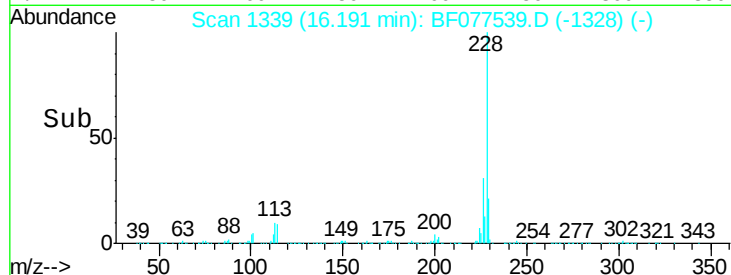
229 22.2 16.4 24.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.89 min Scan# 1488

Delta R.T. 0.06 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

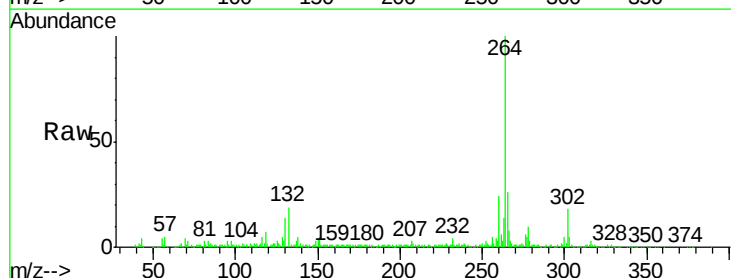
Tgt Ion:264 Resp: 217383

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

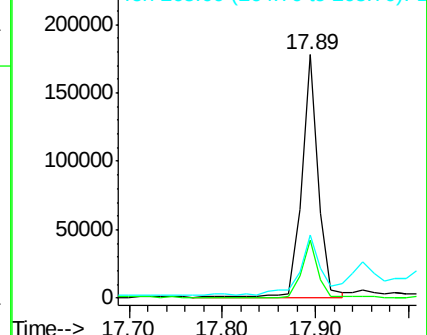
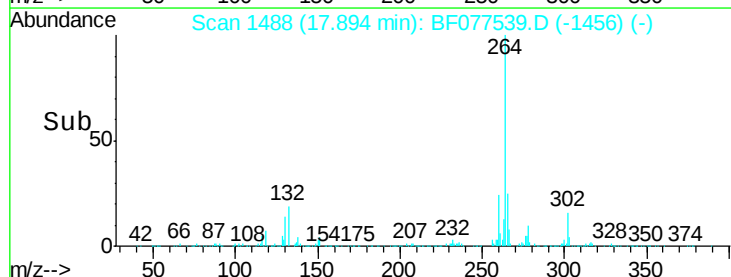
265 26.0 16.8 25.2#

