

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080455.D
 Acq On : 14 Jul 2015 8:33
 Operator : TP/UM
 Sample : PB84467BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

Quant Time: Jul 14 12:00:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

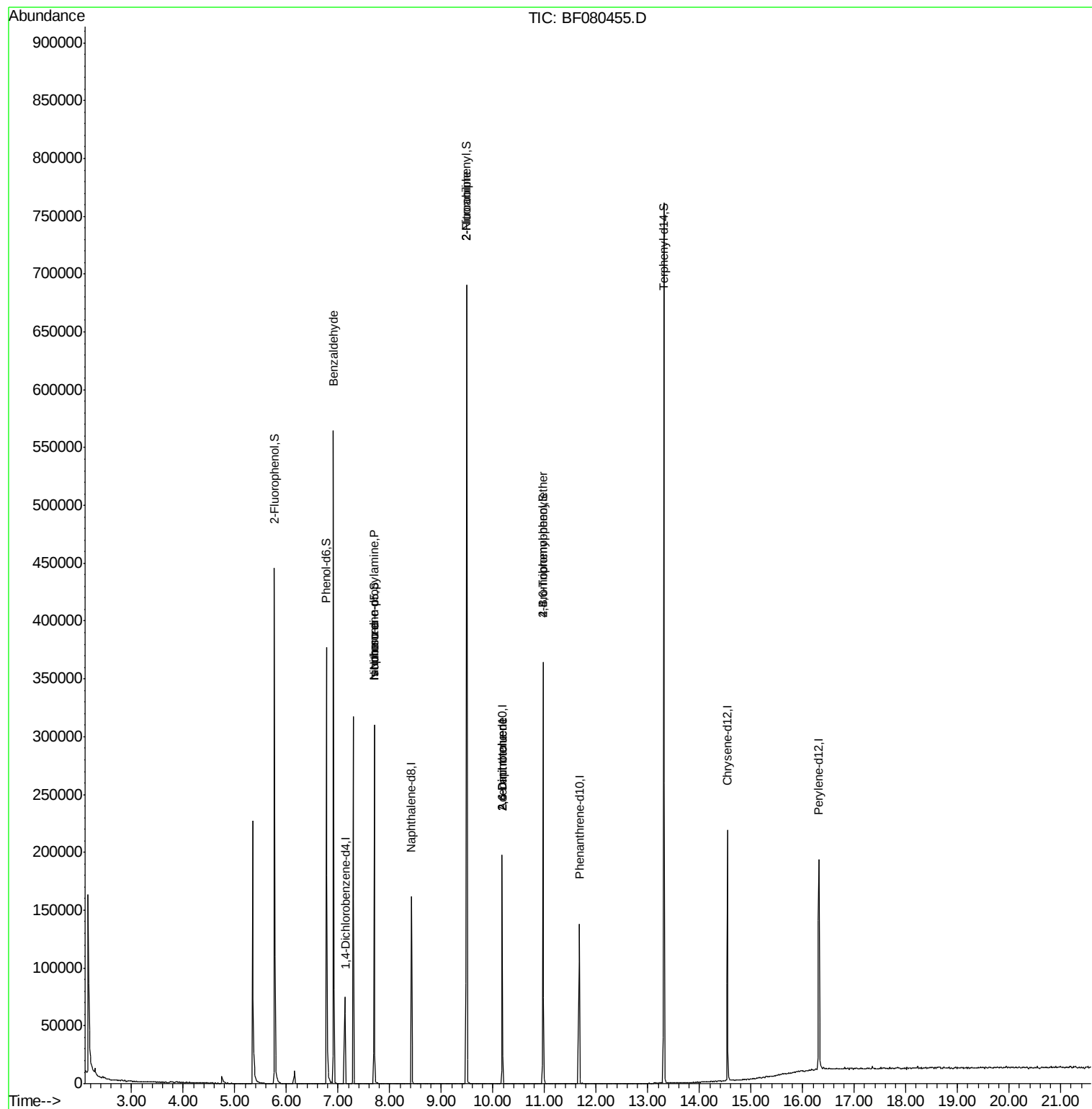
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	16073	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	68635	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	35825	20.00	ng	-0.01
63) Phenanthrene-d10	11.68	188	71579	20.00	ng	-0.01
75) Chrysene-d12	14.55	240	89243	20.00	ng	0.01
86) Perylene-d12	16.32	264	99979	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	120186	128.14	ng	-0.02
7) Phenol-d6	6.77	99	149548	119.67	ng	-0.02
23) Nitrobenzene-d5	7.70	82	89571	74.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	33233	95.05	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	195969	73.68	ng	-0.01
78) Terphenyl-d14	13.31	244	259275	63.10	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	3099	4.48	ng	# 75
19) n-Nitroso-di-n-propylamine	7.70	70	11327	13.25	ng	# 82
25) Isophorone	7.70	82	83192	38.57	ng	# 73
47) 2-Nitroaniline	9.49	65	233	4.93	ng	# 1
50) 2,6-Dinitrotoluene	10.18	165	4791	7.88	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	4790	6.74	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2804	3.68	ng	# 1

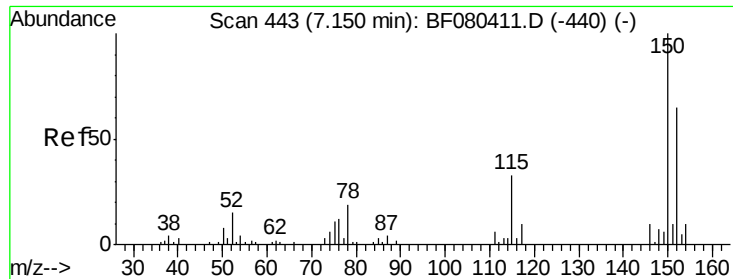
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PB84467BL

