

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076822.D
 Acq On : 13 Jan 2015 00:43
 Operator : IZ / TP
 Sample : G1062-02
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-012

Quant Time: Jan 13 02:54:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34859	20.00	ng	0.01
21) Naphthalene-d8	11.00	136	137151	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	72129	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	118001	20.00	ng	0.00
75) Chrysene-d12	21.35	240	120260	20.00	ng	0.00
86) Perylene-d12	23.02	264	112795	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	150673	72.13	ng	-0.01
7) Phenol-d6	7.49	99	211912	80.58	ng	-0.01
23) Nitrobenzene-d5	9.38	82	147455	59.75	ng	0.00
41) 2,4,6-Tribromophenol	16.77	330	28089	46.66	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	276652	56.45	ng	0.00
78) Terphenyl-d14	20.08	244	272704	49.79	ng	0.01

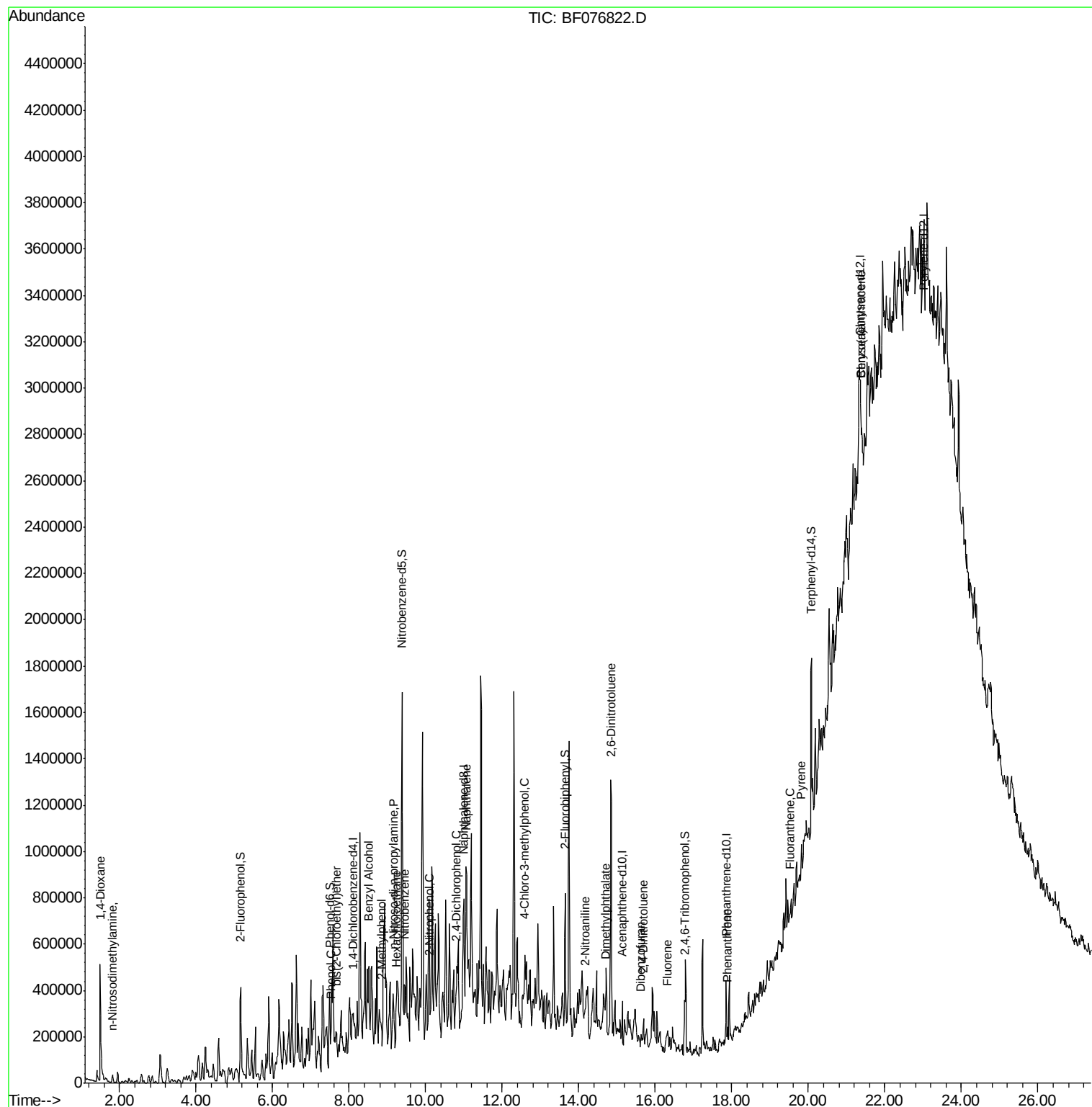
Target Compounds						Qvalue
2) 1,4-Dioxane	1.49	88	21480	24.11	ng	# 14
4) n-Nitrosodimethylamine	1.82	42	2862	2.40	ng	# 7
10) Phenol	7.51	94	7472	2.61	ng	# 36
11) bis(2-Chloroethyl)ether	7.66	93	8496	3.70	ng	# 1
15) Benzyl Alcohol	8.52	79	5752	2.63	ng	# 55
17) 2-Methylphenol	8.84	107	4032	2.04	ng	# 1
18) Hexachloroethane	9.22	117	4018	3.86	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	13009	6.96	ng	# 77
24) Nitrobenzene	9.44	77	8459	3.39	ng	# 66
26) 2-Nitrophenol	10.10	139	3218	2.70	ng	# 1
29) 2,4-Dichlorophenol	10.80	162	3723	2.02	ng	# 56
31) Naphthalene	11.06	128	32571	4.63	ng	# 1
36) 4-Chloro-3-methylphenol	12.59	107	5561	2.72	ng	# 38
47) 2-Nitroaniline	14.16	65	3144	2.37	ng	# 1
49) Dimethylphthalate	14.70	163	24253	4.63	ng	# 97
50) 2,6-Dinitrotoluene	14.85	165	2436	2.19	ng	# 78
54) Dibenzofuran	15.63	168	15423	2.47	ng	# 98
56) 2,4-Dinitrotoluene	15.69	165	3302	2.33	ng	# 56
57) Fluorene	16.32	166	18587	3.57	ng	# 95
70) Phenanthrene	17.89	178	32242	4.38	ng	# 90
74) Fluoranthene	19.52	202	17959	2.38	ng	# 72
77) Pyrene	19.81	202	31215	3.61	ng	# 82
80) Benzo(a)anthracene	21.37	228	29921	3.91	ng	# 41
82) Chrysene	21.37	228	29864	4.31	ng	# 45

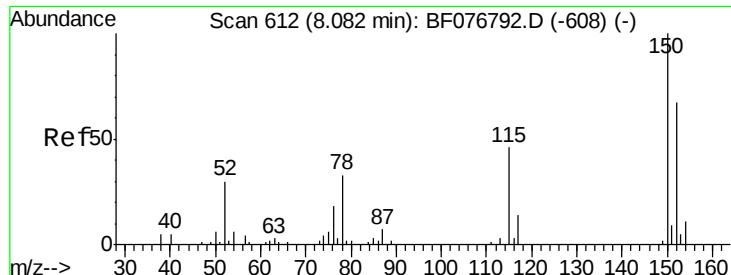
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

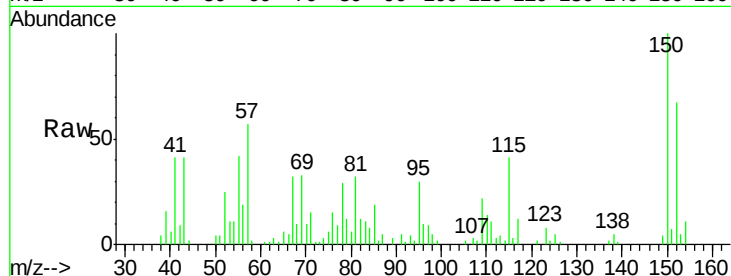
Tgt Ion:152 Resp: 34859

Ion Ratio Lower Upper

152 100

150 149.6 119.5 179.3

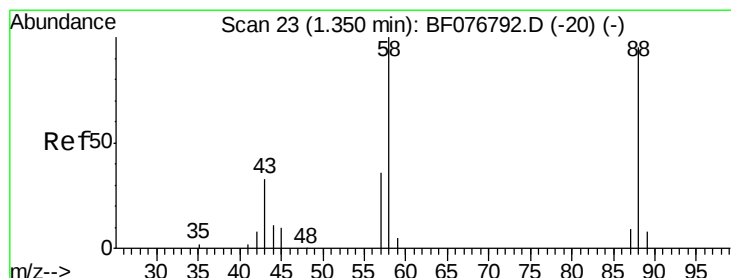
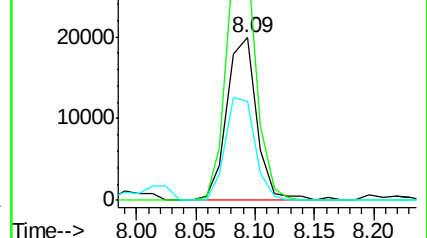
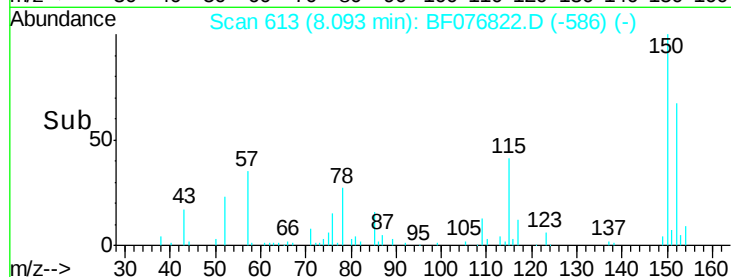
115 61.0 54.6 81.8



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: 24.11 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

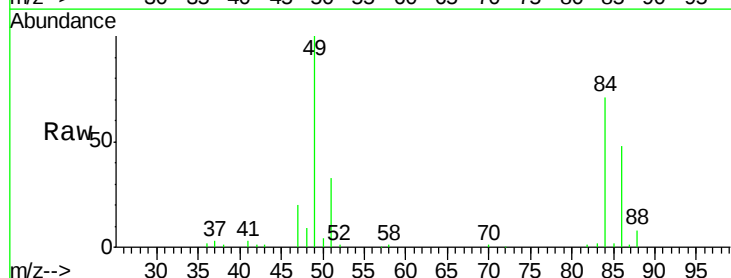
Tgt Ion: 88 Resp: 21480

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

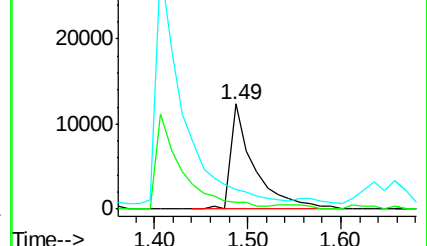
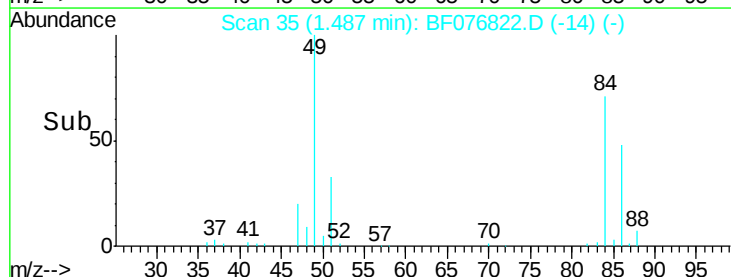
43 0.0 24.0 36.0#

