

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080087.D
 Acq On : 20 Jun 2015 7:54
 Operator : TP/IZ
 Sample : G2683-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Jun 22 00:57:15 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

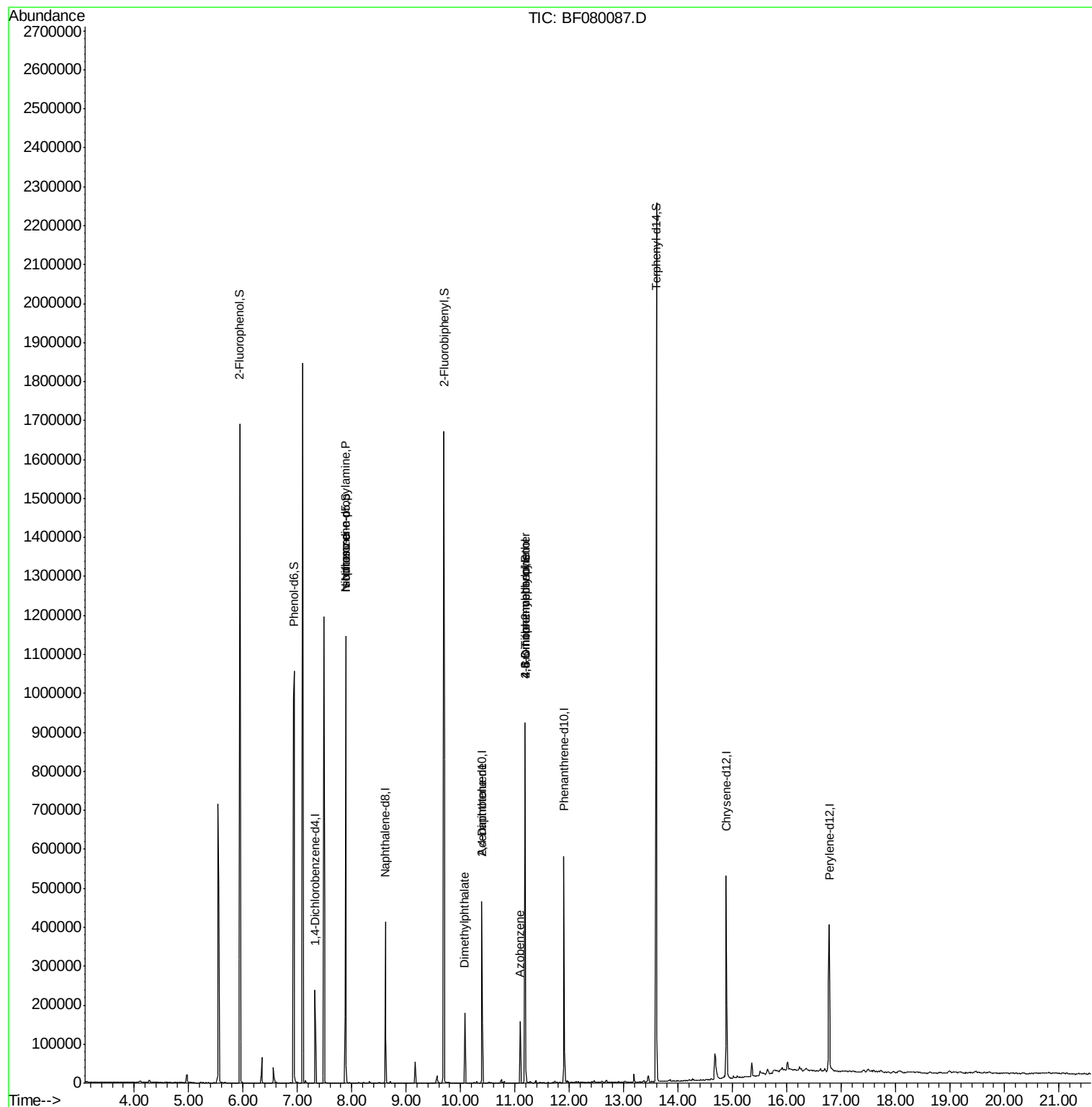
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	43552	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	179938	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	92563	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	200040	20.00	ng	-0.01
75) Chrysene-d12	14.88	240	210926	20.00	ng	0.02
86) Perylene-d12	16.78	264	209855	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	413287	167.98	ng	0.00
7) Phenol-d6	6.94	99	532647	162.69	ng	0.00
23) Nitrobenzene-d5	7.89	82	324609	105.02	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	140252	154.95	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	605183	93.24	ng	-0.01
78) Terphenyl-d14	13.60	244	787390	87.18	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	42823	18.84	ng	# 58
25) Isophorone	7.89	82	324601	52.18	ng	# 58
49) Dimethylphthalate	10.08	163	68208	9.80	ng	# 97
56) 2,4-Dinitrotoluene	10.39	165	11626	6.57	ng	# 31
62) Azobenzene	11.10	77	28182	3.95	ng	# 9
64) 4,6-Dinitro-2-methylphenol	11.19	198	226	3.76	ng	# 1
66) 4-Bromophenyl-phenylether	11.19	248	10200	4.80	ng	# 1

