

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077576.D
 Acq On : 4 Mar 2015 6:42
 Operator : TP/IZ
 Sample : G1332-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 04 07:31:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 04:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.25	152	90615	20.00	ng	0.01
21) Naphthalene-d8	8.82	136	306792	20.00	ng	0.01
38) Acenaphthene-d10	10.99	164	208085	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	399964	20.00	ng	0.00
75) Chrysene-d12	16.12	240	362056	20.00	ng	0.00
86) Perylene-d12	17.88	264	366304	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	257200	47.38	ng	0.01
7) Phenol-d6	6.80	99	452908	64.90	ng	0.00
23) Nitrobenzene-d5	7.94	82	268859	54.50	ng	0.02
41) 2,4,6-Tribromophenol	11.97	330	119015	59.40	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	564893	42.33	ng	0.00
78) Terphenyl-d14	14.83	244	667832	43.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.83	42	9375	3.27	ng	# 1
6) Aniline	6.87	93	24202	2.51	ng	# 1
9) Benzaldehyde	6.68	77	1000170	236.06	ng	# 1
15) Benzyl Alcohol	7.45	79	29588	5.58	ng	# 26
17) 2-Methylphenol	7.59	107	40946	8.18	ng	# 1
18) Hexachloroethane	7.83	117	260131	109.80	ng	# 1
19) n-Nitroso-di-n-propylamine	7.75	70	40529	9.14	ng	# 62
22) Acetophenone	7.74	105	1754790	243.16	ng	# 48
24) Nitrobenzene	7.93	77	469030	90.36	ng	# 16
25) Isophorone	8.23	82	23008	2.35	ng	# 1
26) 2-Nitrophenol	8.39	139	6128	2.88	ng	# 1
27) 2,4-Dimethylphenol	8.41	122	12155	2.55	ng	# 1
28) bis(2-Chloroethoxy)methane	8.55	93	28739	4.65	ng	# 57
29) 2,4-Dichlorophenol	8.67	162	27056	6.06	ng	# 39
31) Naphthalene	8.85	128	3649736	237.89	ng	# 94
35) Caprolactam	9.38	113	29195	21.40	ng	# 1
37) 2-Methylnaphthalene	9.71	142	2741395	251.61	ng	# 95
45) 1,1'-Biphenyl	10.28	154	69357	4.40	ng	# 98
51) Acenaphthene	11.03	154	44764	3.83	ng	# 97
54) Dibenzofuran	11.24	168	58544	3.25	ng	# 89
56) 2,4-Dinitrotoluene	11.24	165	9726	2.45	ng	# 1
57) Fluorene	11.67	166	80842	5.61	ng	# 96
70) Phenanthrene	12.86	178	316284	13.64	ng	# 99
71) Anthracene	12.92	178	75054	3.26	ng	# 98
74) Fluoranthene	14.34	202	256490	10.13	ng	# 98
77) Pyrene	14.62	202	230744	10.42	ng	# 98
80) Benzo(a)anthracene	16.11	228	60456	2.85	ng	# 93
82) Chrysene	16.11	228	58431	2.93	ng	# 98
87) Benzo(b)fluoranthene	17.43	252	110498	5.19	ng	# 91
88) Benzo(k)fluoranthene	17.44	252	110544	5.30	ng	# 95
89) Benzo(a)pyrene	17.81	252	50320	2.48	ng	# 96
91) Benzo(g,h,i)perylene	19.74	276	41940	2.15	ng	# 96

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Instrument :
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Quant Time: Mar 04 07:31:33 2015
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QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

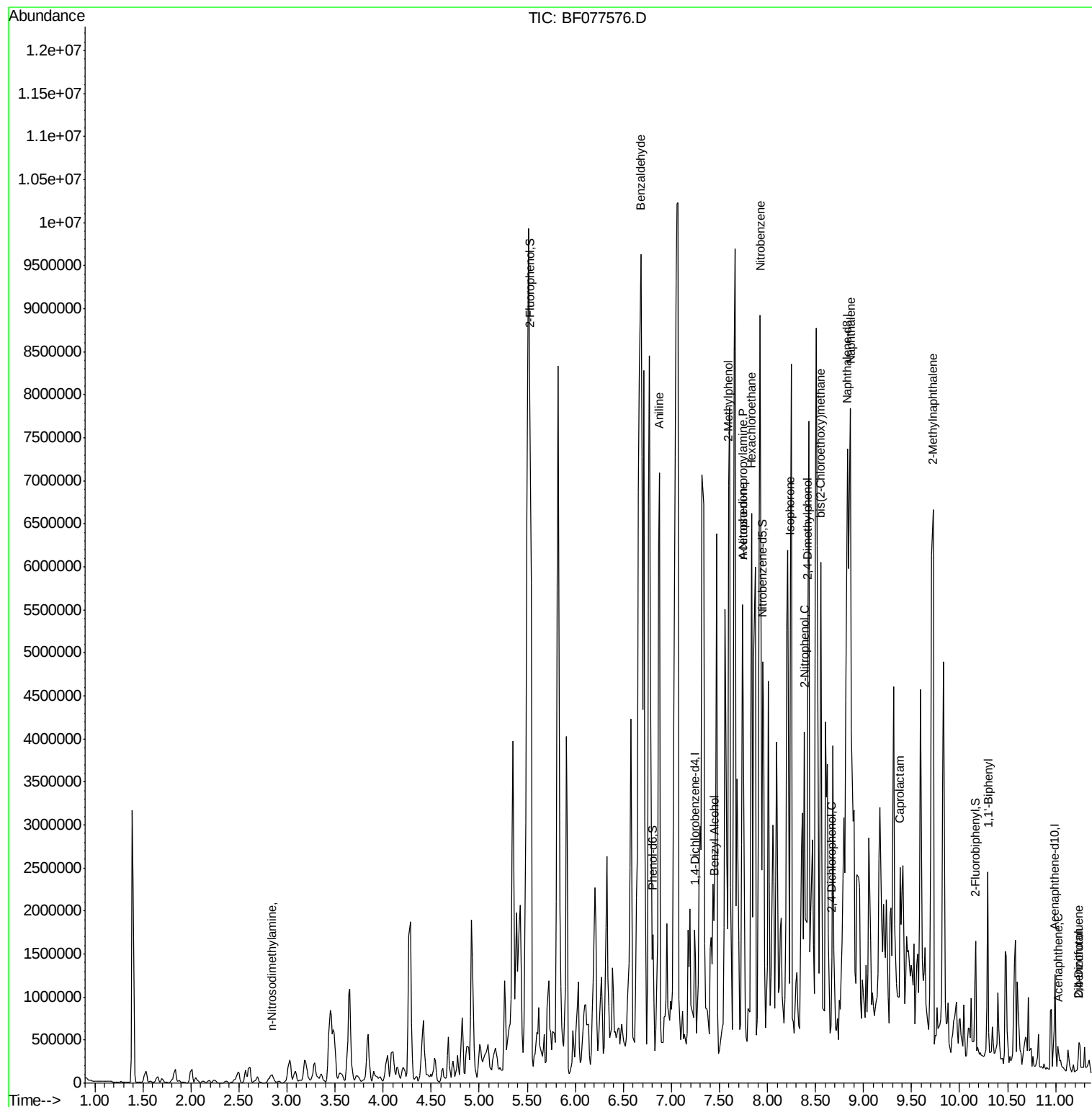
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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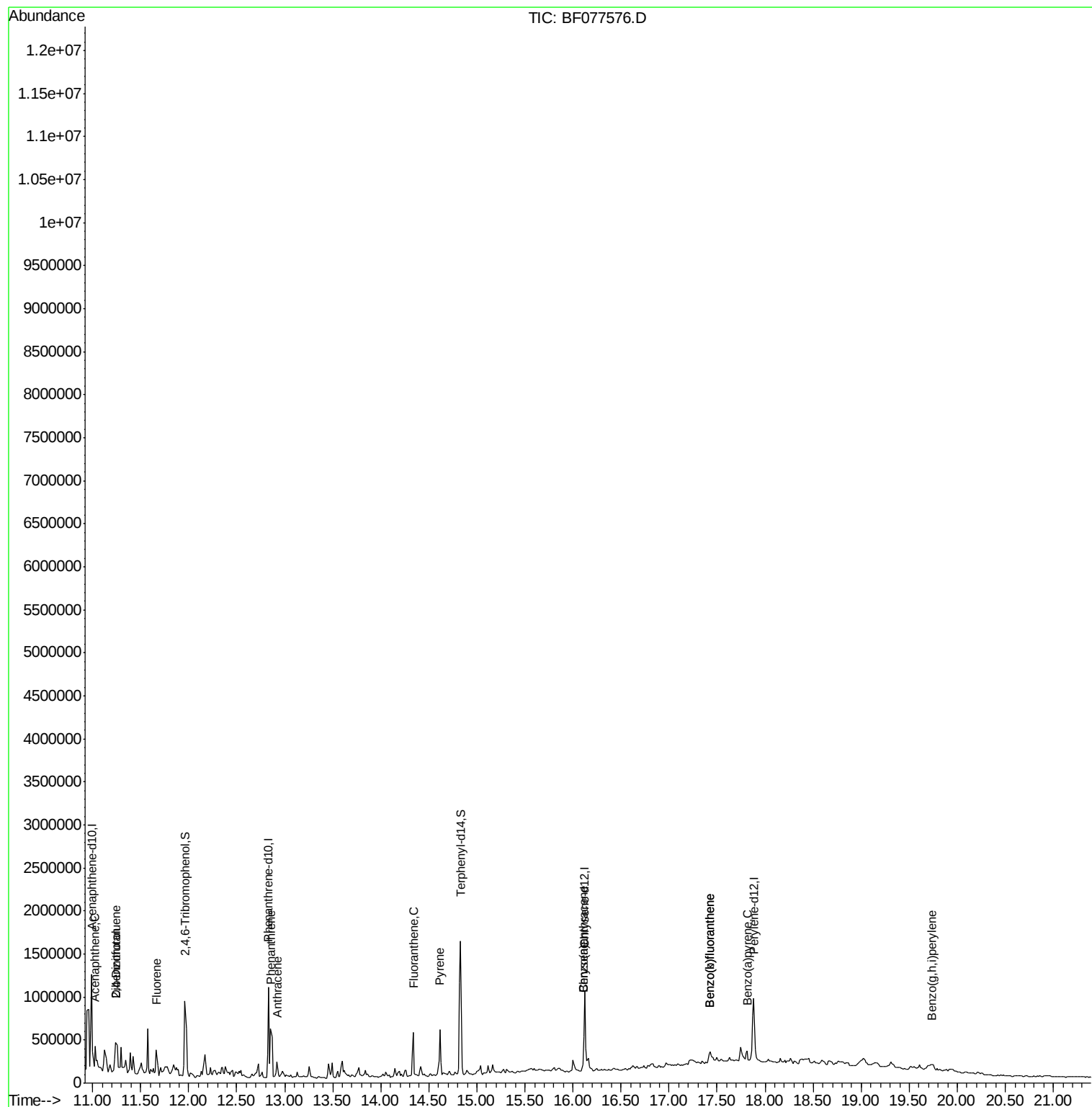
Quant Time: Mar 04 07:31:33 2015
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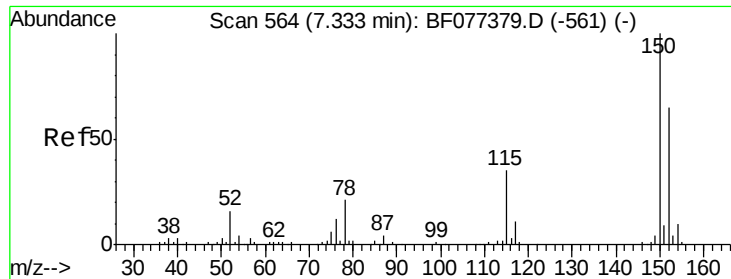


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.25 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampled :

TP-2

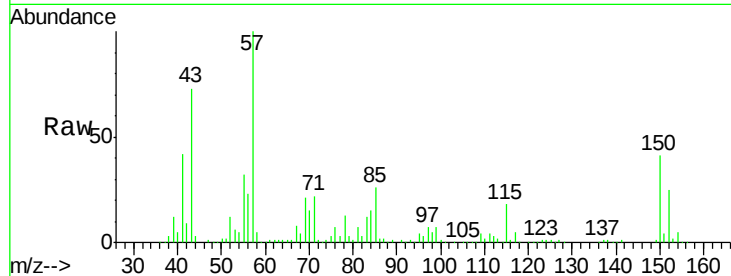
Tgt Ion:152 Resp: 90615

Ion Ratio Lower Upper

152 100

150 161.1 124.0 186.0

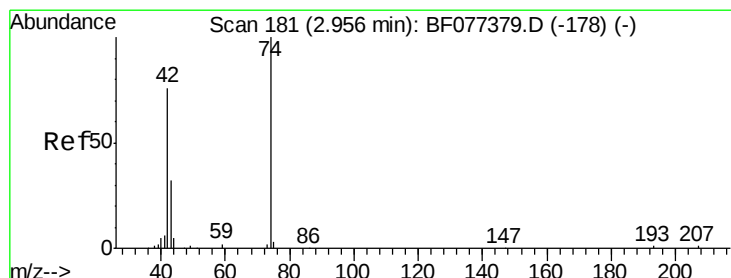
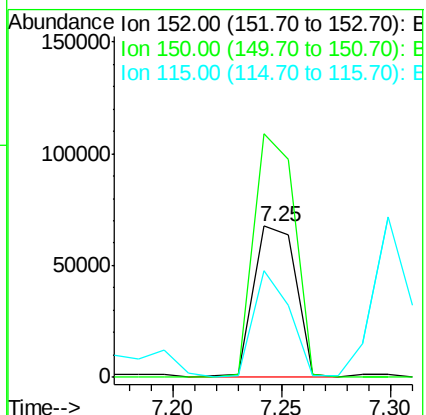
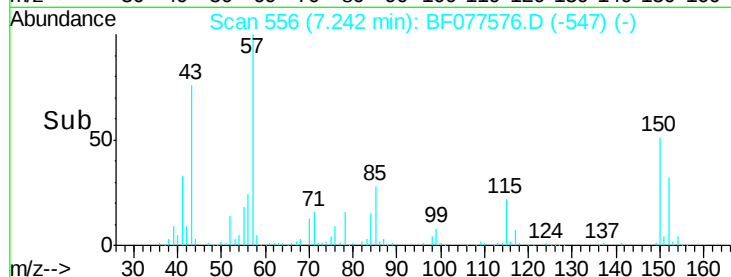
115 70.3 49.4 74.2



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



#4

n-Nitrosodimethylamine

Concen: 3.27 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.03 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

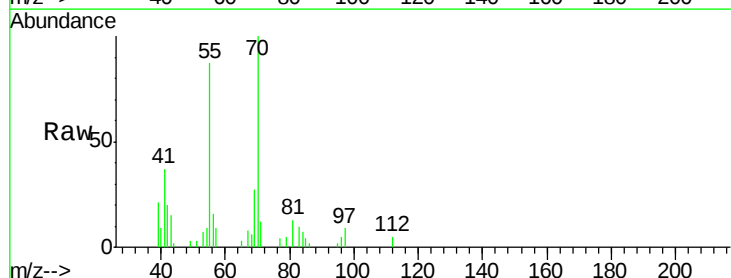
Tgt Ion: 42 Resp: 9375

Ion Ratio Lower Upper

42 100

74 0.0 107.1 160.7#

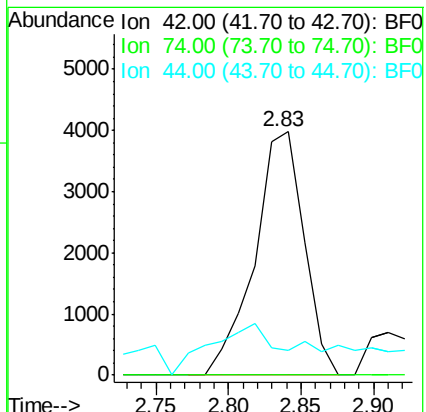
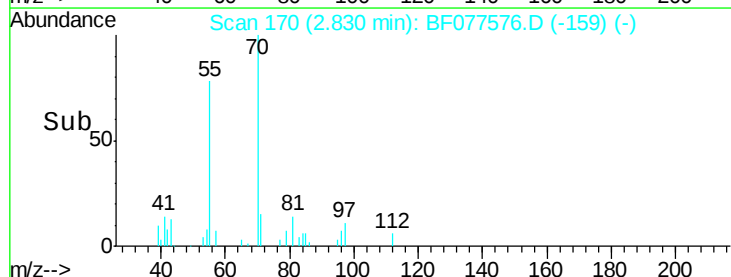
44 11.6 6.7 10.1#