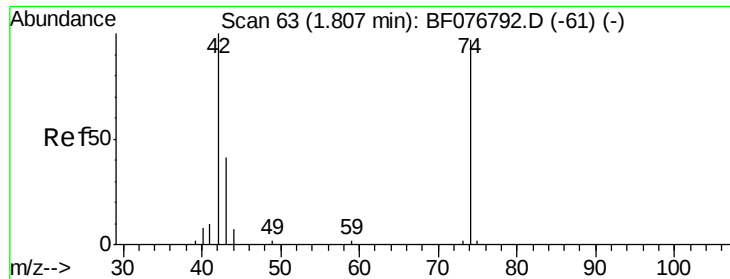


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 2.40 ng

RT: 1.82 min Scan# 64

Delta R.T. 0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

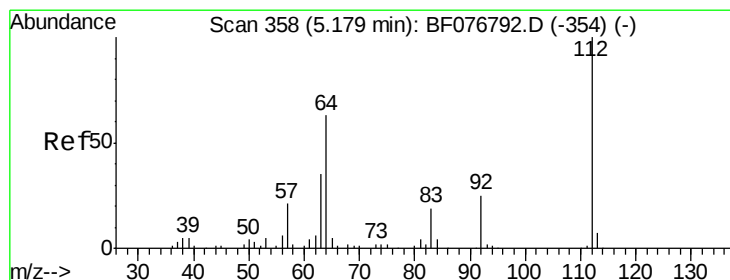
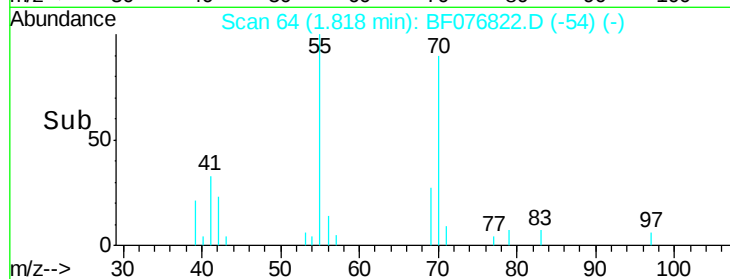
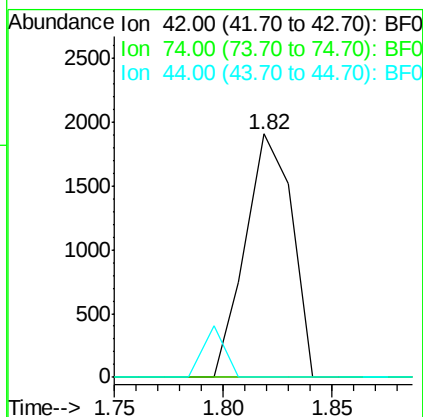
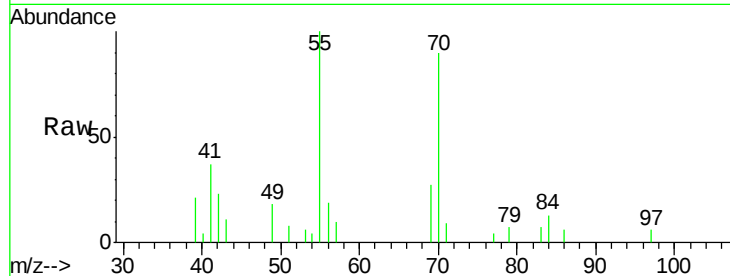
Tgt Ion: 42 Resp: 2862

Ion Ratio Lower Upper

42 100

74 0.0 77.9 116.9#

44 0.0 5.8 8.6#



#5

2-Fluorophenol

Concen: 72.13 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

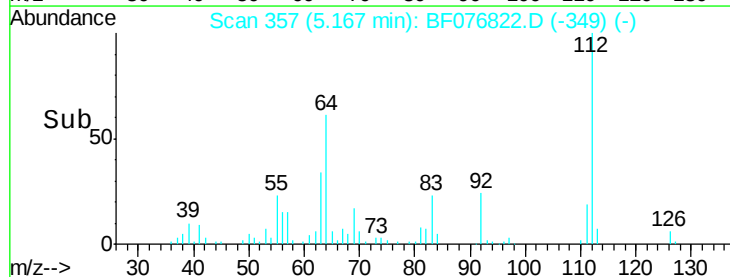
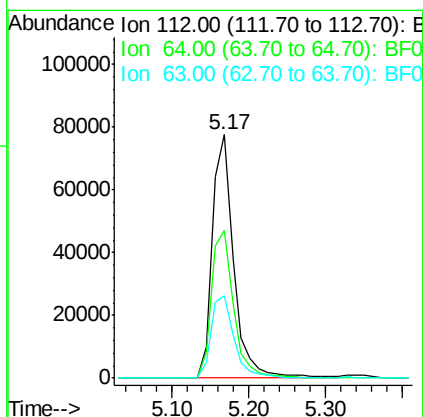
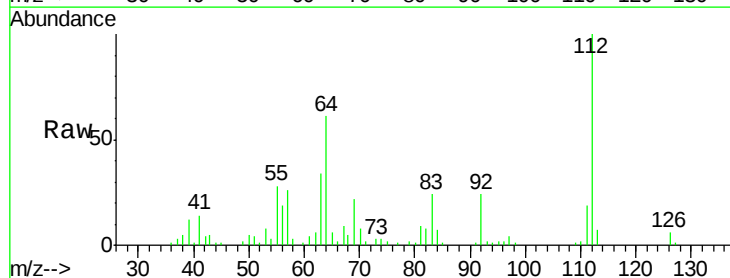
Tgt Ion: 112 Resp: 150673

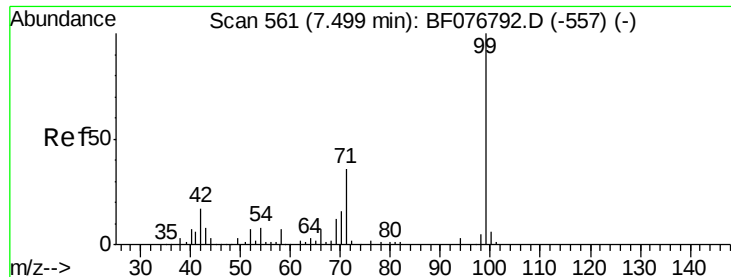
Ion Ratio Lower Upper

112 100

64 60.5 50.2 75.4

63 34.1 27.8 41.6





#7

Phenol-d6

Concen: 80.58 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

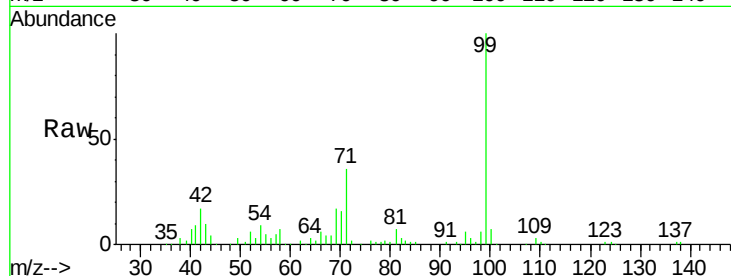
Tgt Ion: 99 Resp: 211912

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

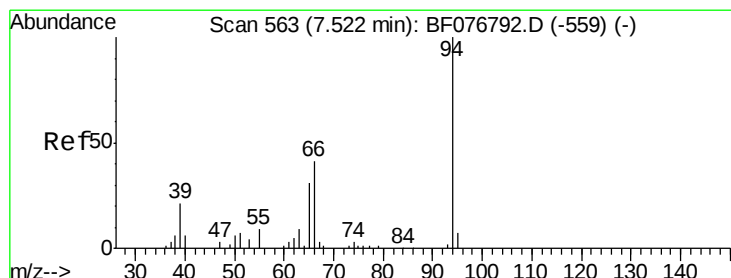
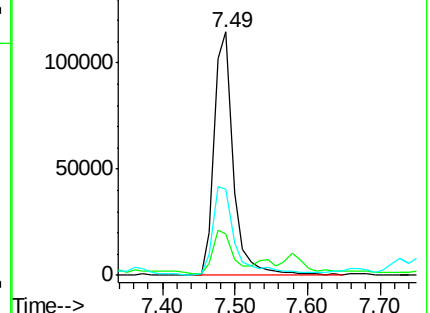
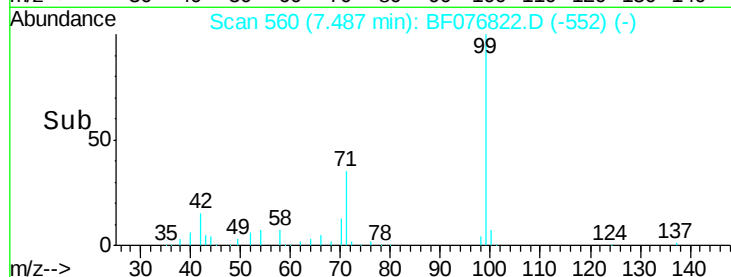
71 35.6 29.2 43.8



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



#10

Phenol

Concen: 2.61 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

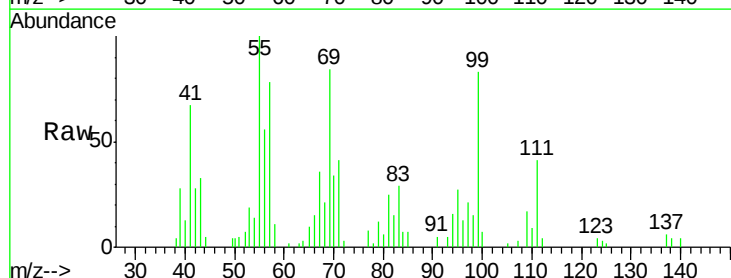
Tgt Ion: 94 Resp: 7472

Ion Ratio Lower Upper

94 100

65 58.8 11.6 51.6#

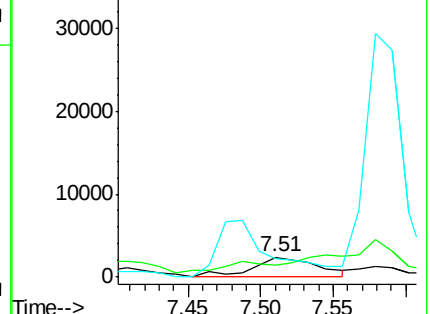
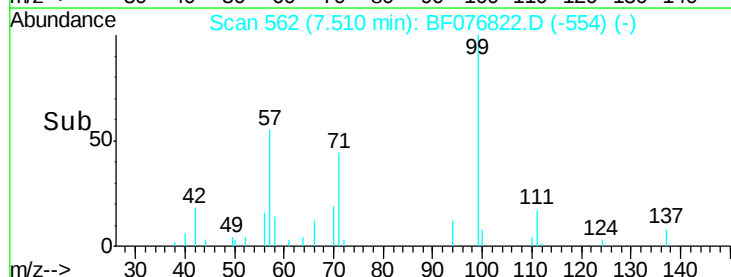
66 90.1 22.3 62.3#

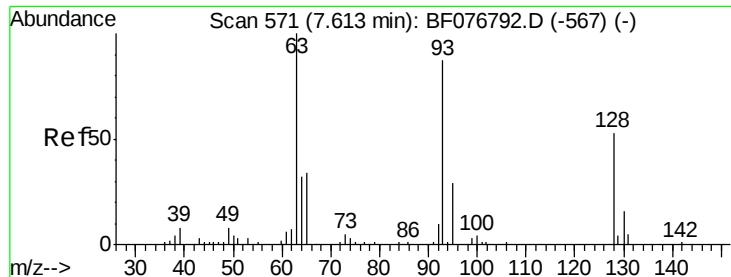


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 3.70 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.05 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

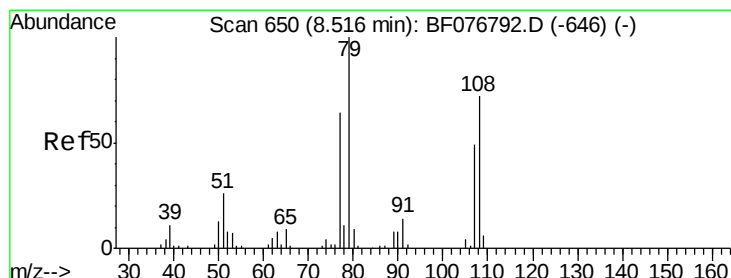
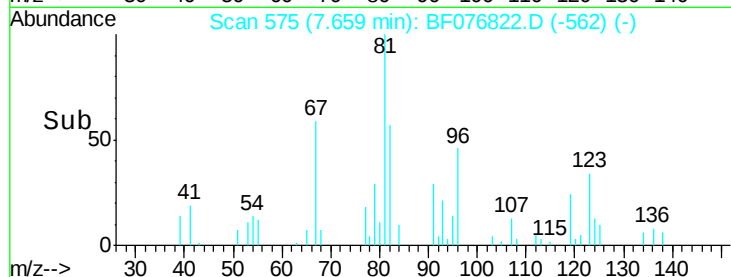
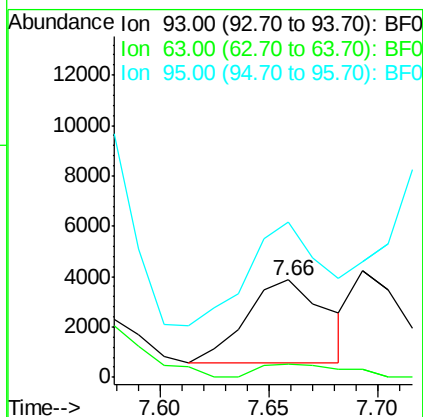
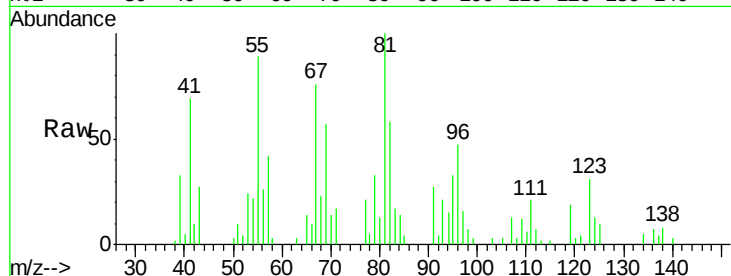
Tgt Ion: 93 Resp: 8496