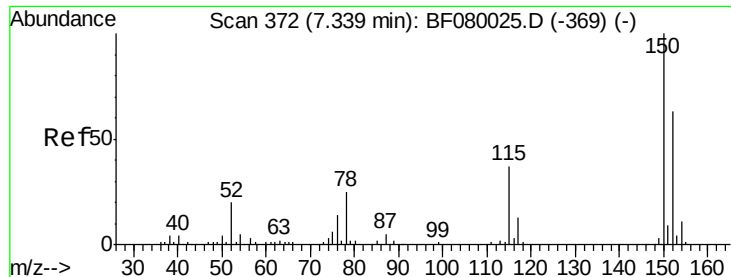
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080087.D
Acq On : 20 Jun 2015 7:54
Operator : TP/IZ
Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Time: Jun 22 00:57:15 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



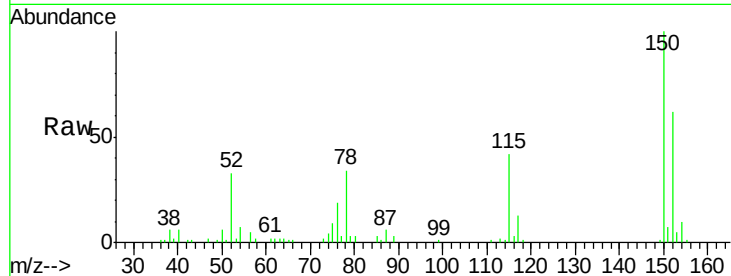


#1

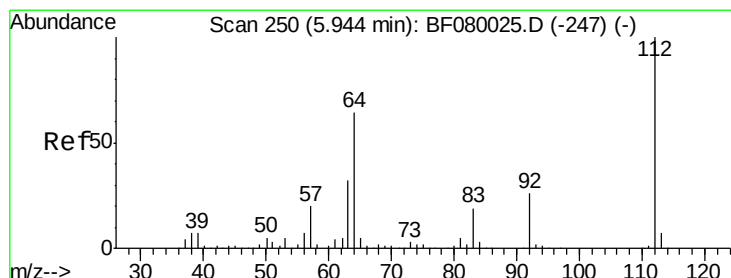
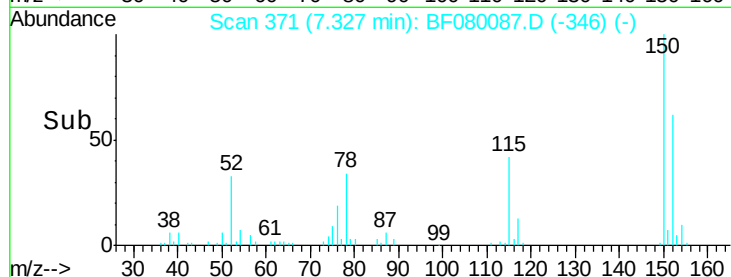
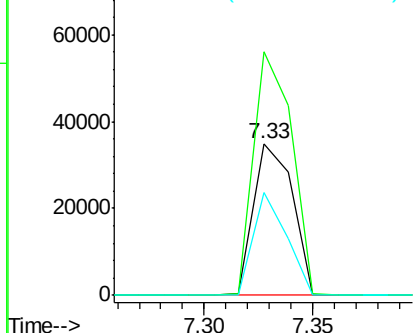
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:152 Resp: 43552
Ion Ratio Lower Upper
152 100
150 160.7 124.7 187.1
115 68.1 39.0 58.4#



