

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077112.D
 Acq On : 28 Jan 2015 20:57
 Operator : TP/IZ
 Sample : G1137-02DL 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 02:33:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

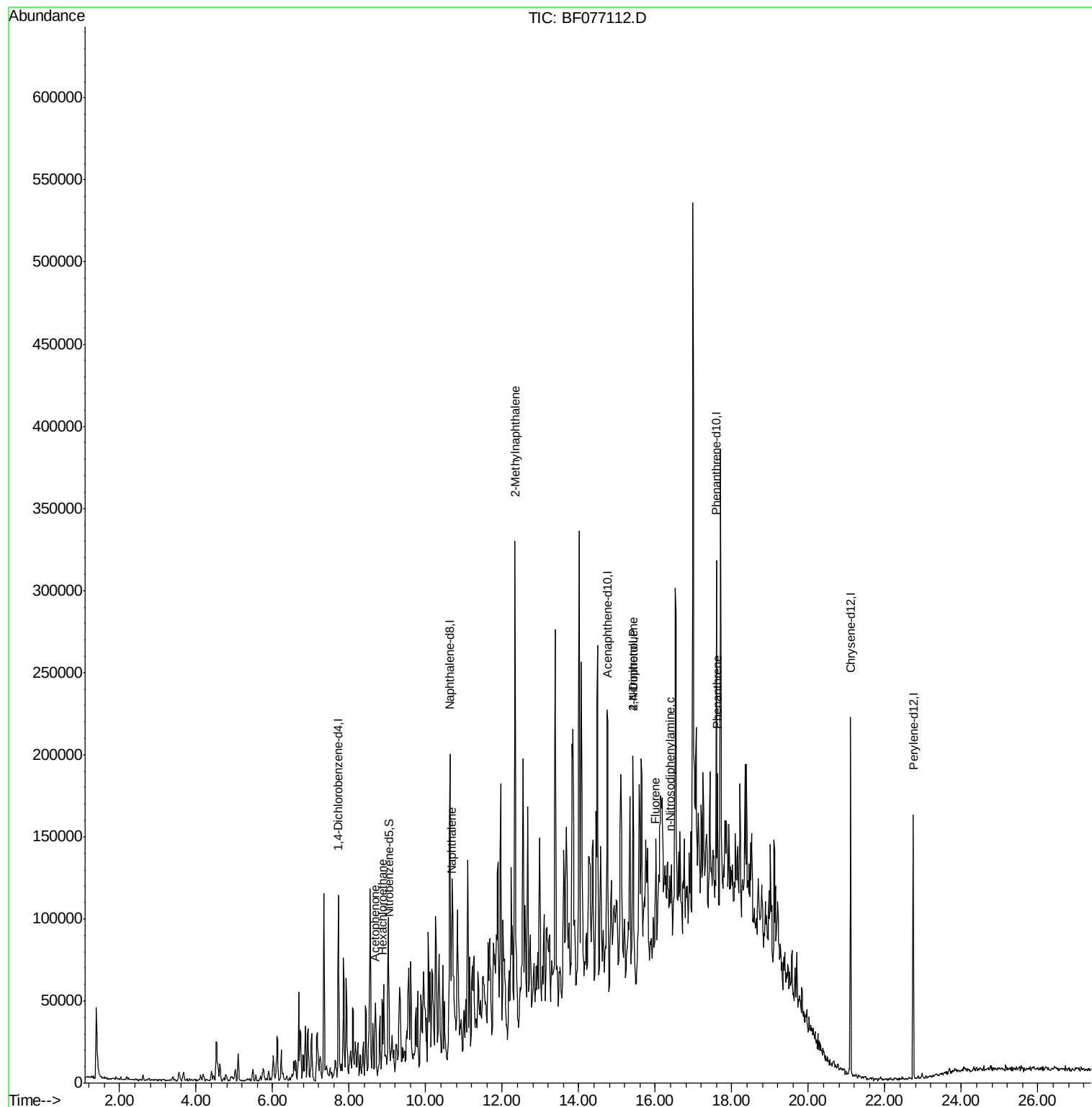
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	28813	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	121011	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	57680	20.00	ng	0.01
63) Phenanthrene-d10	17.59	188	98884	20.00	ng	0.00
75) Chrysene-d12	21.10	240	93105	20.00	ng	0.00
86) Perylene-d12	22.75	264	88852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.78	112	3122	1.78	ng	0.02
7) Phenol-d6	7.17	99	4009	1.81	ng	0.02
23) Nitrobenzene-d5	9.03	82	4550	2.08	ng	0.01
41) 2,4,6-Tribromophenol	16.48	330	837	1.79	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	6503	1.72	ng	0.00
78) Terphenyl-d14	19.83	244	5728	1.42	ng	-0.01
Target Compounds						
18) Hexachloroethane	8.86	117	2025	2.39	ng	# 1
22) Acetophenone	8.68	105	20073	6.77	ng	# 56
31) Naphthalene	10.68	128	47804	7.67	ng	97
37) 2-Methylnaphthalene	12.33	142	125067	29.40	ng	95
55) 4-Nitrophenol	15.42	139	4340	6.77	ng	# 54
56) 2,4-Dinitrotoluene	15.42	165	2584	4.13	ng	# 49
57) Fluorene	16.00	166	13061	3.14	ng	# 88
65) n-Nitrosodiphenylamine	16.38	169	10578	3.00	ng	# 35
70) Phenanthrene	17.63	178	36686	5.95	ng	95

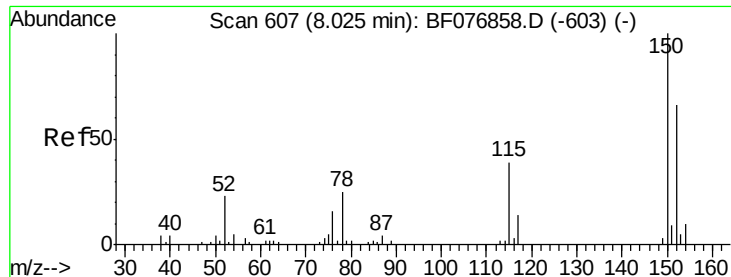
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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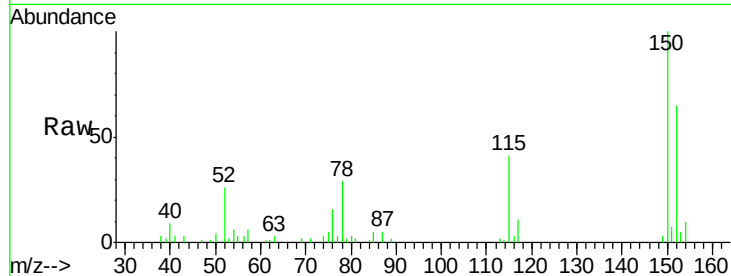


#1

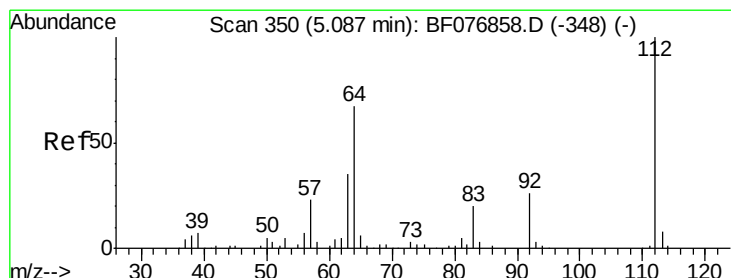
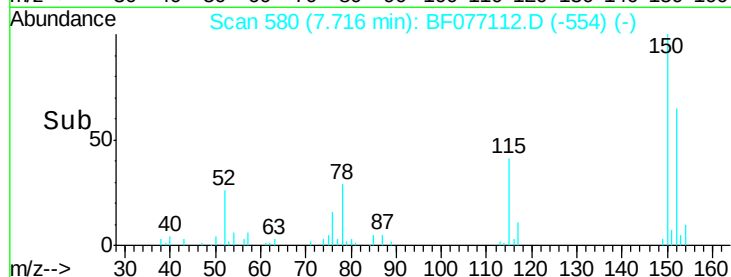
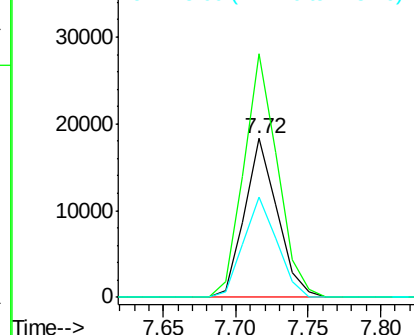
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077112.D
Acq: 28 Jan 2015 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28813
Ion Ratio Lower Upper
152 100
150 153.2 121.7 182.5
115 62.9 47.0 70.6



