

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080086.D
 Acq On : 20 Jun 2015 7:25
 Operator : TP/IZ
 Sample : G2683-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jun 22 00:56:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

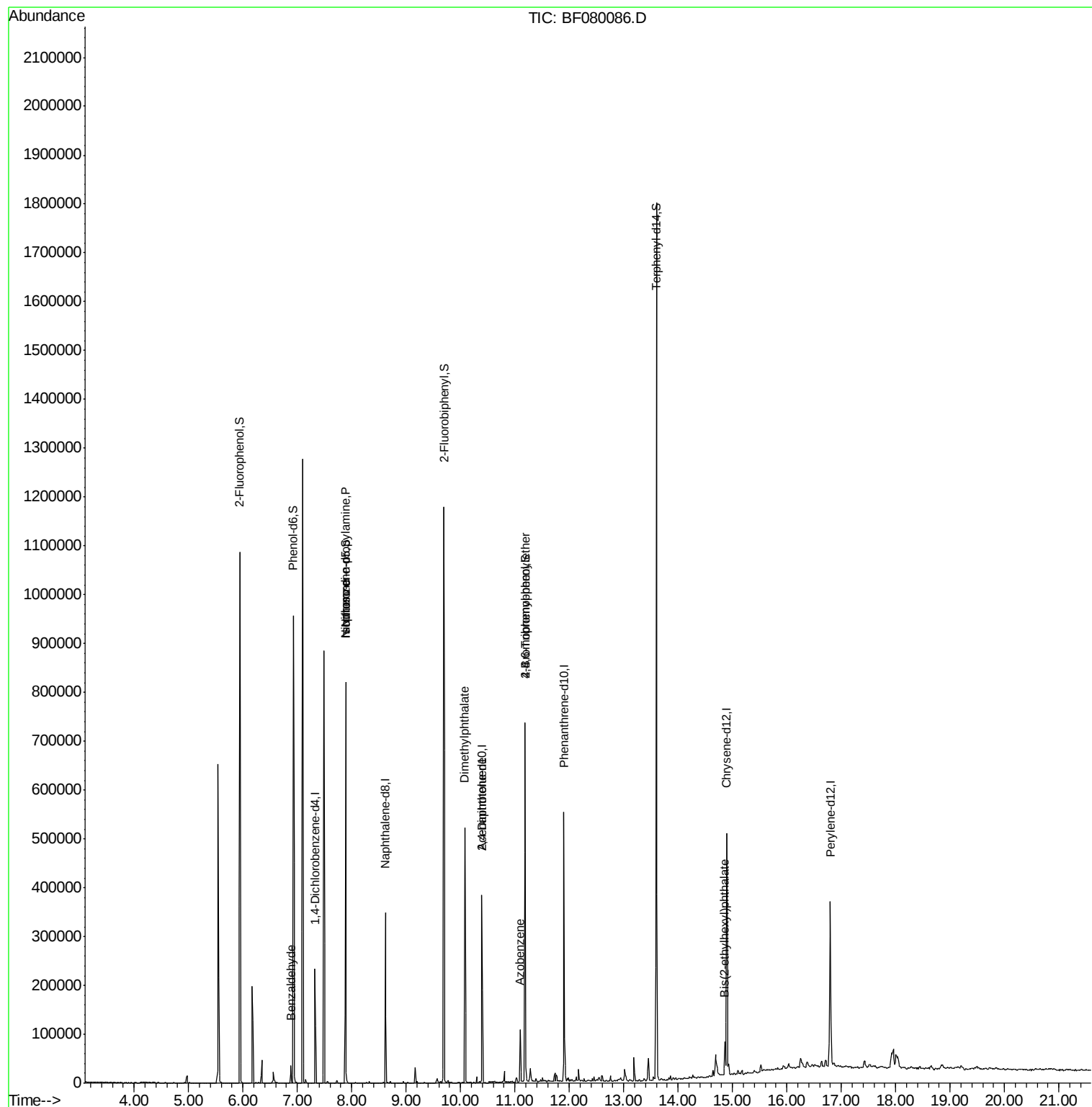
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39250	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	164885	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	85569	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	193036	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	202804	20.00	ng	0.03
86) Perylene-d12	16.80	264	205444	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	295856	133.43	ng	0.00
7) Phenol-d6	6.93	99	361225	122.42	ng	-0.01
23) Nitrobenzene-d5	7.89	82	233705	82.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	108533	129.71	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	451389	75.23	ng	-0.01
78) Terphenyl-d14	13.60	244	577623	66.52	ng	0.01
Target Compounds						
9) Benzaldehyde	6.88	77	8607	5.05	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.89	70	30302	14.79	ng	# 58
25) Isophorone	7.89	82	233741	41.01	ng	# 58
49) Dimethylphthalate	10.08	163	211084	32.81	ng	# 97
56) 2,4-Dinitrotoluene	10.39	165	10739	6.56	ng	# 31
62) Azobenzene	11.10	77	19621	2.98	ng	# 8
66) 4-Bromophenyl-phenylether	11.19	248	7411	3.61	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.86	149	19399	2.45	ng	# 95

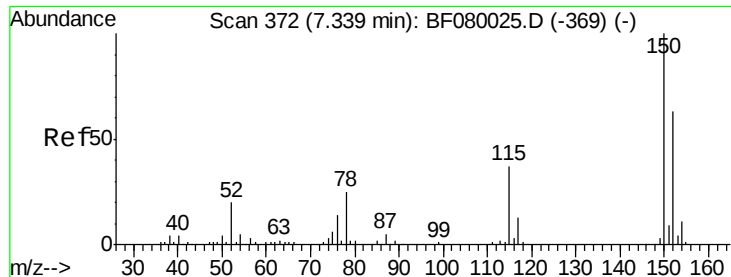
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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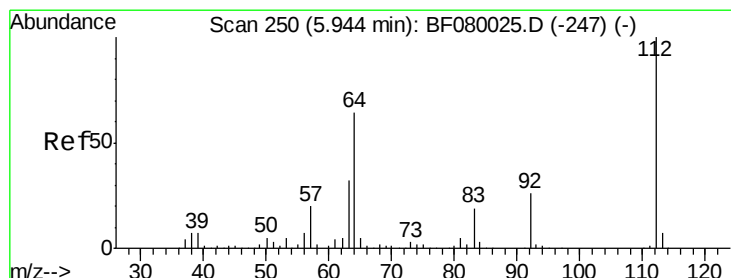
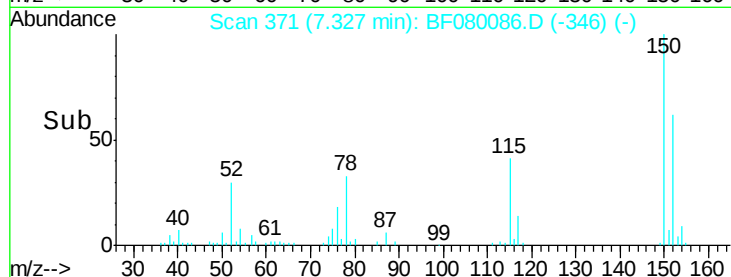
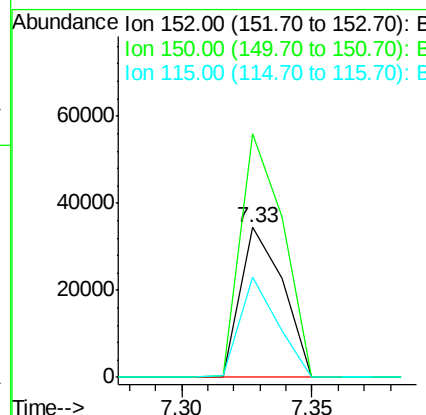
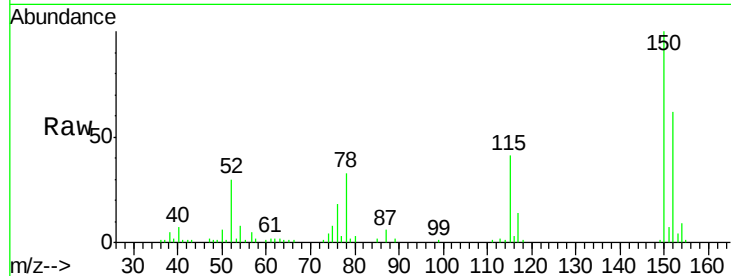




