

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080436.D
 Acq On : 13 Jul 2015 20:03
 Operator : TP/UM
 Sample : G2945-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-010

Quant Time: Jul 14 01:00:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

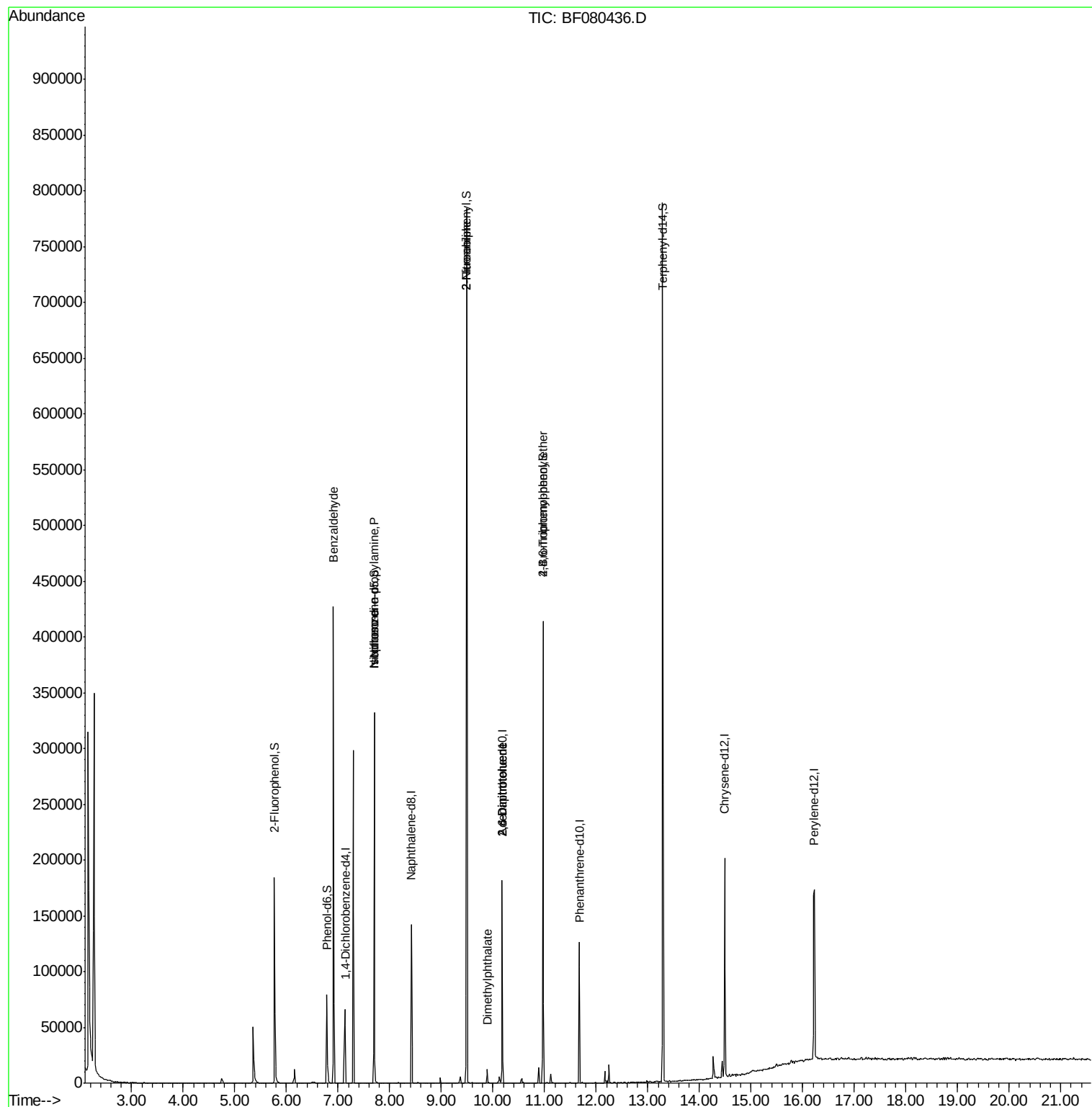
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	13739	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	59774	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	32502	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	65449	20.00	ng	-0.01
75) Chrysene-d12	14.49	240	82715	20.00	ng	-0.23
86) Perylene-d12	16.23	264	93396	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	54306	67.73	ng	0.00
7) Phenol-d6	6.78	99	40961	38.35	ng	0.01
23) Nitrobenzene-d5	7.70	82	92426	88.19	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	36515	115.11	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	214555	88.91	ng	0.00
78) Terphenyl-d14	13.29	244	263964	69.31	ng	-0.11
Target Compounds						
9) Benzaldehyde	6.91	77	2202	3.73	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.70	70	11981	16.39	ng	# 82
25) Isophorone	7.70	82	92423	49.21	ng	# 73
47) 2-Nitroaniline	9.49	65	302	5.05	ng	# 1
49) Dimethylphthalate	9.89	163	8164	3.32	ng	98
50) 2,6-Dinitrotoluene	10.18	165	4155	7.53	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	4155	6.44	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	3095	4.44	ng	# 1

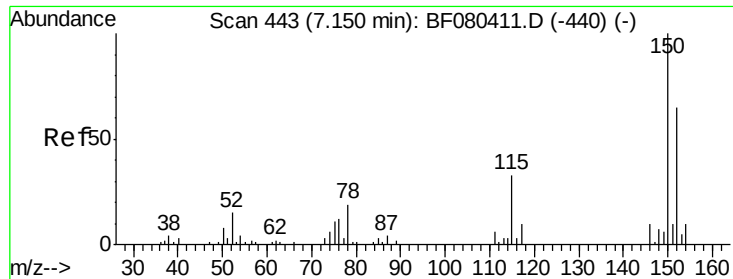
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 01:00:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PO-010

