

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077090.D
 Acq On : 27 Jan 2015 18:11
 Operator : TP/IZ
 Sample : G1137-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 03:45:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 02:59:18 2015
 Response via : Initial Calibration

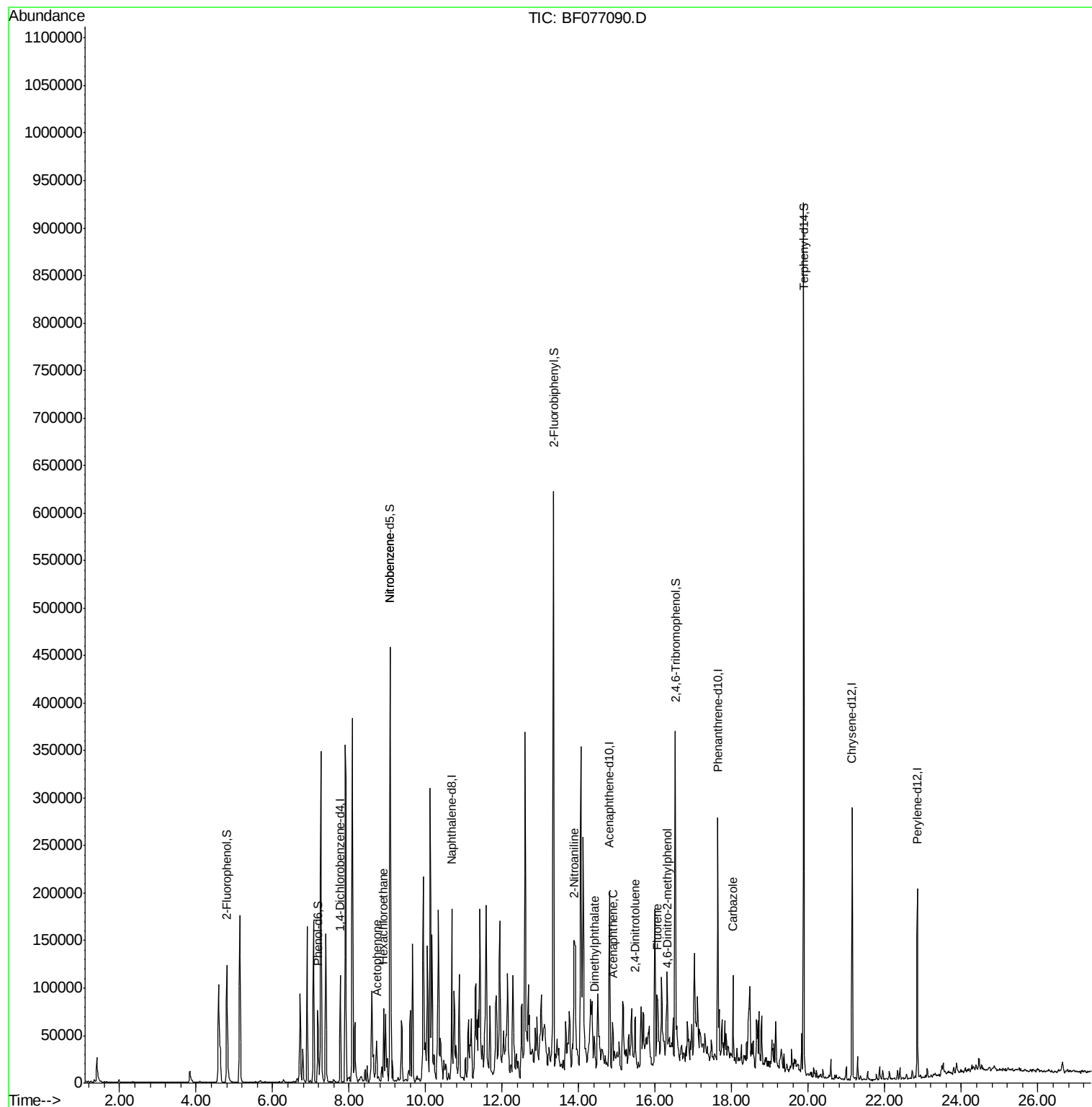
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	31298	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	126940	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	61077	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	110883	20.00	ng	0.00
75) Chrysene-d12	21.15	240	112919	20.00	ng	-0.01
86) Perylene-d12	22.85	264	104356	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	72608	38.14	ng	0.00
7) Phenol-d6	7.18	99	51913	21.62	ng	0.00
23) Nitrobenzene-d5	9.06	82	166388	72.62	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	57337	115.65	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	337032	83.98	ng	0.01
78) Terphenyl-d14	19.88	244	341859	69.70	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.90	117	3951	4.29	ng	# 1
22) Acetophenone	8.72	105	33824	10.88	ng	# 55
24) Nitrobenzene	9.06	77	7431	3.18	ng	# 6
47) 2-Nitroaniline	13.89	65	5694	5.04	ng	# 11
49) Dimethylphthalate	14.40	163	10240	2.36	ng	# 84
51) Acenaphthene	14.88	154	13310	3.73	ng	# 95
56) 2,4-Dinitrotoluene	15.48	165	894	2.77	ng	# 54
57) Fluorene	16.05	166	21915	4.98	ng	# 97
64) 4,6-Dinitro-2-methylphenol	16.32	198	284	3.68	ng	# 1
72) Carbazole	18.04	167	38121	5.83	ng	# 98

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

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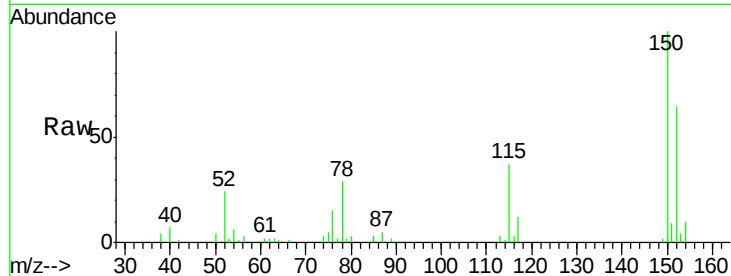


#1

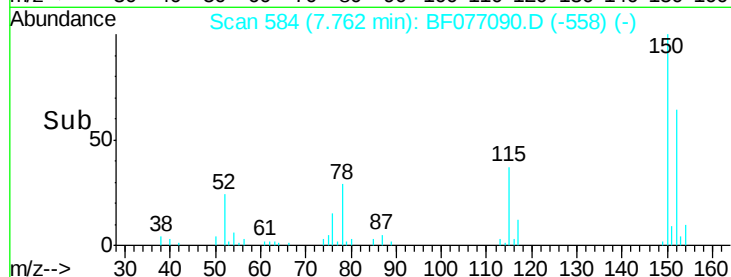
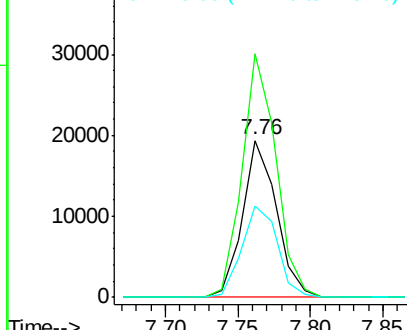
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077090.D
Acq: 27 Jan 2015 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31298
Ion Ratio Lower Upper
152 100
150 155.4 121.7 182.5
115 58.0 47.0 70.6