Ion Ratio Lower Upper

93 100

63 13.7 96.1 136.1#

95 159.9 14.0 54.0#



#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 8.52 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

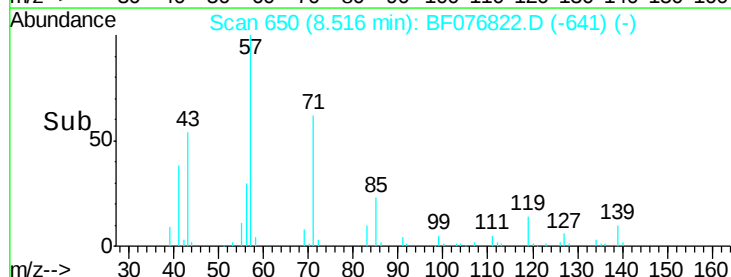
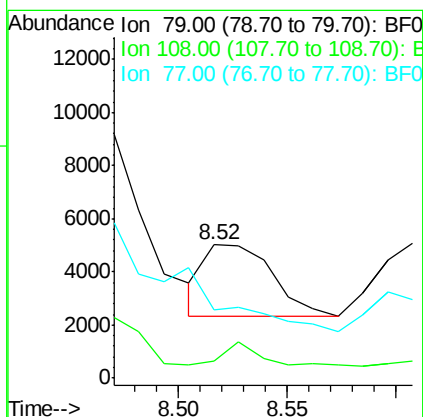
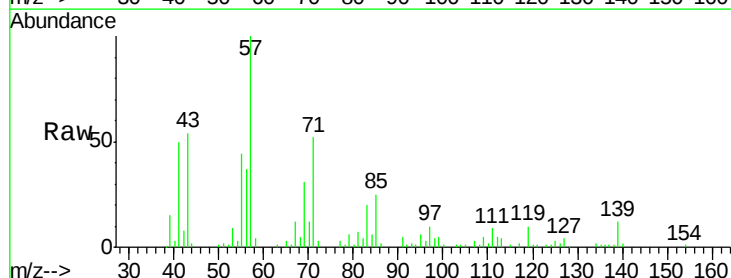
Tgt Ion: 79 Resp: 5752

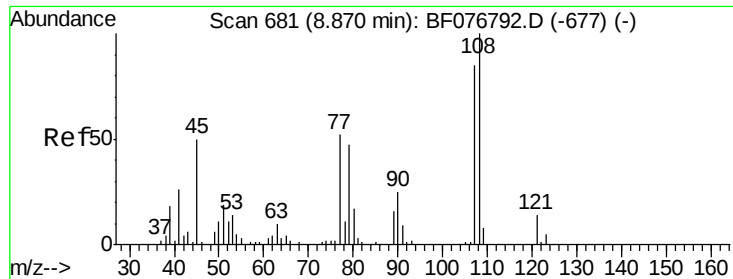
Ion Ratio Lower Upper

79 100

108 12.7 57.4 86.0#

77 50.8 51.2 76.8#

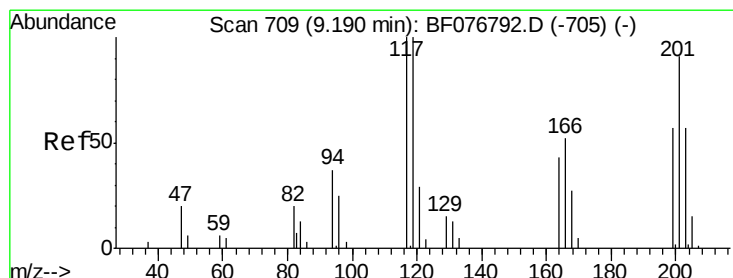
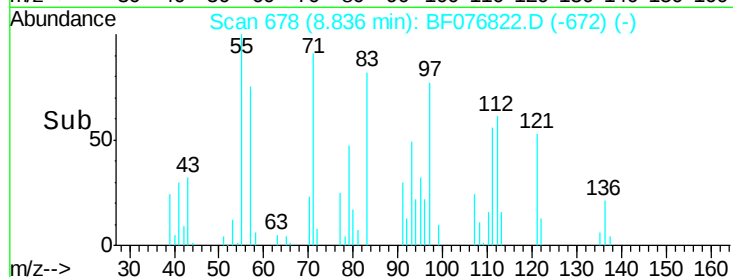
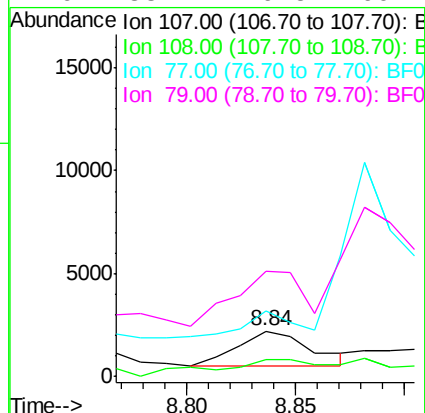
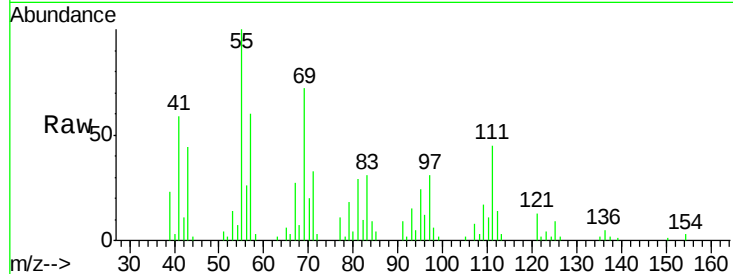




#17
2-Methylphenol
Concen: 2.04 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

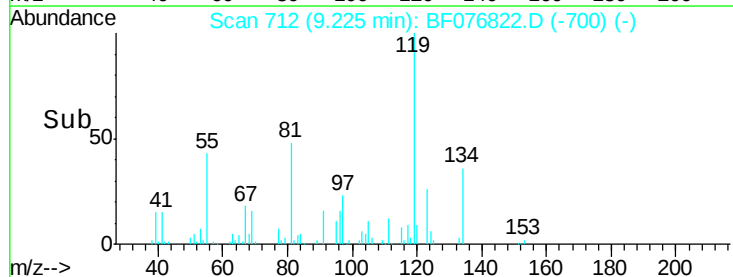
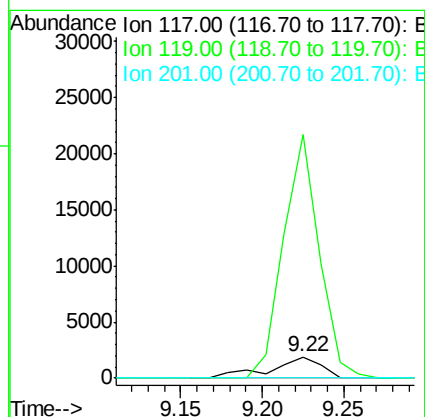
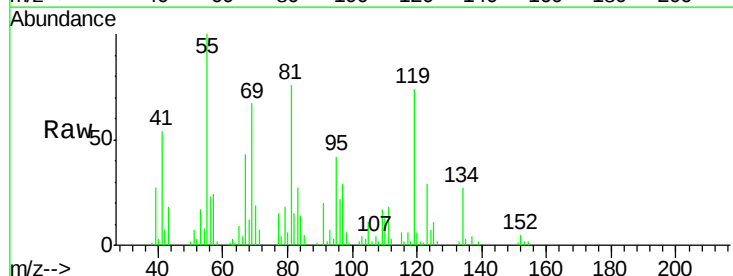
Instrument :
BNA_F
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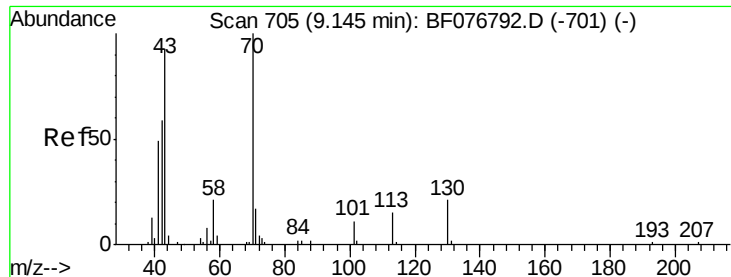
Tgt Ion:107 Resp: 4032
Ion Ratio Lower Upper
107 100
108 38.2 93.8 140.8#
77 144.5 51.3 76.9#
79 233.7 46.5 69.7#



#18
Hexachloroethane
Concen: 3.86 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.03 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

Tgt Ion:117 Resp: 4018
Ion Ratio Lower Upper
117 100
119 1149.6 80.0 120.0#
201 0.0 73.0 109.4#

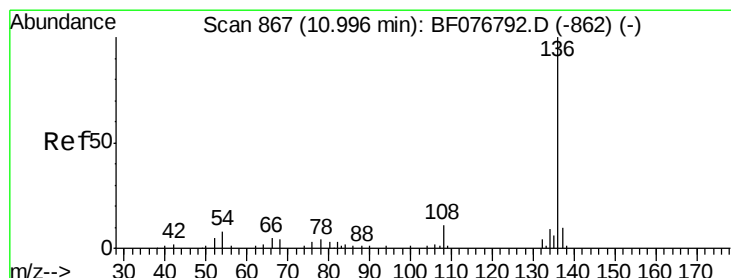
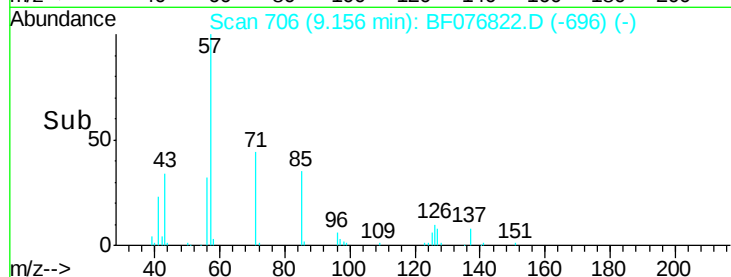
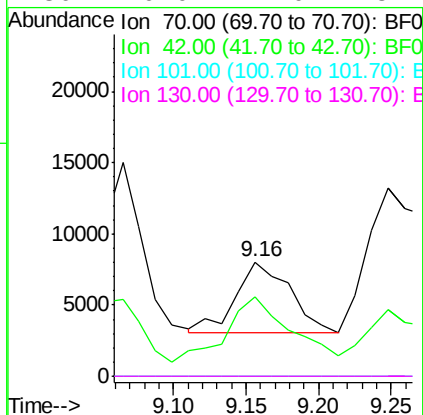
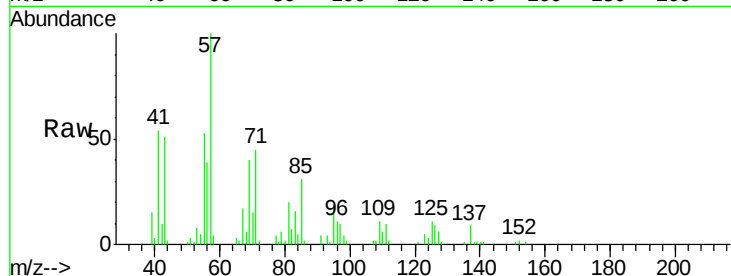




#19
n-Nitroso-di-n-propylamine
Concen: 6.96 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

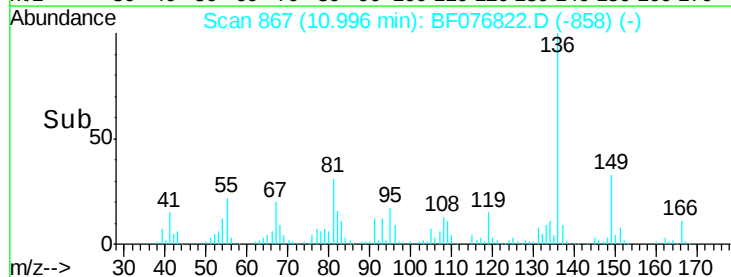
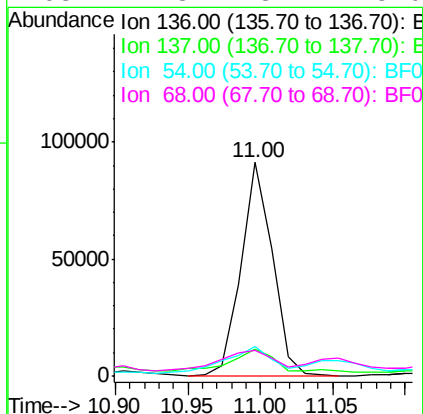
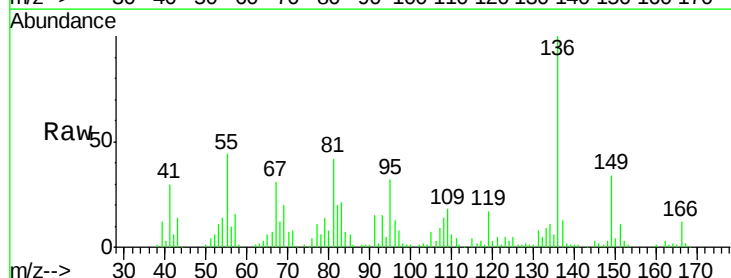
Instrument :
BNA_F
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SW-012

