

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077079.D
 Acq On : 27 Jan 2015 8:16
 Operator : TP/IZ
 Sample : G1044-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Quant Time: Jan 27 13:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	43624	20.00	ng	0.01
21) Naphthalene-d8	10.69	136	191468	20.00	ng	0.01
38) Acenaphthene-d10	14.81	164	106141	20.00	ng	0.01
63) Phenanthrene-d10	17.64	188	174008	20.00	ng	0.00
75) Chrysene-d12	21.15	240	168032	20.00	ng	0.00
86) Perylene-d12	22.79	264	151505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.81	112	170285	64.18	ng	0.03
7) Phenol-d6	7.21	99	133532	39.89	ng	0.05
23) Nitrobenzene-d5	9.09	82	321364	92.99	ng	0.01
41) 2,4,6-Tribromophenol	16.54	330	130861	151.89	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	647569	92.85	ng	0.00
78) Terphenyl-d14	19.89	244	608248	83.33	ng	0.01

Target Compounds

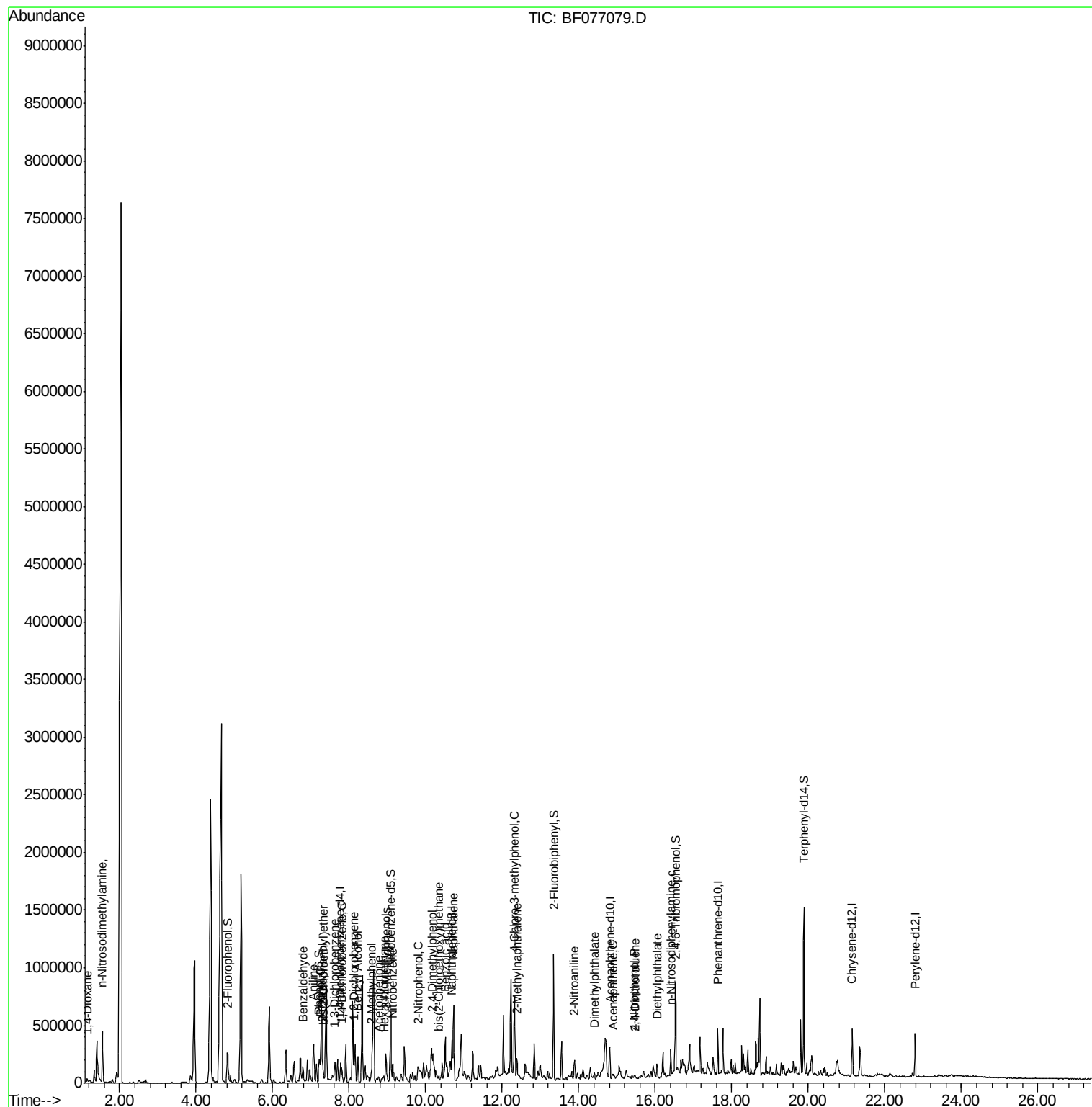
						Qvalue
2) 1,4-Dioxane	1.16	88	8926	7.86	ng	# 91
4) n-Nitrosodimethylamine	1.56	42	17522	12.03	ng	# 1
6) Aniline	7.06	93	123489	26.66	ng	94
8) 2-Chlorophenol	7.30	128	24589	8.04	ng	87
9) Benzaldehyde	6.79	77	9937	3.99	ng	# 1
10) Phenol	7.25	94	48281	13.58	ng	# 64
11) bis(2-Chloroethyl)ether	7.32	93	35147	12.64	ng	# 84
12) 1,3-Dichlorobenzene	7.61	146	7158	2.06	ng	98
13) 1,4-Dichlorobenzene	7.81	146	50736	13.75	ng	97
14) 1,2-Dichlorobenzene	8.13	146	50303	14.79	ng	97
15) Benzyl Alcohol	8.23	79	8632	3.19	ng	# 43
17) 2-Methylphenol	8.58	107	15304	6.12	ng	96
18) Hexachloroethane	8.92	117	2577	2.01	ng	# 1
20) 3+4-Methylphenols	8.96	107	97304	29.40	ng	95
22) Acetophenone	8.77	105	13229	2.82	ng	# 81
24) Nitrobenzene	9.14	77	13710	3.89	ng	# 56
26) 2-Nitrophenol	9.82	139	3332	3.55	ng	# 1
27) 2,4-Dimethylphenol	10.16	122	25522	9.37	ng	93
28) bis(2-Chloroethoxy)methane	10.35	93	16925	4.73	ng	# 83
31) Naphthalene	10.73	128	479955	48.69	ng	99
32) Benzoic acid	10.52	122	116663	77.34	ng	# 14
36) 4-Chloro-3-methylphenol	12.32	107	170438	58.66	ng	# 20
37) 2-Methylnaphthalene	12.38	142	75378	11.20	ng	94
47) 2-Nitroaniline	13.89	65	5275	2.69	ng	# 19
49) Dimethylphthalate	14.40	163	38729	5.15	ng	# 94
51) Acenaphthene	14.88	154	16257	2.62	ng	92
55) 4-Nitrophenol	15.45	139	2936	2.49	ng	# 35
56) 2,4-Dinitrotoluene	15.47	165	272	2.23	ng	# 9
59) Diethylphthalate	16.05	149	35628	4.68	ng	# 91
65) n-Nitrosodiphenylamine	16.40	169	86296	13.91	ng	92

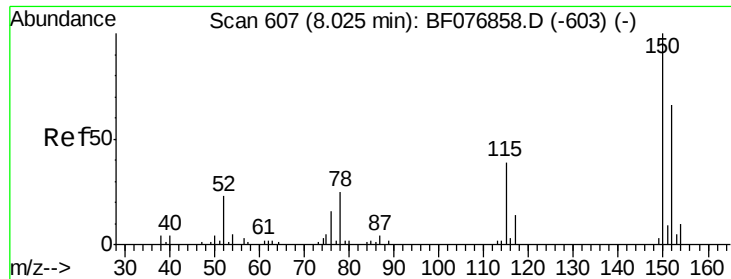
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

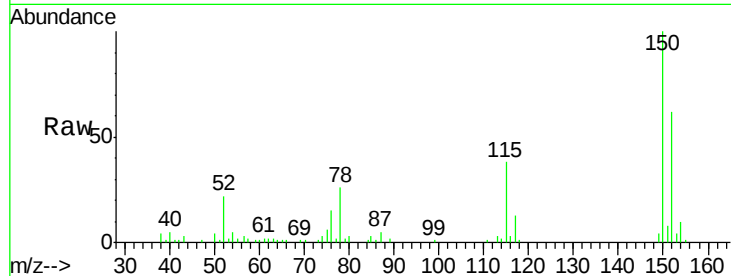
Tgt Ion:152 Resp: 43624

Ion Ratio Lower Upper

152 100

150 162.3 121.7 182.5

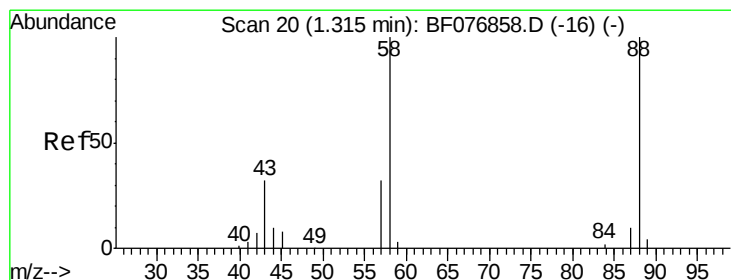
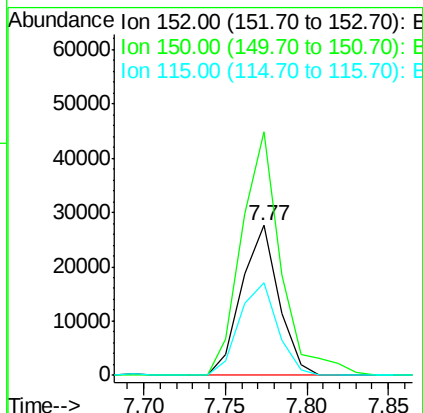
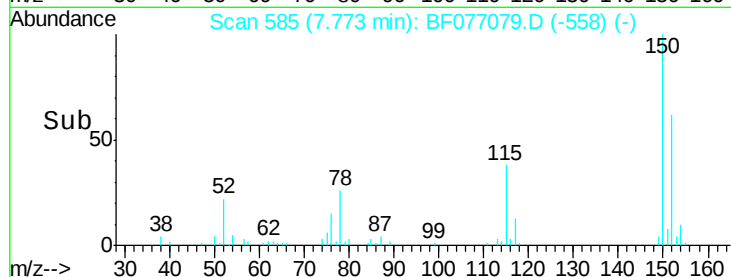
115 61.6 47.0 70.6



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



#2

1,4-Dioxane

Concen: 7.86 ng

RT: 1.16 min Scan# 6

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

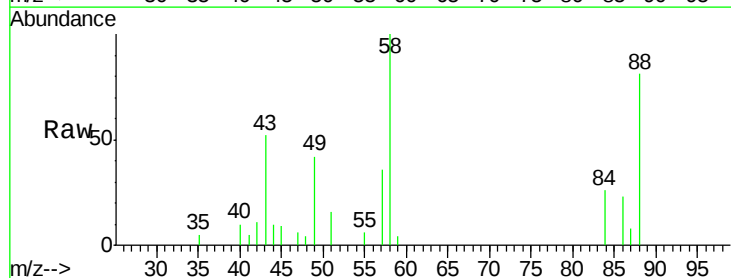
Tgt Ion: 88 Resp: 8926

Ion Ratio Lower Upper

88 100

58 103.6 77.0 115.4

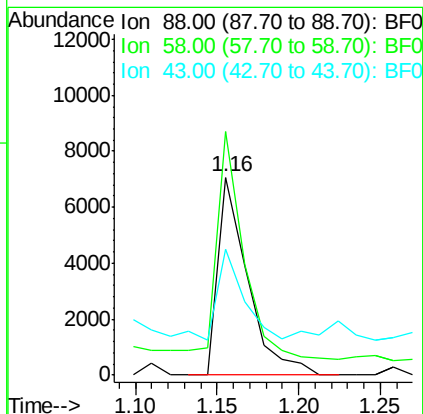
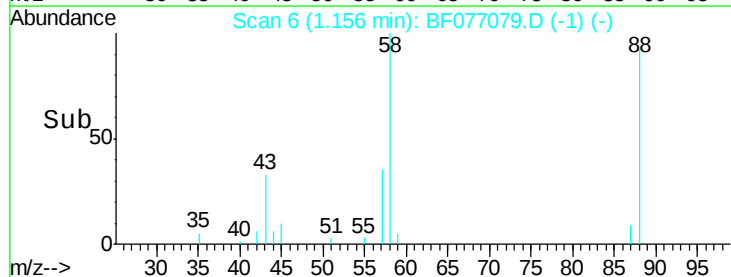
43 40.1 25.6 38.4#

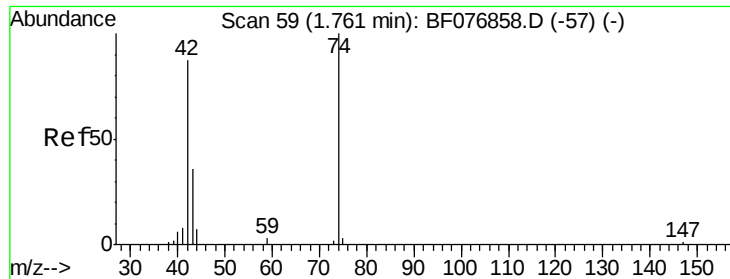


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 12.03 ng

RT: 1.56 min Scan# 41

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampled :

SP-1A

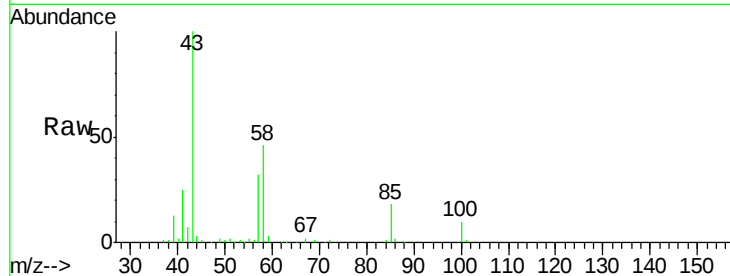
Tgt Ion: 42 Resp: 17522

Ion Ratio Lower Upper

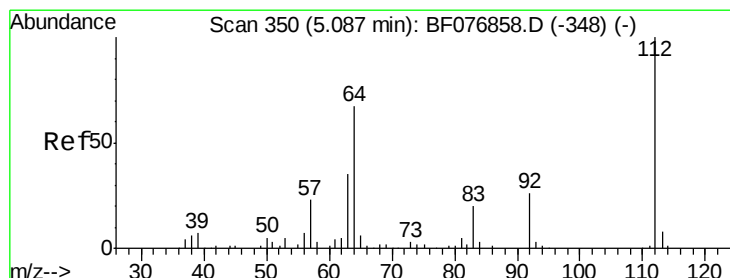
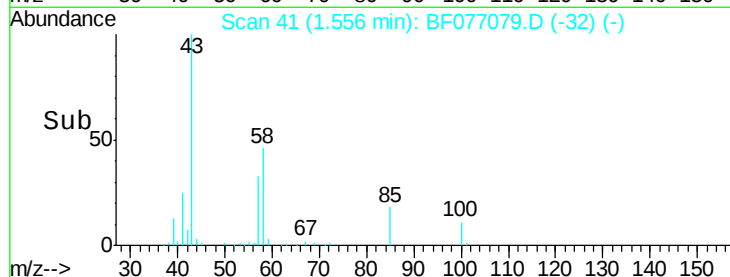
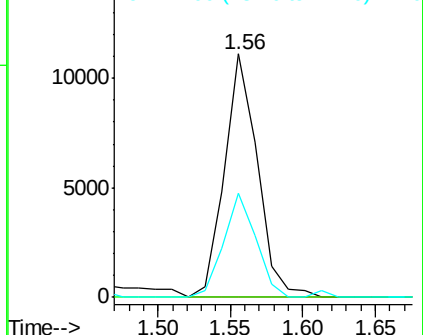
42 100

