

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080390.D
 Acq On : 8 Jul 2015 16:23
 Operator : TP/UM
 Sample : G2905-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB3

Quant Time: Jul 09 00:59:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

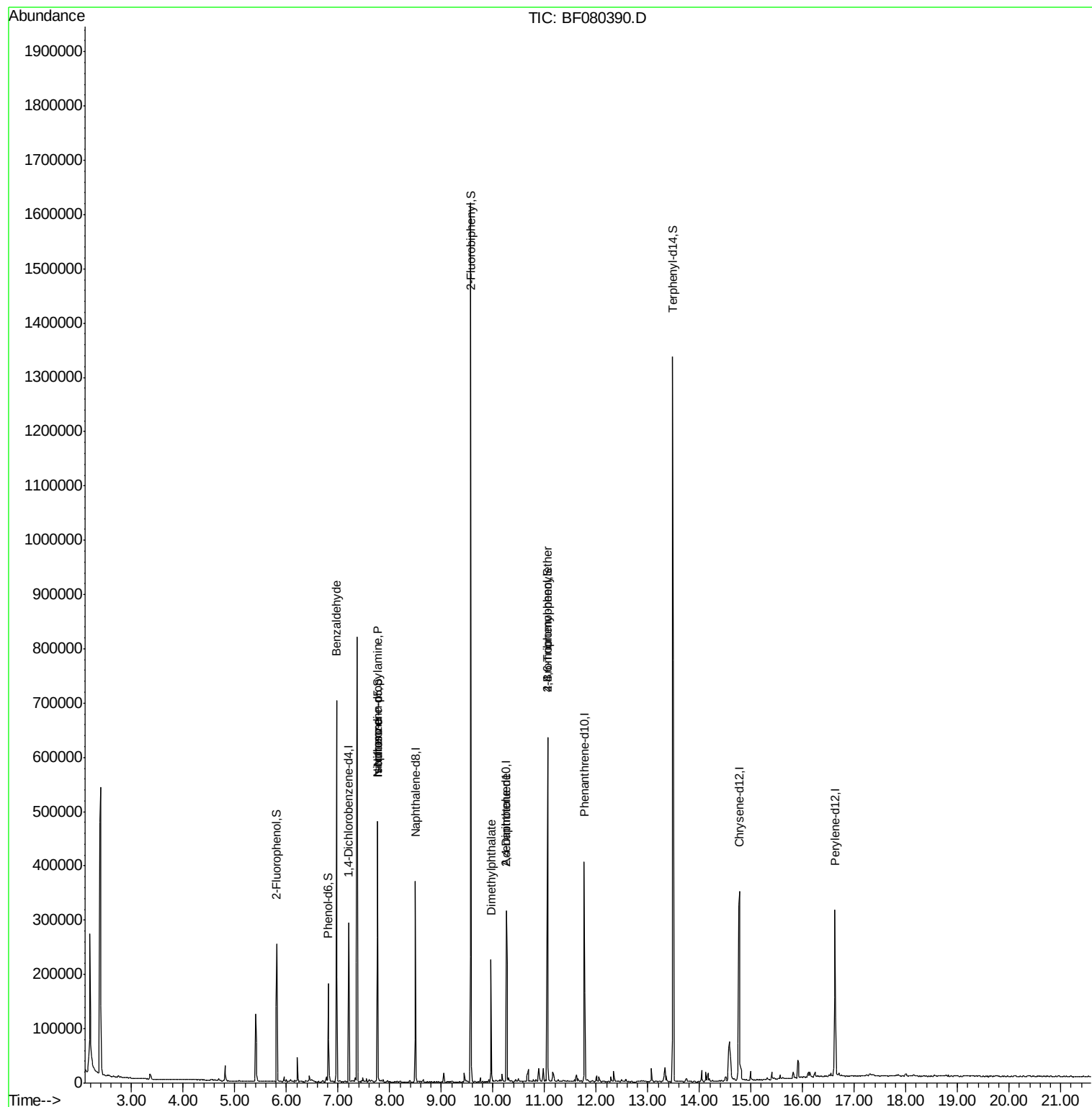
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	41037	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	156396	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	76302	20.00	ng	-0.01
63) Phenanthrene-d10	11.77	188	162258	20.00	ng	-0.01
75) Chrysene-d12	14.77	240	187576	20.00	ng	-0.07
86) Perylene-d12	16.63	264	163918	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	84135	37.55	ng	0.00
7) Phenol-d6	6.81	99	65487	22.05	ng	-0.01
23) Nitrobenzene-d5	7.77	82	178801	66.68	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	80728	101.11	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	446828	79.03	ng	0.00
78) Terphenyl-d14	13.48	244	544233	67.68	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.97	77	4236	2.56	ng	# 69
19) n-Nitroso-di-n-propylamine	7.77	70	22538	11.69	ng	# 78
25) Isophorone	7.77	82	178829	34.65	ng	# 69
49) Dimethylphthalate	9.96	163	82821	13.52	ng	99
56) 2,4-Dinitrotoluene	10.26	165	10234	6.21	ng	# 37
66) 4-Bromophenyl-phenylether	11.06	248	5678	3.05	ng	# 1

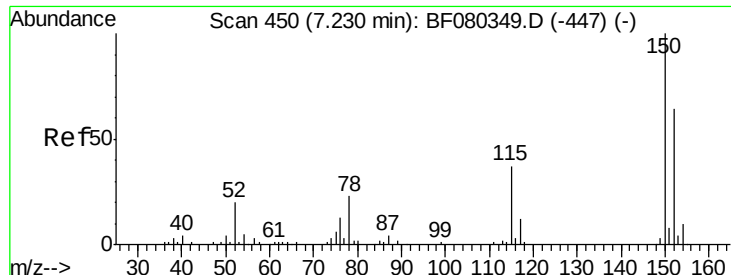
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080390.D

Acq: 8 Jul 2015 16:23

Instrument :

BNA_F

ClientSampleId :