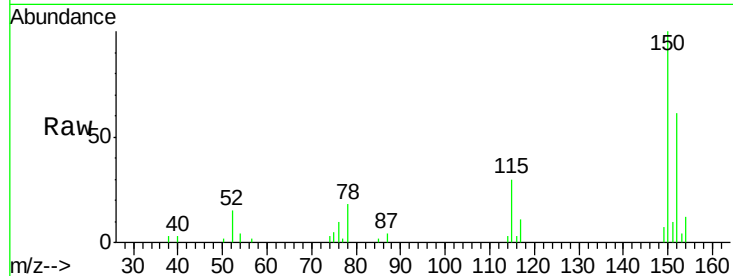
Tgt Ion:152 Resp: 13739

Ion Ratio Lower Upper

152 100

150 163.0 122.3 183.5

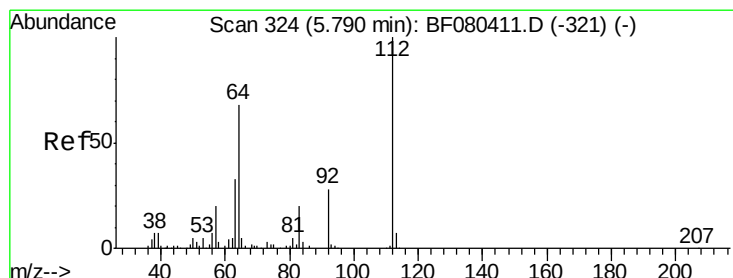
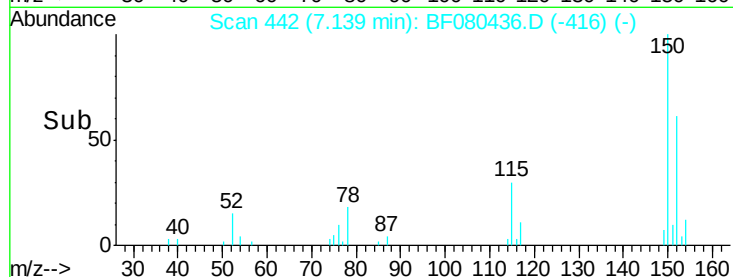
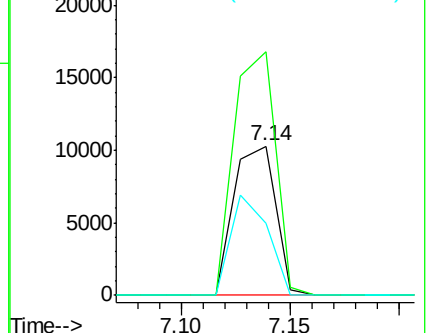
115 48.6 41.0 61.4



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: 67.73 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

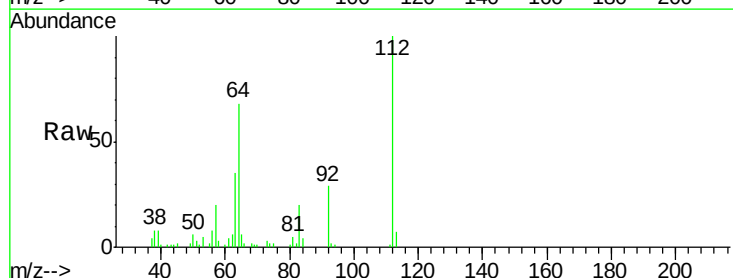
Tgt Ion:112 Resp: 54306

Ion Ratio Lower Upper

112 100

64 68.5 54.3 81.5

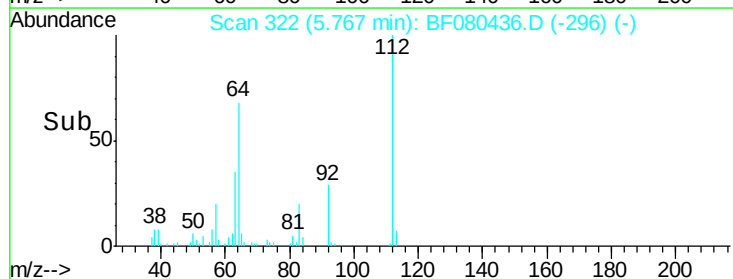
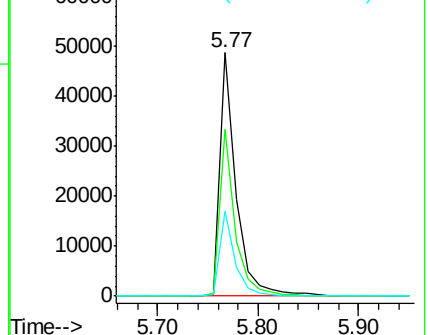
63 34.8 26.7 40.1

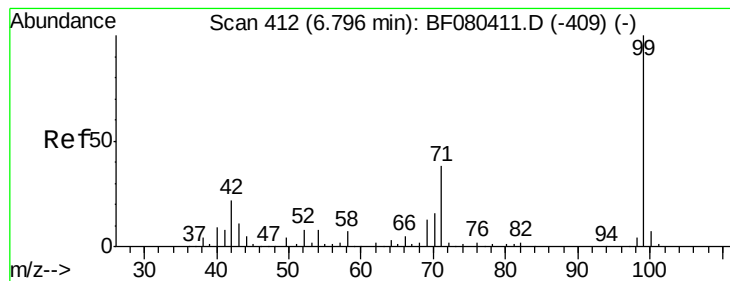


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.35 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PO-010

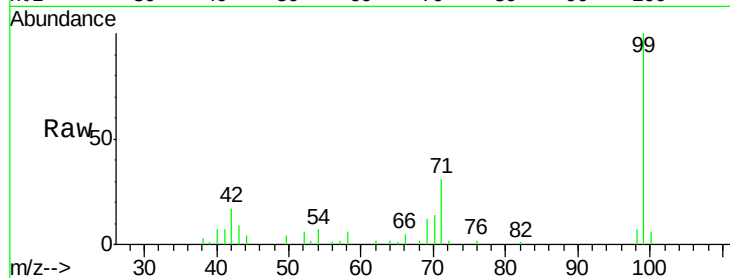
Tgt Ion: 99 Resp: 40961

Ion Ratio Lower Upper

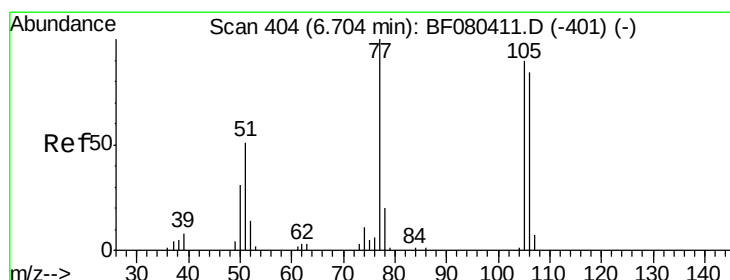
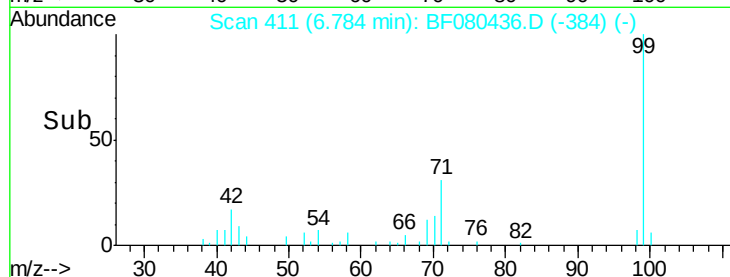
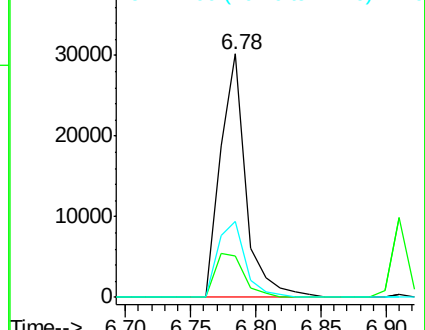
99 100

42 17.2 17.9 26.9#

71 31.0 30.1 45.1



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: 3.73 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

