

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075533.D
 Acq On : 15 Nov 2014 11:07
 Operator : TP / JJ
 Sample : F4724-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

Quant Time: Nov 16 02:37:00 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46828	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	195414	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	107217	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	179989	20.00	ng	0.00
75) Chrysene-d12	16.45	240	198004	20.00	ng	-0.01
86) Perylene-d12	18.19	264	211506	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.84	112	239394	90.31	ng	0.01
7) Phenol-d6	7.09	99	369880	116.04	ng	0.00
23) Nitrobenzene-d5	8.24	82	298365	111.94	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	84921	94.56	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	392612	66.17	ng	0.00
78) Terphenyl-d14	15.16	244	422221	57.41	ng	0.00

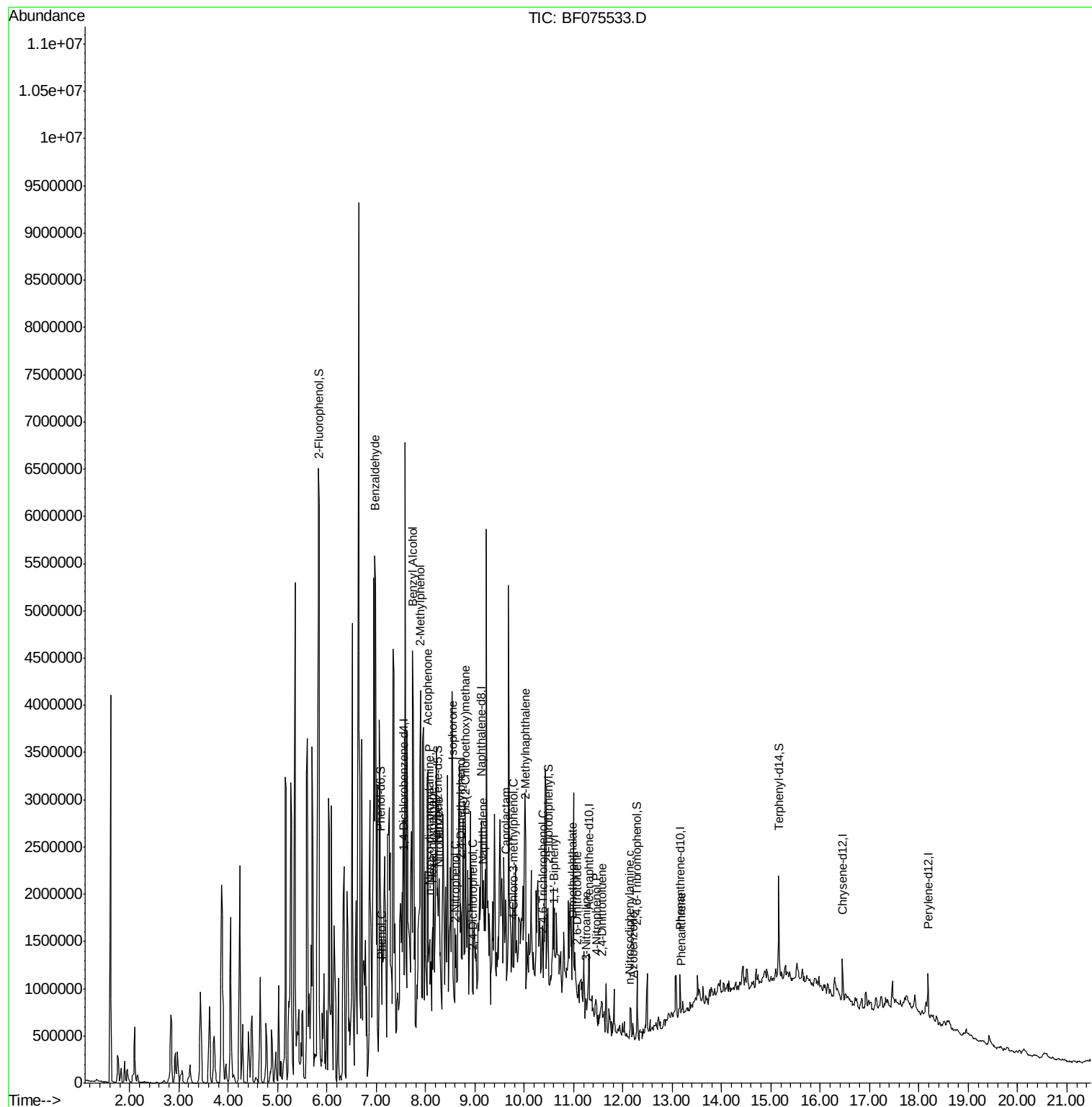
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.97	77	159473	74.38	ng	# 1
10) Phenol	7.11	94	8117	2.09	ng	# 51
15) Benzyl Alcohol	7.74	79	12318	4.92	ng	# 37
17) 2-Methylphenol	7.90	107	7762	3.06	ng	# 1
18) Hexachloroethane	8.14	117	32571	27.93	ng	# 1
19) n-Nitroso-di-n-propylamine	8.08	70	77973	35.90	ng	# 50
22) Acetophenone	8.05	105	491010	116.47	ng	# 52
24) Nitrobenzene	8.26	77	24946	8.08	ng	# 55
25) Isophorone	8.55	82	103748	17.05	ng	# 1
26) 2-Nitrophenol	8.61	139	4615	3.28	ng	# 1
27) 2,4-Dimethylphenol	8.71	122	15797	5.79	ng	# 42
28) bis(2-Chloroethoxy)methane	8.81	93	9016	2.43	ng	# 1
29) 2,4-Dichlorophenol	8.96	162	9703	4.06	ng	# 19
31) Naphthalene	9.16	128	424453	48.72	ng	# 98
35) Caprolactam	9.62	113	7619	9.62	ng	# 1
36) 4-Chloro-3-methylphenol	9.78	107	8455	3.22	ng	# 28
37) 2-Methylnaphthalene	10.02	142	442868	74.51	ng	# 97
42) 2,4,6-Trichlorophenol	10.38	196	4246	2.42	ng	# 13
45) 1,1'-Biphenyl	10.60	154	48801	6.75	ng	# 99
49) Dimethylphthalate	10.97	163	32290	4.41	ng	# 88
50) 2,6-Dinitrotoluene	11.06	165	3530	2.45	ng	# 37
52) 3-Nitroaniline	11.26	138	4261	2.50	ng	# 28
55) 4-Nitrophenol	11.45	139	6081	4.47	ng	# 1
56) 2,4-Dinitrotoluene	11.57	165	7480	3.94	ng	# 45
62) Azobenzene	12.21	77	20162	3.01	ng	# 1
65) n-Nitrosodiphenylamine	12.14	169	22135	3.89	ng	# 45
70) Phenanthrene	13.19	178	20216	2.13	ng	# 75

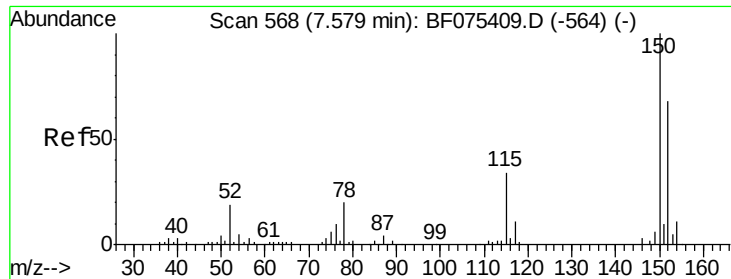
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

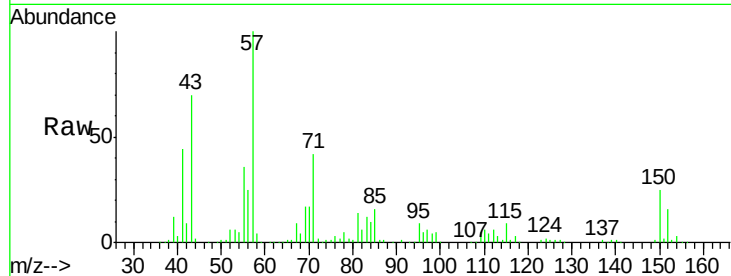
Tgt Ion:152 Resp: 46828

Ion Ratio Lower Upper

152 100

150 157.4 127.2 190.8

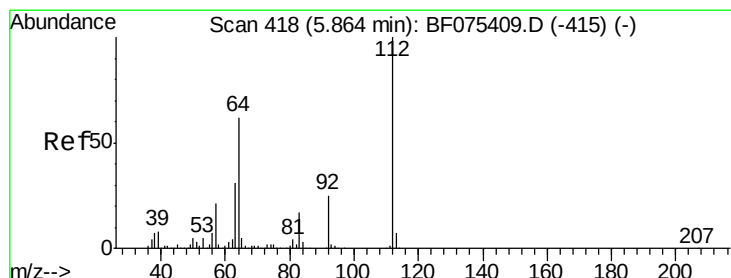
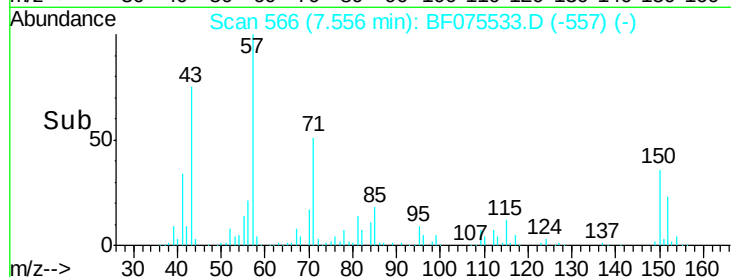
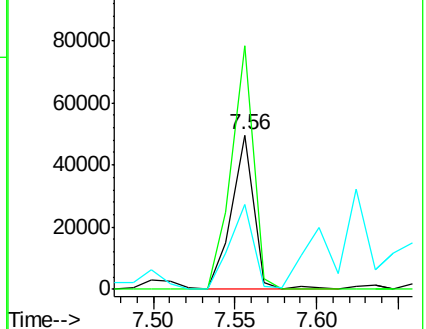
115 55.2 57.1 85.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 90.31 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

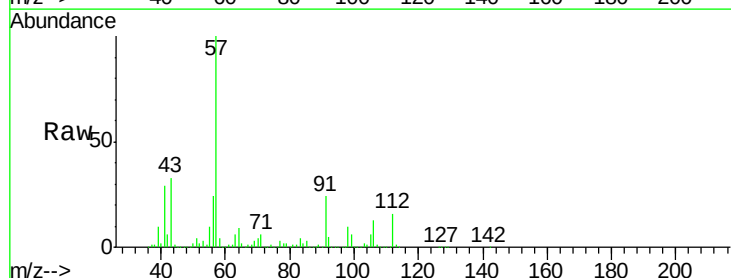
Tgt Ion:112 Resp: 239394

Ion Ratio Lower Upper

112 100

64 60.8 45.8 68.6

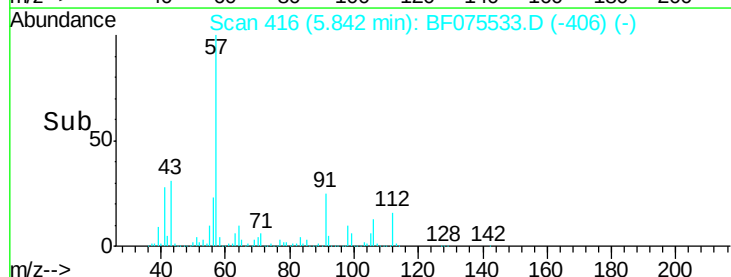
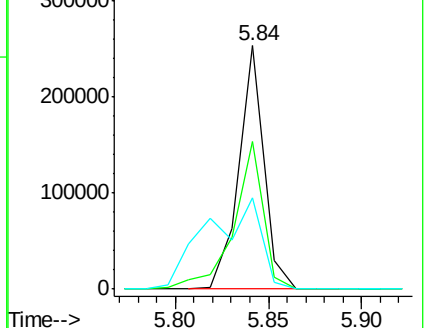
63 37.7 22.7 34.1#

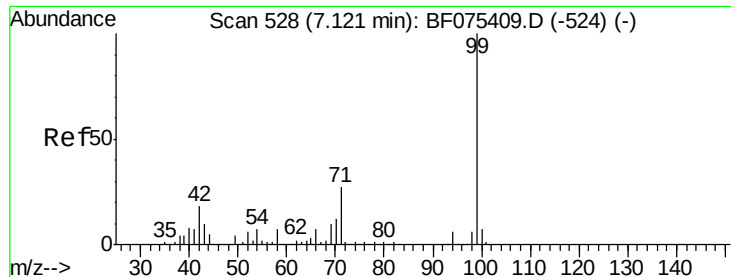


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.04 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

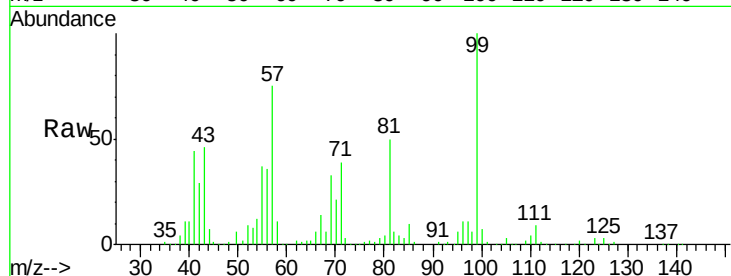
Tgt Ion: 99 Resp: 369880

Ion Ratio Lower Upper

99 100

42 28.8 19.8 29.6

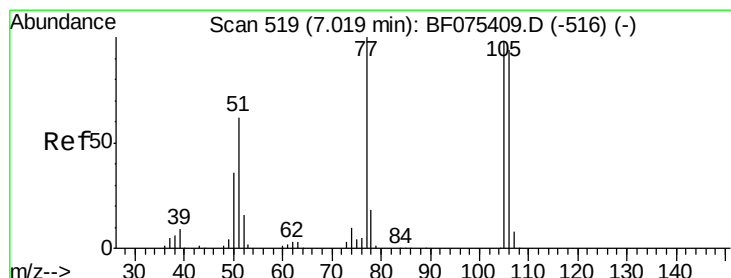
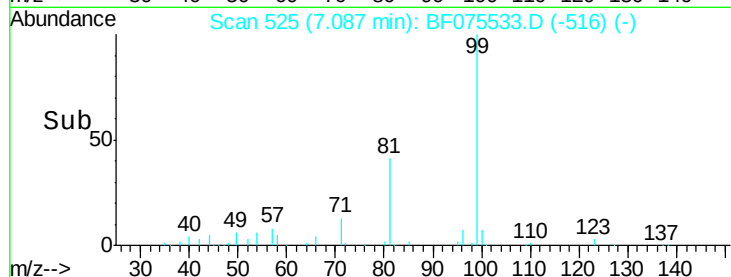
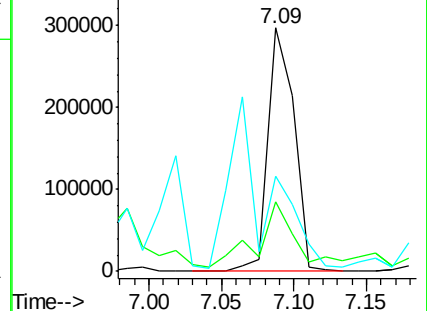
71 38.9 25.5 38.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 74.38 ng