RB3

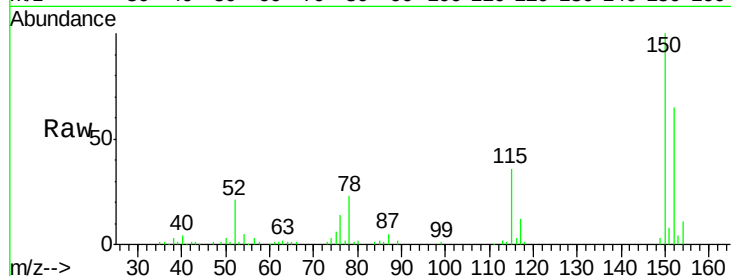
Tgt Ion:152 Resp: 41037

Ion Ratio Lower Upper

152 100

150 153.2 124.7 187.1

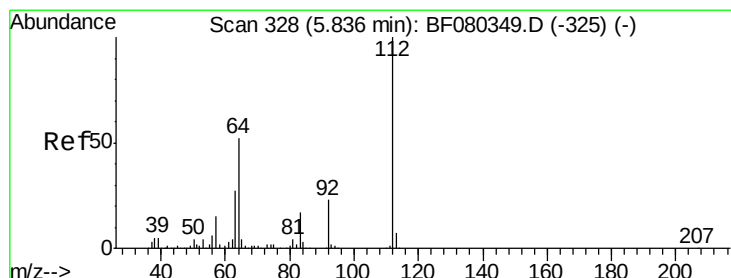
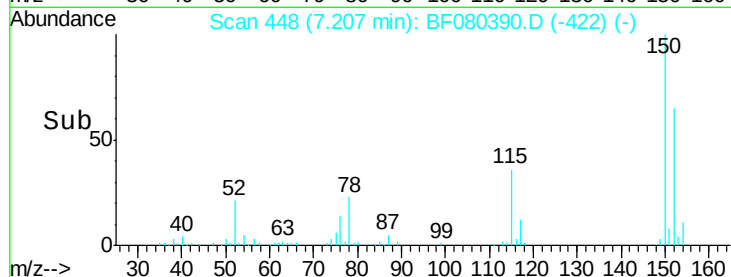
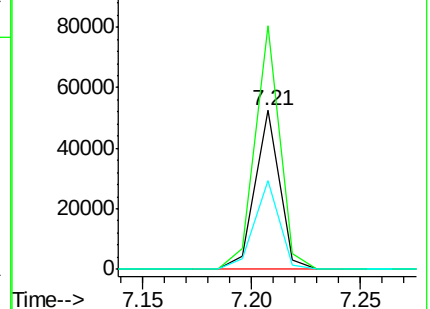
115 55.5 45.7 68.5



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: 37.55 ng

RT: 5.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080390.D

Acq: 8 Jul 2015 16:23

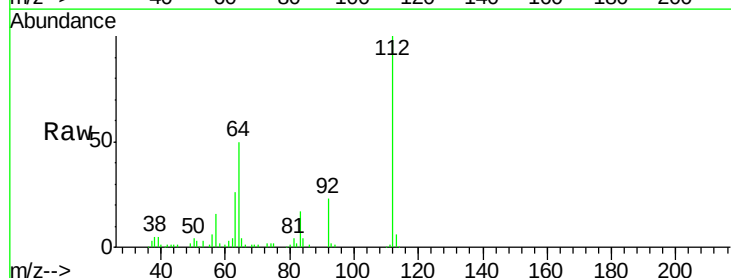
Tgt Ion:112 Resp: 84135

Ion Ratio Lower Upper

112 100

64 50.3 41.8 62.6

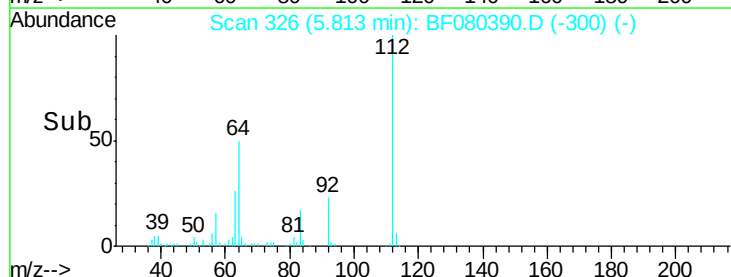
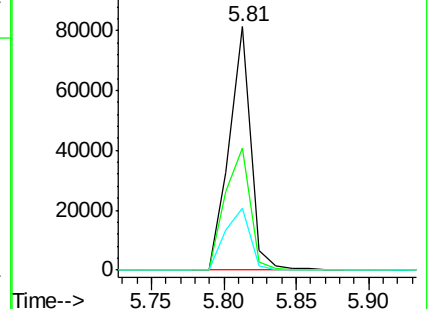
63 25.7 21.5 32.3

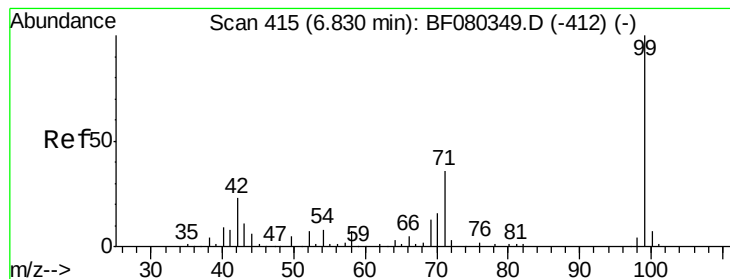


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.05 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF080390.D

Acq: 8 Jul 2015 16:23

Instrument :

BNA_F

ClientSampleId :

RB3

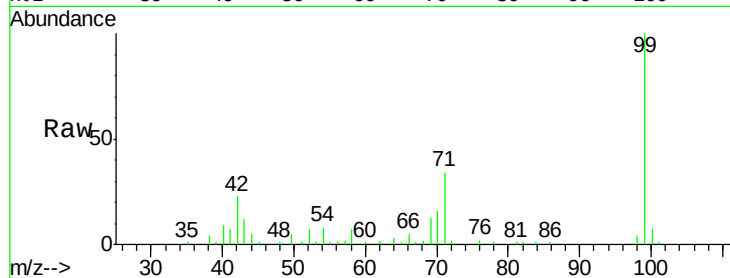
Tgt Ion: 99 Resp: 65487

Ion Ratio Lower Upper

99 100

42 22.7 18.5 27.7

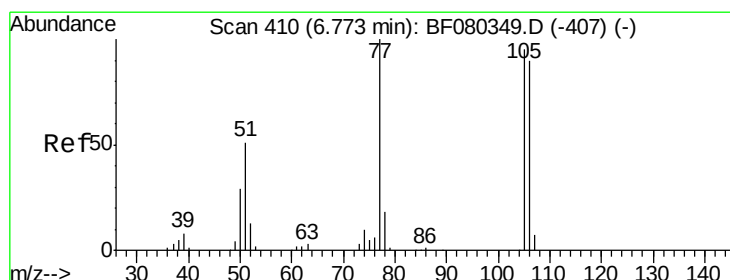
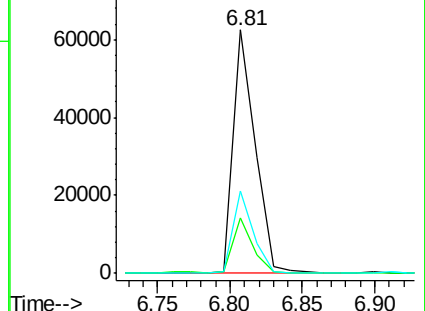
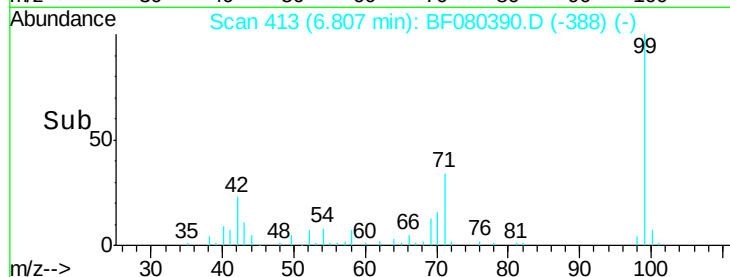
71 34.1 28.5 42.7