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

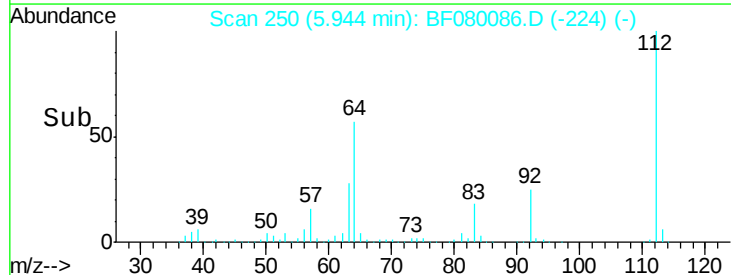
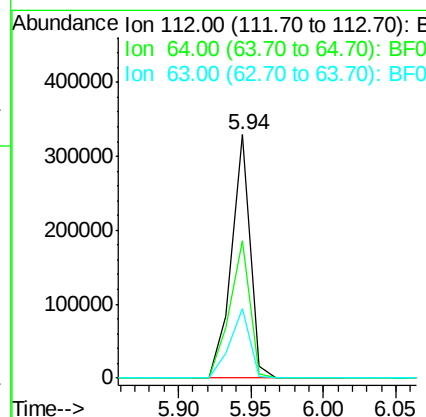
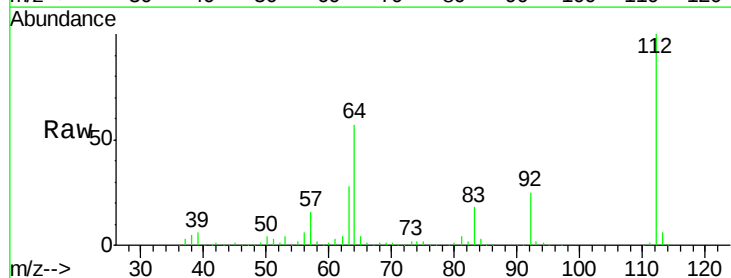
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

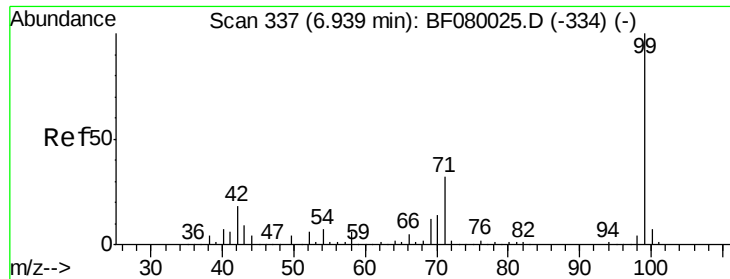
Tgt Ion:152 Resp: 39250
 Ion Ratio Lower Upper
 152 100
 150 162.5 124.7 187.1
 115 67.1 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 133.43 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:112 Resp: 295856
 Ion Ratio Lower Upper
 112 100
 64 56.6 39.7 59.5
 63 28.3 17.4 26.0#





#7

Phenol-d6

Concen: 122.42 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Instrument :

BNA_F

ClientSampleId :

PE-4

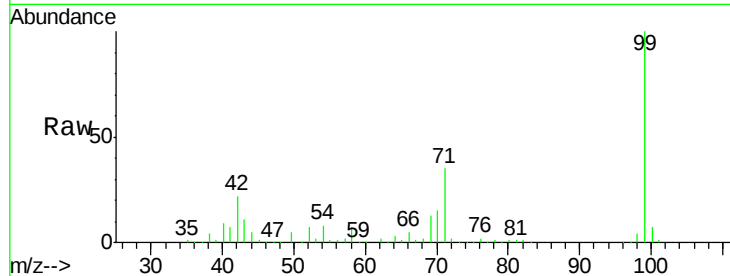
Tgt Ion: 99 Resp: 361225

Ion Ratio Lower Upper

99 100

42 22.0 13.7 20.5#

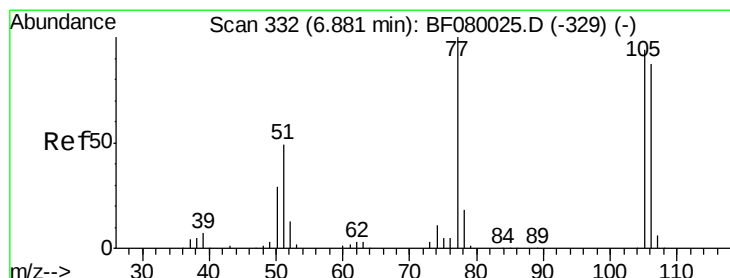
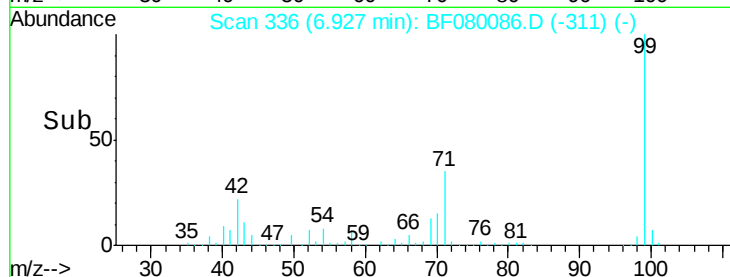
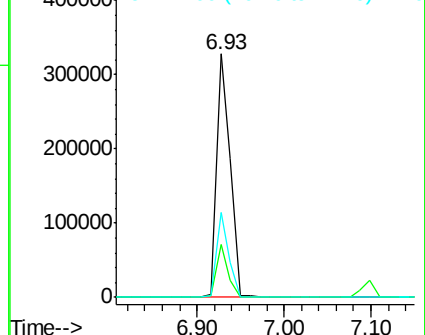
71 34.9 14.2 21.2#



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: 5.05 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