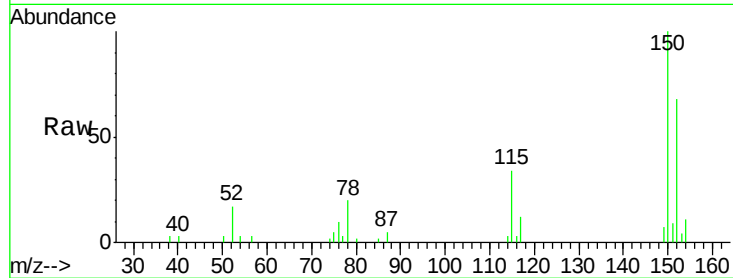
Tgt Ion:152 Resp: 16073

Ion Ratio Lower Upper

152 100

150 147.8 122.3 183.5

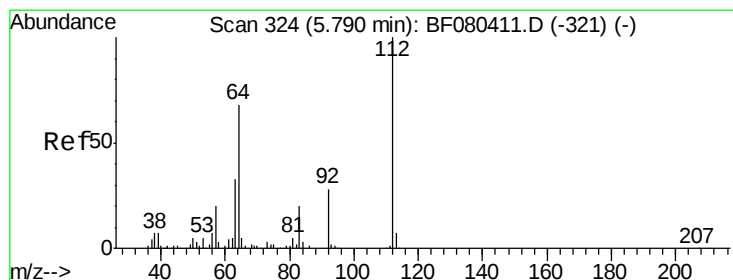
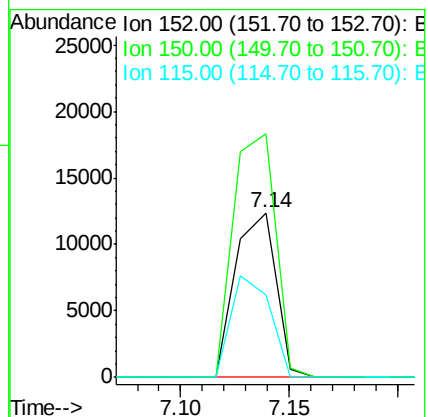
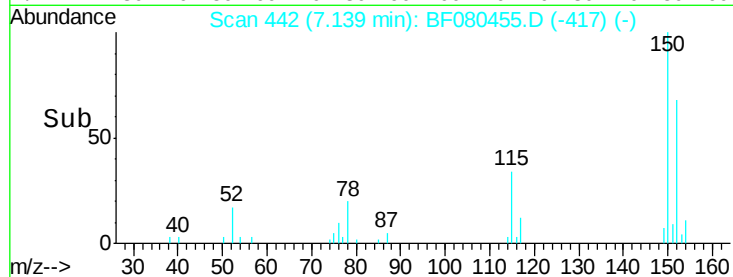
115 50.1 41.0 61.4



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: 128.14 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

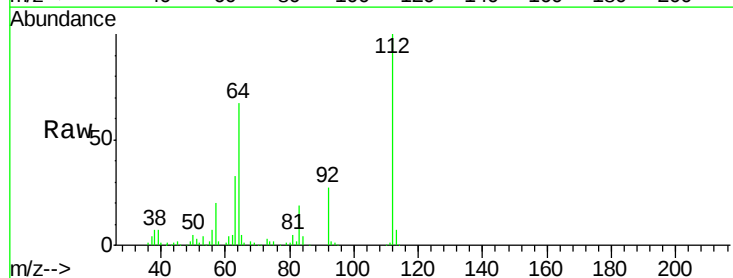
Tgt Ion:112 Resp: 120186

Ion Ratio Lower Upper

112 100

64 66.8 54.3 81.5

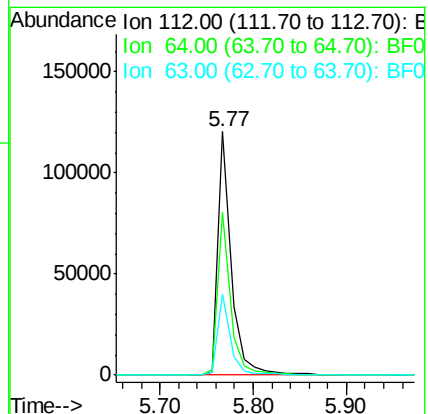
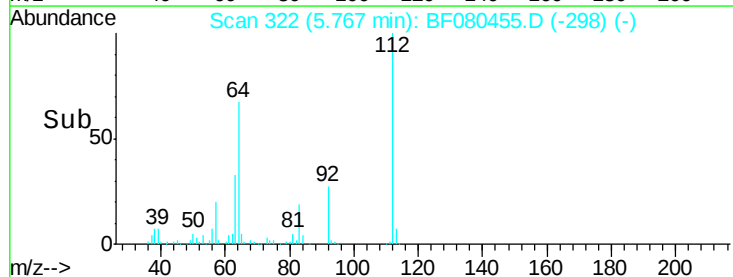
63 33.3 26.7 40.1

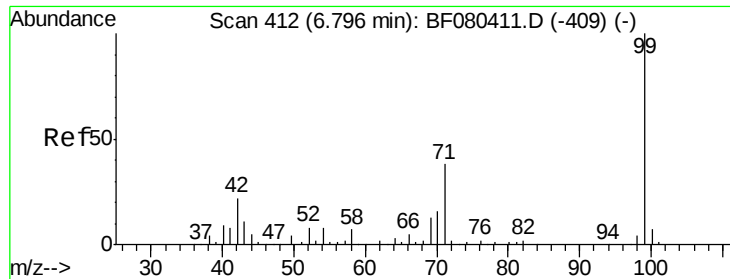


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.67 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PB84467BL

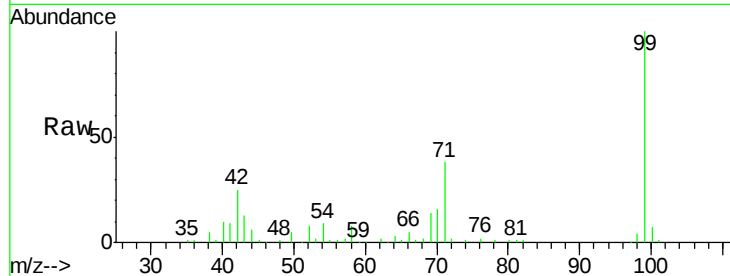
Tgt Ion: 99 Resp: 149548

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

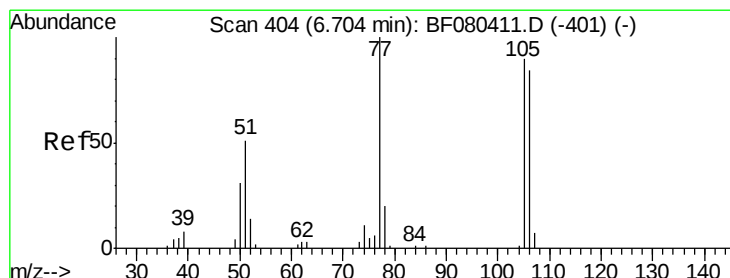
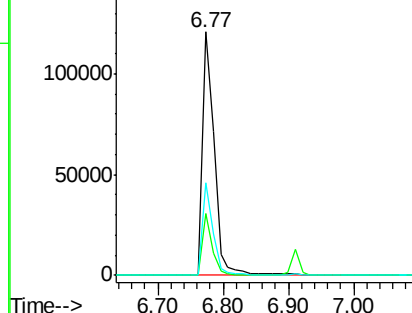
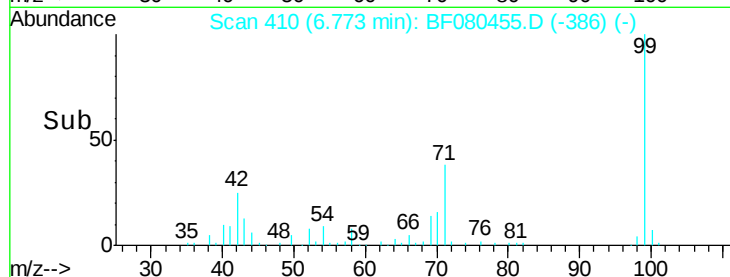
71 37.9 30.1 45.1