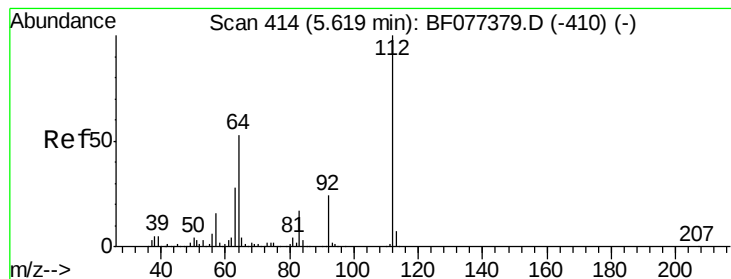


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 47.38 ng

RT: 5.54 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

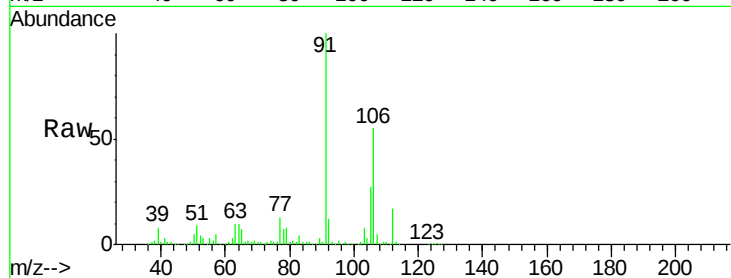
Tgt Ion: 112 Resp: 257200

Ion Ratio Lower Upper

112 100

64 60.1 48.5 72.7

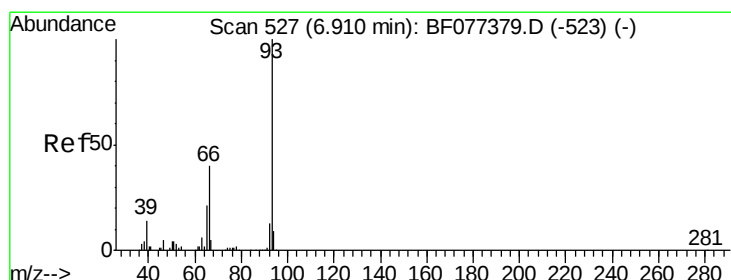
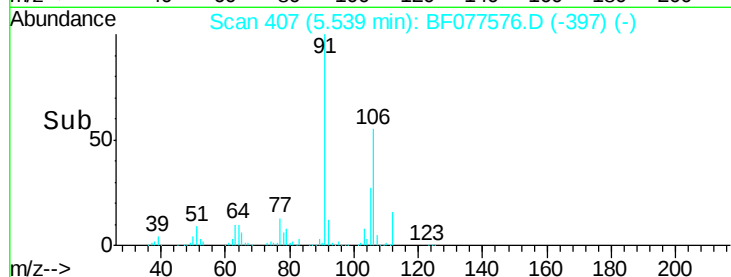
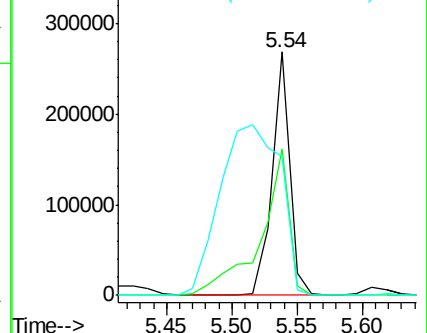
63 57.0 25.0 37.4#



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



#6

Aniline

Concen: 2.51 ng

RT: 6.87 min Scan# 523

Delta R.T. 0.05 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

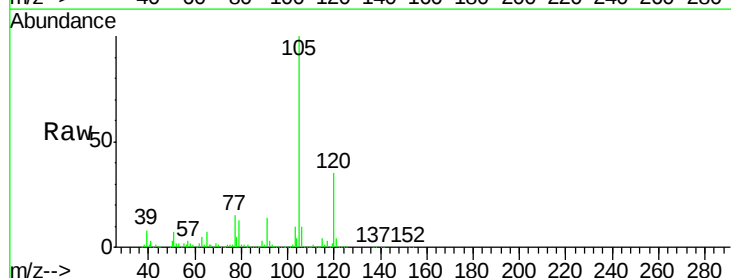
Tgt Ion: 93 Resp: 24202

Ion Ratio Lower Upper

93 100

66 107.2 29.1 43.7#

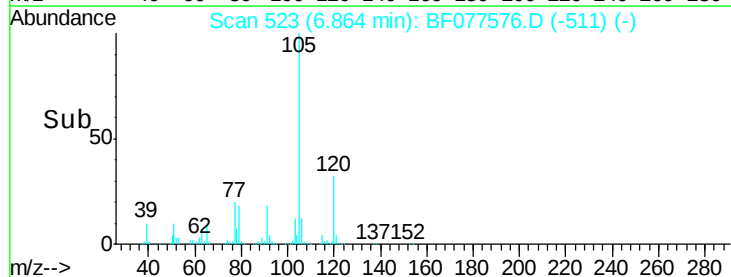
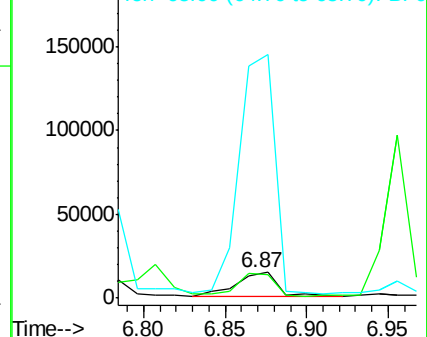
65 1017.2 14.6 22.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 64.90 ng

RT: 6.80 min Scan# 518

Delta R.T. 0.01 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

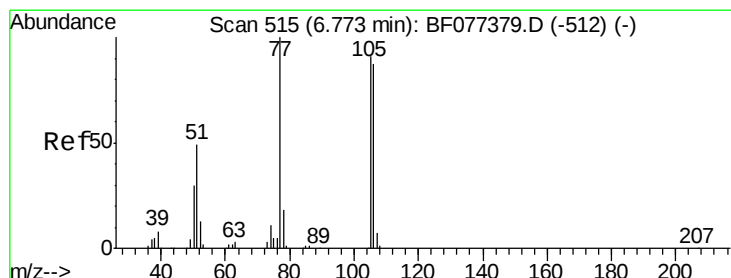
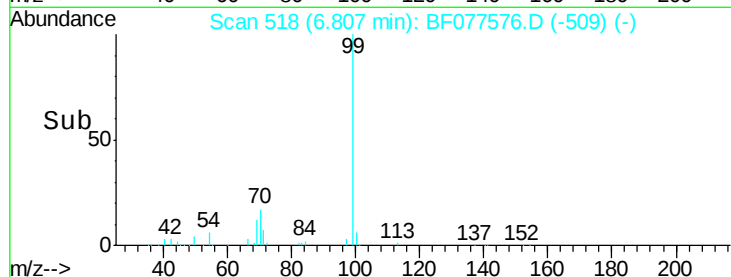
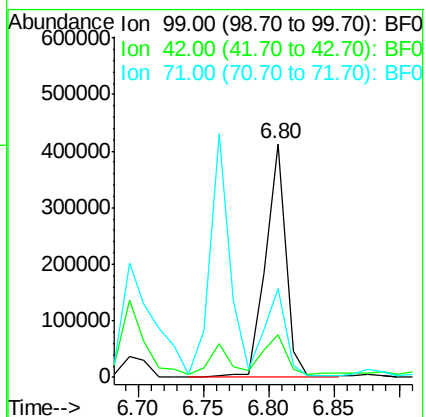
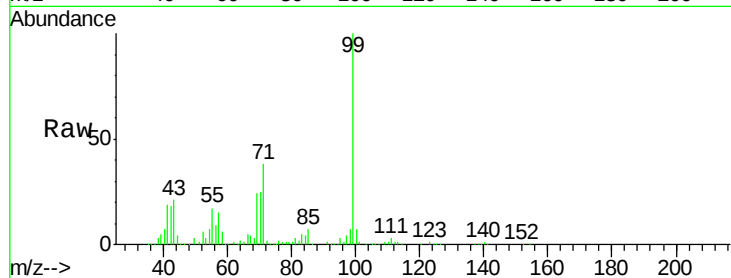
Tgt Ion: 99 Resp: 452908

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.4

71 38.2 26.7 40.1



#9

Benzaldehyde

Concen: 236.06 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

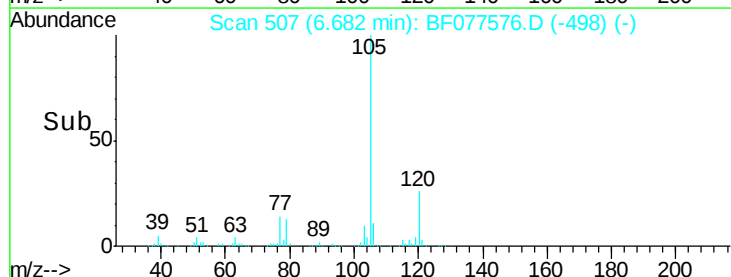
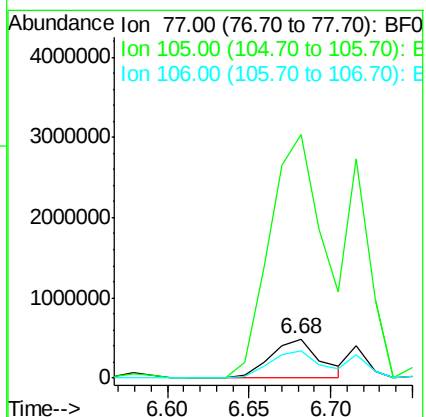
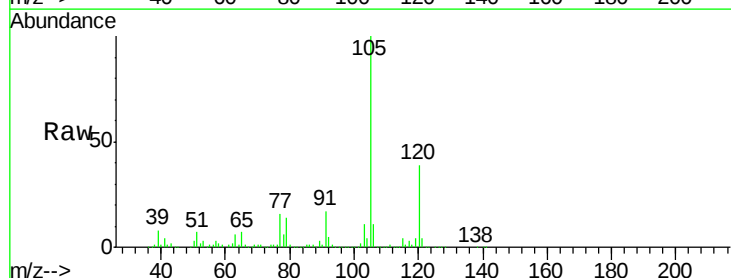
Tgt Ion: 77 Resp: 1000170

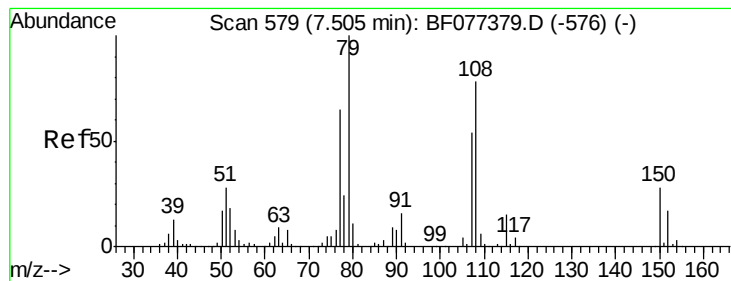
Ion Ratio Lower Upper

77 100

105 622.9 85.9 125.9#

106 69.6 82.9 122.9#





#15

Benzyl Alcohol

Concen: 5.58 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.03 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

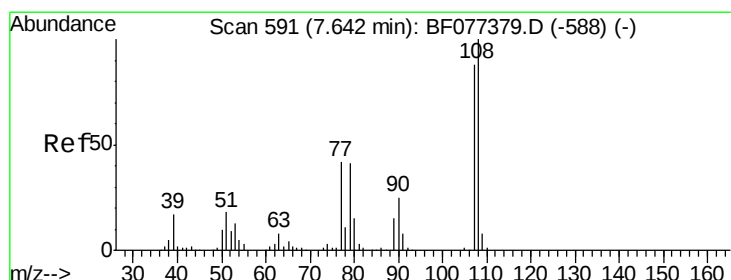
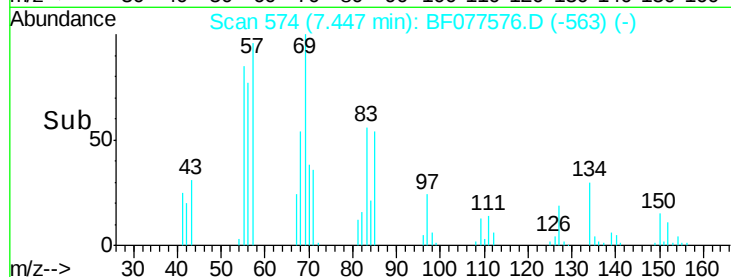
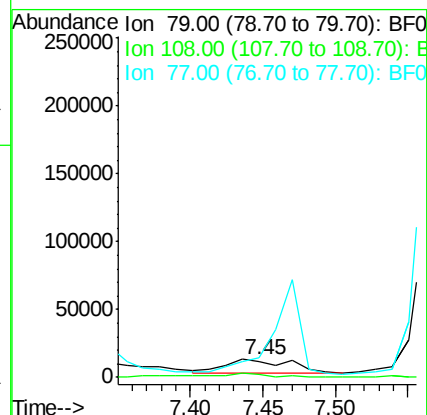
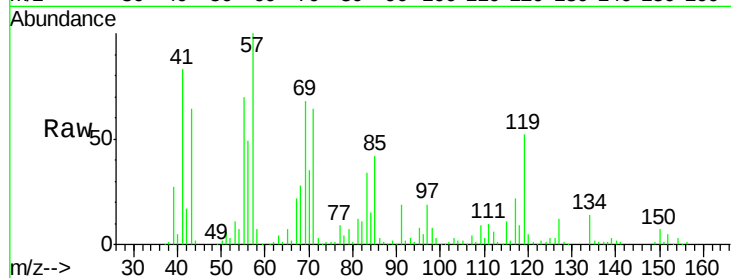
Tgt Ion: 79 Resp: 29588

Ion Ratio Lower Upper

79 100

108 15.6 58.3 87.5#

77 126.9 51.3 76.9#



#17

2-Methylphenol

Concen: 8.18 ng

RT: 7.59 min Scan# 587

Delta R.T. 0.03 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Tgt Ion: 107 Resp: 40946

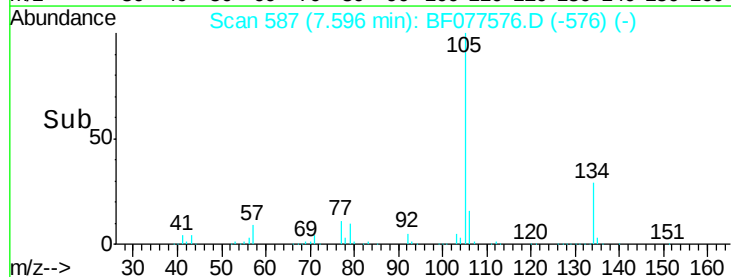
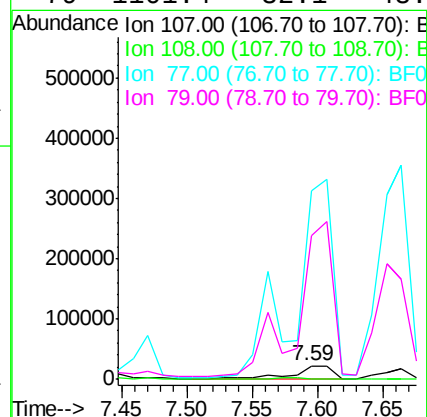
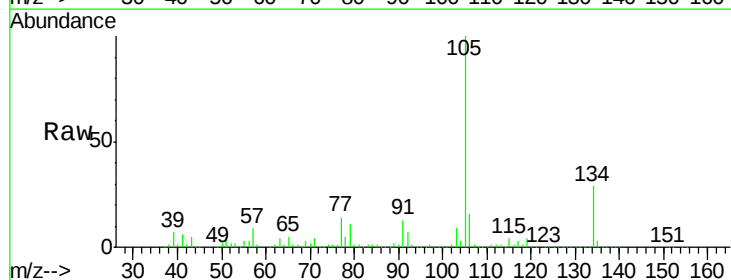
Ion Ratio Lower Upper