RT: 6.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

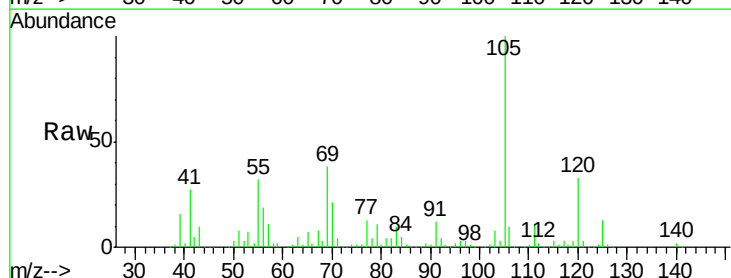
Tgt Ion: 77 Resp: 159473

Ion Ratio Lower Upper

77 100

105 764.6 81.6 121.6#

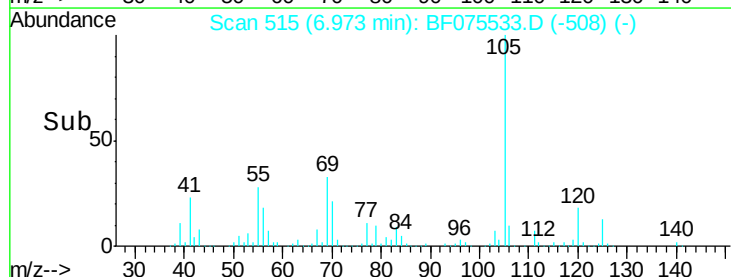
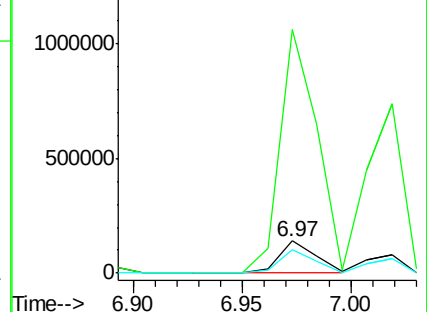
106 73.0 77.5 117.5#

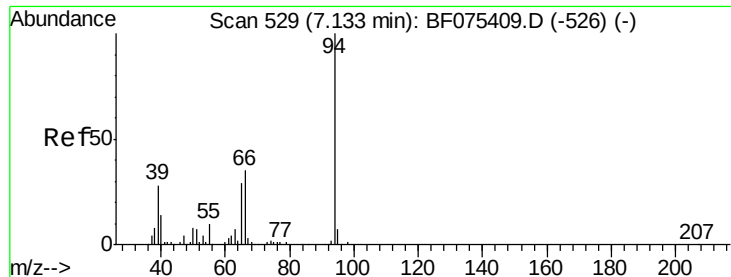


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

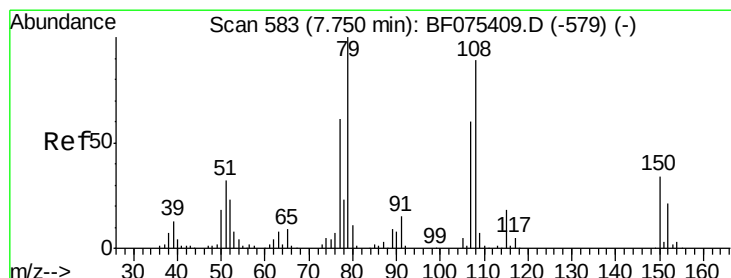
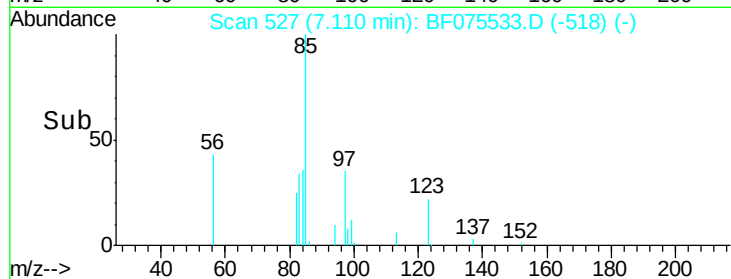
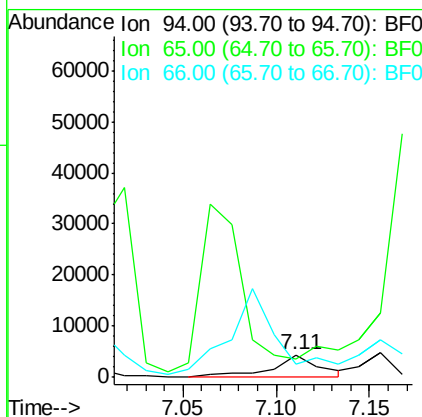
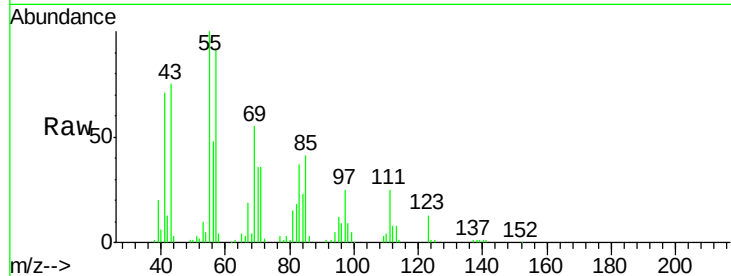




#10
Phenol
Concen: 2.09 ng
RT: 7.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

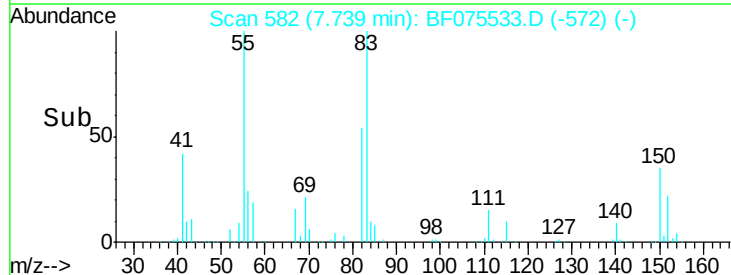
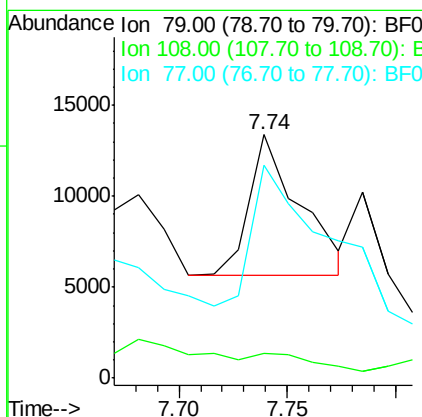
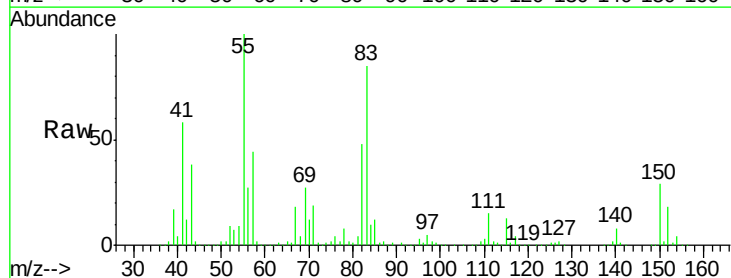
Instrument :
BNA_F
ClientSampleId :
S10-0041

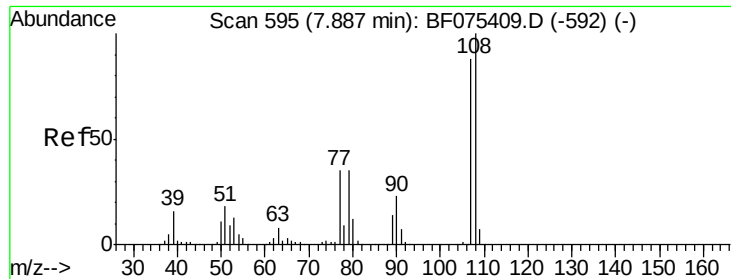
Tgt Ion: 94 Resp: 8117
Ion Ratio Lower Upper
94 100
65 78.9 13.1 53.1#
66 55.7 20.8 60.8



#15
Benzyl Alcohol
Concen: 4.92 ng
RT: 7.74 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Tgt Ion: 79 Resp: 12318
Ion Ratio Lower Upper
79 100
108 10.0 75.5 113.3#
77 87.7 52.1 78.1#





#17

2-Methylphenol

Concen: 3.06 ng

RT: 7.90 min Scan# 596

Delta R.T. 0.03 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

Tgt Ion:107 Resp: 7762

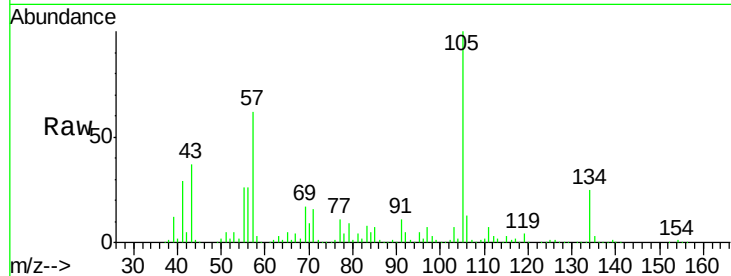
Ion Ratio Lower Upper

107 100

108 8.7 95.6 143.4#

77 1297.6 30.2 45.4#

79 997.2 31.3 46.9#



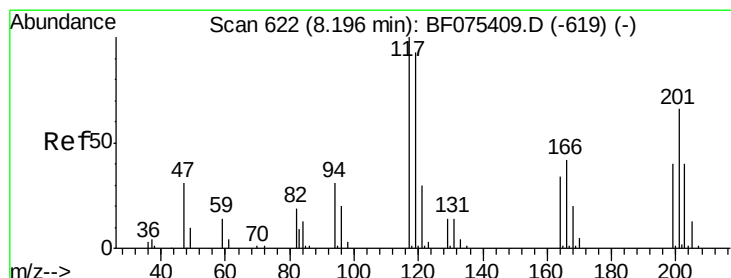
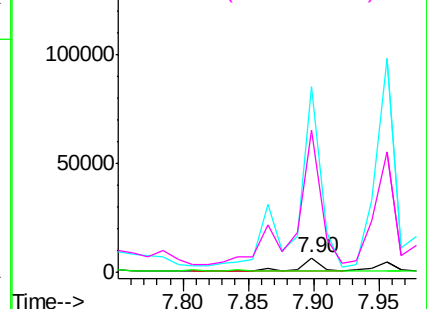
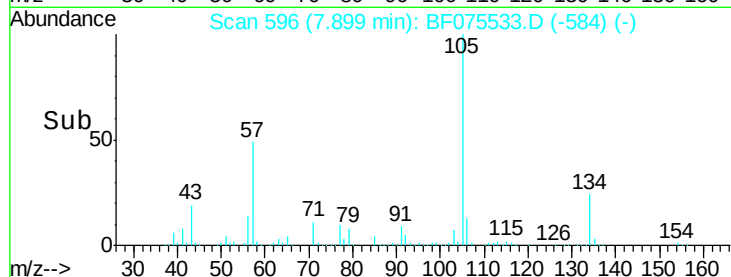
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 27.93 ng

RT: 8.14 min Scan# 617

Delta R.T. -0.03 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

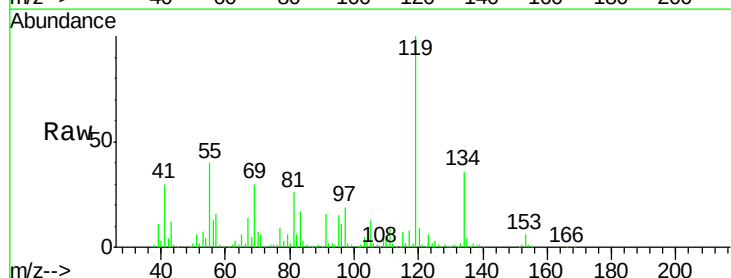
Tgt Ion:117 Resp: 32571

Ion Ratio Lower Upper

117 100

119 1181.3 72.9 109.3#

201 0.0 48.2 72.4#

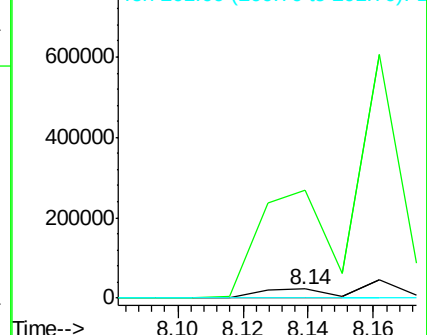
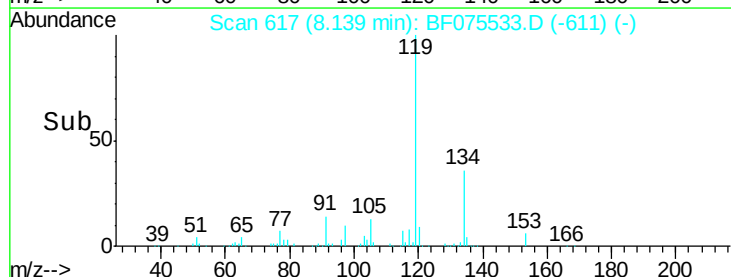