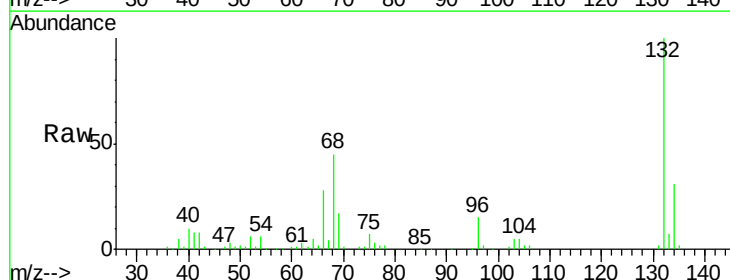
Tgt Ion: 77 Resp: 2202

Ion Ratio Lower Upper

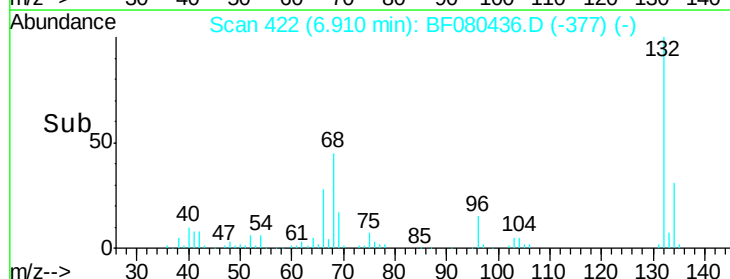
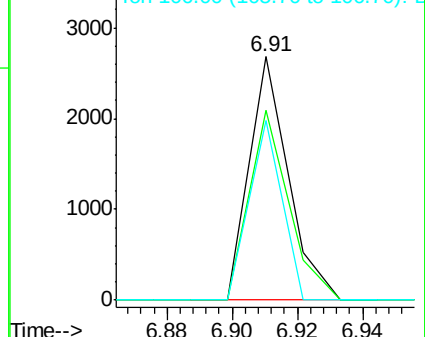
77 100

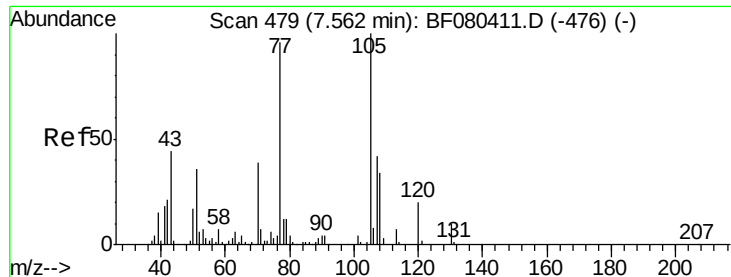
105 77.9 69.6 109.6

106 73.7 63.6 103.6



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

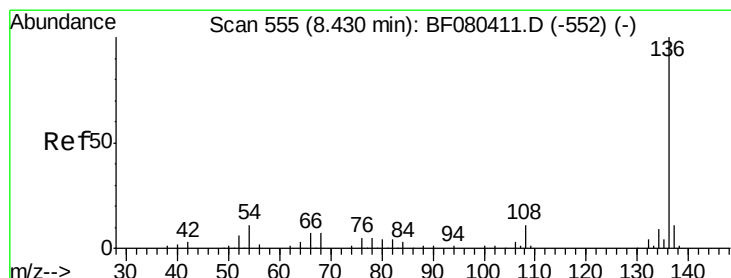
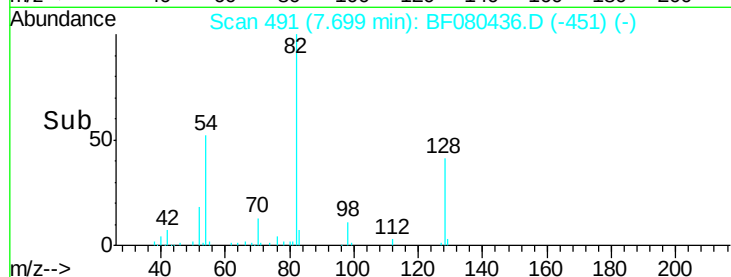
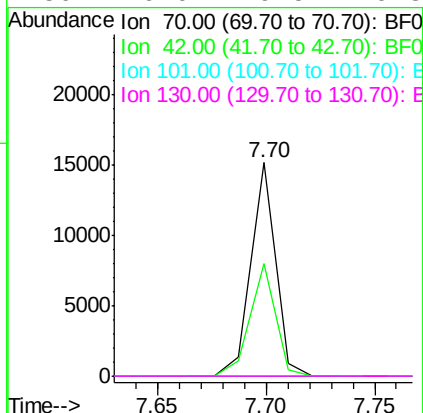
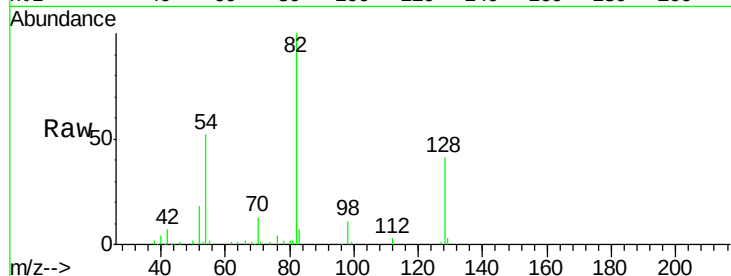




#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080436.D
Acq: 13 Jul 2015 20:03

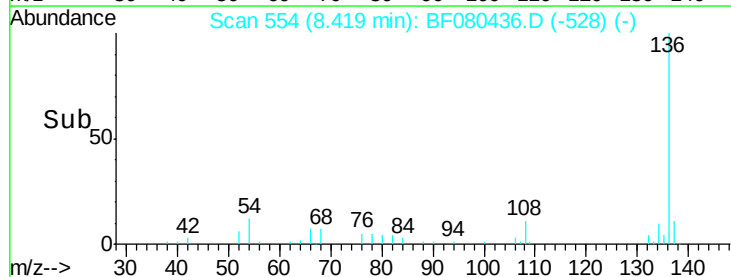
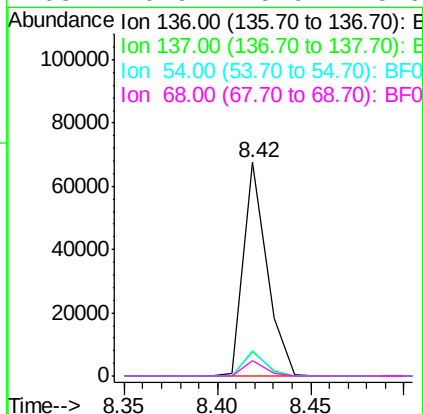
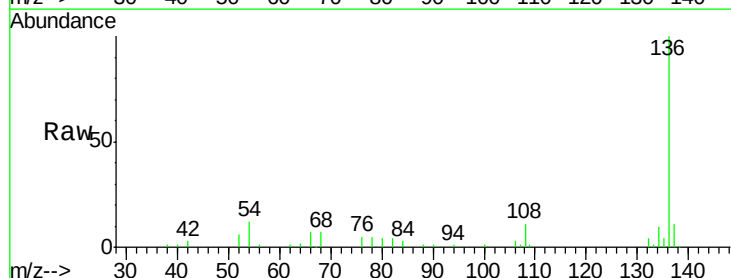
Instrument :
BNA_F
ClientSampleId :
PO-010

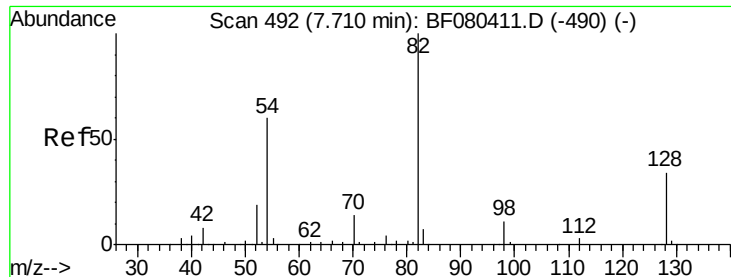
Tgt Ion: 70 Resp: 11981
Ion Ratio Lower Upper
70 100
42 52.8 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080436.D
Acq: 13 Jul 2015 20:03