74 0.0 92.4 138.6#

44 43.0 6.2 9.2#



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: 64.18 ng

RT: 4.81 min Scan# 326

Delta R.T. 0.03 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

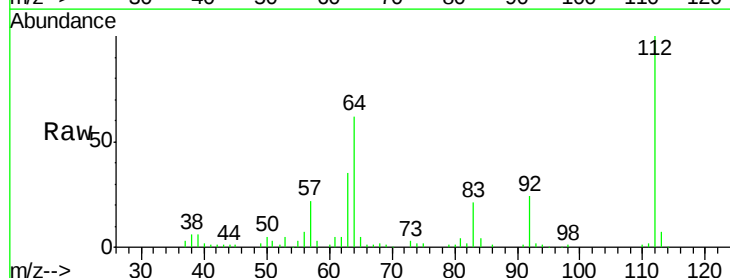
Tgt Ion: 112 Resp: 170285

Ion Ratio Lower Upper

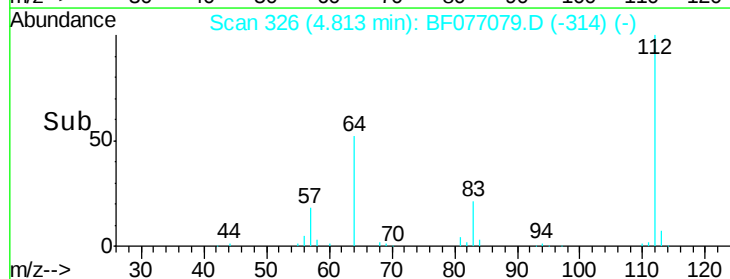
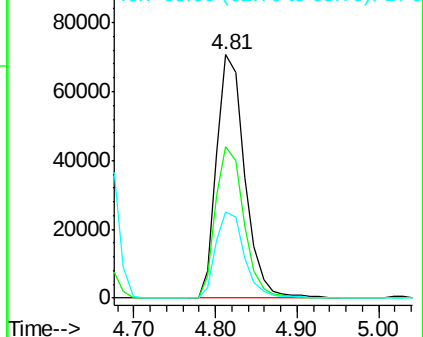
112 100

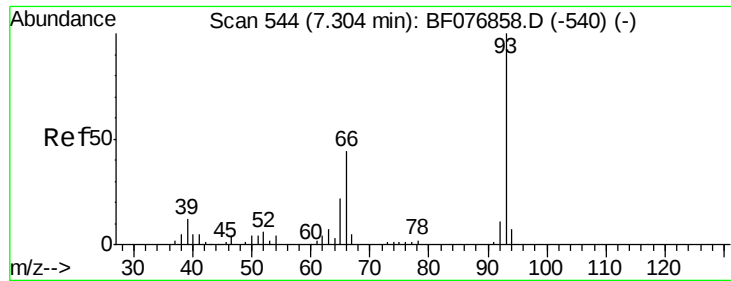
64 62.5 54.2 81.4

63 35.2 28.4 42.6



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: 26.66 ng

RT: 7.06 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

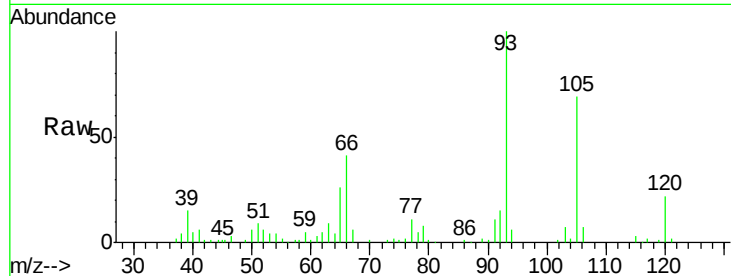
Tgt Ion: 93 Resp: 123489

Ion Ratio Lower Upper

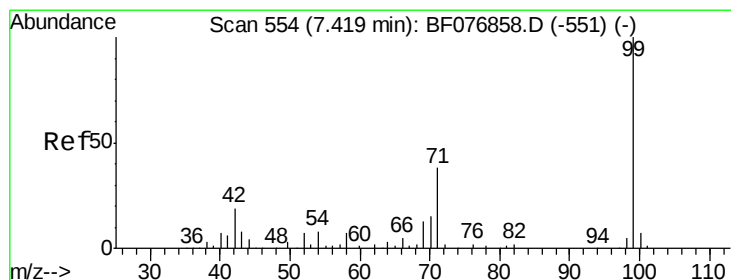
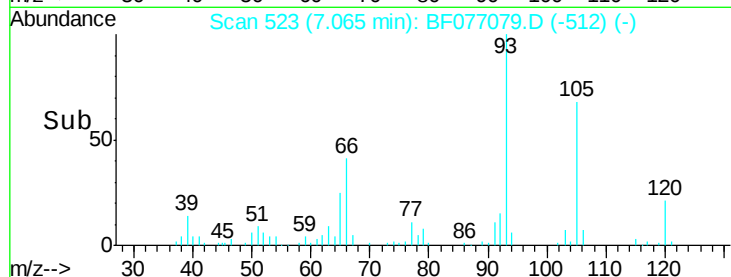
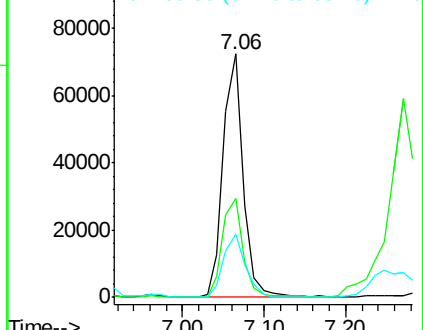
93 100

66 40.5 35.0 52.4

65 25.9 17.7 26.5



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: 39.89 ng

RT: 7.21 min Scan# 536

Delta R.T. 0.05 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

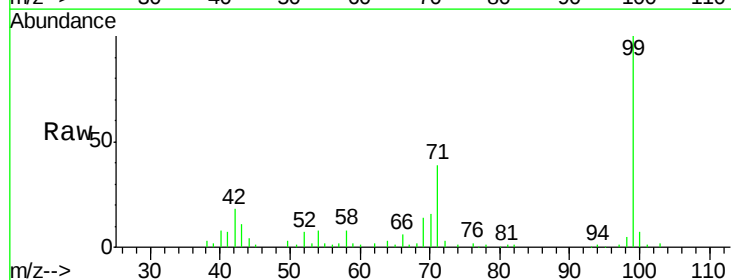
Tgt Ion: 99 Resp: 133532

Ion Ratio Lower Upper

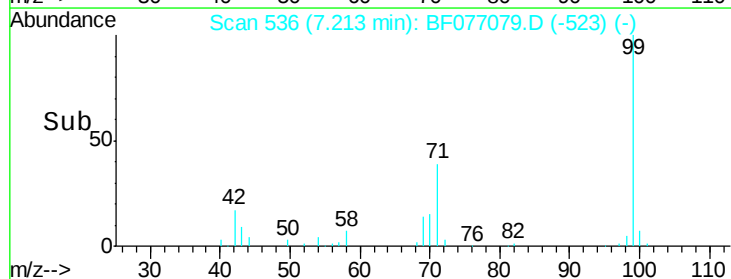
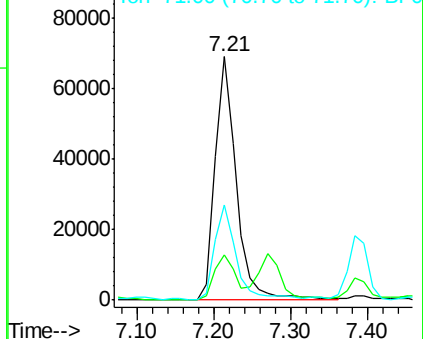
99 100

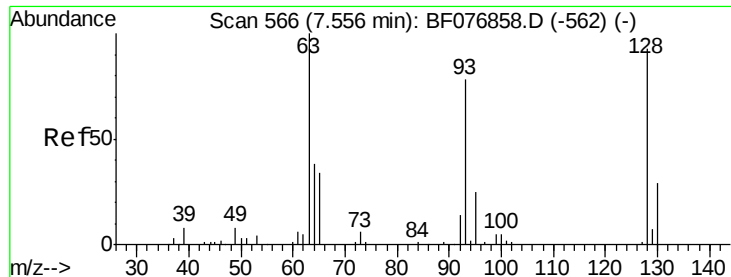
42 18.3 15.0 22.4

71 38.9 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 8.04 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

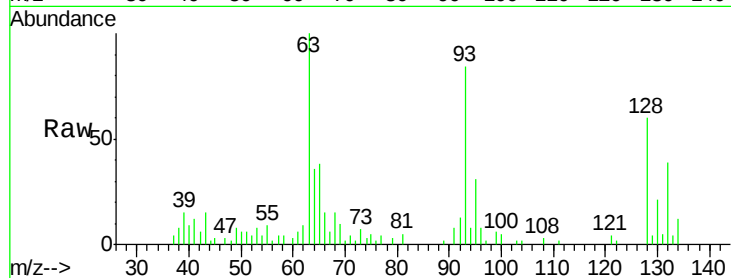
Tgt Ion:128 Resp: 24589

Ion Ratio Lower Upper

128 100

130 35.0 11.0 51.0

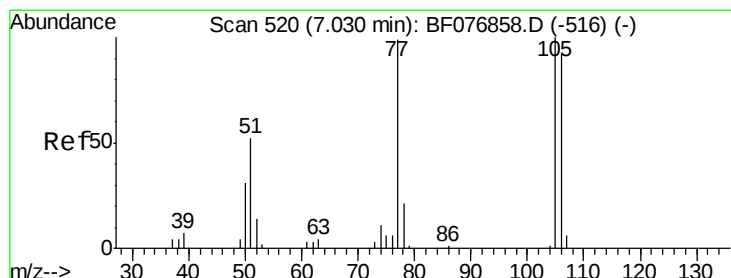
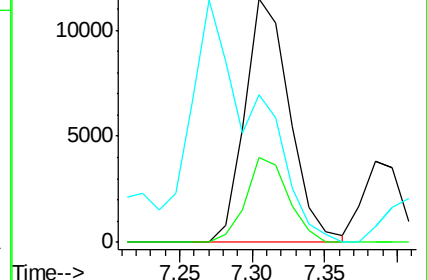
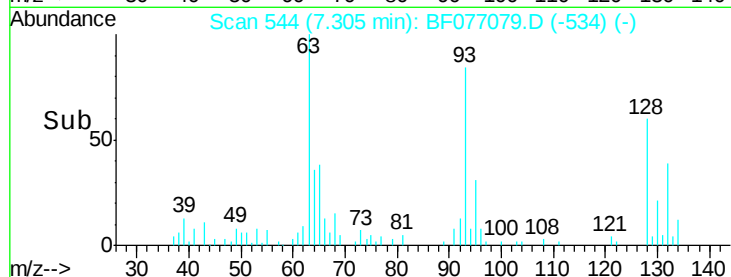
64 60.6 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 3.99 ng

RT: 6.79 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

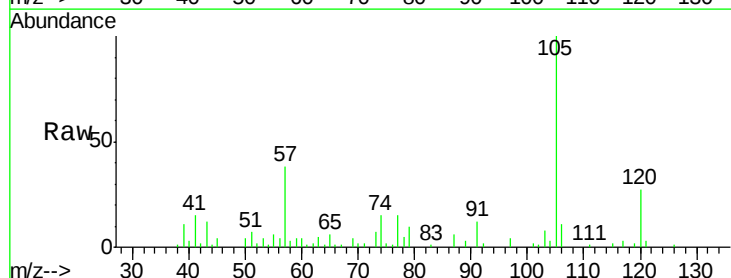
Tgt Ion: 77 Resp: 9937

Ion Ratio Lower Upper

77 100

105 663.6 81.4 121.4#

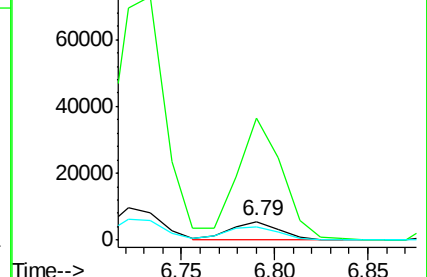
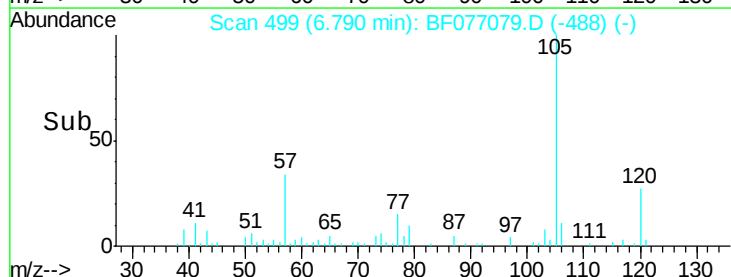
106 73.7 72.8 112.8