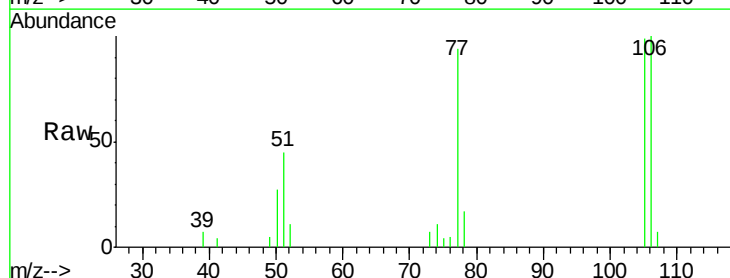
Tgt Ion: 77 Resp: 8607

Ion Ratio Lower Upper

77 100

105 104.6 91.6 131.6

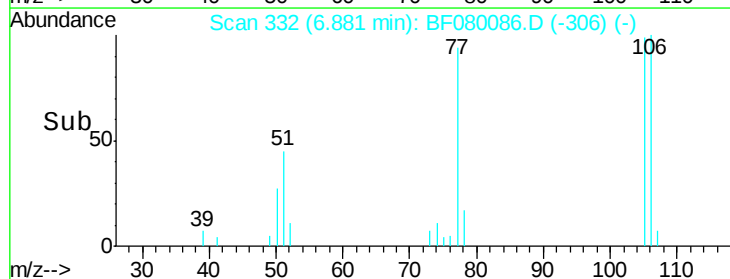
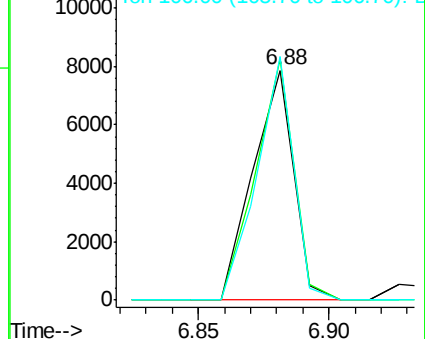
106 105.8 102.6 142.6

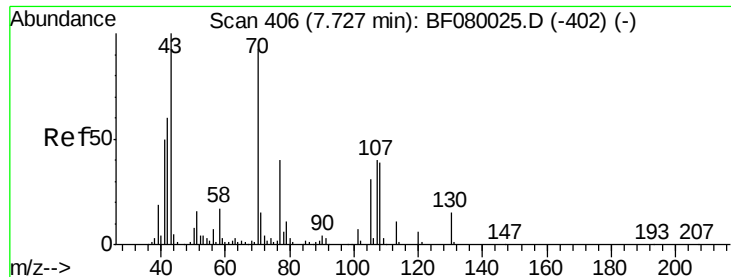


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

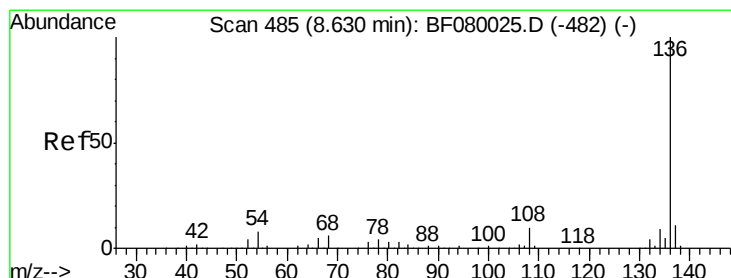
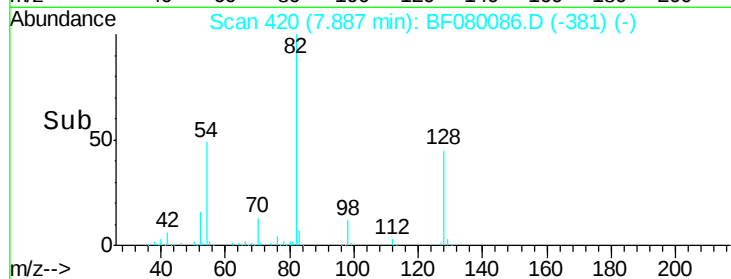
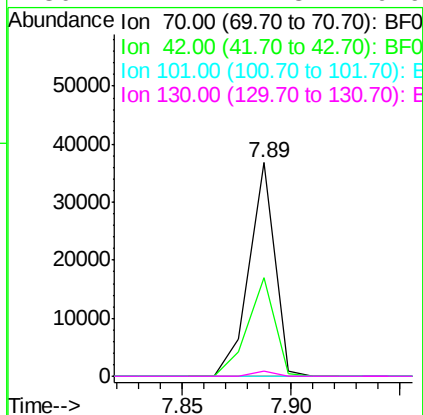
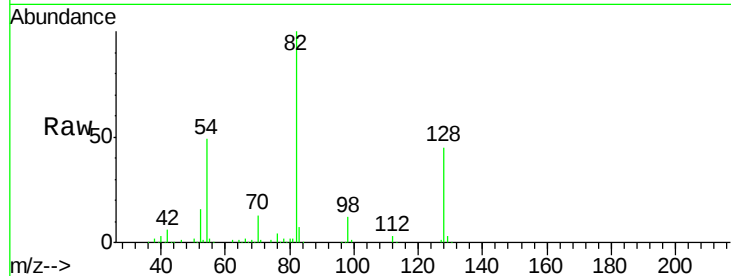




#19
n-Nitroso-di-n-propylamine
Concen: 14.79 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

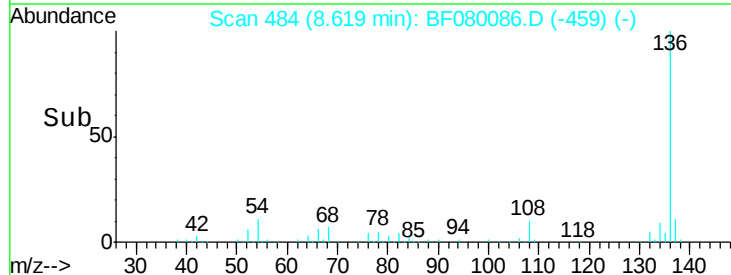
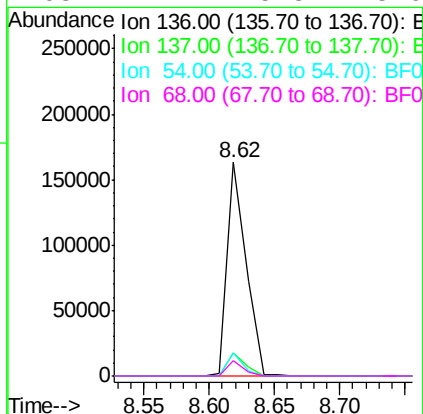
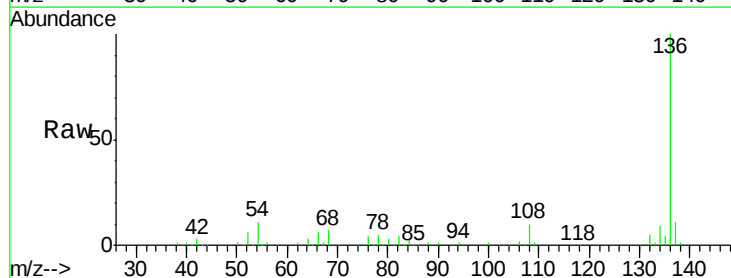
Instrument :
BNA_F
ClientSampled :
PE-4