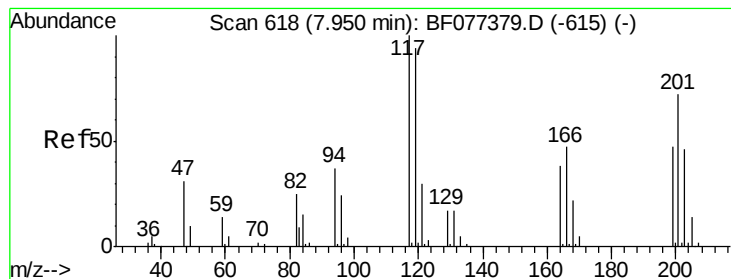
107 100

108 4.6 91.2 136.8#

77 1436.2 33.6 50.4#

79 1101.4 32.1 48.1#





#18

Hexachloroethane

Concen: 109.80 ng

RT: 7.83 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampled :

TP-2

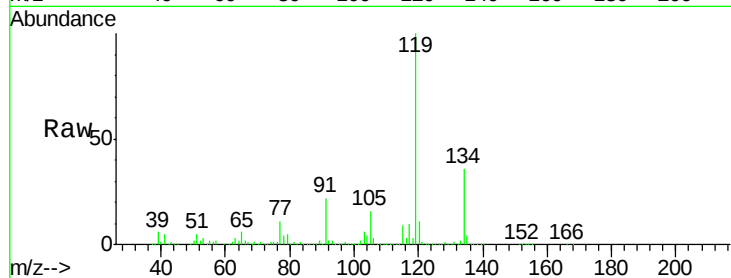
Tgt Ion:117 Resp: 260131

Ion Ratio Lower Upper

117 100

119 967.9 77.8 116.8#

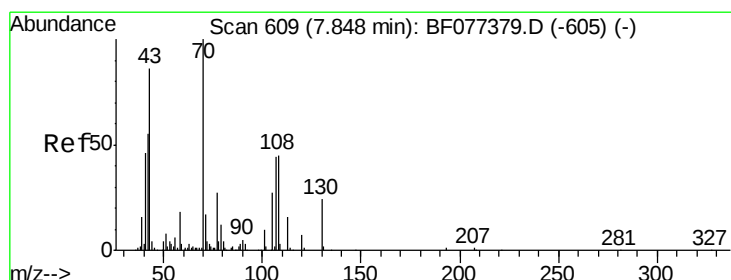
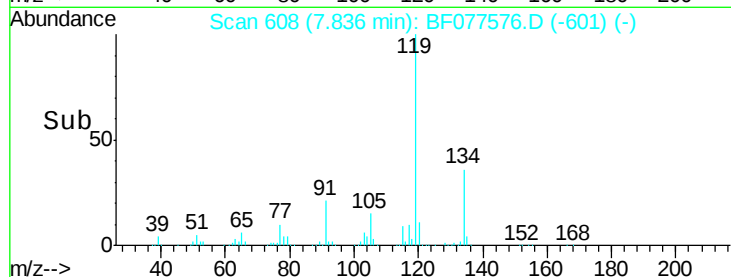
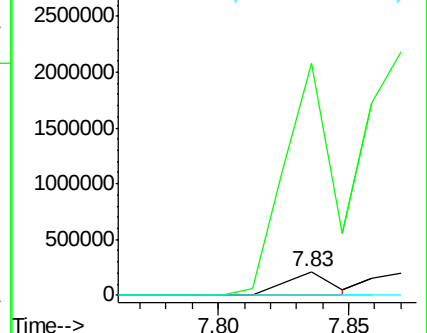
201 0.0 90.6 136.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.14 ng

RT: 7.75 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Tgt Ion: 70 Resp: 40529

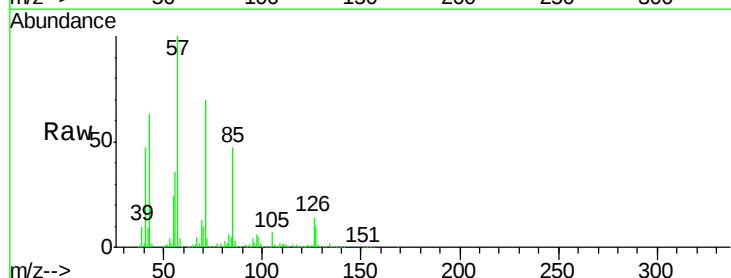
Ion Ratio Lower Upper

70 100

42 88.8 48.3 72.5#

101 0.0 7.5 11.3#

130 0.0 16.7 25.1#

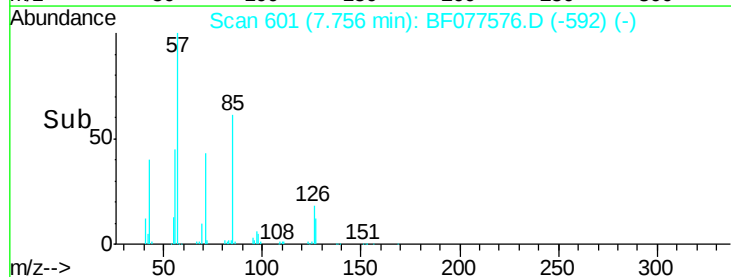
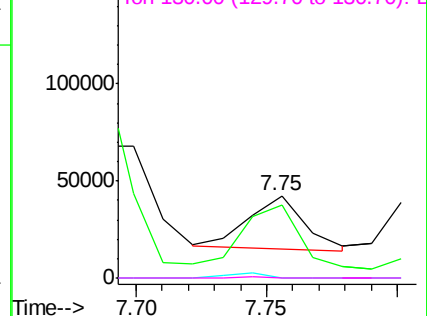


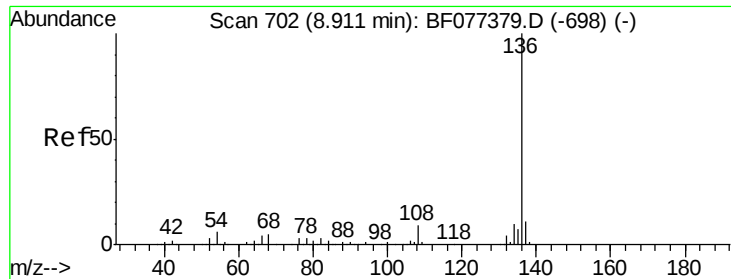
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

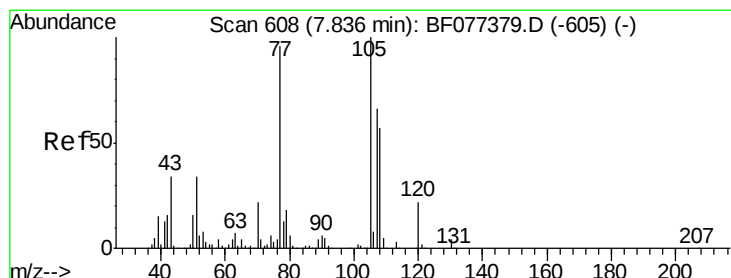
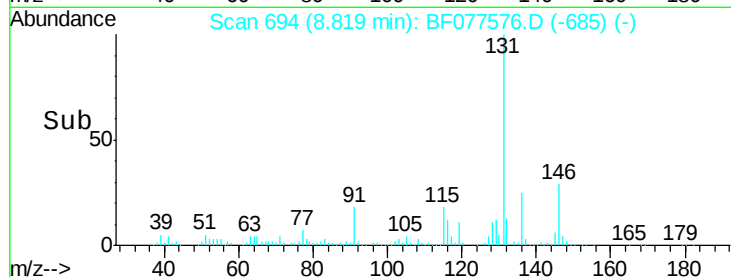
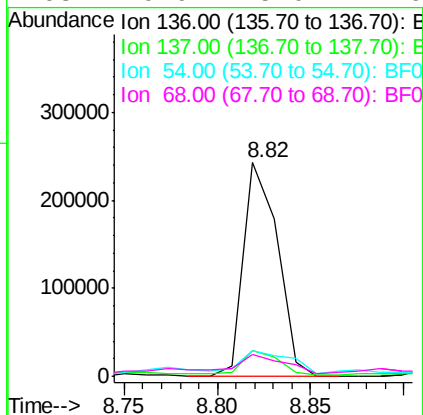
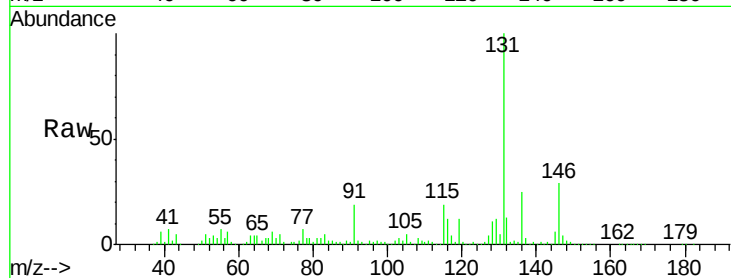




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.82 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

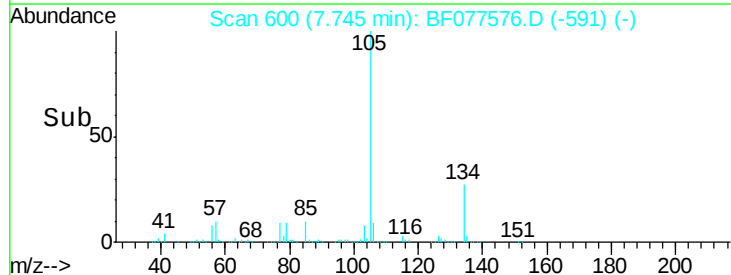
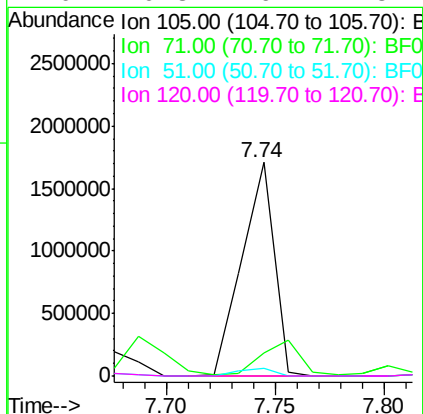
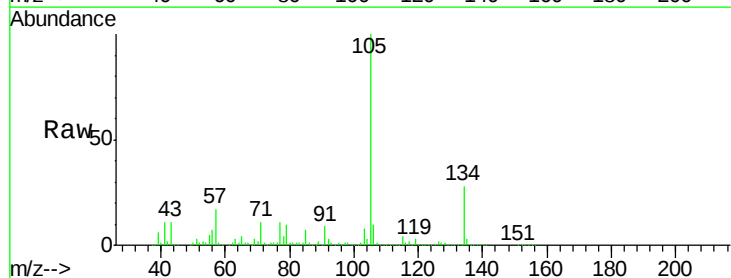
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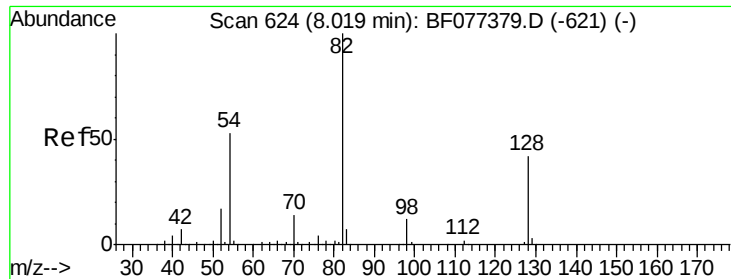
Tgt Ion:	136	Resp:	306792
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.6	13.0
54	12.1	6.2	9.4#
68	9.9	5.0	7.6#



#22
Acetophenone
Concen: 243.16 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Tgt Ion:	105	Resp:	1754790
Ion Ratio	Lower	Upper	
105	100		
71	11.0	1.7	2.5#
51	3.4	30.7	46.1#
120	0.3	16.7	25.1#

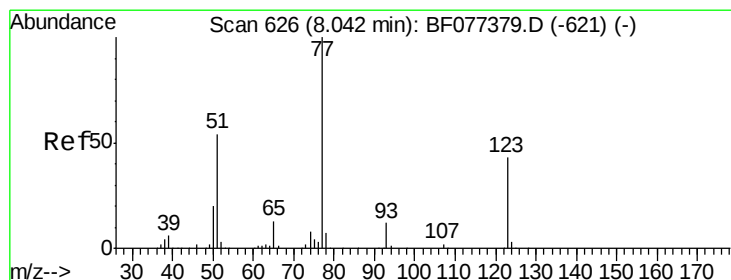
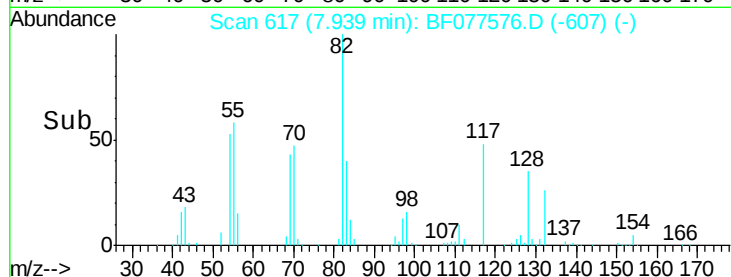
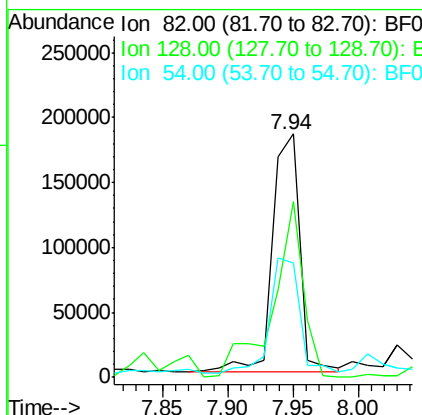
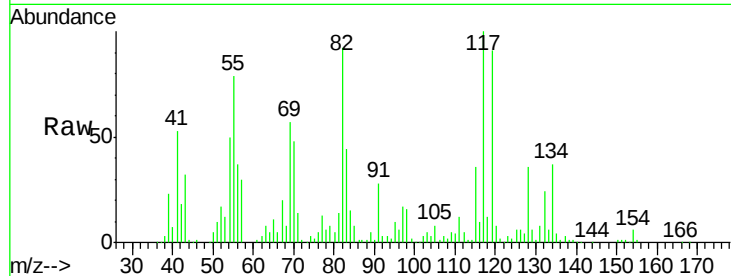




#23
 Nitrobenzene-d5
 Concen: 54.50 ng
 RT: 7.94 min Scan# 617
 Delta R.T. 0.02 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

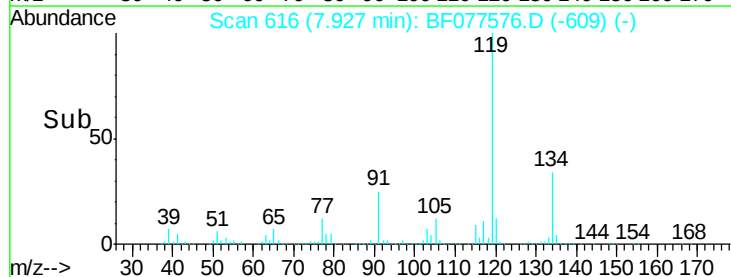
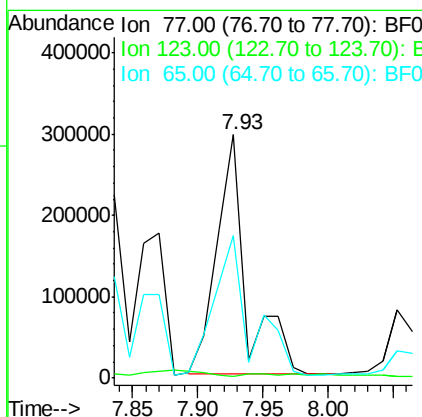
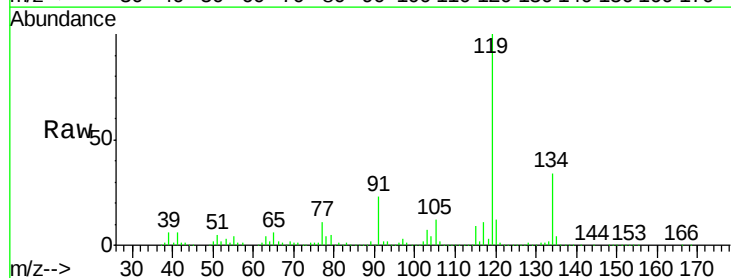
Instrument :
 BNA_F
 ClientSampled :
 TP-2