Tgt Ion: 136 Resp: 59774
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 12.0 9.1 13.7
68 6.9 5.9 8.9

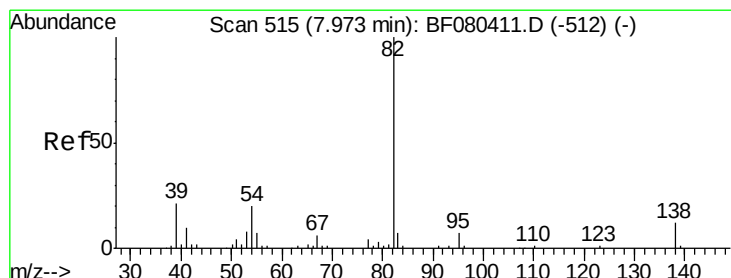
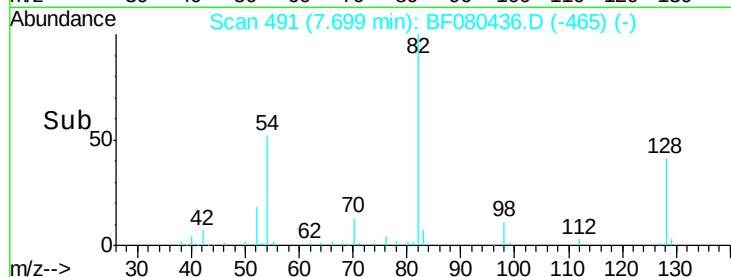
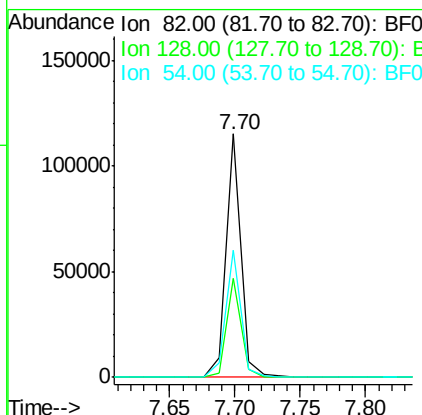
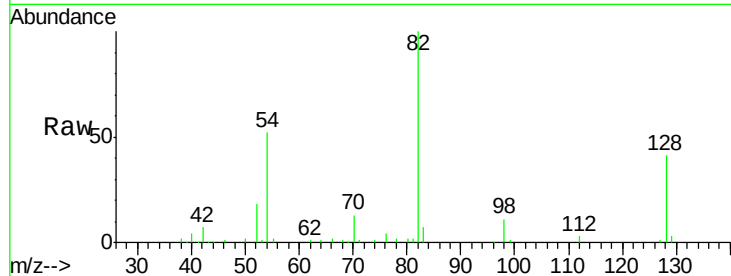




#23
 Nitrobenzene-d5
 Concen: 88.19 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

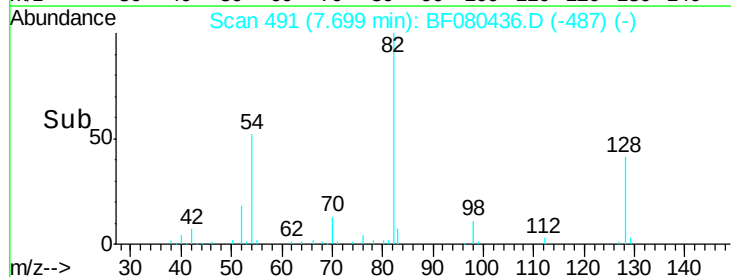
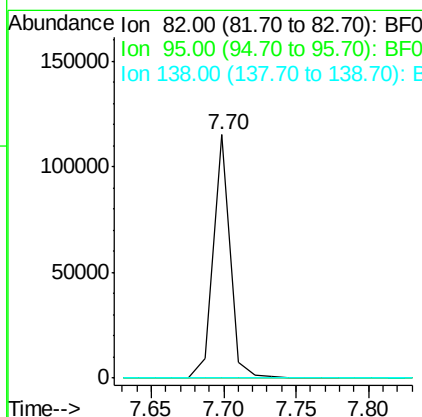
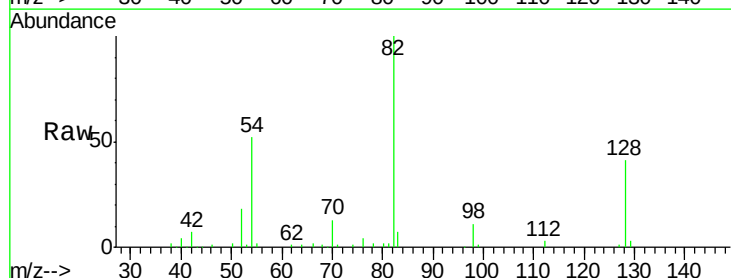
Instrument :
 BNA_F
 ClientSampleId :
 PO-010

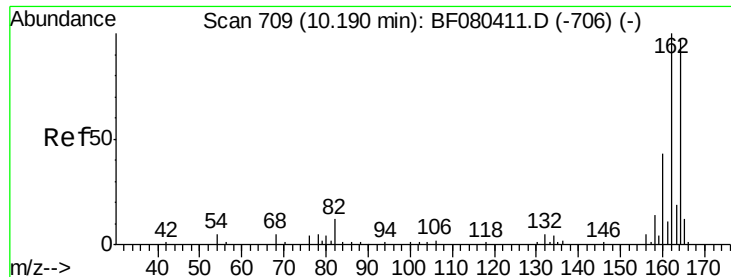
Tgt Ion: 82 Resp: 92426
 Ion Ratio Lower Upper
 82 100
 128 40.8 26.9 40.3#
 54 52.1 47.7 71.5



#25
 Isophorone
 Concen: 49.21 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.25 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Tgt Ion: 82 Resp: 92423
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 9.5 14.3#