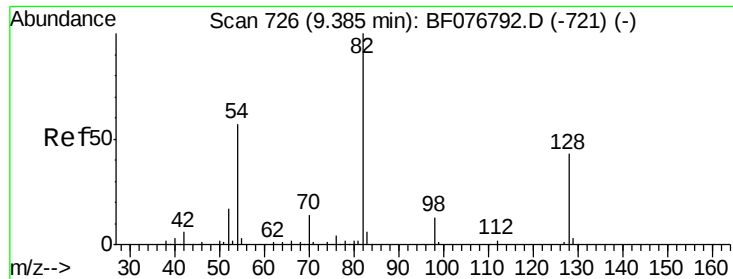
Tgt Ion: 70 Resp: 13009
Ion Ratio Lower Upper
70 100
42 69.6 47.1 70.7
101 0.0 8.5 12.7#
130 0.0 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

Tgt Ion: 136 Resp: 137151
Ion Ratio Lower Upper
136 100
137 12.6 8.1 12.1#
54 13.7 6.3 9.5#
68 12.3 3.4 5.0#

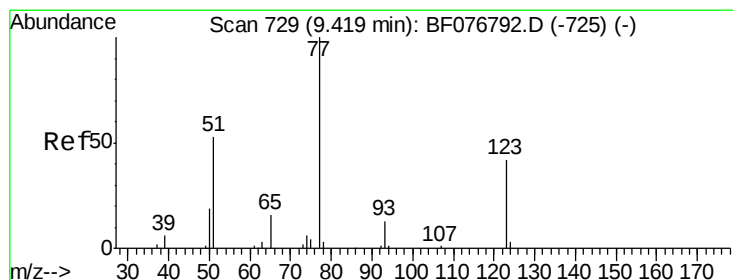
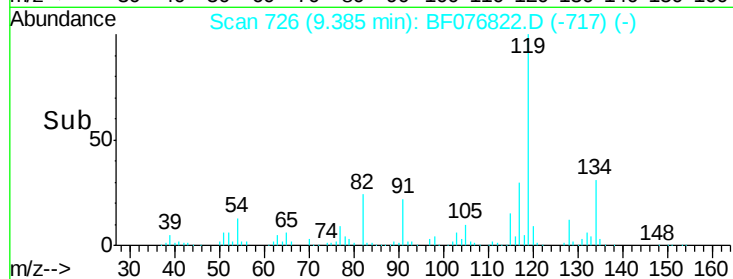
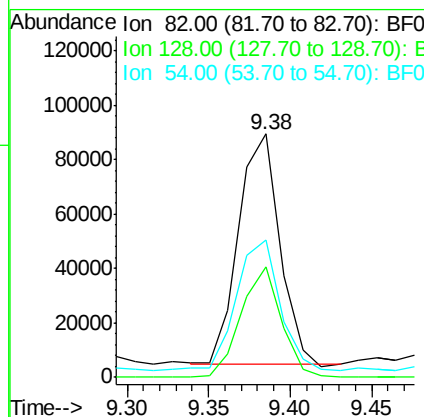
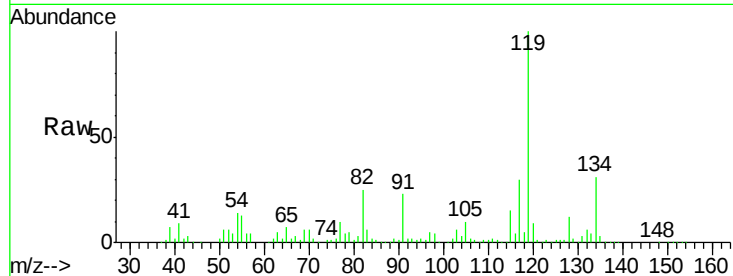




#23
 Nitrobenzene-d5
 Concen: 59.75 ng
 RT: 9.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

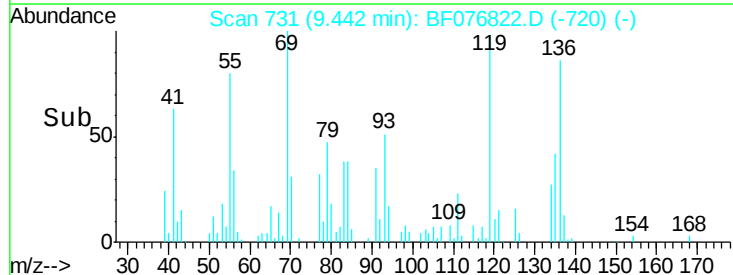
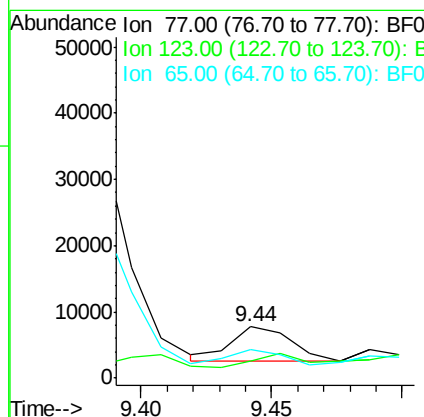
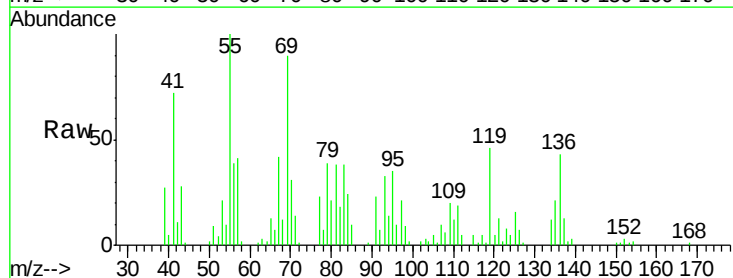
Instrument :
 BNA_F
 ClientSampleId :
 SW-012

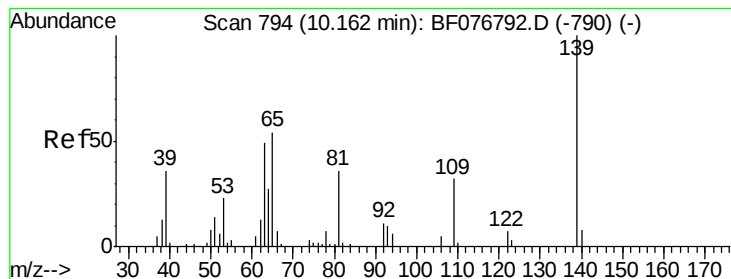
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	56.3	45.6	68.4



#24
 Nitrobenzene
 Concen: 3.39 ng
 RT: 9.44 min Scan# 731
 Delta R.T. 0.02 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	33.3	49.9
65	55.0	13.1	19.7#





#26

2-Nitrophenol

Concen: 2.70 ng

RT: 10.10 min Scan# 789

Delta R.T. -0.06 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

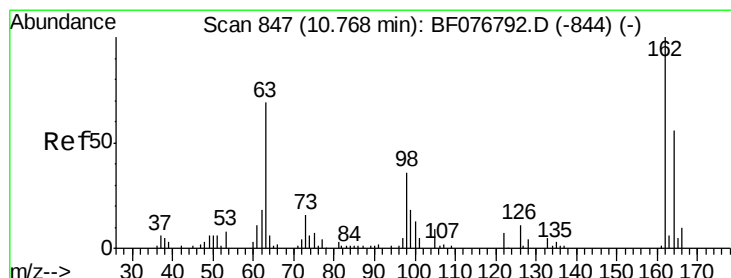
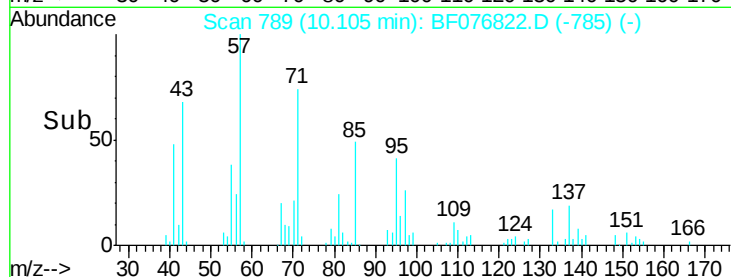
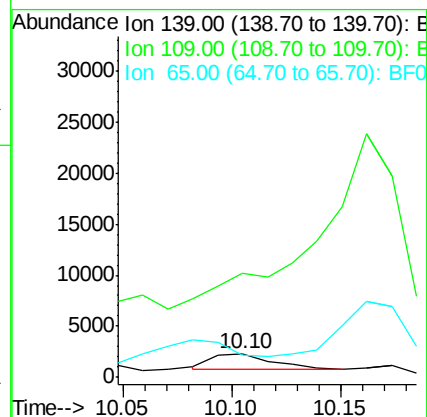
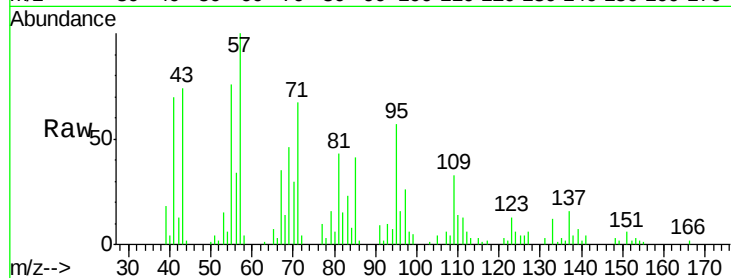
Tgt Ion:139 Resp: 3218

Ion Ratio Lower Upper

139 100

109 443.7 25.4 38.0#

65 96.1 43.0 64.4#



#29

2,4-Dichlorophenol

Concen: 2.02 ng

RT: 10.80 min Scan# 850

Delta R.T. 0.03 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

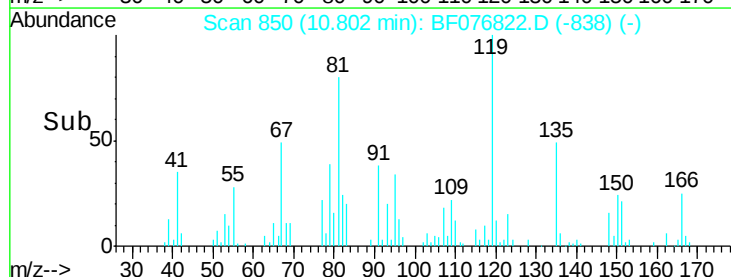
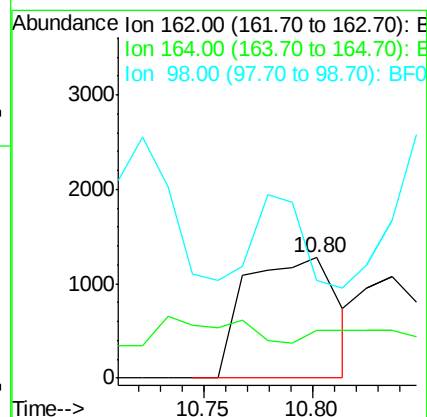
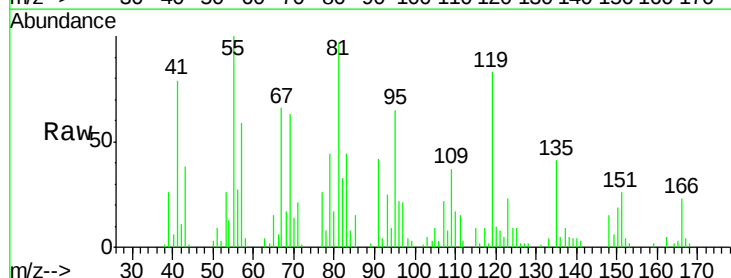
Tgt Ion:162 Resp: 3723