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: 4.48 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.21 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

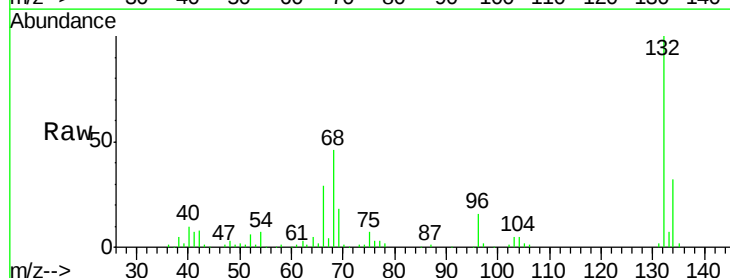
Tgt Ion: 77 Resp: 3099

Ion Ratio Lower Upper

77 100

105 68.1 69.6 109.6#

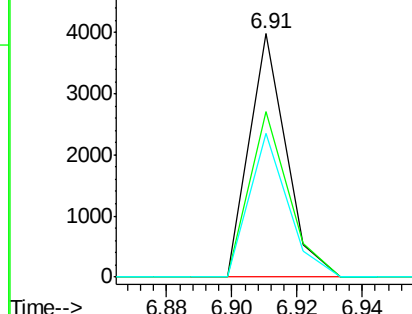
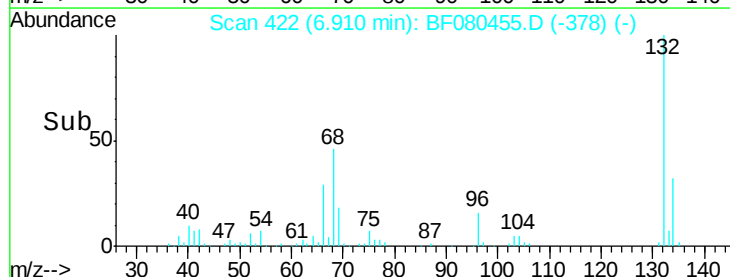
106 58.8 63.6 103.6#

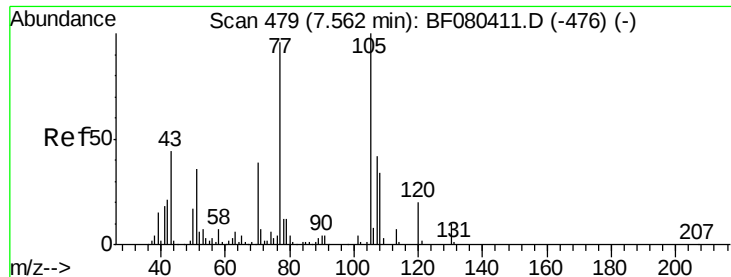


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

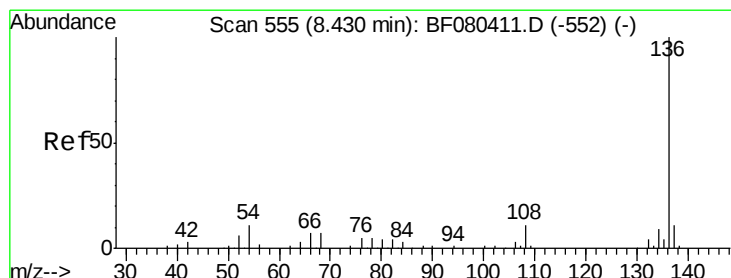
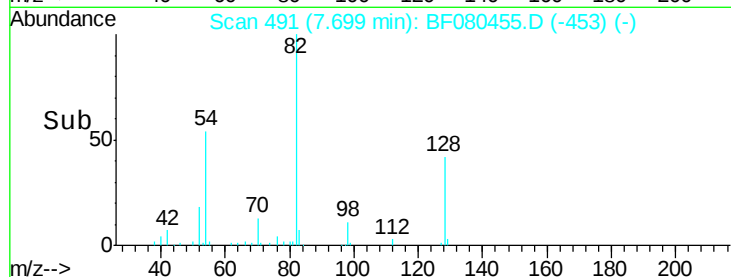
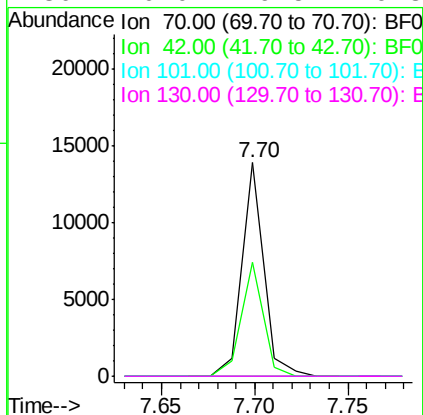
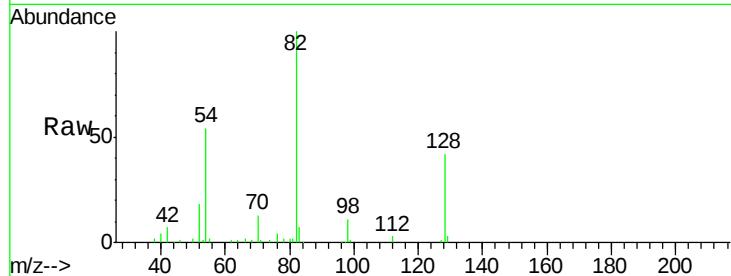




#19
n-Nitroso-di-n-propylamine
Concen: 13.25 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

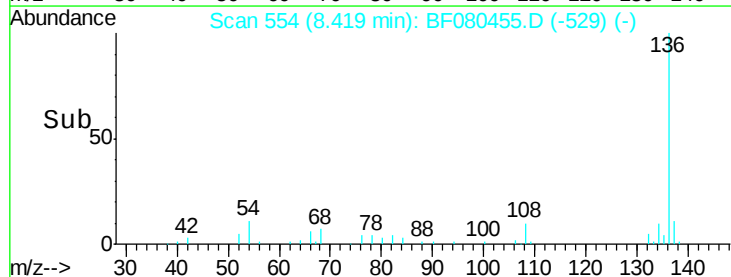
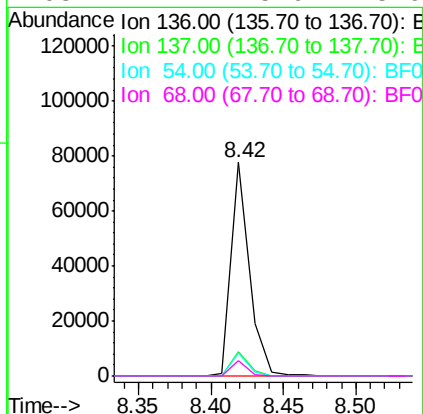
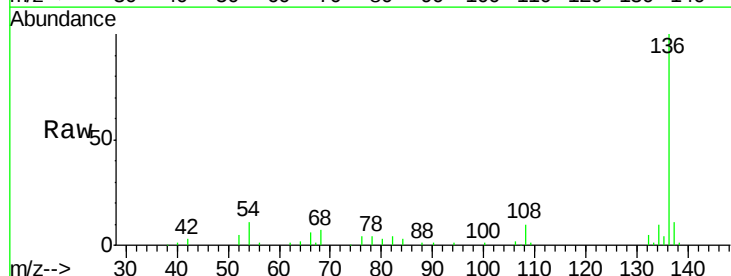
Instrument :
BNA_F
ClientSampleId :
PB84467BL