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



#9

Benzaldehyde

Concen: 2.56 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.22 min

Lab File: BF080390.D

Acq: 8 Jul 2015 16:23

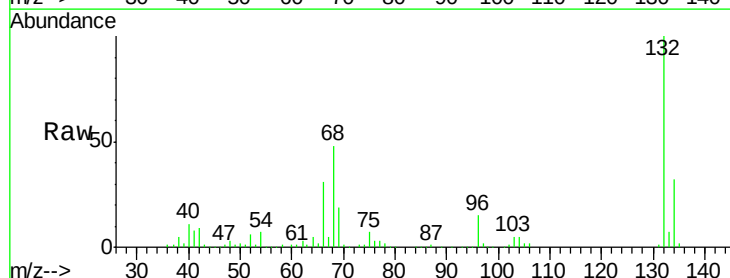
Tgt Ion: 77 Resp: 4236

Ion Ratio Lower Upper

77 100

105 64.0 75.2 115.2#

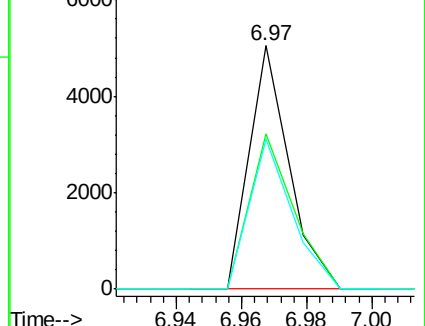
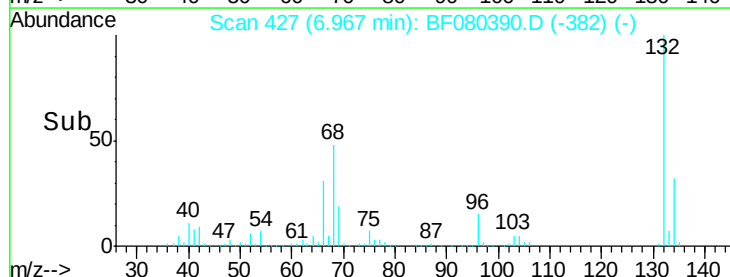
106 61.6 69.9 109.9#

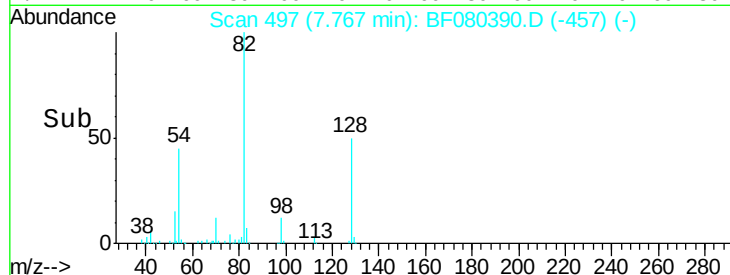
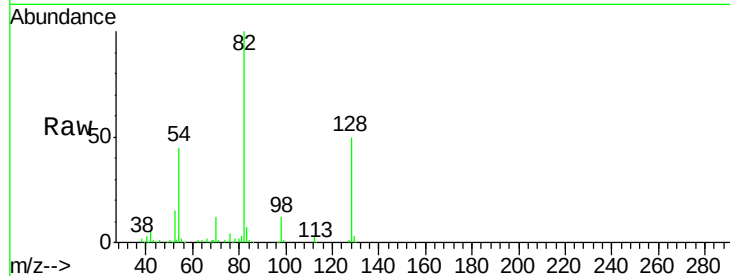
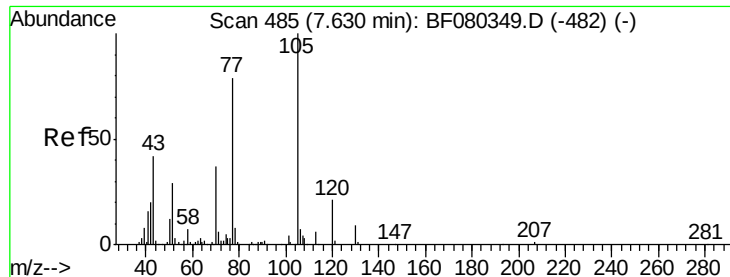


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

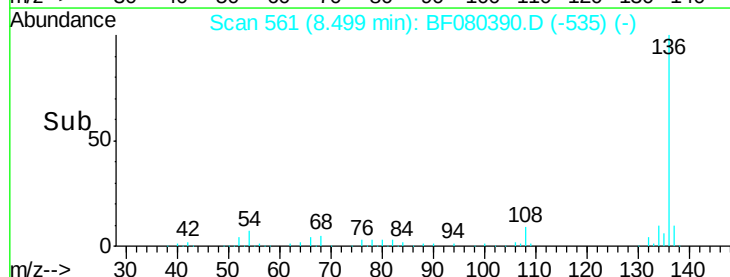
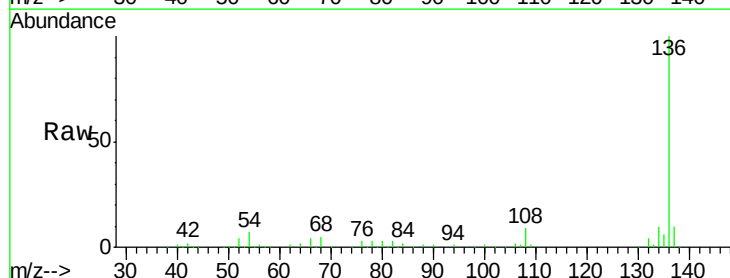
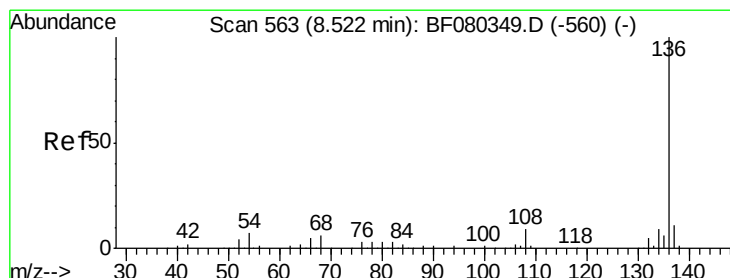
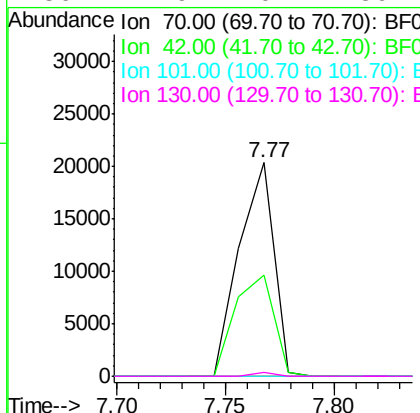




