

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075560.D
 Acq On : 16 Nov 2014 00:16
 Operator : TP / JJ
 Sample : F4693-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AP6S1

Quant Time: Nov 16 06:14:24 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

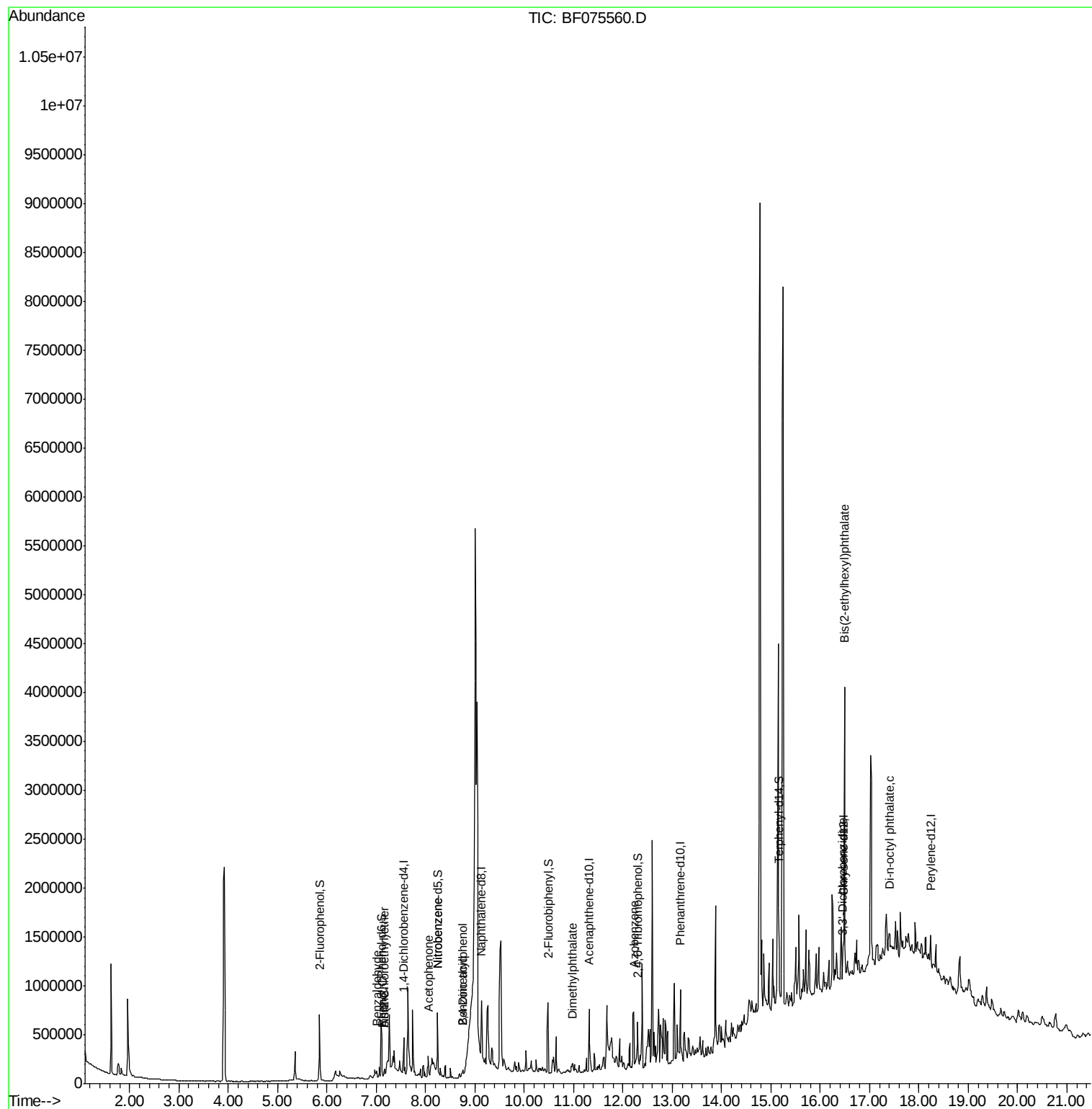
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	59951	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	248974	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	131713	20.00	ng	-0.02
63) Phenanthrene-d10	13.17	188	214876	20.00	ng	-0.02
75) Chrysene-d12	16.47	240	206776	20.00	ng	-0.07
86) Perylene-d12	18.24	264	192593	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	198957	58.63	ng	-0.01
7) Phenol-d6	7.10	99	235078	57.60	ng	-0.01
23) Nitrobenzene-d5	8.24	82	143224	42.18	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	59027	53.51	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	287864	39.49	ng	-0.01
78) Terphenyl-d14	15.16	244	268424	34.95	ng	-0.03
Target Compounds						
6) Aniline	7.16	93	54604	9.26	ng	# 89
9) Benzaldehyde	7.01	77	16490	6.01	ng	# 52
10) Phenol	7.12	94	22816	4.58	ng	# 94
11) bis(2-Chloroethyl)ether	7.16	93	47361	12.56	ng	# 19
22) Acetophenone	8.06	105	93085	17.33	ng	# 92
24) Nitrobenzene	8.24	77	16795	4.27	ng	# 36
27) 2,4-Dimethylphenol	8.76	122	41717	12.00	ng	# 12
32) Benzoic acid	8.76	122	30035	14.30	ng	# 94
49) Dimethylphthalate	10.98	163	45964	5.10	ng	# 99
62) Azobenzene	12.22	77	136407	16.59	ng	# 1
81) 3,3'-Dichlorobenzidine	16.45	252	12120	3.02	ng	# 66
83) Bis(2-ethylhexyl)phthalate	16.49	149	896902	84.34	ng	# 98
84) Di-n-octyl phthalate	17.40	149	37779	2.02	ng	# 13

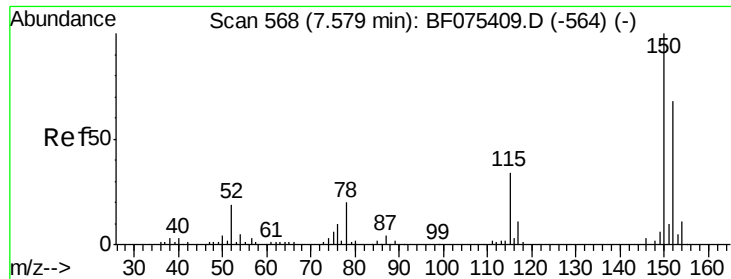
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075560.D
Acq On : 16 Nov 2014 00:16
Operator : TP / JJ
Sample : F4693-01
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AP6S1

Quant Time: Nov 16 06:14:24 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

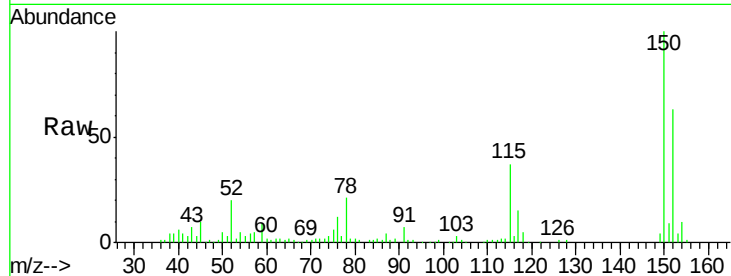
Tgt Ion:152 Resp: 59951

Ion Ratio Lower Upper

152 100

150 157.6 127.2 190.8

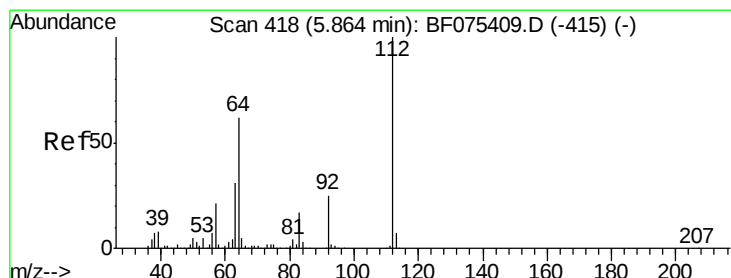
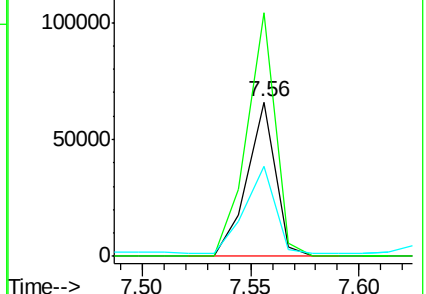
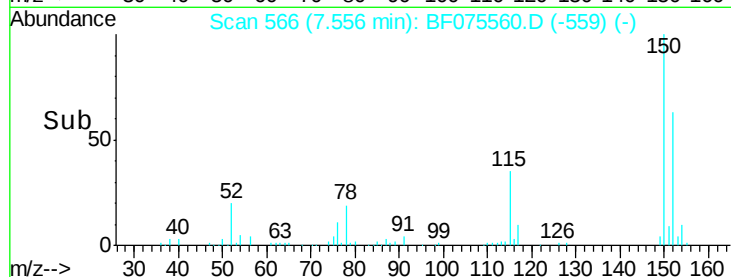
115 58.2 57.1 85.7



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: 58.63 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