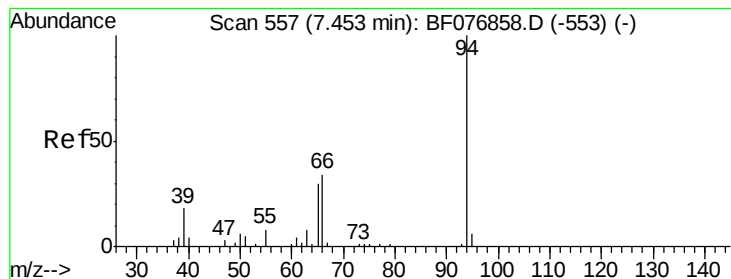


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.58 ng

RT: 7.25 min Scan# 539

Delta R.T. 0.05 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

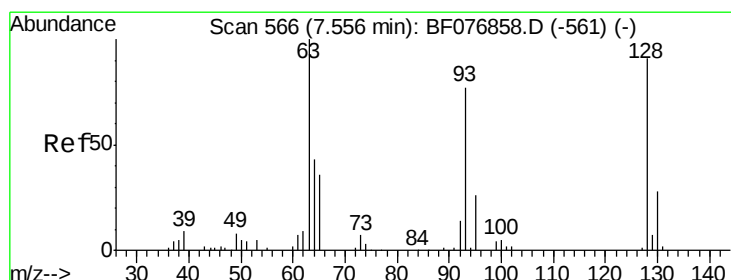
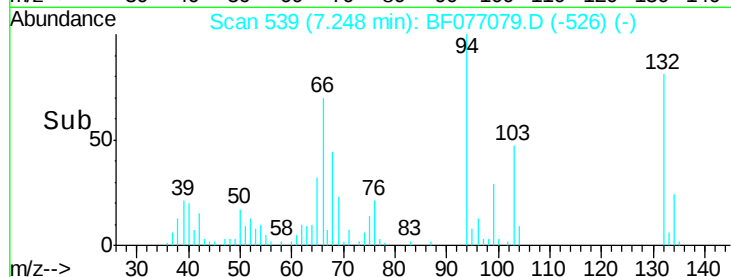
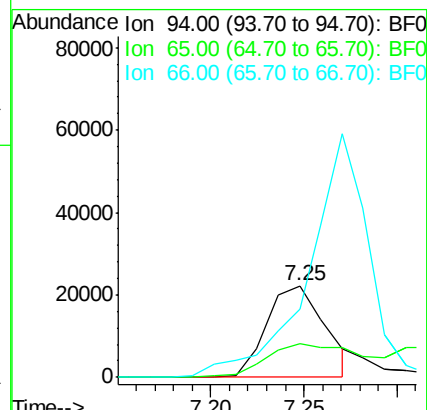
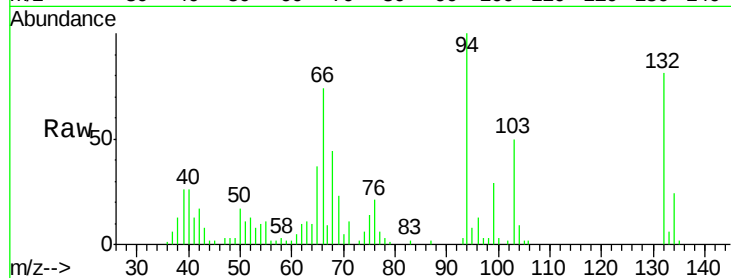
Tgt Ion: 94 Resp: 48281

Ion Ratio Lower Upper

94 100

65 36.7 11.3 51.3

66 74.3 19.5 59.5#



#11

bis(2-Chloroethyl)ether

Concen: 12.64 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

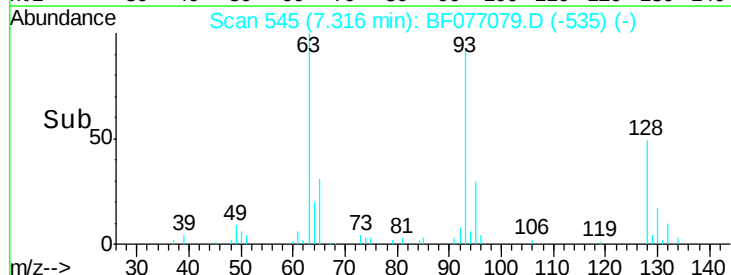
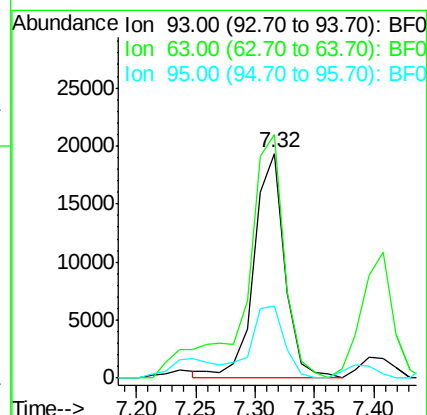
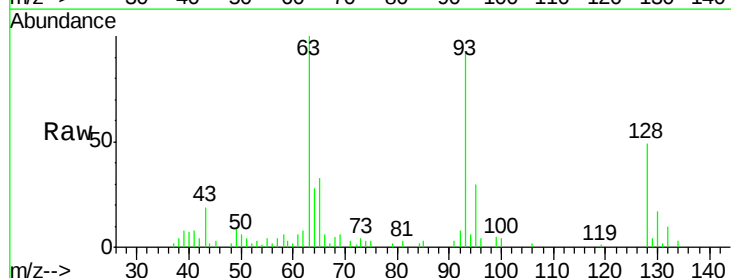
Tgt Ion: 93 Resp: 35147

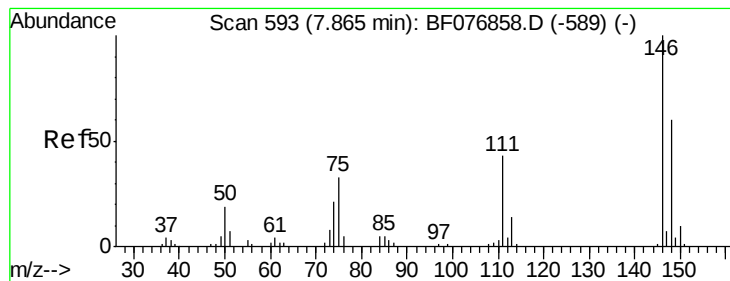
Ion Ratio Lower Upper

93 100

63 108.5 111.3 151.3#

95 32.3 13.8 53.8





#12

1,3-Dichlorobenzene

Concen: 2.06 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

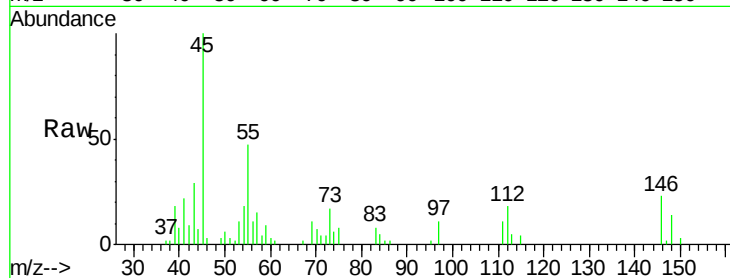
Tgt Ion:146 Resp: 7158

Ion Ratio Lower Upper

146 100

148 61.6 48.1 72.1

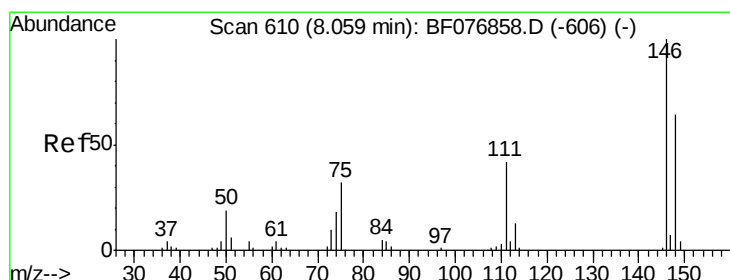
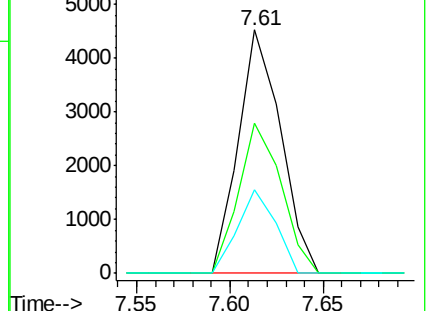
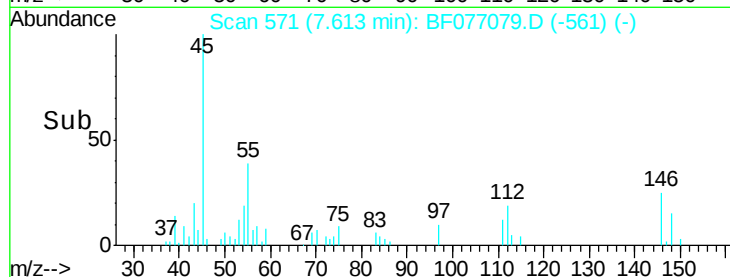
75 34.5 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 13.75 ng

RT: 7.81 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

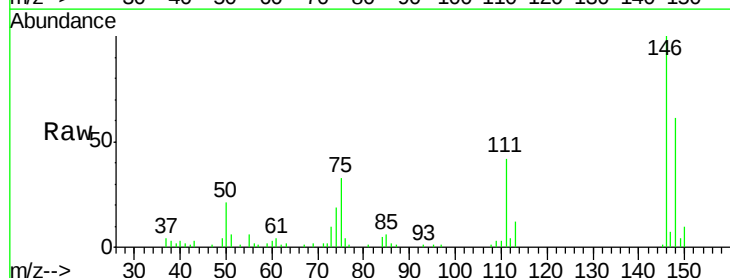
Tgt Ion:146 Resp: 50736

Ion Ratio Lower Upper

146 100

148 61.0 51.5 77.3

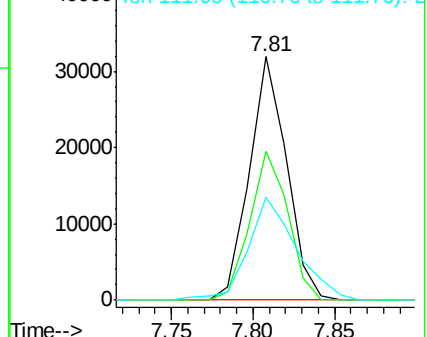
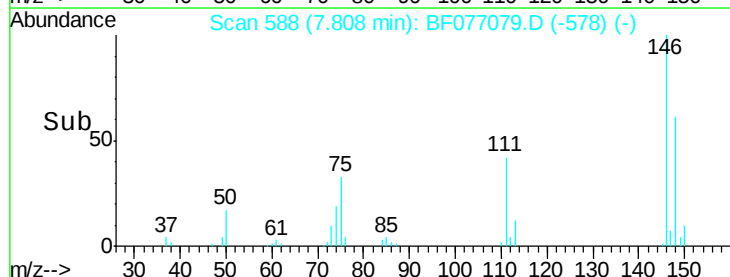
111 42.3 33.9 50.9

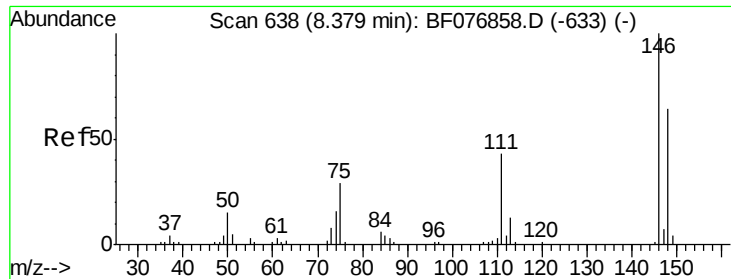


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

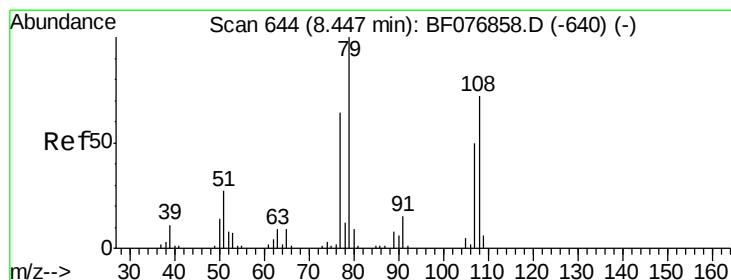
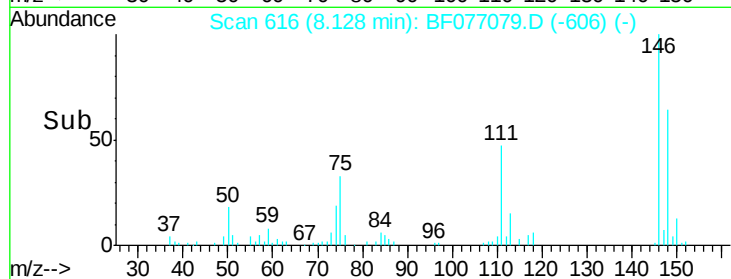
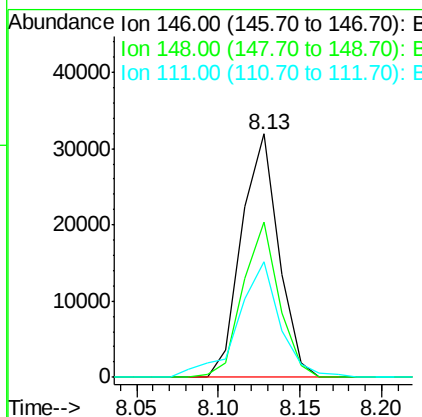
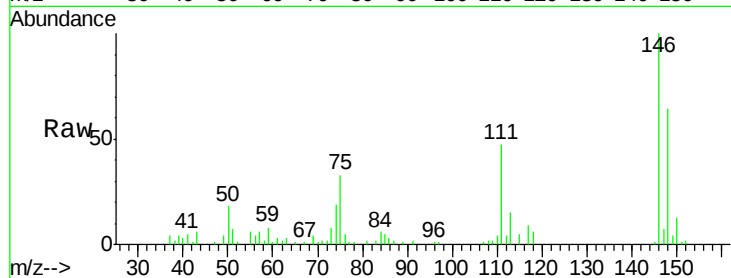




#14
 1,2-Dichlorobenzene
 Concen: 14.79 ng
 RT: 8.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

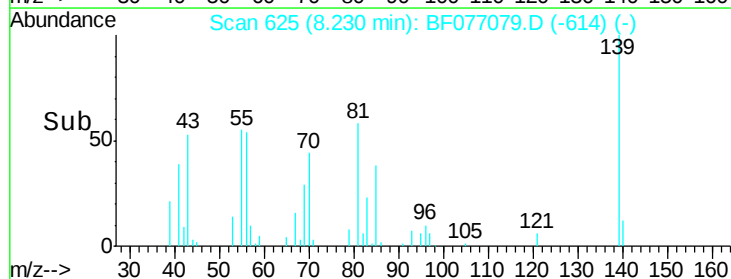
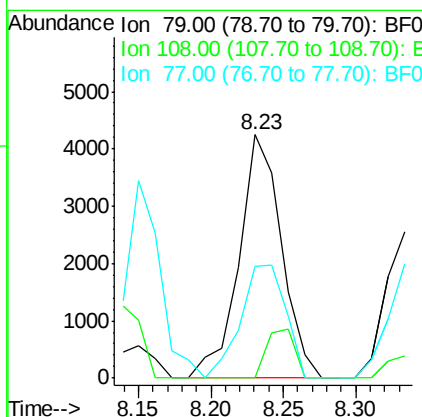
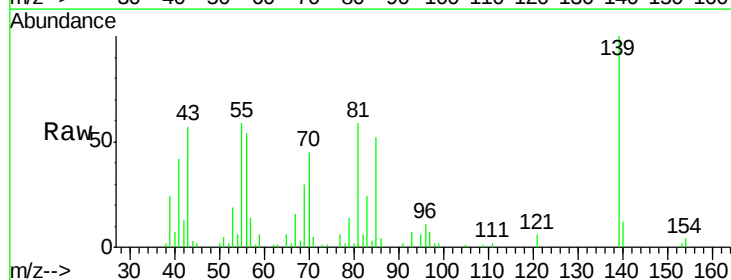
Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