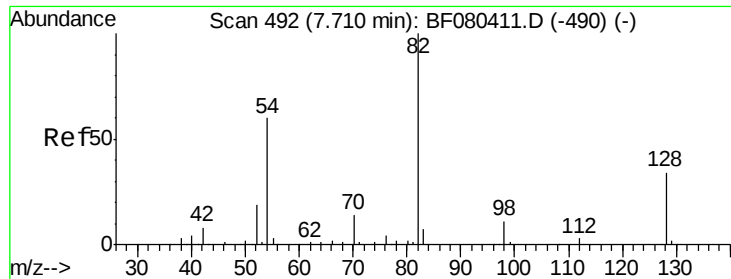
Tgt Ion: 70 Resp: 11327
Ion Ratio Lower Upper
70 100
42 53.6 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Tgt Ion: 136 Resp: 68635
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 11.1 9.1 13.7
68 7.4 5.9 8.9

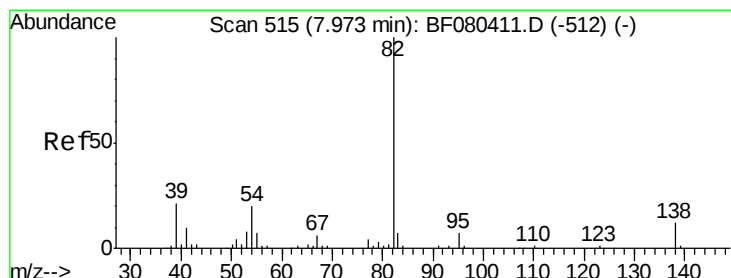
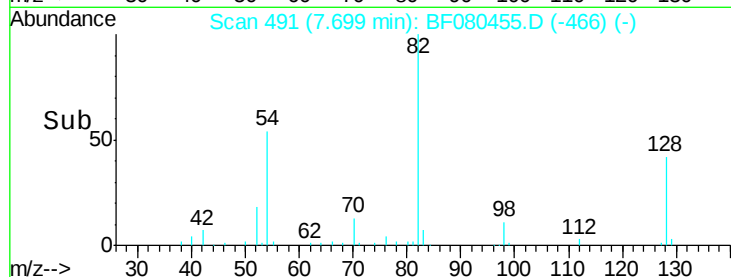
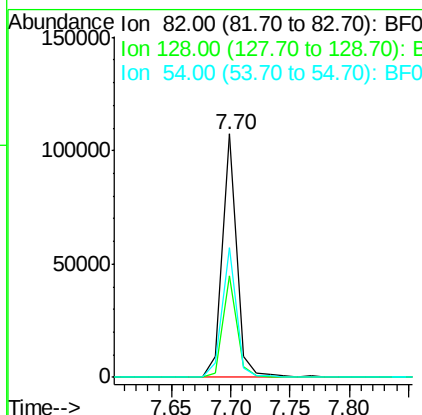
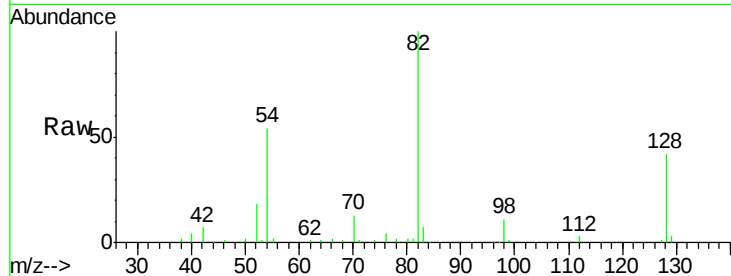




#23
 Nitrobenzene-d5
 Concen: 74.43 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

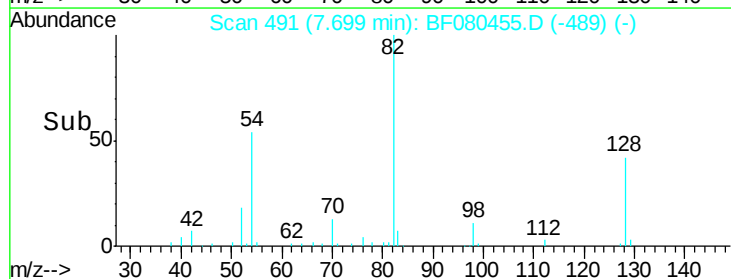
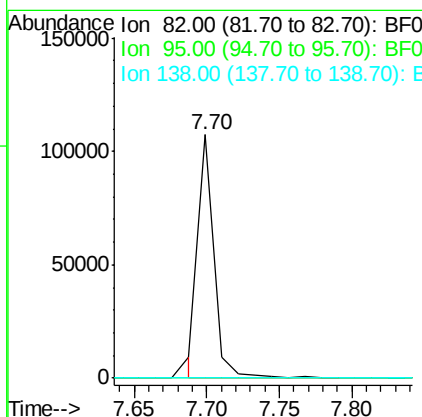
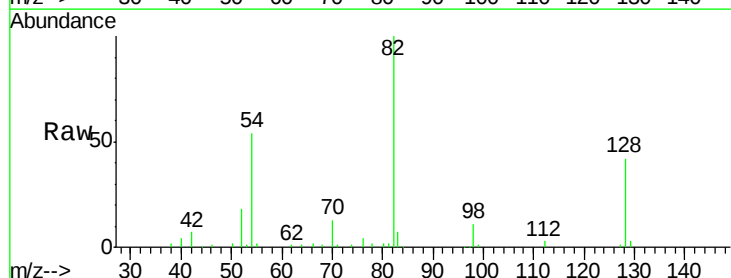
Instrument :
 BNA_F
 ClientSampleID :
 PB84467BL

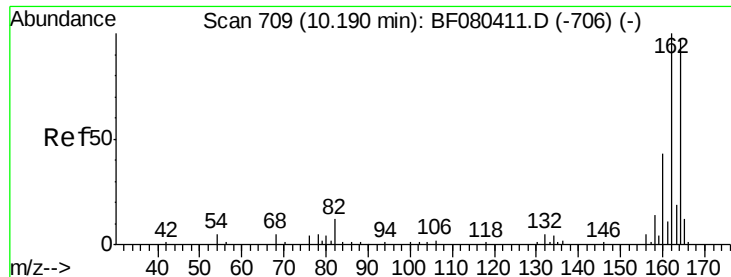
Tgt Ion: 82 Resp: 89571
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.9 40.3#
 54 53.5 47.7 71.5