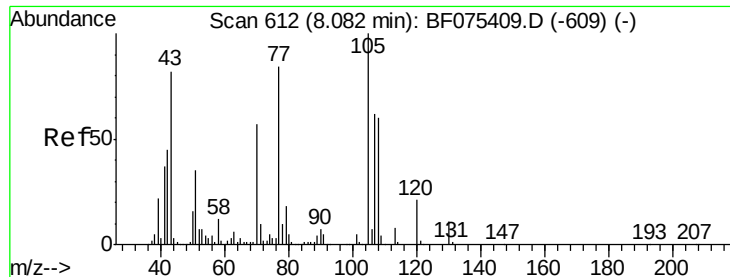
Abundance

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

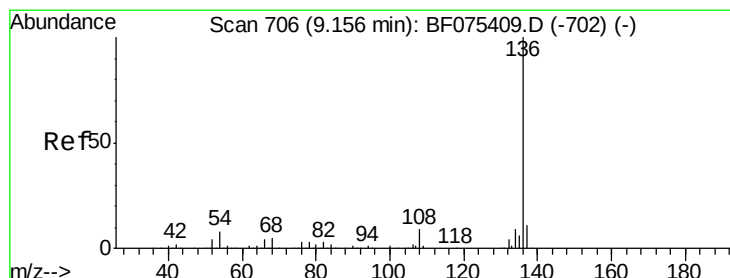
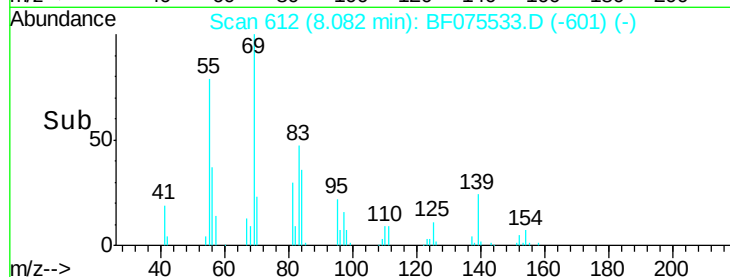
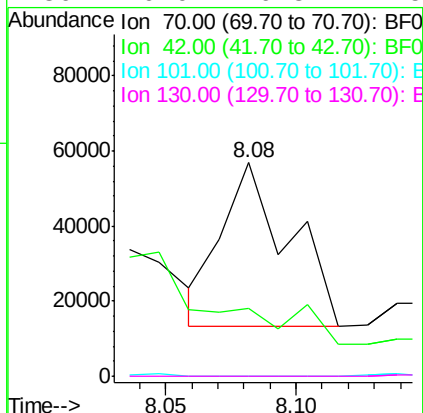
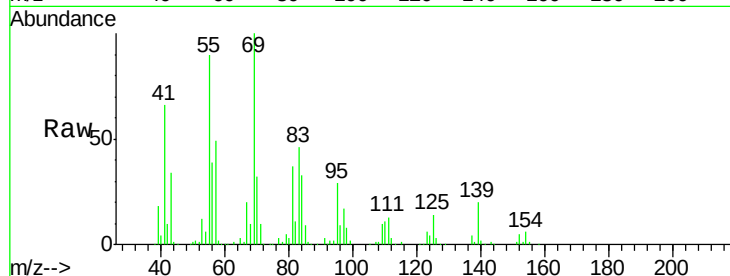




#19
n-Nitroso-di-n-propylamine
Concen: 35.90 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.02 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

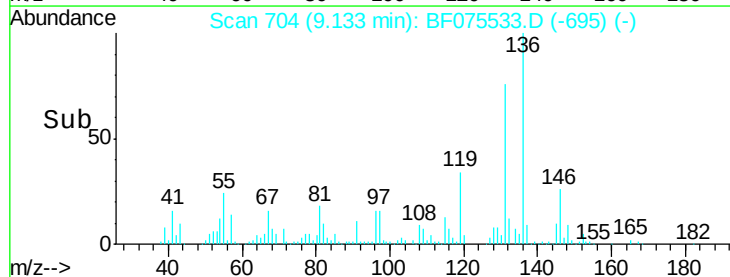
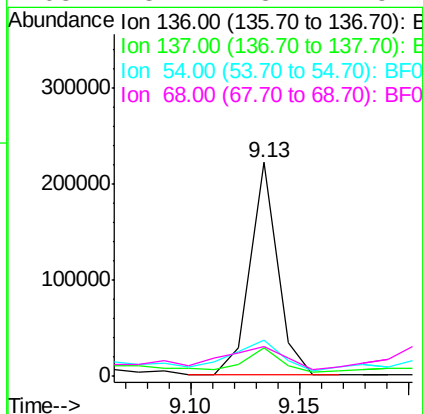
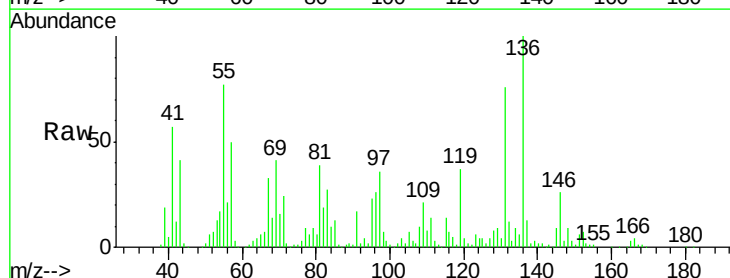
Instrument :
BNA_F
ClientSampleId :
S10-0041

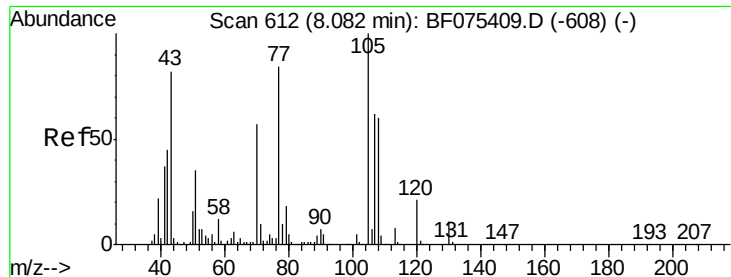
Tgt Ion: 70 Resp: 77973
Ion Ratio Lower Upper
70 100
42 31.6 63.0 94.6#
101 0.0 7.5 11.3#
130 0.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Tgt Ion: 136 Resp: 195414
Ion Ratio Lower Upper
136 100
137 13.3 8.2 12.4#
54 16.8 6.2 9.4#
68 13.7 3.4 5.2#





#22

Acetophenone

Concen: 116.47 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

Tgt Ion:105 Resp: 491010

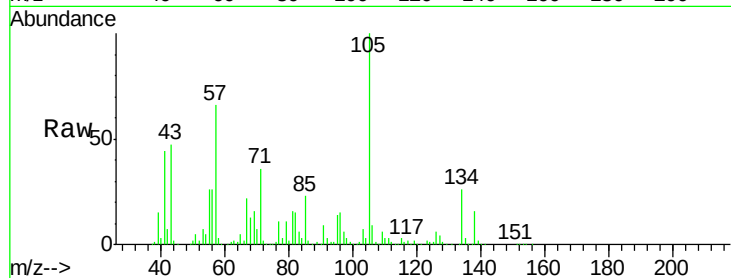
Ion Ratio Lower Upper

105 100

71 35.7 10.5 15.7#

51 5.0 24.2 36.2#

120 0.2 17.5 26.3#



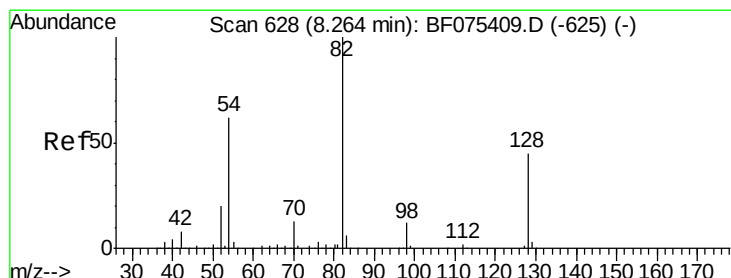
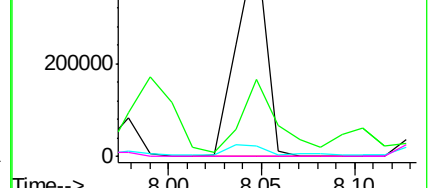
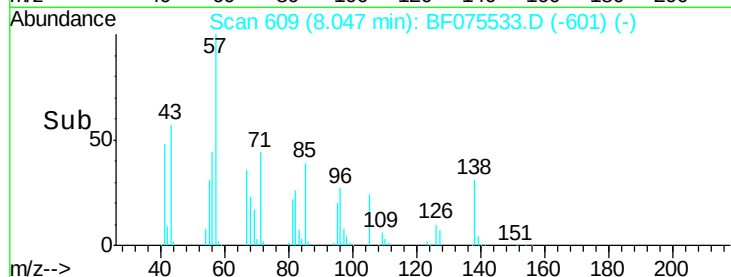
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 111.94 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

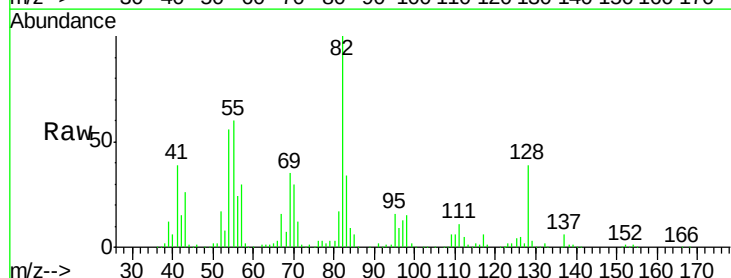
Tgt Ion: 82 Resp: 298365

Ion Ratio Lower Upper

82 100

128 38.7 37.8 56.6

54 56.1 49.8 74.8

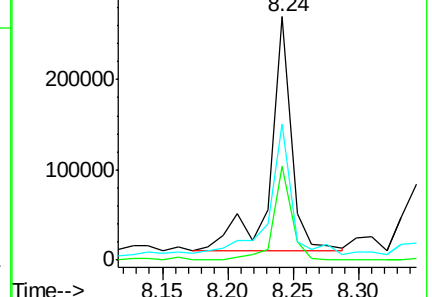
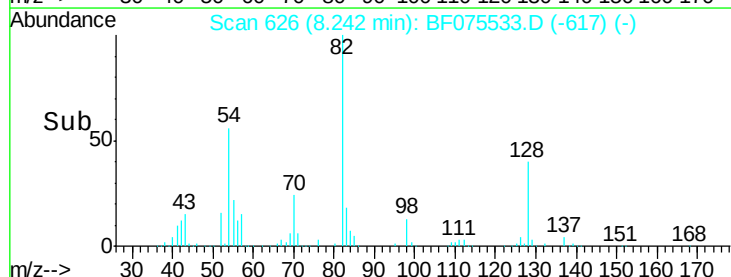


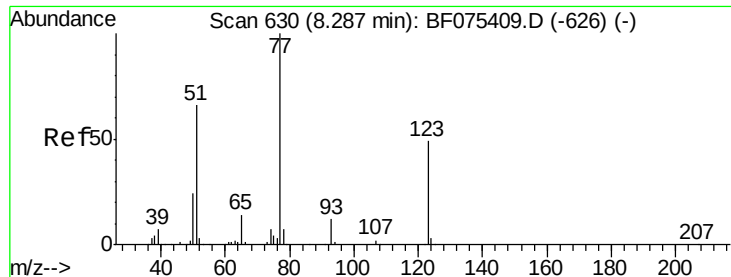
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 8.08 ng

RT: 8.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampled :

S10-0041

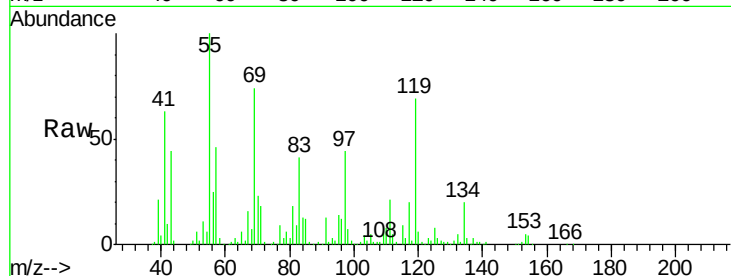
Tgt Ion: 77 Resp: 24946

Ion Ratio Lower Upper

77 100

123 36.5 39.0 58.4#

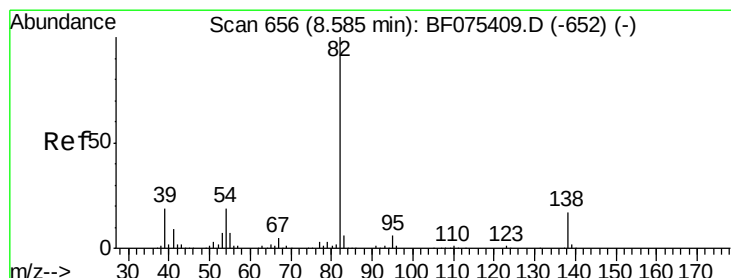
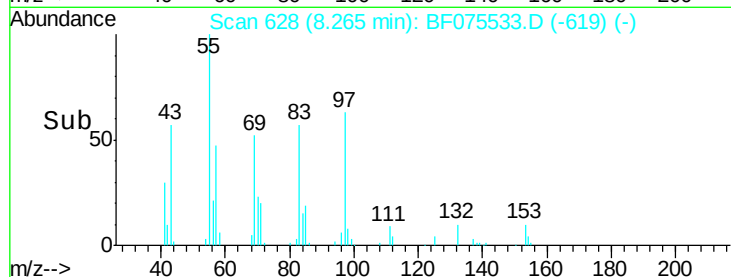
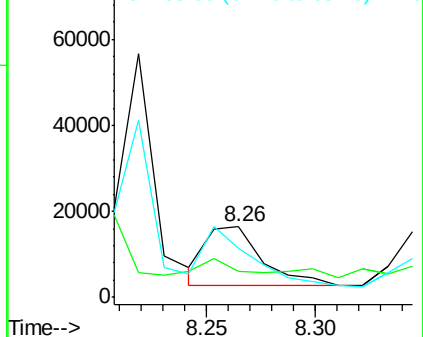
65 70.2 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 17.05 ng