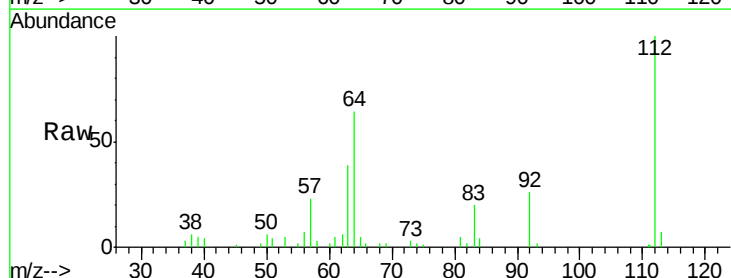
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



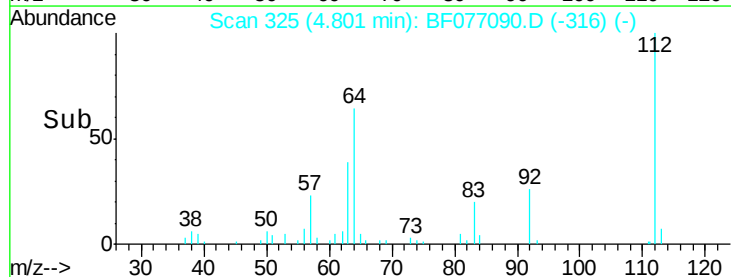
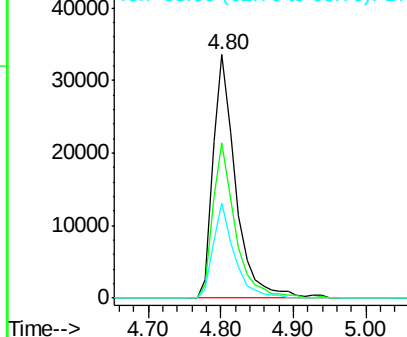
#5

2-Fluorophenol
Concen: 38.14 ng
RT: 4.80 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF077090.D
Acq: 27 Jan 2015 18:11

Tgt Ion:112 Resp: 72608
Ion Ratio Lower Upper
112 100
64 63.9 54.2 81.4
63 39.2 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





#7

Phenol-d6

Concen: 21.62 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

Instrument :

BNA_F

ClientSampleId :

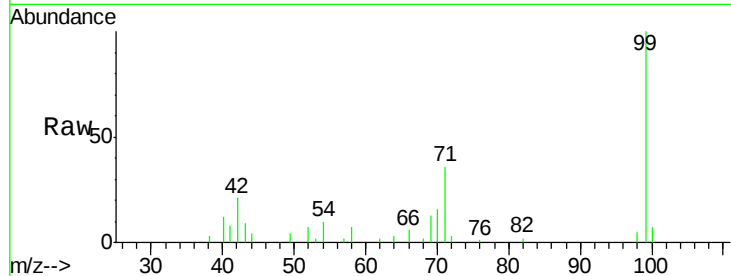
Tot Ion: 99 Resp: 51913

Ion Ratio Lower Upper

99 100

42 21.3 15.0 22.4

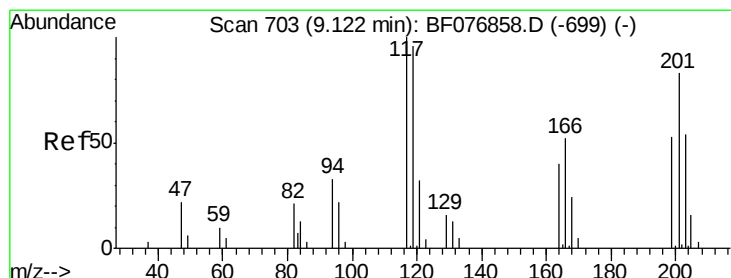
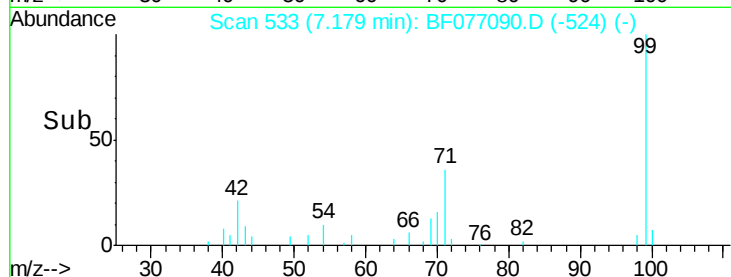
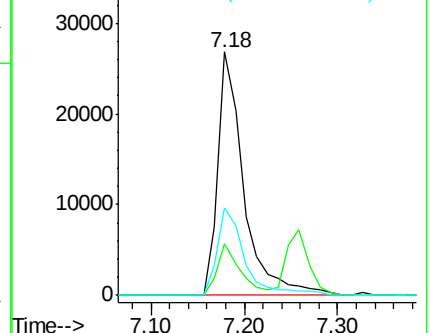
71 35.8 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#18

Hexachloroethane

Concen: 4.29 ng

RT: 8.90 min Scan# 684

Delta R.T. 0.03 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

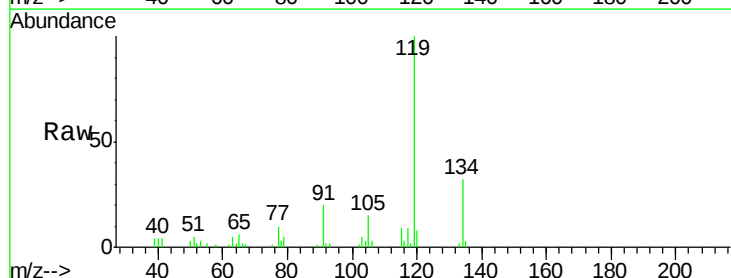
Tgt Ion: 117 Resp: 3951

Ion Ratio Lower Upper

117 100

119 1142.1 77.1 115.7#

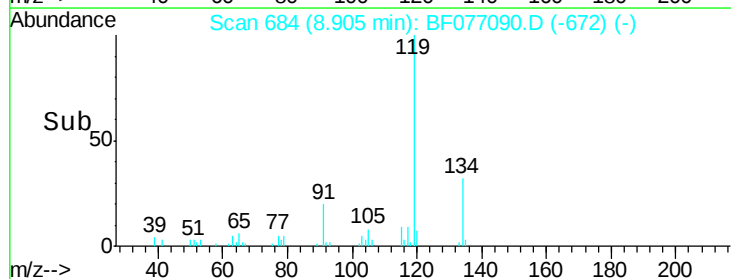
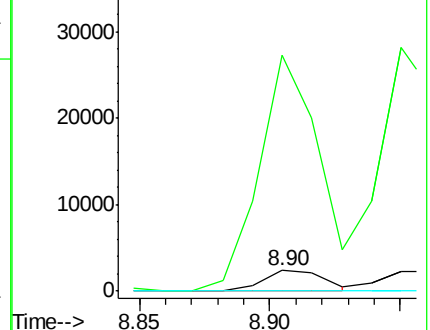
201 0.0 66.8 100.2#

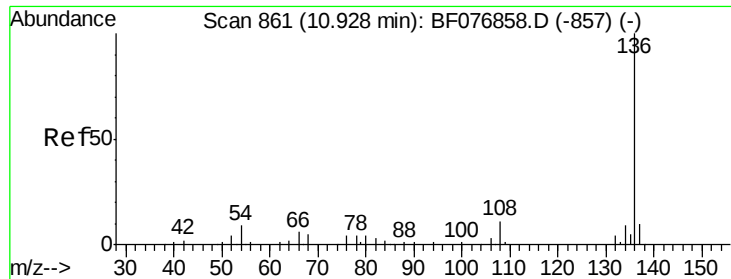


Abundance Ion 117.00 (116.70 to 117.70): BF076858.D (-699) (-)

Ion 119.00 (118.70 to 119.70): BF076858.D (-699) (-)

Ion 201.00 (200.70 to 201.70): BF076858.D (-699) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 126940