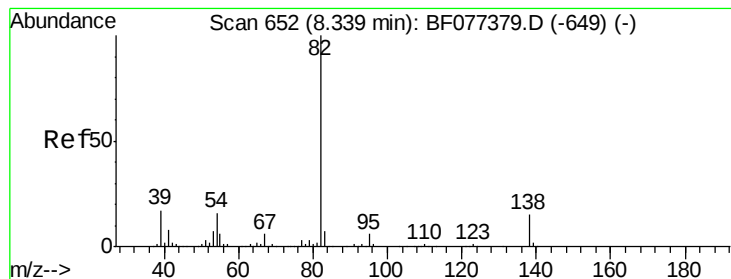
Tgt Ion: 82 Resp: 268859
 Ion Ratio Lower Upper
 82 100
 128 39.3 43.8 65.8#
 54 54.3 36.7 55.1



#24
 Nitrobenzene
 Concen: 90.36 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

Tgt Ion: 77 Resp: 469030
 Ion Ratio Lower Upper
 77 100
 123 0.7 45.9 68.9#
 65 58.7 9.5 14.3#





#25

Isophorone

Concen: 2.35 ng

RT: 8.23 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

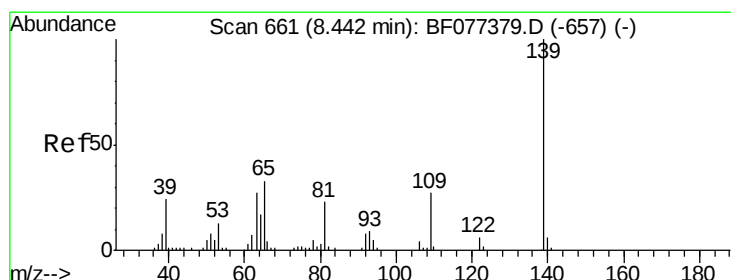
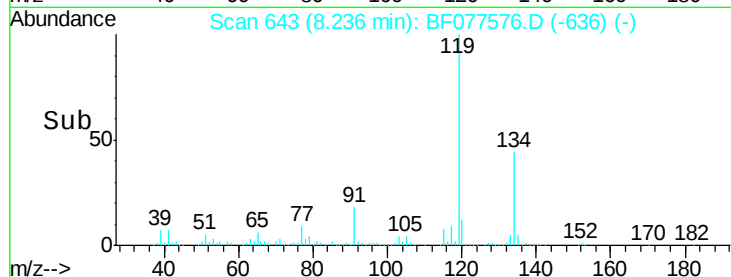
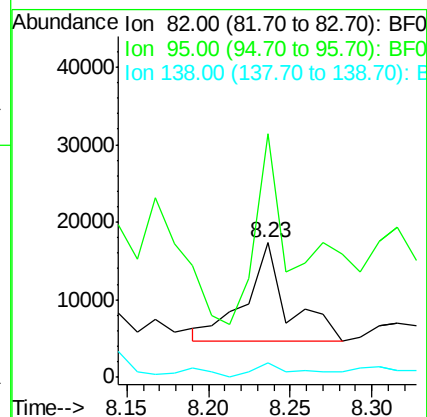
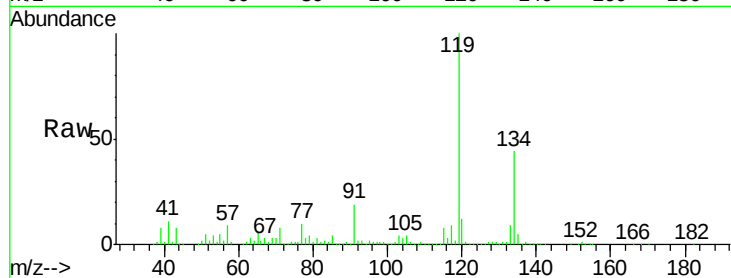
Tgt Ion: 82 Resp: 23008

Ion Ratio Lower Upper

82 100

95 181.0 5.4 8.2#

138 10.4 16.3 24.5#



#26

2-Nitrophenol

Concen: 2.88 ng

RT: 8.39 min Scan# 656

Delta R.T. 0.04 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

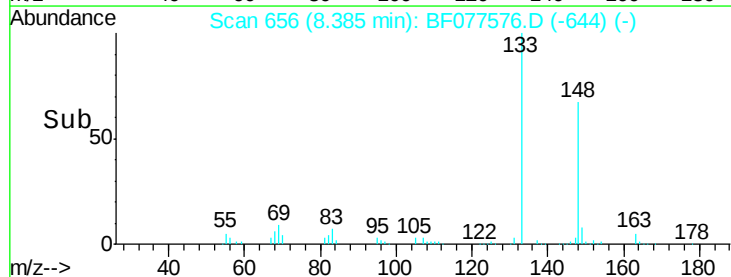
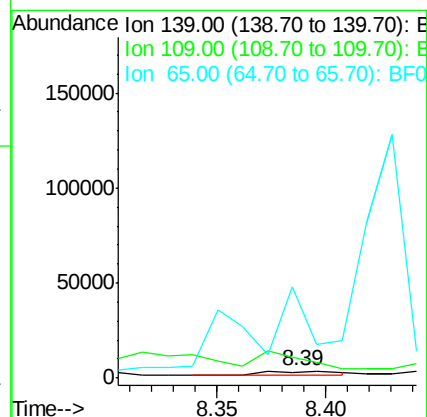
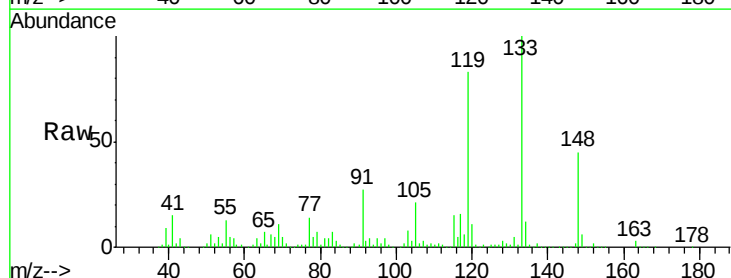
Tgt Ion: 139 Resp: 6128

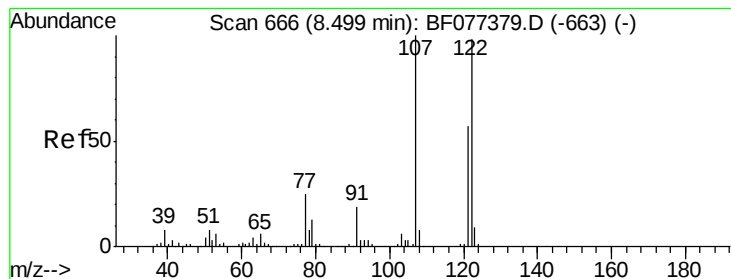
Ion Ratio Lower Upper

139 100

109 350.0 22.6 34.0#

65 1538.2 36.4 54.6#

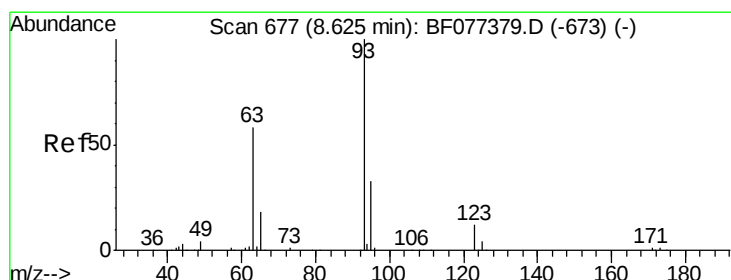
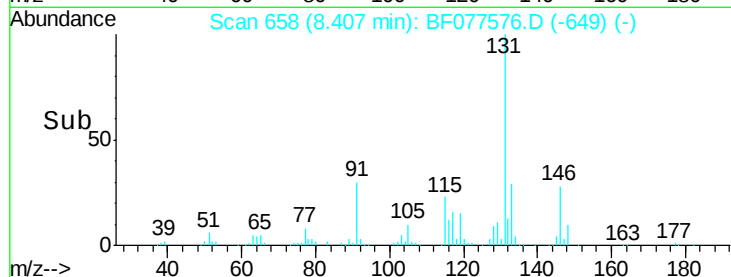
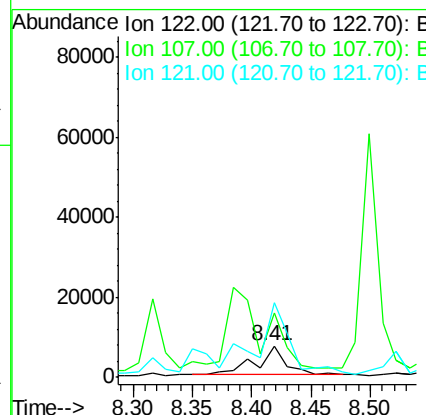
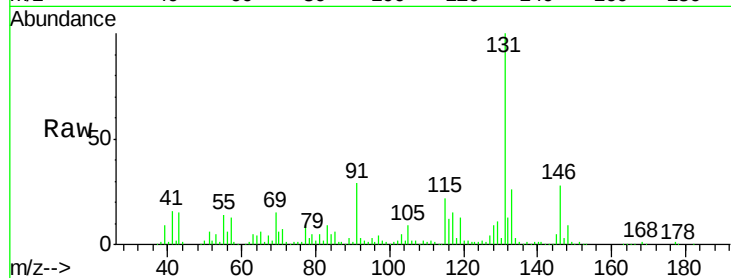




#27
 2,4-Dimethylphenol
 Concen: 2.55 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

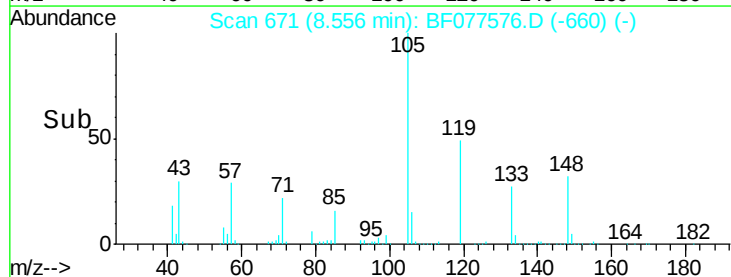
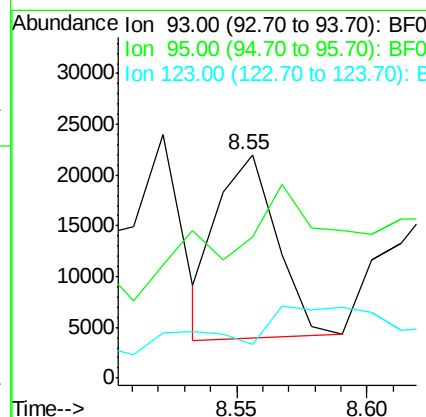
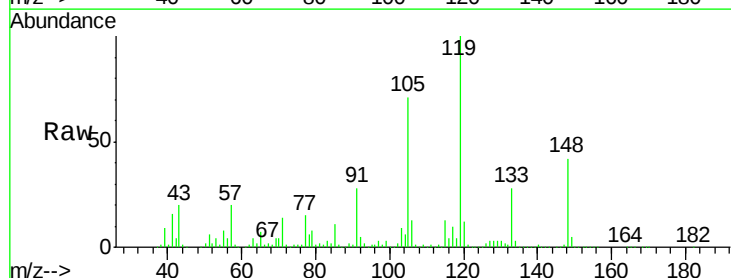
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

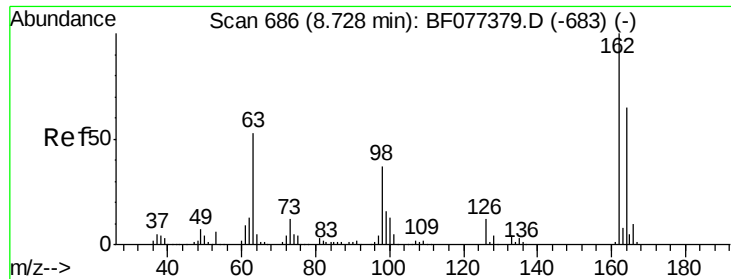
Tgt Ion: 122 Resp: 12155
 Ion Ratio Lower Upper
 122 100
 107 255.1 86.6 130.0#
 121 209.9 47.4 71.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.65 ng
 RT: 8.55 min Scan# 671
 Delta R.T. 0.02 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

Tgt Ion: 93 Resp: 28739
 Ion Ratio Lower Upper
 93 100
 95 63.2 26.4 39.6#
 123 15.2 8.7 13.1#





#29

2,4-Dichlorophenol

Concen: 6.06 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.02 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

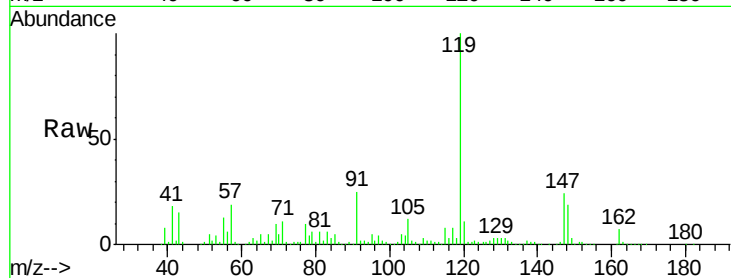
Tgt Ion:162 Resp: 27056

Ion Ratio Lower Upper

162 100

164 2.1 46.4 86.4#

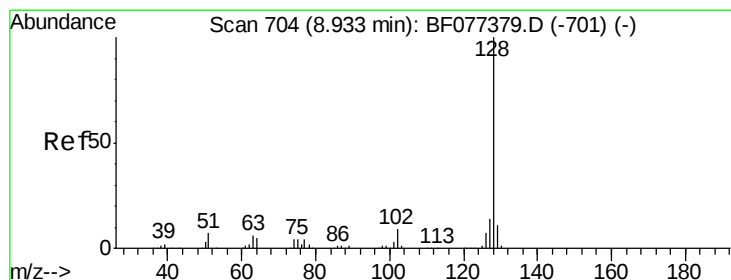
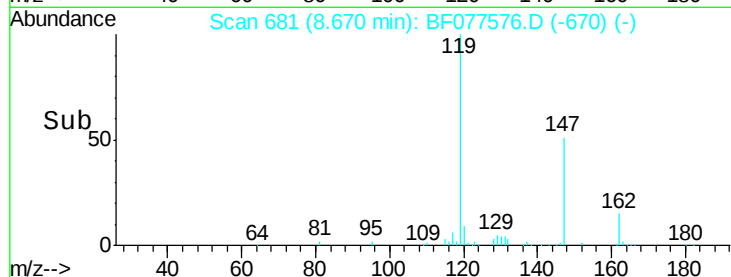
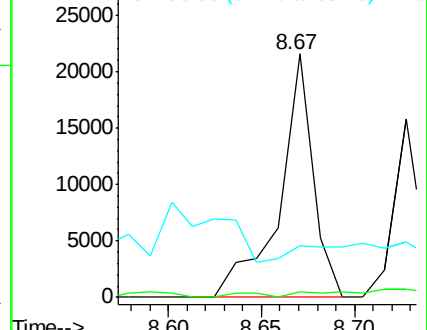
98 21.1 6.9 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#31