RT: 8.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

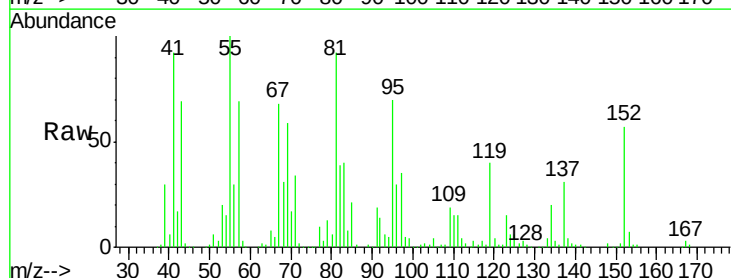
Tgt Ion: 82 Resp: 103748

Ion Ratio Lower Upper

82 100

95 180.9 5.2 7.8#

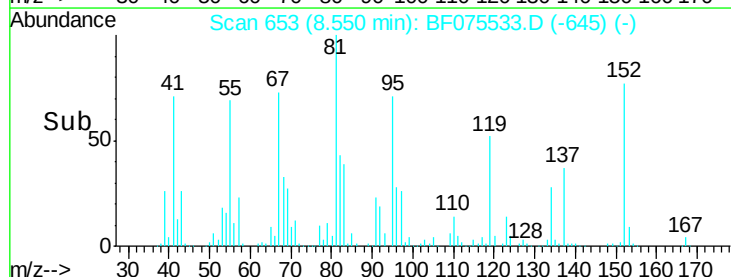
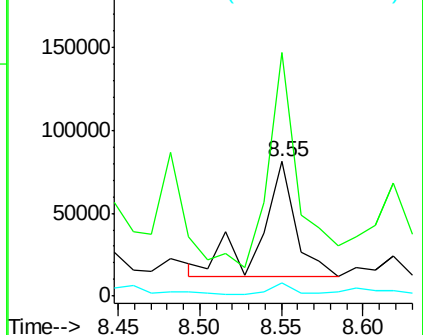
138 10.0 15.0 22.6#

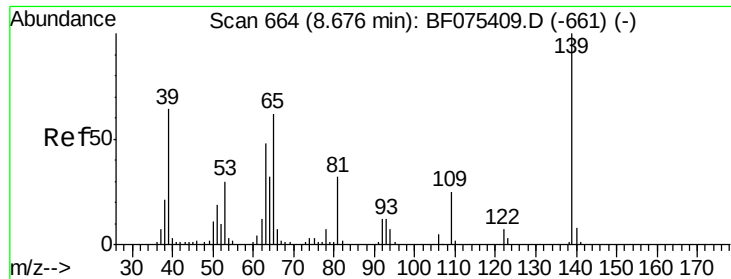


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 3.28 ng

RT: 8.61 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

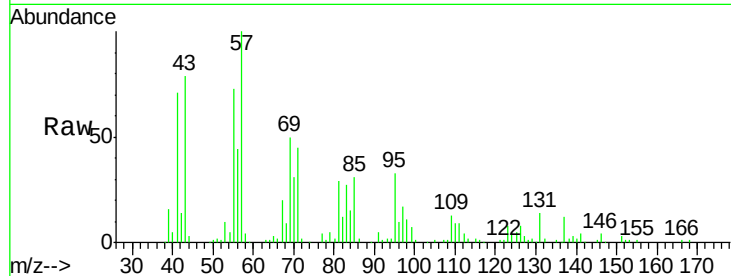
Tgt Ion:139 Resp: 4615

Ion Ratio Lower Upper

139 100

109 392.1 22.3 33.5#

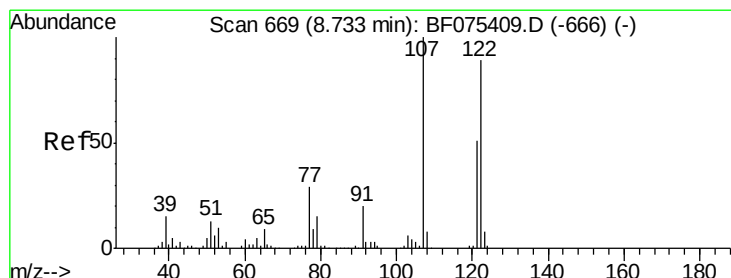
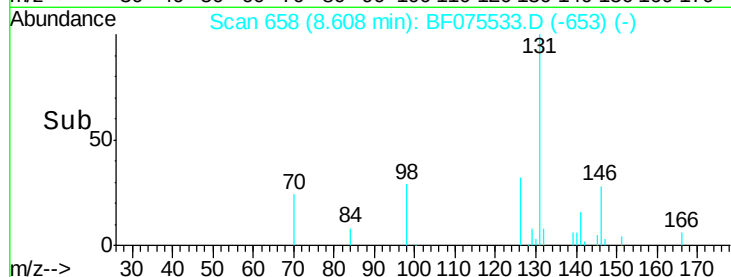
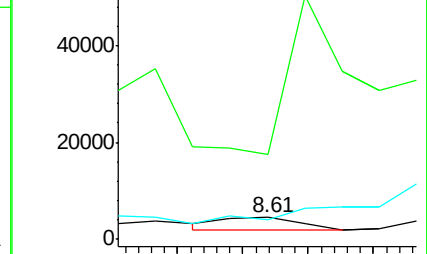
65 92.4 49.1 73.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 5.79 ng

RT: 8.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

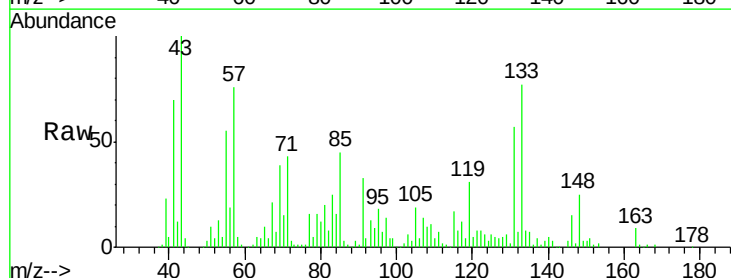
Tgt Ion:122 Resp: 15797

Ion Ratio Lower Upper

122 100

107 174.1 86.5 129.7#

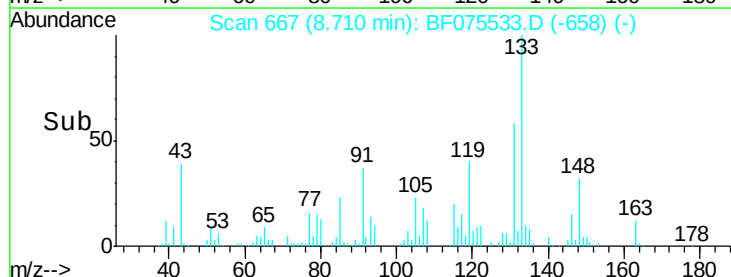
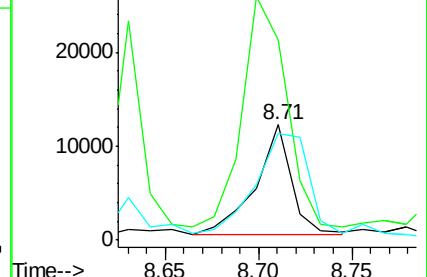
121 92.5 45.4 68.2#

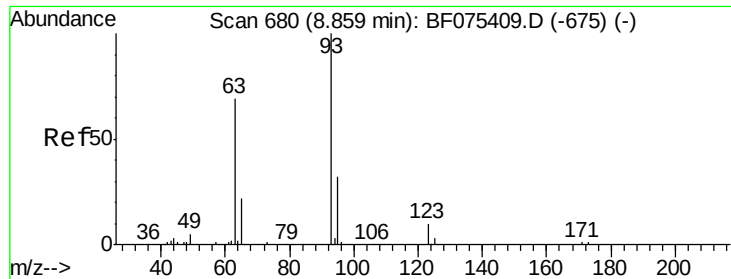


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

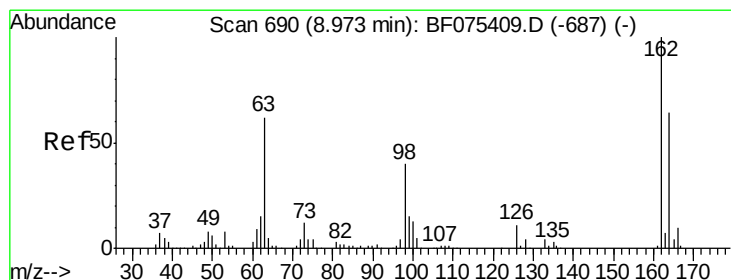
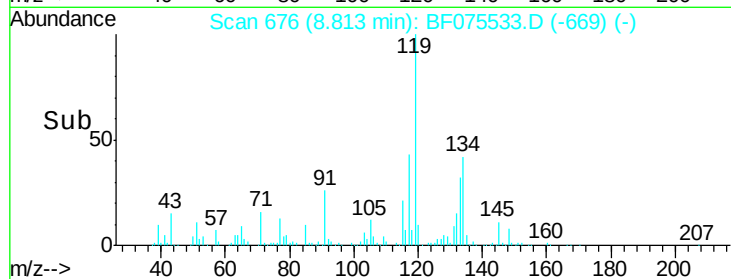
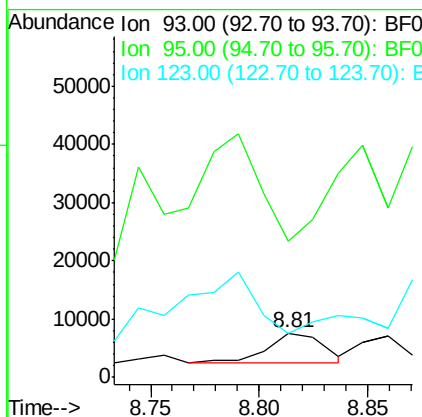
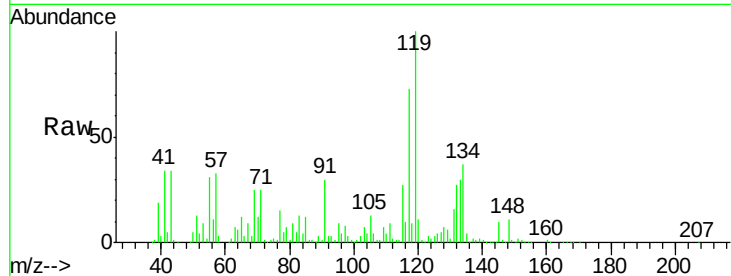




#28
 bis(2-Chloroethoxy)methane
 Concen: 2.43 ng
 RT: 8.81 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

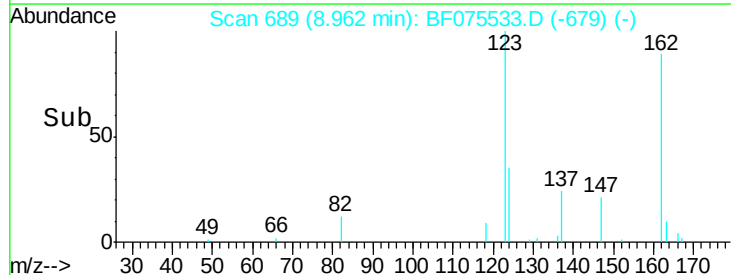
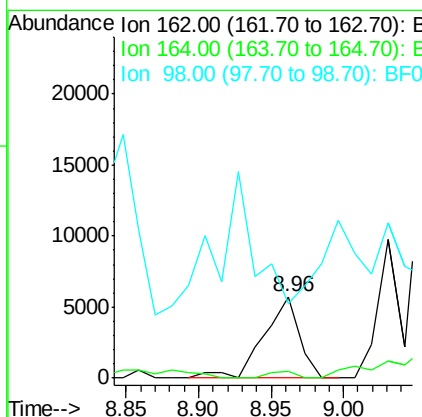
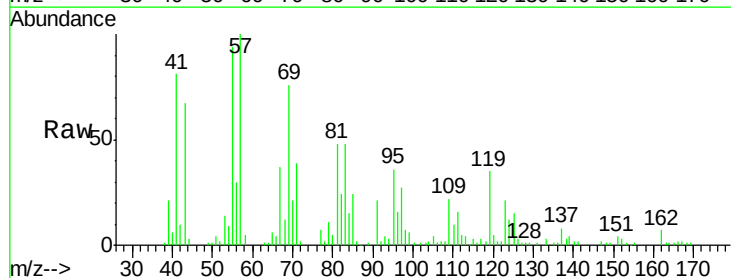
Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

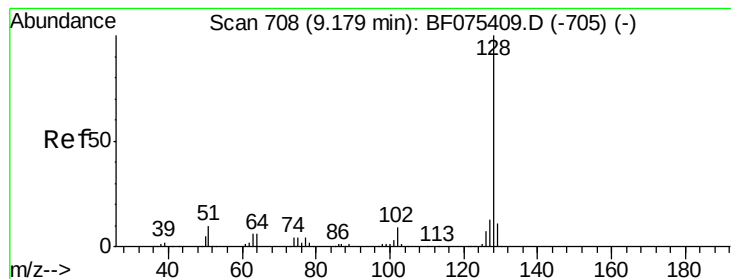
Tgt Ion: 93 Resp: 9016
 Ion Ratio Lower Upper
 93 100
 95 308.3 26.2 39.4#
 123 99.9 8.8 13.2#