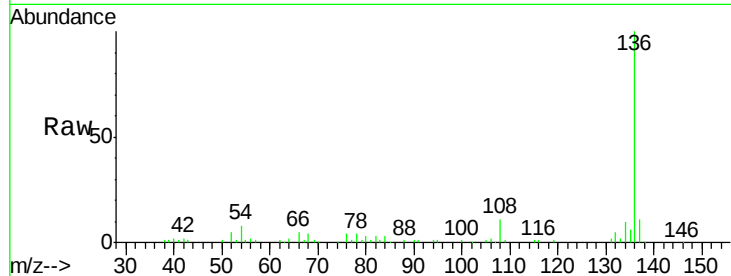
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 7.9 7.0 10.4

68 4.2 3.7 5.5

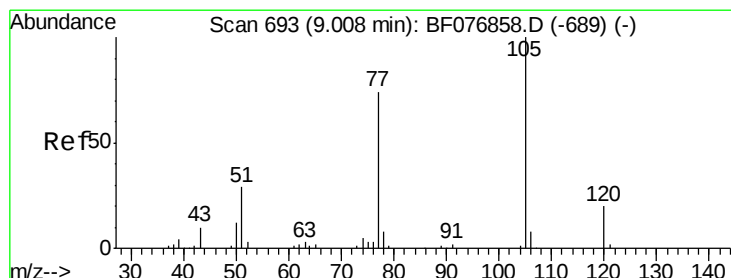
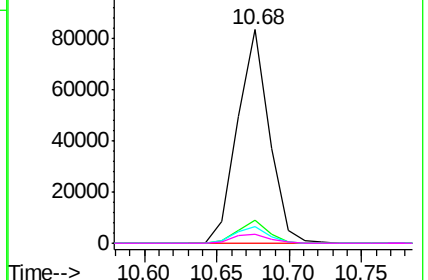
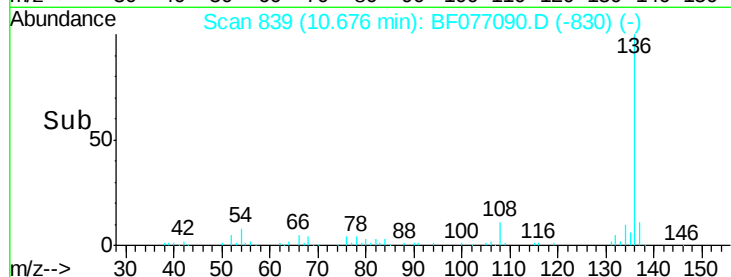


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.88 ng

RT: 8.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

Tgt Ion:105 Resp: 33824

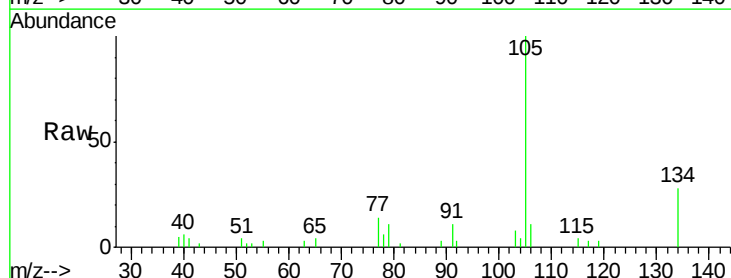
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 4.5 23.3 34.9#

120 0.0 16.1 24.1#

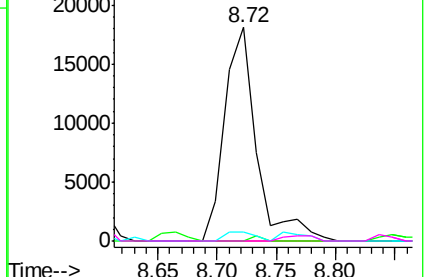
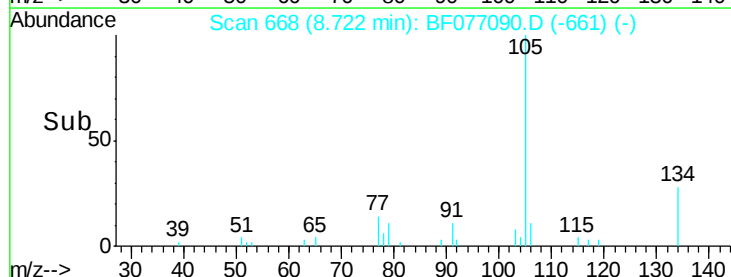


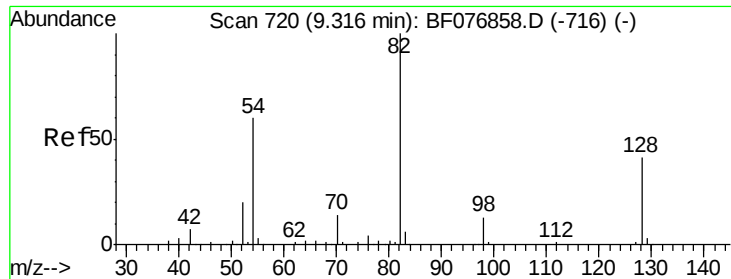
Abundance Ion 105.00 (104.70 to 105.70): E

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

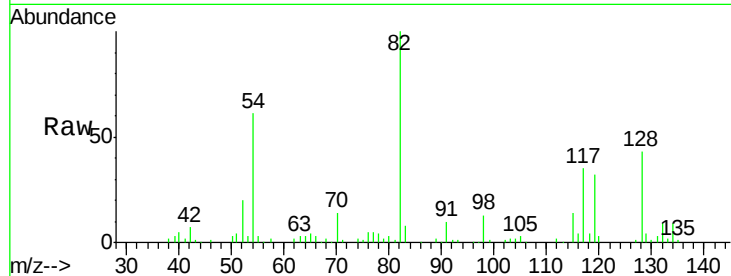




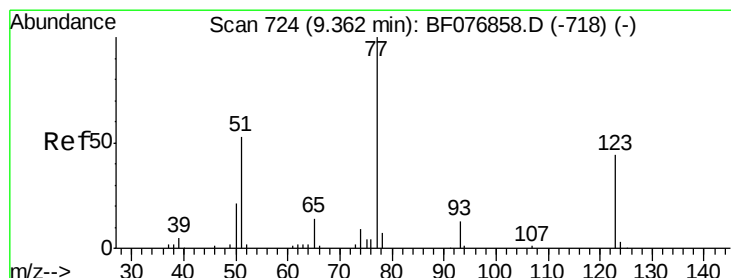
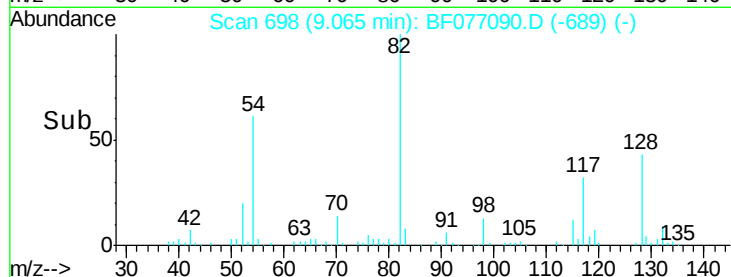
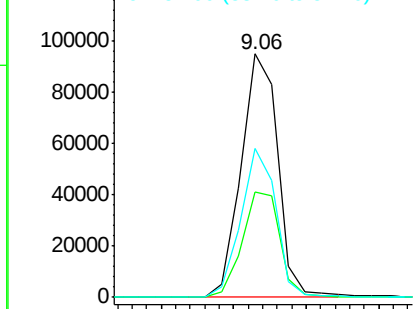
#23
 Nitrobenzene-d5
 Concen: 72.62 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 166388
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.1 49.7
 54 61.2 48.3 72.5