#25
 Isophorone
 Concen: 38.57 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.27 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Tgt Ion: 82 Resp: 83192
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 9.5 14.3#

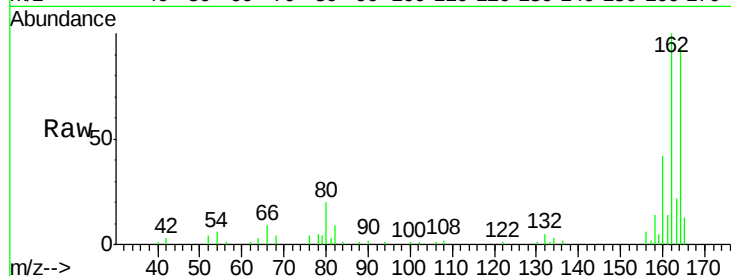




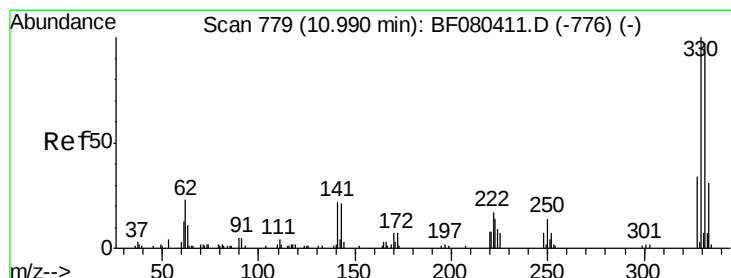
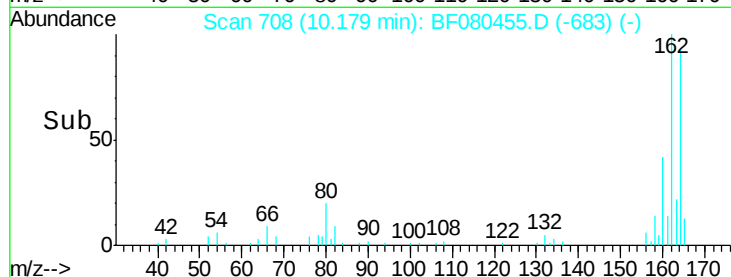
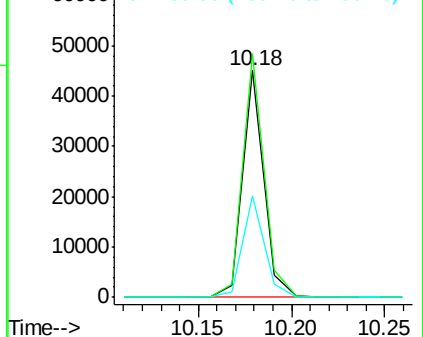
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Instrument :
BNA_F
ClientSampleId :
PB84467BL

Tgt Ion:164 Resp: 35825
Ion Ratio Lower Upper
164 100
162 107.4 82.7 124.1
160 44.6 35.5 53.3

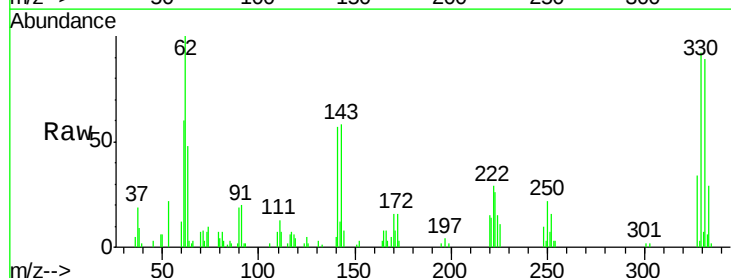


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

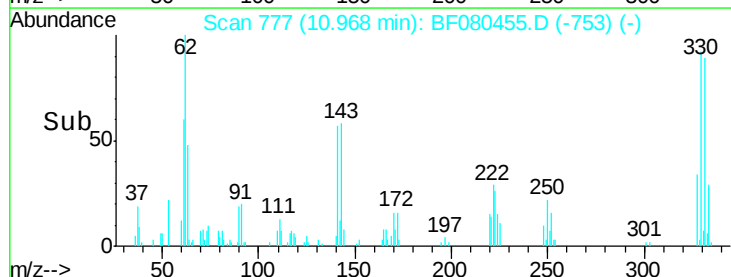
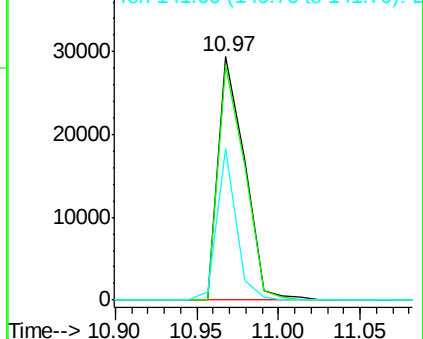


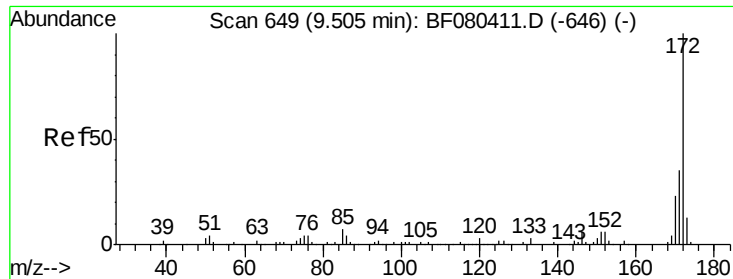
#41
2,4,6-Tribromophenol
Concen: 95.05 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Tgt Ion:330 Resp: 33233
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 45.3 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