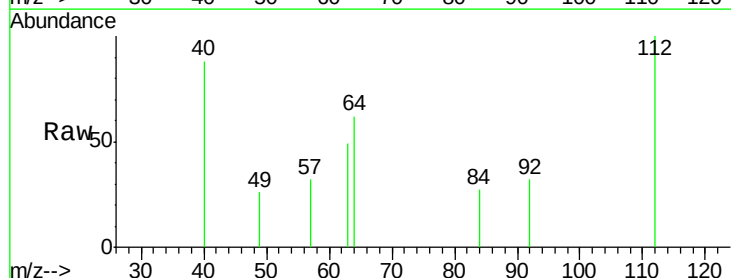
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



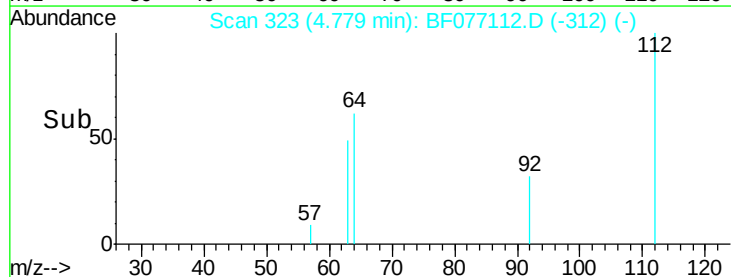
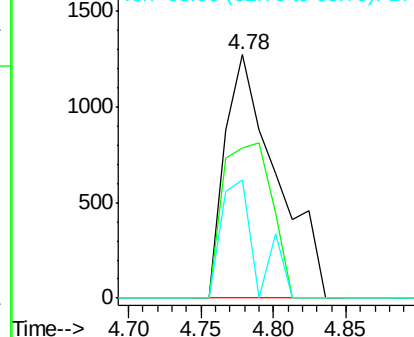
#5

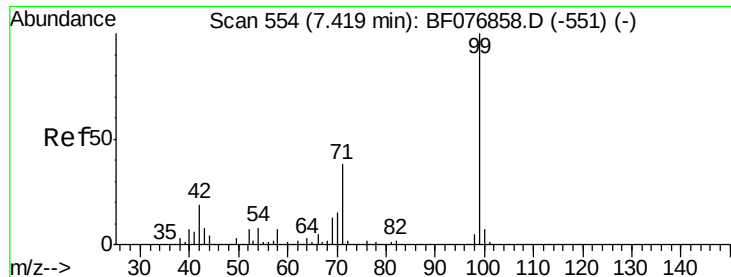
2-Fluorophenol
Concen: 1.78 ng
RT: 4.78 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF077112.D
Acq: 28 Jan 2015 20:57

Tgt Ion:112 Resp: 3122
Ion Ratio Lower Upper
112 100
64 61.7 54.2 81.4
63 48.7 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: 1.81 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

Instrument :

BNA_F

ClientSampleId :

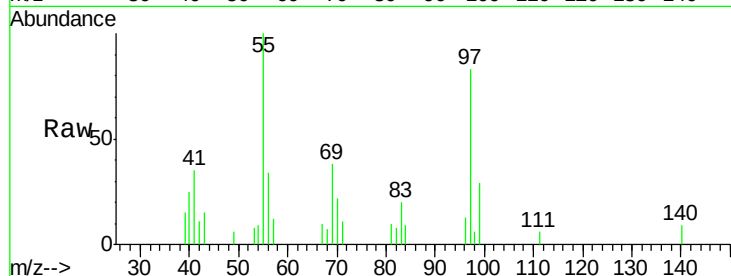
Tot Ion: 99 Resp: 4009

Ion Ratio Lower Upper

99 100

42 38.4 15.0 22.4#

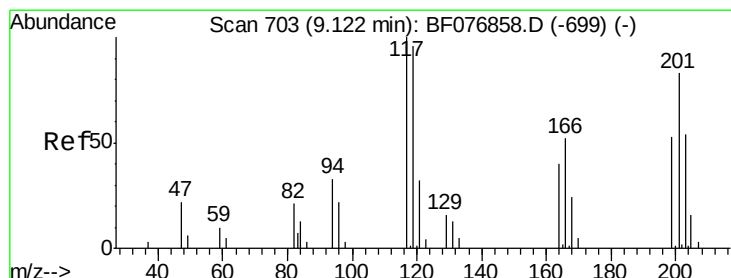
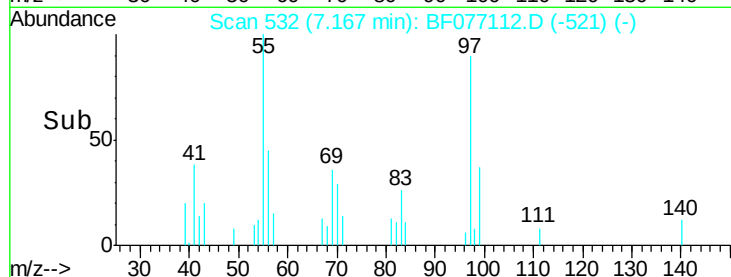
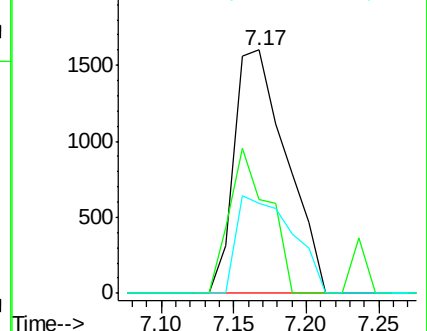
71 36.9 30.5 45.7



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



#18

Hexachloroethane

Concen: 2.39 ng

RT: 8.86 min Scan# 680

Delta R.T. 0.03 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

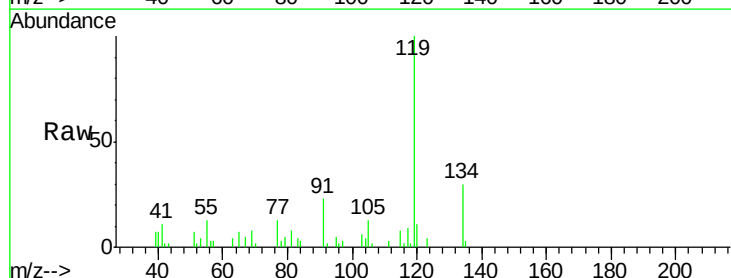
Tgt Ion: 117 Resp: 2025

Ion Ratio Lower Upper

117 100

119 1126.0 77.1 115.7#

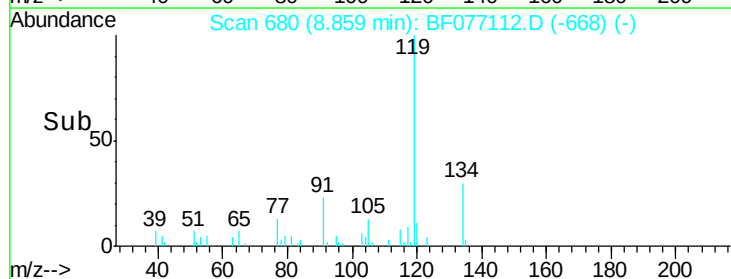
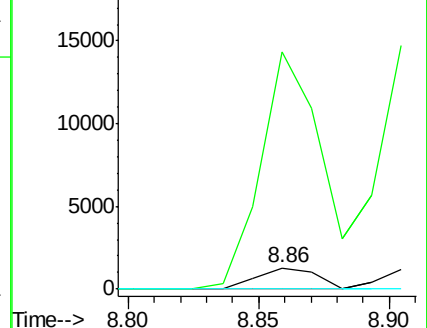
201 0.0 66.8 100.2#