#19
n-Nitroso-di-n-propylamine
Concen: 11.69 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.16 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

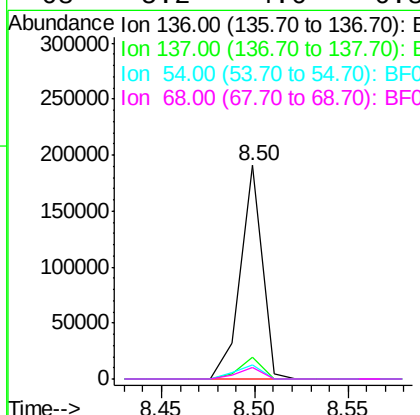
Instrument :
BNA_F
ClientSampleId :
RB3

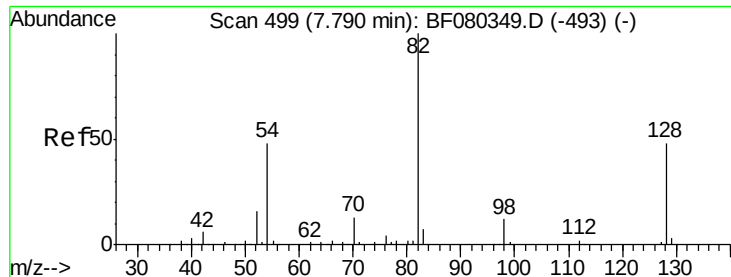
Tgt Ion: 70 Resp: 22538
Ion Ratio Lower Upper
70 100
42 47.2 43.0 64.6
101 0.0 8.3 12.5#
130 1.9 20.2 30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

Tgt Ion: 136 Resp: 156396
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 6.8 5.8 8.8
68 5.2 4.6 6.8

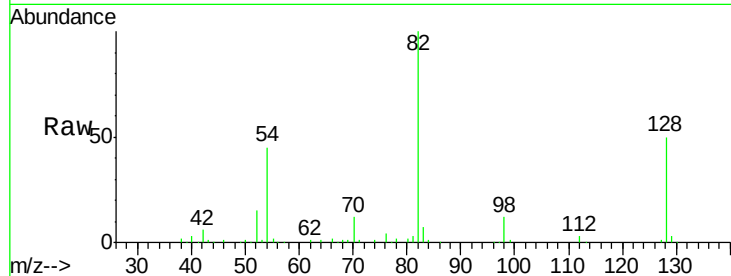




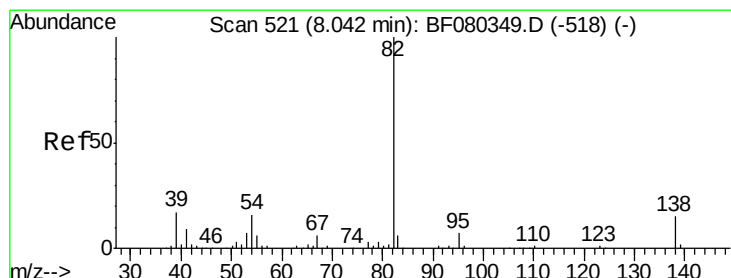
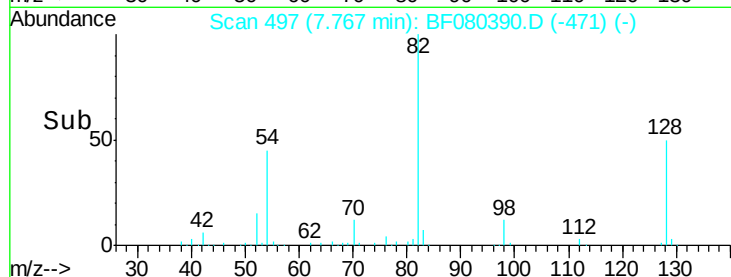
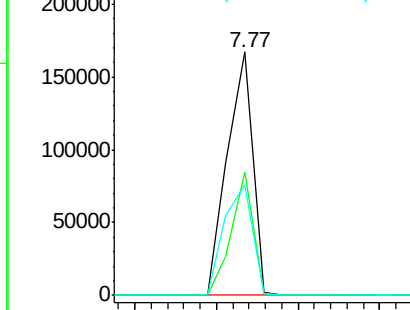
#23
 Nitrobenzene-d5
 Concen: 66.68 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 RB3

Tgt Ion: 82 Resp: 178801
 Ion Ratio Lower Upper
 82 100
 128 50.4 38.4 57.6
 54 45.2 38.2 57.2

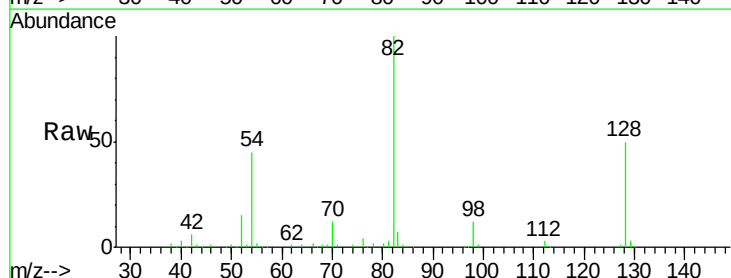


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

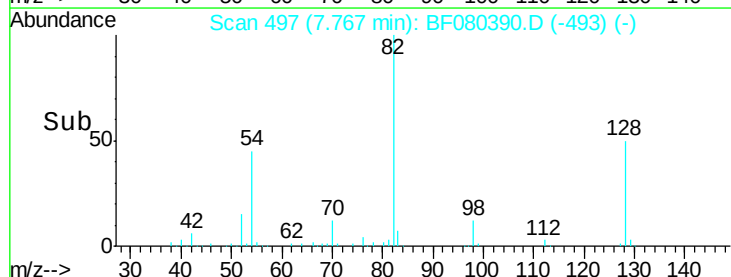
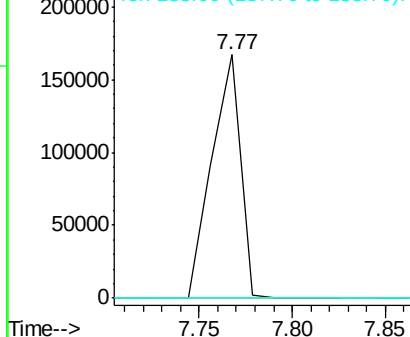