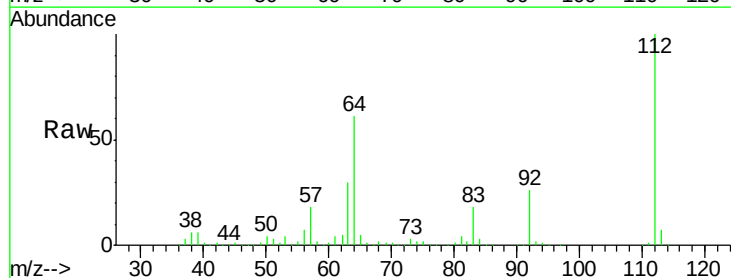
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



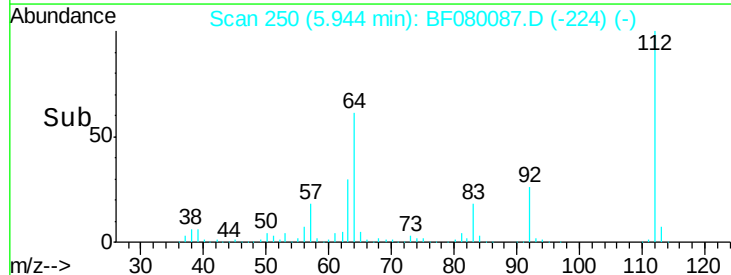
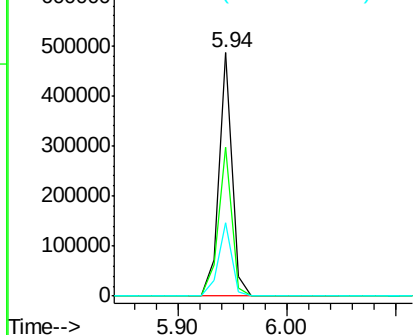
#5

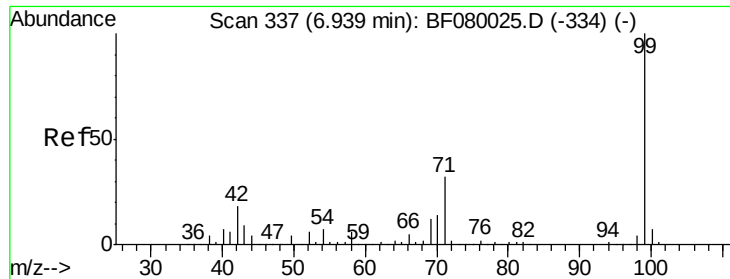
2-Fluorophenol
Concen: 167.98 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Tgt Ion:112 Resp: 413287
Ion Ratio Lower Upper
112 100
64 61.1 39.7 59.5#
63 30.4 17.4 26.0#



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: 162.69 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Instrument :

BNA_F

ClientSampleId :