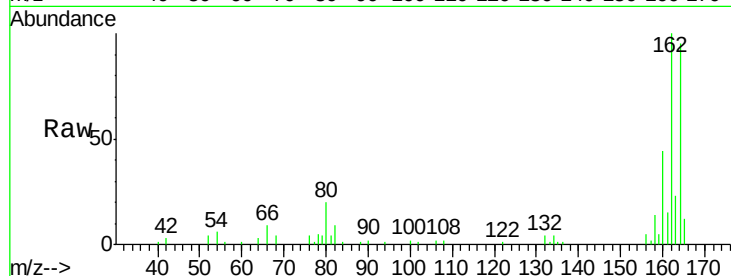




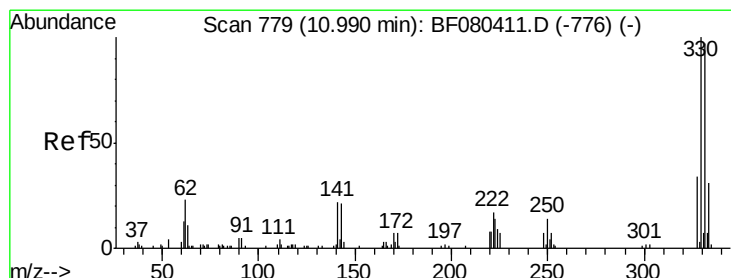
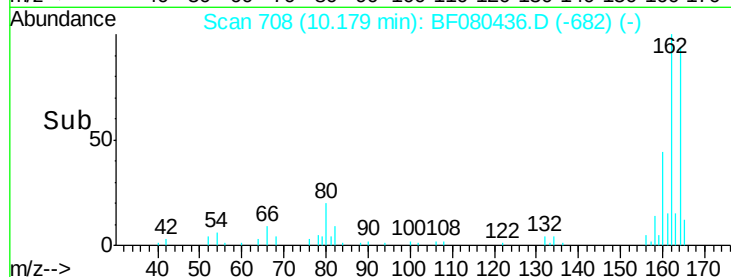
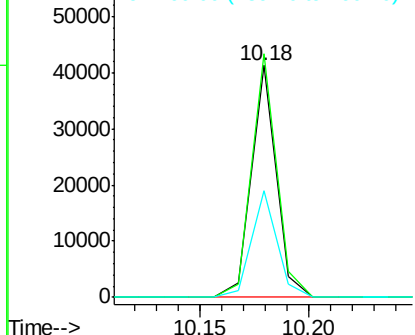
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Instrument :
 BNA_F
 ClientSampled :
 PO-010

Tgt Ion:164 Resp: 32502
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.7 124.1
 160 46.3 35.5 53.3

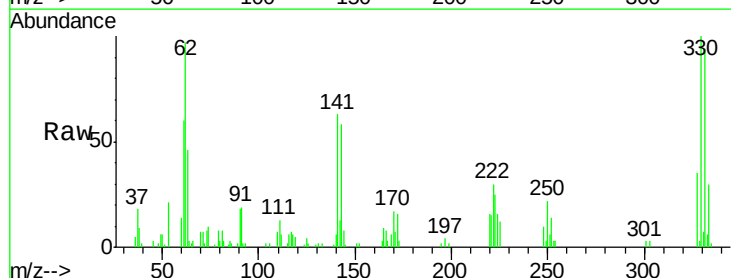


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

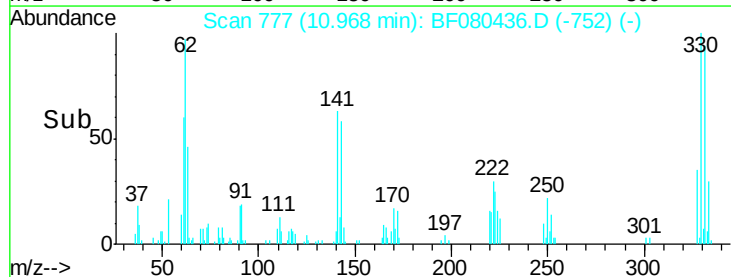
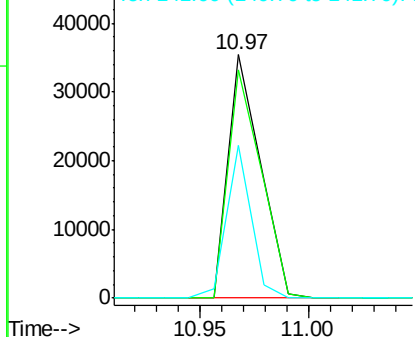


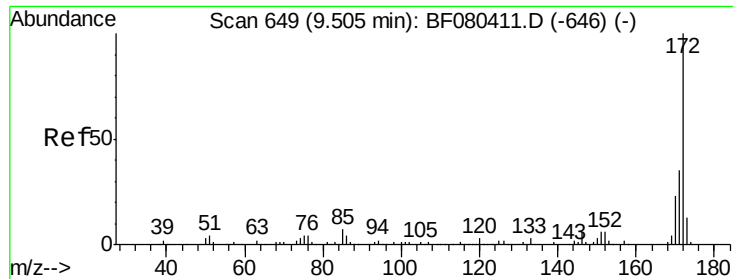
#41
 2,4,6-Tribromophenol
 Concen: 115.11 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Tgt Ion:330 Resp: 36515
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.0 117.0
 141 47.8 28.6 43.0#



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

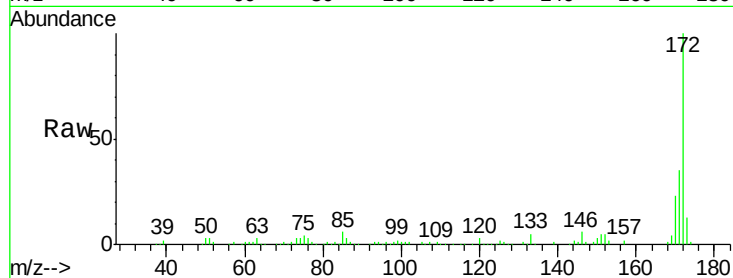




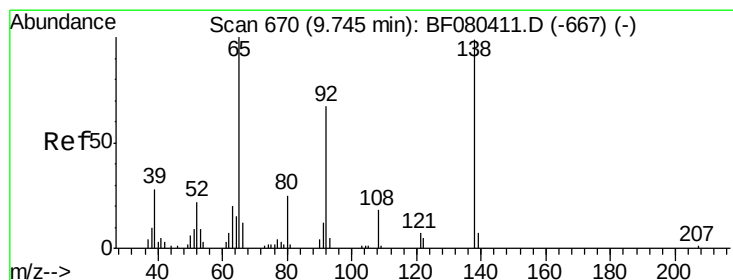
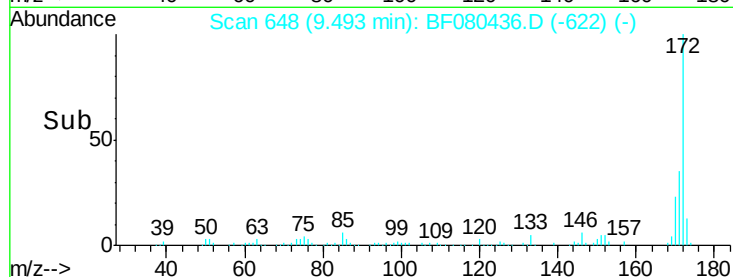
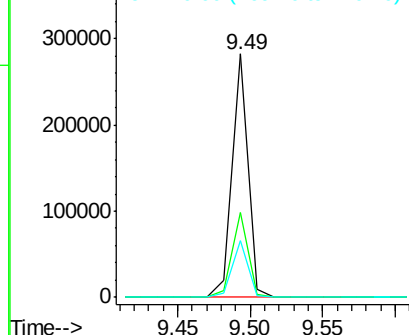
#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PO-010

Tgt Ion: 172 Resp: 214555
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.2 18.6 28.0