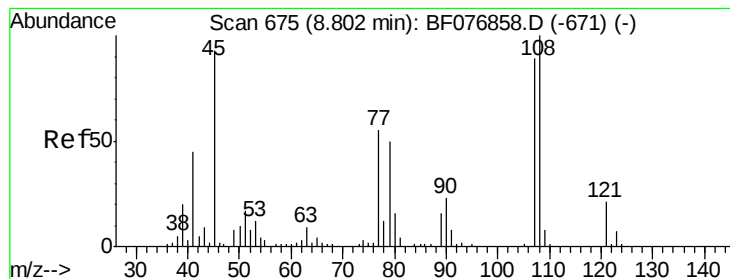
Tgt Ion: 146 Resp: 50303
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 47.5 34.5 51.7



#15
 Benzyl Alcohol
 Concen: 3.19 ng
 RT: 8.23 min Scan# 625
 Delta R.T. 0.02 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

Tgt Ion: 79 Resp: 8632
 Ion Ratio Lower Upper
 79 100
 108 0.0 57.2 85.8#
 77 45.7 51.2 76.8#





#17

2-Methylphenol

Concen: 6.12 ng

RT: 8.58 min Scan# 656

Delta R.T. 0.02 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

Tgt Ion:107 Resp: 15304

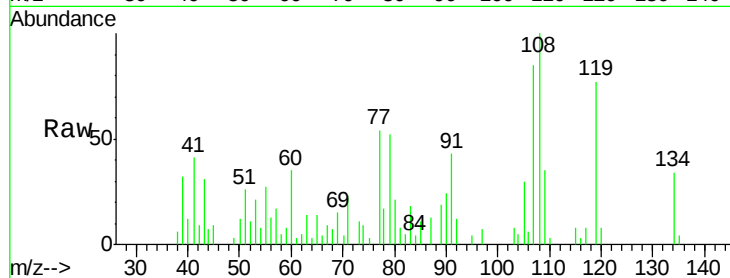
Ion Ratio Lower Upper

107 100

108 117.4 89.7 134.5

77 63.4 50.1 75.1

79 60.8 45.0 67.6

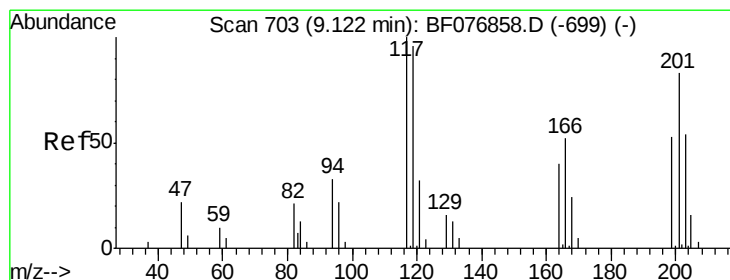
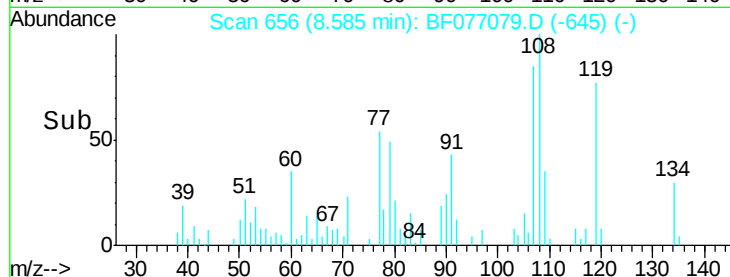
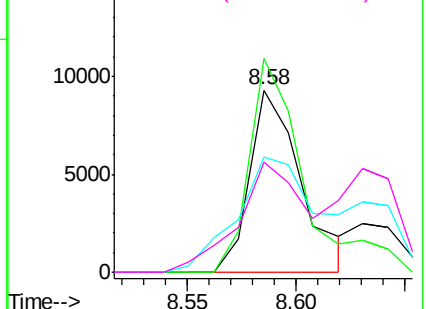


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.01 ng

RT: 8.92 min Scan# 685

Delta R.T. 0.06 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

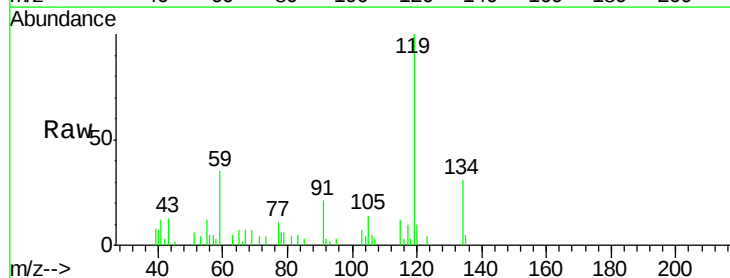
Tgt Ion:117 Resp: 2577

Ion Ratio Lower Upper

117 100

119 1044.5 77.1 115.7#

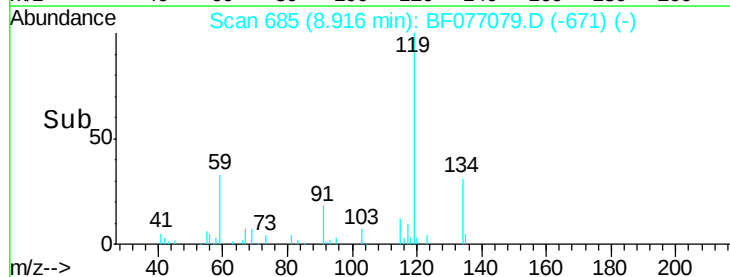
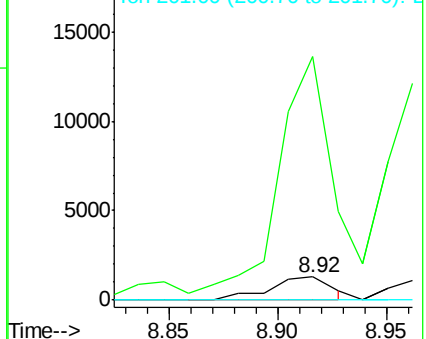
201 0.0 66.8 100.2#

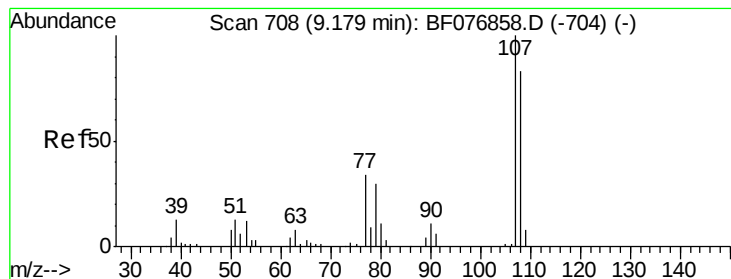


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 29.40 ng

RT: 8.96 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

Tgt Ion:107 Resp: 97304

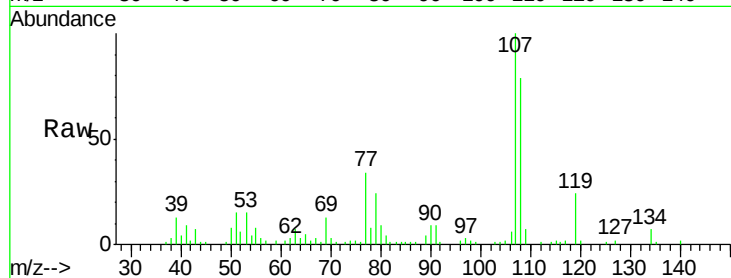
Ion Ratio Lower Upper

107 100

108 78.7 63.5 103.5

77 33.7 14.0 54.0

79 24.2 9.9 49.9

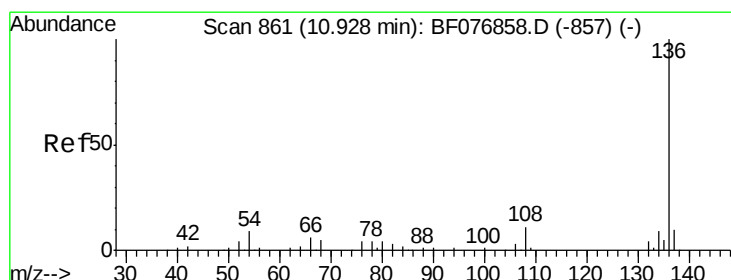
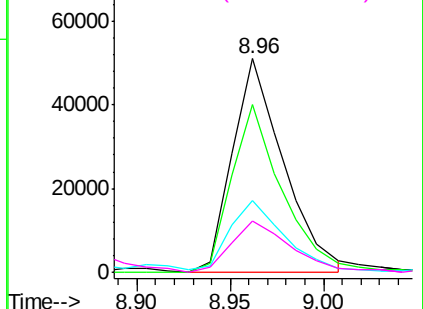
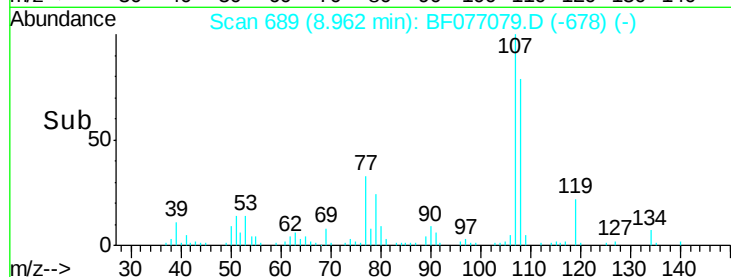


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.69 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Tgt Ion:136 Resp: 191468

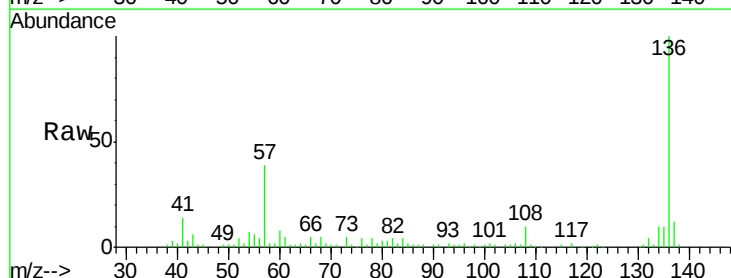
Ion Ratio Lower Upper

136 100

137 11.7 8.1 12.1

54 7.1 7.0 10.4

68 4.6 3.7 5.5

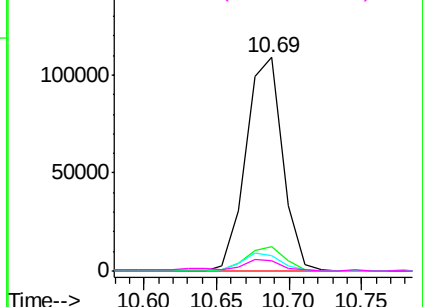
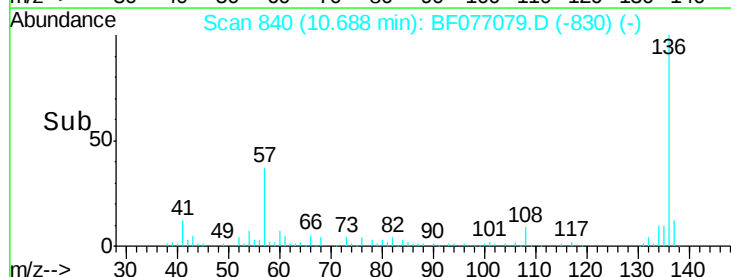


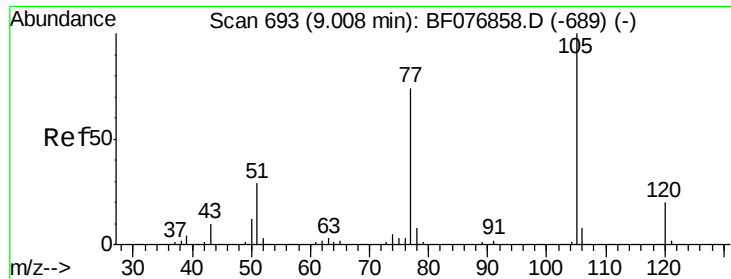
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

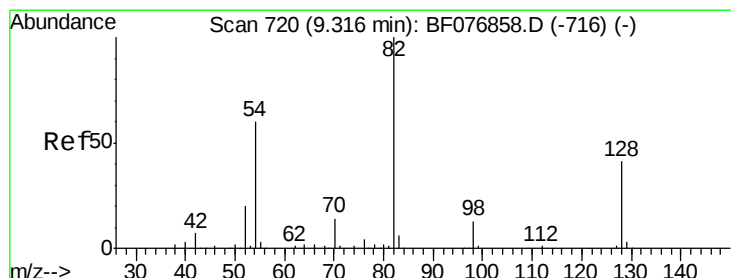
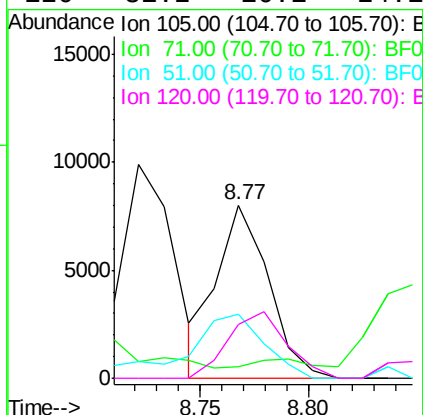
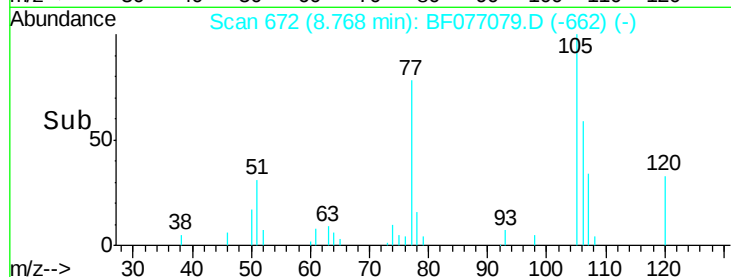
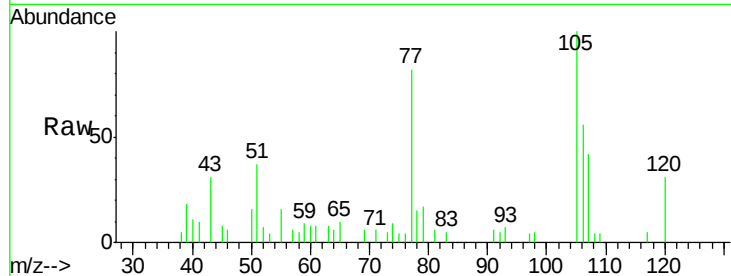




#22
Acetophenone
Concen: 2.82 ng
RT: 8.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF077079.D
Acq: 27 Jan 2015 8:16