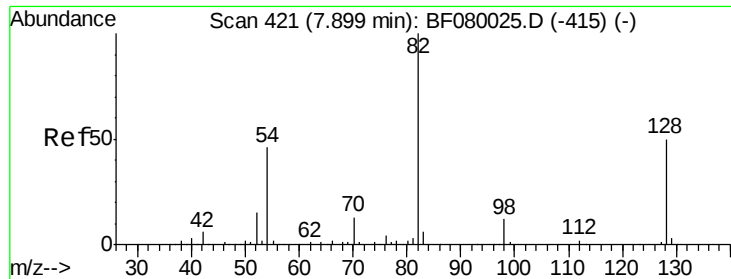
Tgt Ion: 70 Resp: 30302
Ion Ratio Lower Upper
70 100
42 45.9 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Tgt Ion: 136 Resp: 164885
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.7 8.2 12.2
68 7.4 5.8 8.6

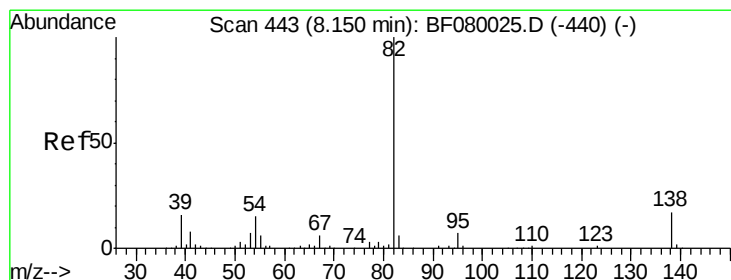
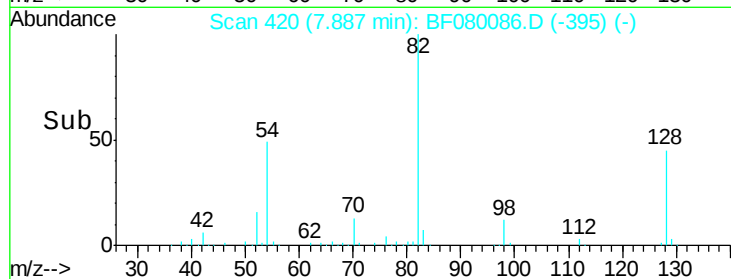
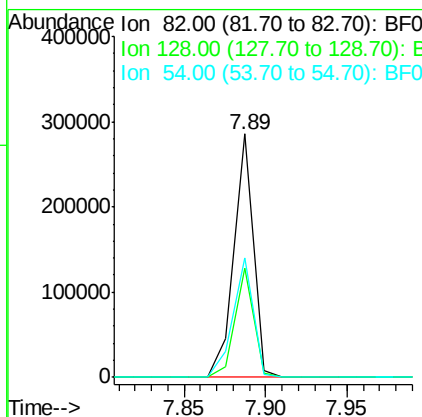
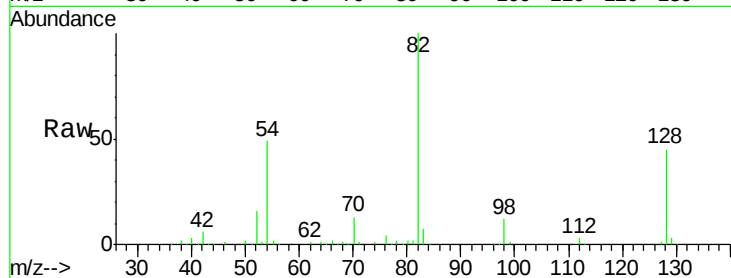




#23
 Nitrobenzene-d5
 Concen: 82.51 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

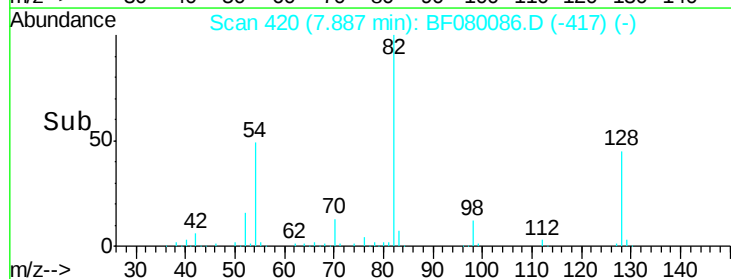
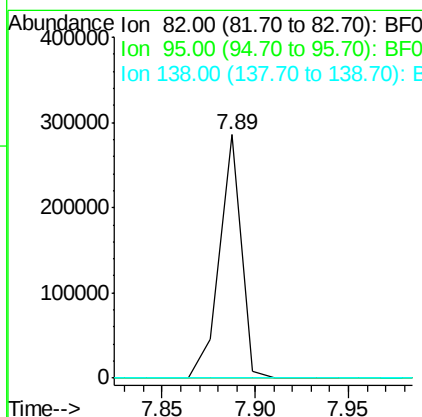
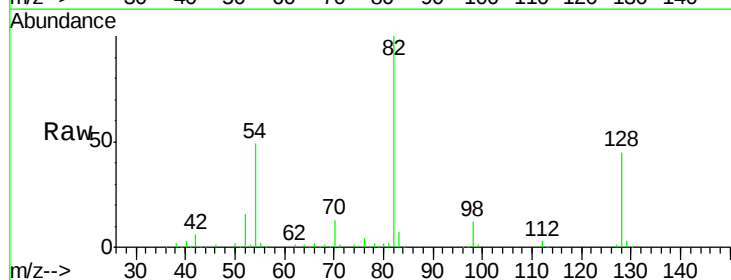
Instrument :
 BNA_F
 ClientSampled :
 PE-4

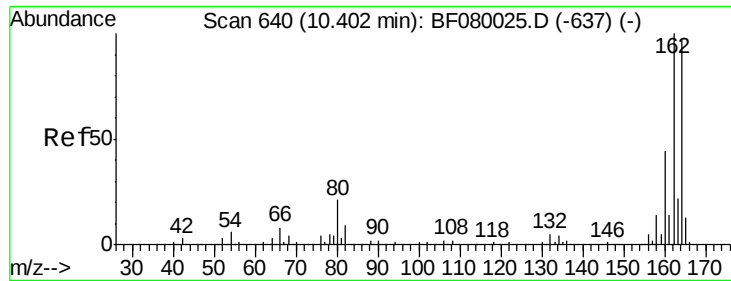
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	51.0	76.6#
54	49.2	47.5	71.3



#25
 Isophorone
 Concen: 41.01 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