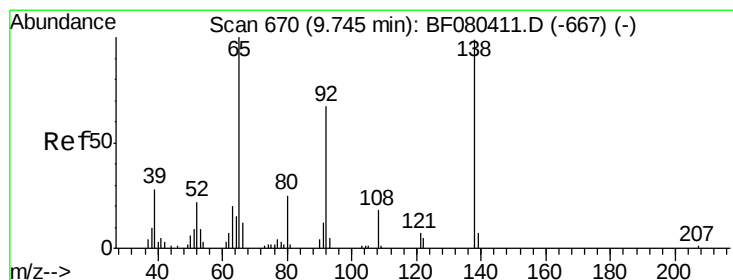
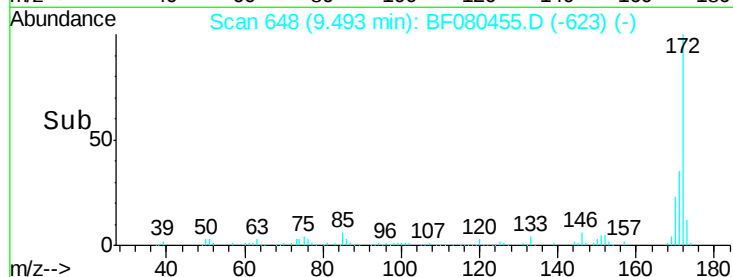
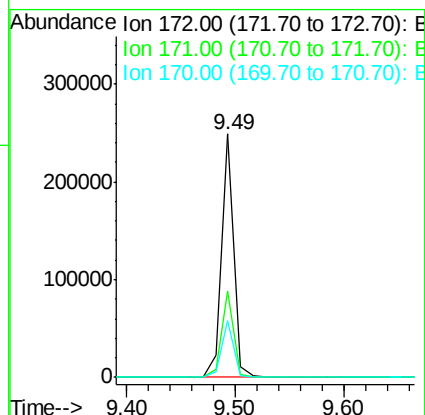
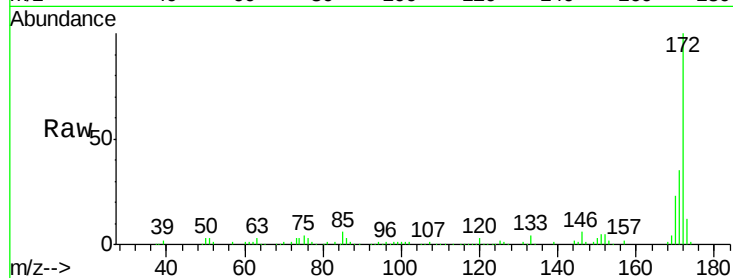




#44
 2-Fluorobiphenyl
 Concen: 73.68 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

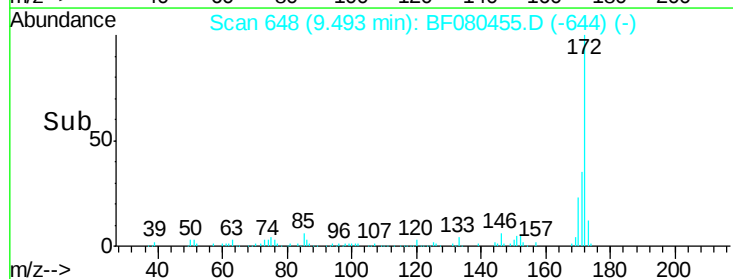
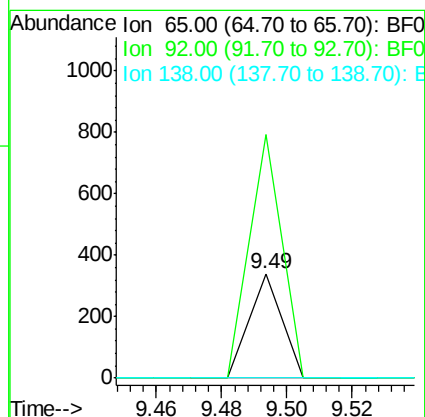
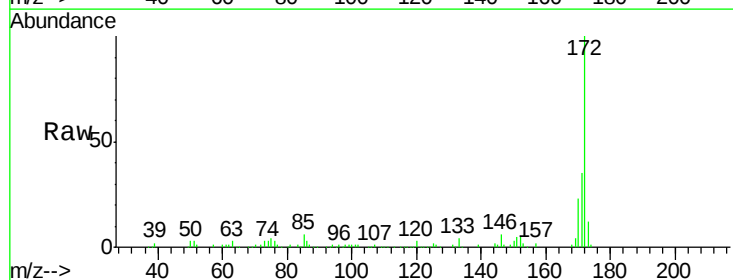
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

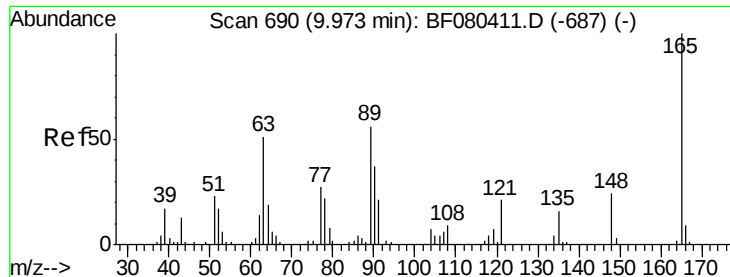
Tgt Ion: 172 Resp: 195969
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 23.4 18.6 28.0



#47
 2-Nitroaniline
 Concen: 4.93 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.25 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Tgt Ion: 65 Resp: 233
 Ion Ratio Lower Upper
 65 100
 92 233.2 53.2 79.8#
 138 0.0 78.9 118.3#

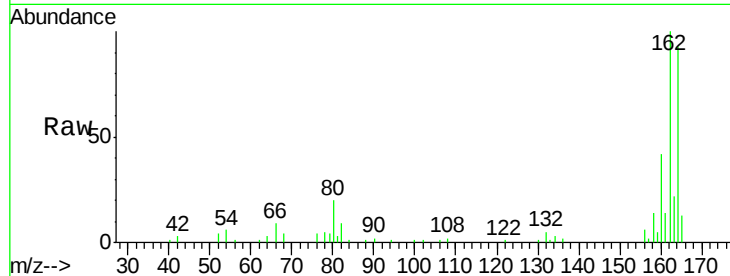




#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.21 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

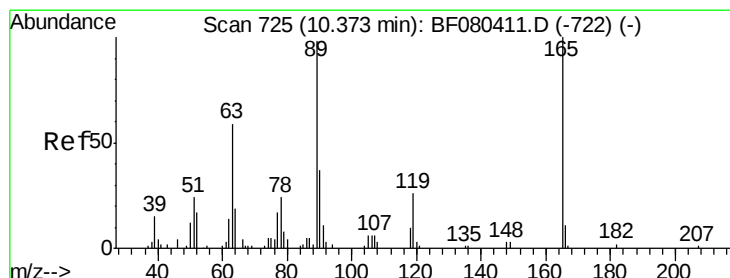
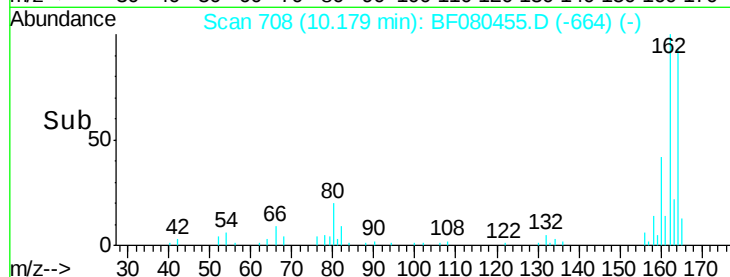
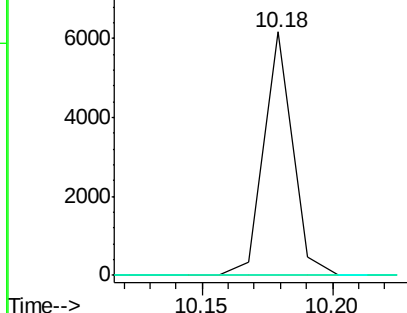
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#