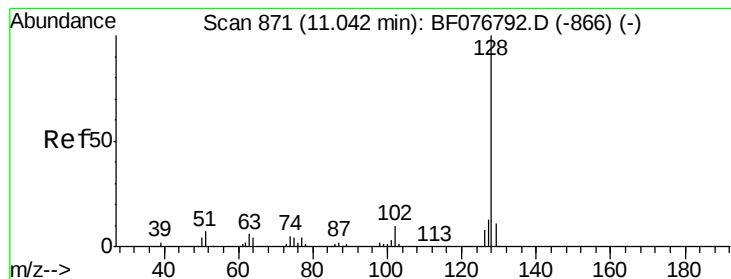
Ion Ratio Lower Upper

162 100

164 39.7 36.4 76.4

98 81.5 16.1 56.1#





#31

Naphthalene

Concen: 4.63 ng

RT: 11.06 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

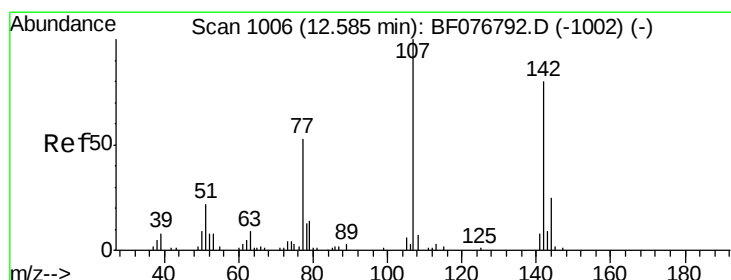
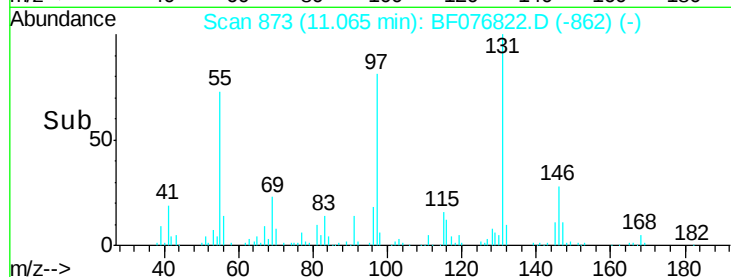
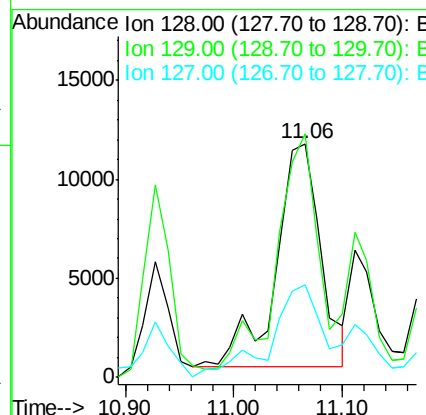
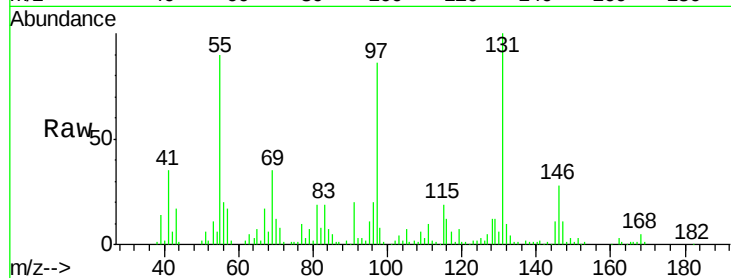
Tgt Ion:128 Resp: 32571

Ion Ratio Lower Upper

128 100

129 104.1 8.6 13.0#

127 39.4 10.1 15.1#



#36

4-Chloro-3-methylphenol

Concen: 2.72 ng

RT: 12.59 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

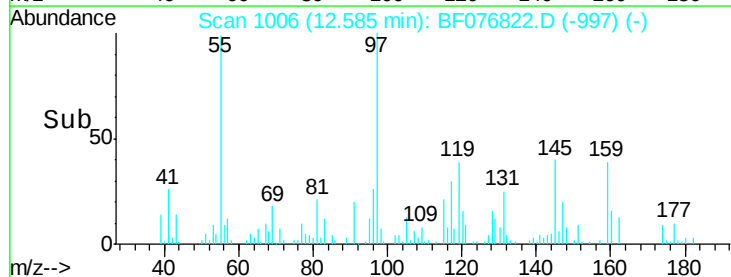
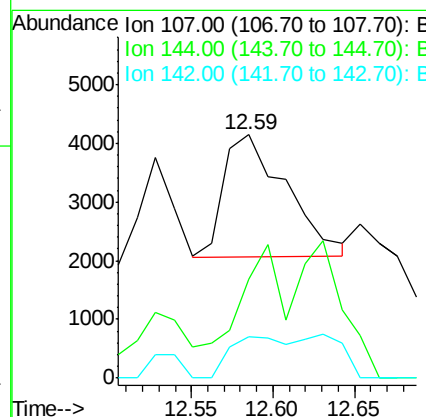
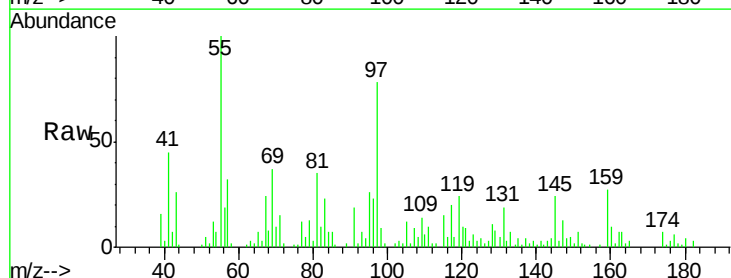
Tgt Ion:107 Resp: 5561

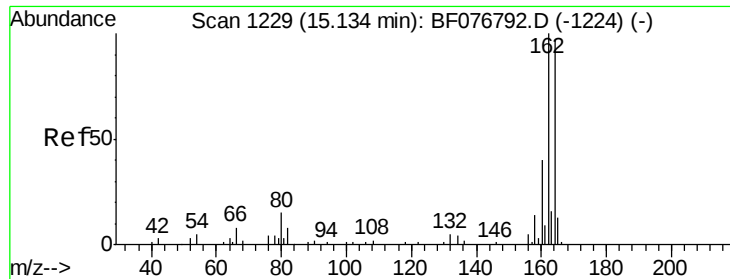
Ion Ratio Lower Upper

107 100

144 40.8 19.8 29.8#

142 17.2 64.0 96.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.13 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

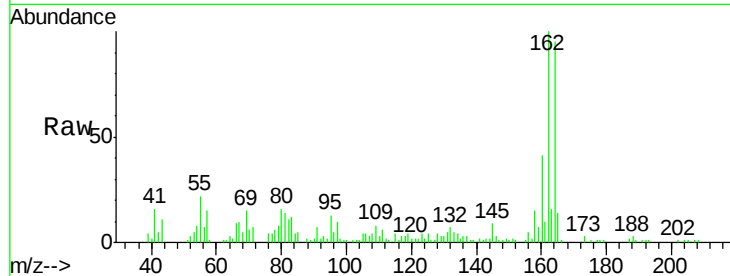
Tgt Ion:164 Resp: 72129

Ion Ratio Lower Upper

164 100

162 105.1 82.5 123.7

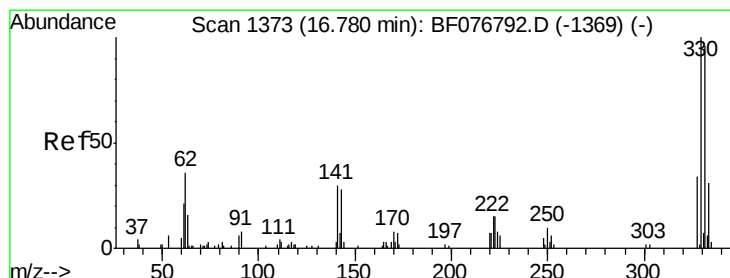
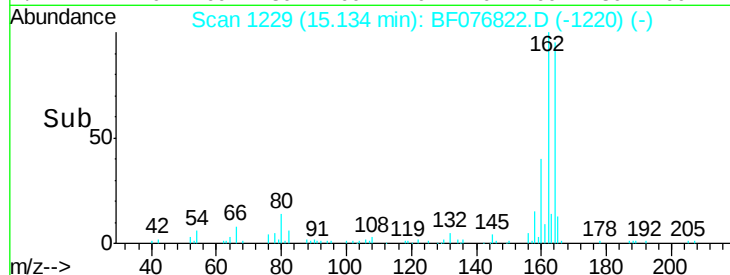
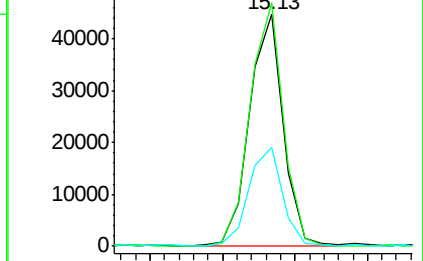
160 42.6 33.1 49.7



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: 46.66 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

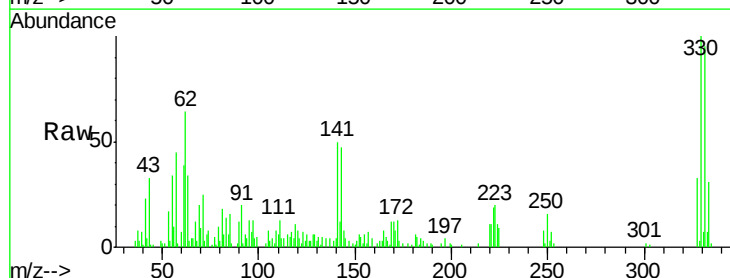
Tgt Ion:330 Resp: 28089

Ion Ratio Lower Upper

330 100

332 98.1 74.8 112.2

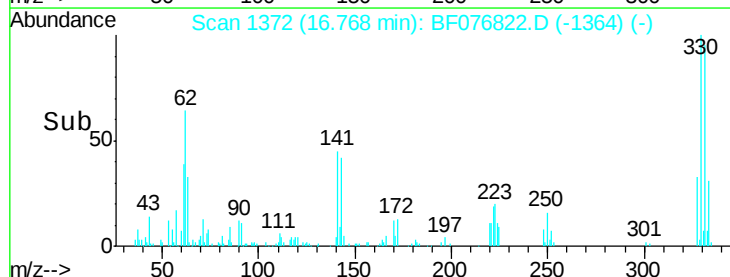
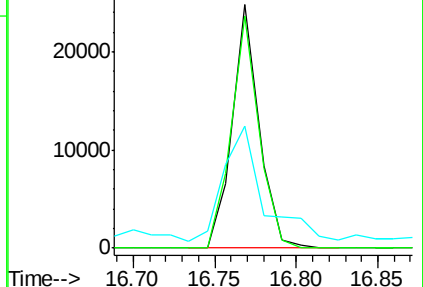
141 69.1 42.4 63.6#

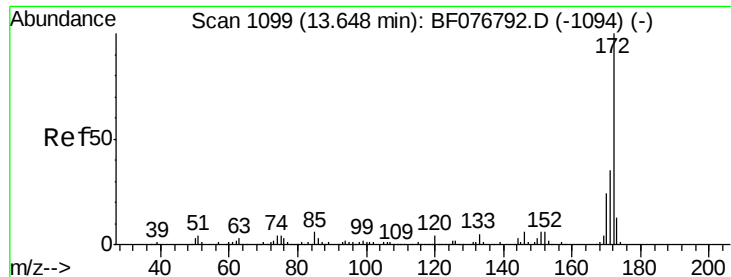


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

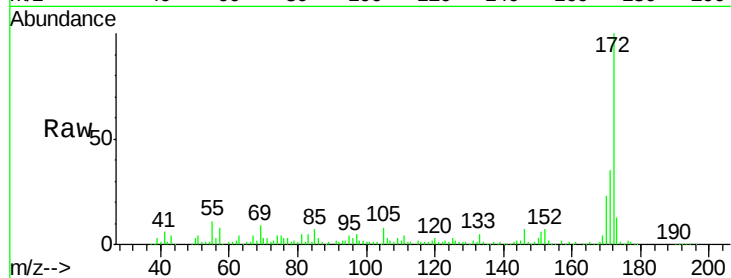




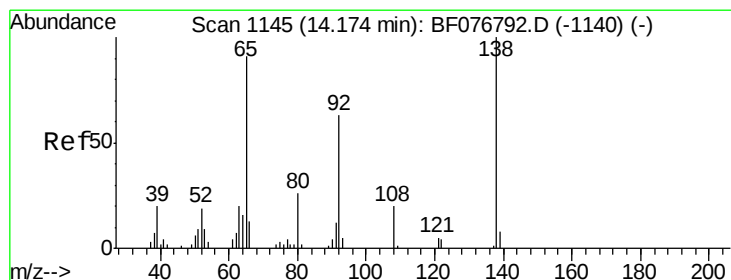
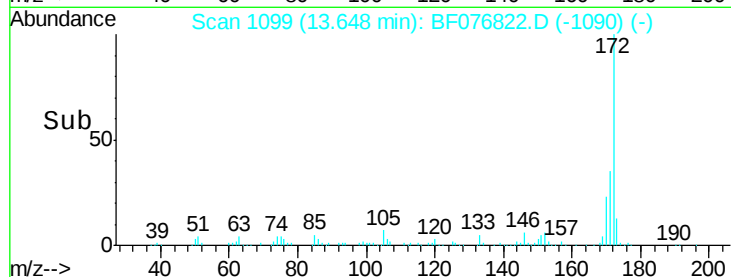
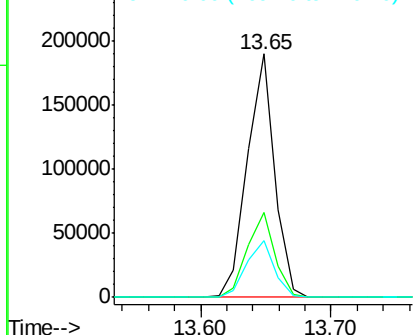
#44
2-Fluorobiphenyl
Concen: 56.45 ng
RT: 13.65 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