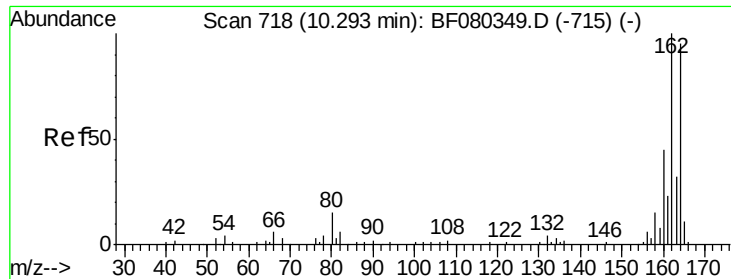
#25
 Isophorone
 Concen: 34.65 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.25 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Tgt Ion: 82 Resp: 178829
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

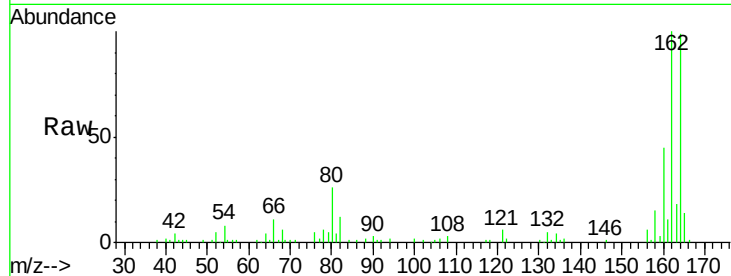




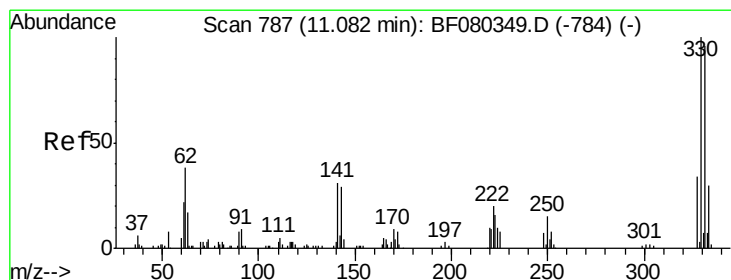
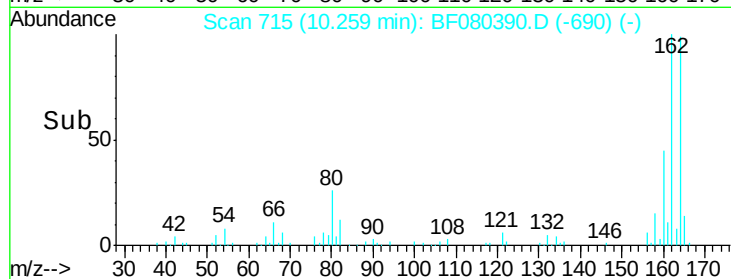
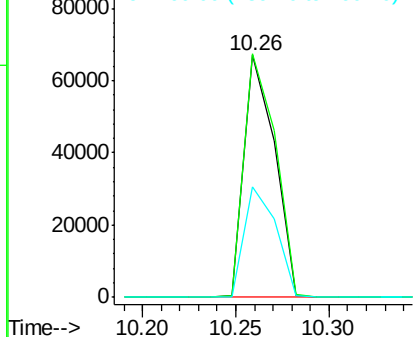
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 RB3

Tgt Ion:164 Resp: 76302
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.5 126.7
 160 45.6 37.7 56.5

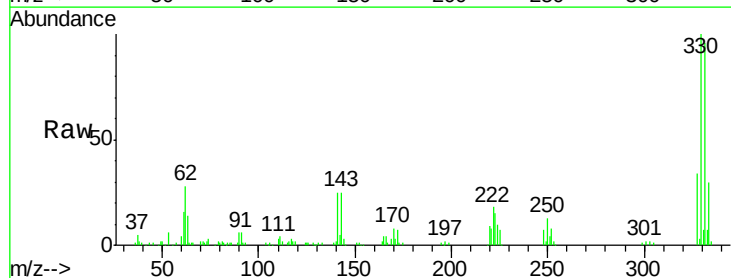


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

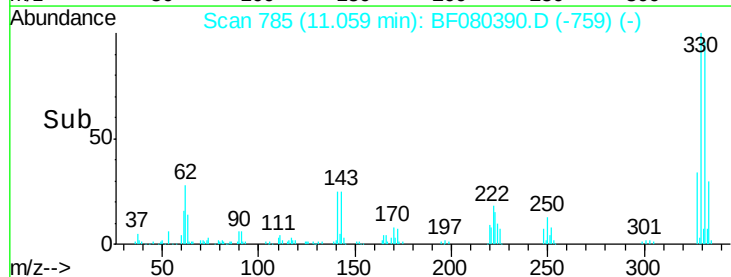
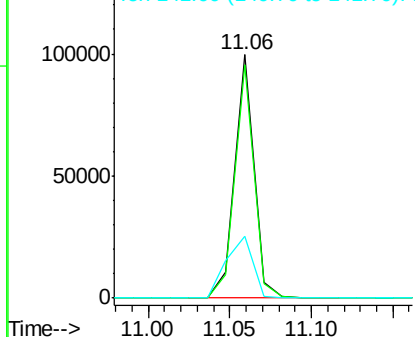


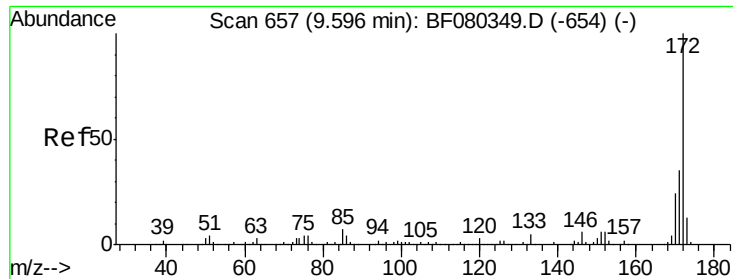
#41
 2,4,6-Tribromophenol
 Concen: 101.11 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Tgt Ion:330 Resp: 80728
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.4
 141 35.2 29.6 44.4