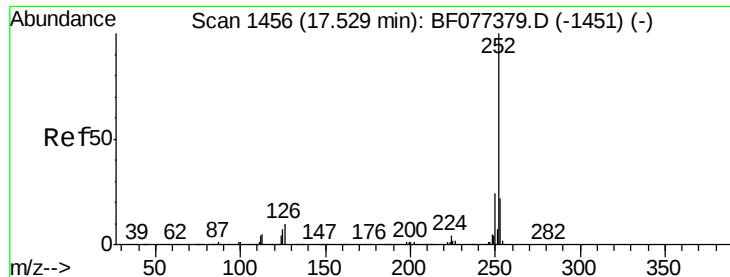


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

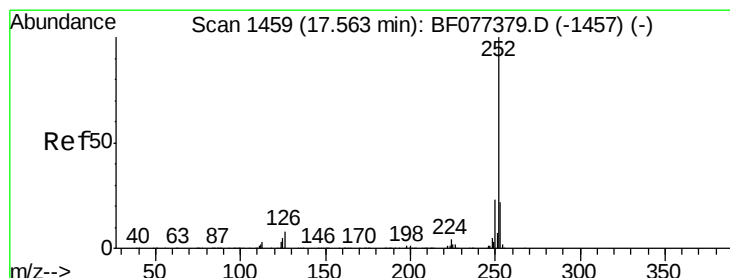
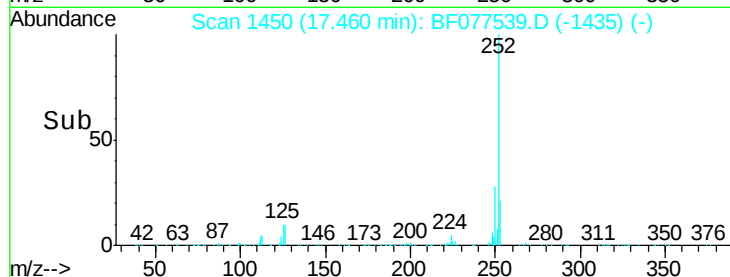
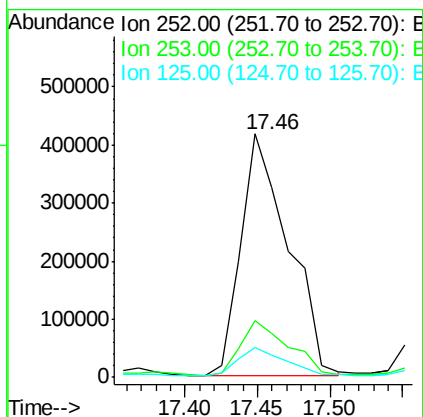
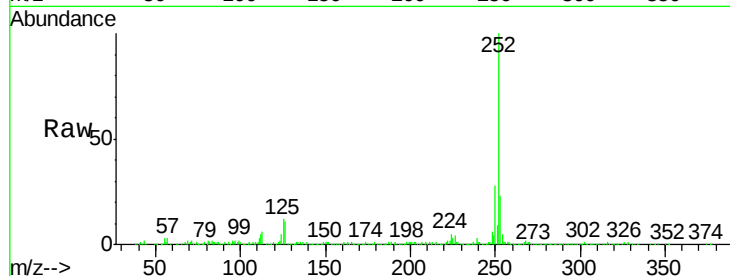




#87
Benzo(b)fluoranthene
Concen: 74.28 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.07 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

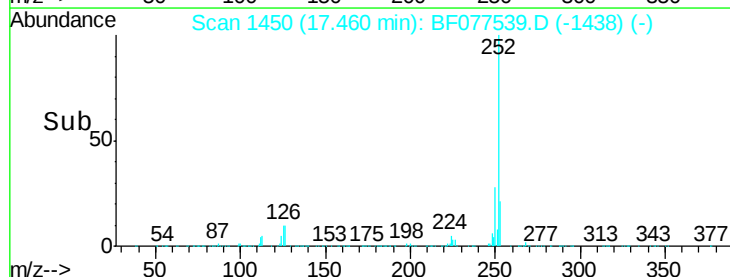
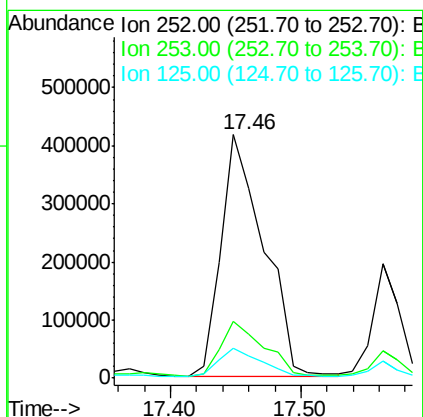
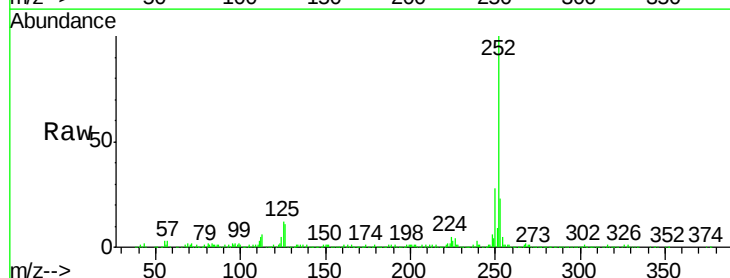
Instrument :
BNA_F
ClientSampleId :
MW44