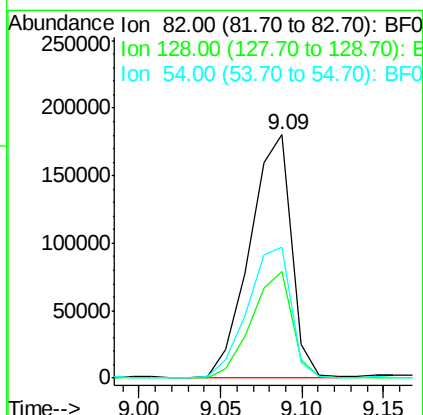
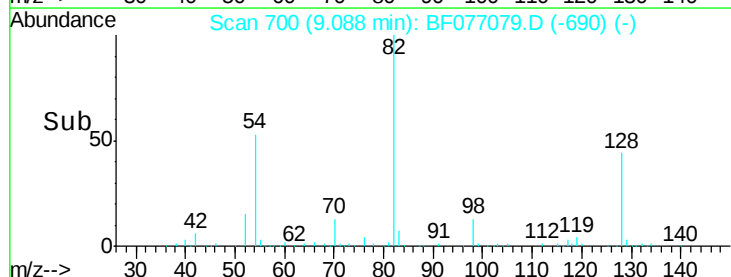
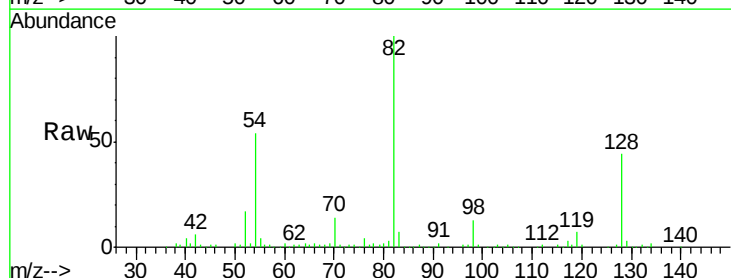
Instrument :
BNA_F
ClientSampleId :
SP-1A

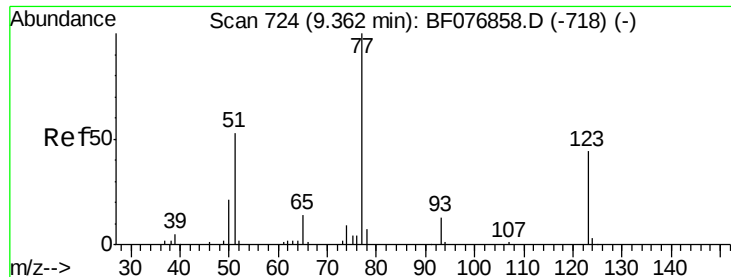
Tgt Ion: 105 Resp: 13229
Ion Ratio Lower Upper
105 100
71 6.3 0.0 0.0#
51 37.2 23.3 34.9#
120 31.2 16.1 24.1#



#23
Nitrobenzene-d5
Concen: 92.99 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF077079.D
Acq: 27 Jan 2015 8:16

Tgt Ion: 82 Resp: 321364
Ion Ratio Lower Upper
82 100
128 44.0 33.1 49.7
54 53.6 48.3 72.5





#24

Nitrobenzene

Concen: 3.89 ng

RT: 9.14 min Scan# 705

Delta R.T. 0.03 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

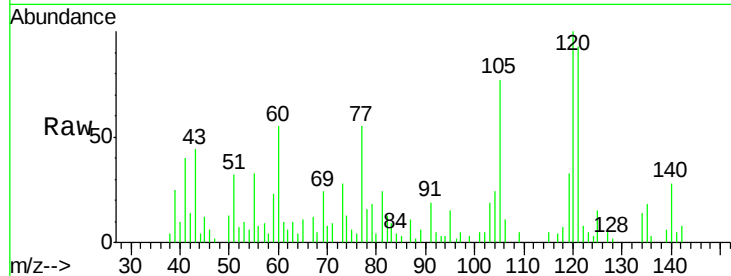
Tgt Ion: 77 Resp: 13710

Ion Ratio Lower Upper

77 100

123 8.7 35.2 52.8#

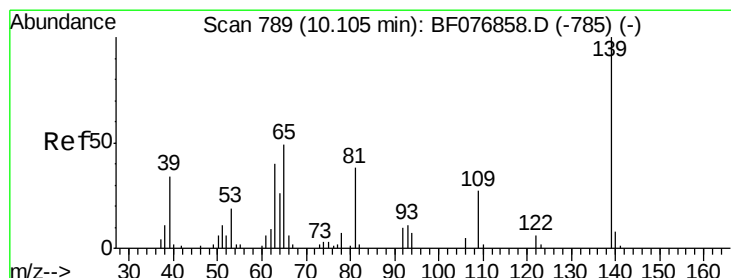
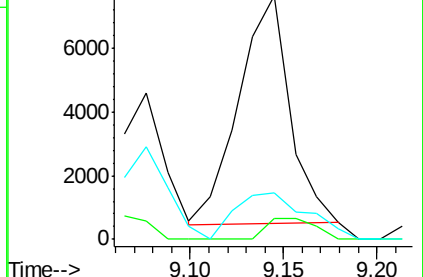
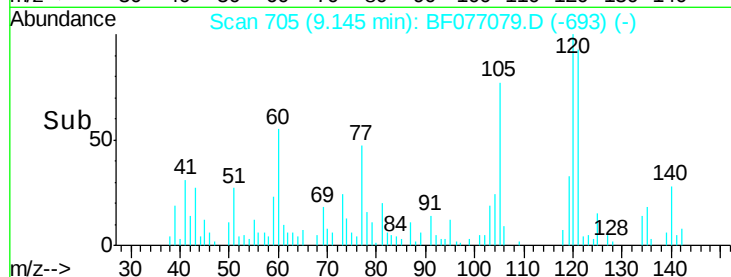
65 19.2 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF077079.D (-693) (-)

Ion 123.00 (122.70 to 123.70): BF077079.D (-693) (-)

Ion 65.00 (64.70 to 65.70): BF077079.D (-693) (-)



#26

2-Nitrophenol

Concen: 3.55 ng

RT: 9.82 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

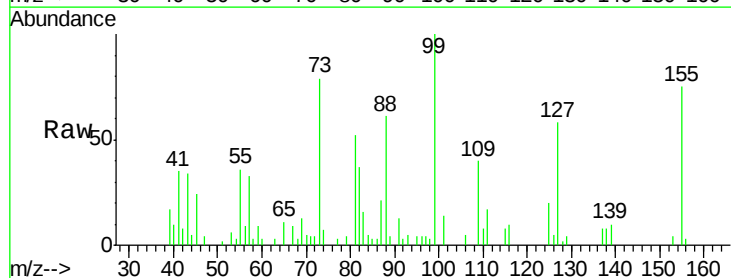
Tgt Ion: 139 Resp: 3332

Ion Ratio Lower Upper

139 100

109 390.5 21.3 31.9#

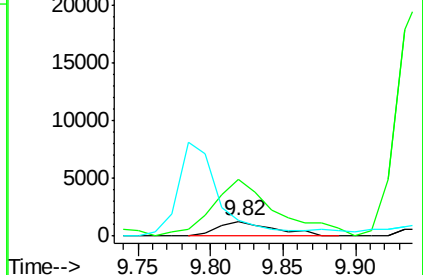
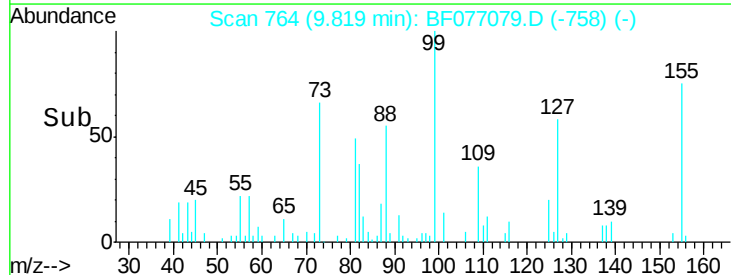
65 109.0 39.4 59.0#

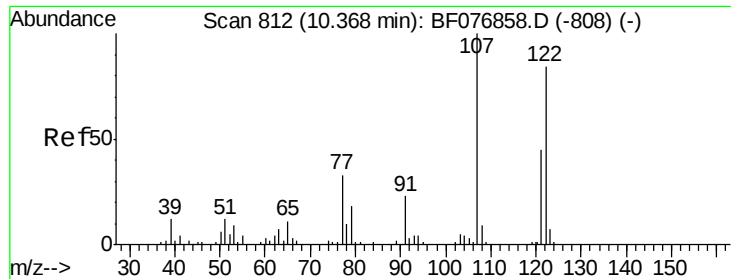


Abundance Ion 139.00 (138.70 to 139.70): BF077079.D (-758) (-)

Ion 109.00 (108.70 to 109.70): BF077079.D (-758) (-)

Ion 65.00 (64.70 to 65.70): BF077079.D (-758) (-)

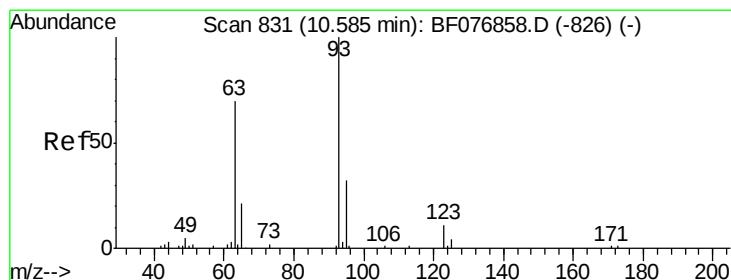
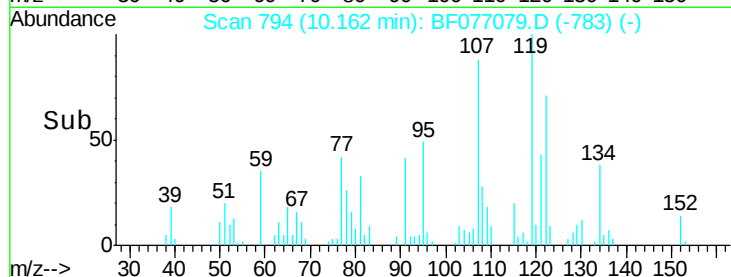
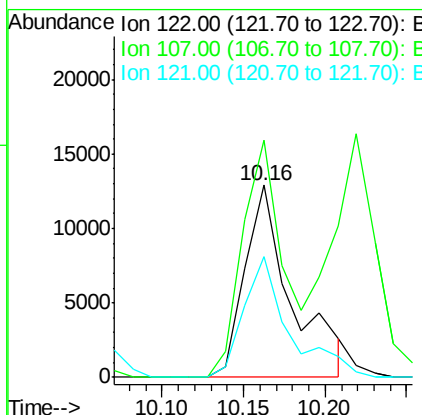
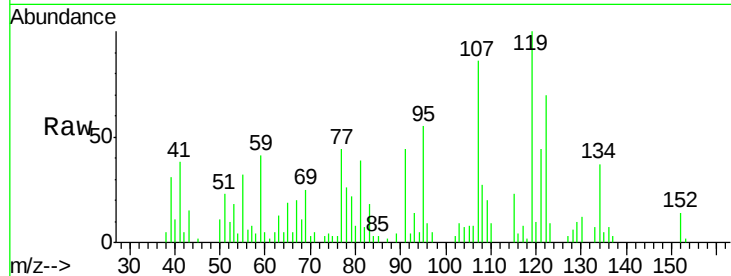




#27
 2,4-Dimethylphenol
 Concen: 9.37 ng
 RT: 10.16 min Scan# 794
 Delta R.T. 0.02 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

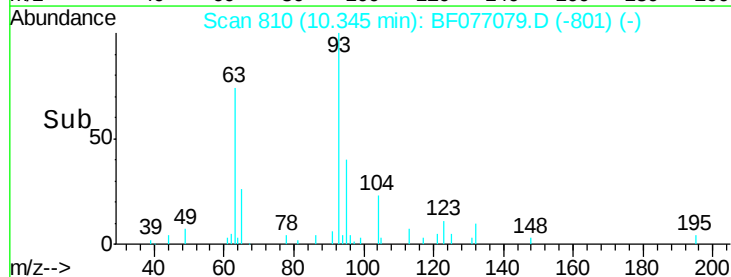
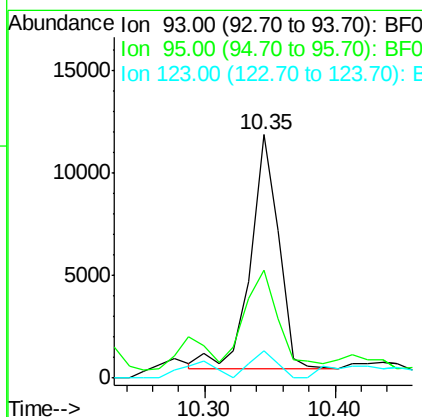
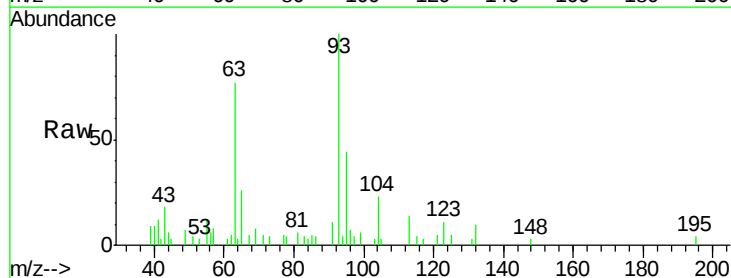
Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

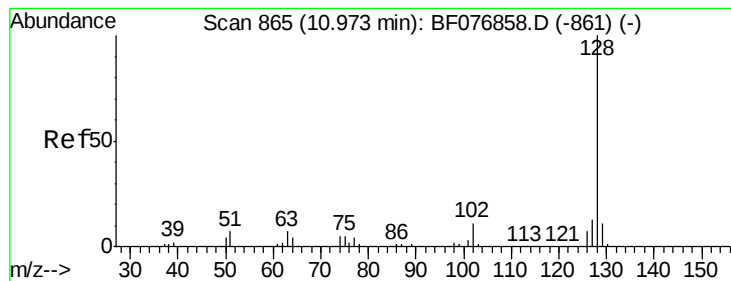
Tgt Ion: 122 Resp: 25522
 Ion Ratio Lower Upper
 122 100
 107 123.5 95.2 142.8
 121 63.0 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.73 ng
 RT: 10.35 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

Tgt Ion: 93 Resp: 16925
 Ion Ratio Lower Upper
 93 100
 95 44.5 25.6 38.4#
 123 11.1 8.9 13.3