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

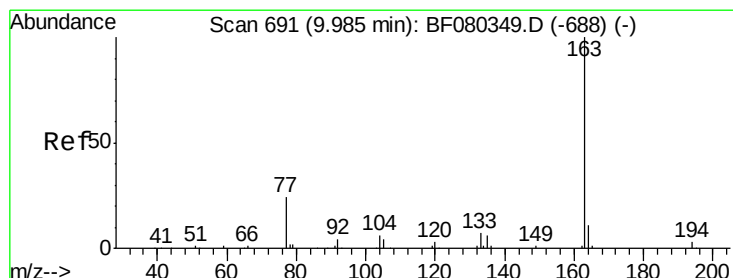
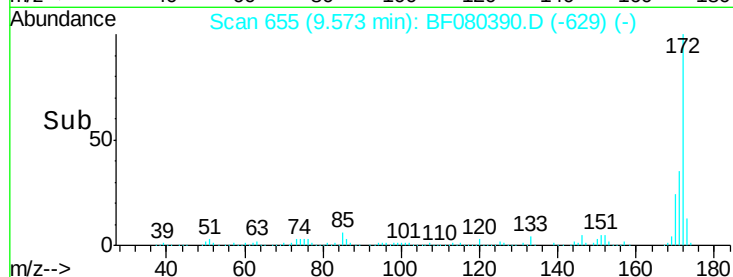
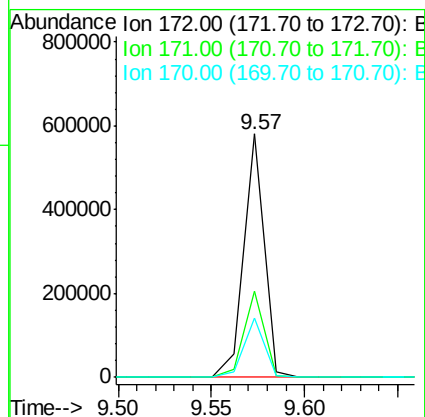
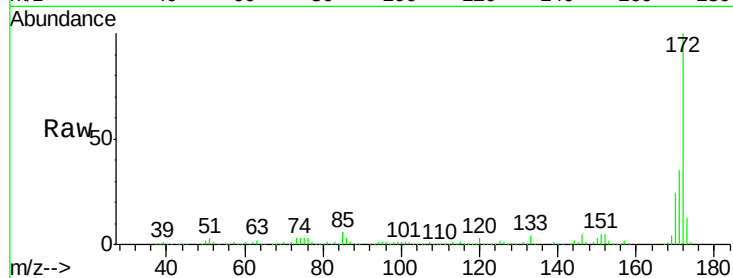




#44
2-Fluorobiphenyl
Concen: 79.03 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

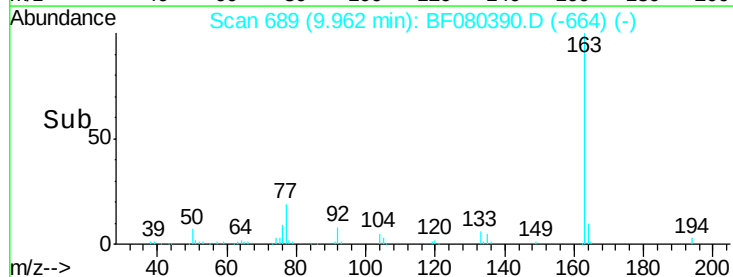
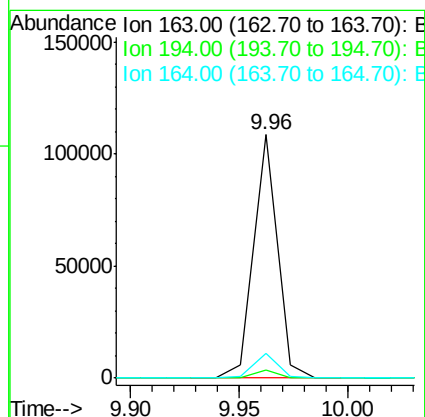
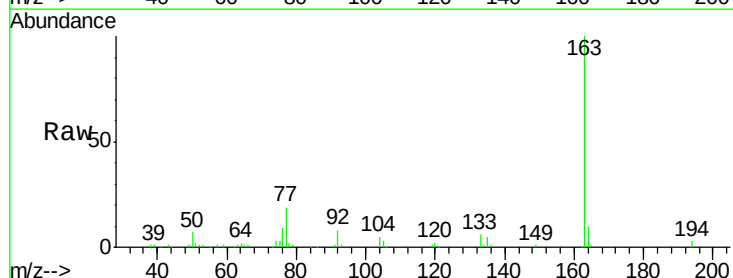
Instrument :
BNA_F
ClientSampleId :
RB3

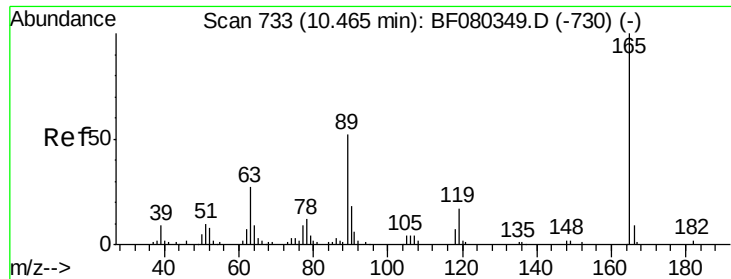
Tgt Ion:172 Resp: 446828
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.1 19.1 28.7



#49
Dimethylphthalate
Concen: 13.52 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

Tgt Ion:163 Resp: 82821
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.0 8.5 12.7

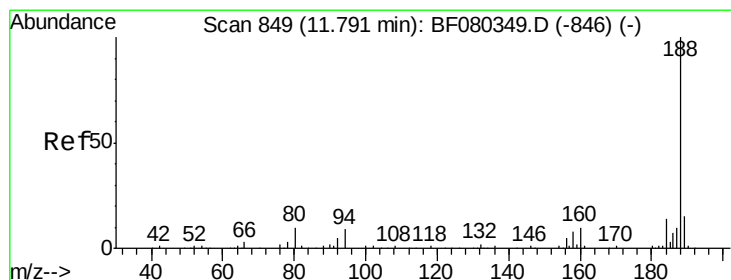
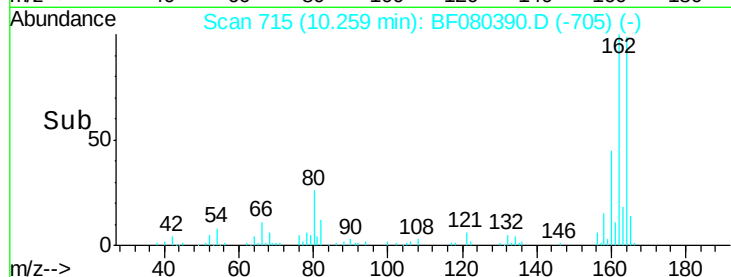
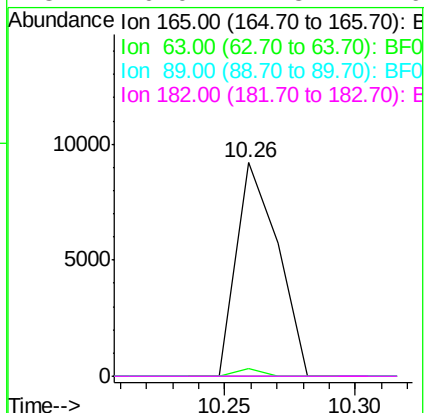
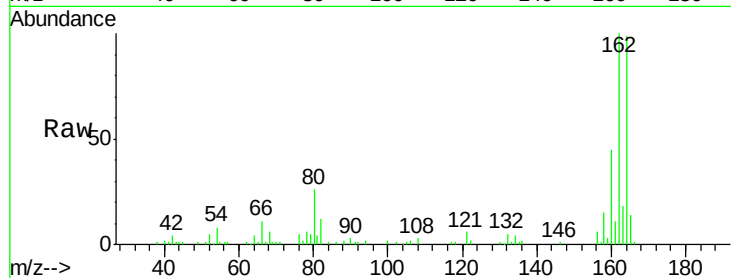