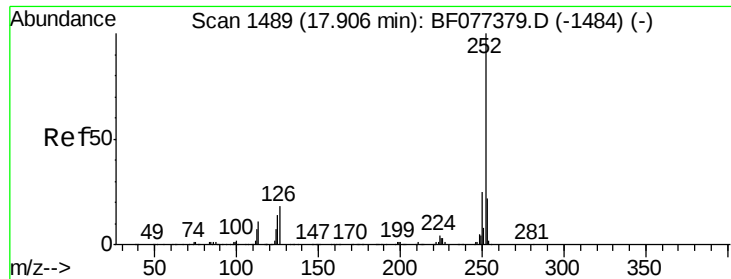
Tgt Ion:252 Resp: 938976
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 11.6 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 76.14 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF077539.D
Acq: 2 Mar 2015 23:12

Tgt Ion:252 Resp: 943271
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.6 10.1 15.1





#89

Benzo(a)pyrene

Concen: 70.71 ng

RT: 17.83 min Scan# 1483

Delta R.T. 0.07 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

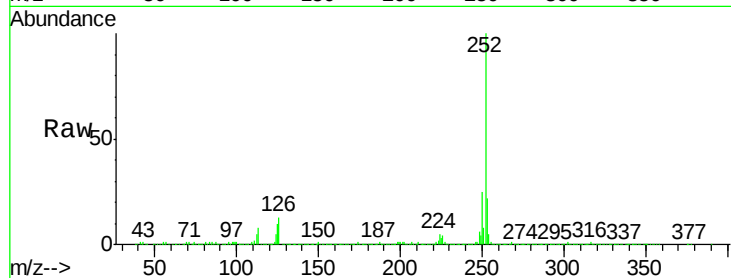
Tgt Ion:252 Resp: 851311

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

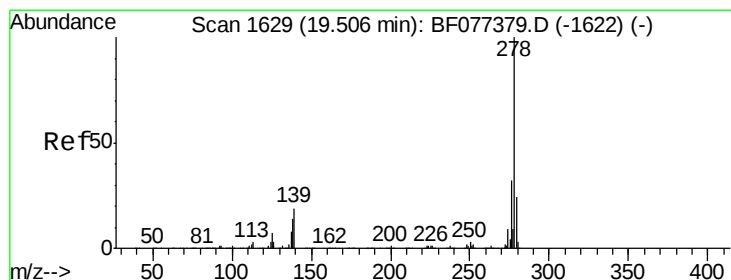
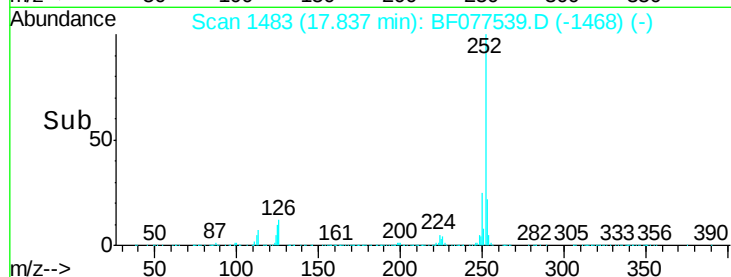
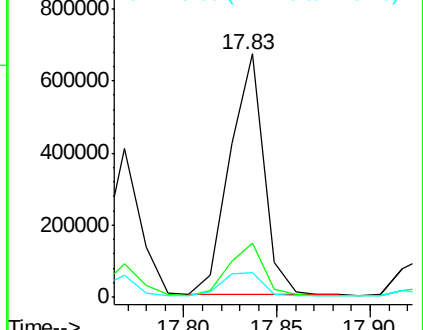
125 10.1 8.3 12.5