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: 6.74 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.19 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

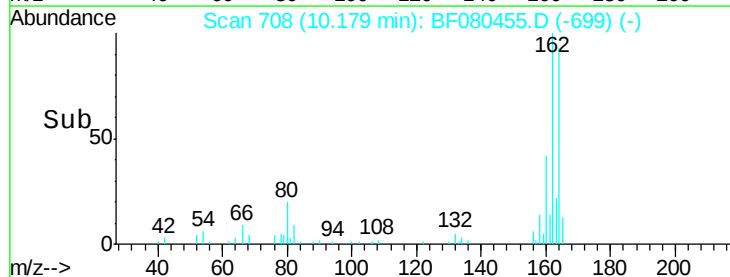
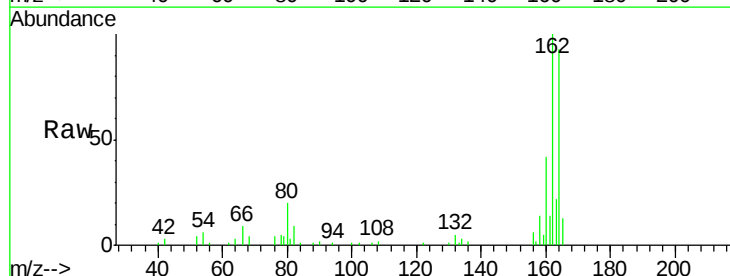
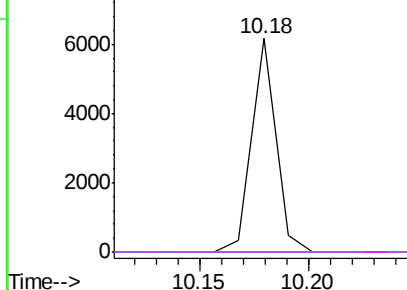
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.7	77.5#
89	0.0	78.6	117.8#
182	0.0	1.8	2.8#

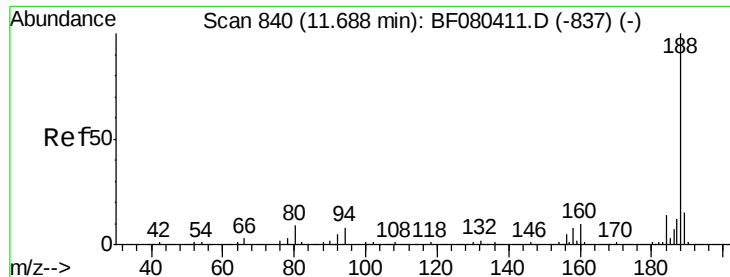
Abundance Ion 165.00 (164.70 to 165.70): E

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

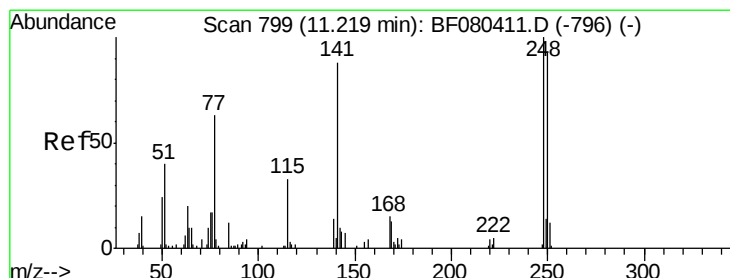
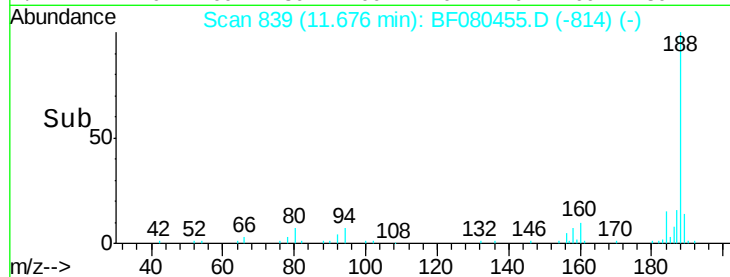
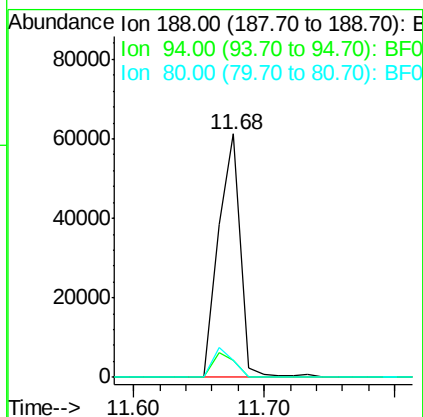
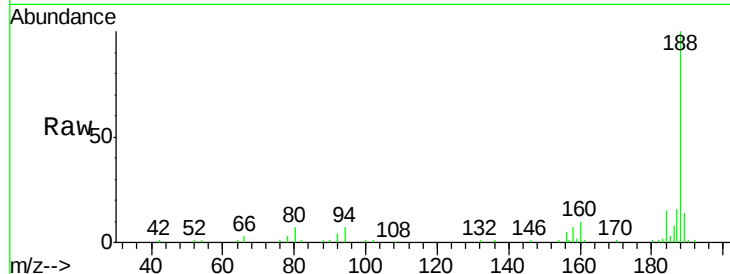




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

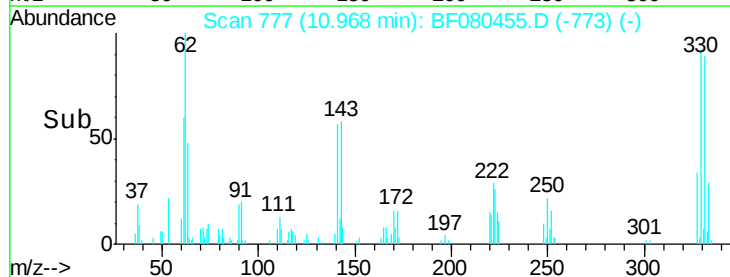
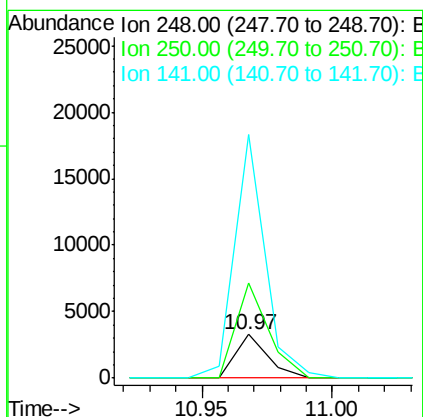
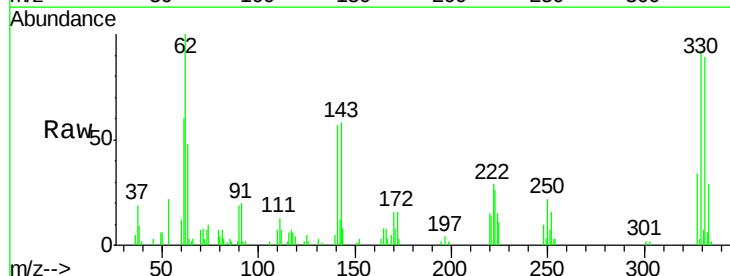
Instrument :
BNA_F
ClientSampleId :
PB84467BL