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.18 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

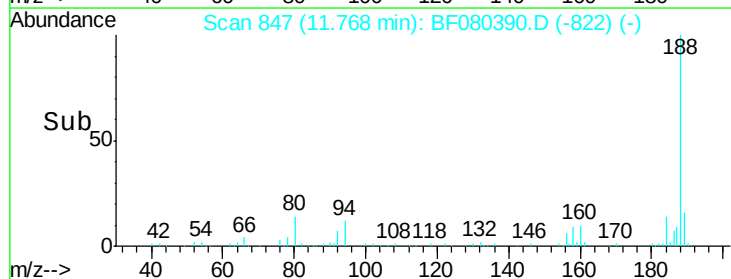
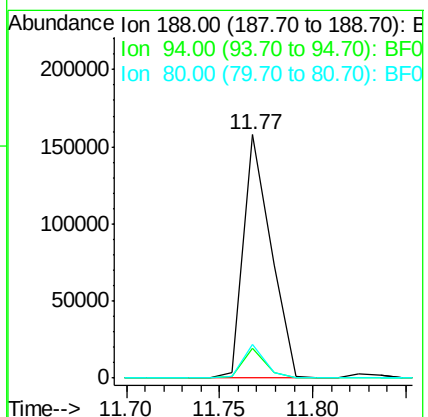
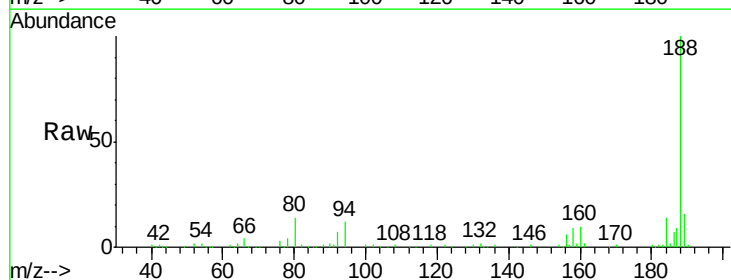
Instrument :
 BNA_F
 ClientSampleId :
 RB3

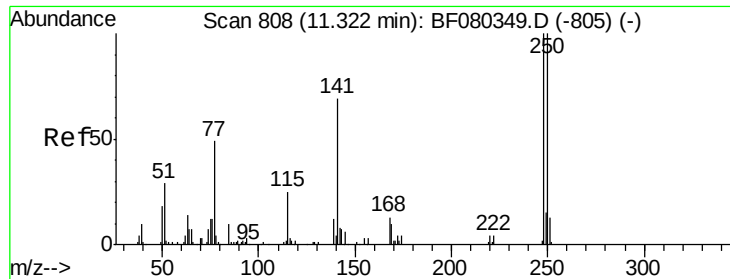
Tgt Ion:165 Resp: 10234
 Ion Ratio Lower Upper
 165 100
 63 3.5 21.8 32.8#
 89 0.0 41.3 61.9#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.77 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Tgt Ion:188 Resp: 162258
 Ion Ratio Lower Upper
 188 100
 94 12.2 7.5 11.3#
 80 13.7 8.3 12.5#

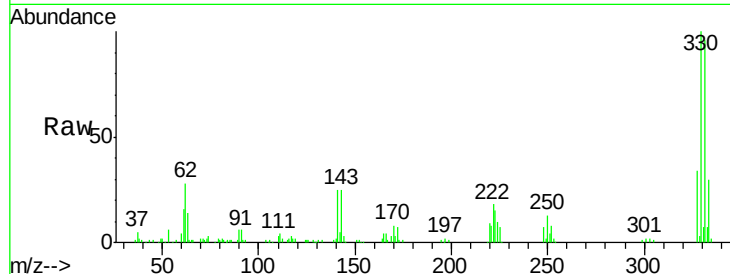




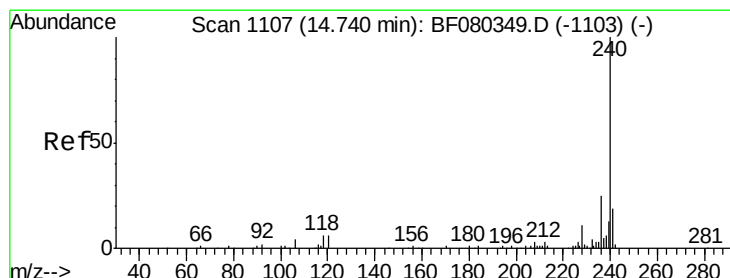
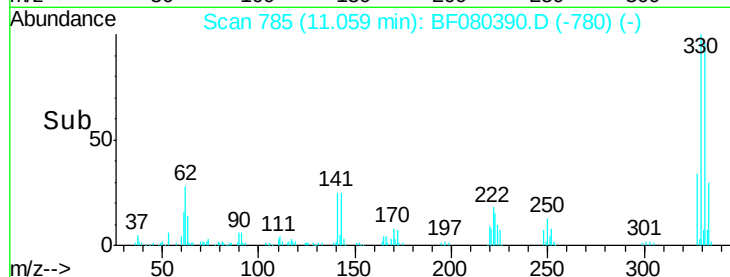
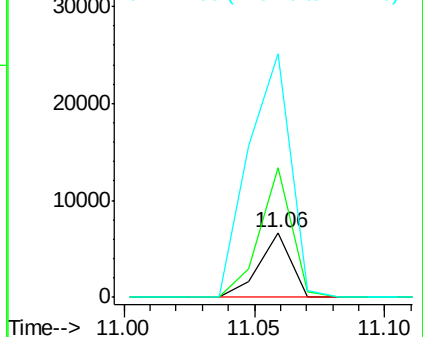
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.24 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