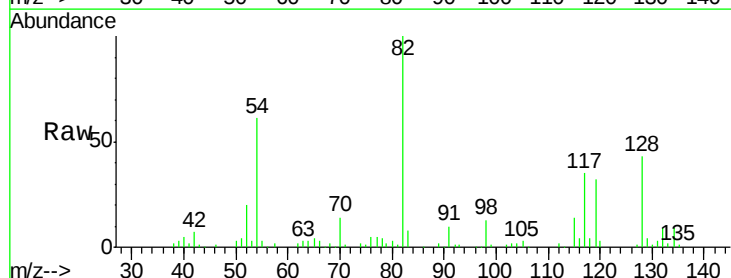


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

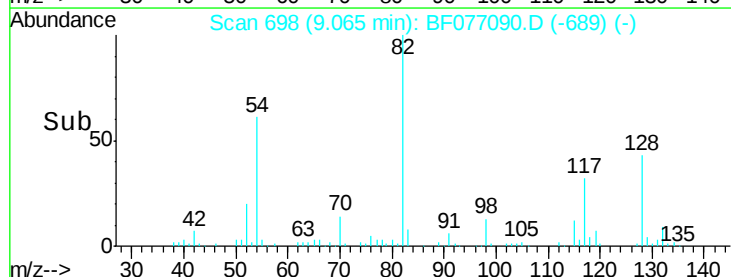
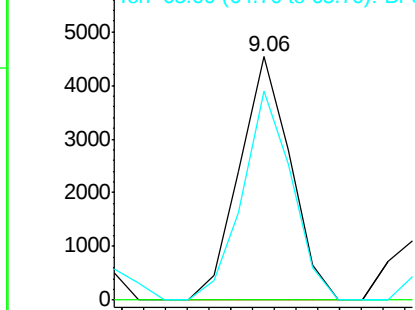


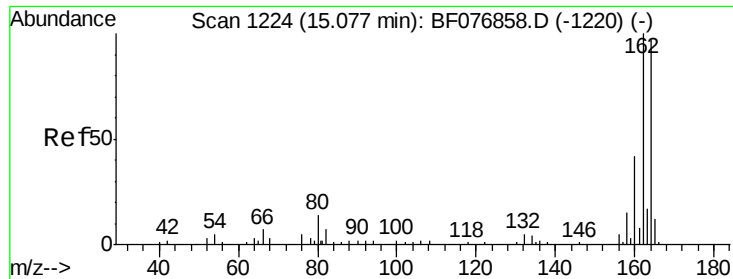
#24
 Nitrobenzene
 Concen: 3.18 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Tgt Ion: 77 Resp: 7431
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.2 52.8#
 65 85.7 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

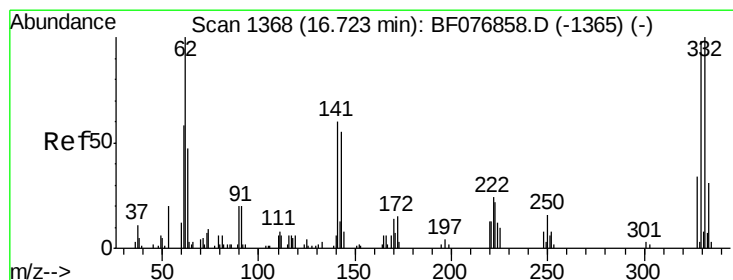
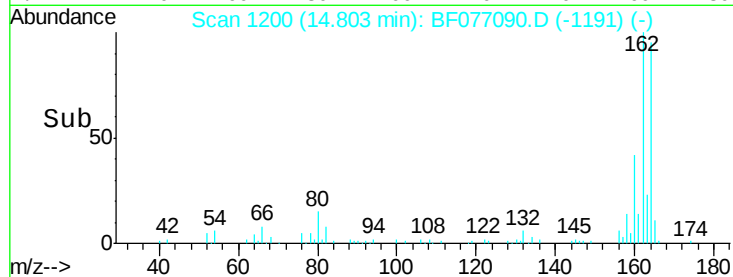
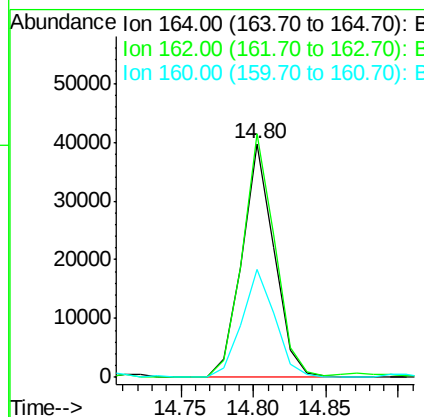
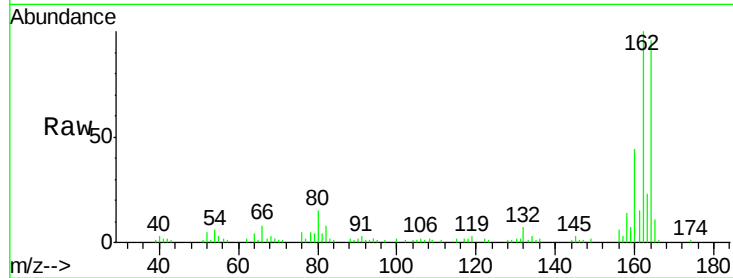




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077090.D
Acq: 27 Jan 2015 18:11

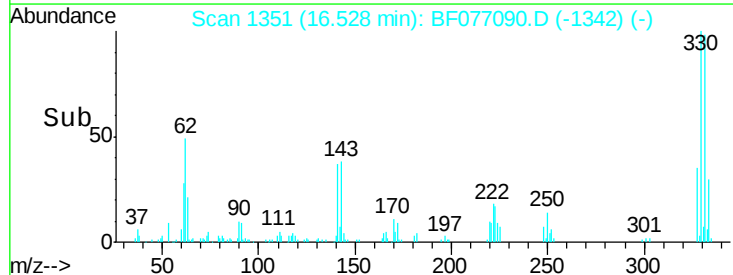
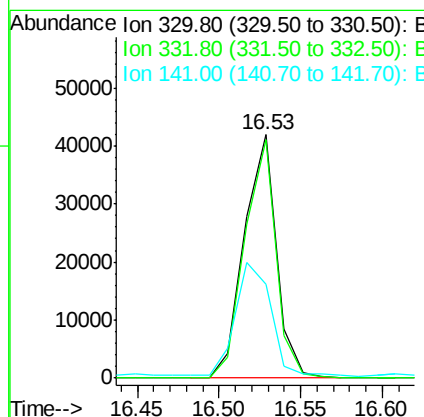
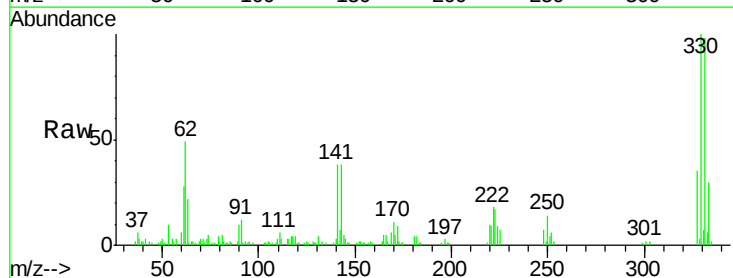
Instrument :
BNA_F
ClientSampleId :