#29
 2,4-Dichlorophenol
 Concen: 4.06 ng
 RT: 8.96 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion: 162 Resp: 9703
 Ion Ratio Lower Upper
 162 100
 164 8.1 43.8 83.8#
 98 91.4 14.6 54.6#





#31

Naphthalene

Concen: 48.72 ng

RT: 9.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

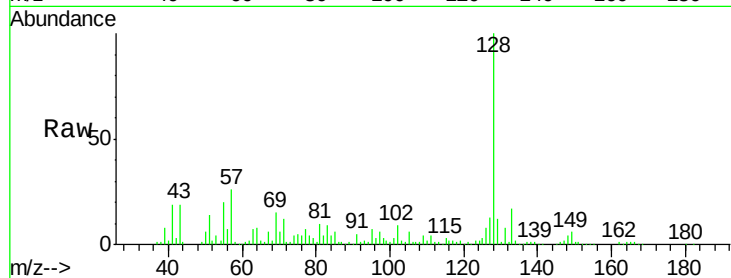
Tgt Ion:128 Resp: 424453

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.4

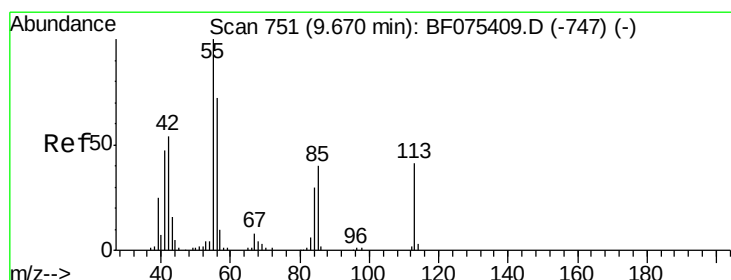
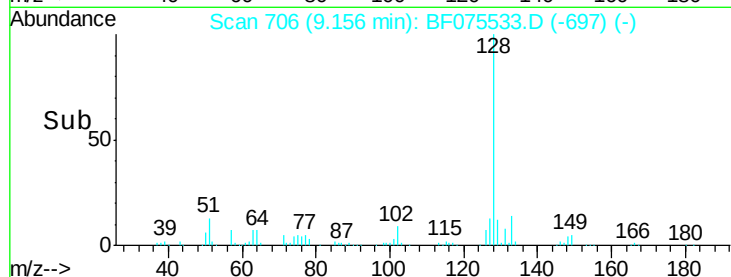
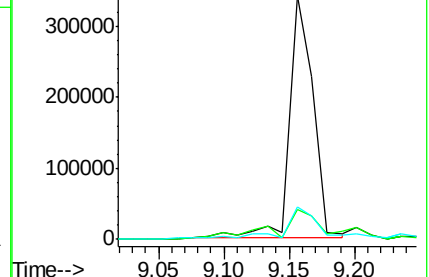
127 13.4 10.2 15.4



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: 9.62 ng

RT: 9.62 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

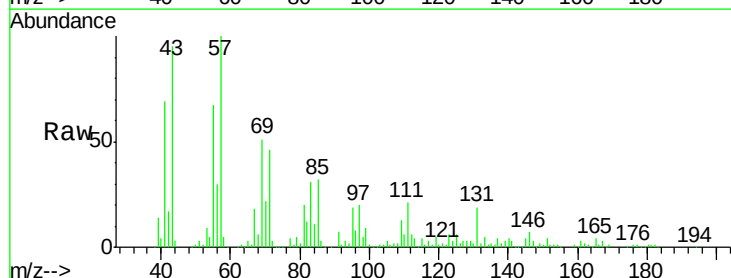
Tgt Ion:113 Resp: 7619

Ion Ratio Lower Upper

113 100

55 1717.8 226.9 266.9#

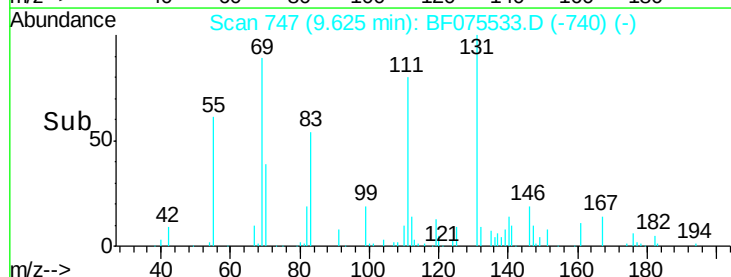
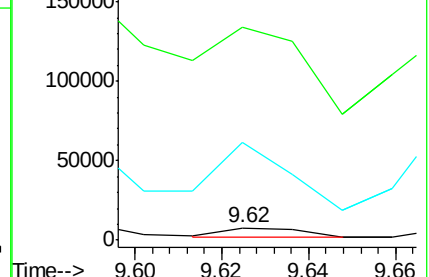
56 784.5 148.4 188.4#

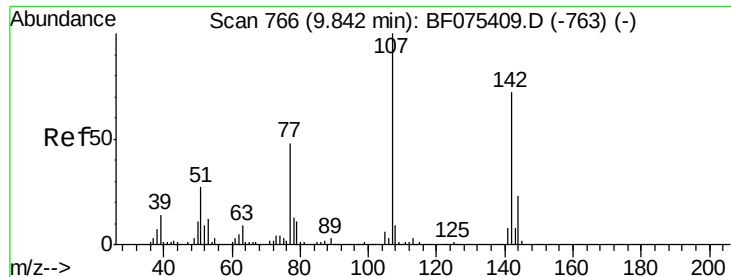


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

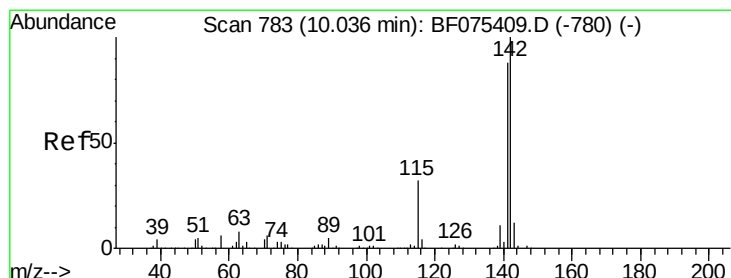
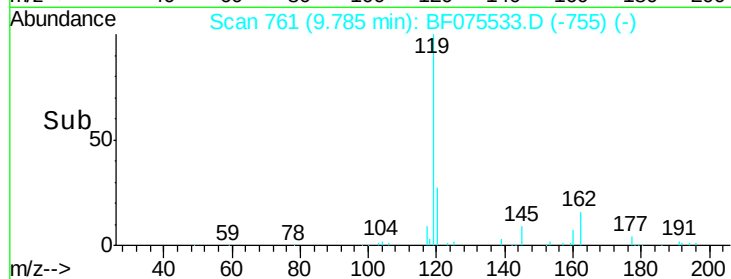
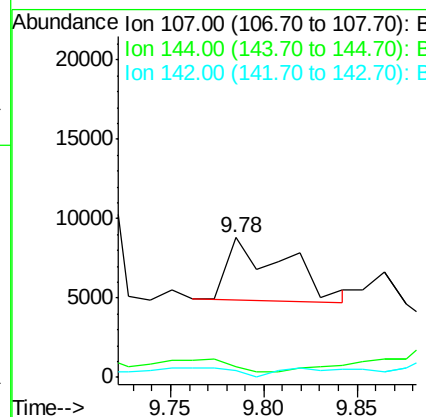
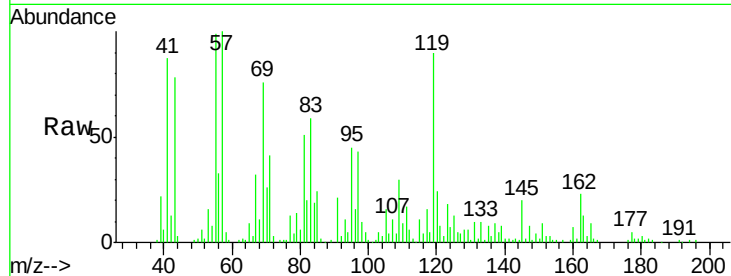




#36
 4-Chloro-3-methylphenol
 Concen: 3.22 ng
 RT: 9.78 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

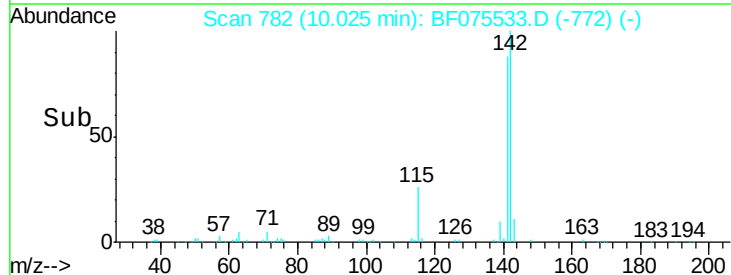
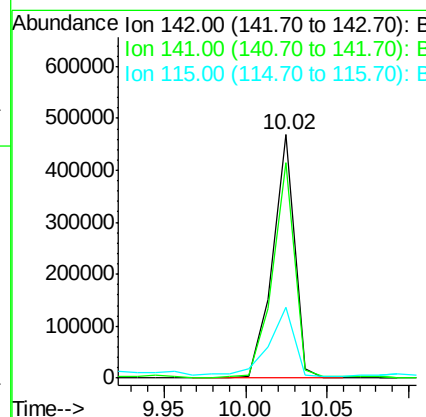
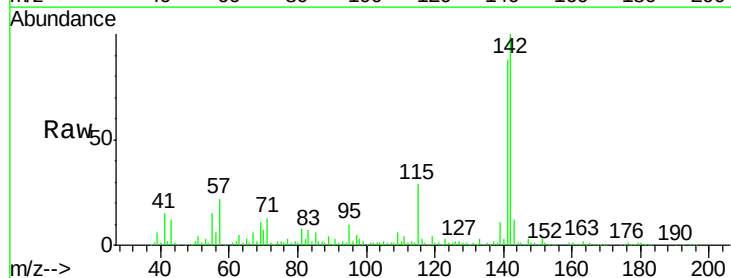
Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

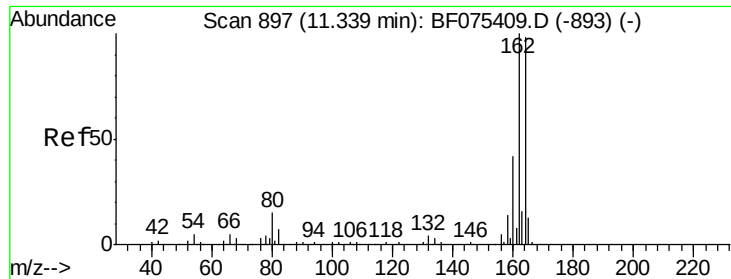
Tgt Ion:107 Resp: 8455
 Ion Ratio Lower Upper
 107 100
 144 7.8 19.1 28.7#
 142 5.2 62.9 94.3#



#37
 2-Methylnaphthalene
 Concen: 74.51 ng
 RT: 10.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion:142 Resp: 442868
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.9 104.9
 115 29.2 27.6 41.4

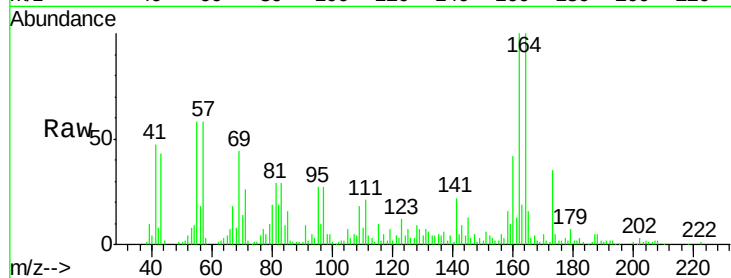




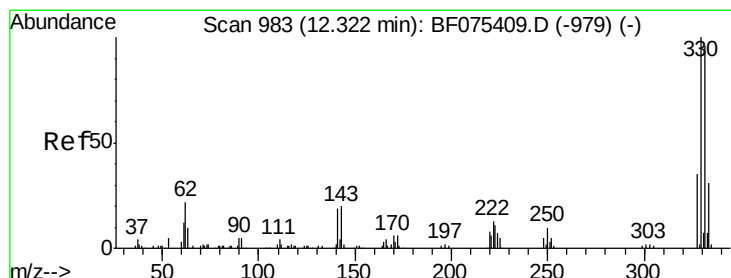
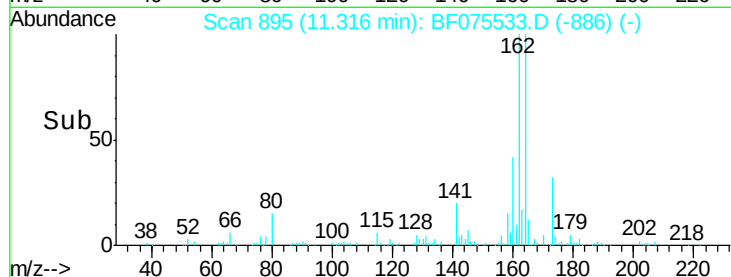
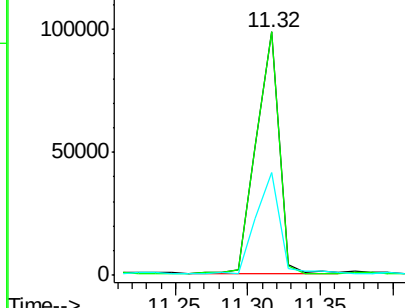
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

Tgt Ion:164 Resp: 107217
 Ion Ratio Lower Upper
 164 100
 162 100.1 79.1 118.7
 160 42.2 34.6 51.8