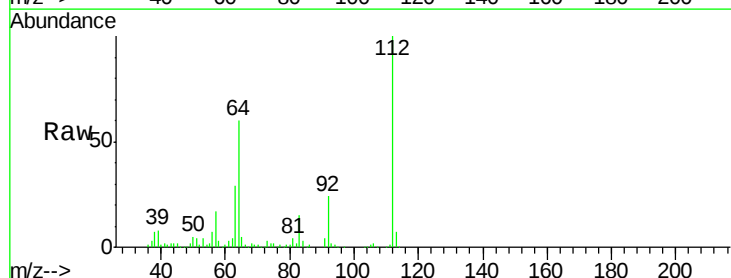
Tgt Ion:112 Resp: 198957

Ion Ratio Lower Upper

112 100

64 60.1 45.8 68.6

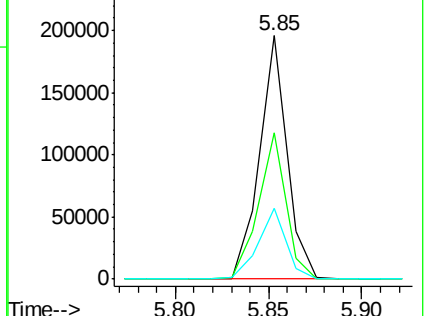
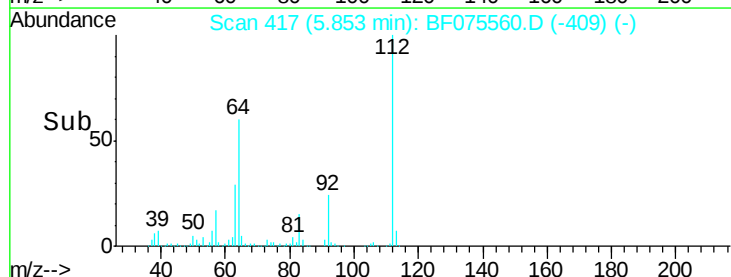
63 29.0 22.7 34.1

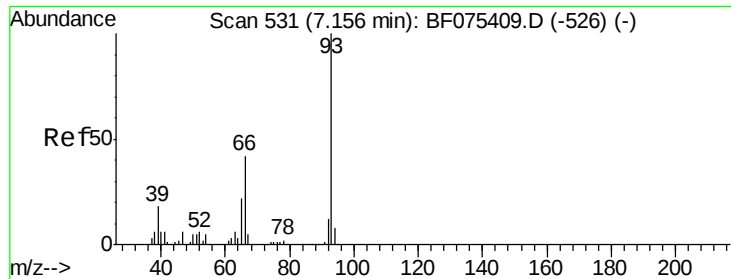


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 9.26 ng

RT: 7.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

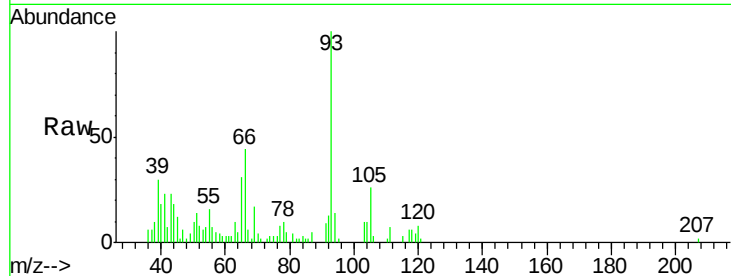
Tgt Ion: 93 Resp: 54604

Ion Ratio Lower Upper

93 100

66 43.6 31.8 47.8

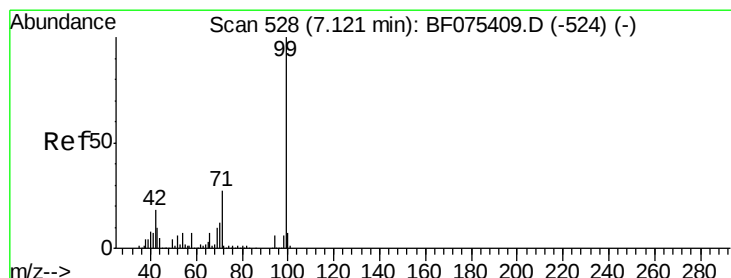
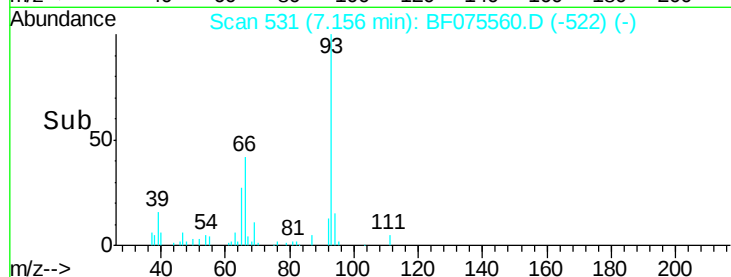
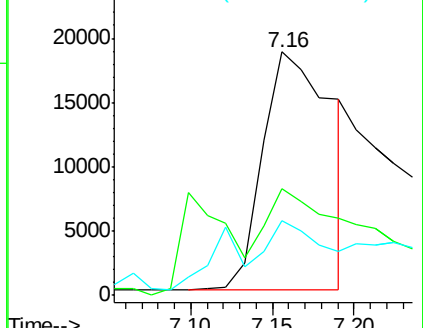
65 30.7 16.6 25.0#



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: 57.60 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

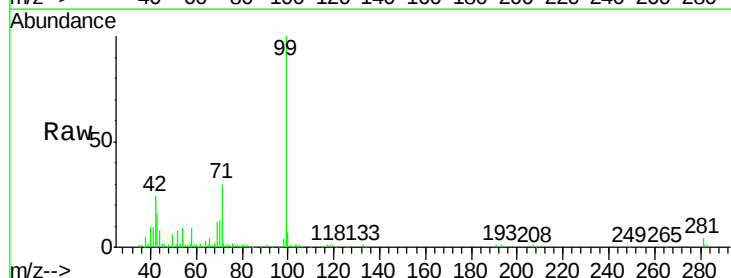
Tgt Ion: 99 Resp: 235078

Ion Ratio Lower Upper

99 100

42 24.2 19.8 29.6

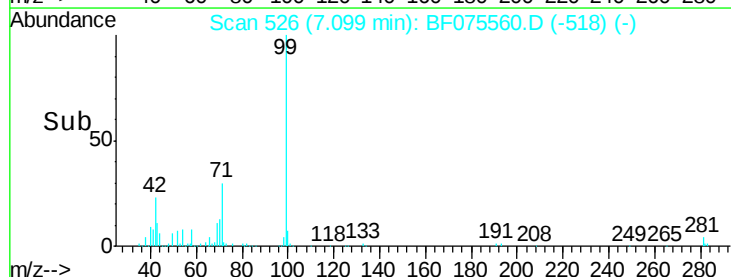
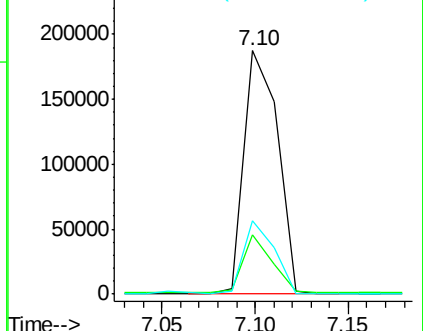
71 30.2 25.5 38.3

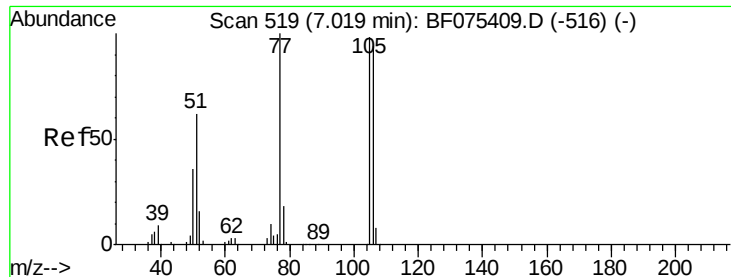


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 6.01 ng

RT: 7.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

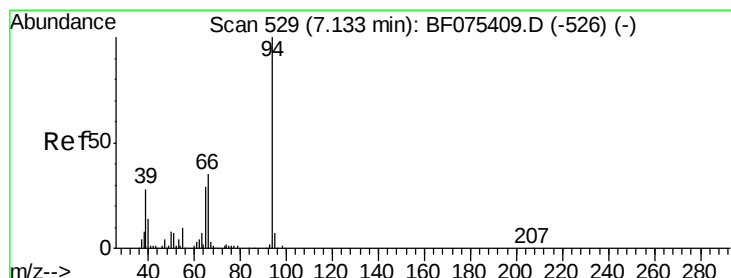
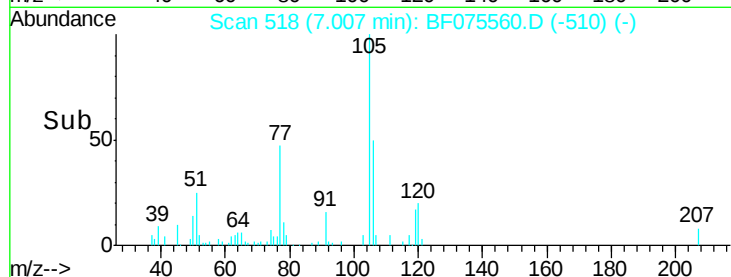
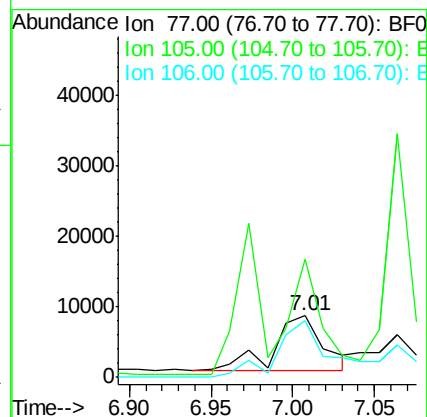
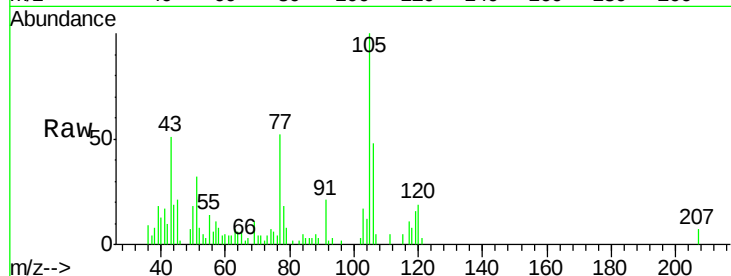
Tgt Ion: 77 Resp: 16490