PE-5

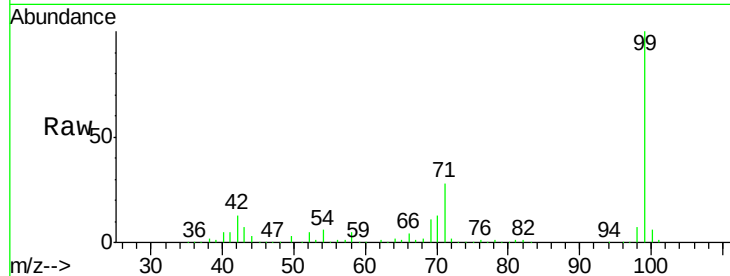
Tgt Ion: 99 Resp: 532647

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

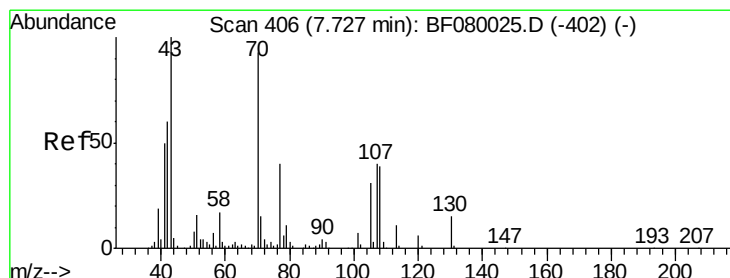
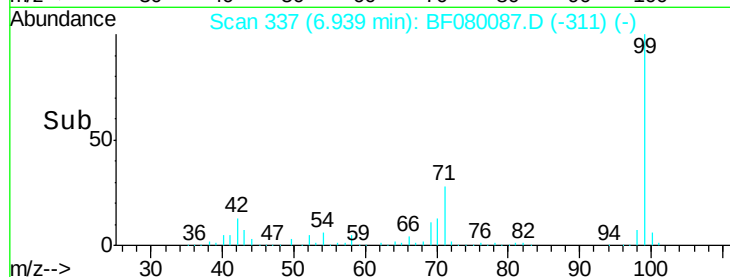
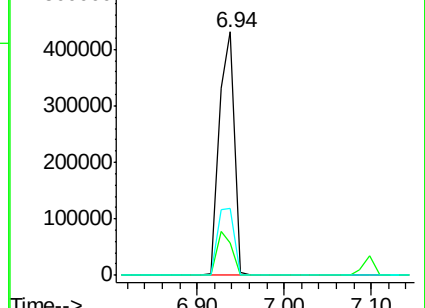
71 27.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.84 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Tgt Ion: 70 Resp: 42823

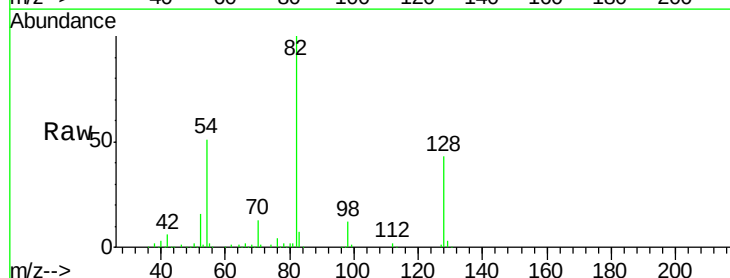
Ion Ratio Lower Upper

70 100

42 46.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

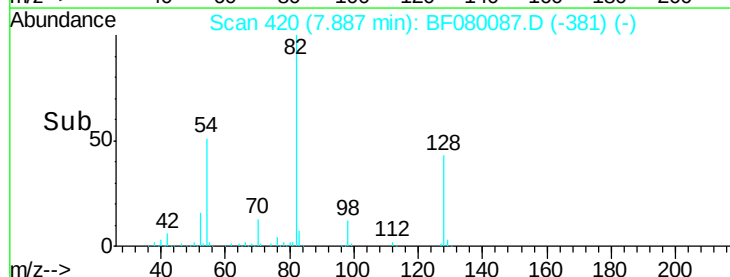
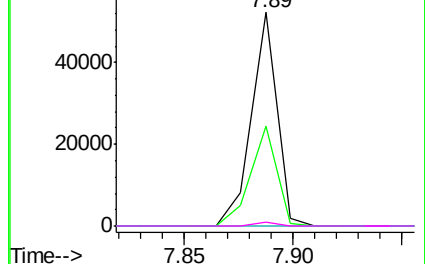