Instrument :
BNA_F
ClientSampleId :
RB3

Tgt Ion:248 Resp: 5678
Ion Ratio Lower Upper
248 100
250 201.8 80.0 120.0#
141 377.0 54.8 82.2#

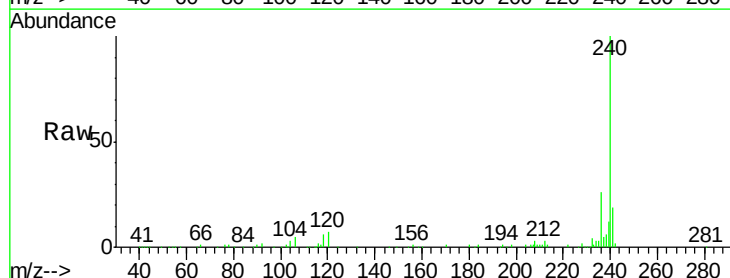


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

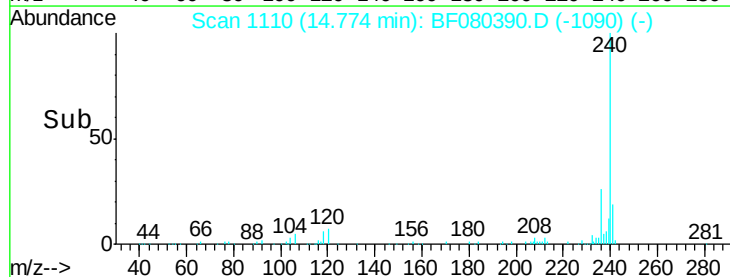
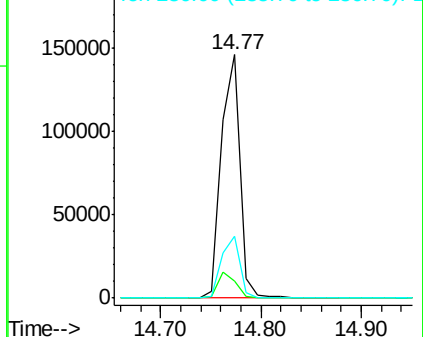


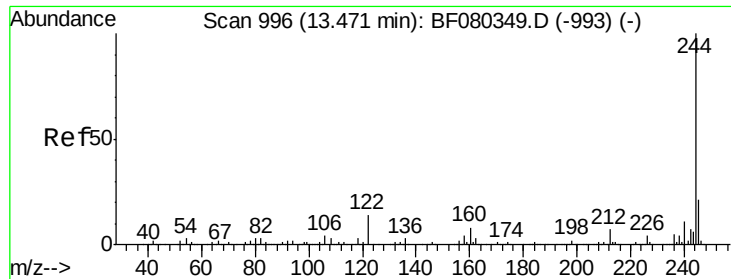
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1110
Delta R.T. -0.07 min
Lab File: BF080390.D
Acq: 8 Jul 2015 16:23

Tgt Ion:240 Resp: 187576
Ion Ratio Lower Upper
240 100
120 6.9 5.1 7.7
236 25.6 20.4 30.6



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

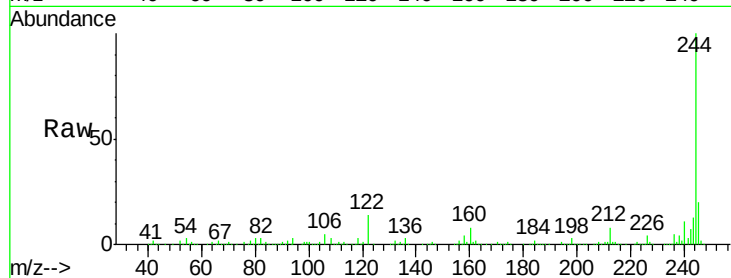




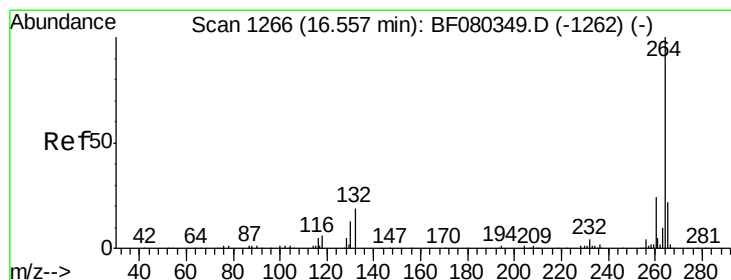
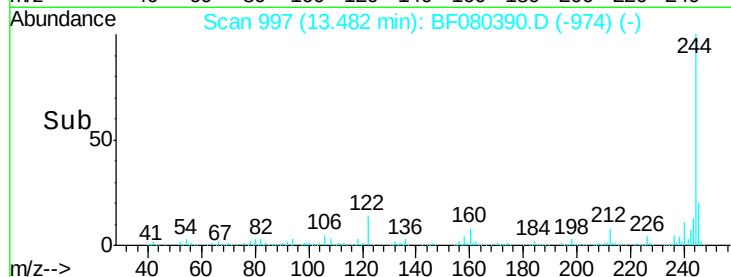
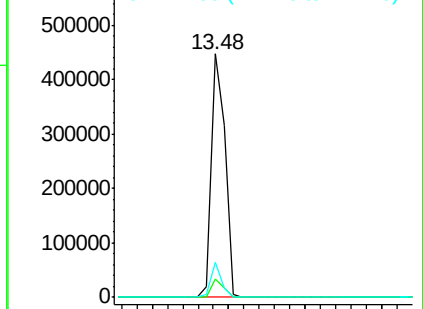
#78
 Terphenyl-d14
 Concen: 67.68 ng
 RT: 13.48 min Scan# 997
 Delta R.T. -0.03 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Instrument :
 BNA_F
 ClientSampled :
 RB3

Tgt Ion:244 Resp: 544233
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 14.2 11.1 16.7

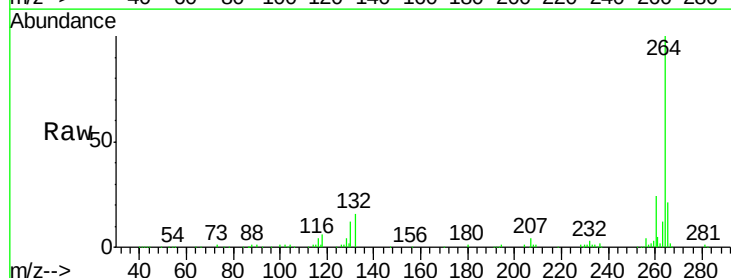


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.14 min
 Lab File: BF080390.D
 Acq: 8 Jul 2015 16:23

Tgt Ion:264 Resp: 163918
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.6 26.4



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