Ion Ratio Lower Upper

77 100

105 193.2 81.6 121.6#

106 93.4 77.5 117.5



#10

Phenol

Concen: 4.58 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

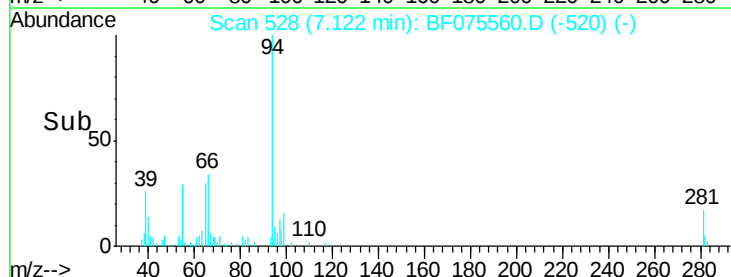
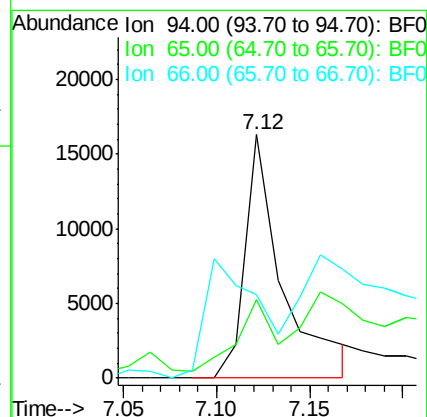
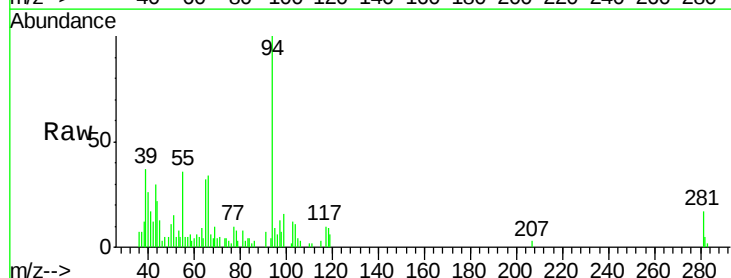
Tgt Ion: 94 Resp: 22816

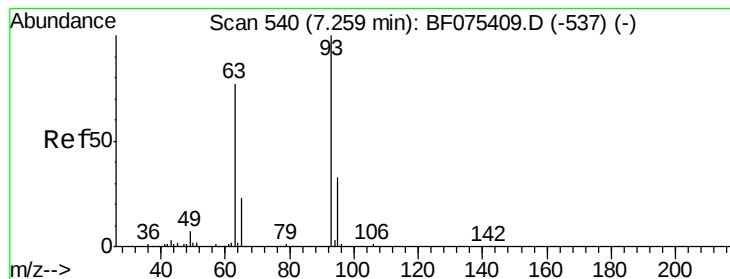
Ion Ratio Lower Upper

94 100

65 32.5 13.1 53.1

66 34.1 20.8 60.8

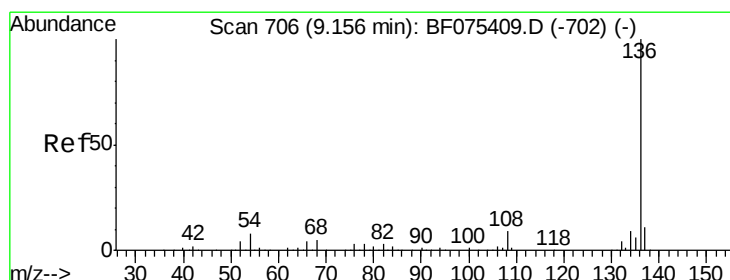
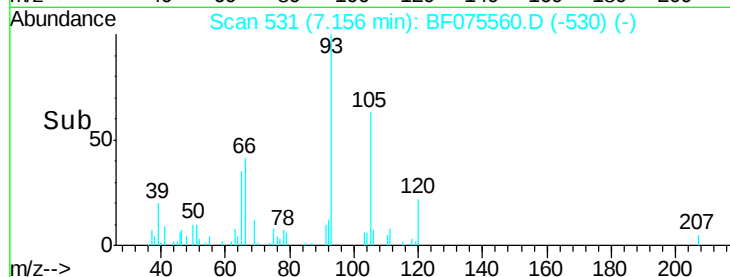
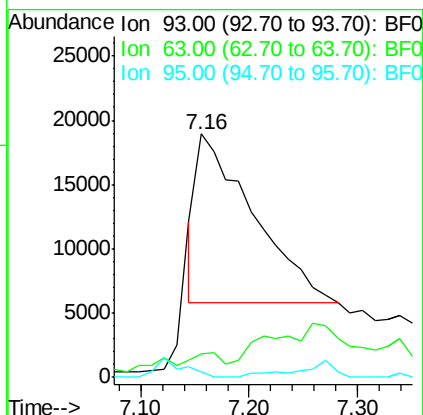
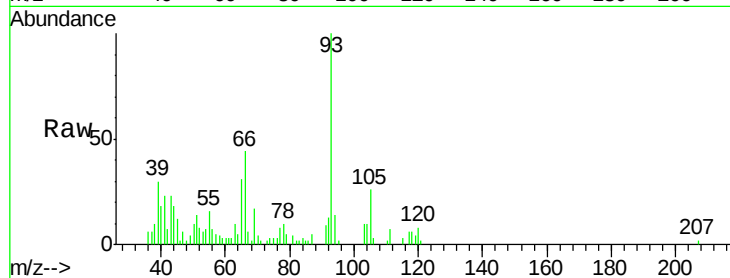




#11
bis(2-Chloroethyl)ether
Concen: 12.56 ng
RT: 7.16 min Scan# 531
Delta R.T. -0.09 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

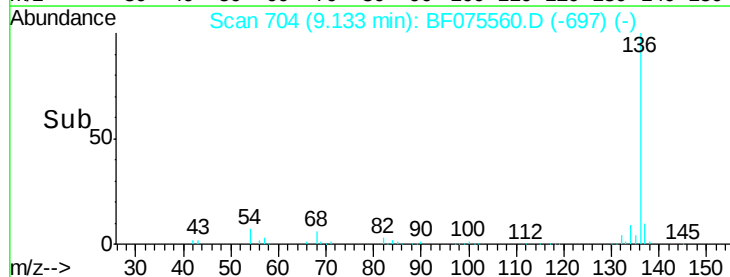
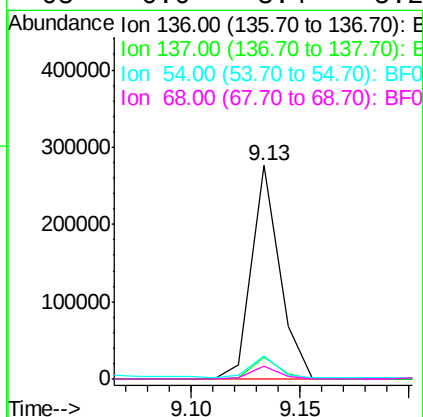
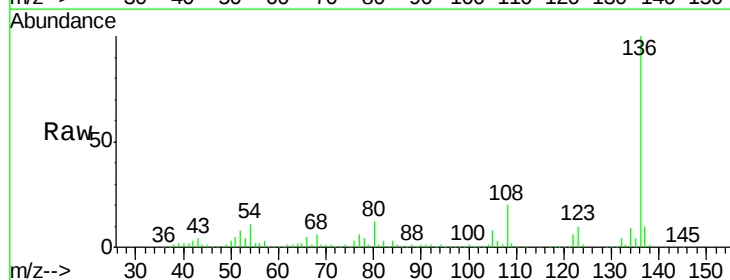
Instrument :
BNA_F
ClientSampled :
AP6S1