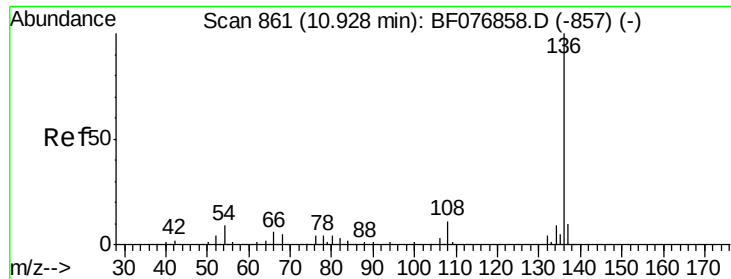


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 121011

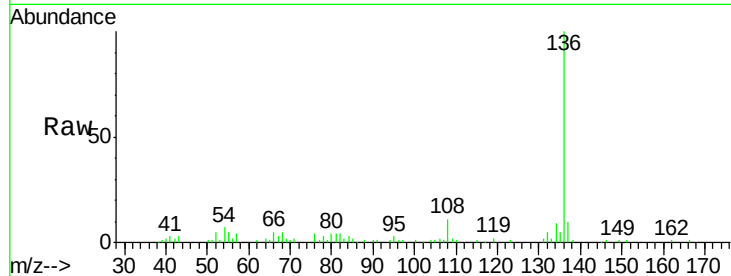
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 7.0 7.0 10.4

68 5.0 3.7 5.5

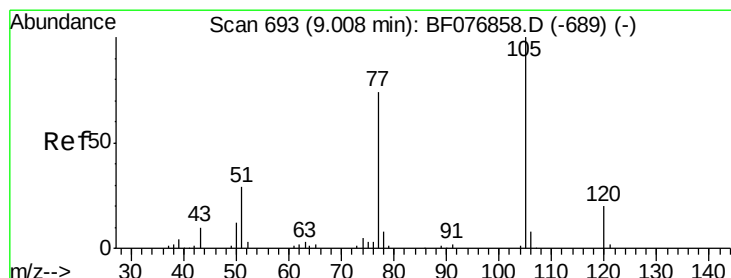
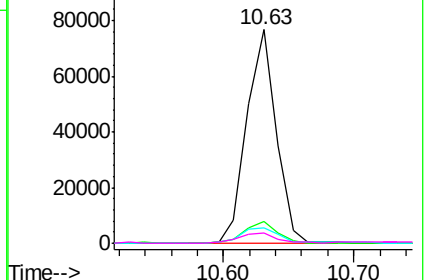
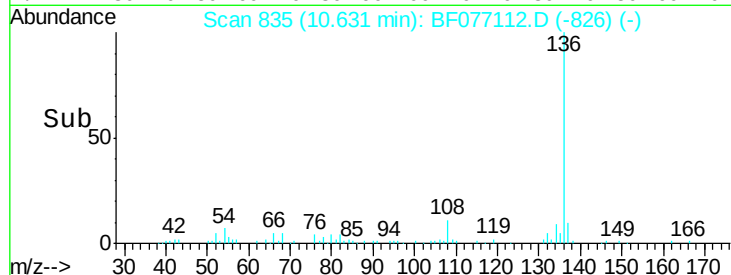


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.77 ng

RT: 8.68 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

Tgt Ion:105 Resp: 20073

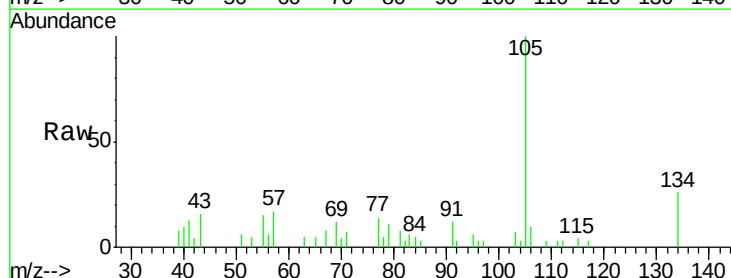
Ion Ratio Lower Upper

105 100

71 6.9 0.0 0.0#

51 5.5 23.3 34.9#

120 0.0 16.1 24.1#

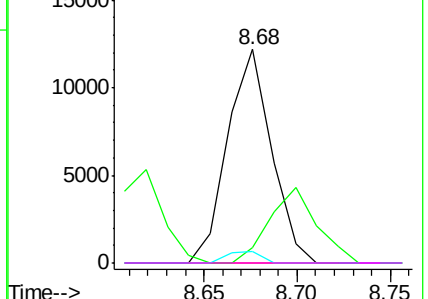
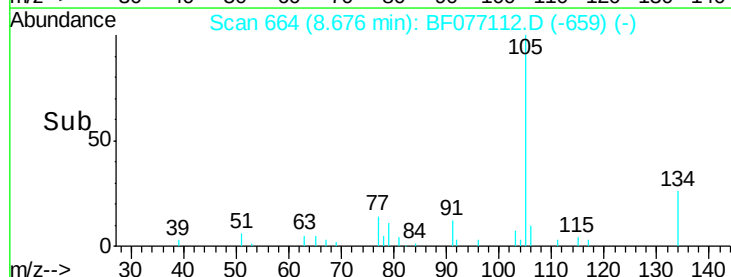


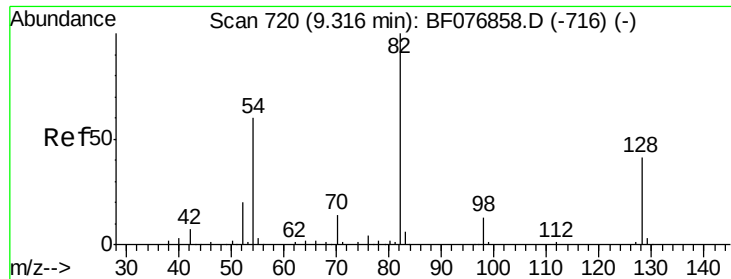
Abundance Ion 105.00 (104.70 to 105.70): E