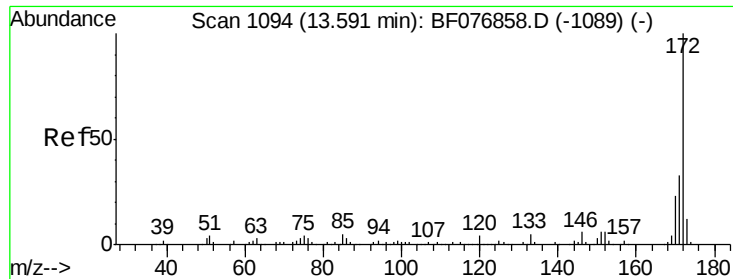
Tot Ion:164 Resp: 61077
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 46.2 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 115.65 ng
RT: 16.53 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF077090.D
Acq: 27 Jan 2015 18:11

Tgt Ion:330 Resp: 57337
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.6
141 50.9 38.5 57.7

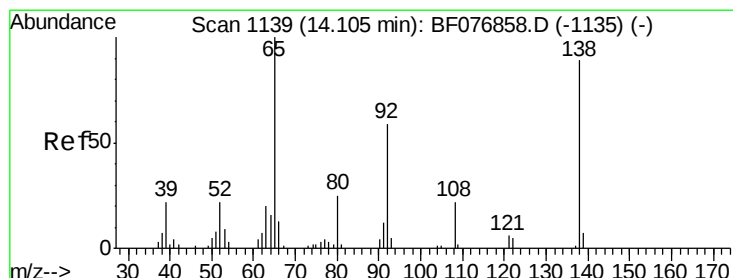
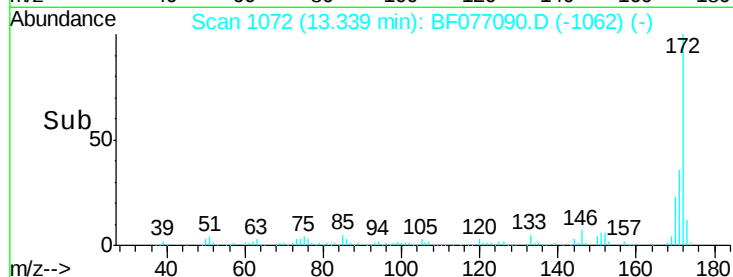
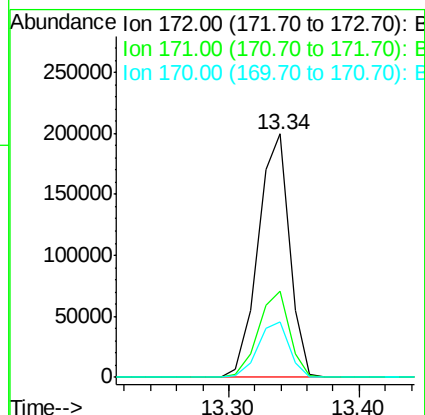
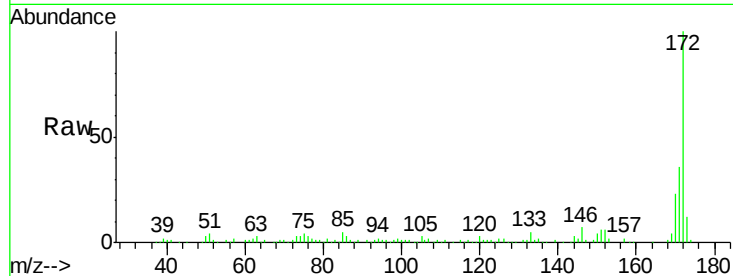




#44
 2-Fluorobiphenyl
 Concen: 83.98 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

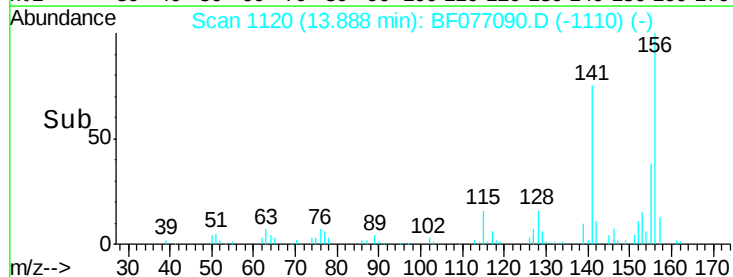
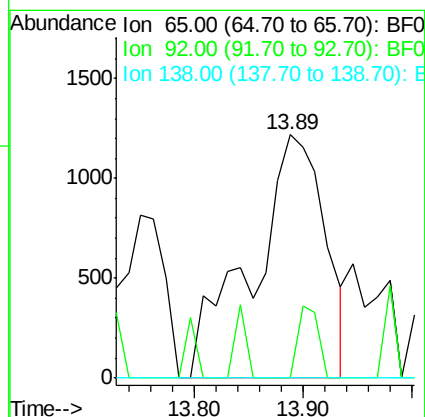
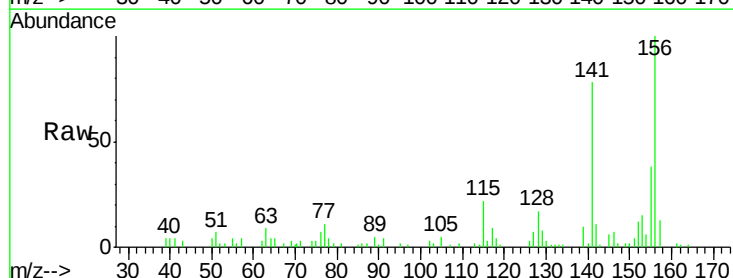
Instrument :
 BNA_F
 ClientSampleId :

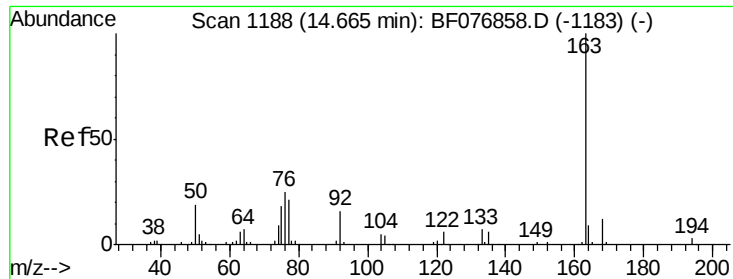
Tot Ion:172 Resp: 337032
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 22.8 18.0 27.0



#47
 2-Nitroaniline
 Concen: 5.04 ng
 RT: 13.89 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Tgt Ion: 65 Resp: 5694
 Ion Ratio Lower Upper
 65 100
 92 0.0 47.3 70.9#
 138 0.0 71.4 107.2#





#49

Dimethylphthalate

Concen: 2.36 ng

RT: 14.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

Instrument :

BNA_F

ClientSampleId :