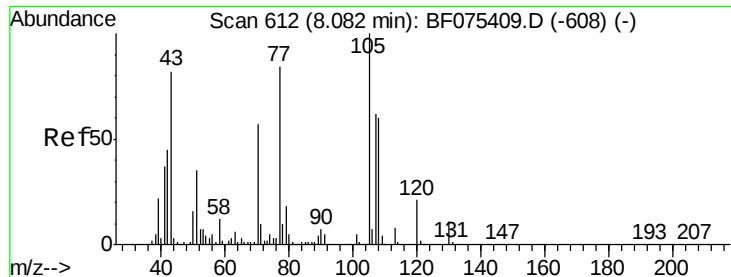
Tgt Ion: 93 Resp: 47361
Ion Ratio Lower Upper
93 100
63 9.9 79.8 119.8#
95 2.4 11.2 51.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

Tgt Ion: 136 Resp: 248974
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 11.0 6.2 9.4#
68 6.0 3.4 5.2#

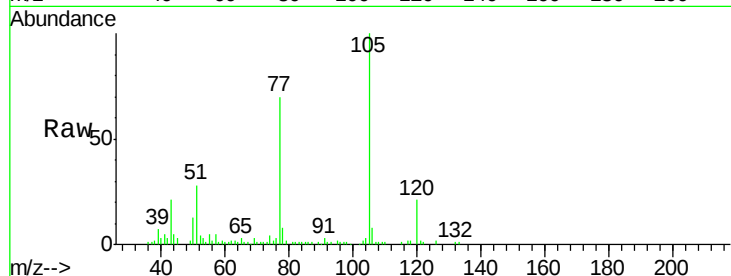




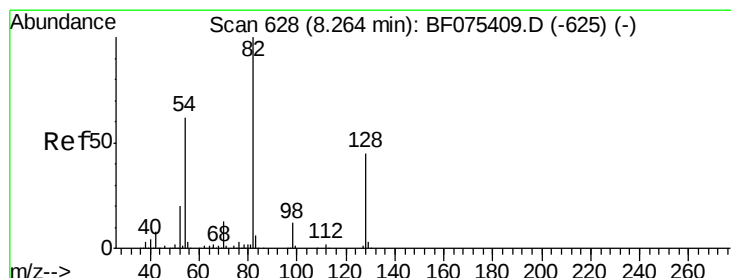
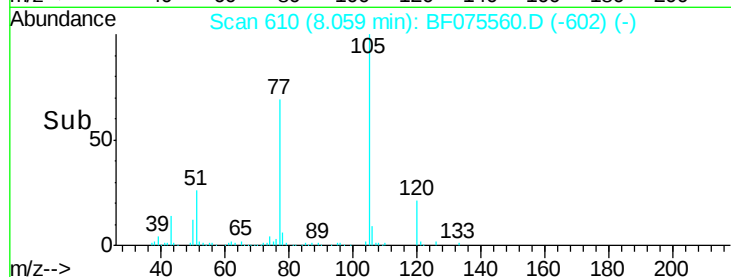
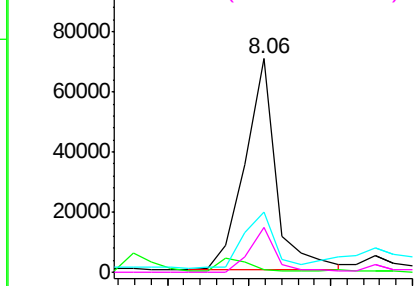
#22
Acetophenone
Concen: 17.33 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

Instrument :
BNA_F
ClientSampleId :
AP6S1

Tgt Ion: 105 Resp: 93085
Ion Ratio Lower Upper
105 100
71 1.2 10.5 15.7#
51 28.4 24.2 36.2
120 21.0 17.5 26.3

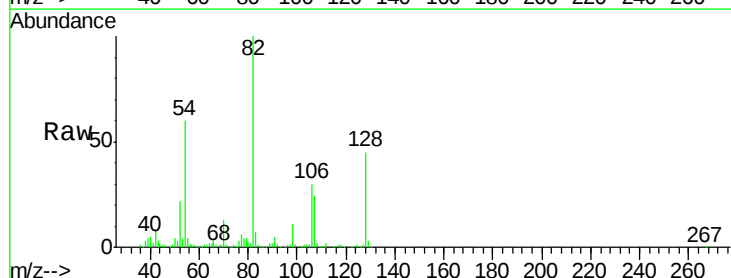


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

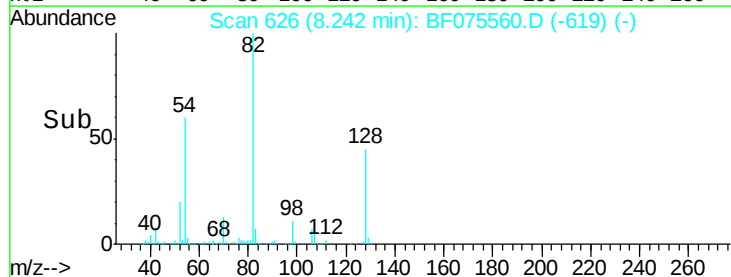
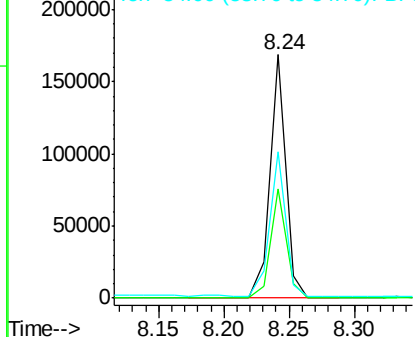


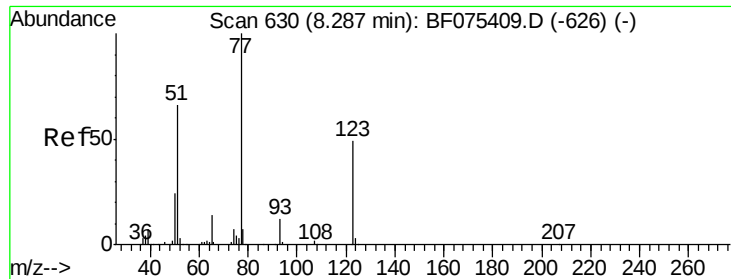
#23
Nitrobenzene-d5
Concen: 42.18 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

Tgt Ion: 82 Resp: 143224
Ion Ratio Lower Upper
82 100
128 45.1 37.8 56.6
54 60.1 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





#24

Nitrobenzene

Concen: 4.27 ng

RT: 8.24 min Scan# 626

Delta R.T. -0.05 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampled :

AP6S1

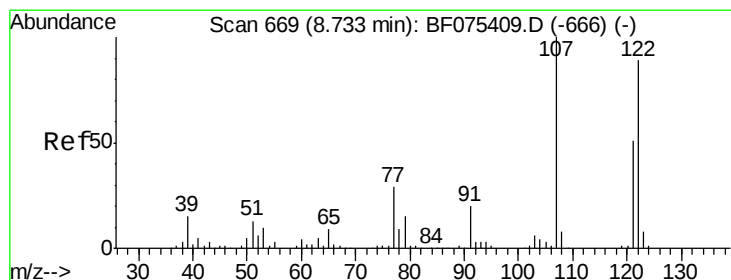
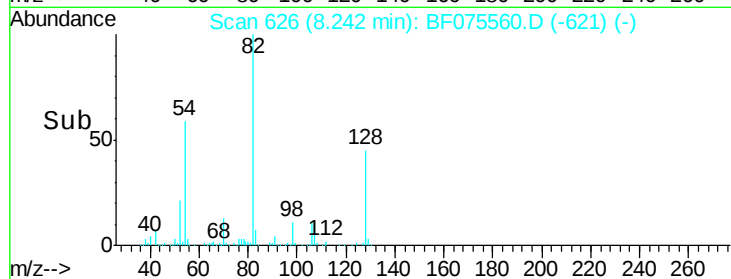
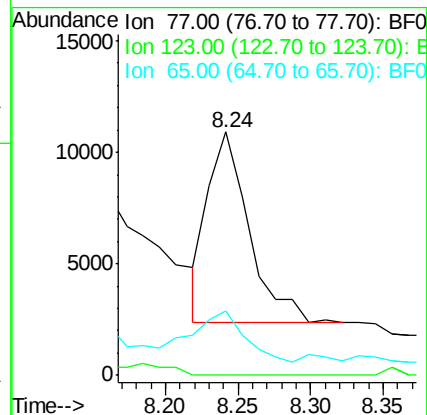
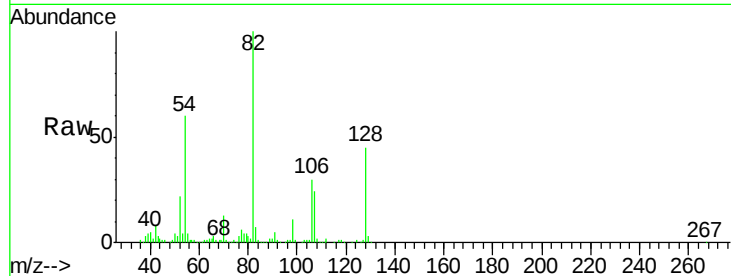
Tgt Ion: 77 Resp: 16795

Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

65 26.6 10.6 15.8#



#27

2,4-Dimethylphenol

Concen: 12.00 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.02 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