Instrument :
BNA_F
ClientSampled :
SW-012

Tgt Ion: 172 Resp: 276652
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.1 18.8 28.2

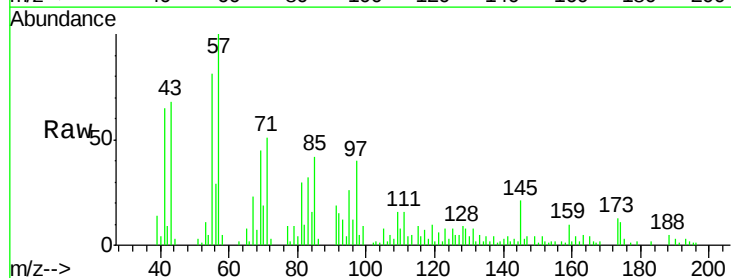


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

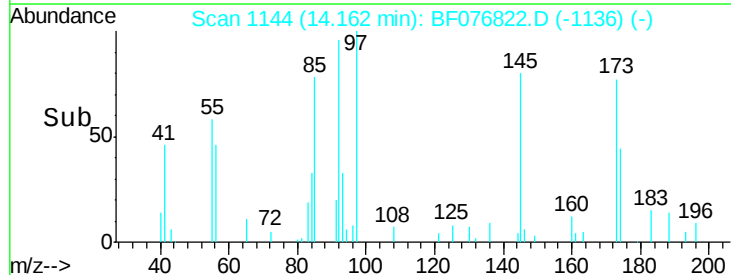
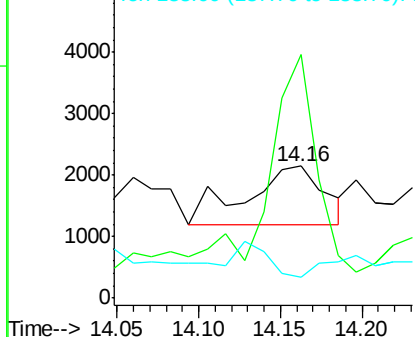


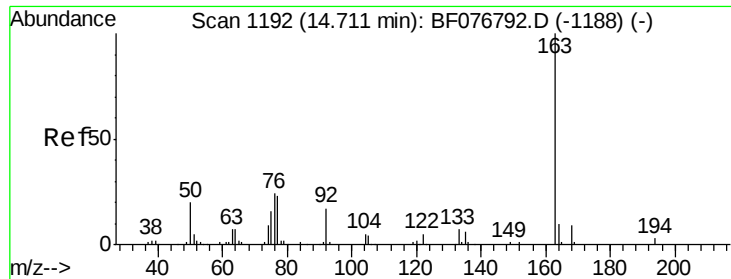
#47
2-Nitroaniline
Concen: 2.37 ng
RT: 14.16 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

Tgt Ion: 65 Resp: 3144
Ion Ratio Lower Upper
65 100
92 184.2 56.0 84.0#
138 16.3 88.2 132.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.63 ng

RT: 14.70 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

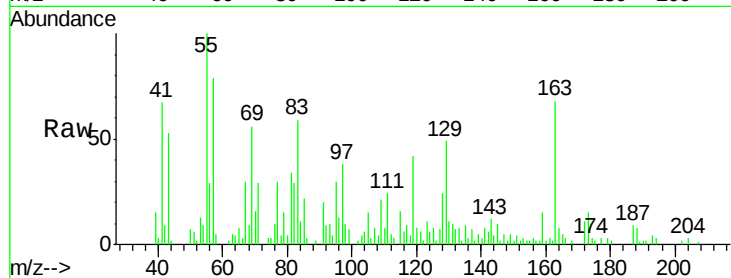
Tgt Ion:163 Resp: 24253

Ion Ratio Lower Upper

163 100

194 4.3 2.3 3.5#

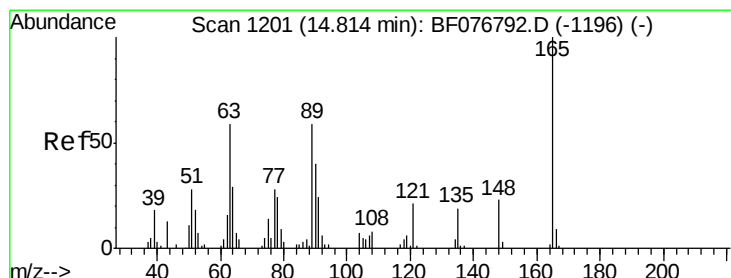
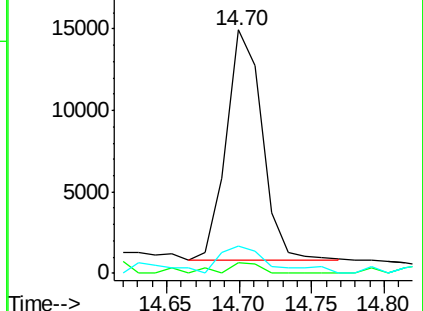
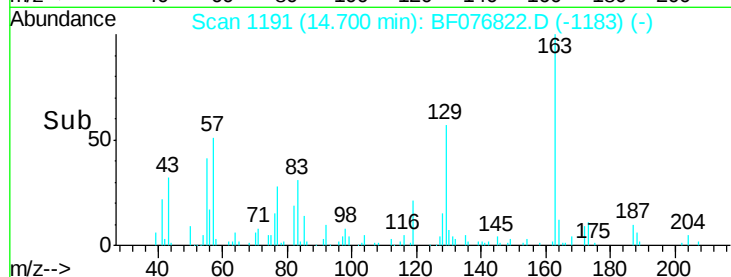
164 11.2 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 2.19 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.03 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

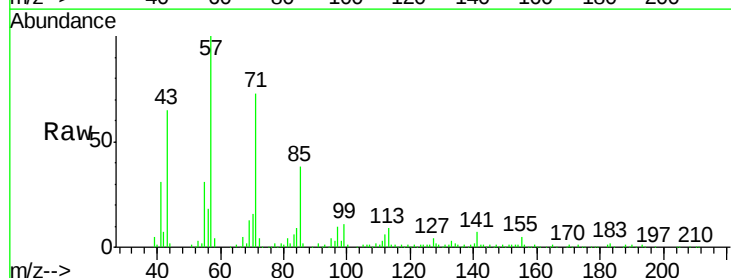
Tgt Ion:165 Resp: 2436

Ion Ratio Lower Upper

165 100

63 55.6 49.8 74.8

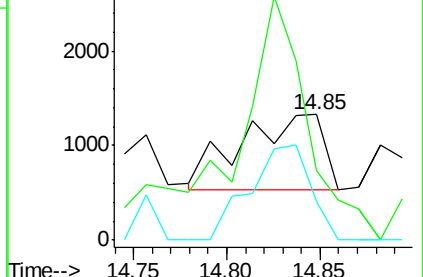
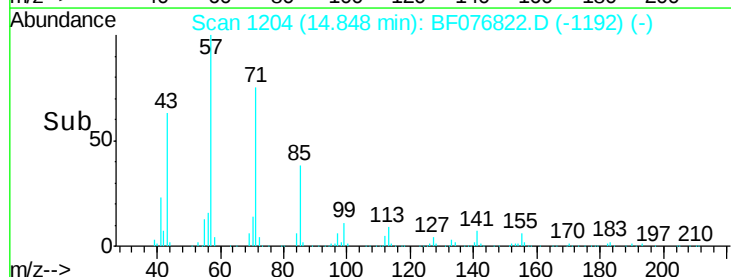
89 31.4 46.8 70.2#

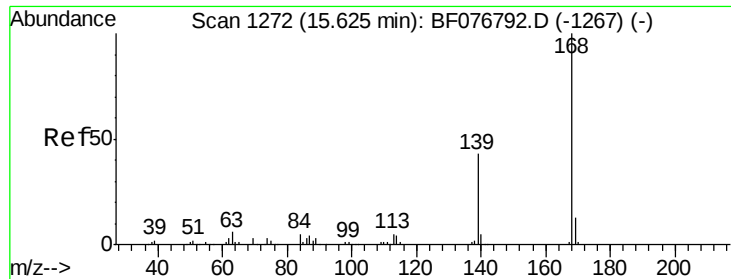


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#54

Dibenzofuran

Concen: 2.47 ng

RT: 15.63 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

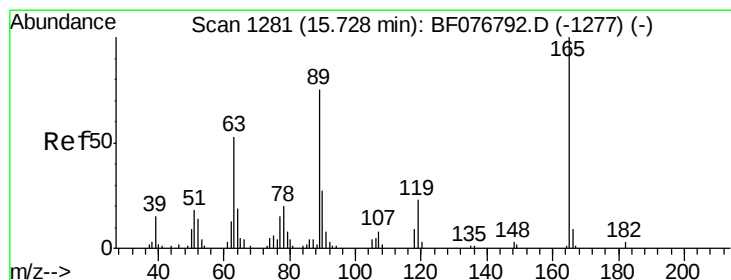
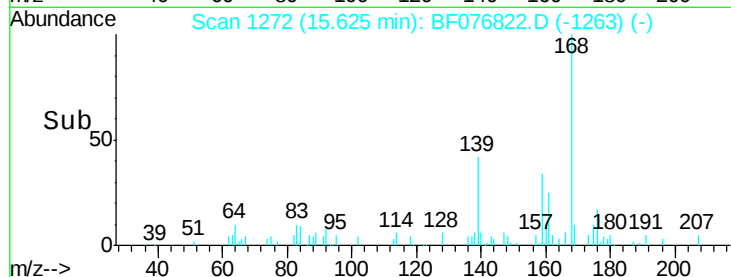
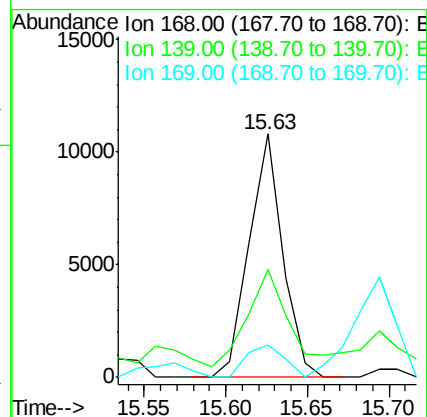
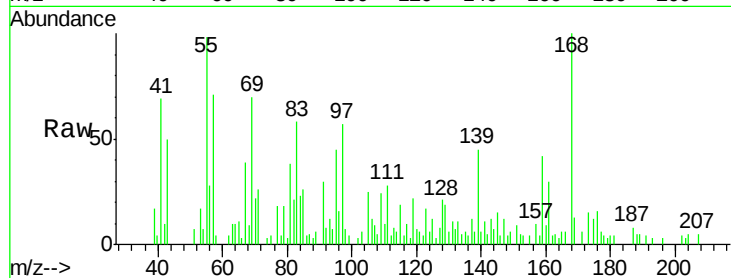
Tgt Ion:168 Resp: 15423

Ion Ratio Lower Upper

168 100

139 44.6 34.2 51.4

169 13.5 10.5 15.7



#56

2,4-Dinitrotoluene

Concen: 2.33 ng

RT: 15.69 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Tgt Ion:165 Resp: 3302