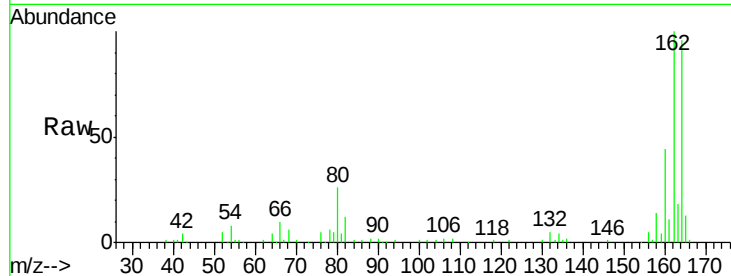




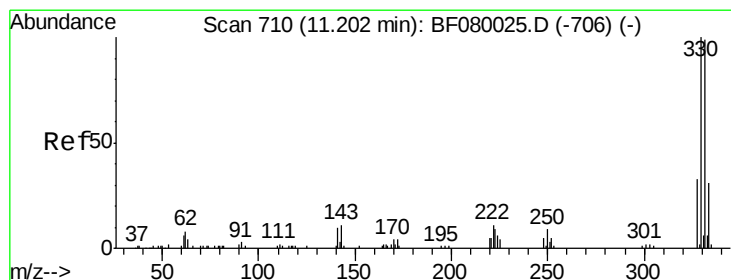
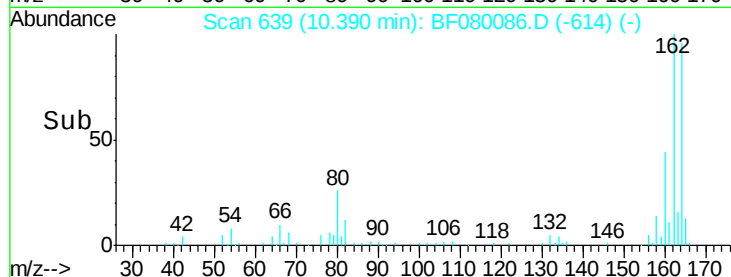
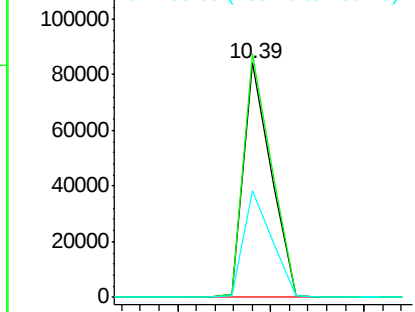
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:164 Resp: 85569
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 45.3 31.5 47.3

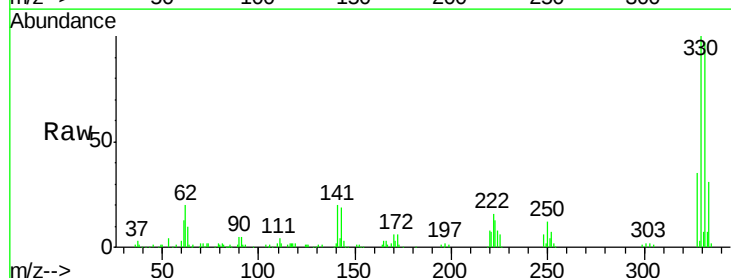


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

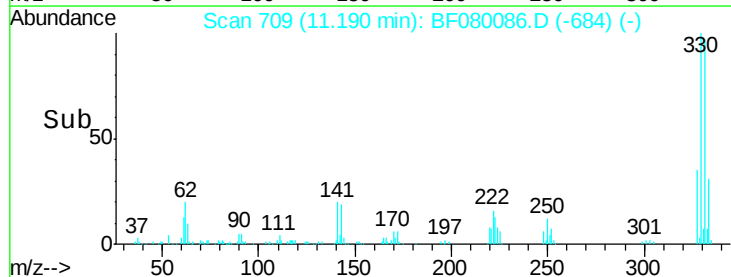
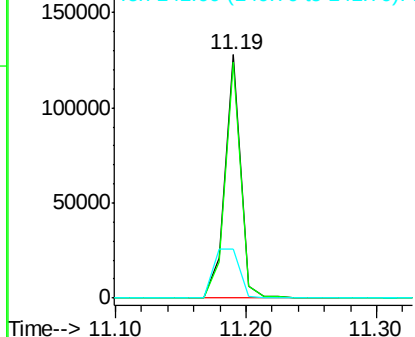


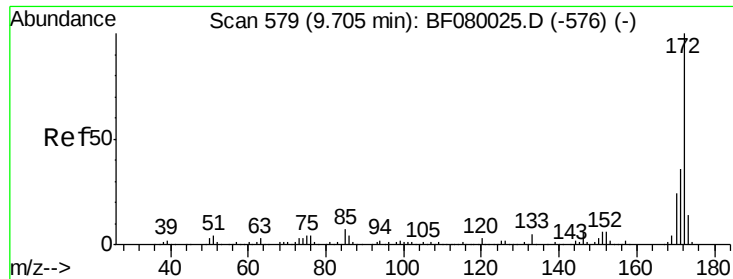
#41
 2,4,6-Tribromophenol
 Concen: 129.71 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:330 Resp: 108533
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 33.7 29.7 44.5



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

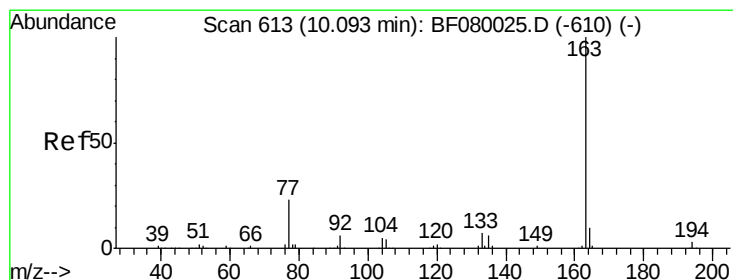
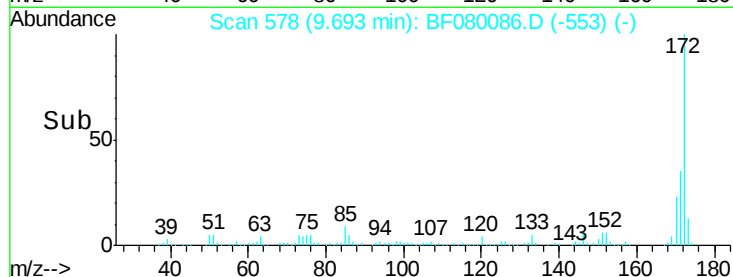
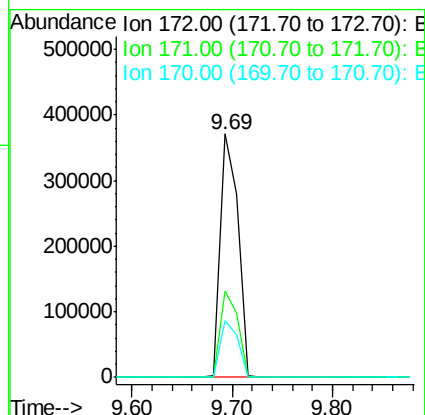
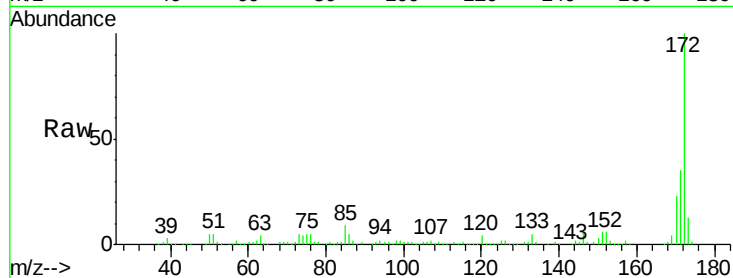




#44
2-Fluorobiphenyl
Concen: 75.23 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