#31

Naphthalene

Concen: 48.69 ng

RT: 10.73 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

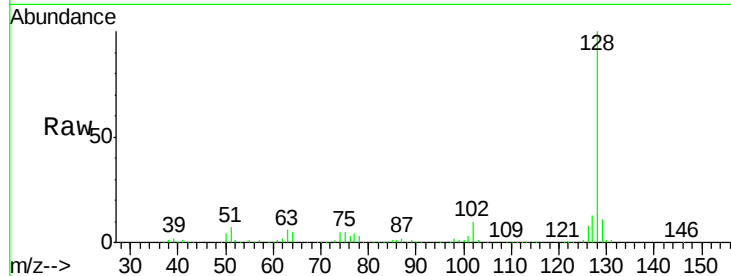
Tgt Ion:128 Resp: 479955

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

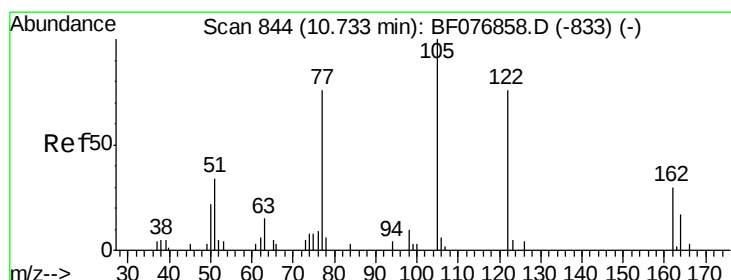
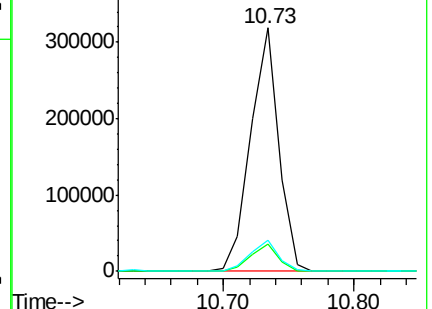
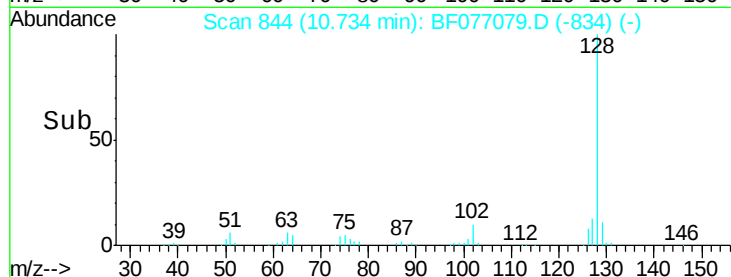
127 13.1 10.2 15.2



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



#32

Benzoic acid

Concen: 77.34 ng

RT: 10.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

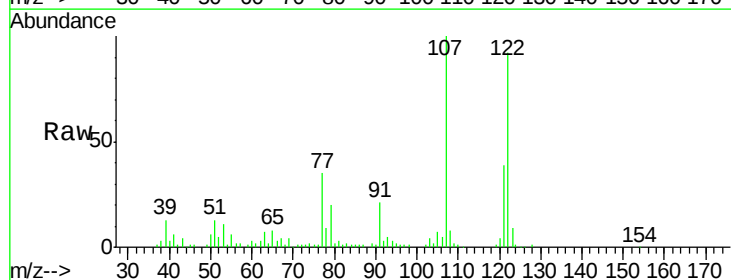
Tgt Ion:122 Resp: 116663

Ion Ratio Lower Upper

122 100

105 7.4 111.3 151.3#

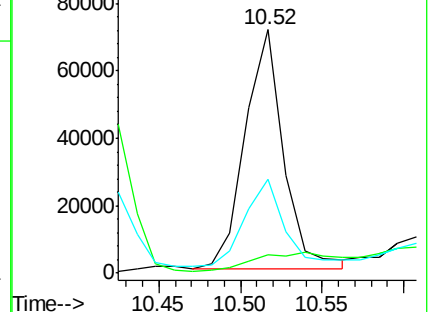
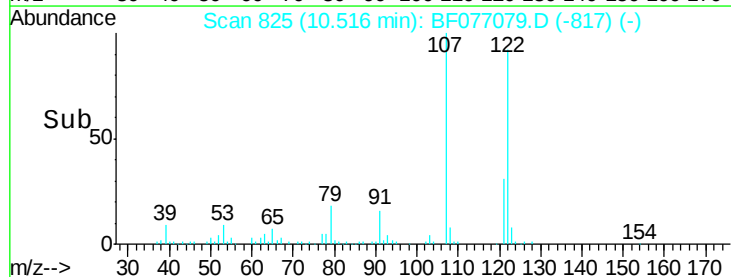
77 38.5 79.2 119.2#

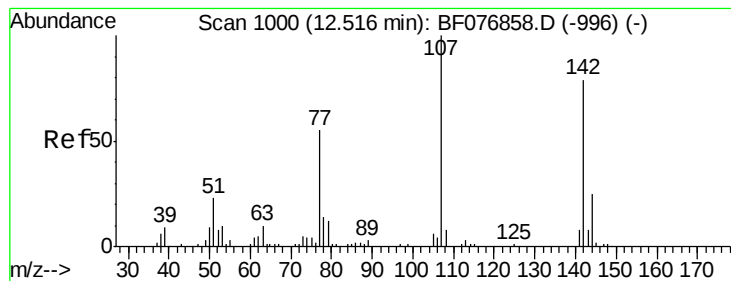


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 58.66 ng

RT: 12.32 min Scan# 983

Delta R.T. 0.05 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampled :

SP-1A

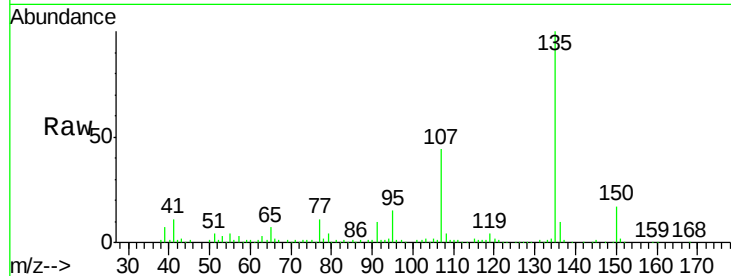
Tgt Ion:107 Resp: 170438

Ion Ratio Lower Upper

107 100

144 0.3 20.0 30.0#

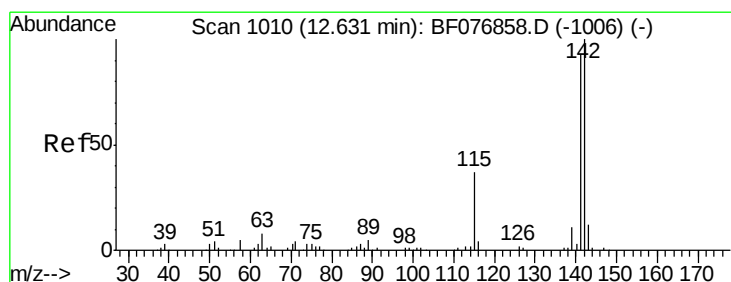
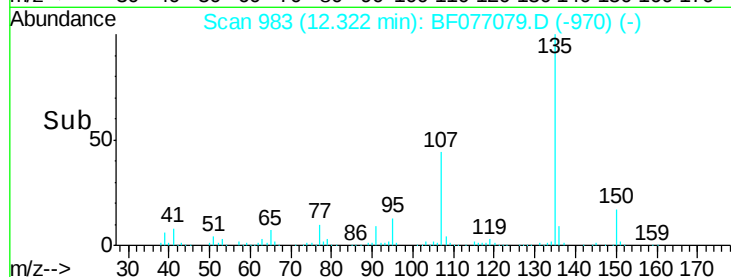
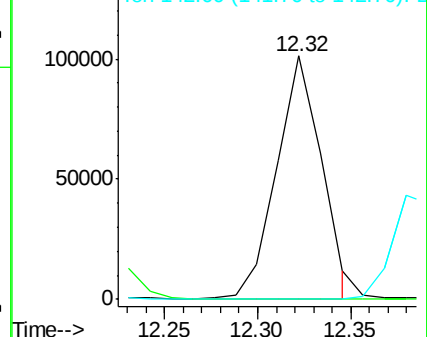
142 0.4 63.5 95.3#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 11.20 ng

RT: 12.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

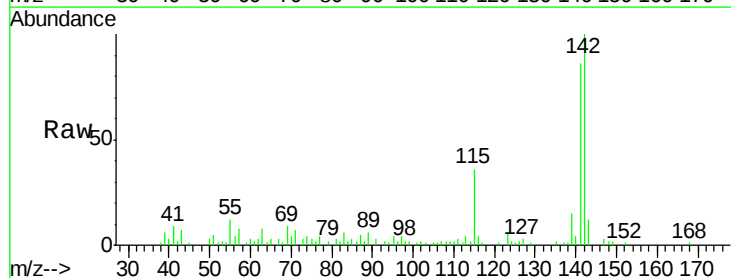
Tgt Ion:142 Resp: 75378

Ion Ratio Lower Upper

142 100

141 86.0 74.5 111.7

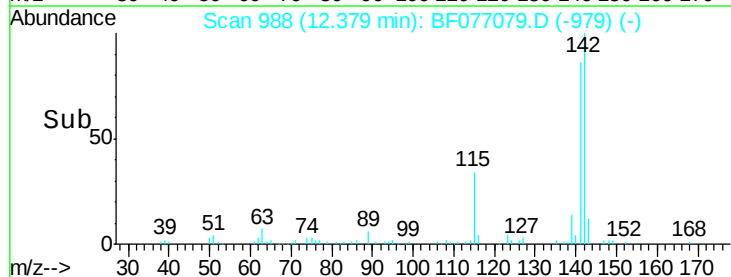
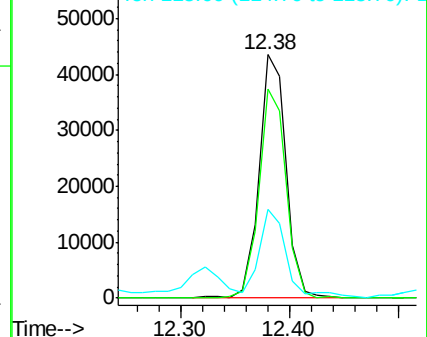
115 36.4 29.7 44.5

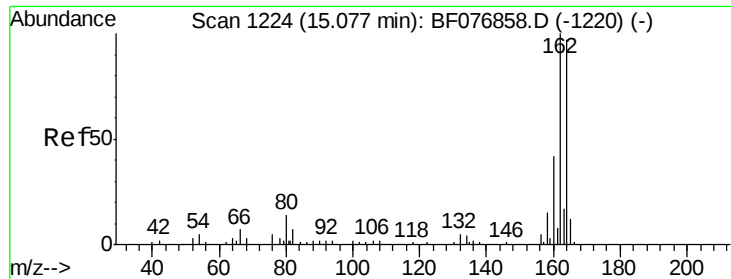


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

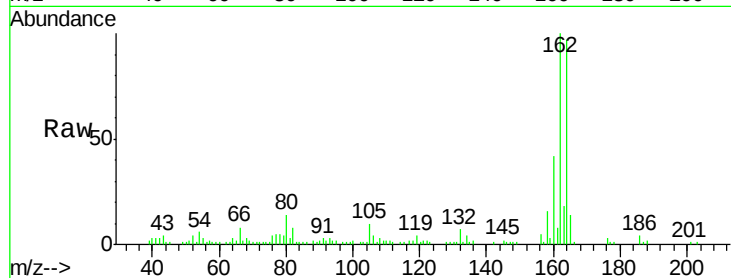




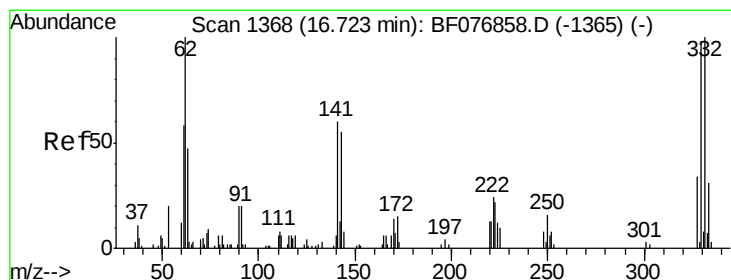
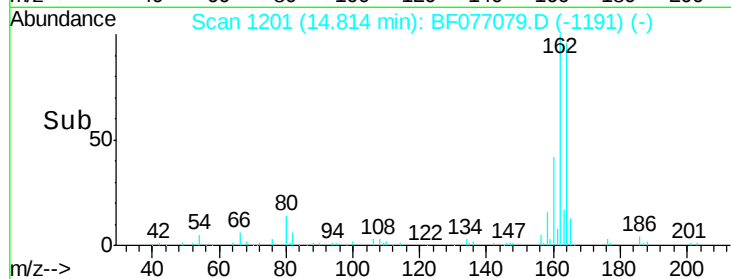
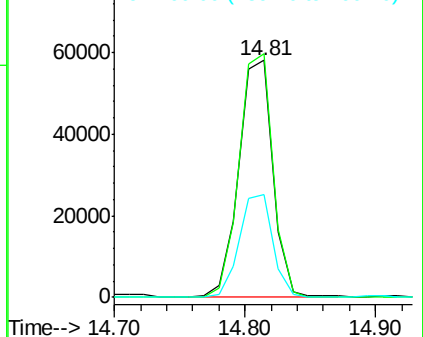
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Tgt Ion:164 Resp: 106141
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 43.5 34.8 52.2

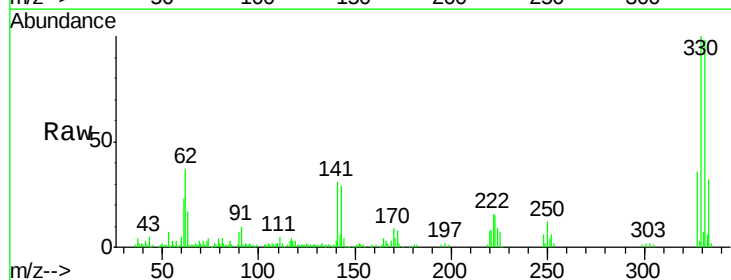


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

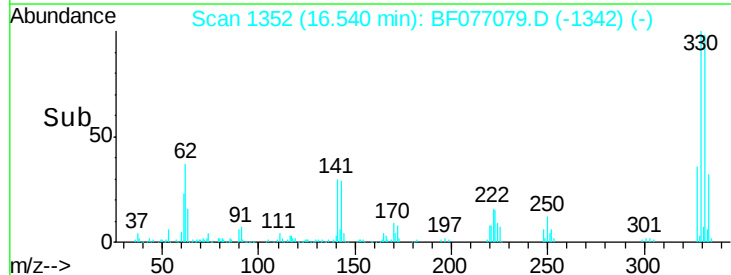
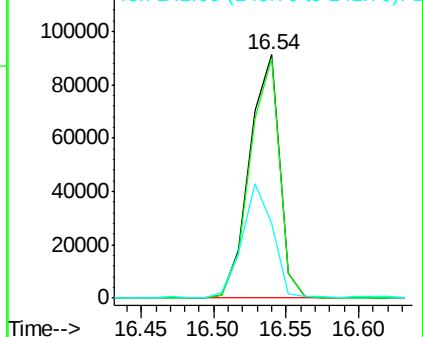


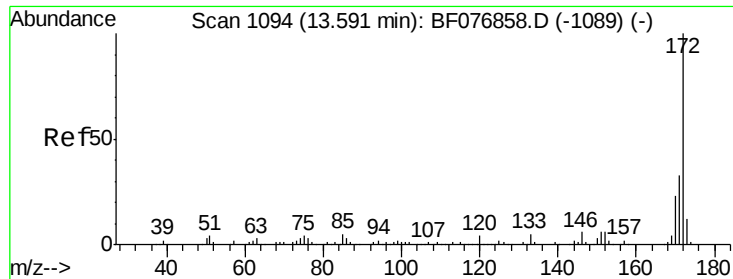
#41
 2,4,6-Tribromophenol
 Concen: 151.89 ng
 RT: 16.54 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

Tgt Ion:330 Resp: 130861
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 48.8 38.5 57.7