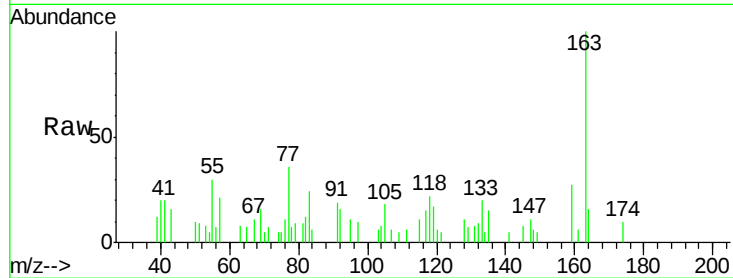
Tot Ion:163 Resp: 10240

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

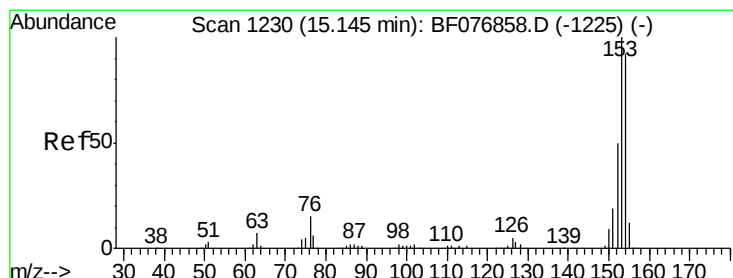
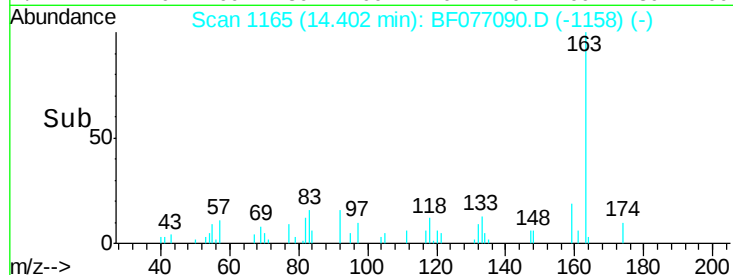
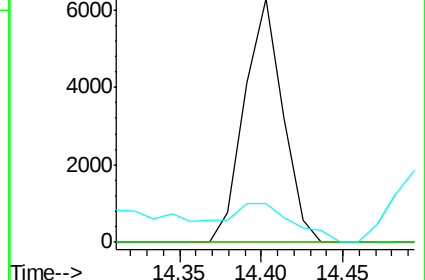
164 16.0 7.5 11.3#



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: 3.73 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

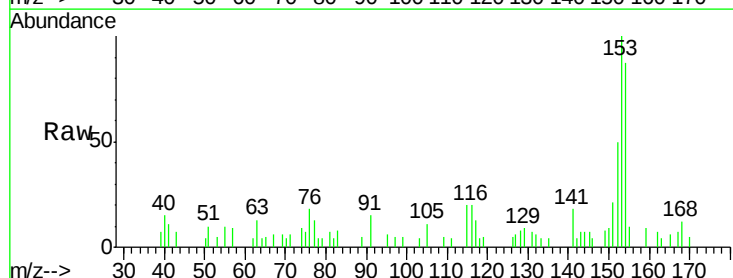
Tgt Ion:154 Resp: 13310

Ion Ratio Lower Upper

154 100

153 114.5 87.0 130.6

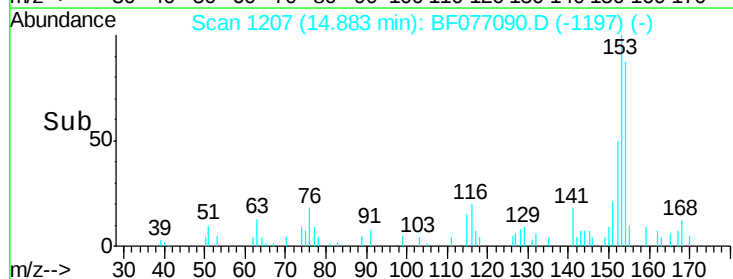
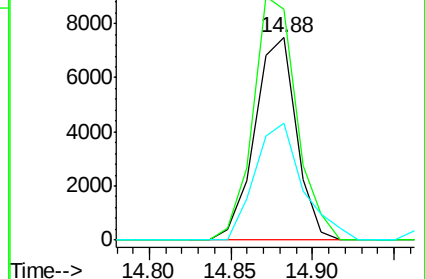
152 57.8 43.5 65.3

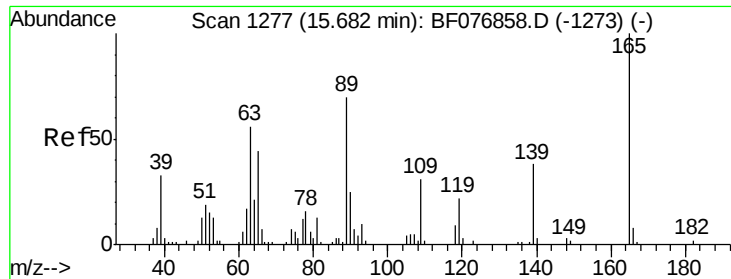


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

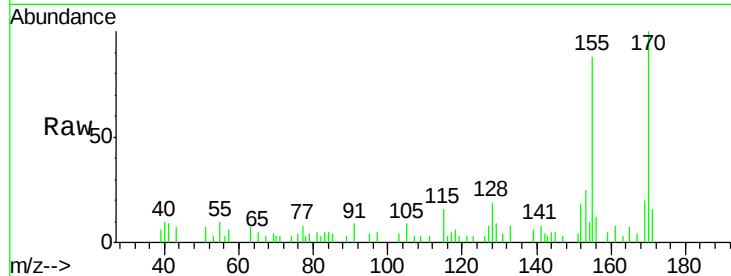




#56
 2,4-Dinitrotoluene
 Concen: 2.77 ng
 RT: 15.48 min Scan# 1259
 Delta R.T. 0.02 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	98.5	44.8	67.2#
89	39.4	56.2	84.2#
182	0.0	1.5	2.3#

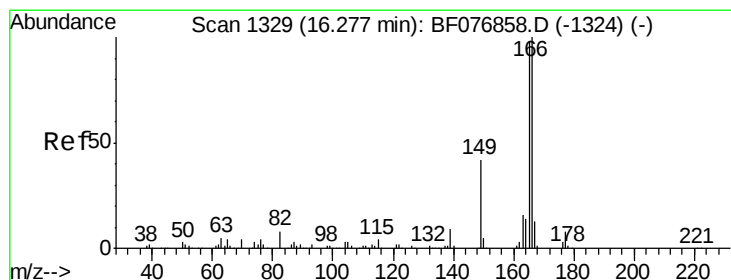
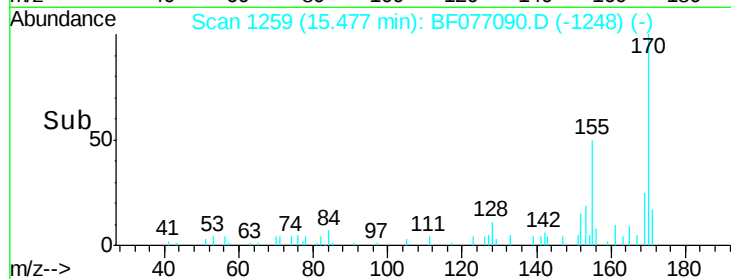
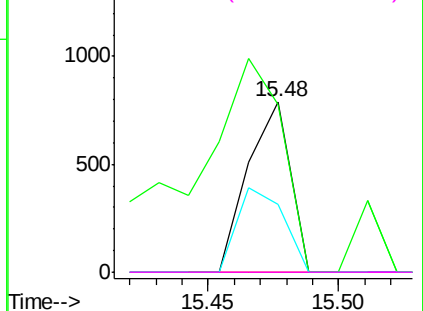


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

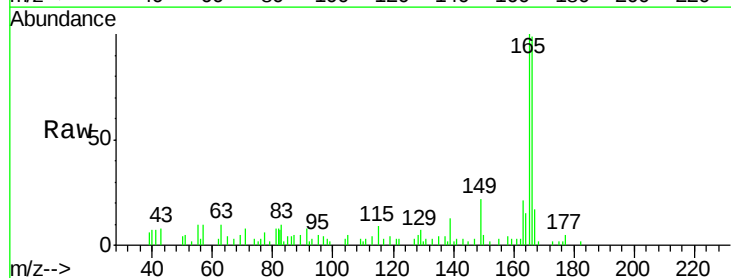
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 4.98 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