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

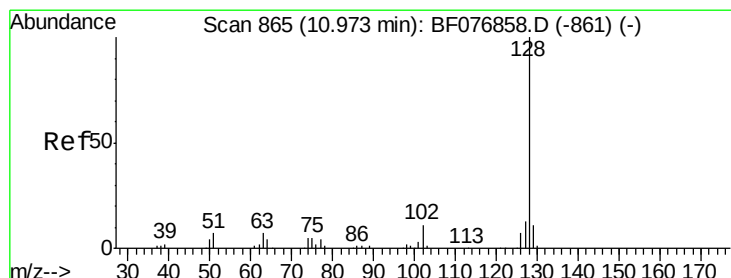
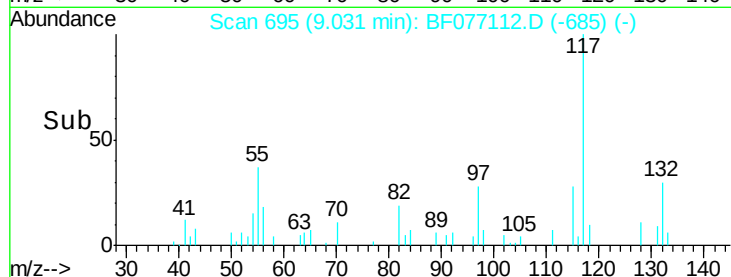
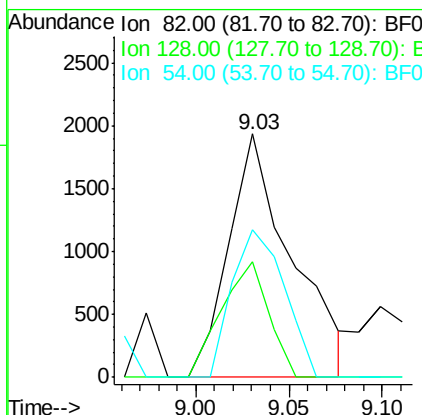
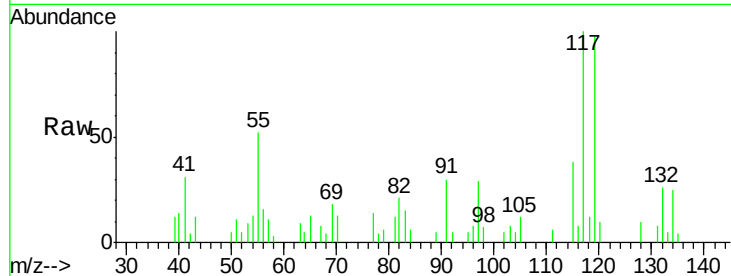




#23
 Nitrobenzene-d5
 Concen: 2.08 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

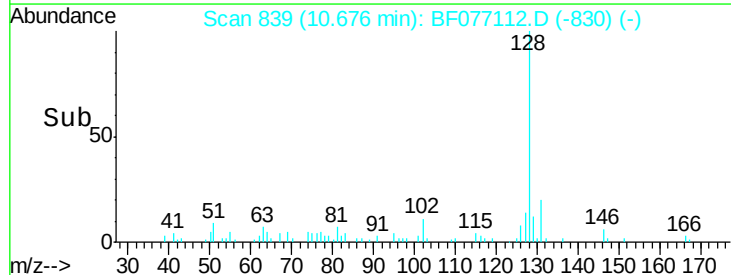
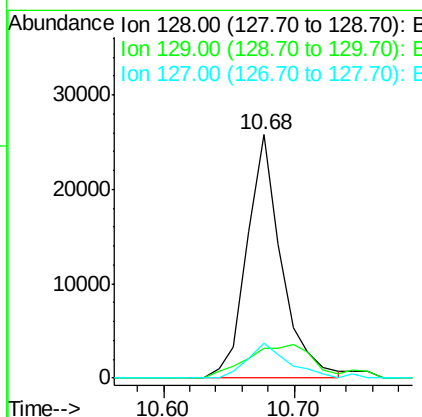
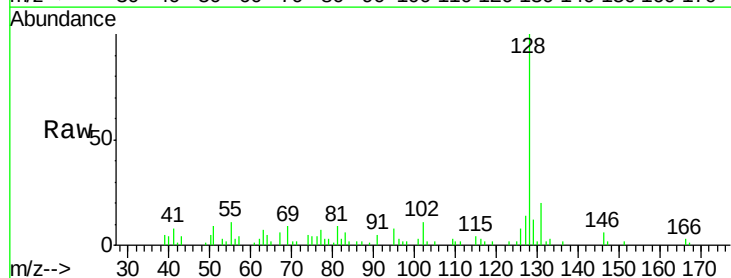
Instrument :
 BNA_F
 ClientSampleId :

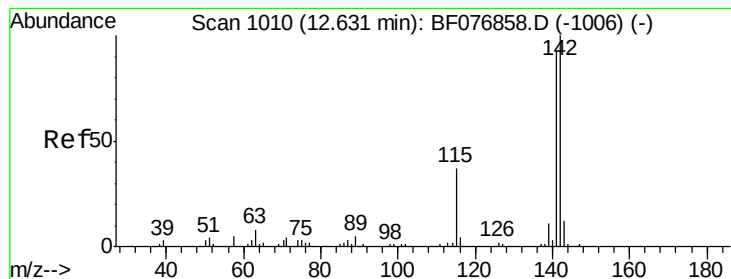
Tot Ion:	82	Resp:	4550
Ion	Ratio	Lower	Upper
82	100		
128	47.3	33.1	49.7
54	60.8	48.3	72.5



#31
 Naphthalene
 Concen: 7.67 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

Tgt Ion:	128	Resp:	47804
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	14.3	10.2	15.2





#37

2-Methylnaphthalene

Concen: 29.40 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

Instrument :

BNA_F

ClientSampled :

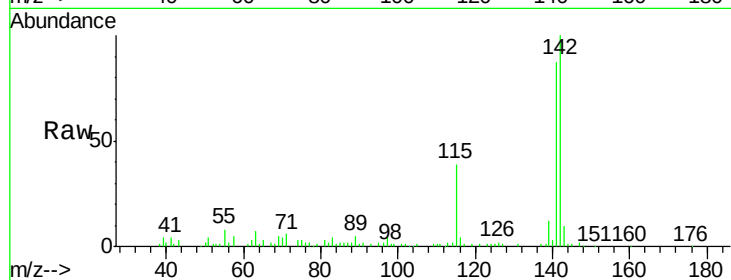
Tot Ion:142 Resp: 125067

Ion Ratio Lower Upper

142 100

141 87.3 74.5 111.7

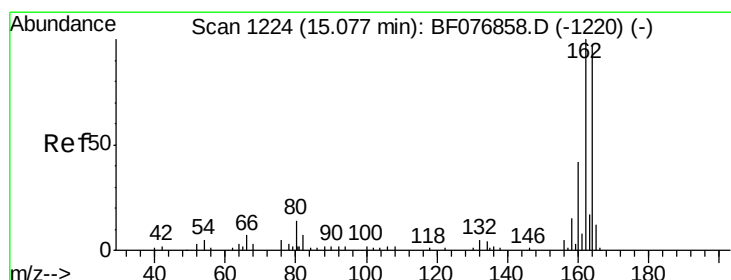
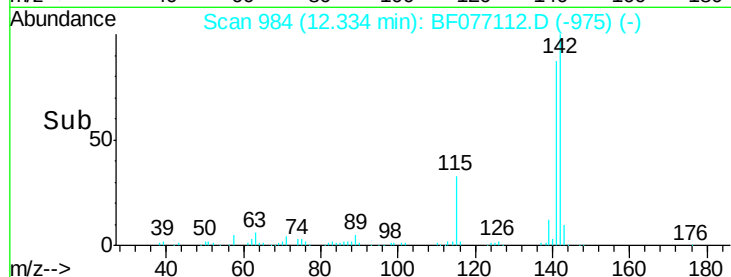
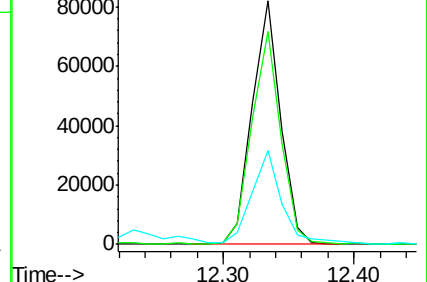
115 38.7 29.7 44.5



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: 14.76 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF077112.D