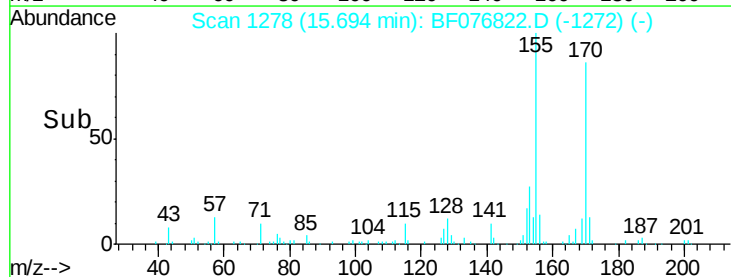
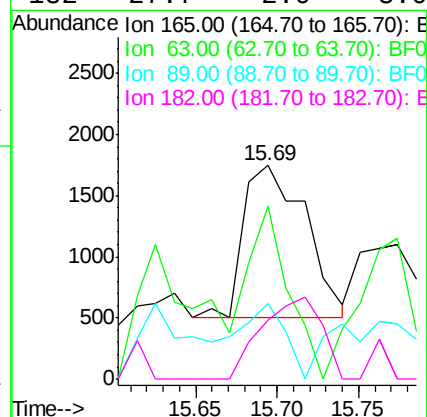
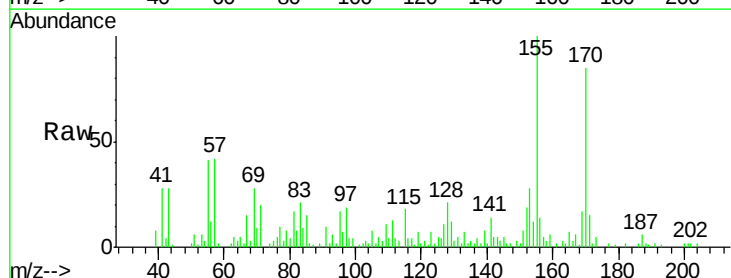
Ion Ratio Lower Upper

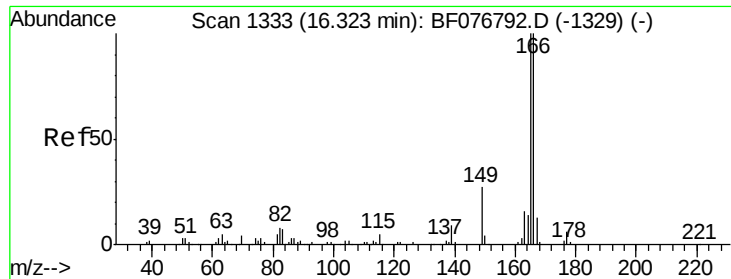
165 100

63 80.8 42.5 63.7#

89 35.3 60.2 90.2#

182 27.7 2.0 3.0#

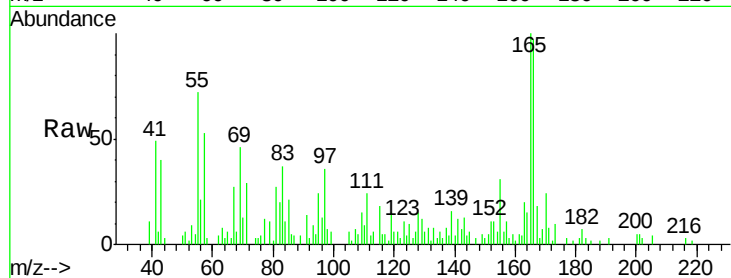




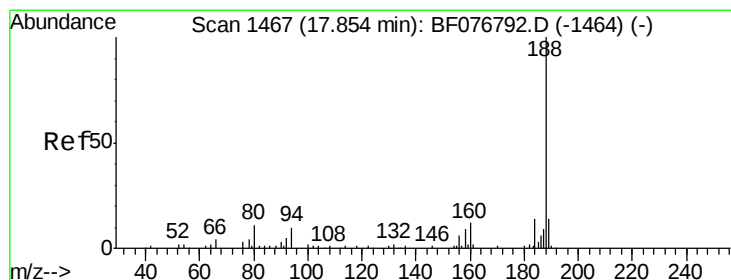
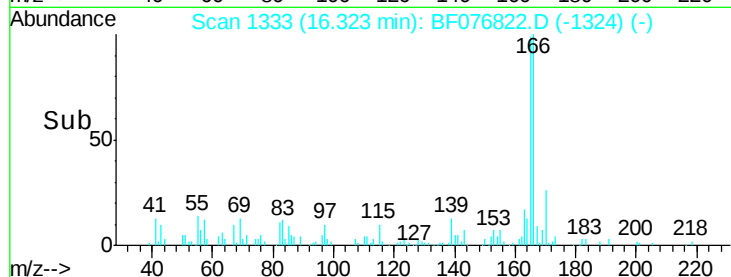
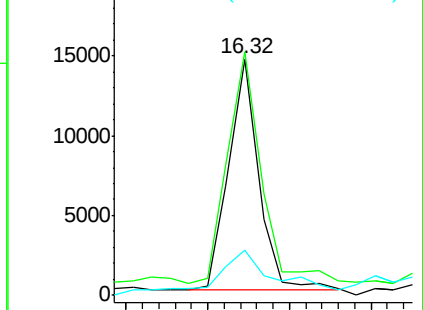
#57
 Fluorene
 Concen: 3.57 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-012

Tgt Ion:166 Resp: 18587
 Ion Ratio Lower Upper
 166 100
 165 102.9 79.6 119.4
 167 18.9 10.2 15.2#

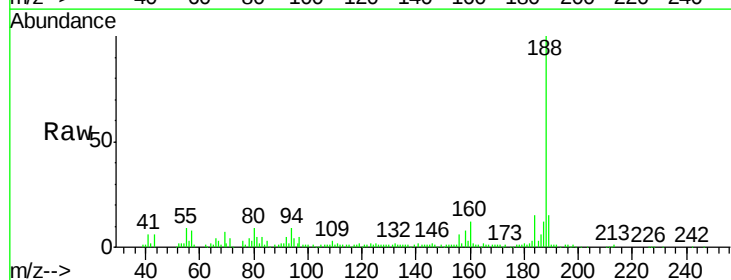


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

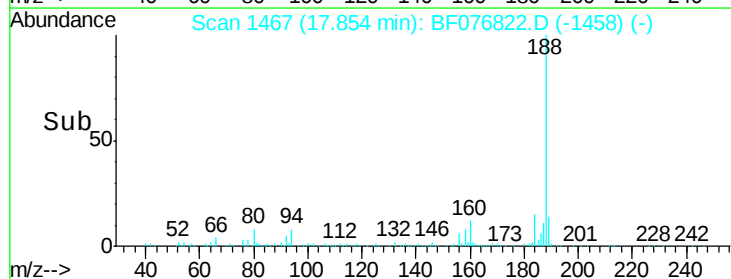
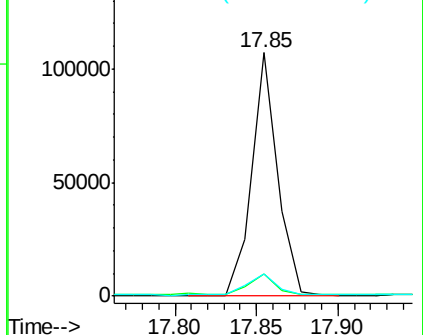


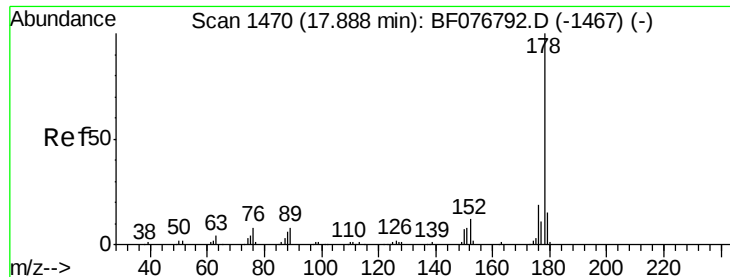
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Tgt Ion:188 Resp: 118001
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.8 11.6
 80 8.9 8.6 13.0



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





#70

Phenanthrene

Concen: 4.38 ng

RT: 17.89 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

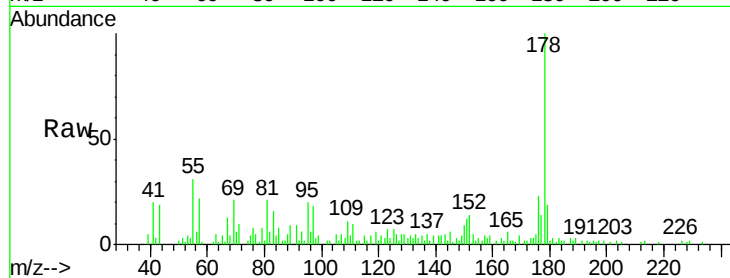
Tgt Ion:178 Resp: 32242

Ion Ratio Lower Upper

178 100

176 23.3 15.2 22.8#

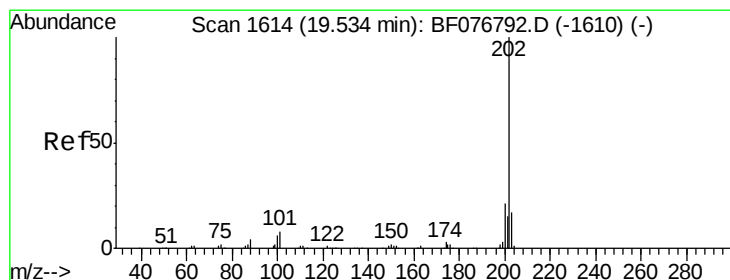
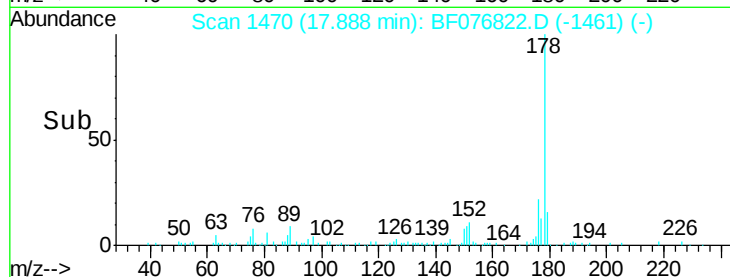
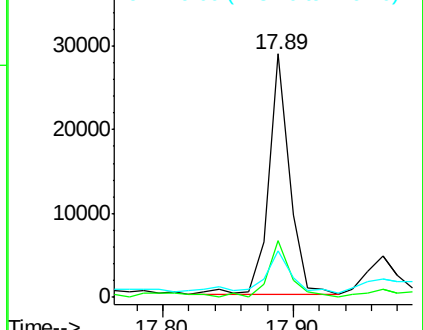
179 19.0 11.8 17.8#



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



#74

Fluoranthene

Concen: 2.38 ng

RT: 19.52 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

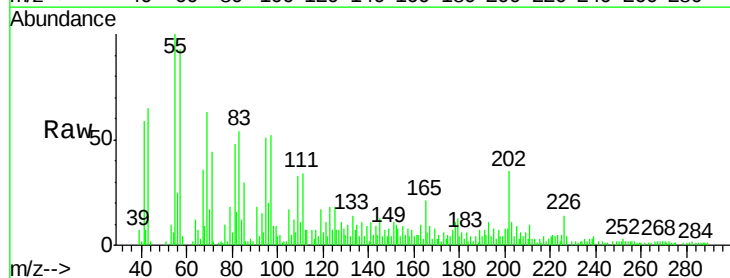
Tgt Ion:202 Resp: 17959

Ion Ratio Lower Upper

202 100

101 15.3 0.0 28.0

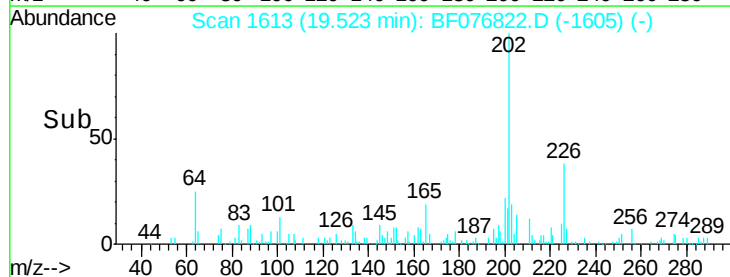
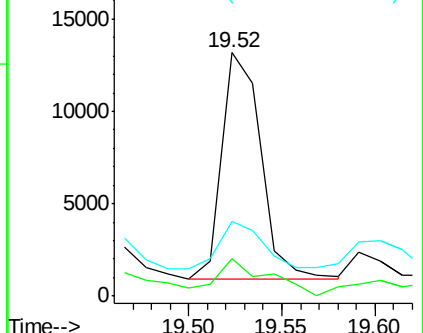
203 30.7 0.0 37.2