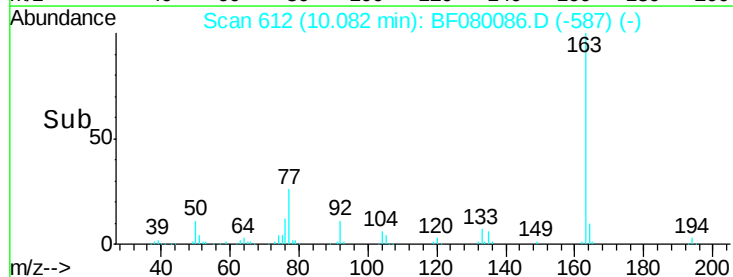
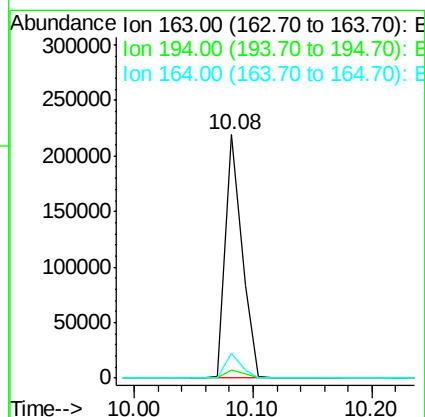
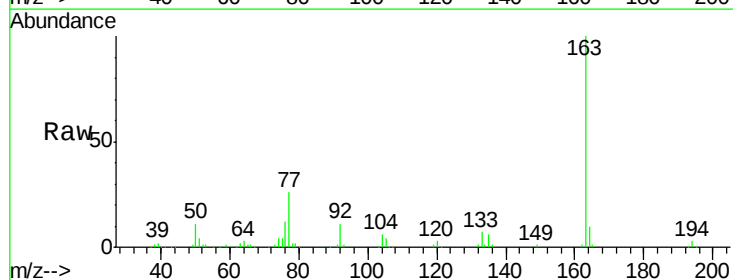
Instrument :
BNA_F
ClientSampleId :
PE-4

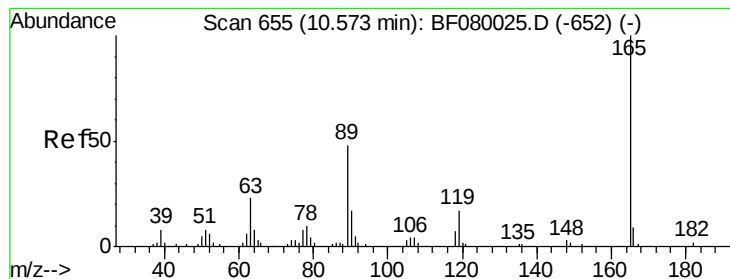
Tgt Ion:172 Resp: 451389
Ion Ratio Lower Upper
172 100
171 35.2 26.1 39.1
170 23.5 17.4 26.2



#49
Dimethylphthalate
Concen: 32.81 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Tgt Ion:163 Resp: 211084
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.2 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.56 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.18 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Instrument :

BNA_F

ClientSampleId :

PE-4

Tgt Ion: 165 Resp: 10739

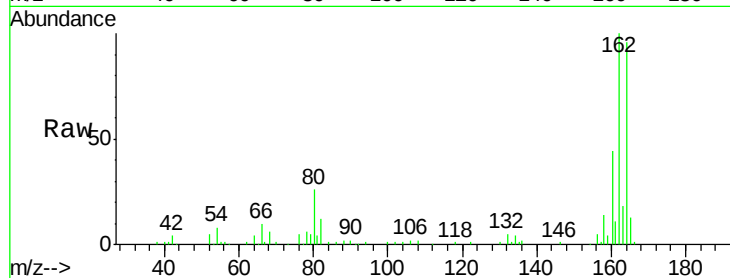
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

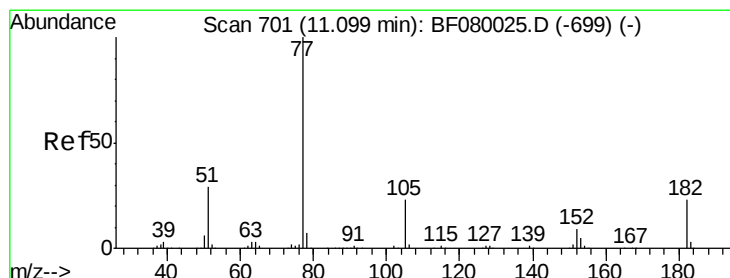
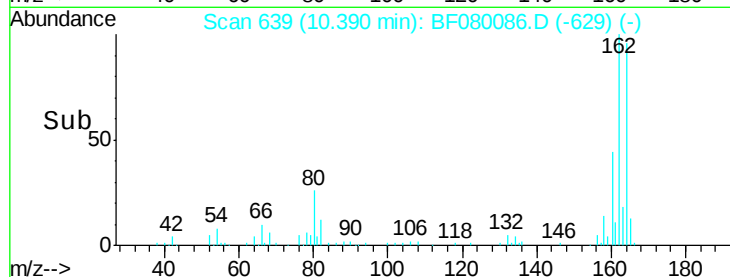
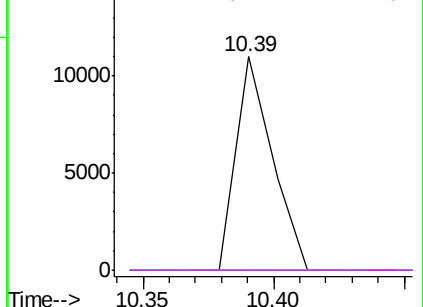


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

Azobenzene

Concen: 2.98 ng

RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Tgt Ion: 77 Resp: 19621

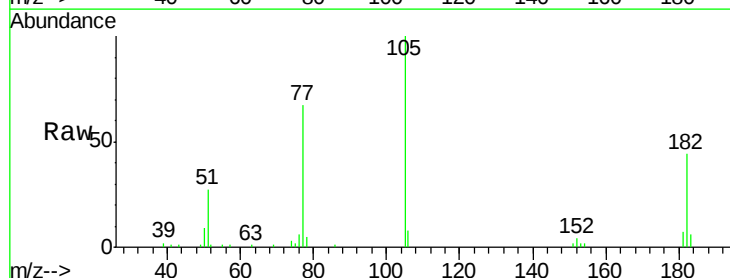
Ion Ratio Lower Upper

77 100

182 65.1 15.1 55.1#

105 149.3 3.4 43.4#

51 40.5 12.0 52.0

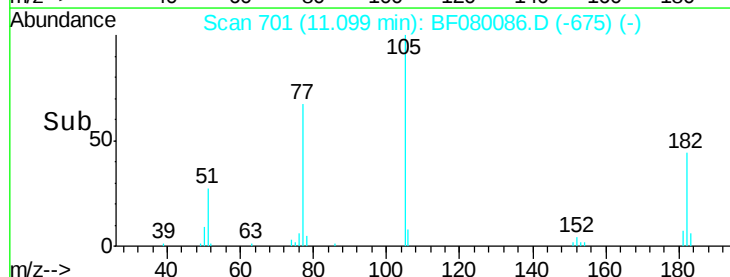
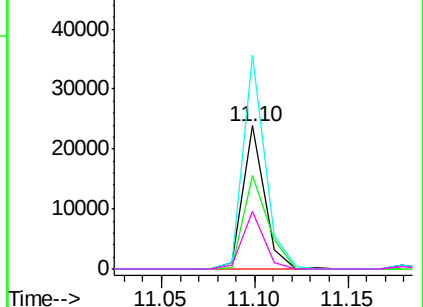


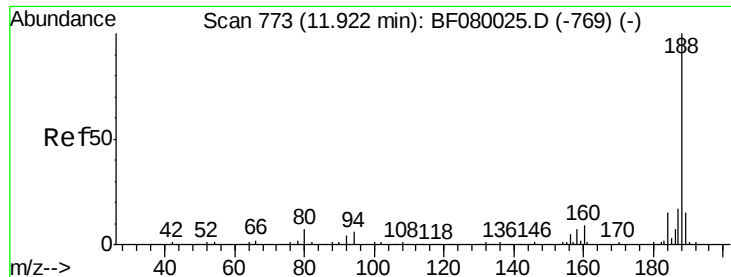
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