Acq: 28 Jan 2015 20:57

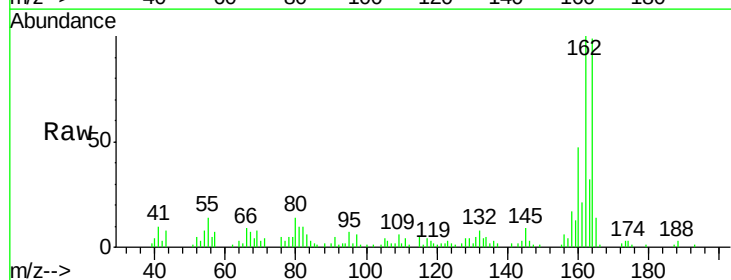
Tgt Ion:164 Resp: 57680

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

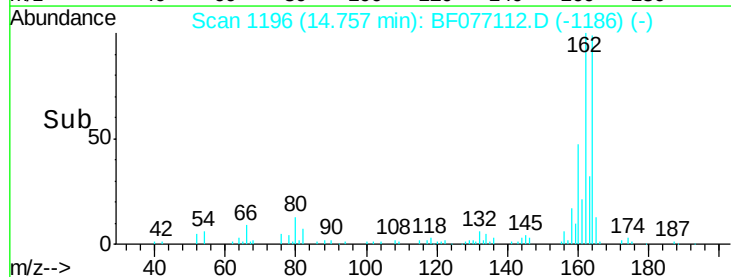
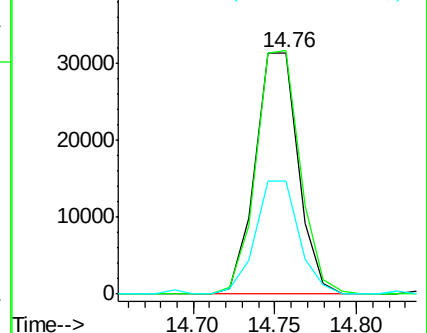
160 47.1 34.8 52.2

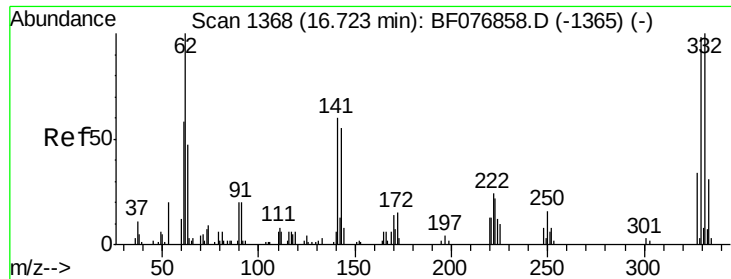


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

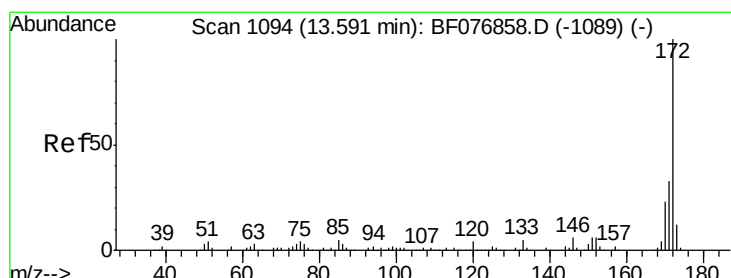
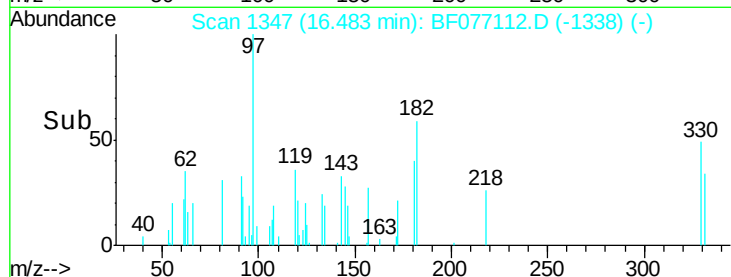
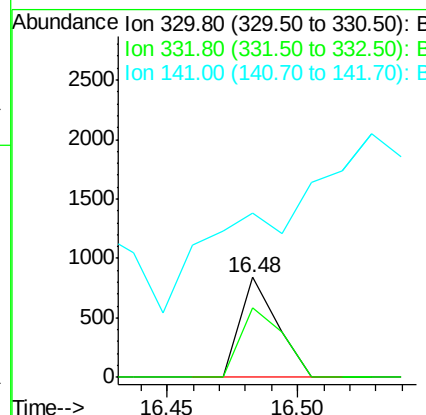
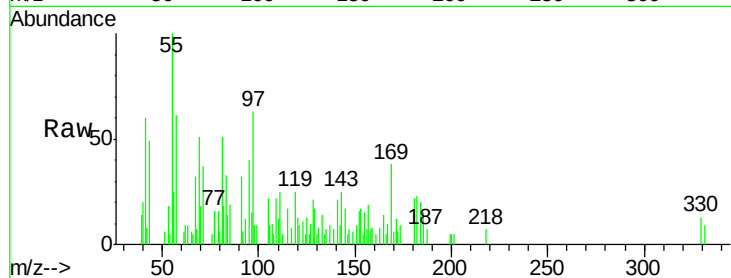




#41
 2,4,6-Tribromophenol
 Concen: 1.79 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

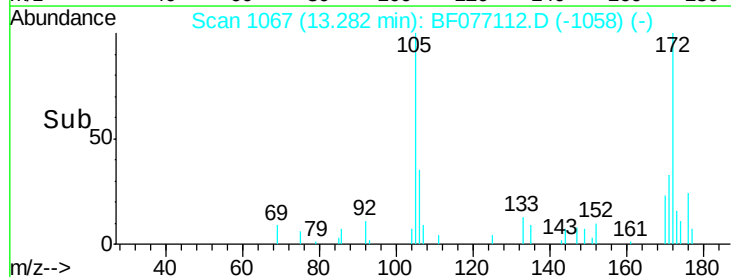
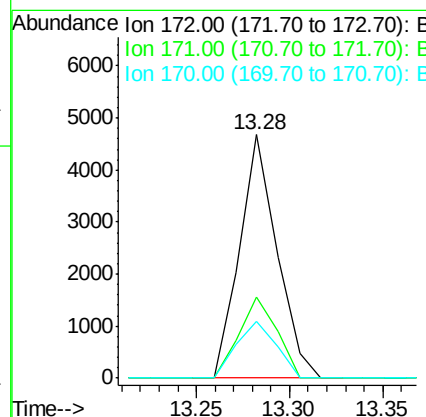
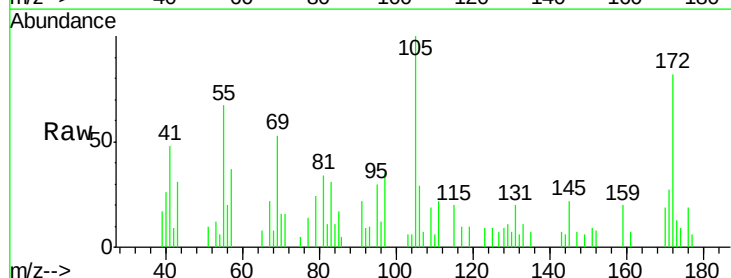
Instrument :
 BNA_F
 ClientSampled :

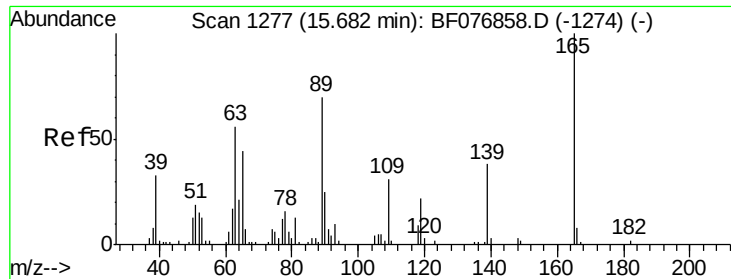
Tot Ion:330 Resp: 837
 Ion Ratio Lower Upper
 330 100
 332 79.0 77.8 116.6
 141 0.0 38.5 57.7#



#44
 2-Fluorobiphenyl
 Concen: 1.72 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

Tgt Ion:172 Resp: 6503
 Ion Ratio Lower Upper
 172 100
 171 33.1 26.6 40.0
 170 23.4 18.0 27.0