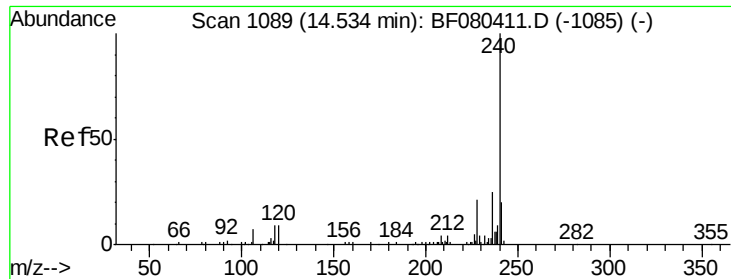
Tgt Ion:188 Resp: 71579
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 7.2 7.5 11.3#



#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.25 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Tgt Ion:248 Resp: 2804
Ion Ratio Lower Upper
248 100
250 219.4 74.2 111.4#
141 561.5 70.7 106.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PB84467BL

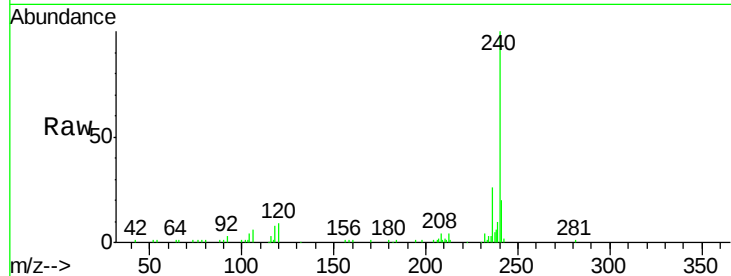
Tgt Ion:240 Resp: 89243

Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.2

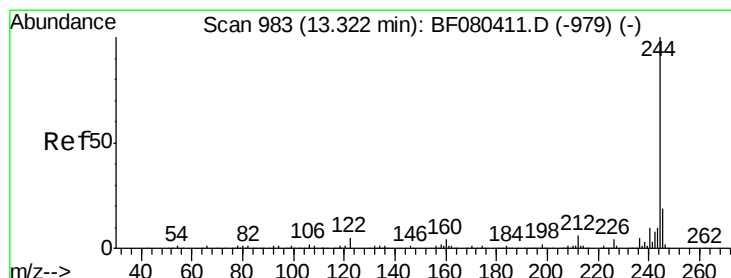
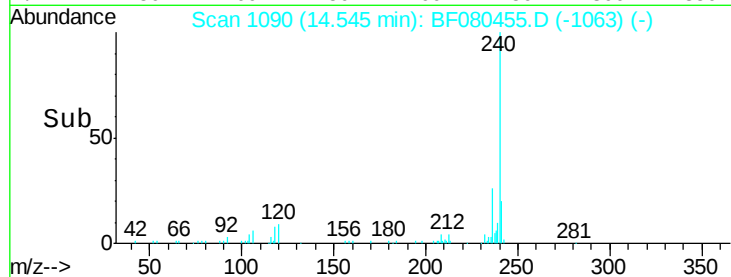
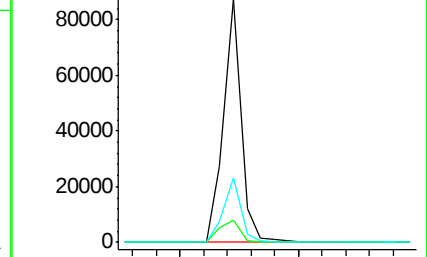
236 26.3 19.7 29.5



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: 63.10 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

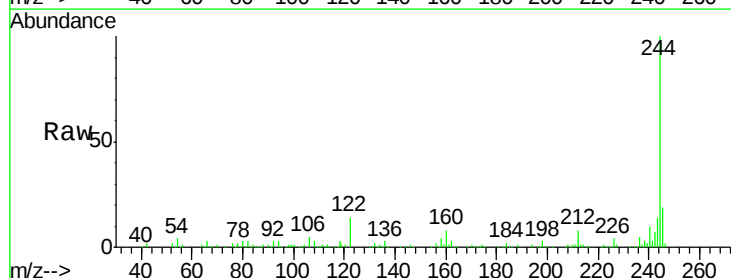
Tgt Ion:244 Resp: 259275

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

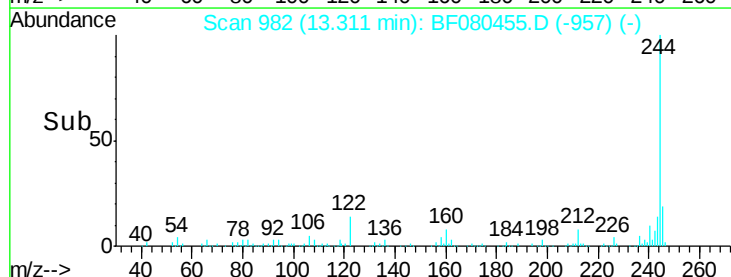
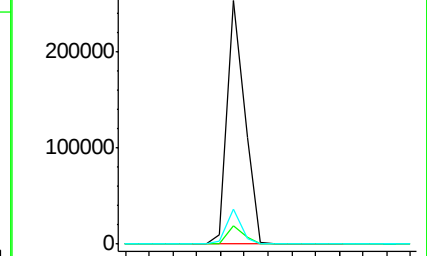
122 14.4 4.1 6.1#

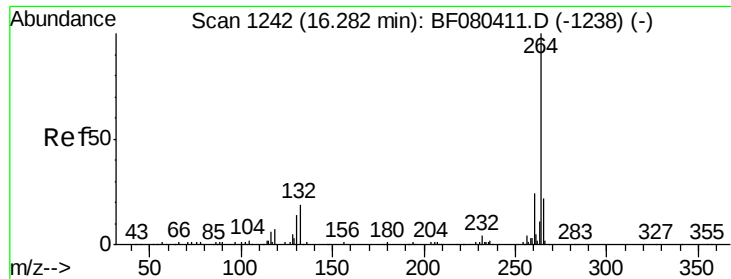


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.32 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Instrument :
BNA_F
ClientSampleId :
PB84467BL

Tgt Ion: 264 Resp: 99979
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.9 17.8 26.8