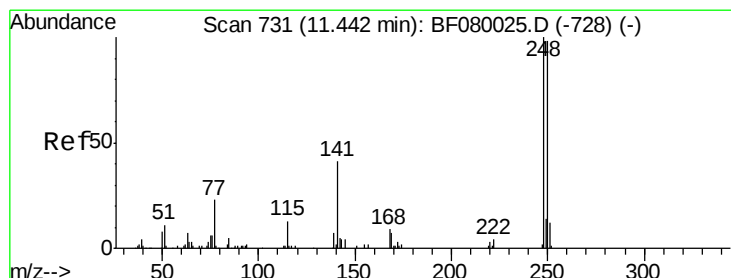
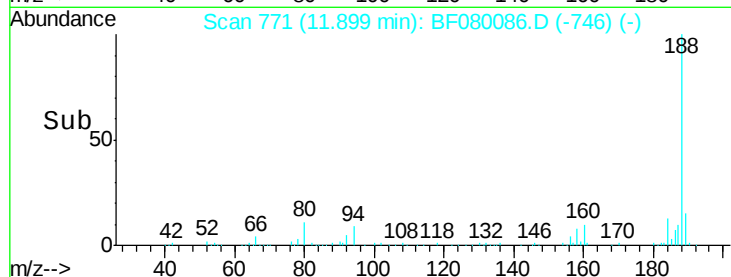
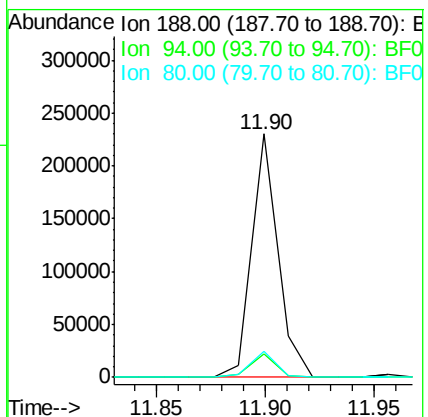
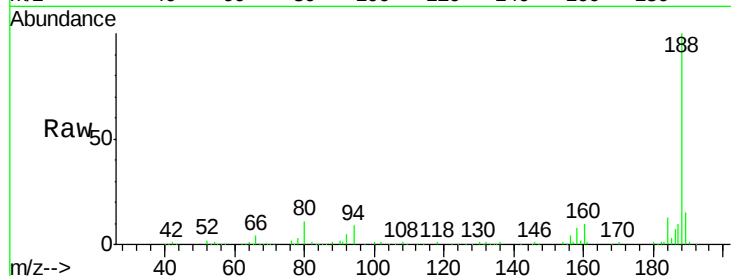




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

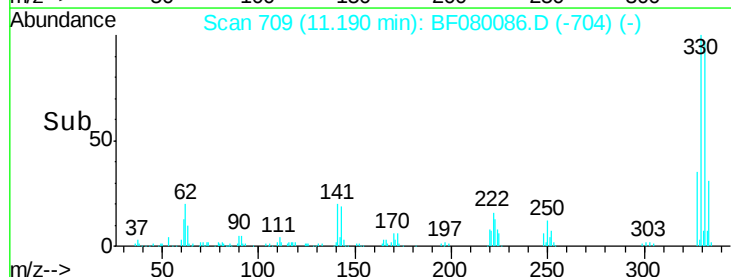
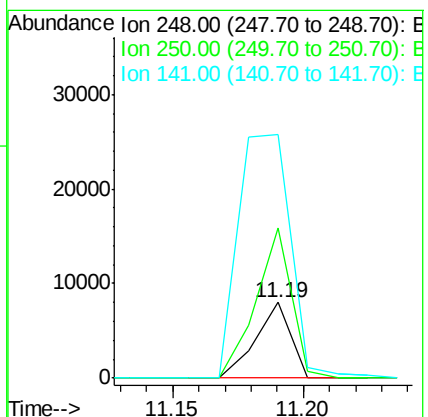
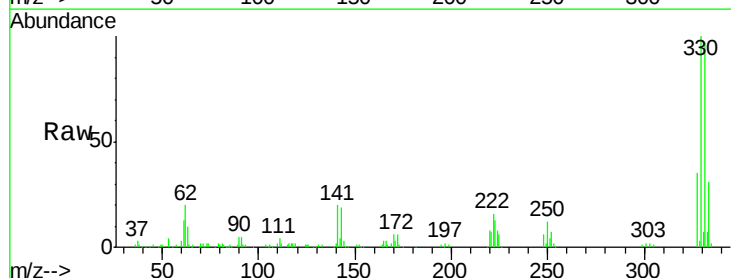
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

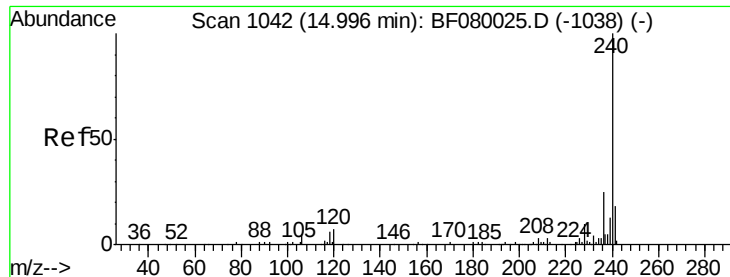
Tgt Ion:188 Resp: 193036
 Ion Ratio Lower Upper
 188 100
 94 9.5 11.1 16.7#
 80 10.7 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:248 Resp: 7411
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.5 117.7#
 141 322.9 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Instrument :

BNA_F

ClientSampleId :