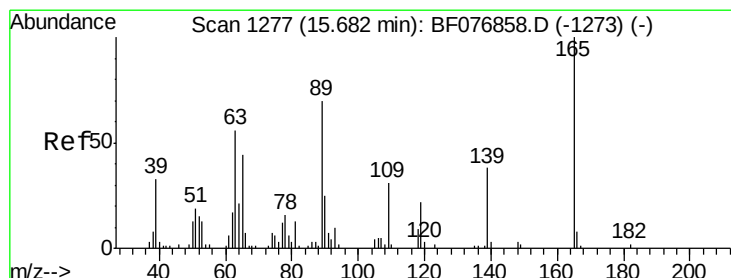
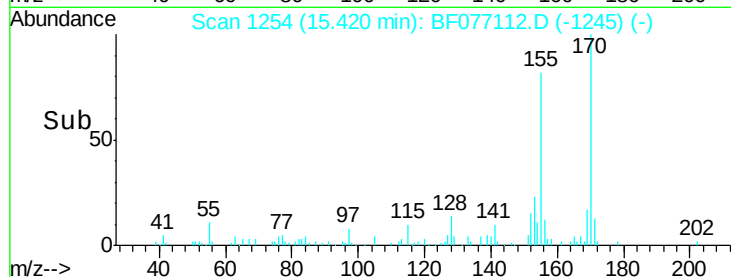
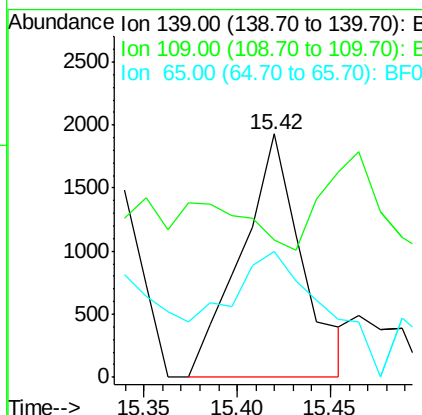
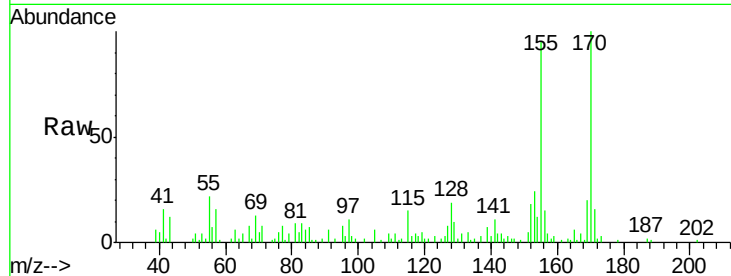




#55
4-Nitrophenol
Concen: 6.77 ng
RT: 15.42 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF077112.D
Acq: 28 Jan 2015 20:57

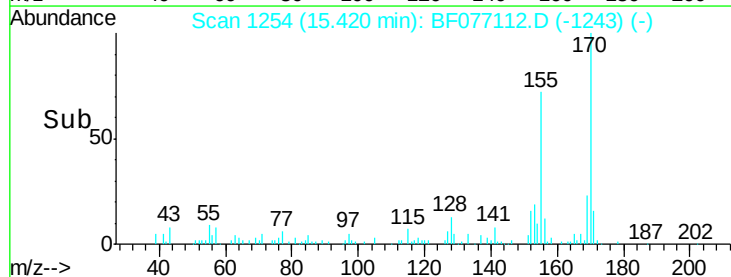
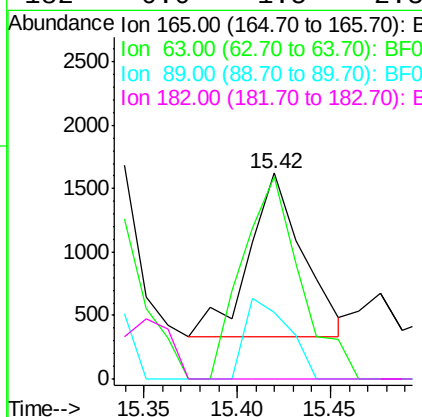
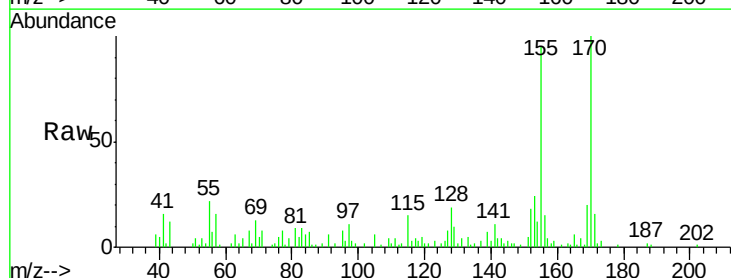
Instrument :
BNA_F
ClientSampleId :

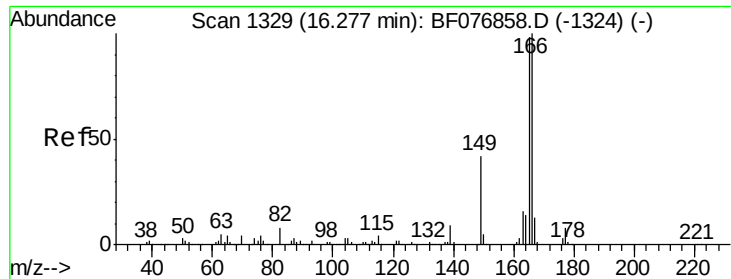
Tot Ion:139 Resp: 4340
Ion Ratio Lower Upper
139 100
109 56.3 61.0 101.0#
65 51.8 96.6 136.6#



#56
2,4-Dinitrotoluene
Concen: 4.13 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF077112.D
Acq: 28 Jan 2015 20:57

Tgt Ion:165 Resp: 2584
Ion Ratio Lower Upper
165 100
63 98.0 44.8 67.2#
89 32.2 56.2 84.2#
182 0.0 1.5 2.3#

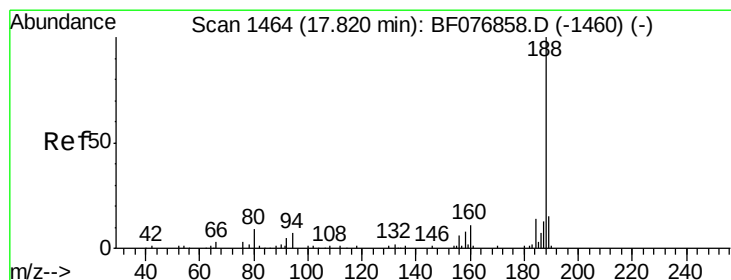
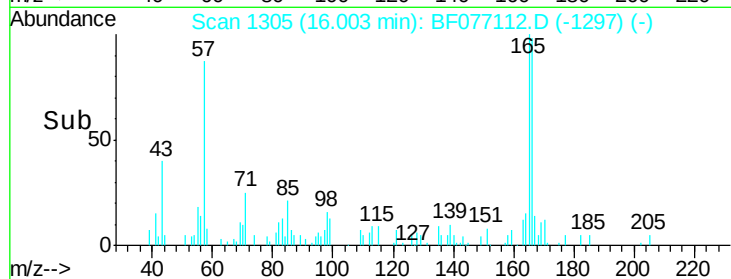
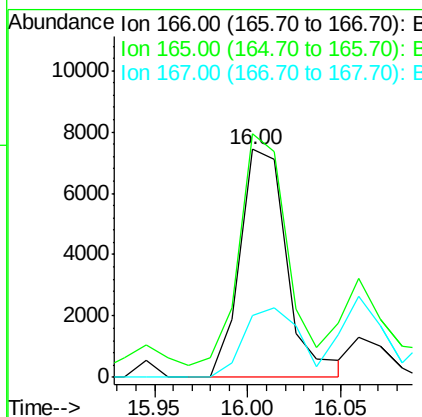
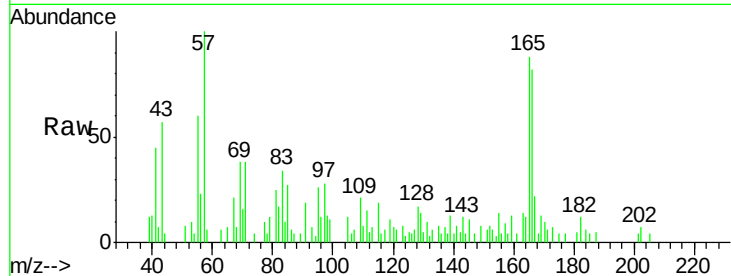