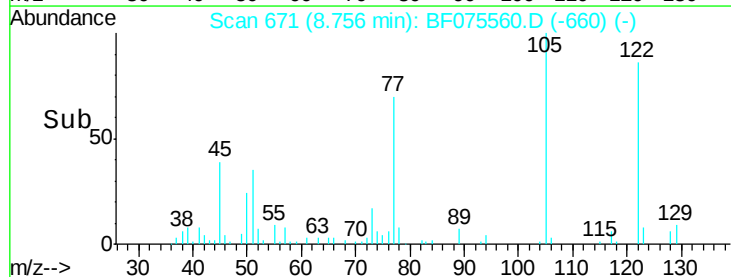
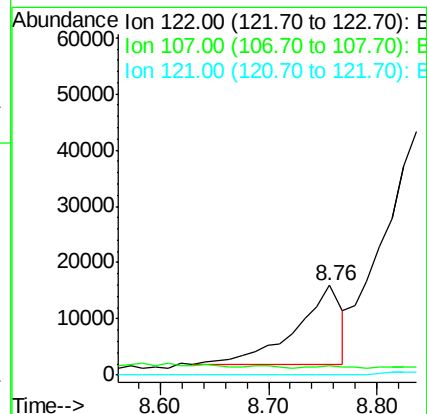
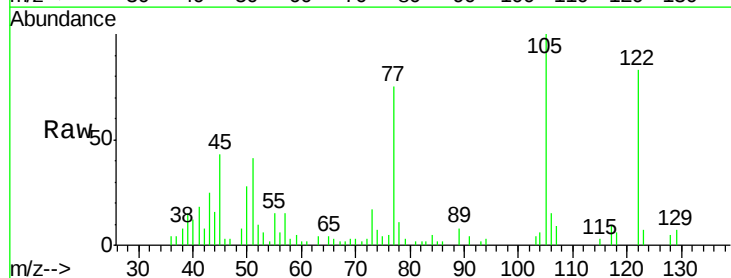
Tgt Ion: 122 Resp: 41717

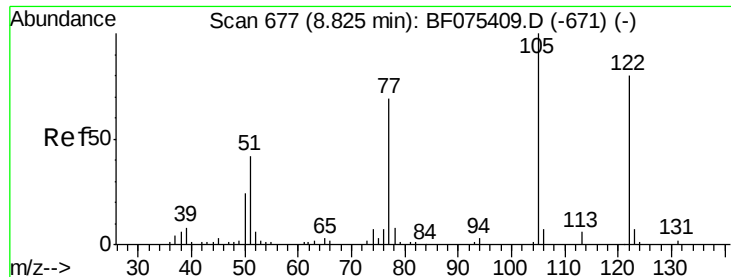
Ion Ratio Lower Upper

122 100

107 10.3 86.5 129.7#

121 0.0 45.4 68.2#





#32

Benzoic acid

Concen: 14.30 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

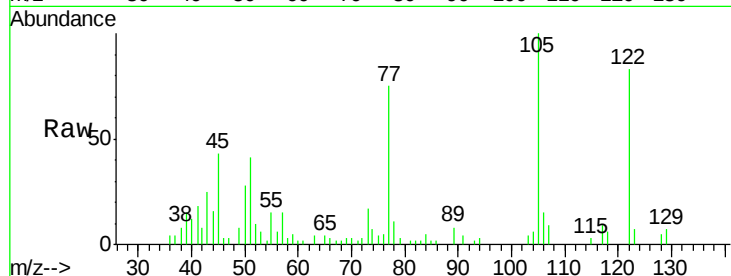
Tgt Ion:122 Resp: 30035

Ion Ratio Lower Upper

122 100

105 120.1 95.1 135.1

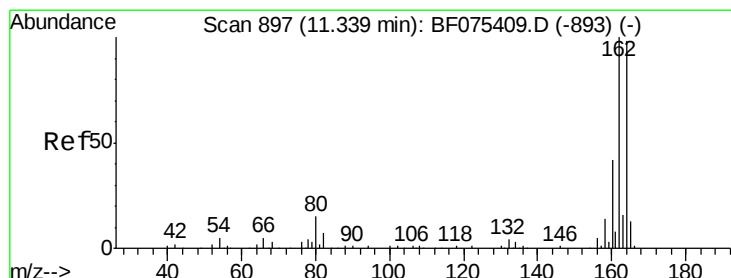
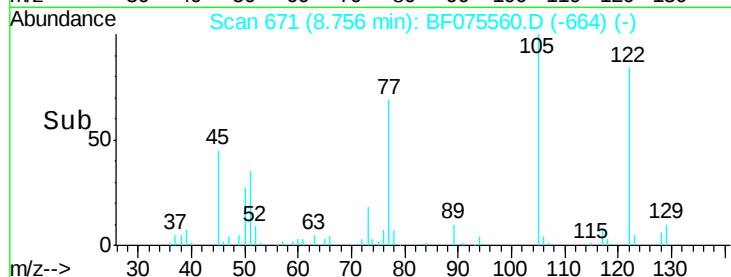
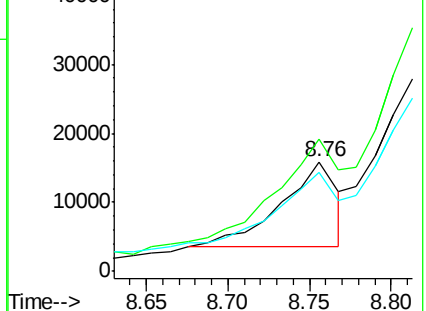
77 90.2 62.6 102.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

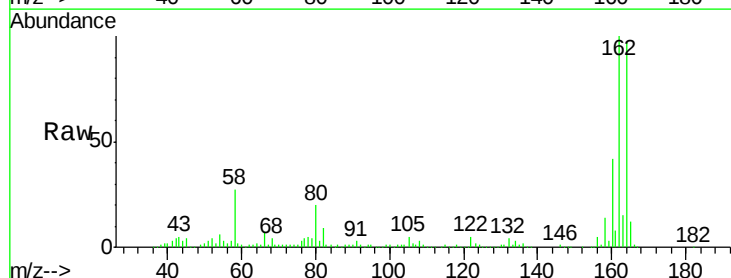
Tgt Ion:164 Resp: 131713

Ion Ratio Lower Upper

164 100

162 102.7 79.1 118.7

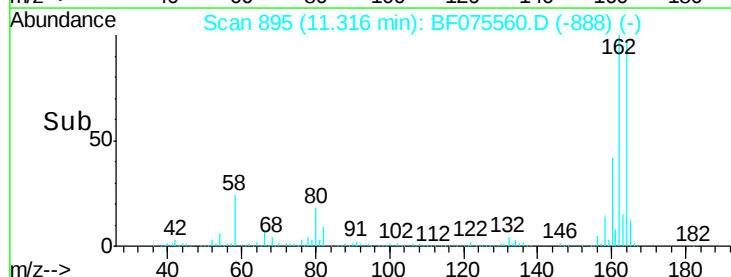
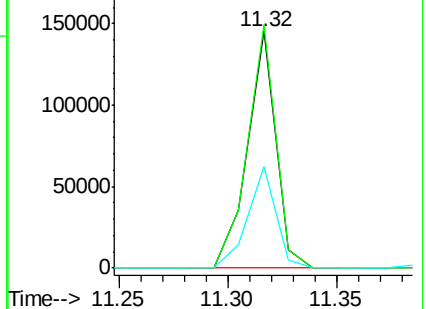
160 42.9 34.6 51.8

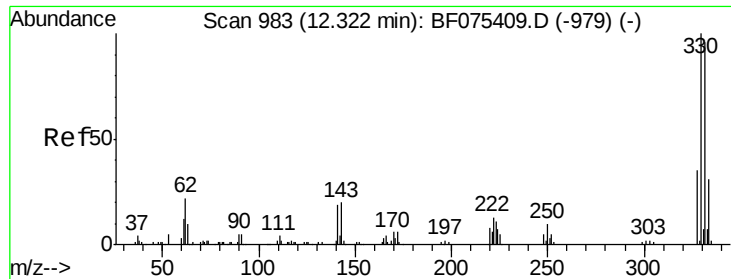


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

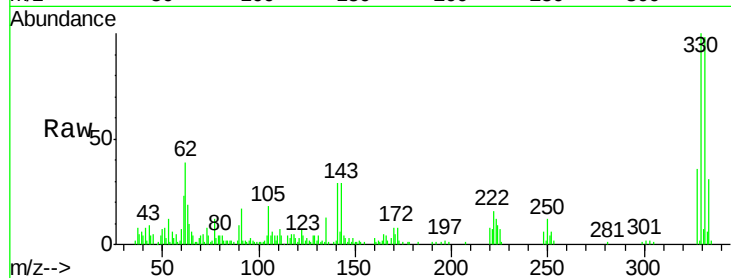




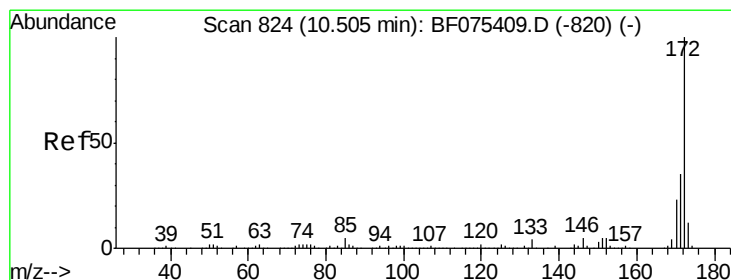
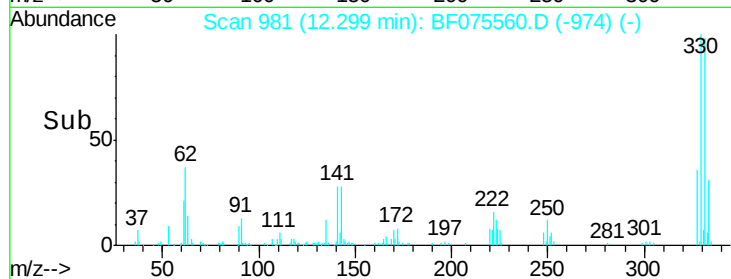
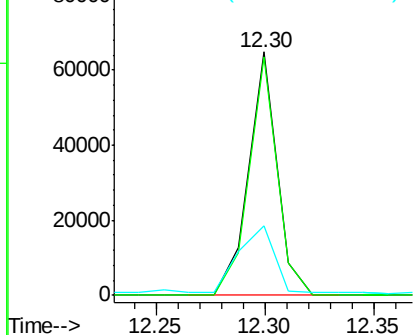
#41
 2,4,6-Tribromophenol
 Concen: 53.51 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075560.D
 Acq: 16 Nov 2014 00:16