Naphthalene

Concen: 237.89 ng

RT: 8.85 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

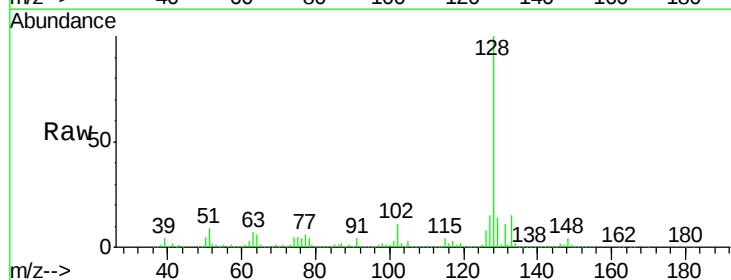
Tgt Ion:128 Resp: 3649736

Ion Ratio Lower Upper

128 100

129 14.2 9.4 14.0#

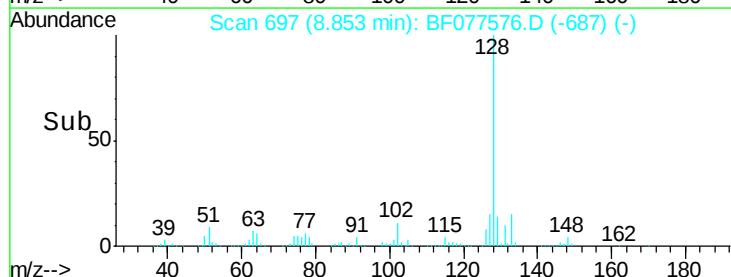
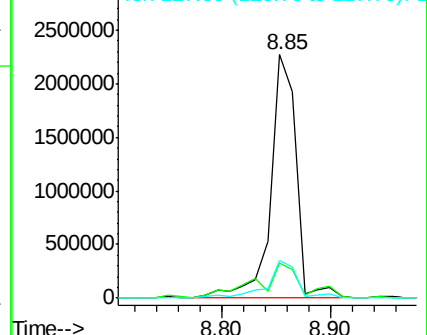
127 15.3 10.6 15.8

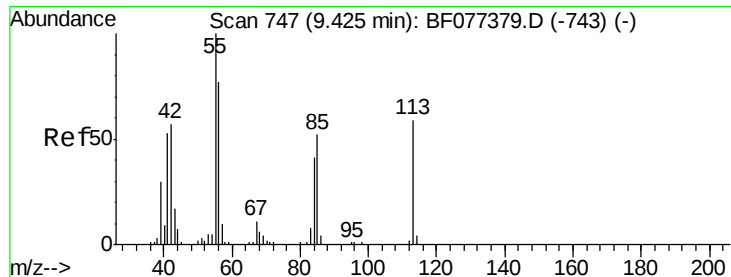


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#35

Caprolactam

Concen: 21.40 ng

RT: 9.38 min Scan# 743

Delta R.T. 0.04 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

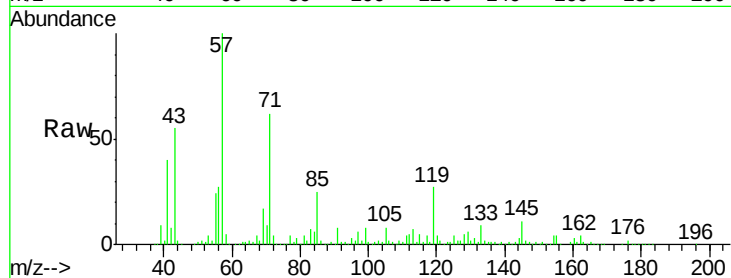
Tgt Ion:113 Resp: 29195

Ion Ratio Lower Upper

113 100

55 344.4 154.6 194.6#

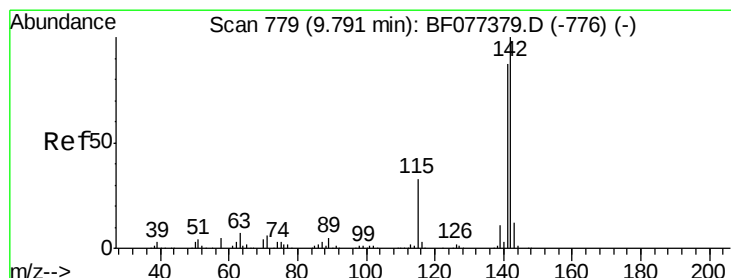
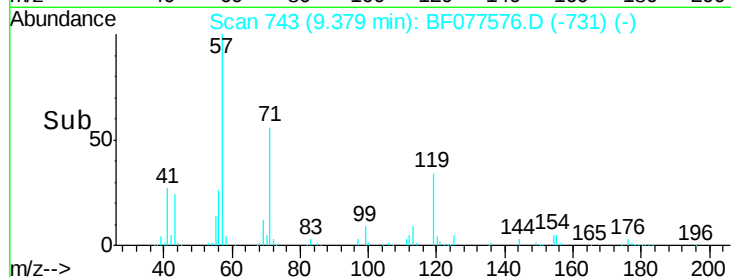
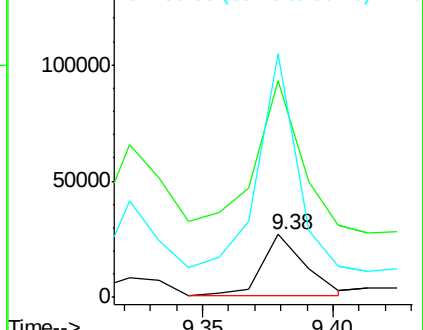
56 387.2 114.0 154.0#



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: 251.61 ng

RT: 9.71 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

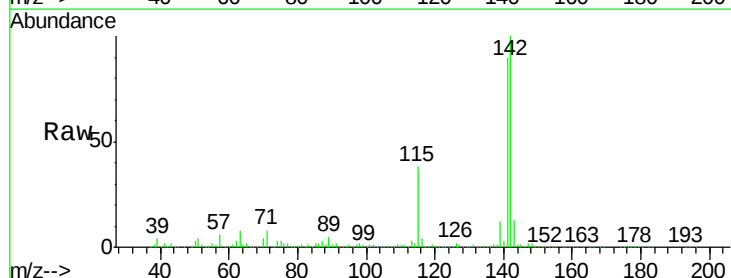
Tgt Ion:142 Resp: 2741395

Ion Ratio Lower Upper

142 100

141 90.4 70.7 106.1

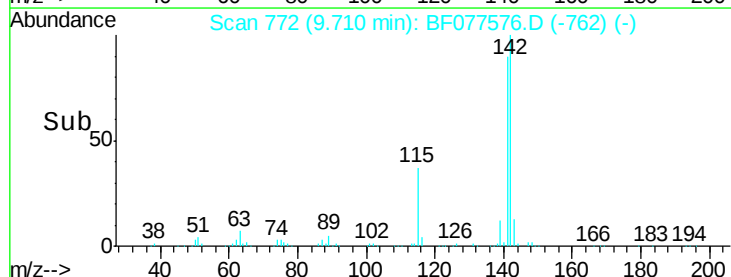
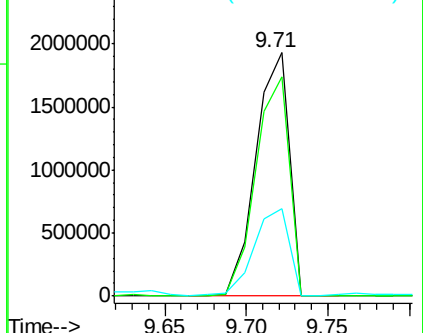
115 37.6 24.2 36.4#

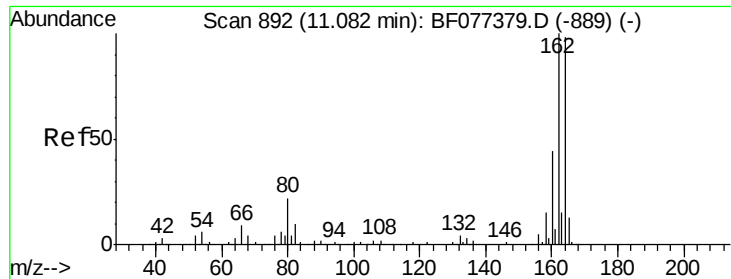


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

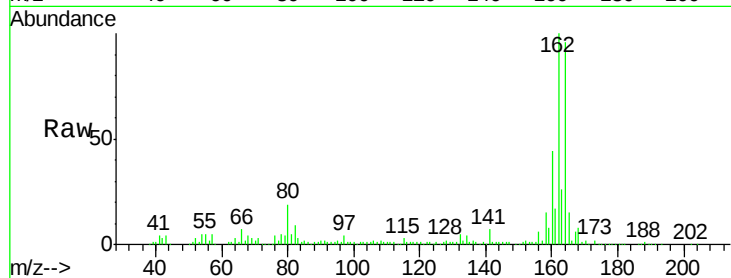




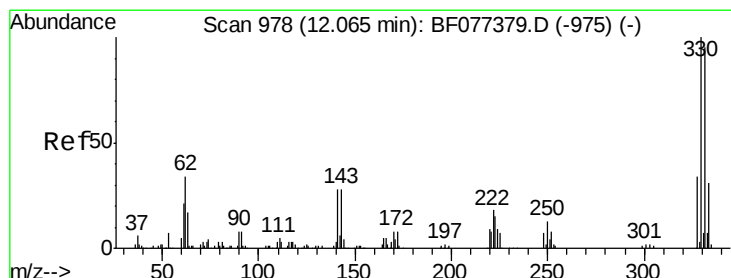
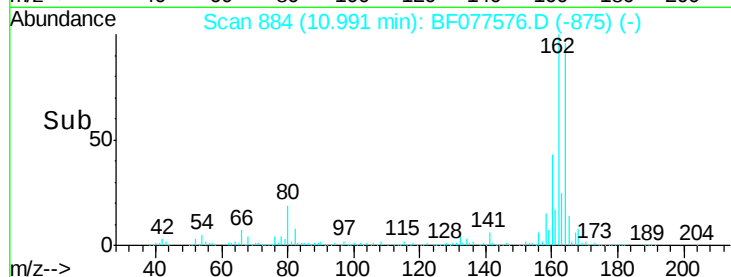
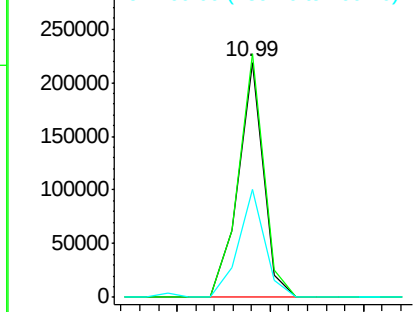
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 208085
Ion Ratio Lower Upper
164 100
162 103.7 83.2 124.8
160 45.8 34.6 52.0

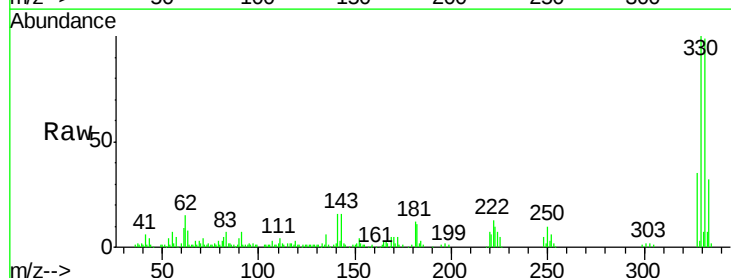


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

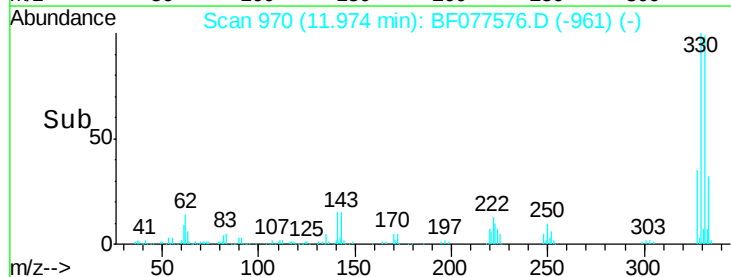
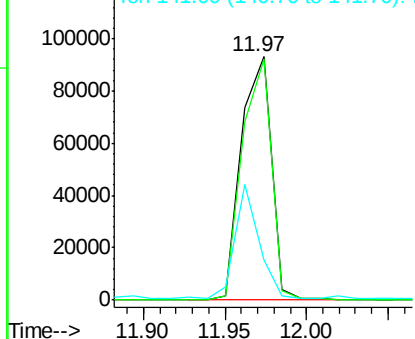


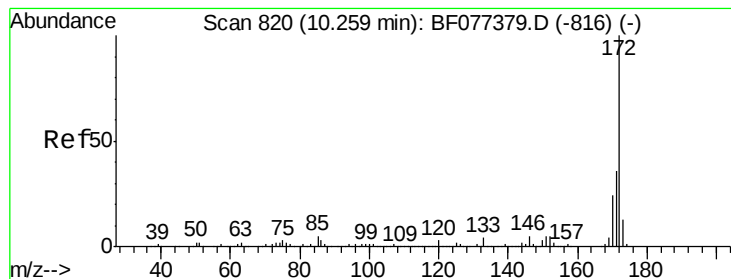
#41
2,4,6-Tribromophenol
Concen: 59.40 ng
RT: 11.97 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Tgt Ion:330 Resp: 119015
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 36.4 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: 42.33 ng

RT: 10.16 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

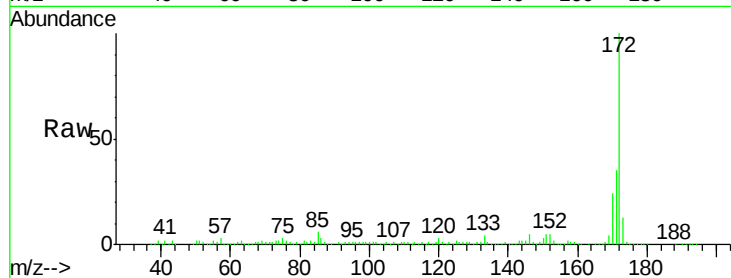
Tgt Ion:172 Resp: 564893

Ion Ratio Lower Upper

172 100

171 34.8 28.9 43.3

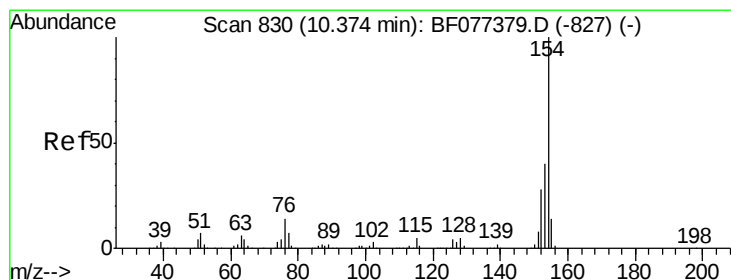
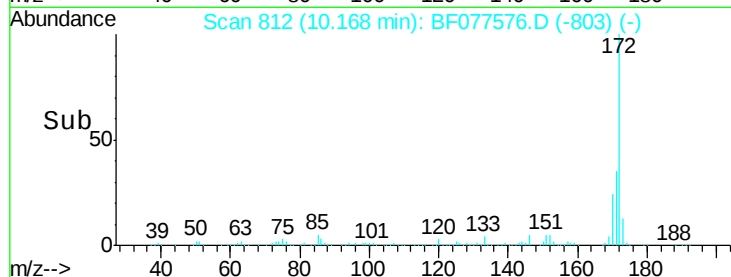
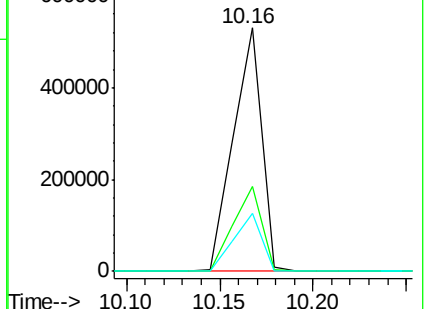
170 23.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 4.40 ng