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

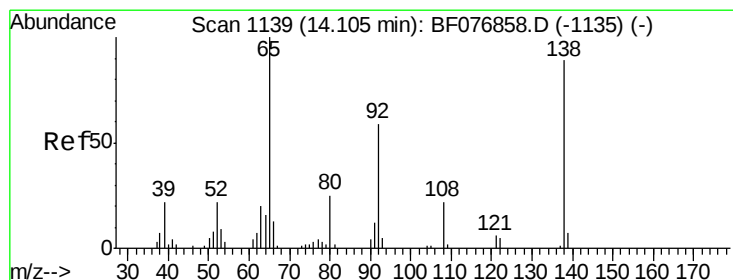
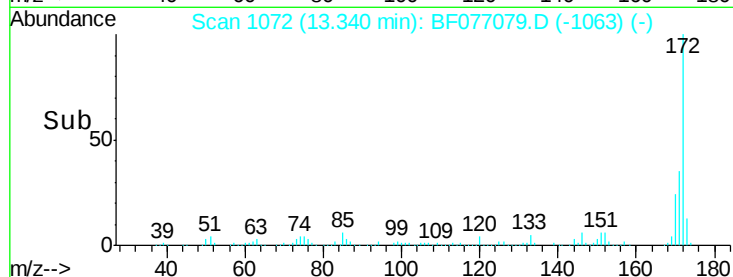
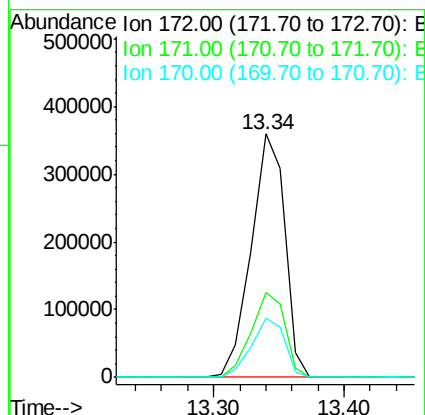
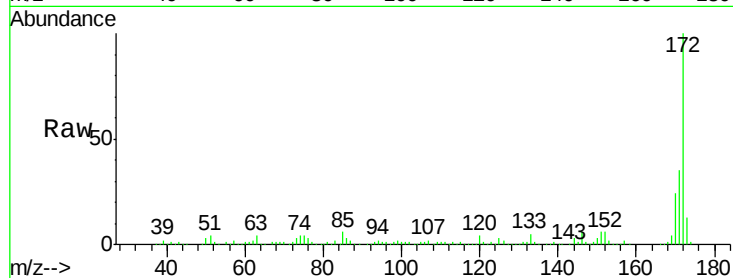




#44
 2-Fluorobiphenyl
 Concen: 92.85 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

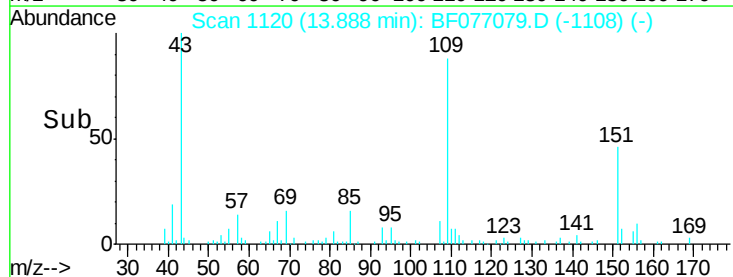
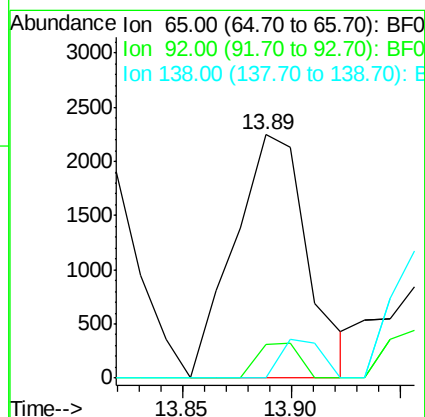
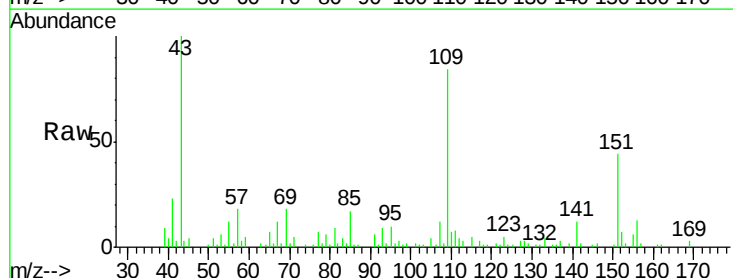
Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

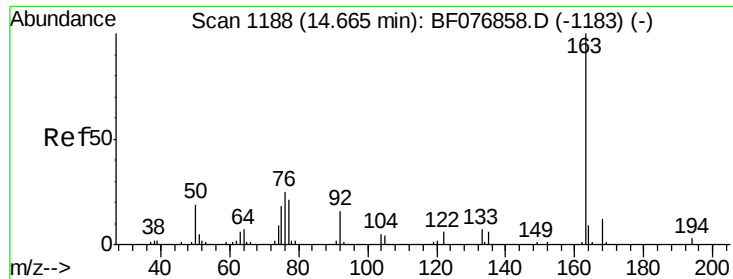
Tgt Ion: 172 Resp: 647569
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.6 40.0
 170 24.2 18.0 27.0



#47
 2-Nitroaniline
 Concen: 2.69 ng
 RT: 13.89 min Scan# 1120
 Delta R.T. 0.03 min
 Lab File: BF077079.D
 Acq: 27 Jan 2015 8:16

Tgt Ion: 65 Resp: 5275
 Ion Ratio Lower Upper
 65 100
 92 13.7 47.3 70.9#
 138 0.0 71.4 107.2#





#49

Dimethylphthalate

Concen: 5.15 ng

RT: 14.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

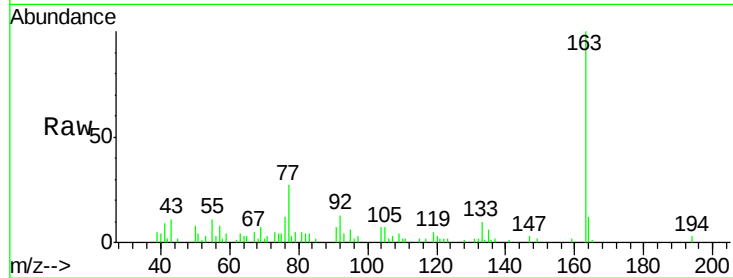
Tgt Ion:163 Resp: 38729

Ion Ratio Lower Upper

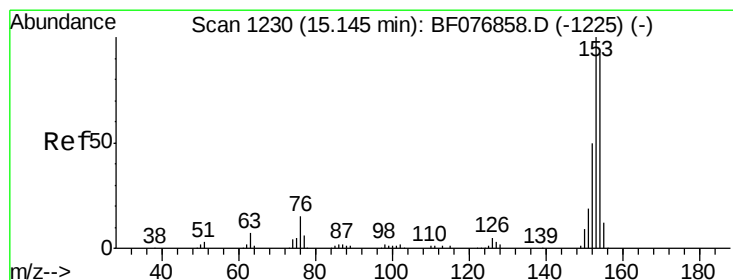
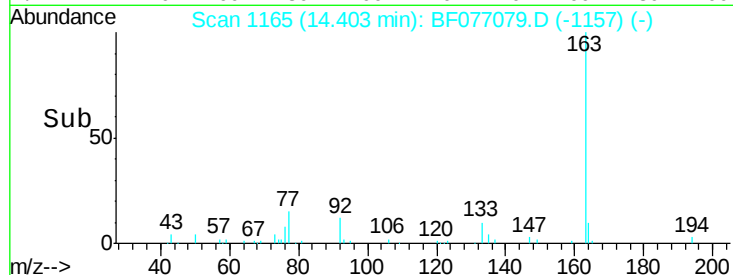
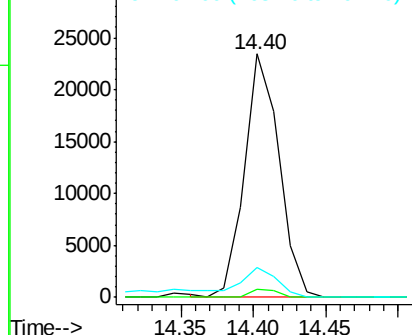
163 100

194 3.2 2.6 4.0

164 12.3 7.5 11.3#



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



#51

Acenaphthene

Concen: 2.62 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

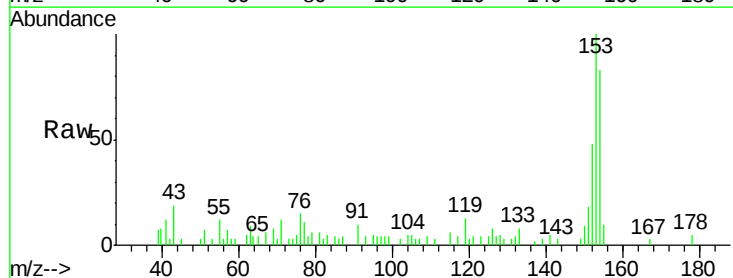
Tgt Ion:154 Resp: 16257

Ion Ratio Lower Upper

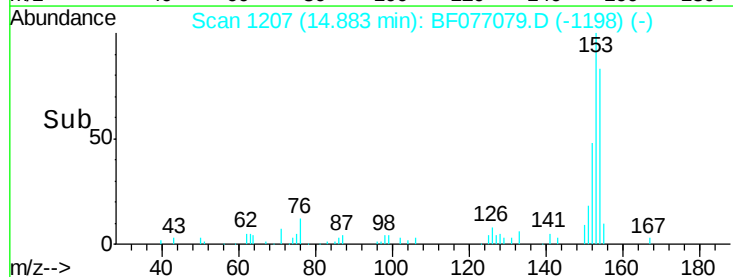
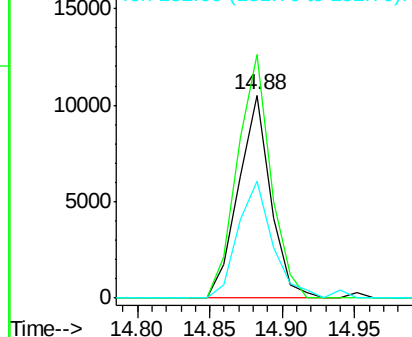
154 100

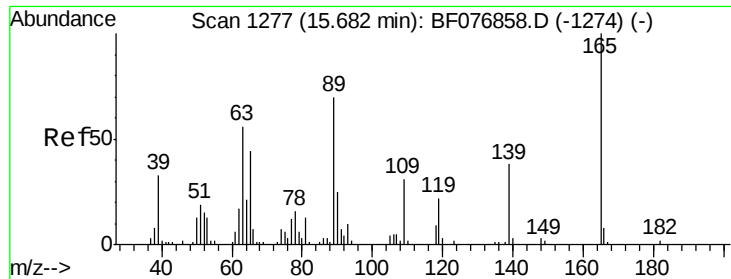
153 119.8 87.0 130.6

152 57.7 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





#55

4-Nitrophenol

Concen: 2.49 ng

RT: 15.45 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampled :

SP-1A

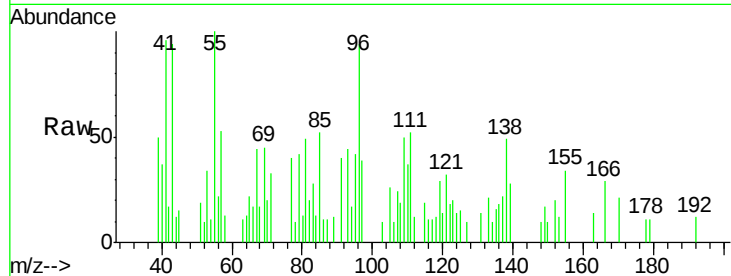
Tgt Ion:139 Resp: 2936

Ion Ratio Lower Upper

139 100

109 178.8 61.0 101.0#

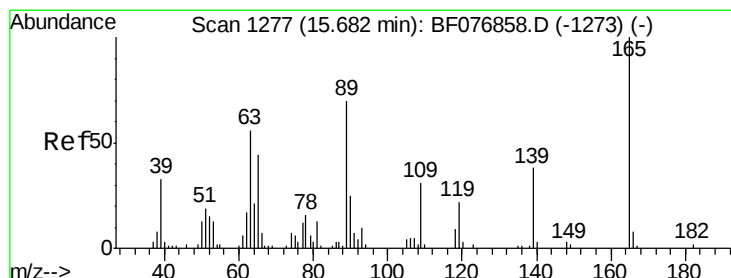
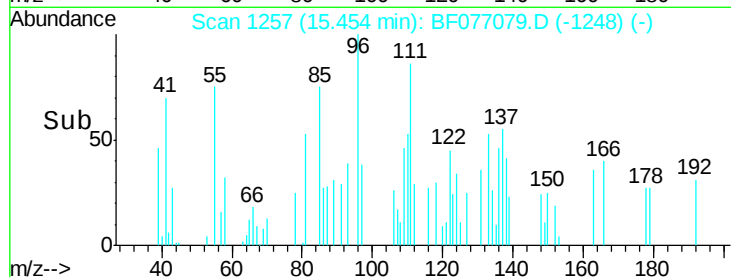
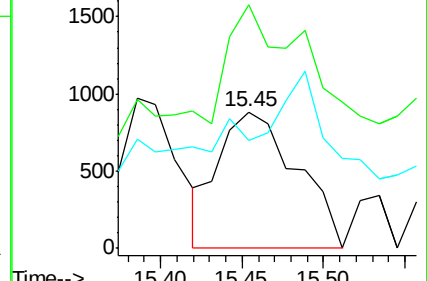
65 79.0 96.6 136.6#



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: 2.23 ng

RT: 15.47 min Scan# 1258

Delta R.T. 0.02 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Tgt Ion:165 Resp: 272

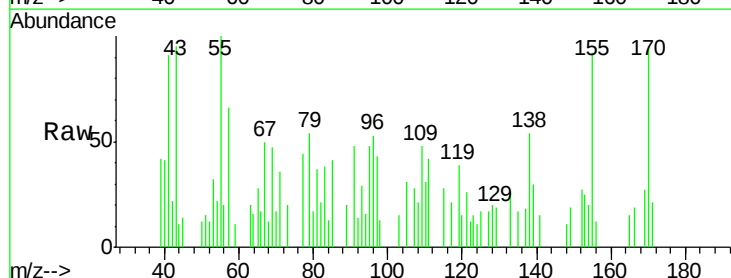
Ion Ratio Lower Upper

165 100

63 136.6 44.8 67.2#

89 133.6 56.2 84.2#

182 0.0 1.5 2.3#

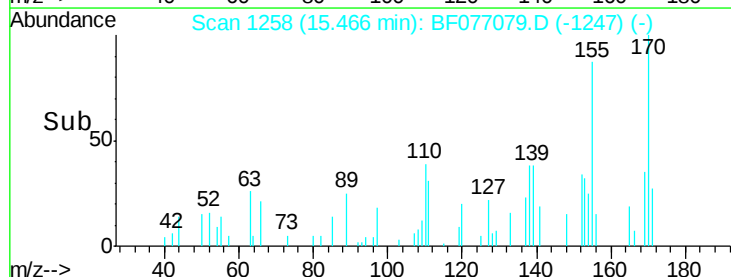
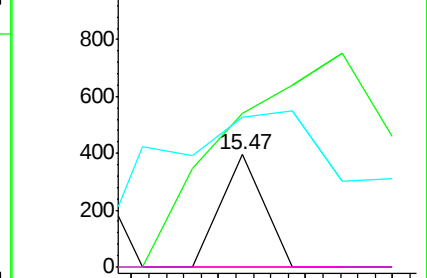