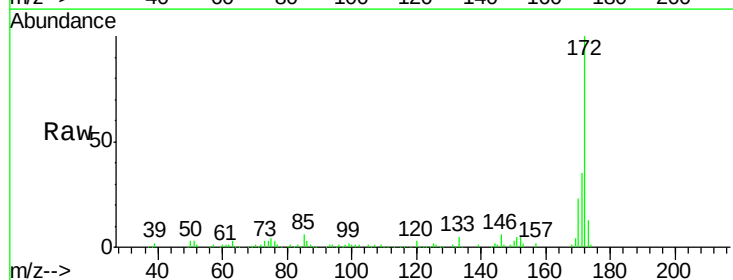


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

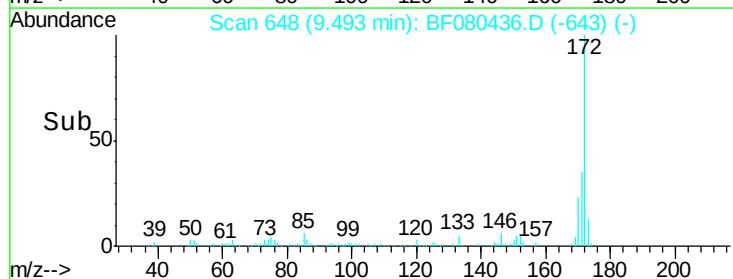
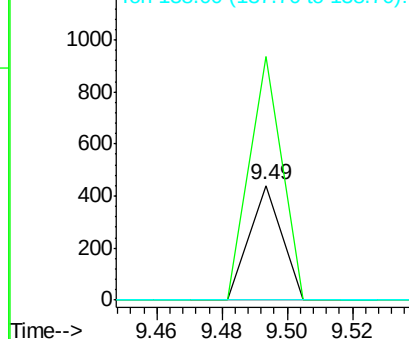


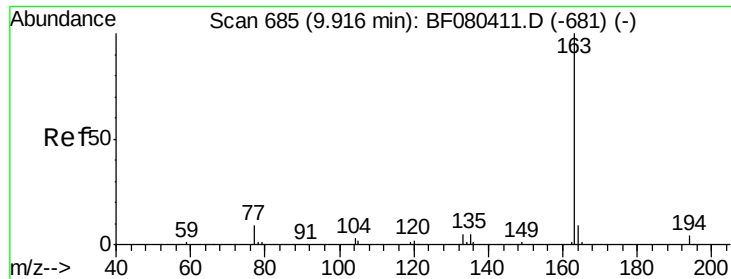
#47
 2-Nitroaniline
 Concen: 5.05 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Tgt Ion: 65 Resp: 302
 Ion Ratio Lower Upper
 65 100
 92 212.2 53.2 79.8#
 138 0.0 78.9 118.3#



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: 3.32 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PO-010

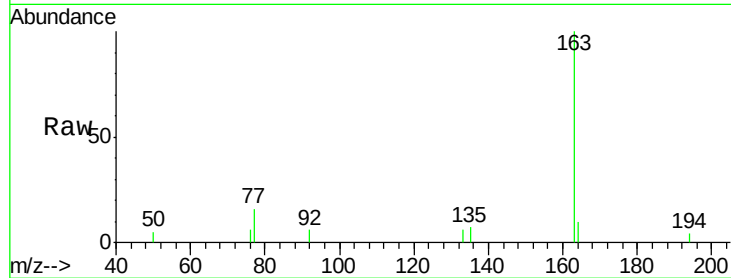
Tgt Ion:163 Resp: 8164

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

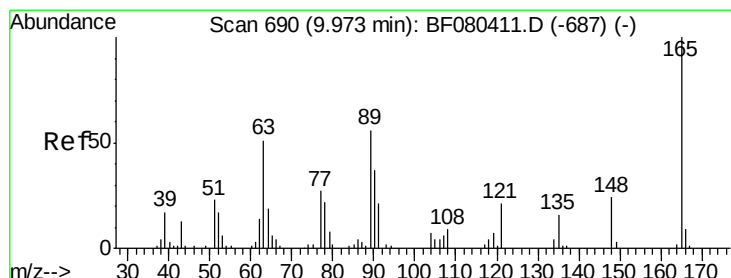
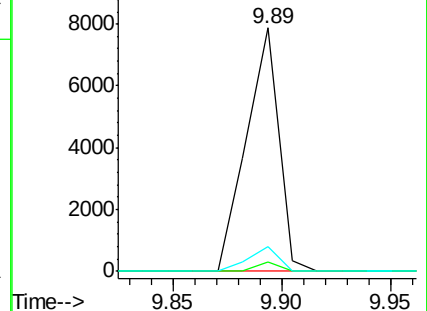
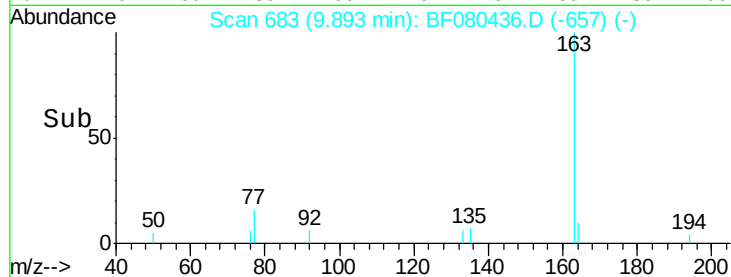
164 10.0 7.4 11.0



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: 7.53 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

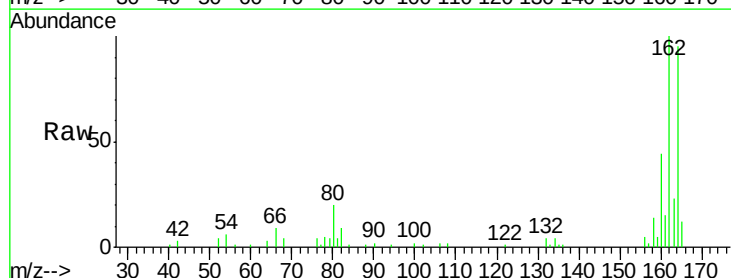
Tgt Ion:165 Resp: 4155

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

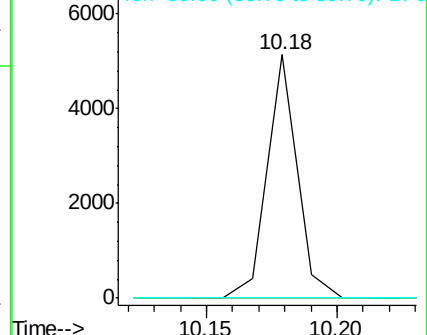
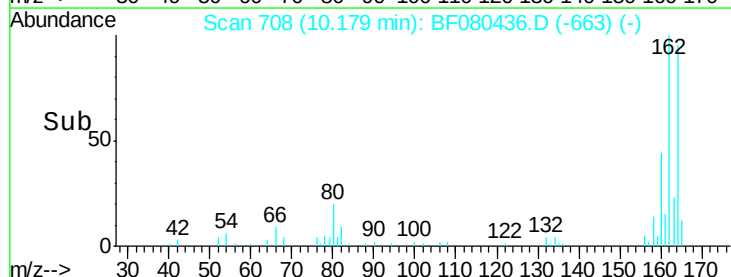
89 0.0 44.5 66.7#