RT: 10.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

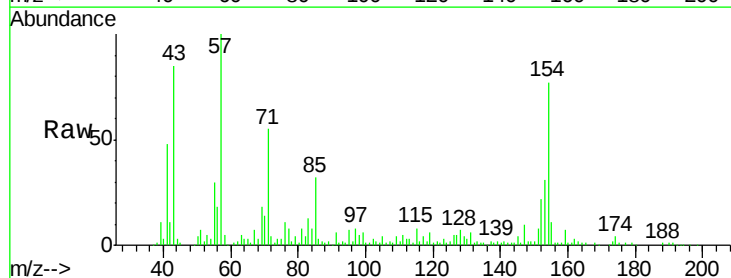
Tgt Ion:154 Resp: 69357

Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

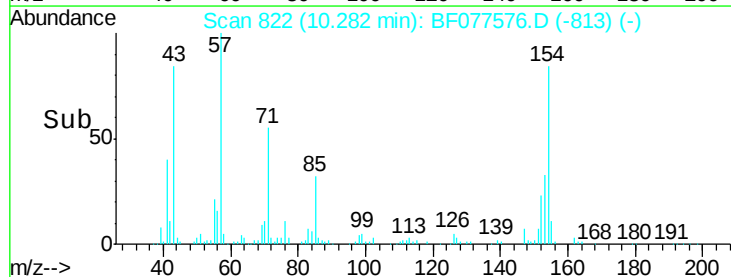
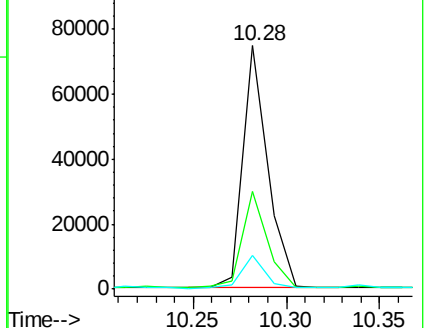
76 13.7 0.0 29.4

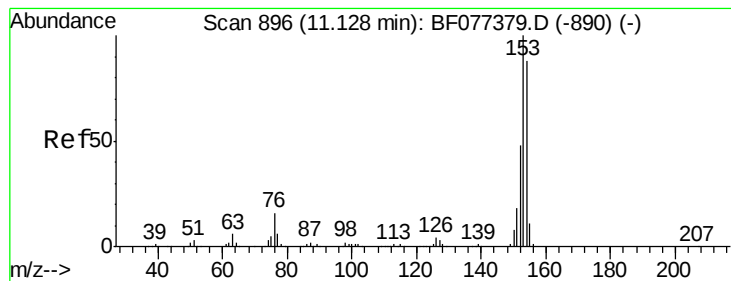


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#51

Acenaphthene

Concen: 3.83 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

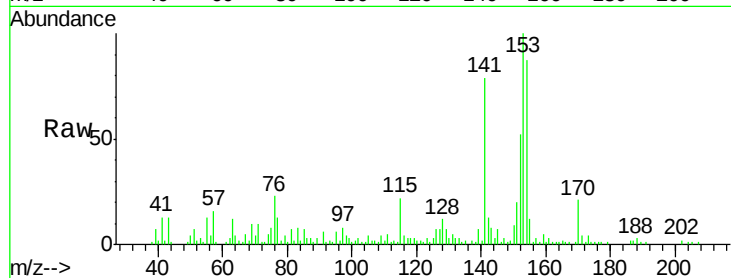
Tgt Ion:154 Resp: 44764

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

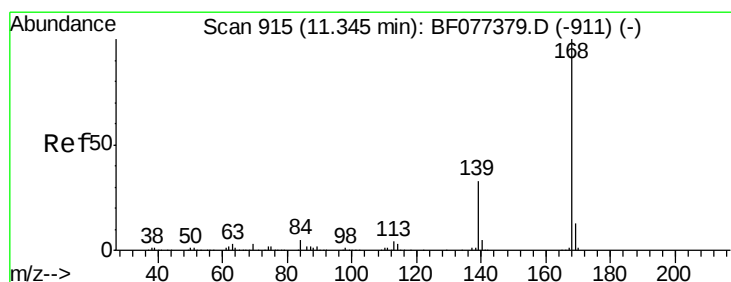
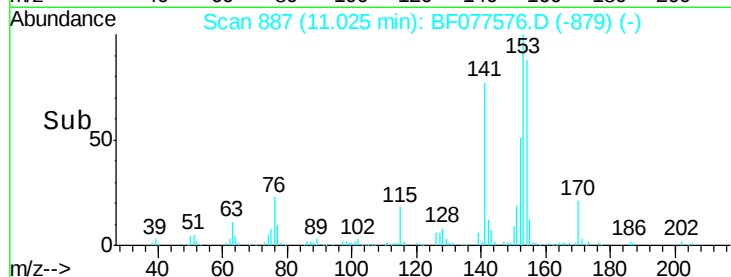
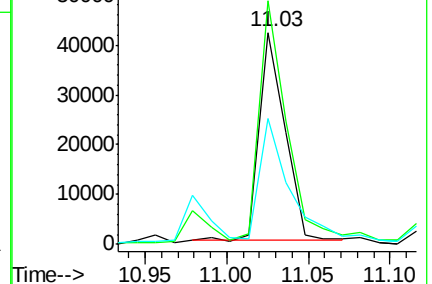
152 59.2 43.5 65.3



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



#54

Dibenzofuran

Concen: 3.25 ng

RT: 11.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

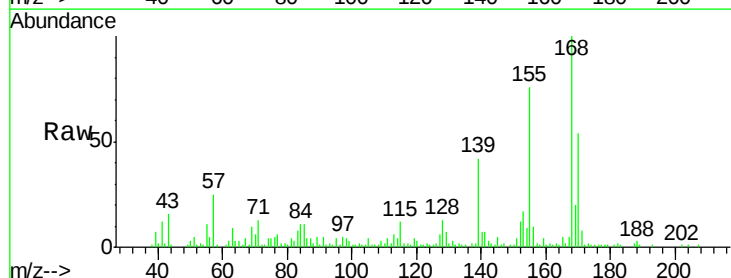
Tgt Ion:168 Resp: 58544

Ion Ratio Lower Upper

168 100

139 41.9 29.3 43.9

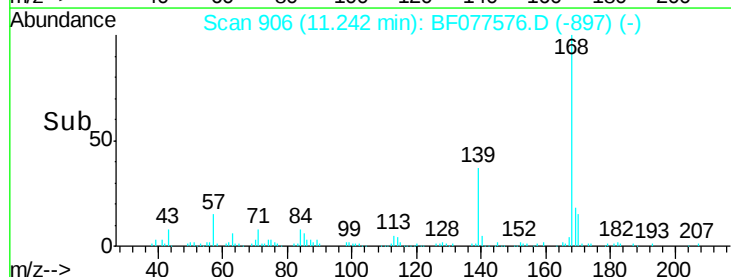
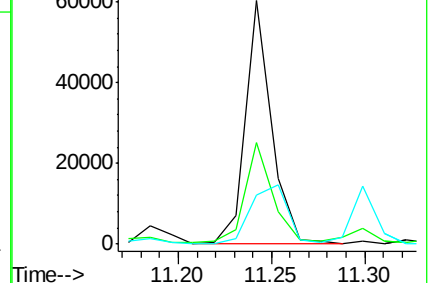
169 20.1 10.9 16.3#

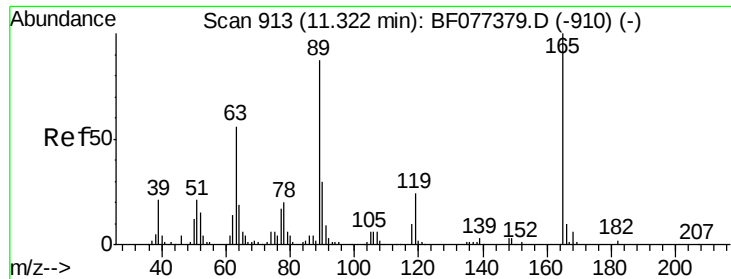


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

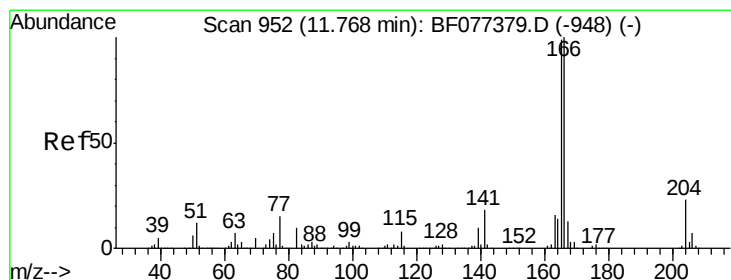
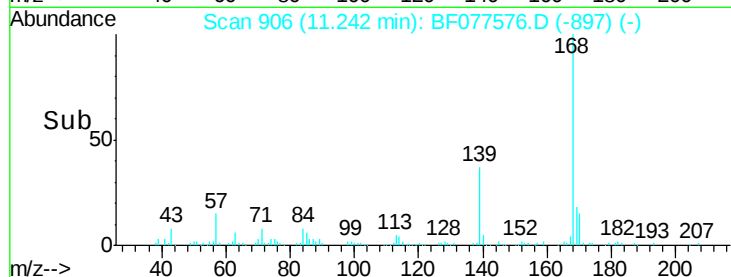
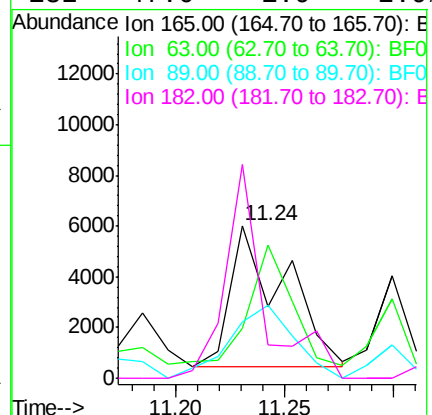
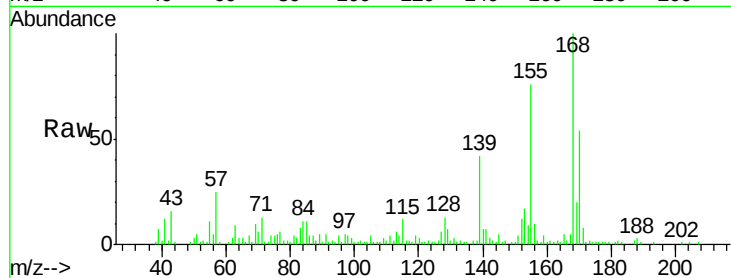




#56
2,4-Dinitrotoluene
Concen: 2.45 ng
RT: 11.24 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

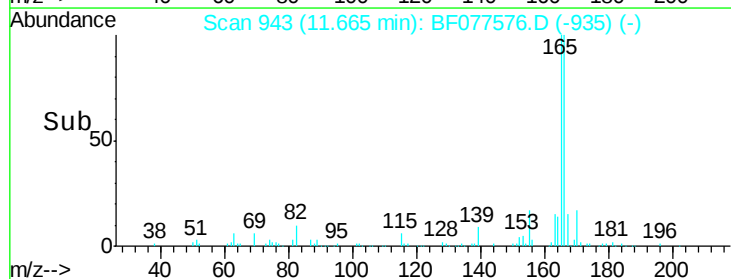
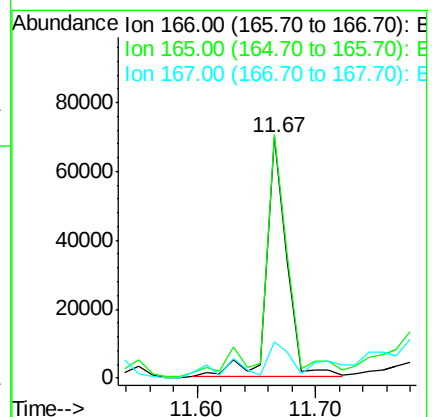
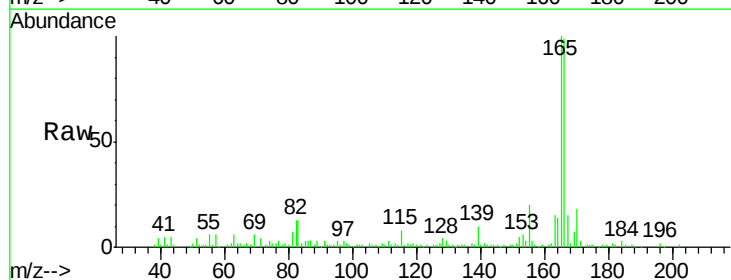
Instrument :
BNA_F
ClientSampleId :
TP-2

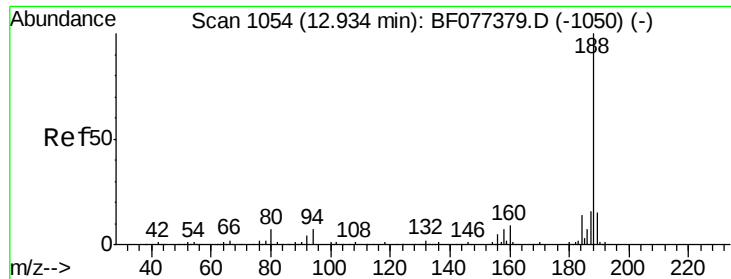
Tgt Ion:165 Resp: 9726
Ion Ratio Lower Upper
165 100
63 184.3 29.8 44.8#
89 101.9 48.5 72.7#
182 47.0 1.9 2.9#



#57
Fluorene
Concen: 5.61 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Tgt Ion:166 Resp: 80842
Ion Ratio Lower Upper
166 100
165 101.2 77.6 116.4
167 15.0 10.6 16.0

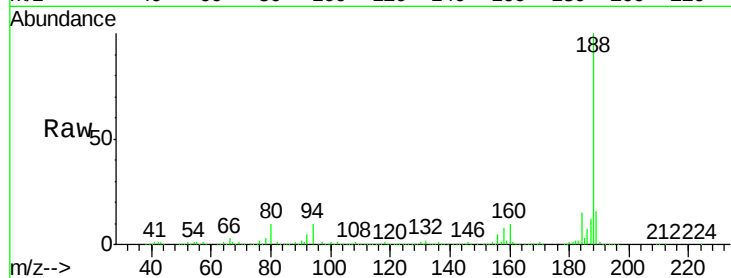




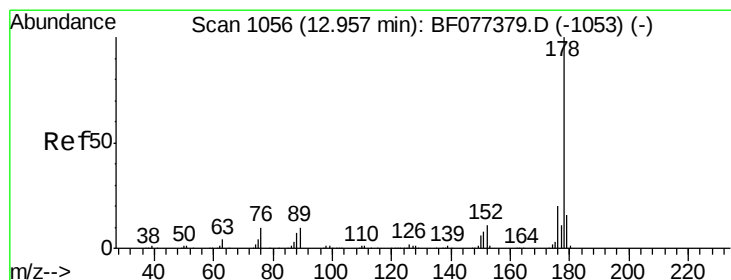
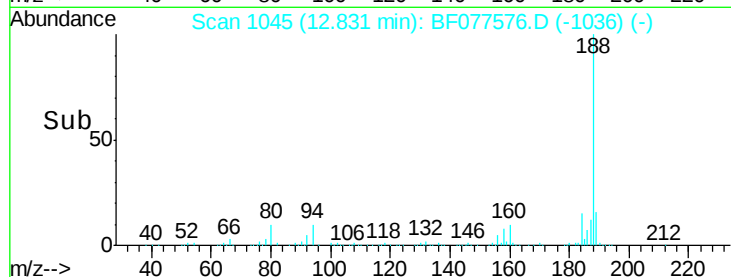
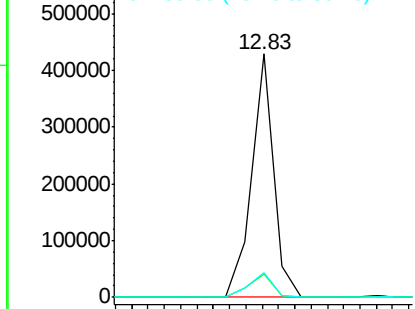
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Instrument :
BNA_F
ClientSampled :
TP-2

Tgt Ion:188 Resp: 399964
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.0 12.0