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



#90

Dibenzo(a,h)anthracene

Concen: 7.16 ng

RT: 19.37 min Scan# 1617

Delta R.T. 0.06 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

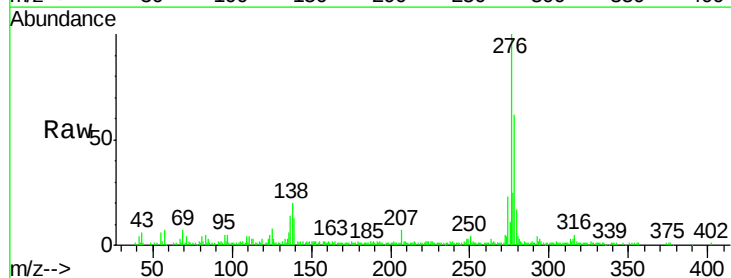
Tgt Ion:278 Resp: 82219

Ion Ratio Lower Upper

278 100

139 20.1 14.3 21.5

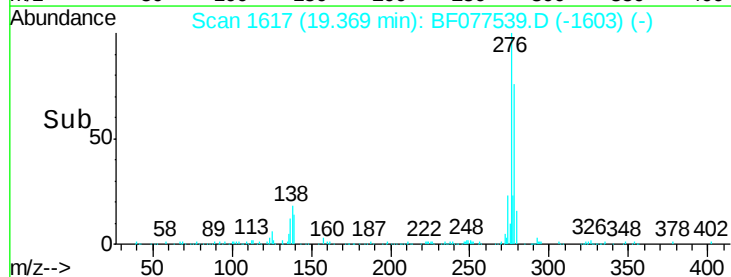
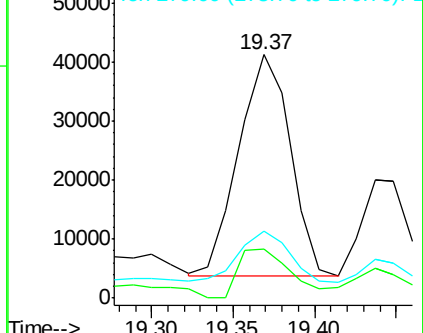
279 27.7 19.0 28.6

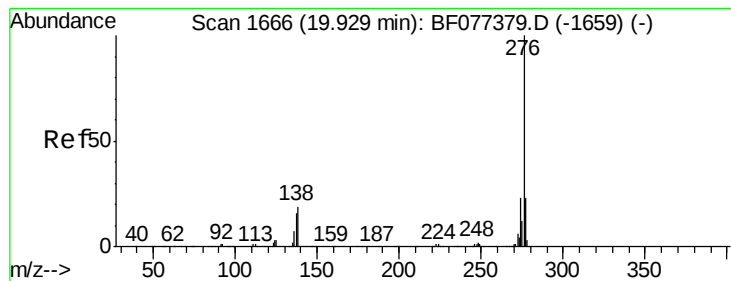


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.10 ng

RT: 19.79 min Scan# 1653

Delta R.T. 0.08 min

Lab File: BF077539.D

Acq: 2 Mar 2015 23:12

Instrument :

BNA_F

ClientSampleId :

MW44

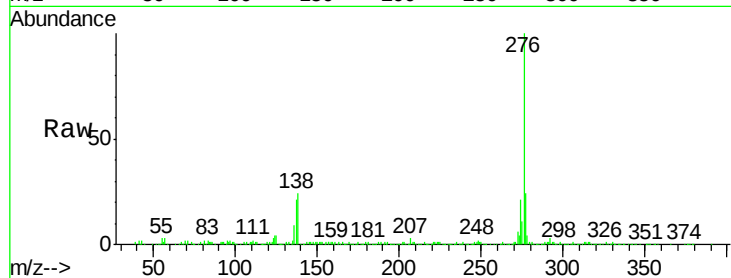
Tgt Ion:276 Resp: 360401

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 23.8 20.5 30.7



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