Instrument :
 BNA_F
 ClientSampleId :
 AP6S1

Tgt Ion:330 Resp: 59027
 Ion Ratio Lower Upper
 330 100
 332 97.3 74.5 111.7
 141 38.9 30.7 46.1

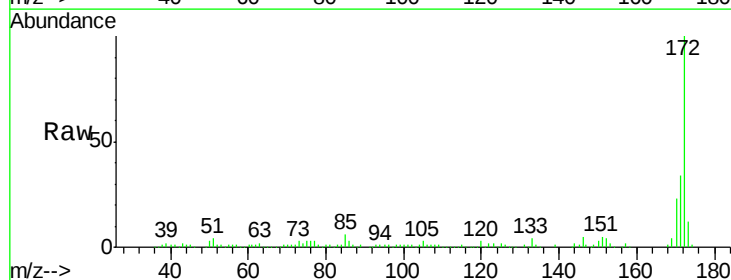


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

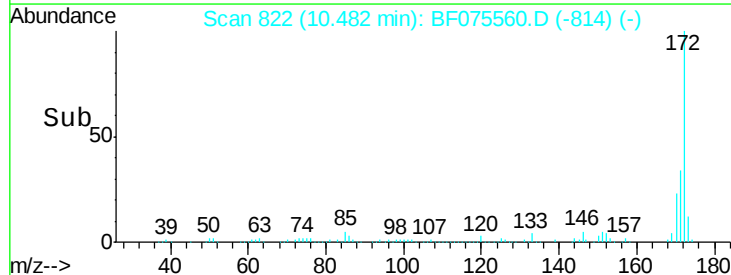
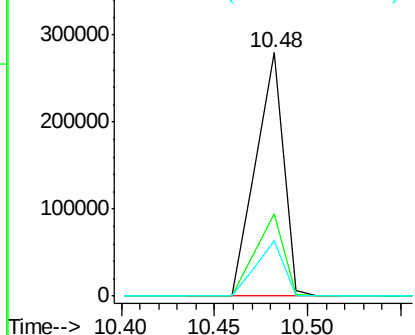


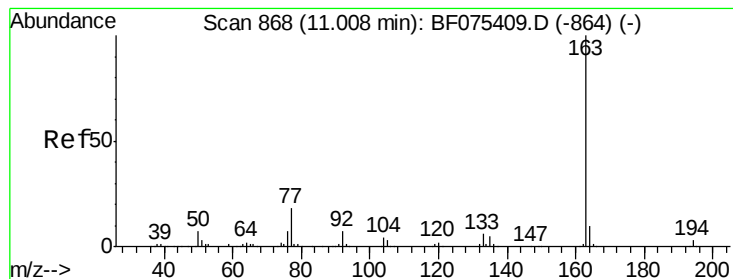
#44
 2-Fluorobiphenyl
 Concen: 39.49 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075560.D
 Acq: 16 Nov 2014 00:16

Tgt Ion:172 Resp: 287864
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.3 40.9
 170 22.9 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





#49

Dimethylphthalate

Concen: 5.10 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

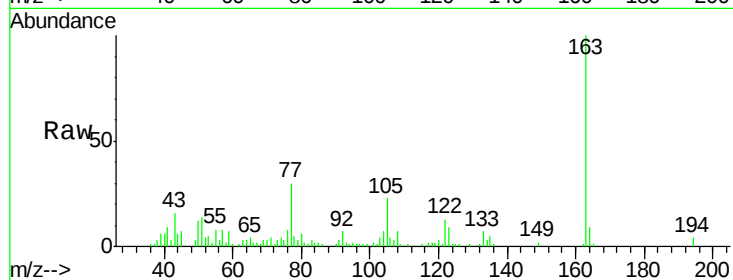
Tgt Ion:163 Resp: 45964

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

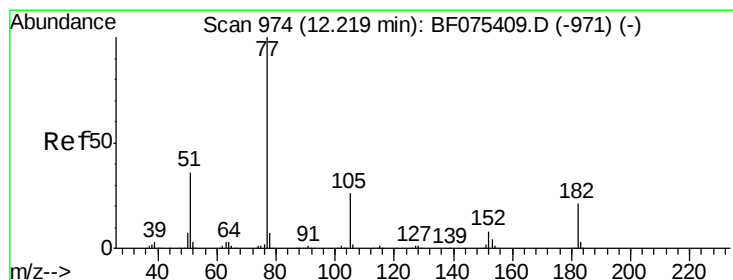
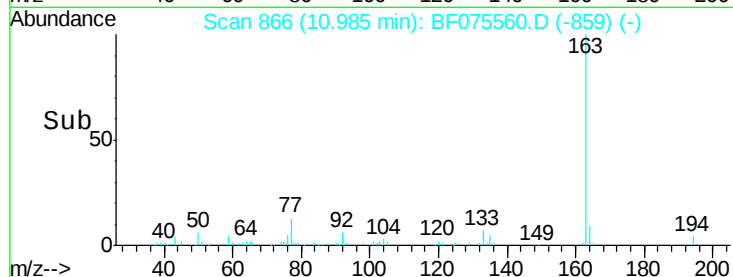
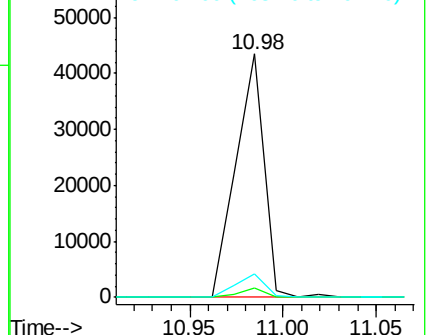
164 9.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 16.59 ng

RT: 12.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Tgt Ion: 77 Resp: 136407

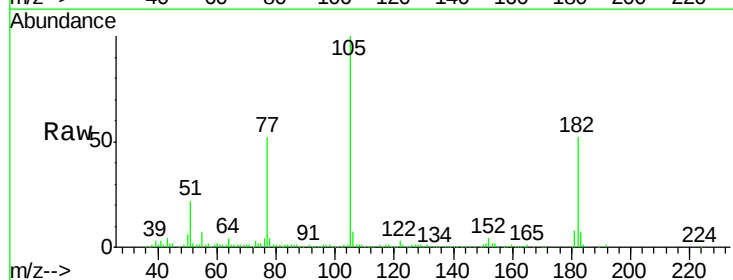
Ion Ratio Lower Upper

77 100

182 99.6 0.0 37.1#

105 192.3 3.7 43.7#

51 42.4 18.7 58.7

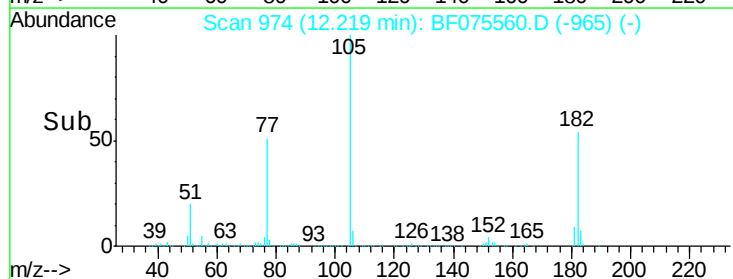
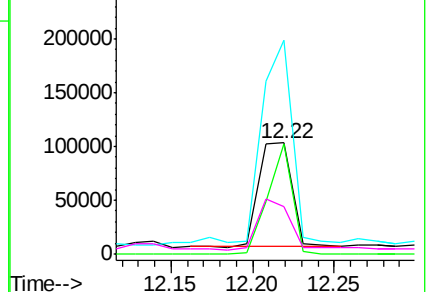


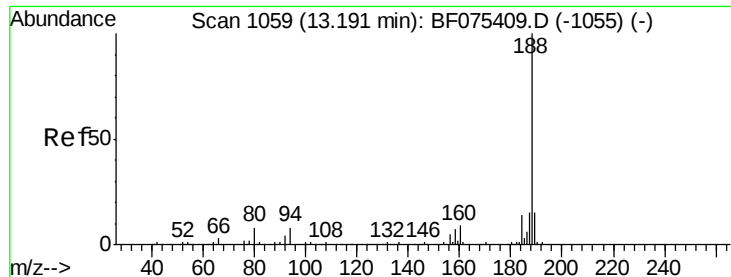
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