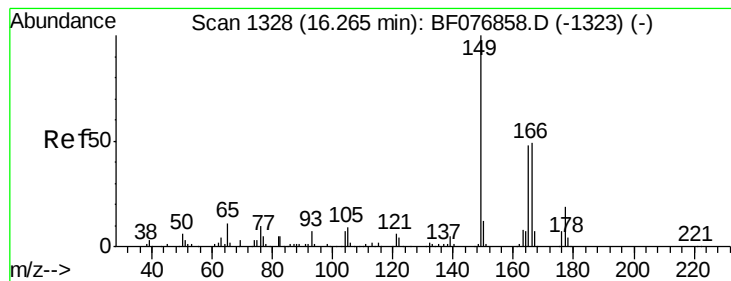
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 4.68 ng

RT: 16.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

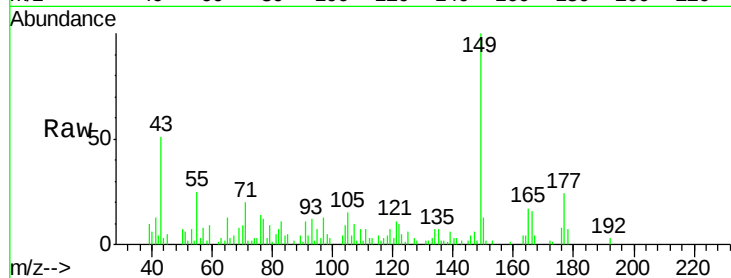
Tgt Ion:149 Resp: 35628

Ion Ratio Lower Upper

149 100

177 23.9 15.0 22.6#

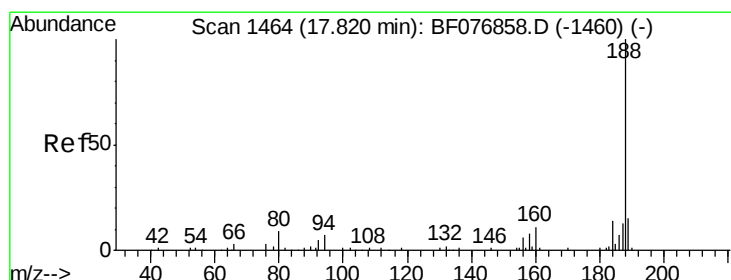
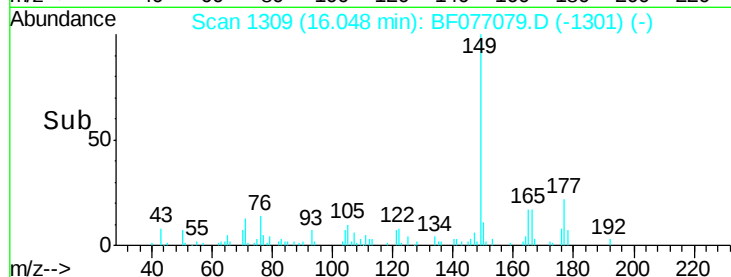
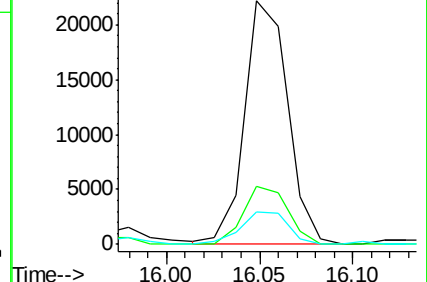
150 13.5 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

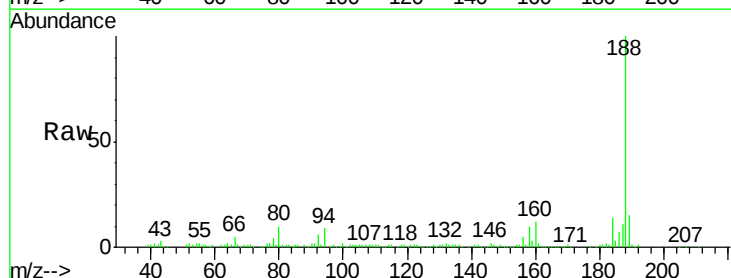
Tgt Ion:188 Resp: 174008

Ion Ratio Lower Upper

188 100

94 8.6 6.0 9.0

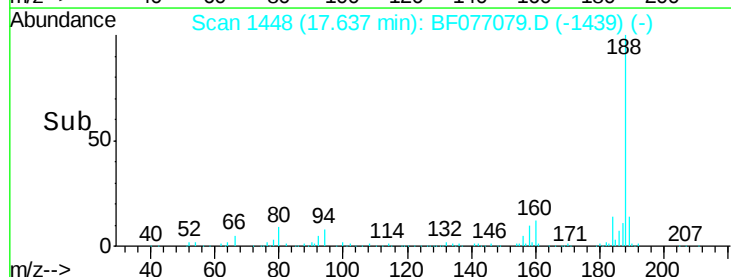
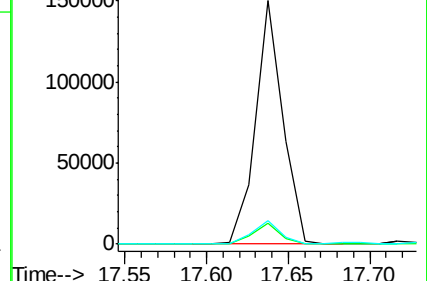
80 9.7 6.9 10.3

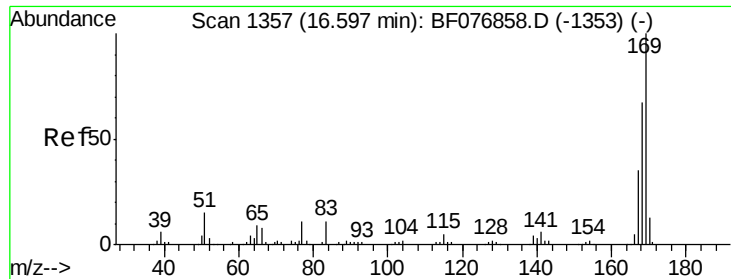


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

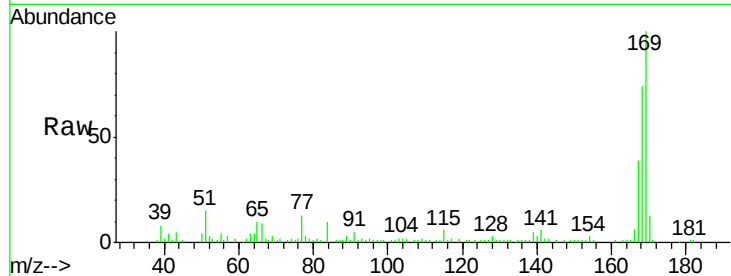




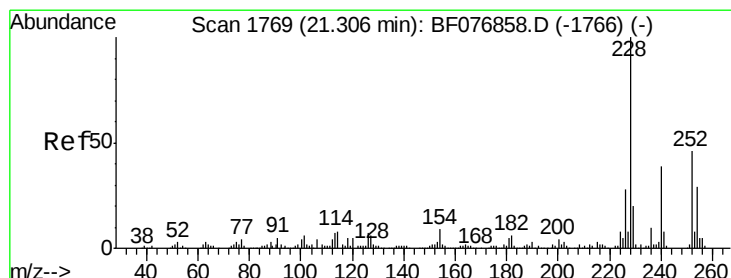
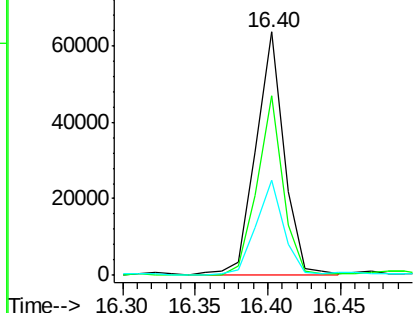
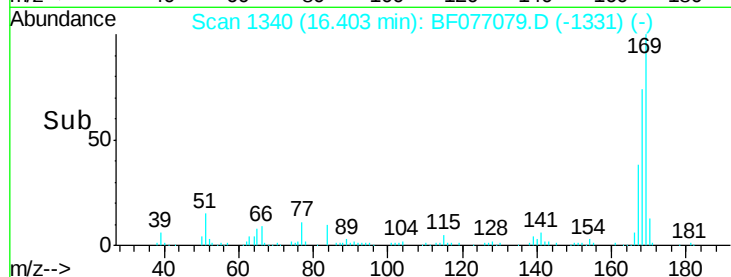
#65
n-Nitrosodiphenylamine
Concen: 13.91 ng
RT: 16.40 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF077079.D
Acq: 27 Jan 2015 8:16

Instrument :
BNA_F
ClientSampleId :
SP-1A

Tgt Ion:169 Resp: 86296
Ion Ratio Lower Upper
169 100
168 73.8 53.8 80.6
167 38.9 27.8 41.6

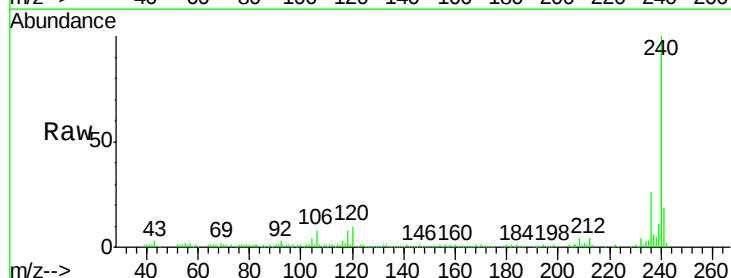


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

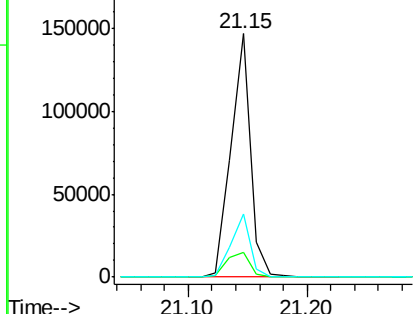
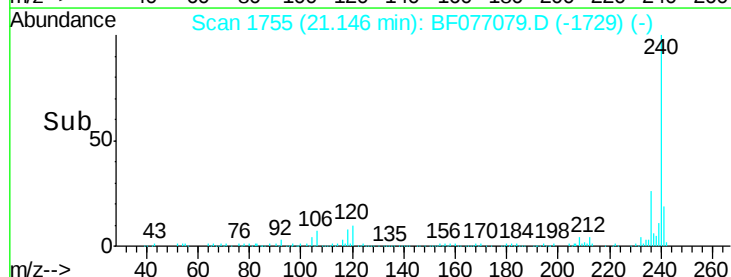


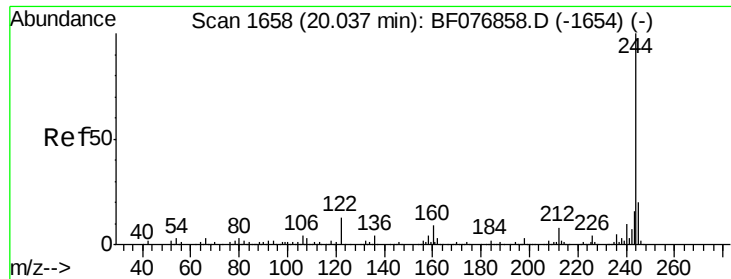
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077079.D
Acq: 27 Jan 2015 8:16

Tgt Ion:240 Resp: 168032
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 25.8 20.2 30.2



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: 83.33 ng

RT: 19.89 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

Instrument :

BNA_F

ClientSampleId :

SP-1A

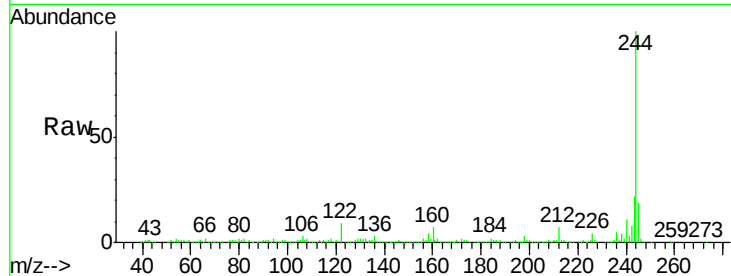
Tgt Ion:244 Resp: 608248

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

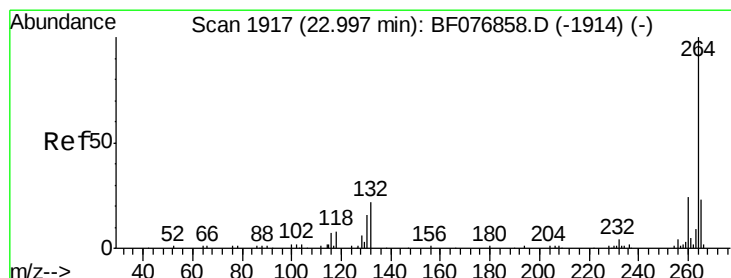
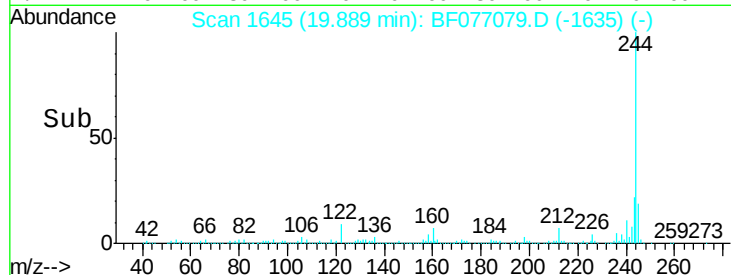
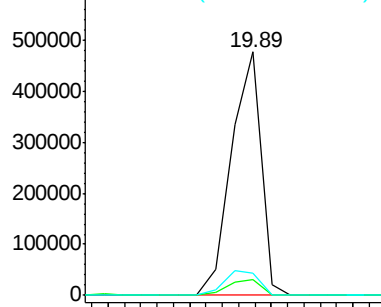
122 9.0 10.1 15.1#



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: 22.79 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF077079.D

Acq: 27 Jan 2015 8:16

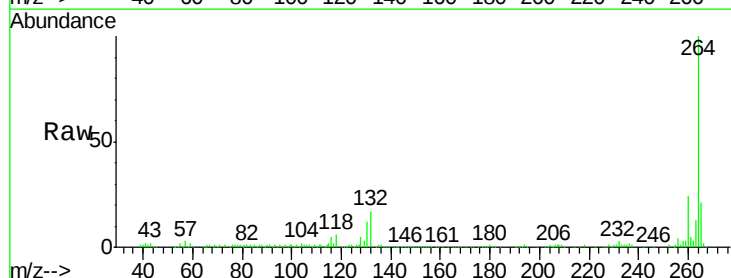
Tgt Ion:264 Resp: 151505

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 20.5 18.1 27.1



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