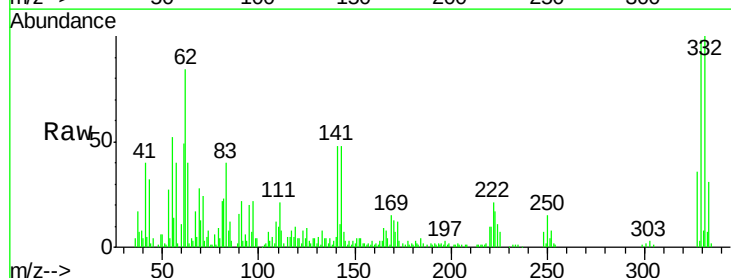


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

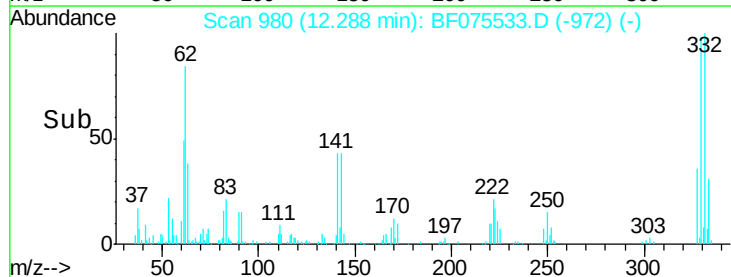
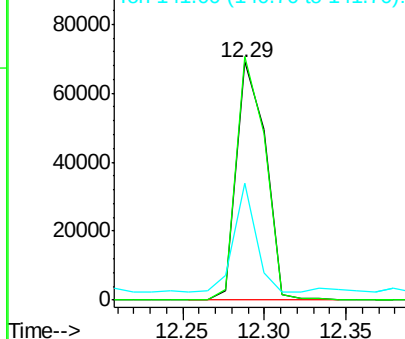


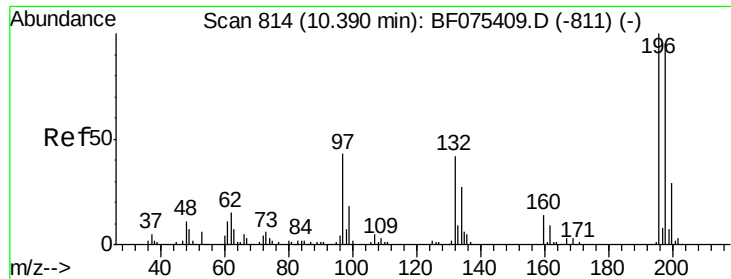
#41
 2,4,6-Tribromophenol
 Concen: 94.56 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion:330 Resp: 84921
 Ion Ratio Lower Upper
 330 100
 332 100.7 74.5 111.7
 141 34.4 30.7 46.1



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





#42

2,4,6-Trichlorophenol

Concen: 2.42 ng

RT: 10.38 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

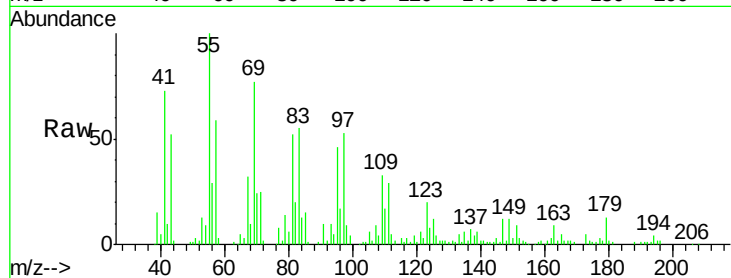
Tgt Ion:196 Resp: 4246

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

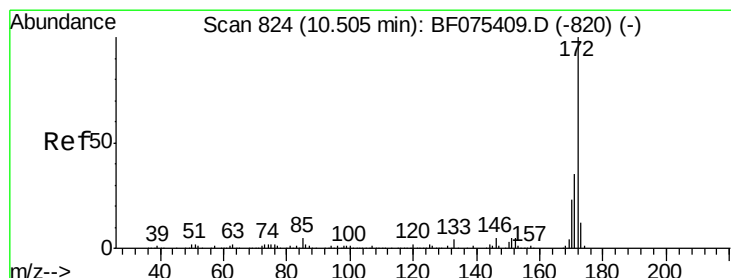
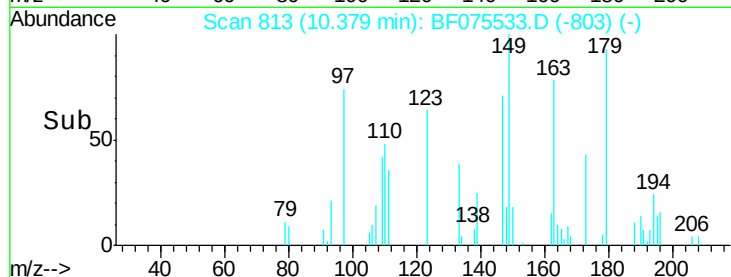
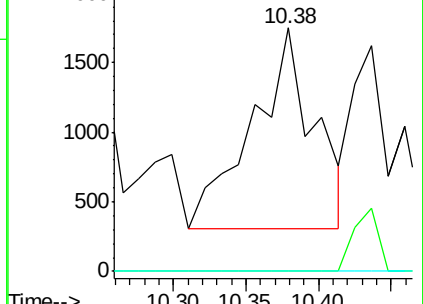
200 0.0 23.4 35.0#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2-Fluorobiphenyl

Concen: 66.17 ng

RT: 10.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

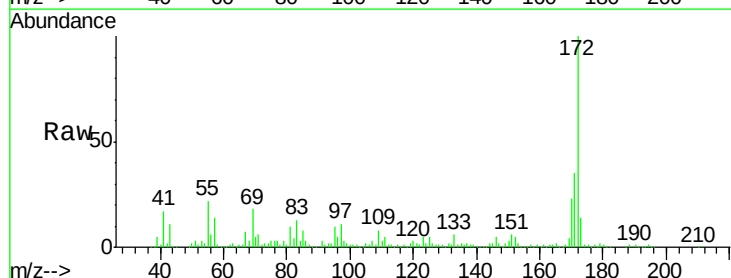
Tgt Ion:172 Resp: 392612

Ion Ratio Lower Upper

172 100

171 35.1 27.3 40.9

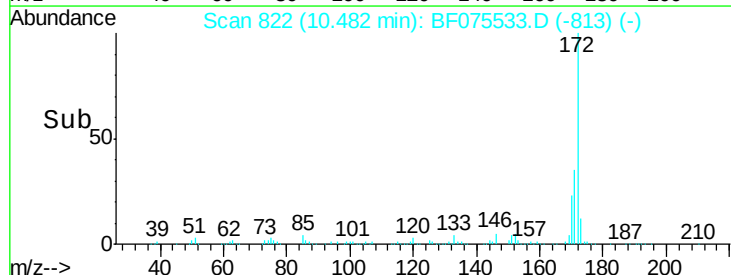
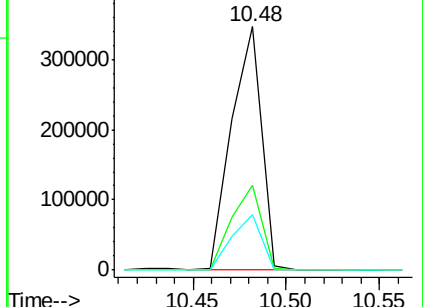
170 23.0 18.4 27.6

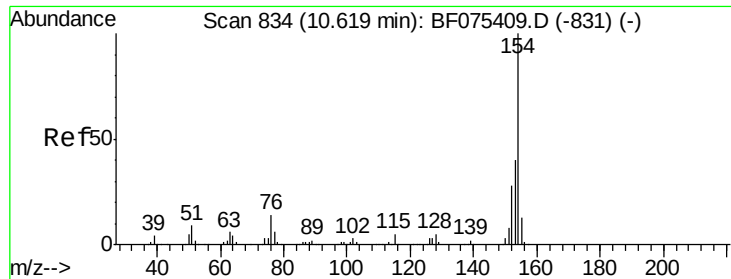


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

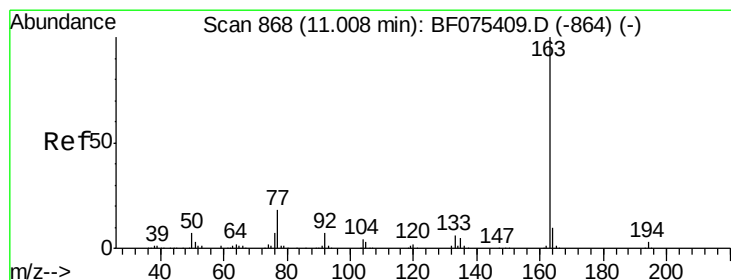
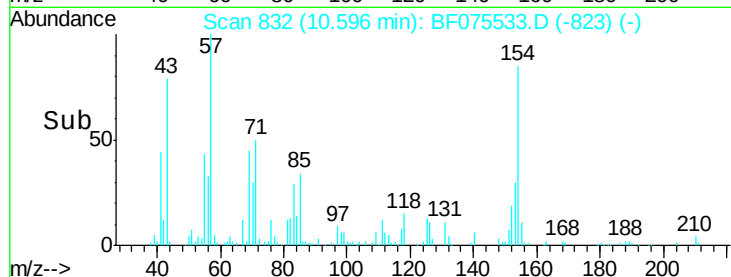
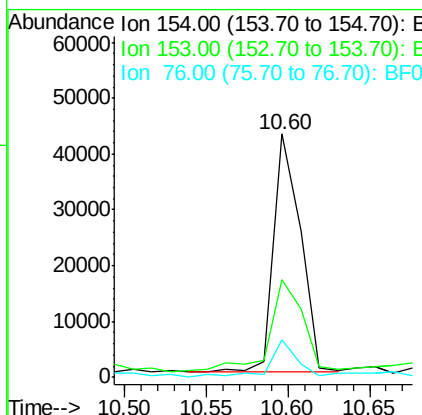
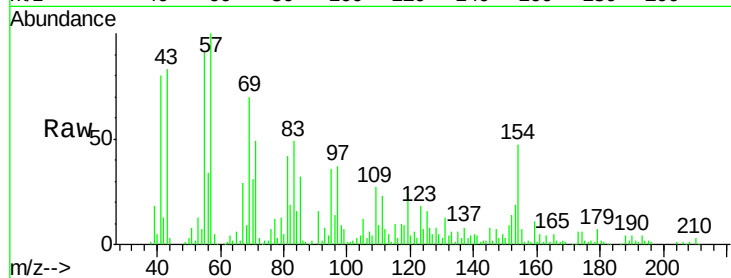




#45
 1,1'-Biphenyl
 Concen: 6.75 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

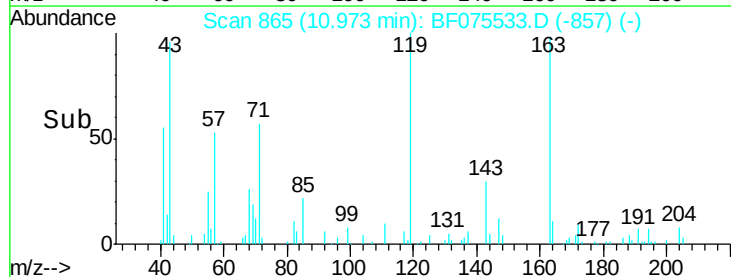
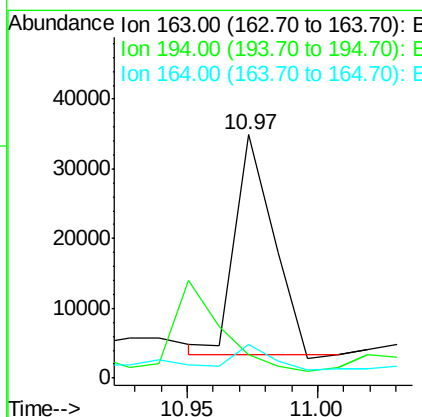
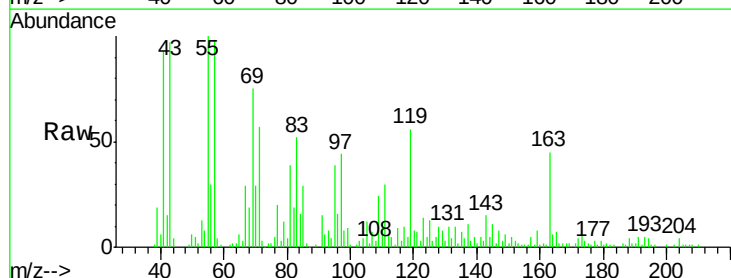
Instrument :
 BNA_F
 ClientSampled :
 S10-0041

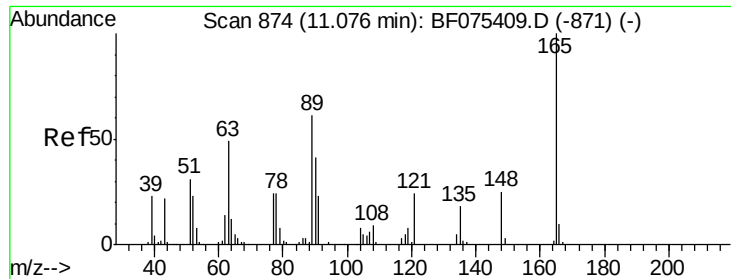
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.3	59.3
76	15.3	0.0	35.0



#49
 Dimethylphthalate
 Concen: 4.41 ng
 RT: 10.97 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.5	2.7	4.1#
164	13.9	8.0	12.0#