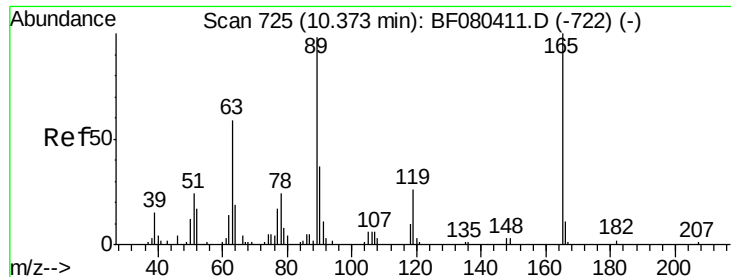


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

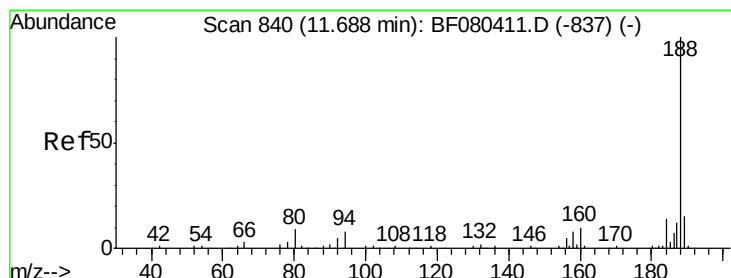
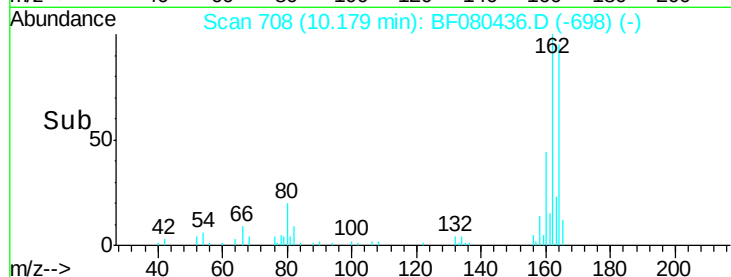
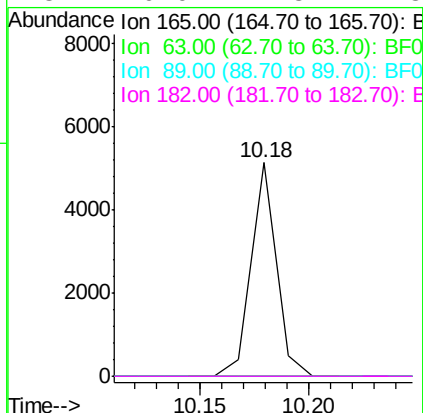
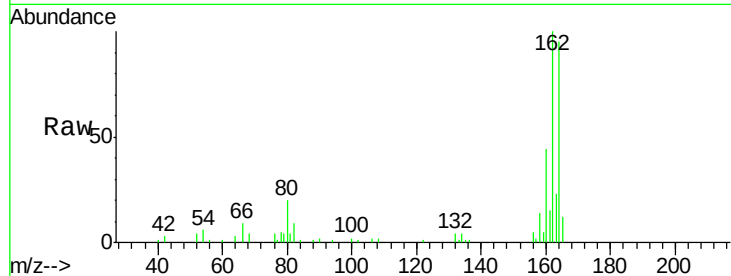




#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

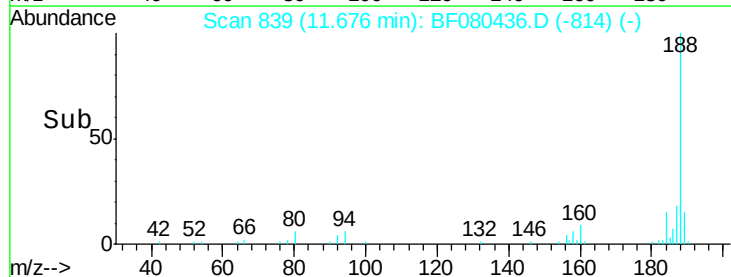
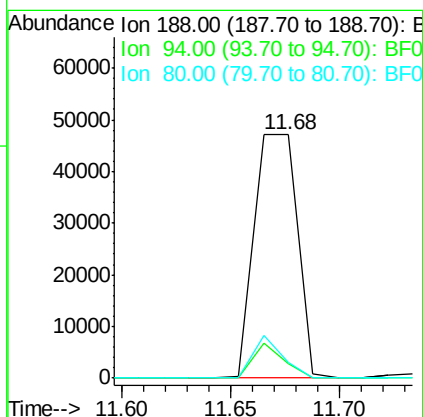
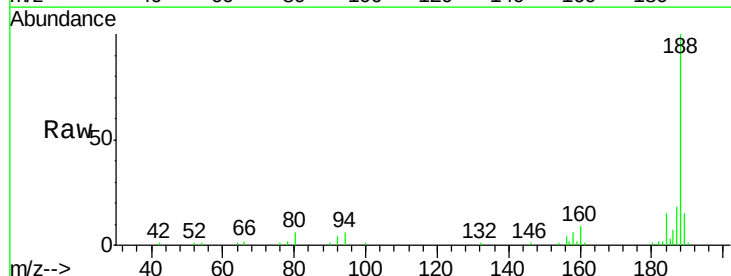
Instrument :
 BNA_F
 ClientSampleId :
 PO-010

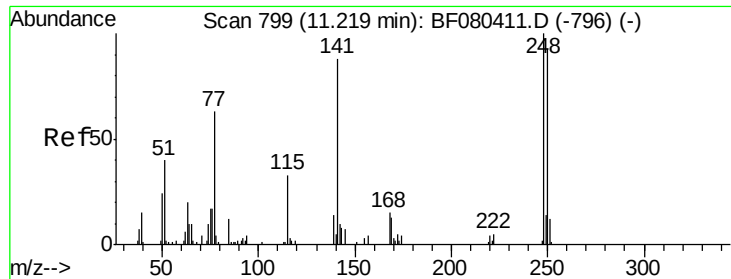
Tgt Ion:165 Resp: 4155
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.7 77.5#
 89 0.0 78.6 117.8#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF080436.D
 Acq: 13 Jul 2015 20:03

Tgt Ion:188 Resp: 65449
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.7 10.1#
 80 6.2 7.5 11.3#

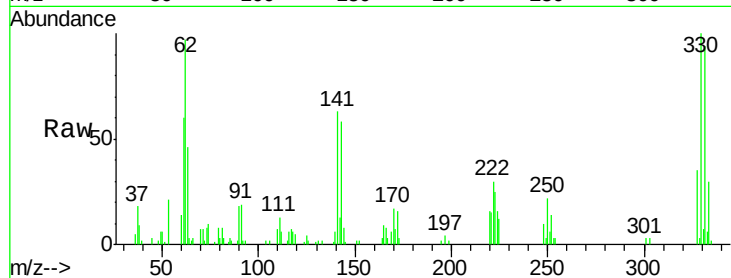




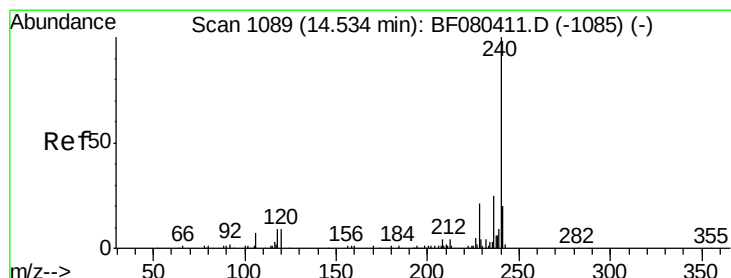
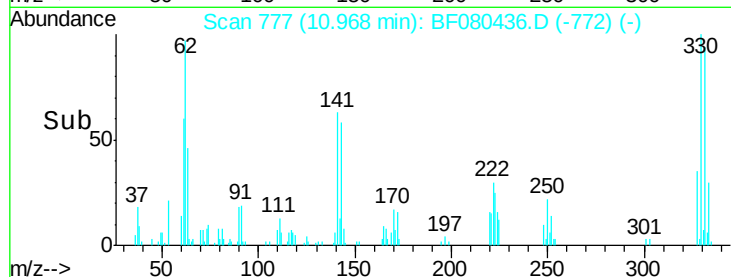
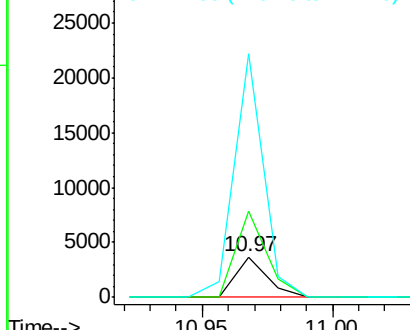
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080436.D
Acq: 13 Jul 2015 20:03