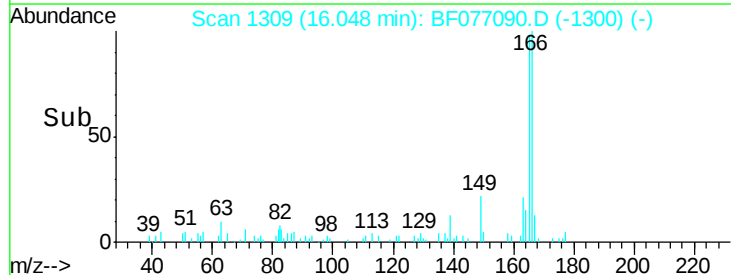
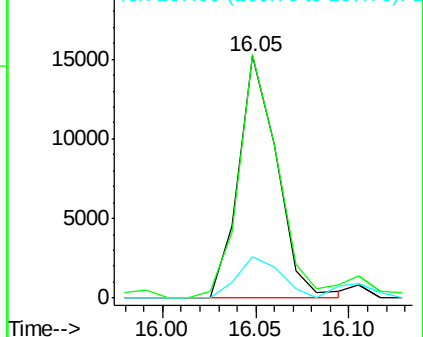
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.5	117.7
167	17.2	10.4	15.6#

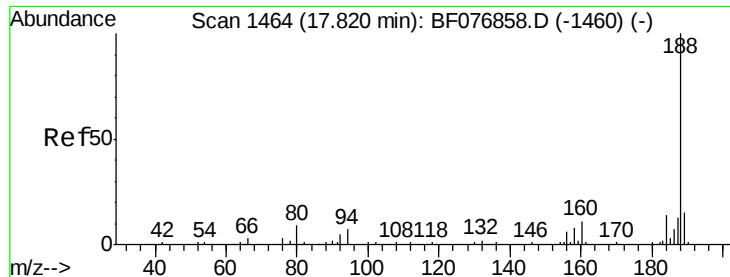


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

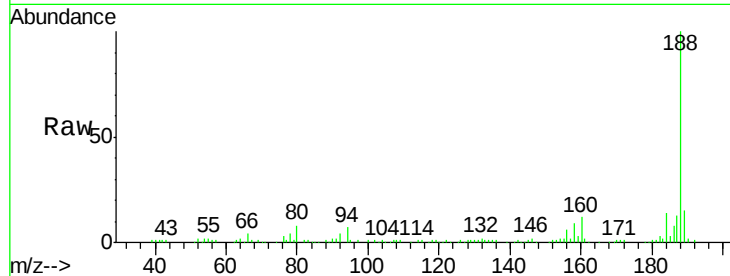




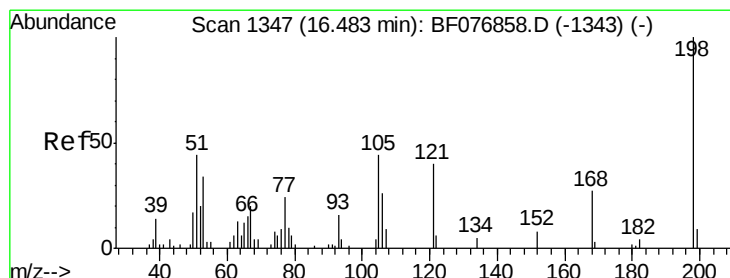
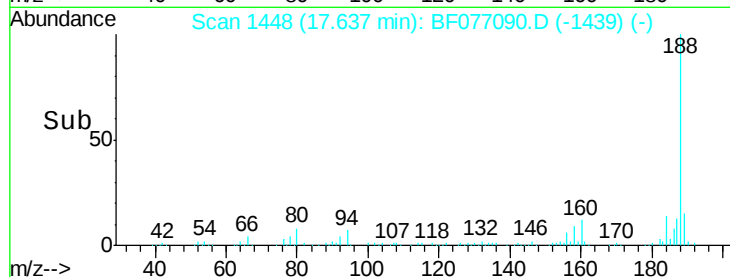
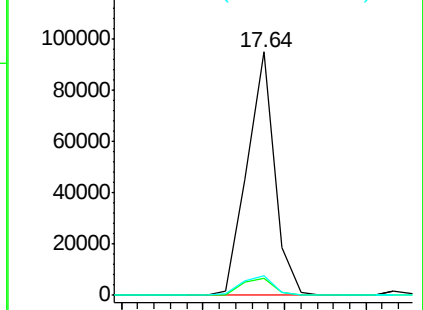
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 110883
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.0 9.0
 80 8.2 6.9 10.3

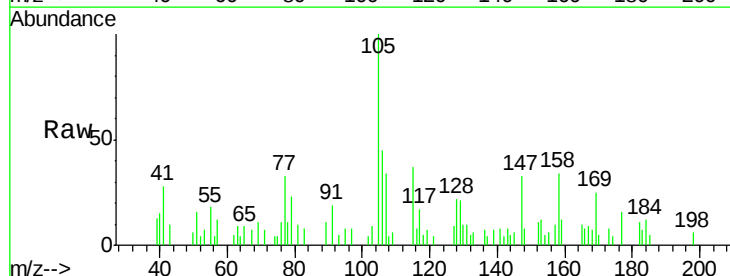


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

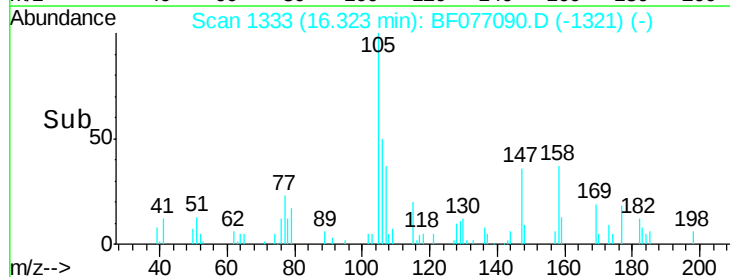
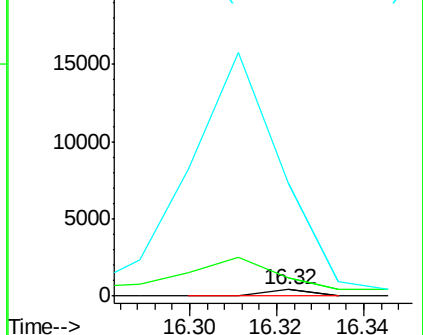


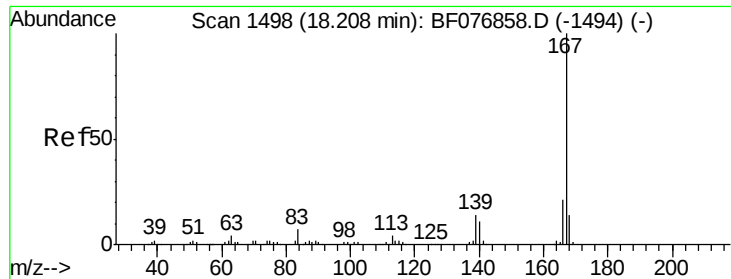
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.68 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.03 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Tgt Ion:198 Resp: 284
 Ion Ratio Lower Upper
 198 100
 51 290.8 24.2 64.2#
 105 1764.7 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#72

Carbazole

Concen: 5.83 ng

RT: 18.04 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

Instrument :

BNA_F

ClientSampleId :