#57
 Fluorene
 Concen: 3.14 ng
 RT: 16.00 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

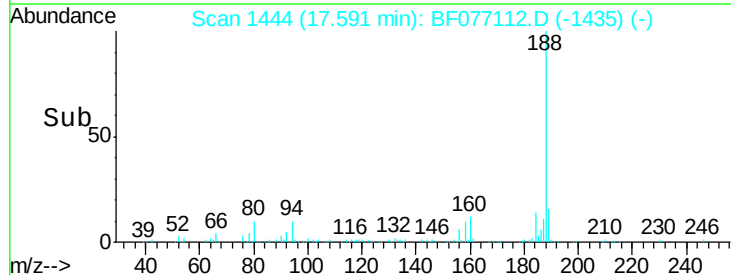
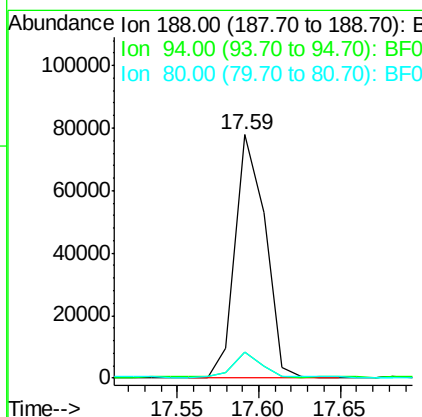
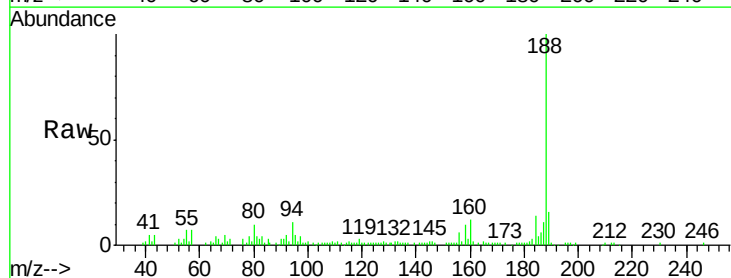
Instrument :
 BNA_F
 ClientSampled :

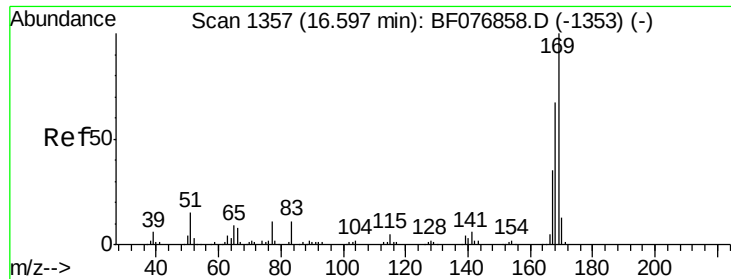
Tot Ion:166 Resp: 13061
 Ion Ratio Lower Upper
 166 100
 165 106.9 78.5 117.7
 167 27.3 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

Tgt Ion:188 Resp: 98884
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.0 9.0#
 80 10.5 6.9 10.3#

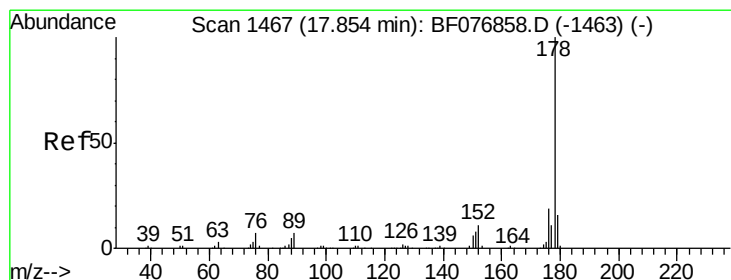
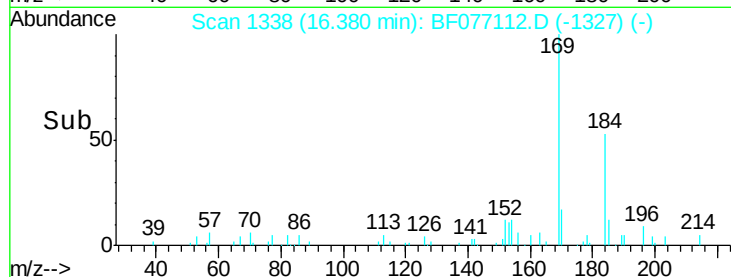
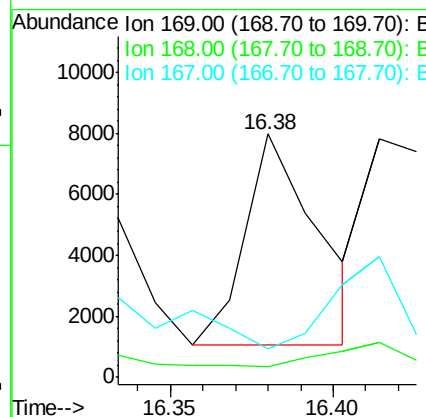
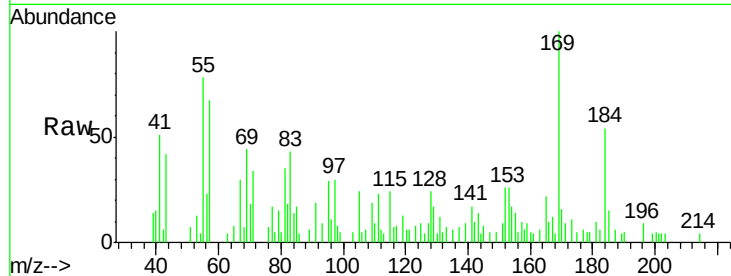




#65
 n-Nitrosodiphenylamine
 Concen: 3.00 ng
 RT: 16.38 min Scan# 1338
 Delta R.T. 0.02 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

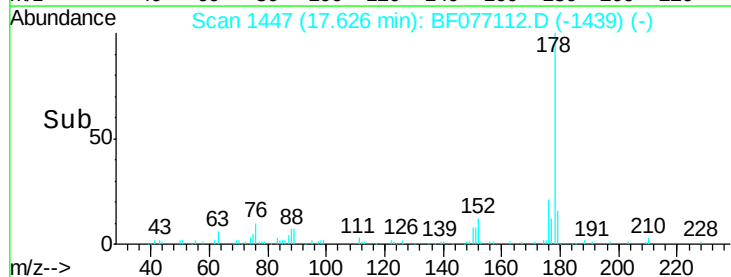
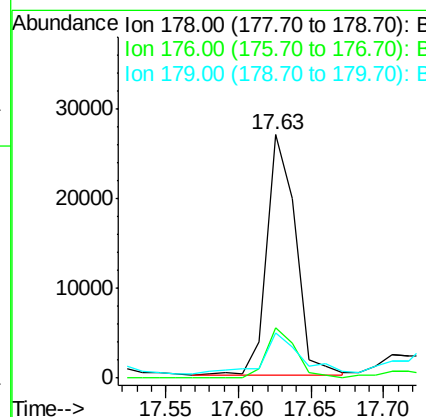
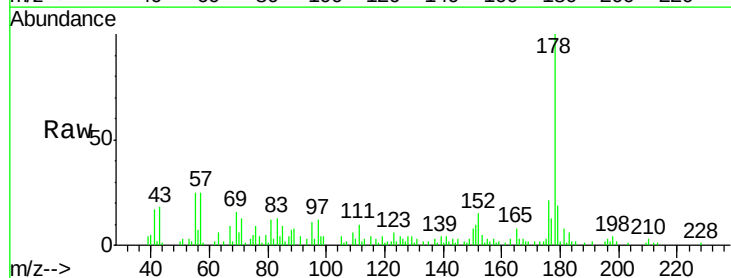
Instrument :
 BNA_F
 ClientSampleId :