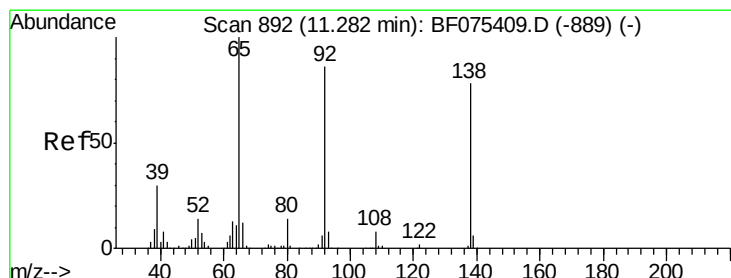
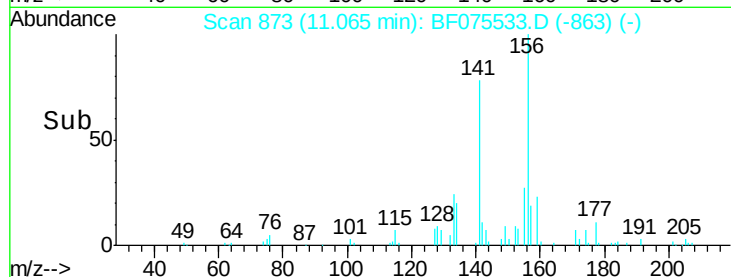
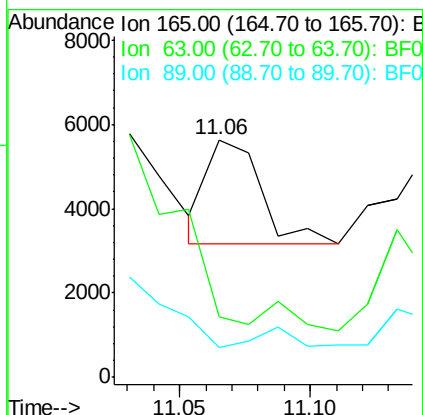
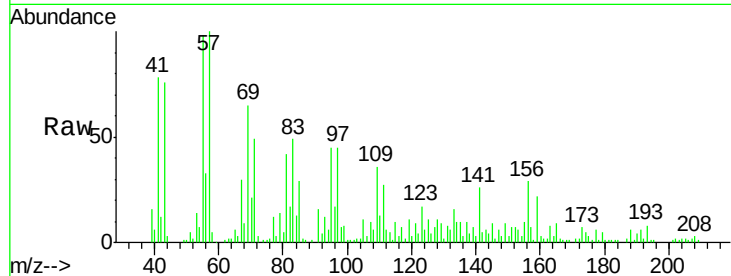




#50
 2,6-Dinitrotoluene
 Concen: 2.45 ng
 RT: 11.06 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

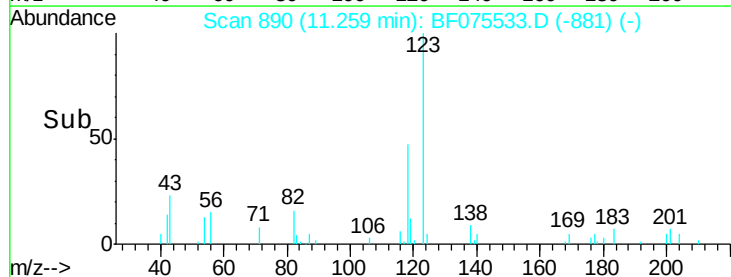
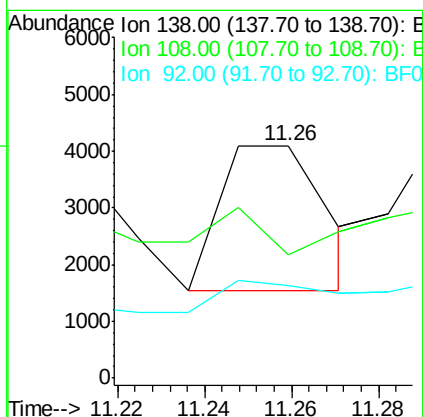
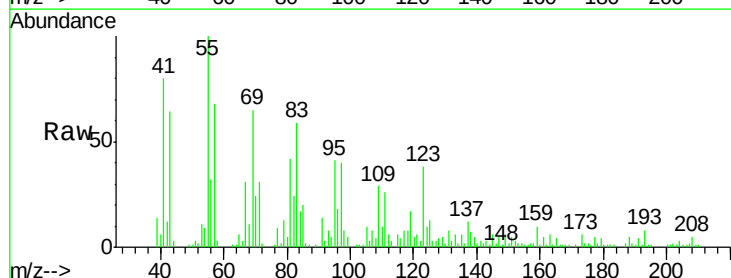
Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

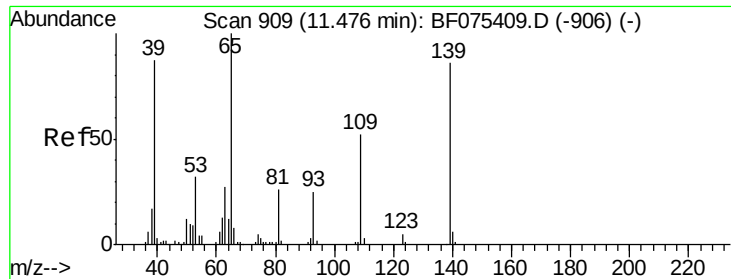
Tgt Ion:165 Resp: 3530
 Ion Ratio Lower Upper
 165 100
 63 25.6 61.2 91.8#
 89 12.8 52.5 78.7#



#52
 3-Nitroaniline
 Concen: 2.50 ng
 RT: 11.26 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion:138 Resp: 4261
 Ion Ratio Lower Upper
 138 100
 108 52.8 10.2 15.2#
 92 39.6 91.0 136.6#





#55

4-Nitrophenol

Concen: 4.47 ng

RT: 11.45 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

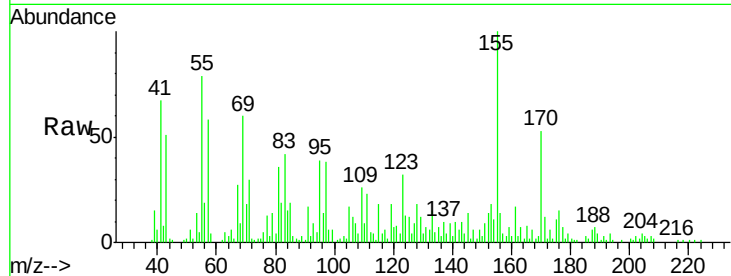
Tgt Ion:139 Resp: 6081

Ion Ratio Lower Upper

139 100

109 280.4 45.8 85.8#

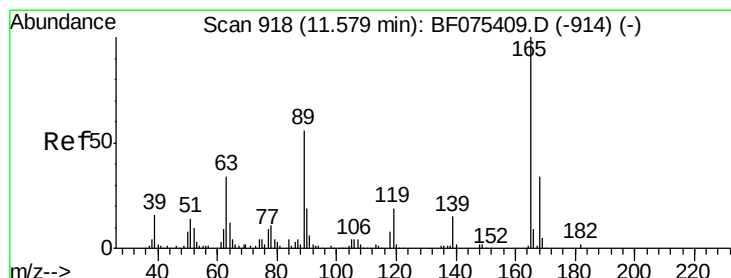
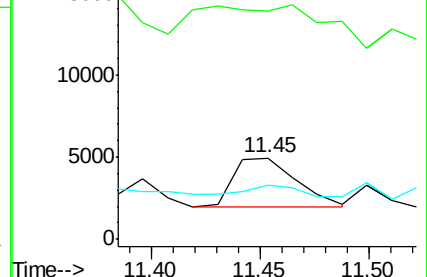
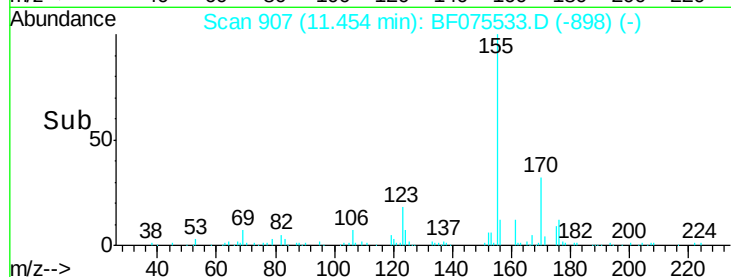
65 66.6 94.8 134.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 3.94 ng

RT: 11.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Tgt Ion:165 Resp: 7480

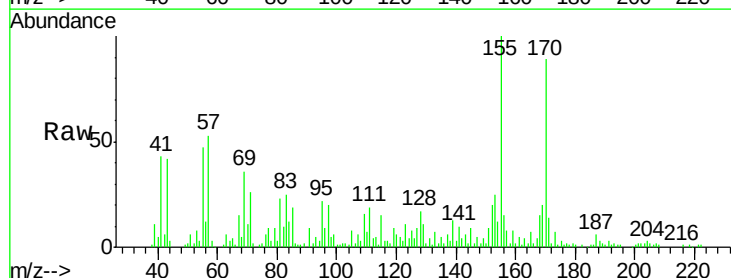
Ion Ratio Lower Upper

165 100

63 90.3 27.0 40.6#

89 36.7 47.8 71.6#

182 12.1 1.7 2.5#

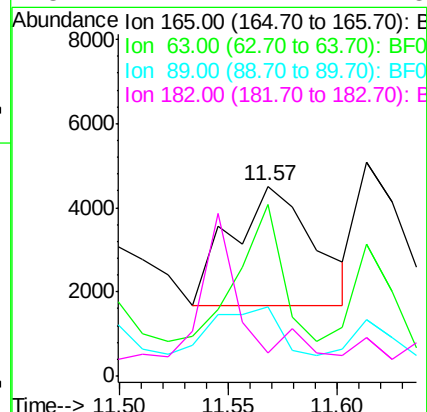
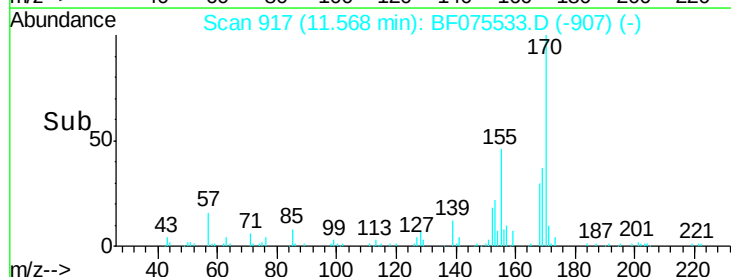


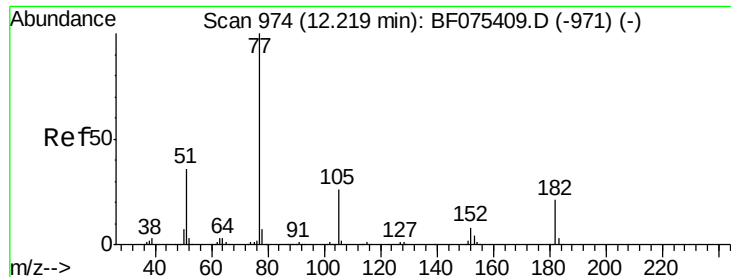
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 3.01 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

Tgt Ion: 77 Resp: 20162

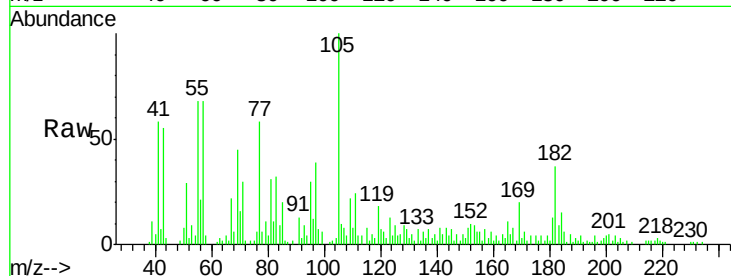
Ion Ratio Lower Upper

77 100

182 62.9 0.0 37.1#

105 171.3 3.7 43.7#

51 49.0 18.7 58.7

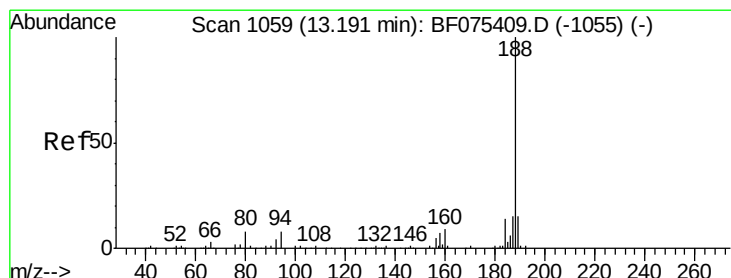
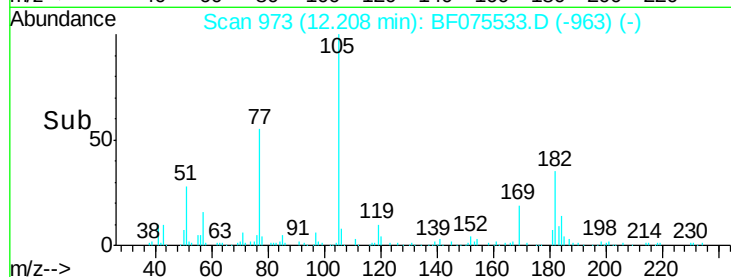
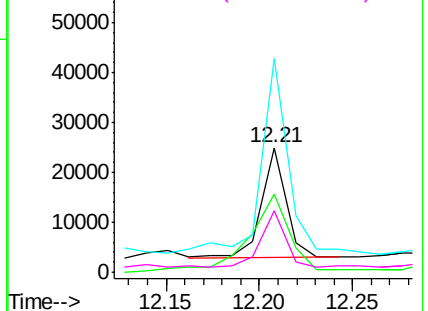