Instrument :
BNA_F
ClientSampled :
PO-010

Tgt Ion:248 Resp: 3095
Ion Ratio Lower Upper
248 100
250 214.1 74.2 111.4#
141 604.7 70.7 106.1#

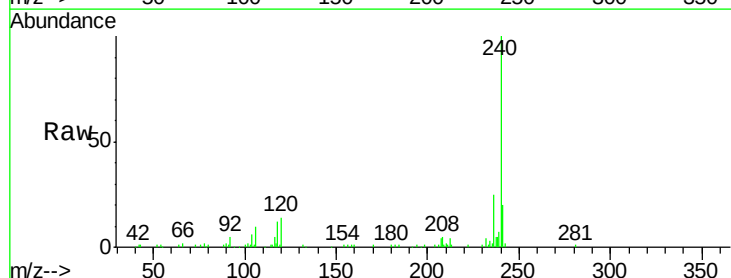


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

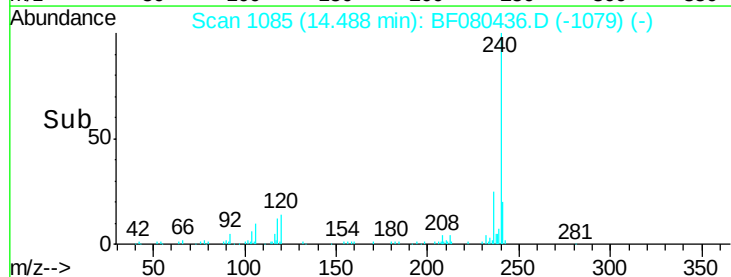
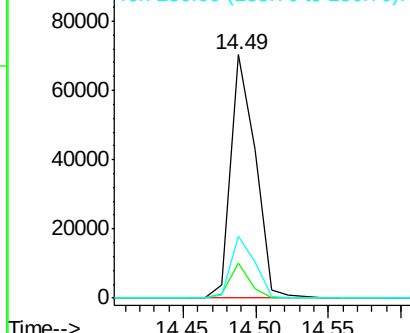


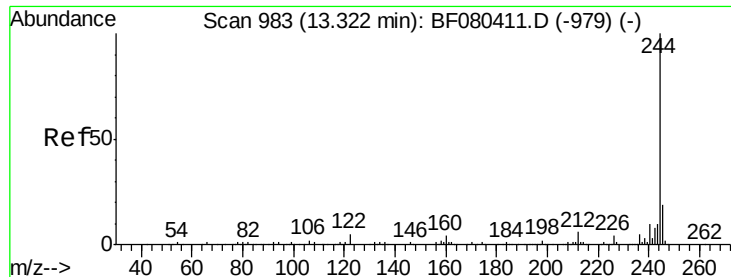
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.23 min
Lab File: BF080436.D
Acq: 13 Jul 2015 20:03

Tgt Ion:240 Resp: 82715
Ion Ratio Lower Upper
240 100
120 14.4 7.4 11.2#
236 25.5 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





#78

Terphenyl-d14

Concen: 69.31 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PO-010

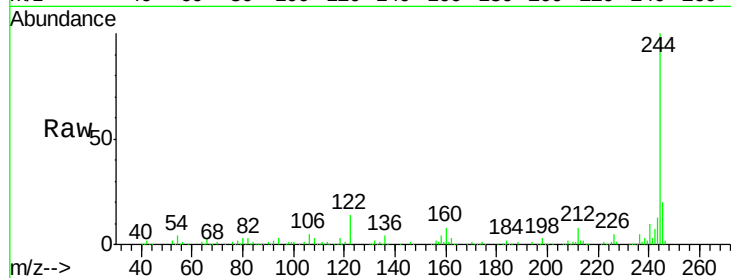
Tgt Ion:244 Resp: 263964

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

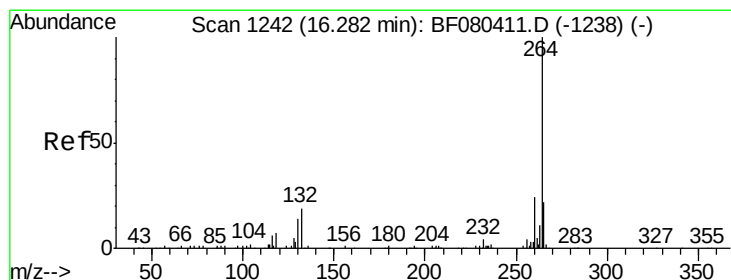
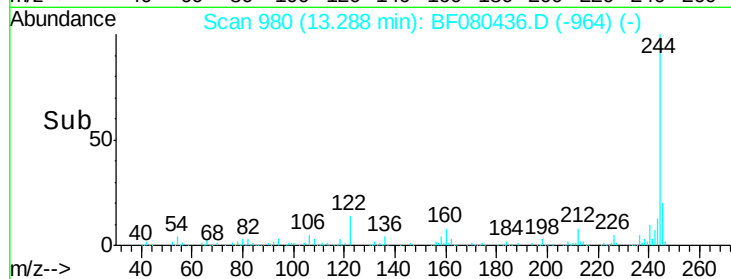
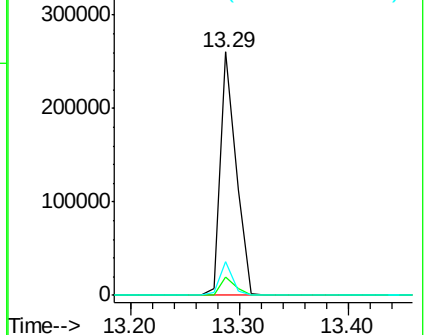
122 14.0 4.1 6.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.23 min Scan# 1237

Delta R.T. -0.37 min

Lab File: BF080436.D

Acq: 13 Jul 2015 20:03

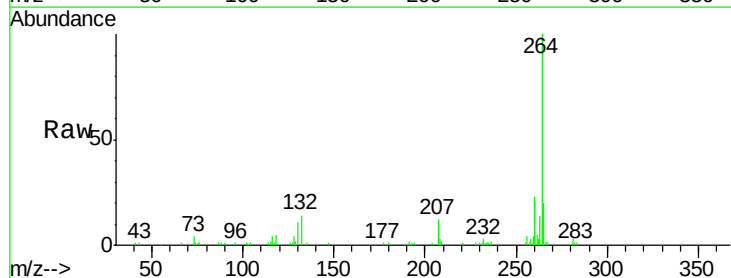
Tgt Ion:264 Resp: 93396

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 20.4 17.8 26.8



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