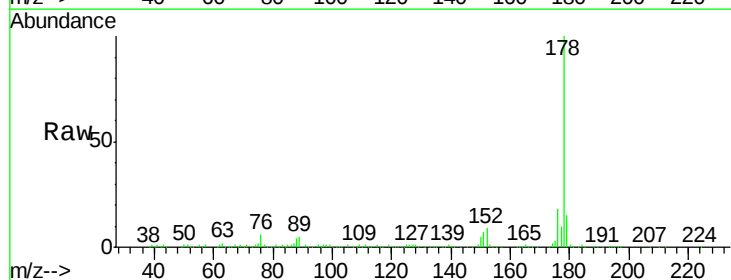


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

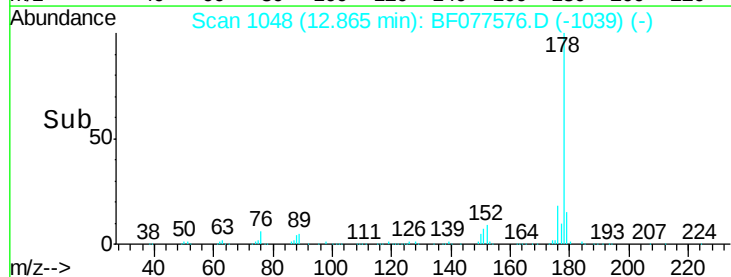
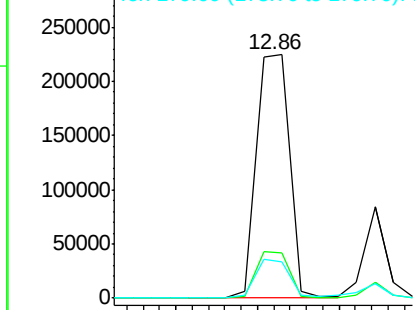


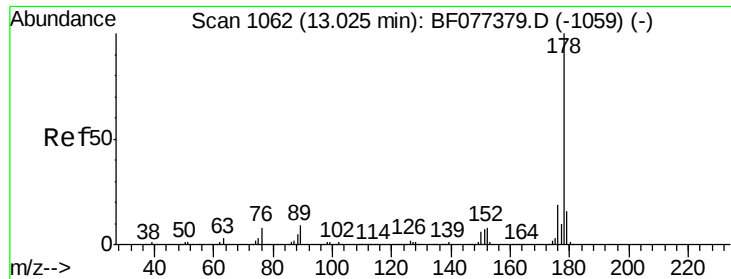
#70
Phenanthrene
Concen: 13.64 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Tgt Ion:178 Resp: 316284
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.0 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

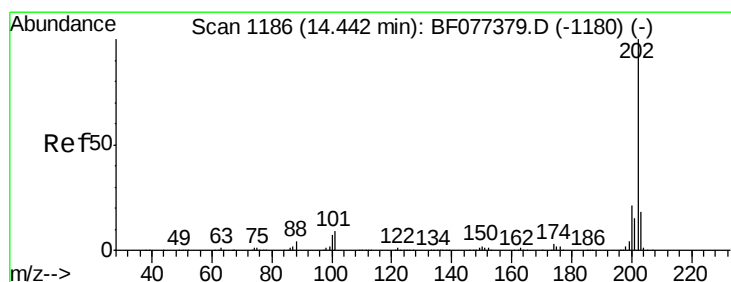
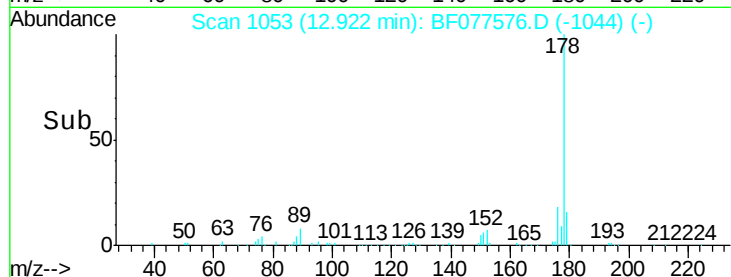
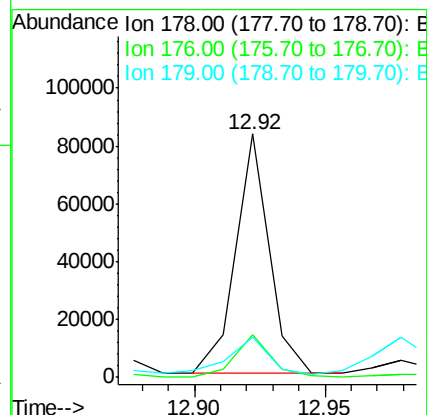
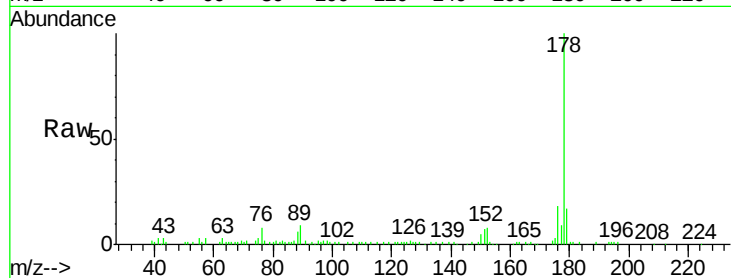




#71
 Anthracene
 Concen: 3.26 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

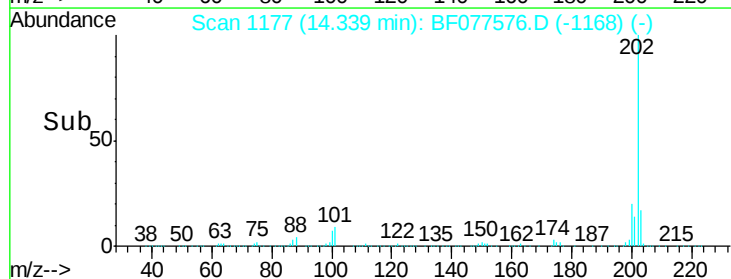
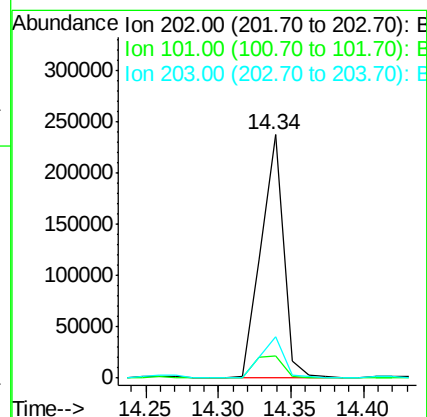
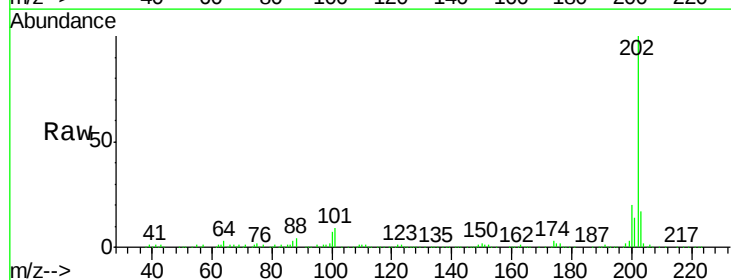
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

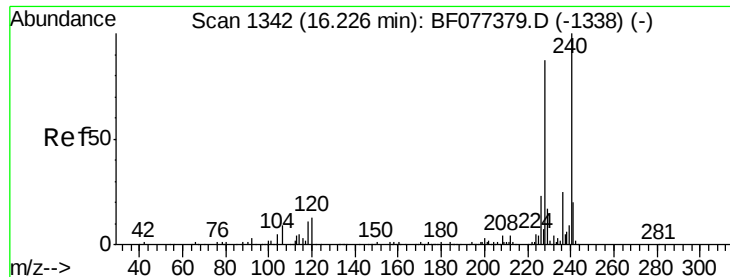
Tgt Ion:178 Resp: 75054
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.0
 179 16.6 12.9 19.3



#74
 Fluoranthene
 Concen: 10.13 ng
 RT: 14.34 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

Tgt Ion:202 Resp: 256490
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 30.8
 203 17.3 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

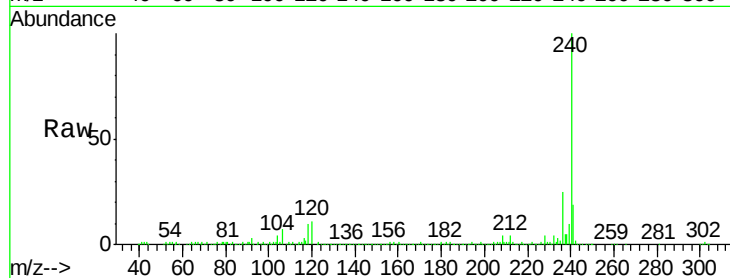
Tgt Ion:240 Resp: 362056

Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

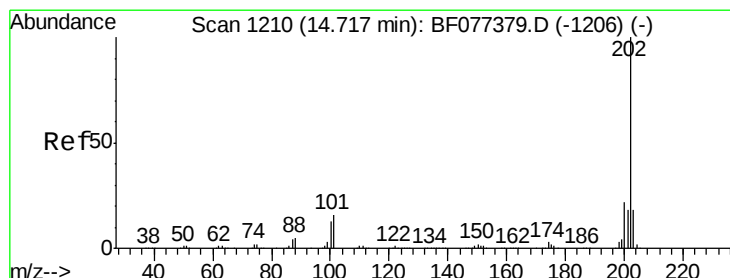
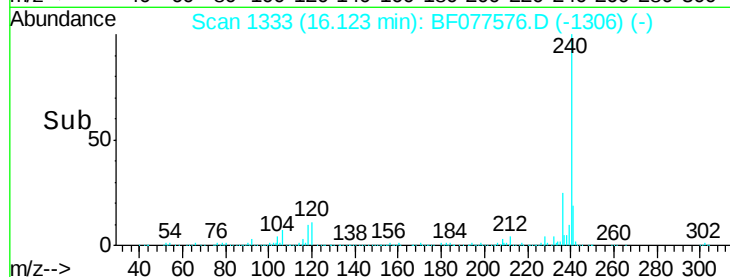
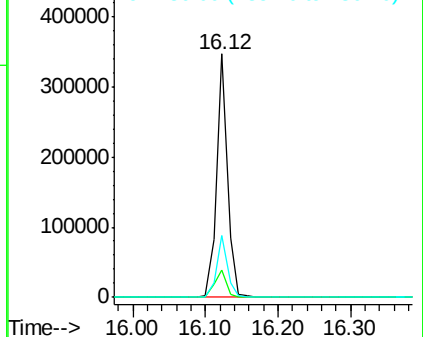
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.42 ng

RT: 14.62 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

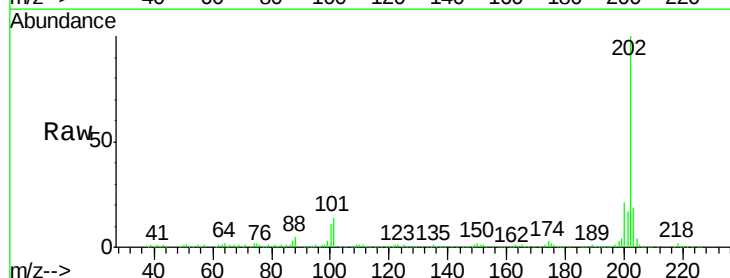
Tgt Ion:202 Resp: 230744

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

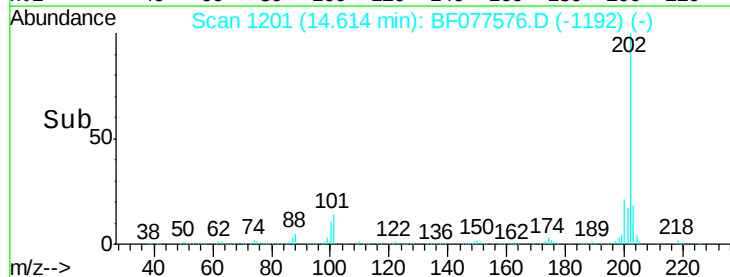
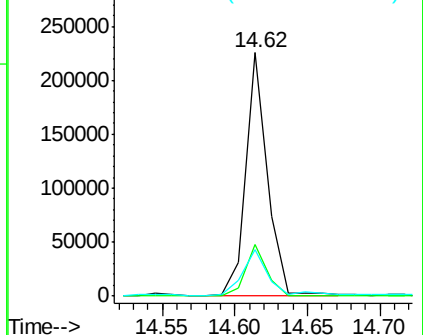
203 19.0 14.2 21.2

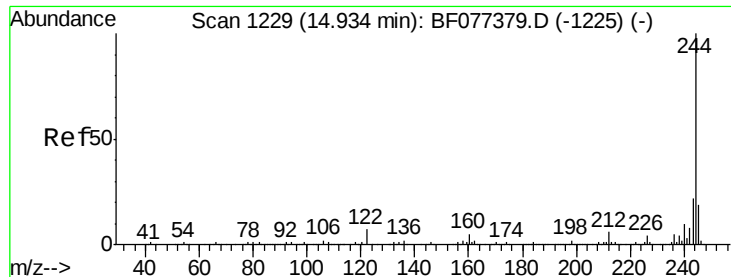


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

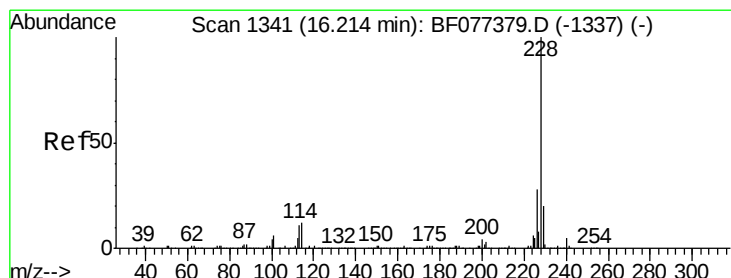
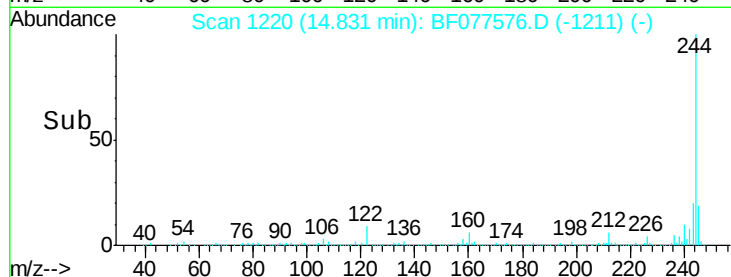
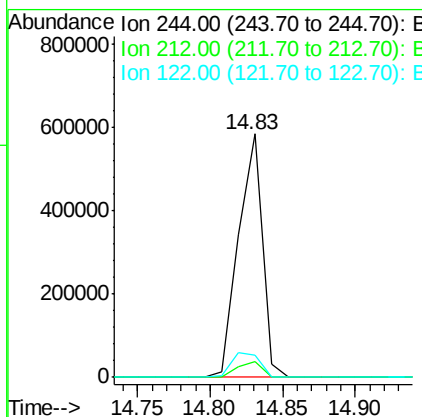
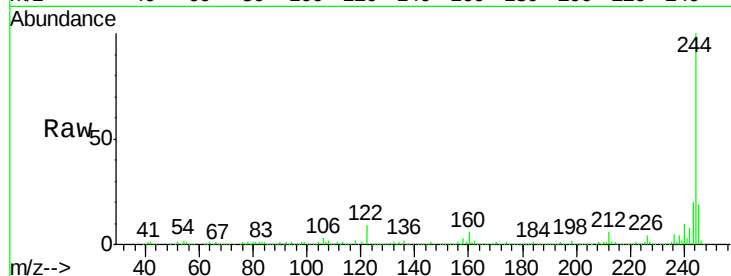




#78
 Terphenyl-d14
 Concen: 43.12 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

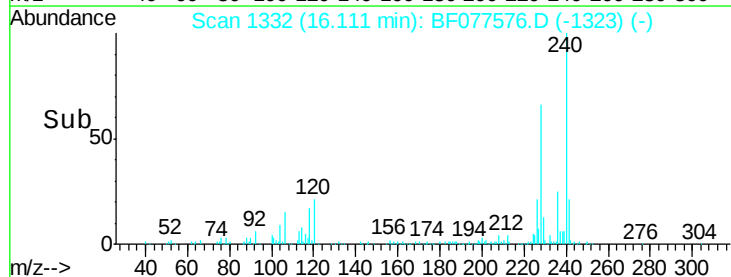
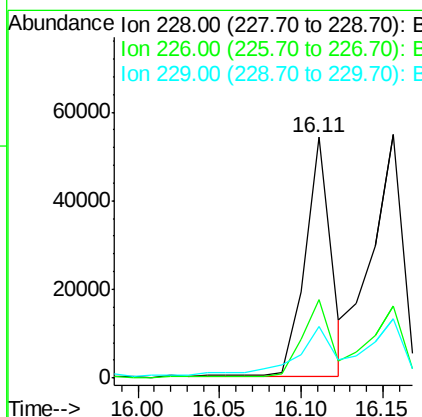
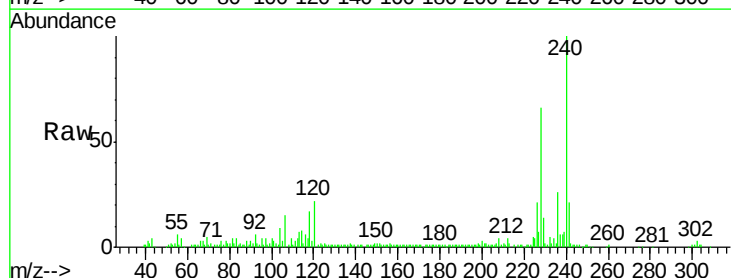
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