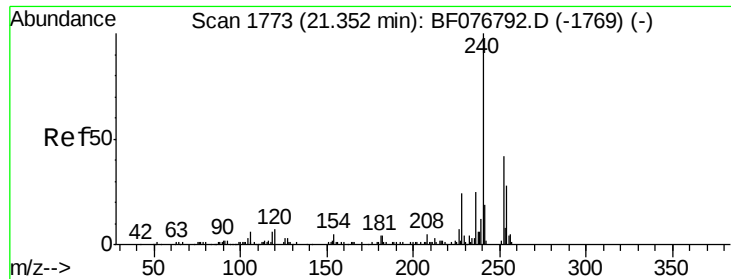


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

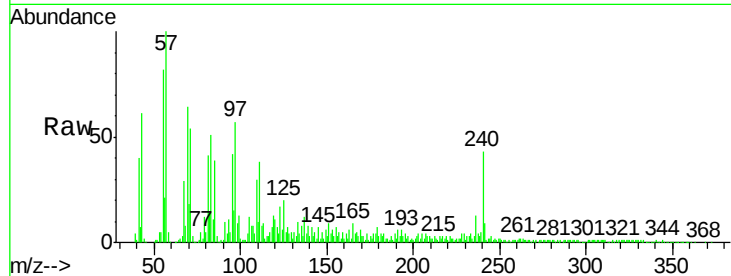
Tgt Ion:240 Resp: 120260

Ion Ratio Lower Upper

240 100

120 24.6 5.7 8.5#

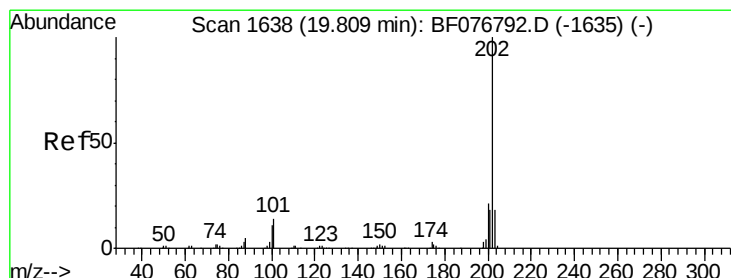
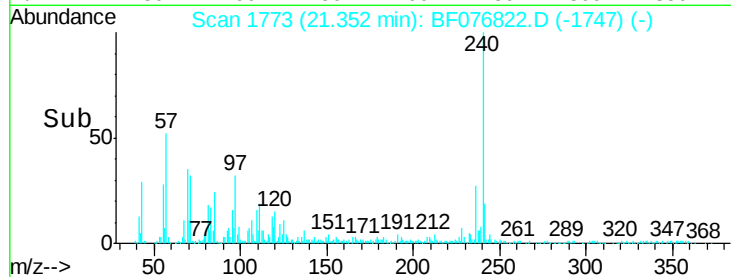
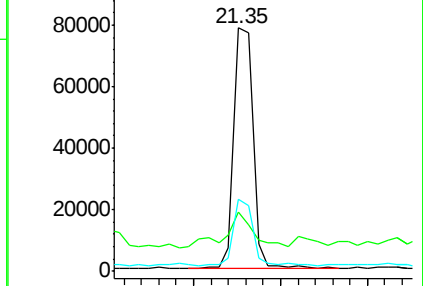
236 29.4 19.7 29.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.61 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

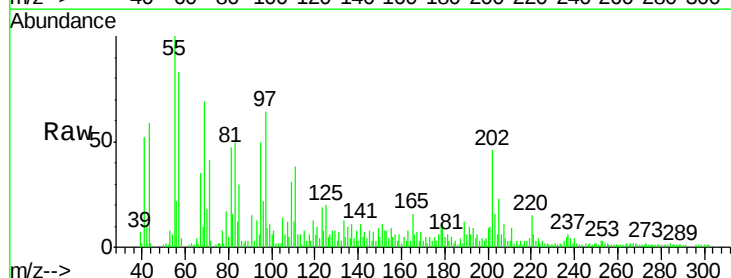
Tgt Ion:202 Resp: 31215

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

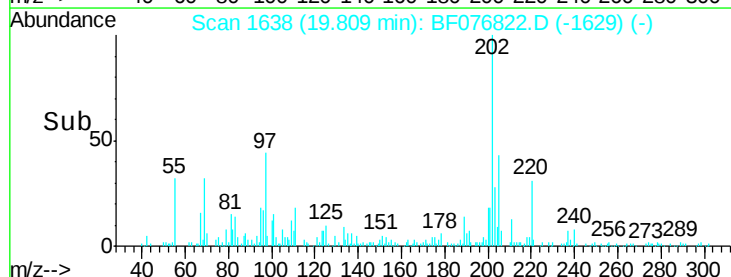
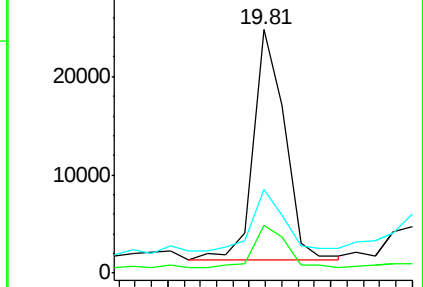
203 34.3 14.6 22.0#

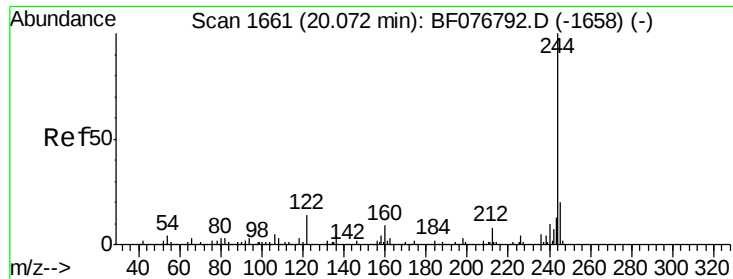


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.79 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

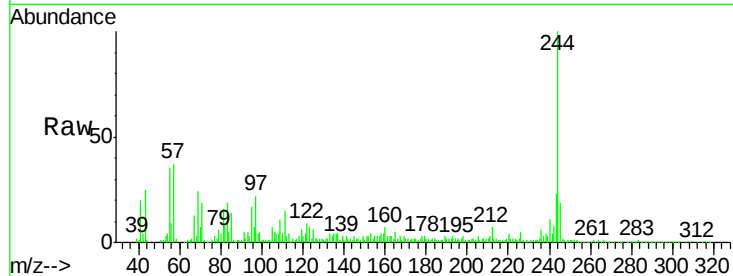
Tgt Ion:244 Resp: 272704

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.0 11.3 16.9#



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

250000

200000

150000

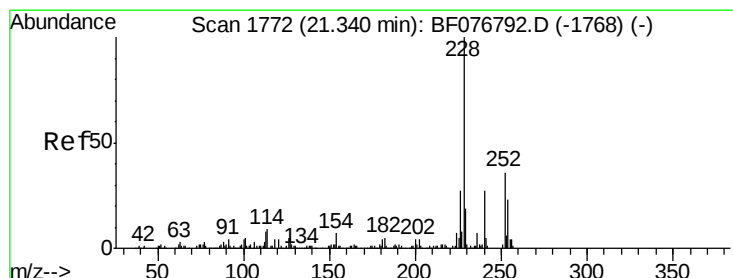
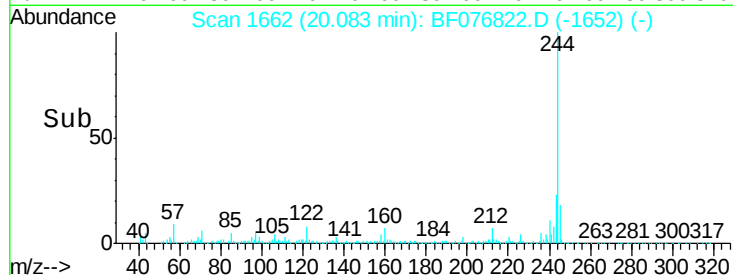
100000

50000

0

20.00 20.05 20.10 20.15

Time-->



#80

Benzo(a)anthracene

Concen: 3.91 ng

RT: 21.37 min Scan# 1775

Delta R.T. 0.03 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

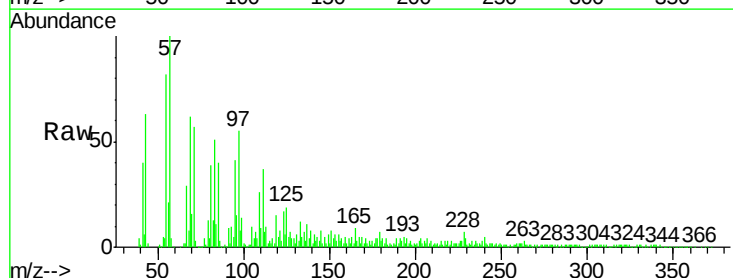
Tgt Ion:228 Resp: 29921

Ion Ratio Lower Upper

228 100

226 44.1 21.4 32.0#

229 61.4 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

15000

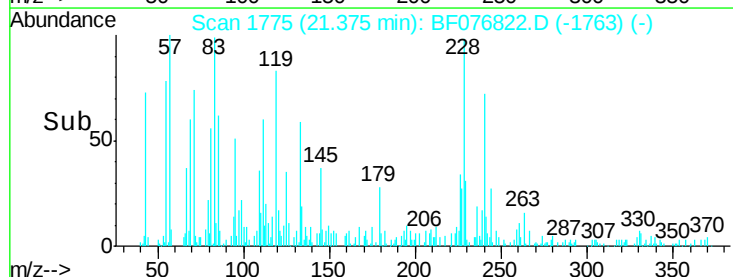
10000

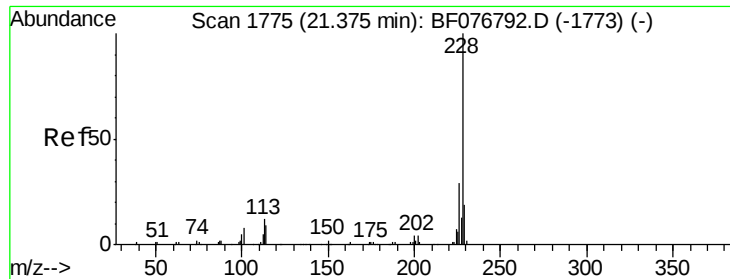
5000

0

21.20 21.30 21.40

Time-->





#82

Chrysene

Concen: 4.31 ng

RT: 21.37 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

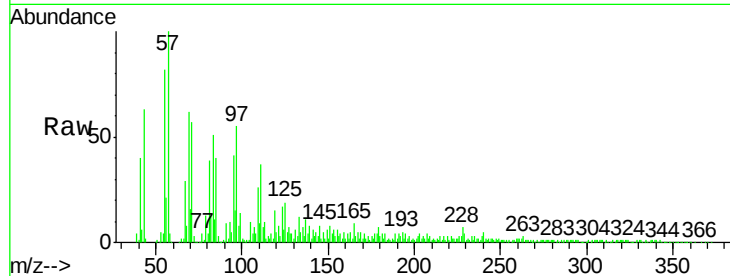
Tgt Ion:228 Resp: 29864

Ion Ratio Lower Upper

228 100

226 44.1 23.3 34.9#

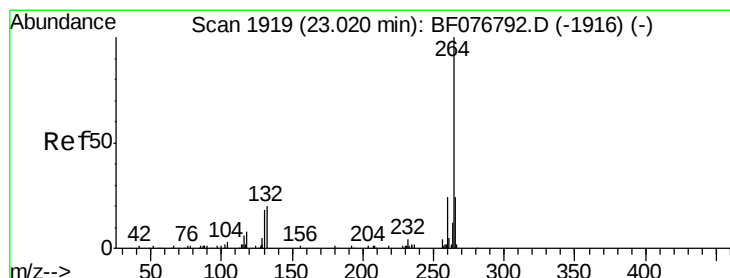
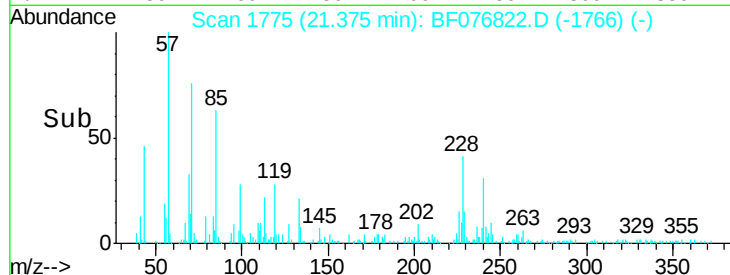
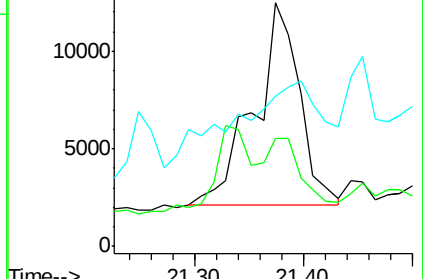
229 61.4 14.6 22.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.02 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

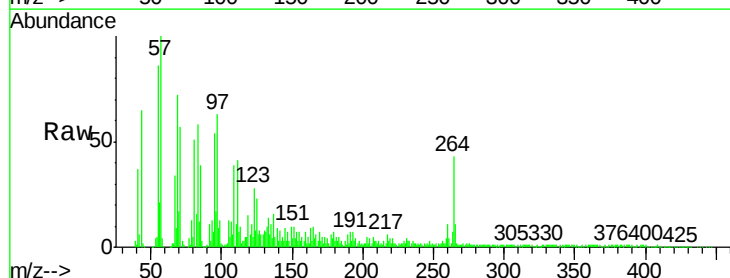
Tgt Ion:264 Resp: 112795

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.0

265 24.4 18.9 28.3



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