PE-4

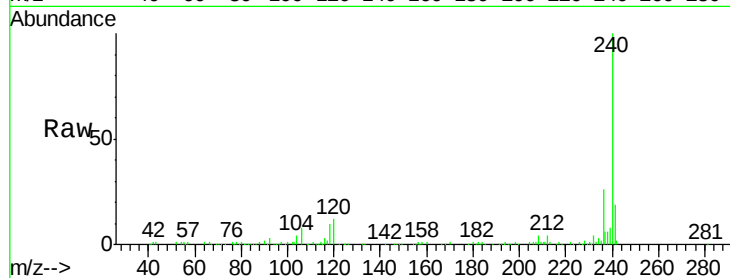
Tgt Ion:240 Resp: 202804

Ion Ratio Lower Upper

240 100

120 11.8 16.2 24.2#

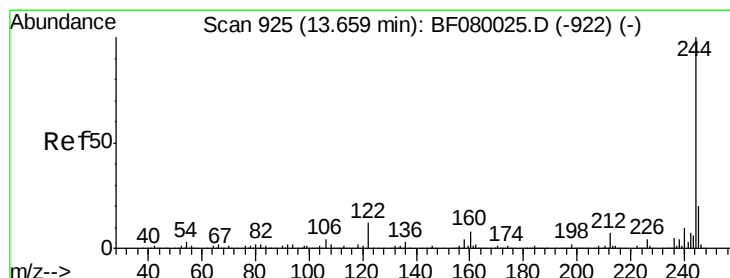
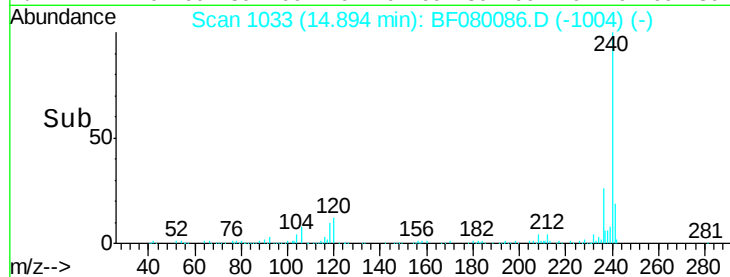
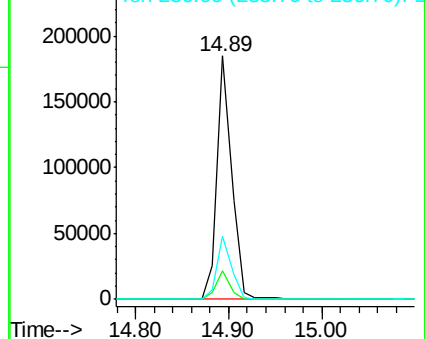
236 25.9 18.4 27.6



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: 66.52 ng

RT: 13.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

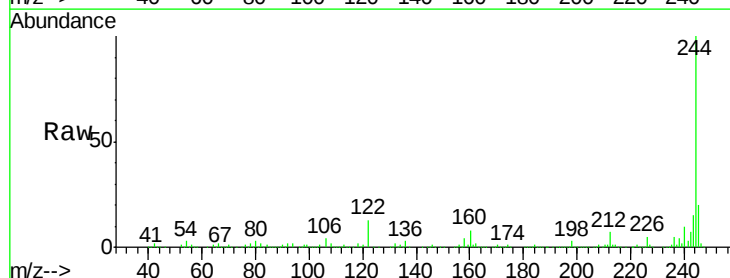
Tgt Ion:244 Resp: 577623

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

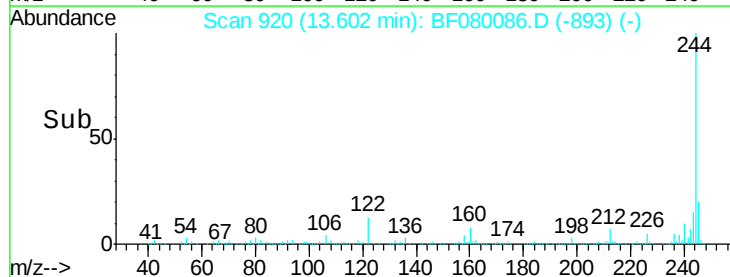
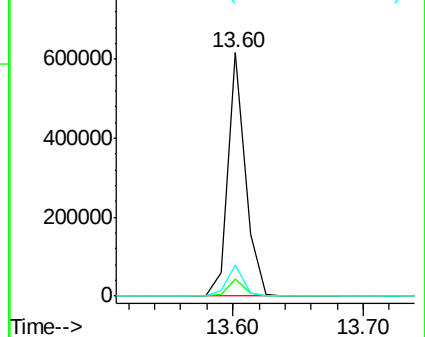
122 12.8 17.4 26.2#

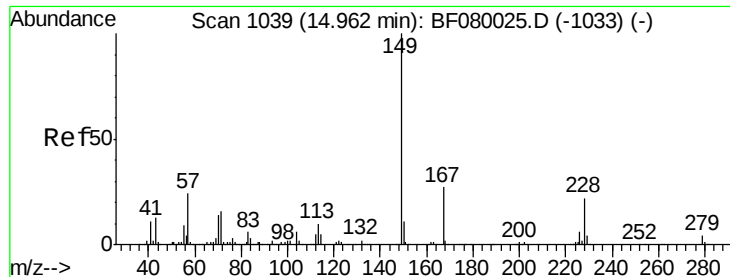


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.45 ng

RT: 14.86 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Instrument :

BNA_F

ClientSampleId :

PE-4

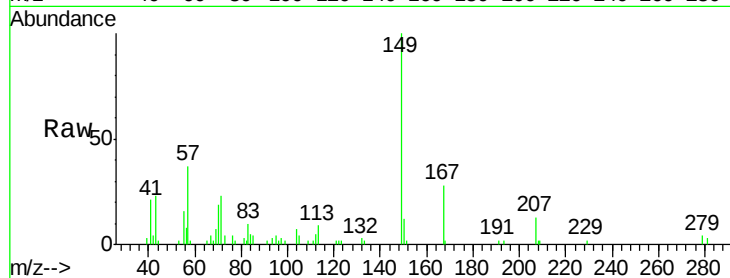
Tgt Ion:149 Resp: 19399

Ion Ratio Lower Upper

149 100

167 27.6 24.2 36.2

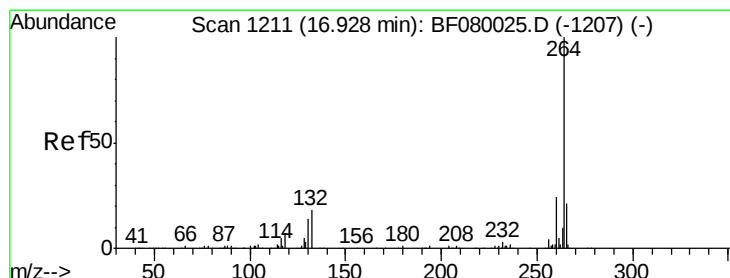
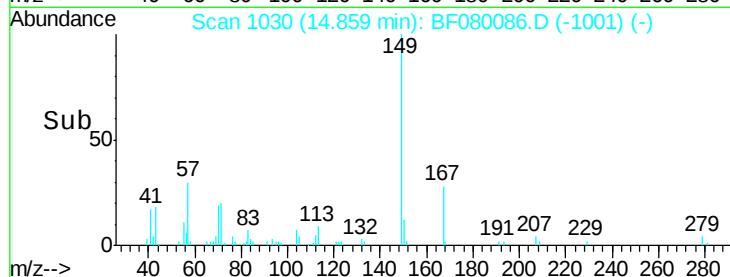
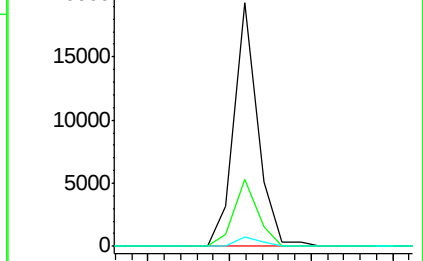
279 3.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.80 min Scan# 1200

Delta R.T. 0.06 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

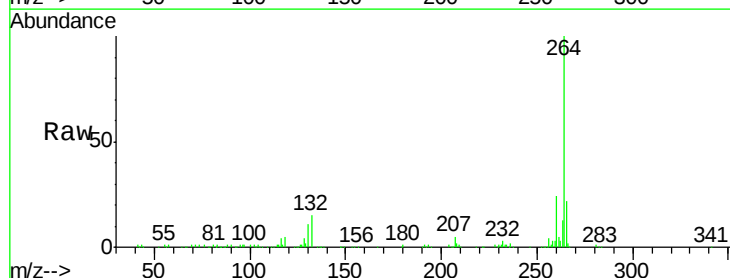
Tgt Ion:264 Resp: 205444

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 22.2 17.2 25.8



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