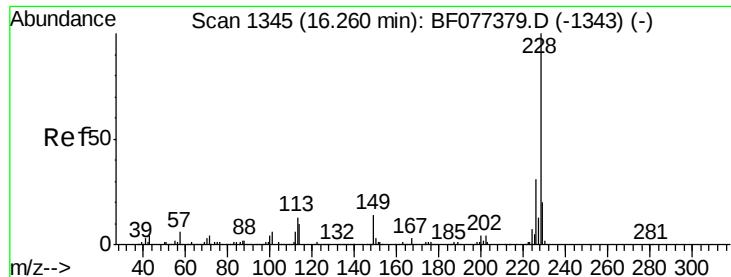
Tgt Ion:244 Resp: 667832
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 9.1 7.8 11.8



#80
 Benzo(a)anthracene
 Concen: 2.85 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077576.D
 Acq: 4 Mar 2015 6:42

Tgt Ion:228 Resp: 60456
 Ion Ratio Lower Upper
 228 100
 226 32.4 22.0 33.0
 229 21.2 15.8 23.8





#82

Chrysene

Concen: 2.93 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.04 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

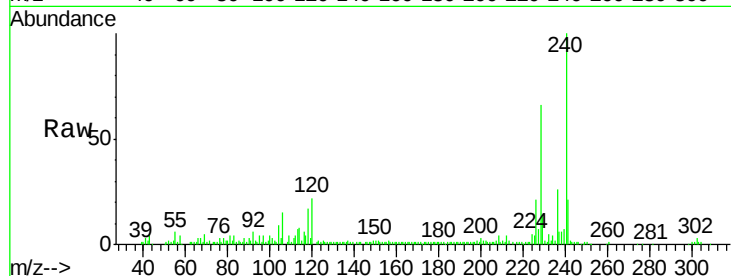
Tgt Ion:228 Resp: 58431

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

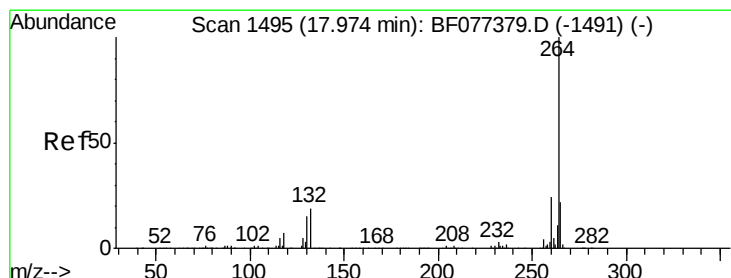
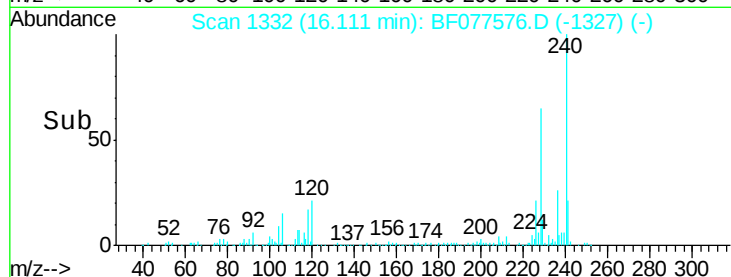
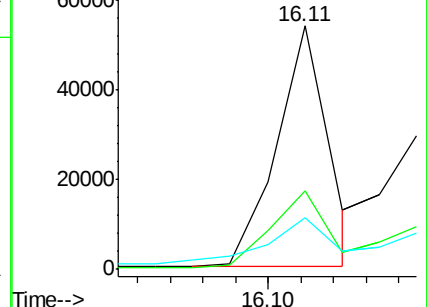
229 21.2 16.4 24.6



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: 17.88 min Scan# 1487

Delta R.T. 0.06 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

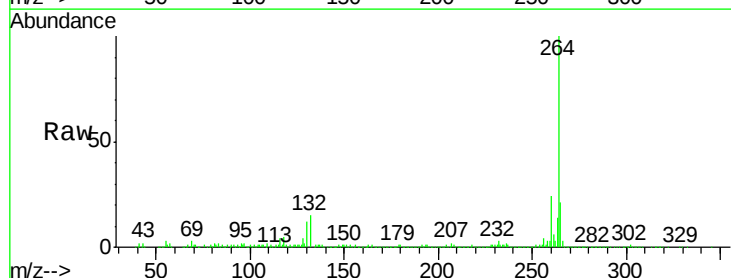
Tgt Ion:264 Resp: 366304

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

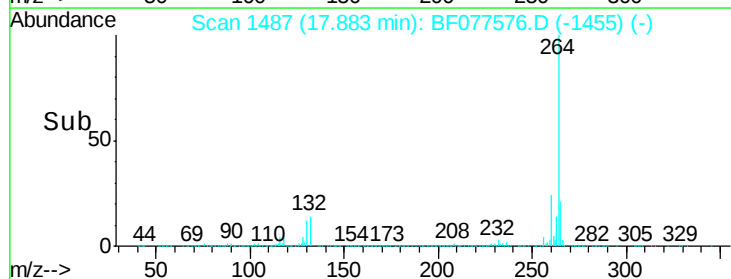
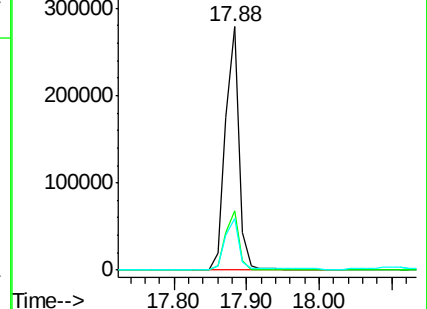
265 21.2 16.8 25.2

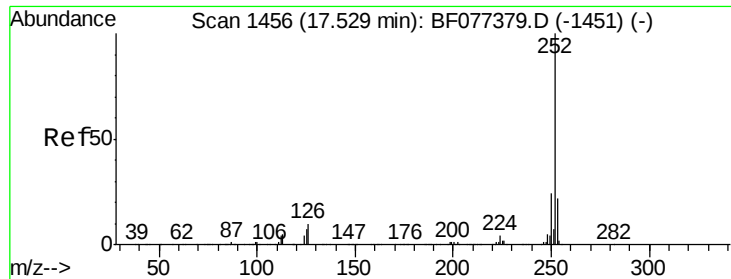


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

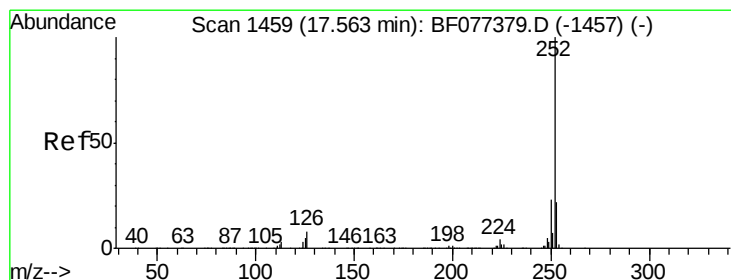
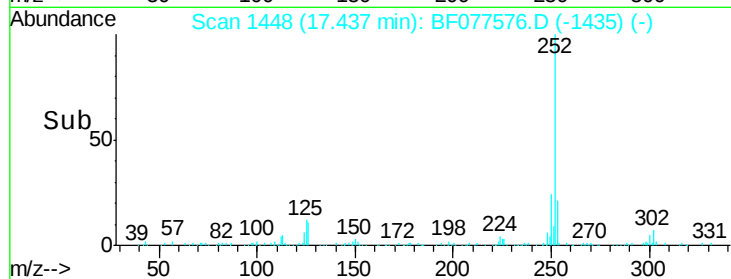
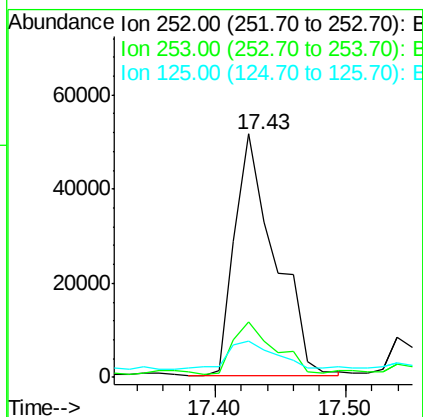
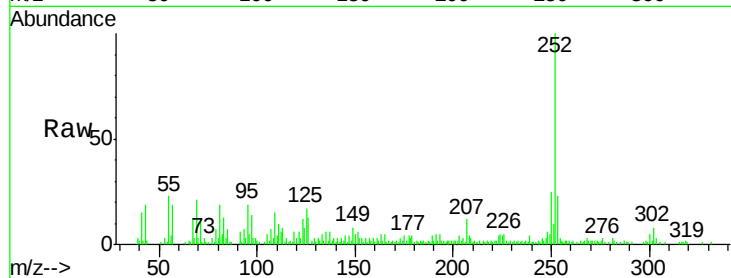




#87
Benzo(b)fluoranthene
Concen: 5.19 ng
RT: 17.43 min Scan# 1448
Delta R.T. 0.05 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

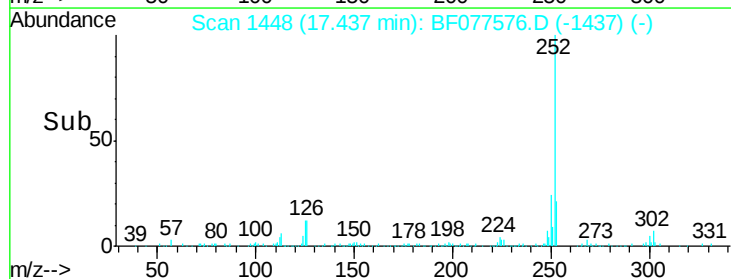
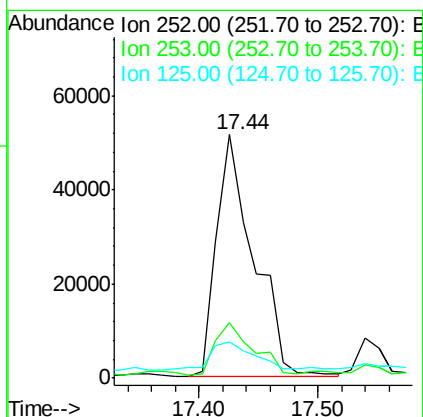
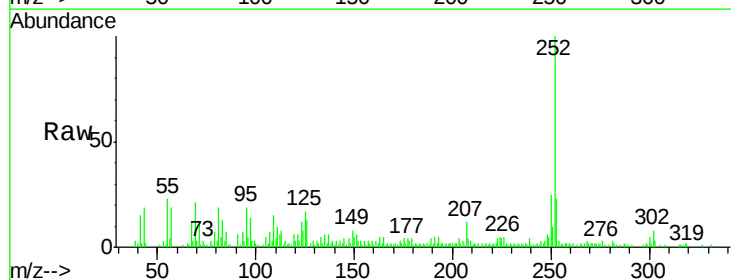
Instrument :
BNA_F
ClientSampleId :
TP-2

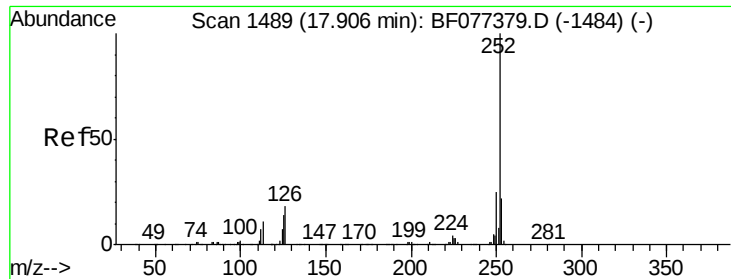
Tgt Ion:252 Resp: 110498
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 17.3 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 5.30 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF077576.D
Acq: 4 Mar 2015 6:42

Tgt Ion:252 Resp: 110544
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 17.3 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 2.48 ng

RT: 17.81 min Scan# 1481

Delta R.T. 0.05 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

TP-2

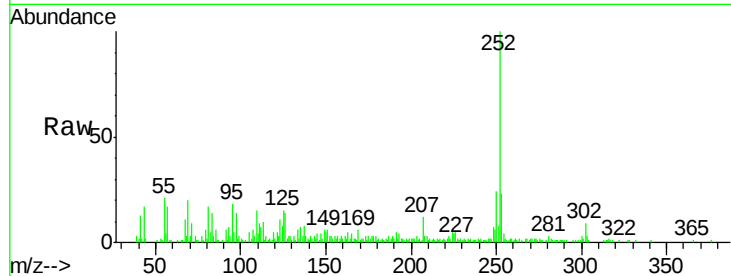
Tgt Ion:252 Resp: 50320

Ion Ratio Lower Upper

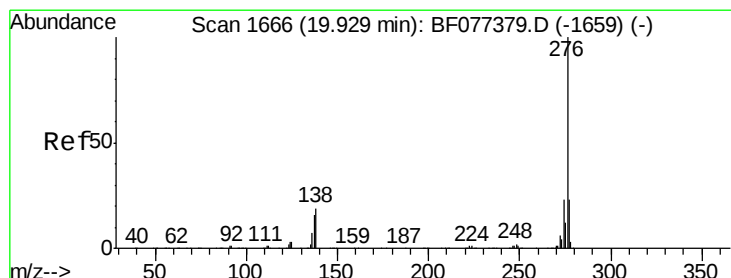
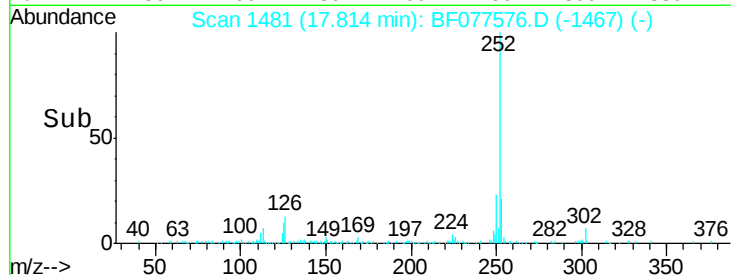
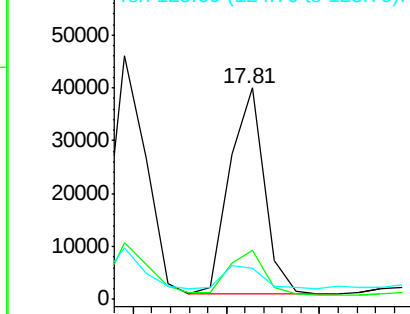
252 100

253 23.3 18.2 27.2

125 14.6 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



#91

Benzo(g,h,i)perylene

Concen: 2.15 ng

RT: 19.74 min Scan# 1650

Delta R.T. 0.06 min

Lab File: BF077576.D

Acq: 4 Mar 2015 6:42

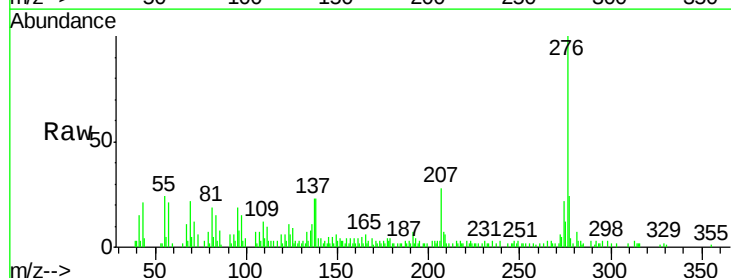
Tgt Ion:276 Resp: 41940

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 22.7 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