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

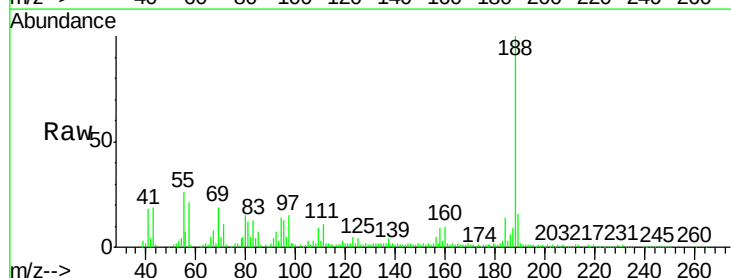
Tgt Ion: 188 Resp: 179989

Ion Ratio Lower Upper

188 100

94 13.5 7.8 11.6#

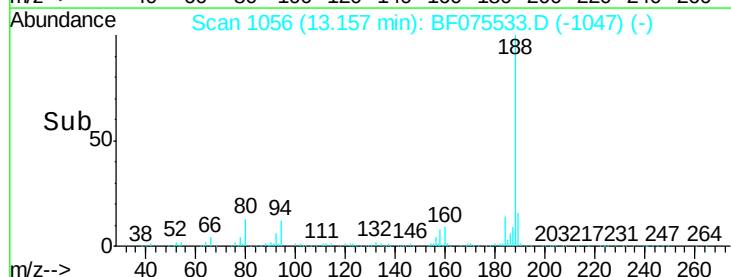
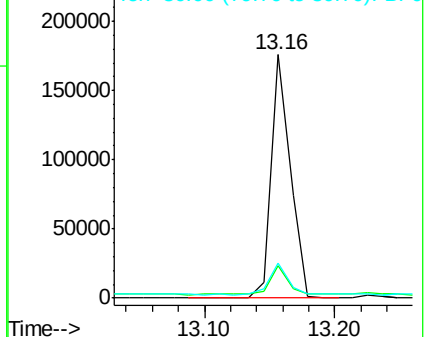
80 14.5 8.0 12.0#

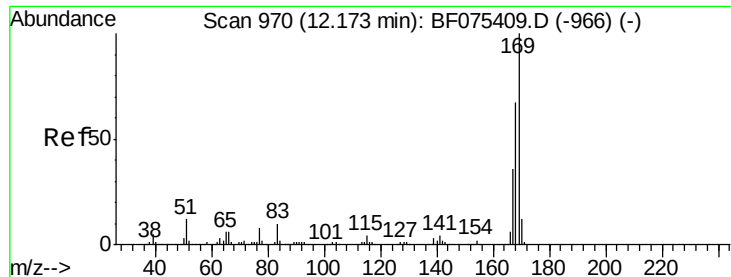


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 3.89 ng

RT: 12.14 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

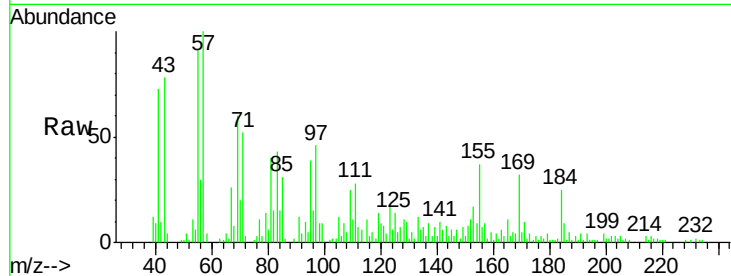
Tgt Ion:169 Resp: 22135

Ion Ratio Lower Upper

169 100

168 14.2 53.5 80.3#

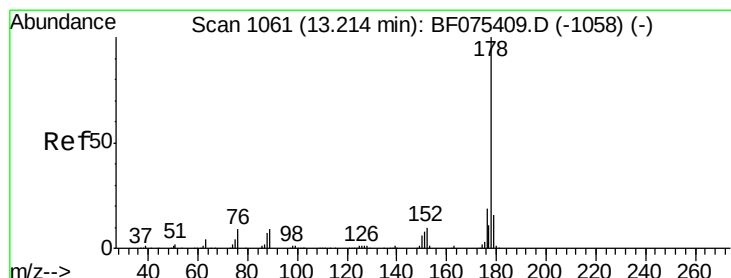
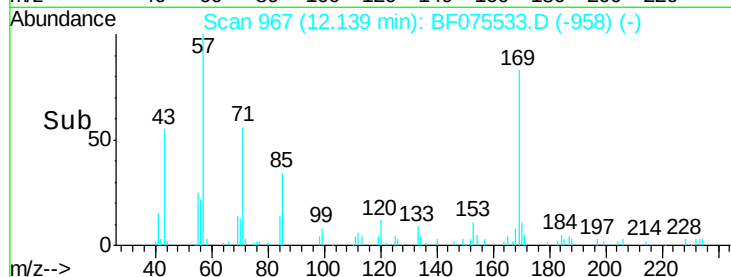
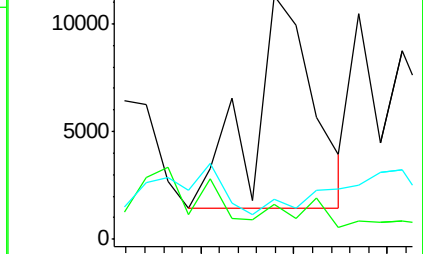
167 16.4 29.8 44.6#



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: 2.13 ng

RT: 13.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

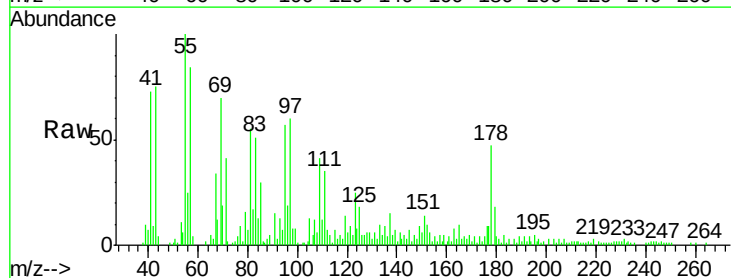
Tgt Ion:178 Resp: 20216

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

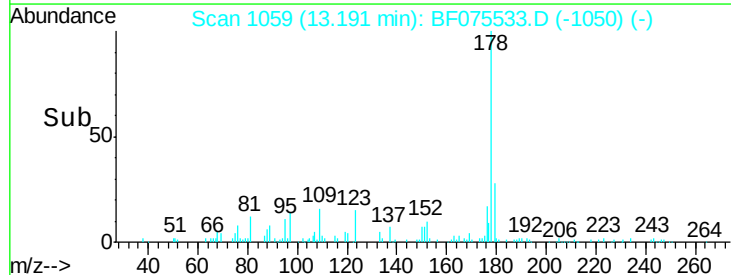
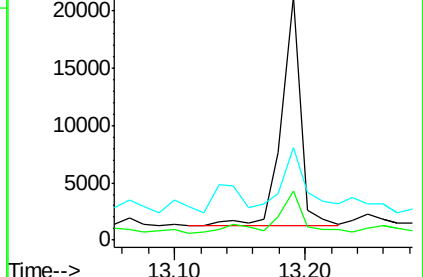
179 38.0 12.2 18.4#

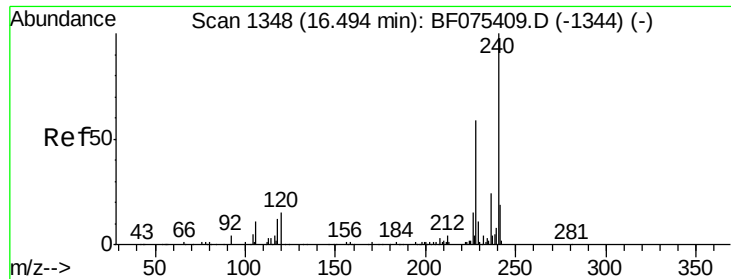


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

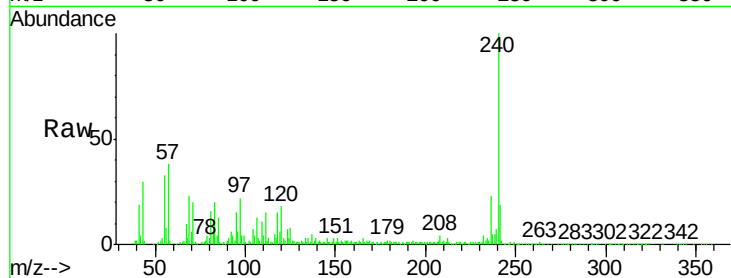
Tgt Ion:240 Resp: 198004

Ion Ratio Lower Upper

240 100

120 18.0 9.6 14.4#

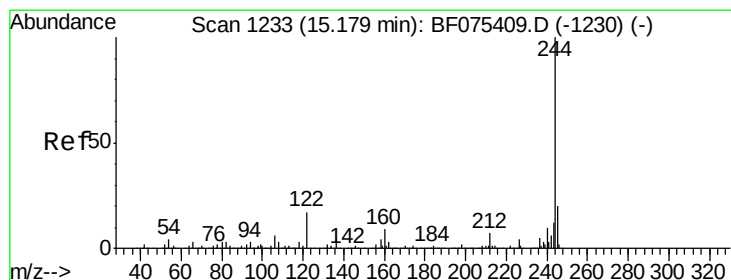
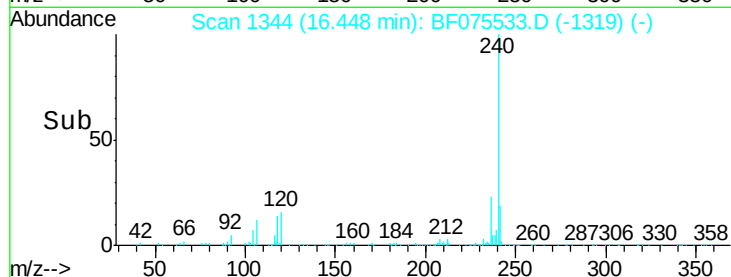
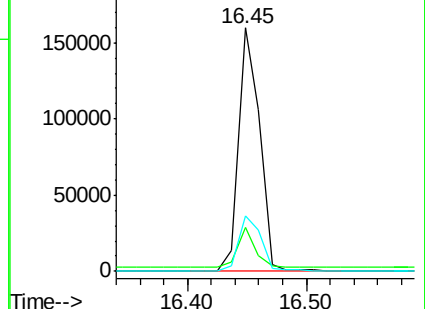
236 22.9 18.9 28.3



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



#78

Terphenyl-d14

Concen: 57.41 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

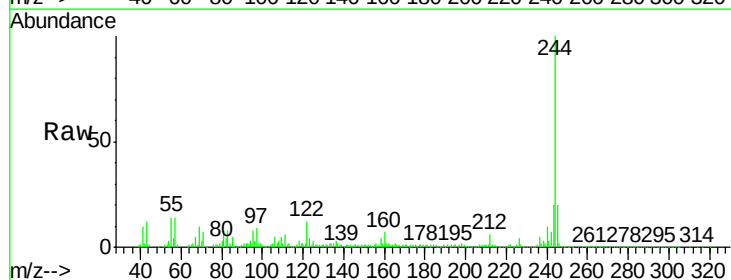
Tgt Ion:244 Resp: 422221

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

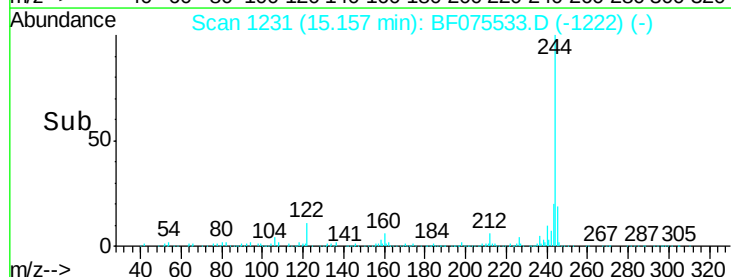
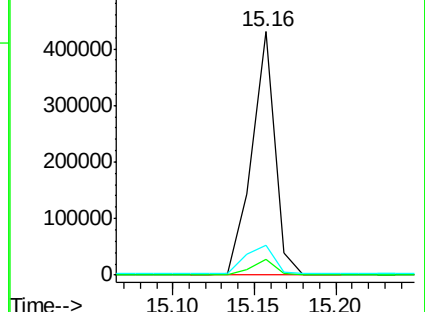
122 12.2 9.7 14.5

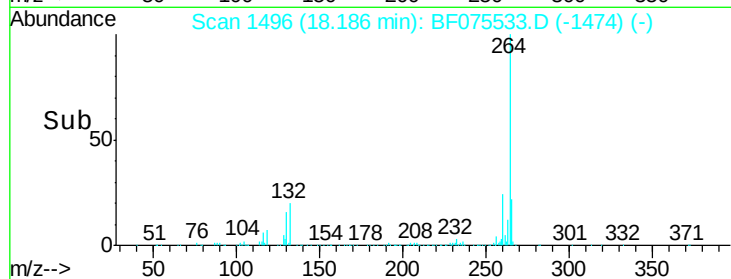
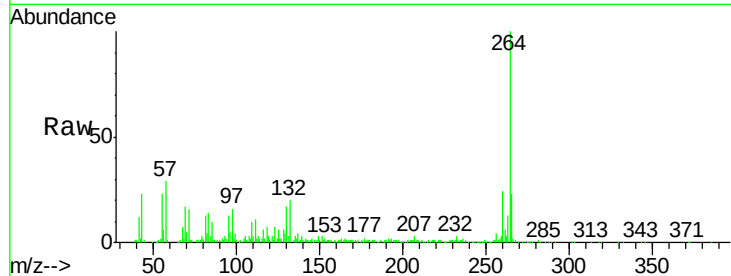
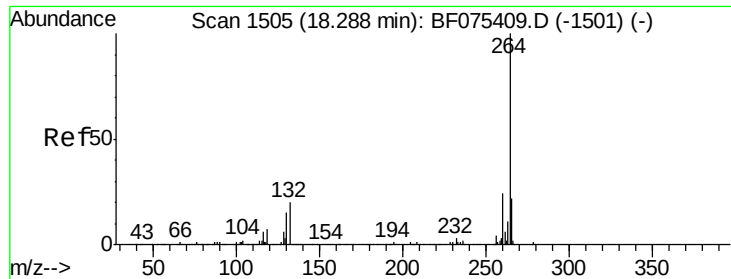


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.19 min Scan# 1496

Delta R.T. -0.05 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

Tgt Ion: 264 Resp: 211506

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 22.6 16.3 24.5