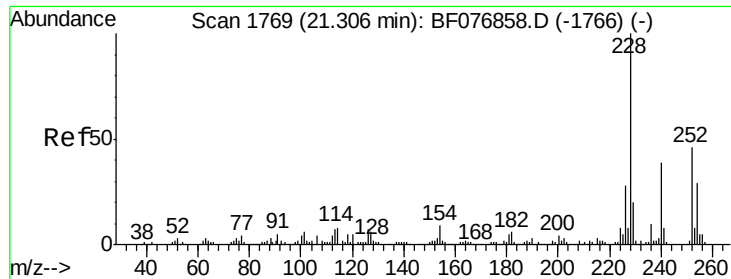
Tot Ion:169 Resp: 10578
 Ion Ratio Lower Upper
 169 100
 168 4.2 53.8 80.6#
 167 11.8 27.8 41.6#



#70
 Phenanthrene
 Concen: 5.95 ng
 RT: 17.63 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

Tgt Ion:178 Resp: 36686
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.1 22.7
 179 18.6 12.7 19.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077112.D

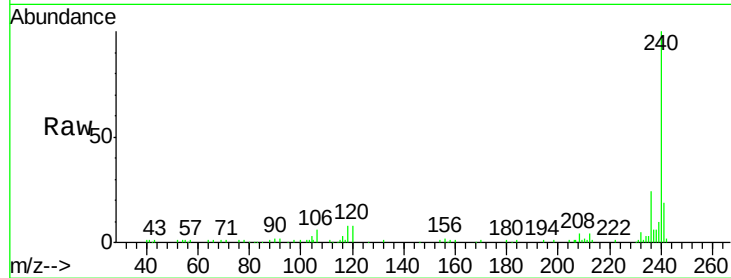
Acq: 28 Jan 2015 20:57

Instrument :

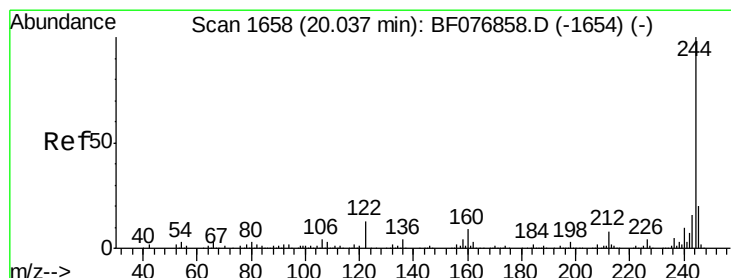
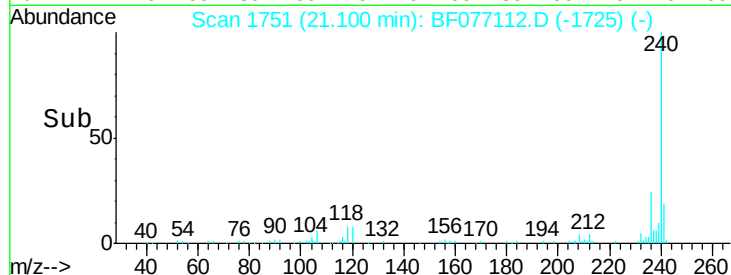
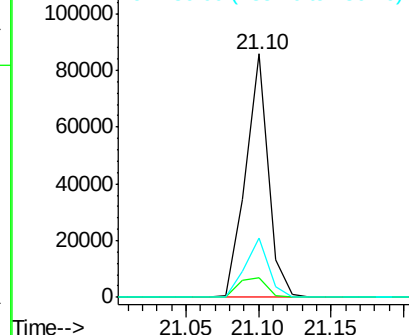
BNA_F

ClientSampleId :

Tot Ion:240	Resp:	93105
Ion Ratio	Lower	Upper
240	100	
120	8.3	10.4 15.6#
236	24.1	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: 1.42 ng

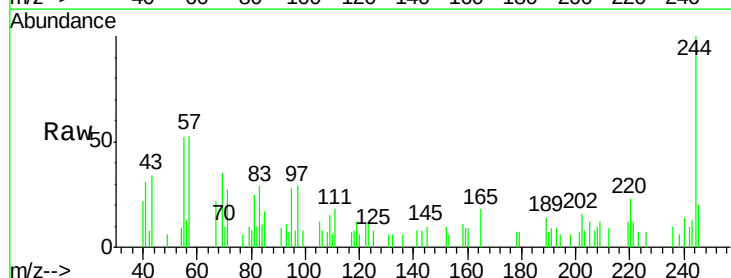
RT: 19.83 min Scan# 1640

Delta R.T. -0.01 min

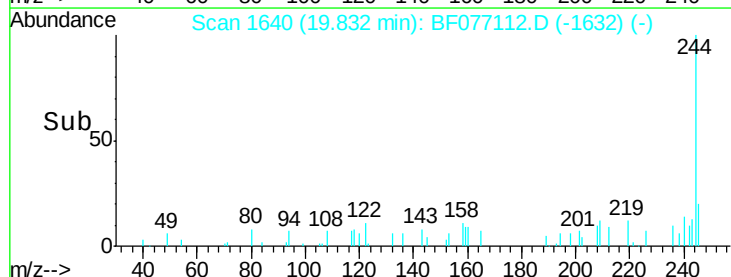
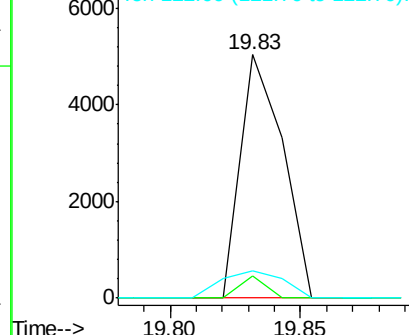
Lab File: BF077112.D

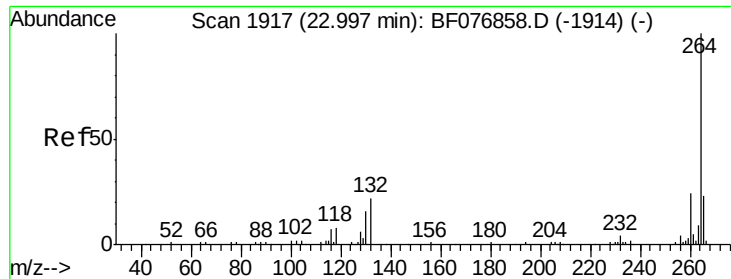
Acq: 28 Jan 2015 20:57

Tgt Ion:244	Resp:	5728
Ion Ratio	Lower	Upper
244	100	
212	9.0	6.3 9.5
122	11.4	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

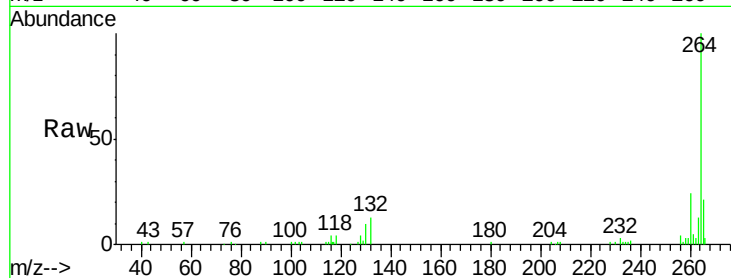




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.75 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BF077112.D
 Acq: 28 Jan 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 88852
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.5 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