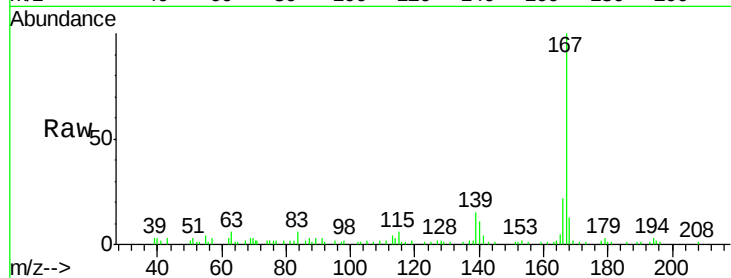
Tot Ion:167 Resp: 38121

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

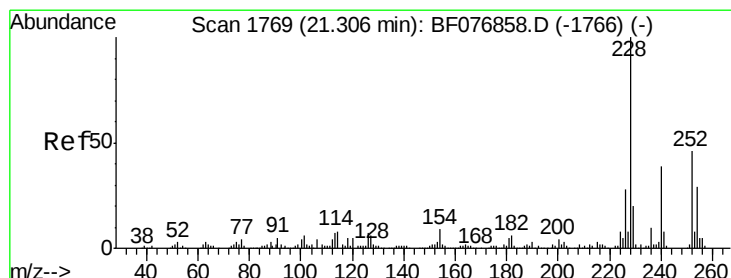
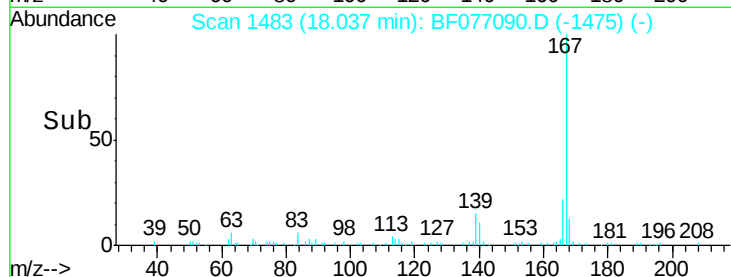
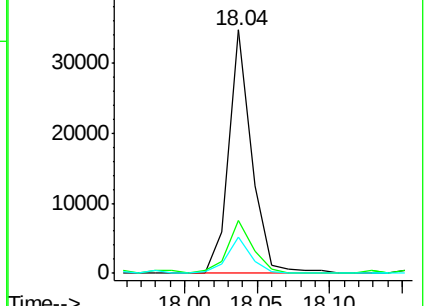
139 15.0 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077090.D

Acq: 27 Jan 2015 18:11

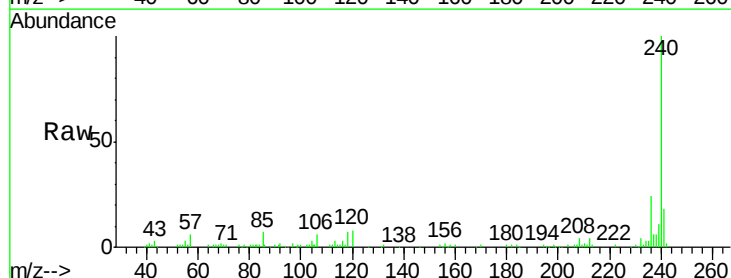
Tgt Ion:240 Resp: 112919

Ion Ratio Lower Upper

240 100

120 8.2 10.4 15.6#

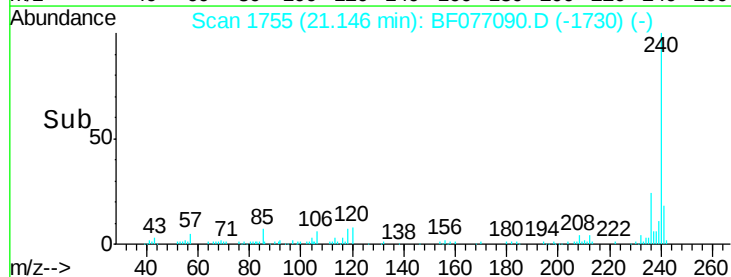
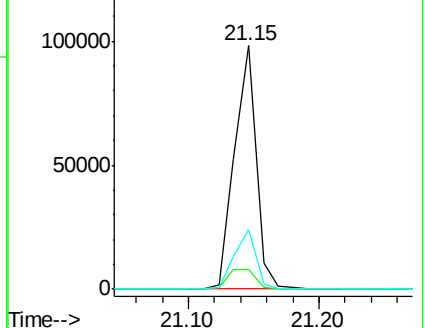
236 24.5 20.2 30.2

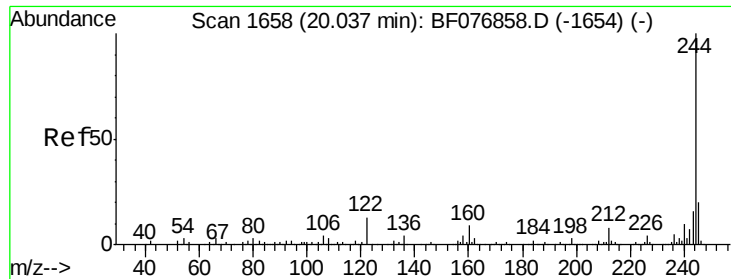


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

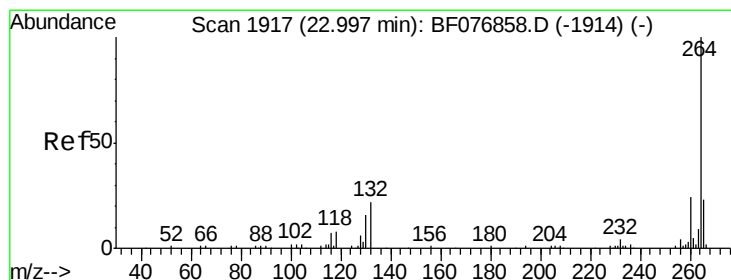
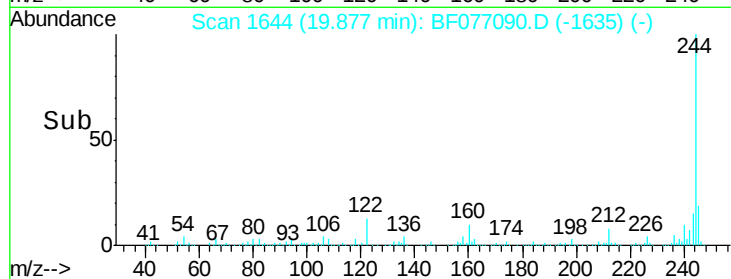
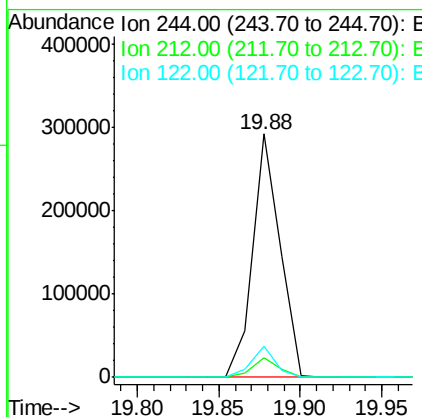
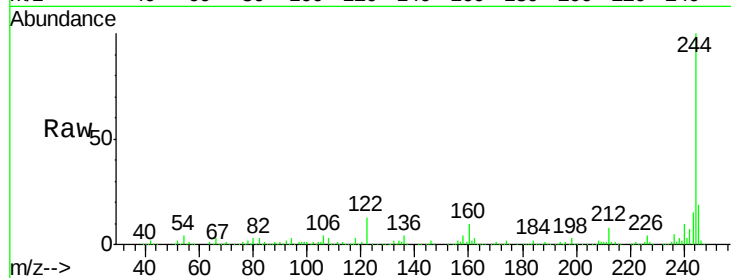




#78
 Terphenyl-d14
 Concen: 69.70 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	12.7	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.85 min Scan# 1904
 Delta R.T. -0.11 min
 Lab File: BF077090.D
 Acq: 27 Jan 2015 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.2	18.1	27.1