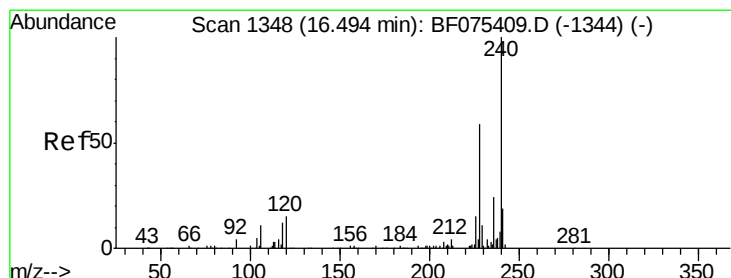
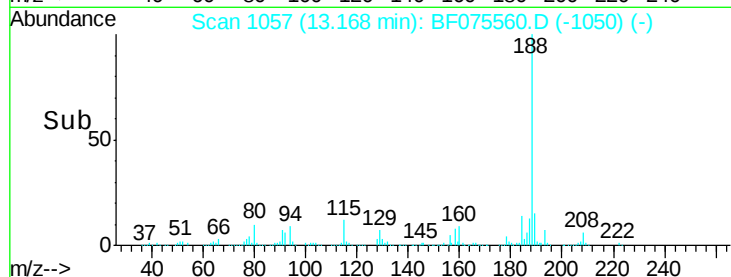
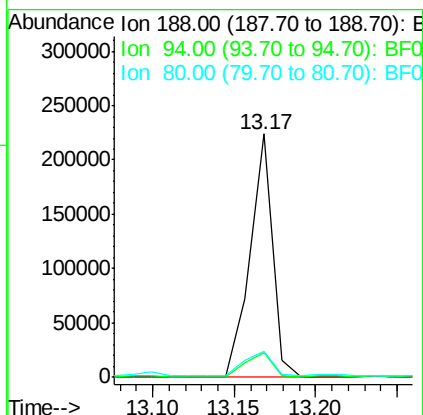
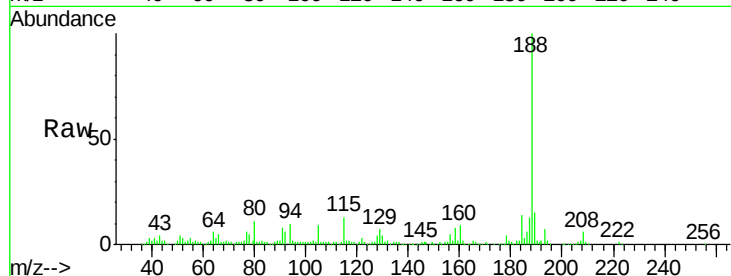




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

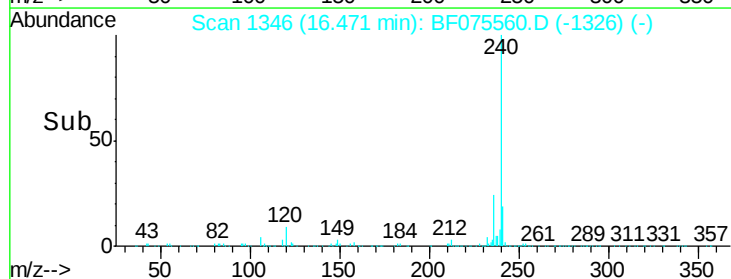
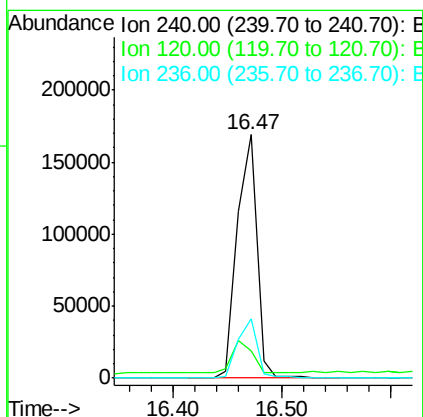
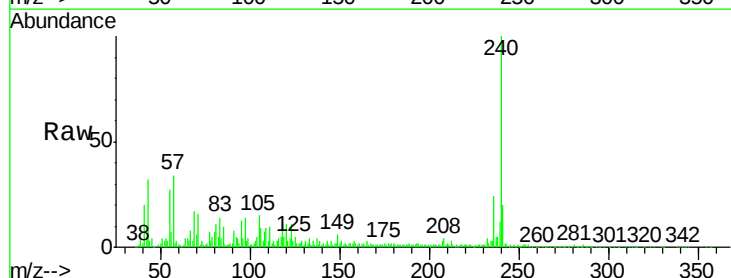
Instrument :
BNA_F
ClientSampleId :
AP6S1

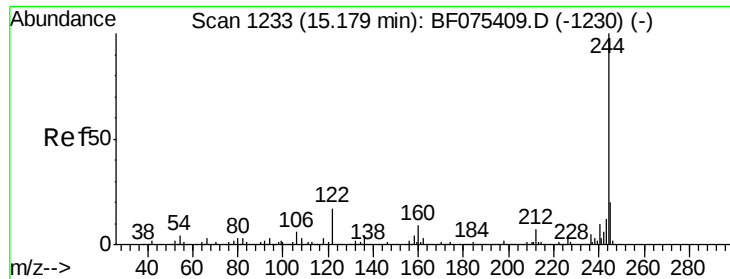
Tgt Ion:188 Resp: 214876
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.6 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

Tgt Ion:240 Resp: 206776
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 24.2 18.9 28.3





#78

Terphenyl-d14

Concen: 34.95 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

Instrument :

BNA_F

ClientSampleId :

AP6S1

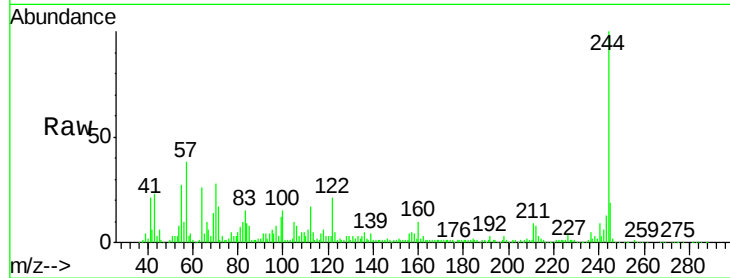
Tgt Ion:244 Resp: 268424

Ion Ratio Lower Upper

244 100

212 8.3 5.5 8.3#

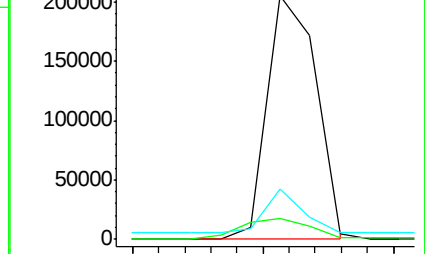
122 20.7 9.7 14.5#



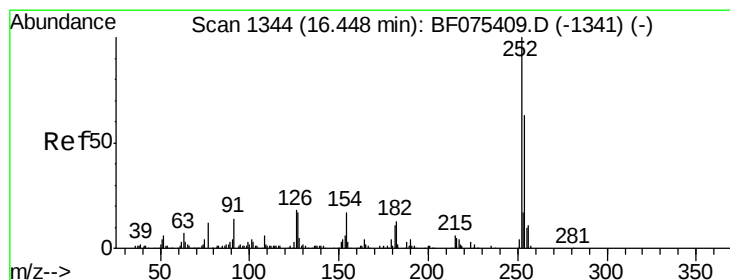
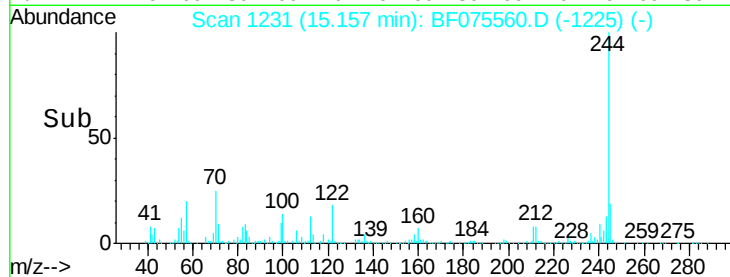
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 3.02 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.06 min

Lab File: BF075560.D

Acq: 16 Nov 2014 00:16

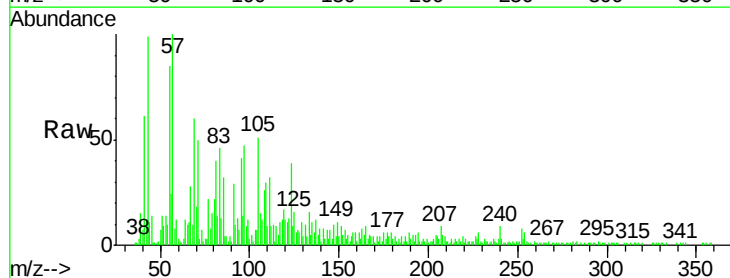
Tgt Ion:252 Resp: 12120

Ion Ratio Lower Upper

252 100

254 67.4 50.0 75.0

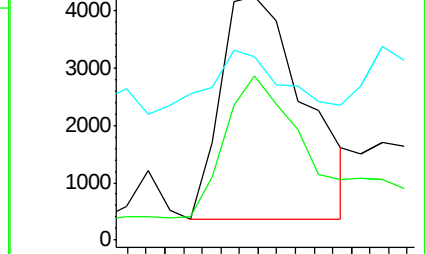
126 75.5 16.0 24.0#



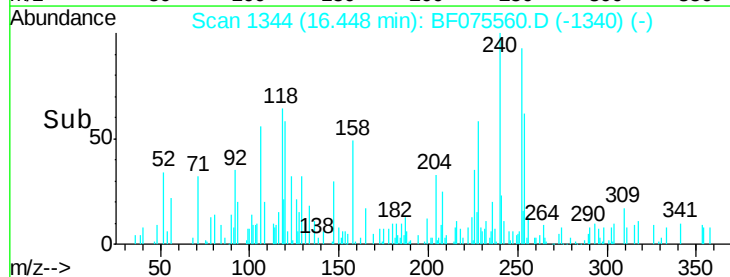
Abundance Ion 252.00 (251.70 to 252.70): E

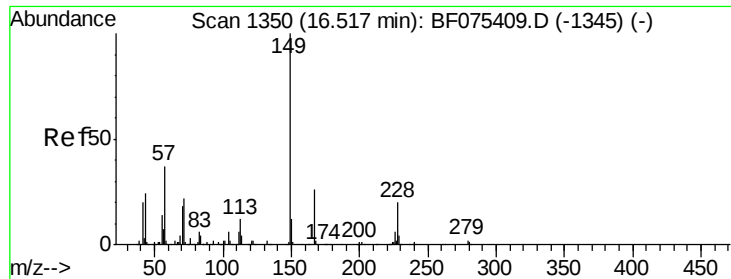
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->

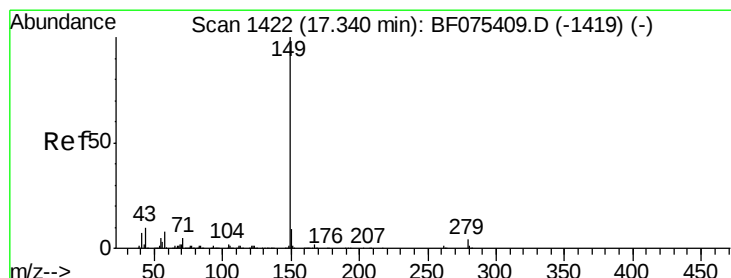
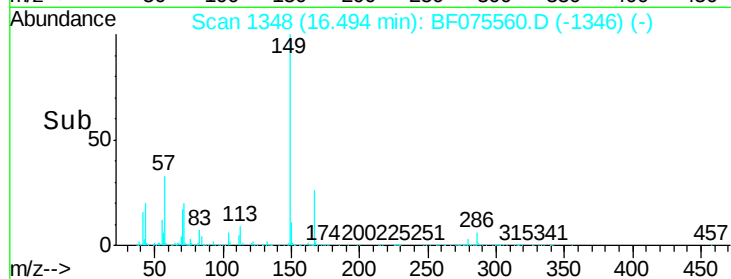
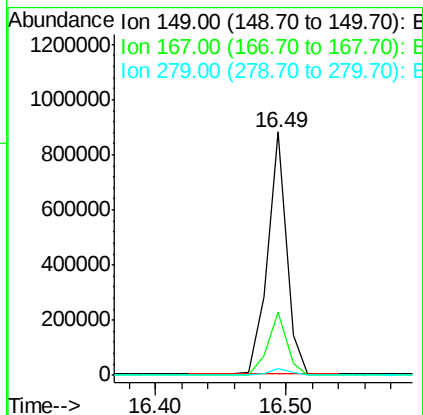
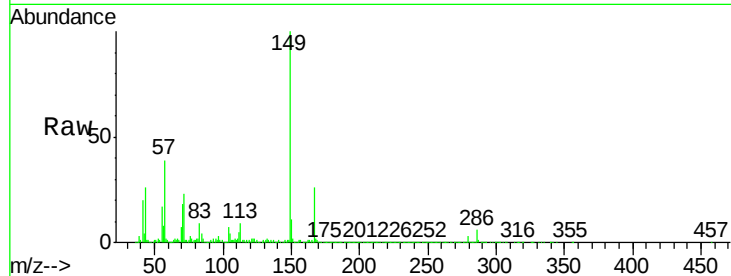




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 84.34 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.08 min
 Lab File: BF075560.D
 Acq: 16 Nov 2014 00:16

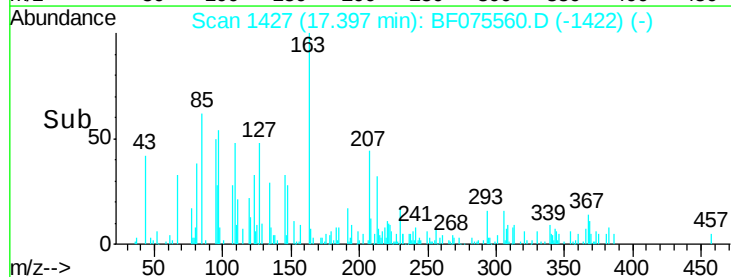
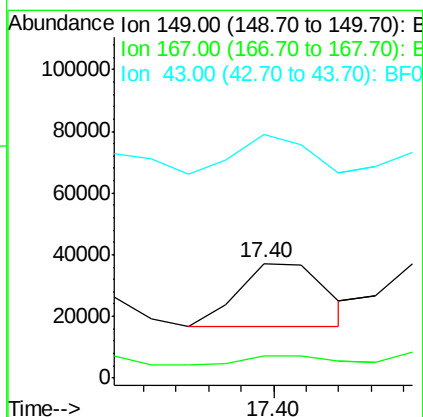
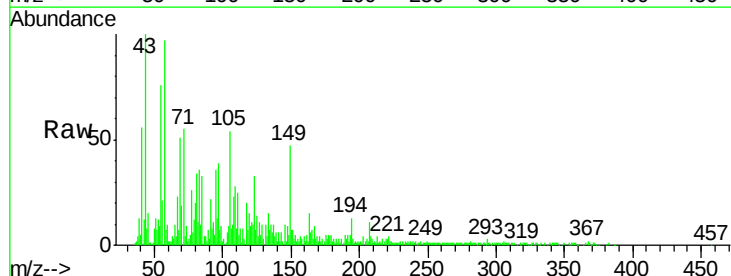
Instrument :
 BNA_F
 ClientSampleId :
 AP6S1

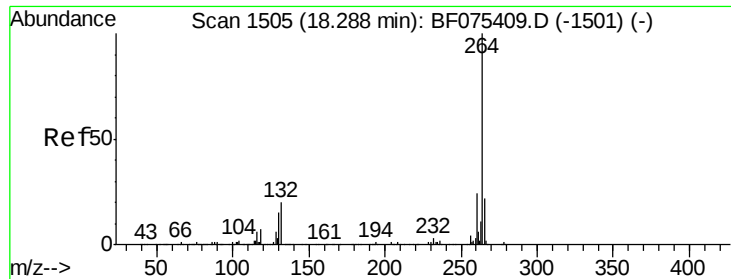
Tgt Ion:149 Resp: 896902
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.2
 279 2.7 2.8 4.2#



#84
 Di-n-octyl phthalate
 Concen: 2.02 ng
 RT: 17.40 min Scan# 1427
 Delta R.T. -0.05 min
 Lab File: BF075560.D
 Acq: 16 Nov 2014 00:16

Tgt Ion:149 Resp: 37779
 Ion Ratio Lower Upper
 149 100
 167 14.0 1.1 1.7#
 43 51.3 11.0 16.4#

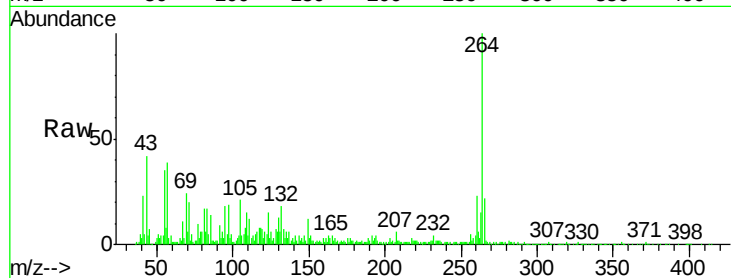




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.24 min Scan# 1501
Delta R.T. -0.19 min
Lab File: BF075560.D
Acq: 16 Nov 2014 00:16

Instrument :
BNA_F
ClientSampleId :
AP6S1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.5	16.3	24.5

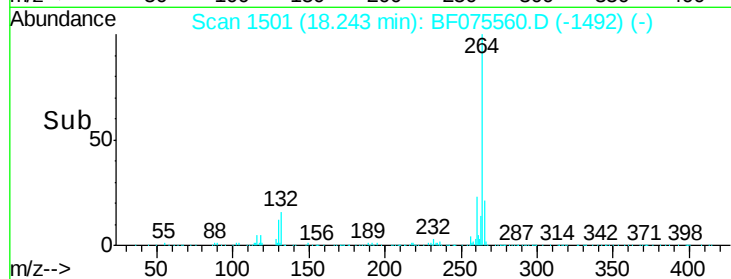
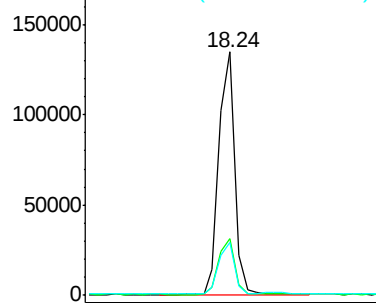


Abundance

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



Time-->