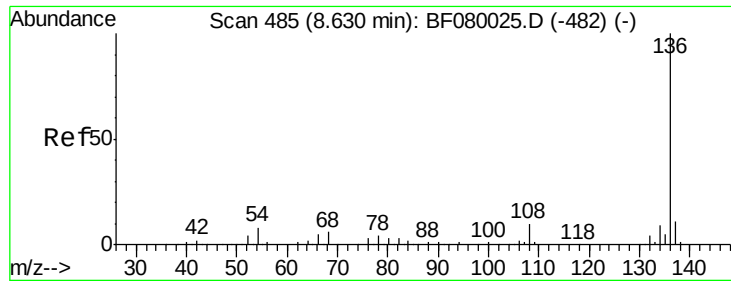
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

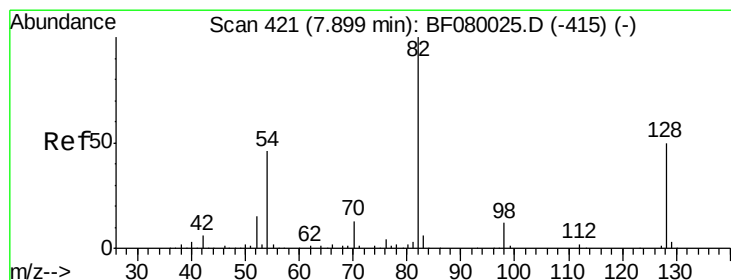
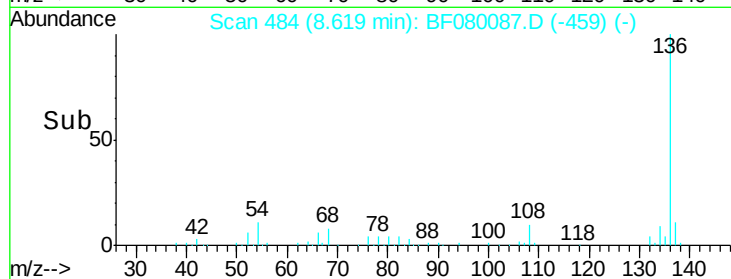
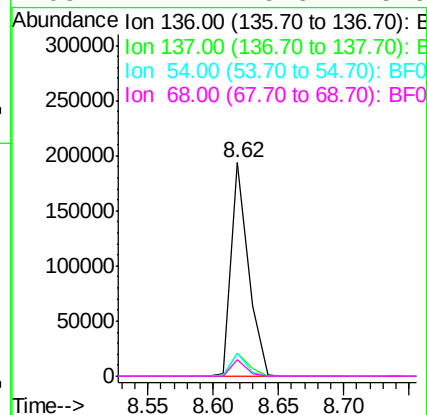
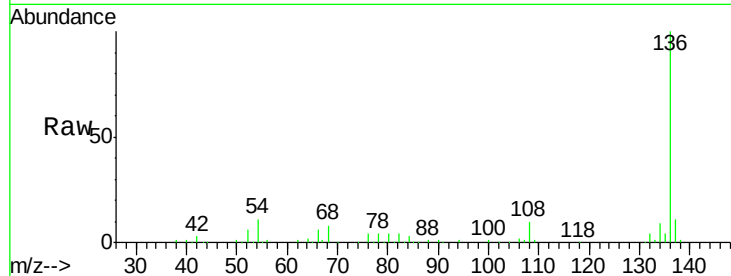




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

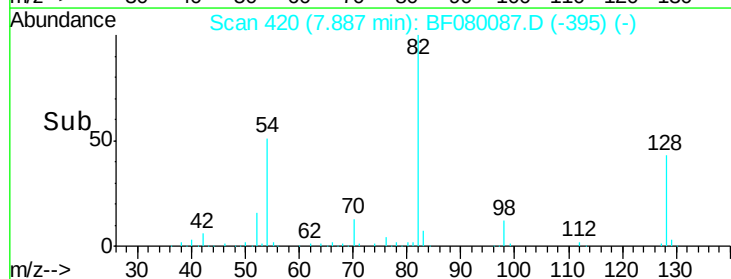
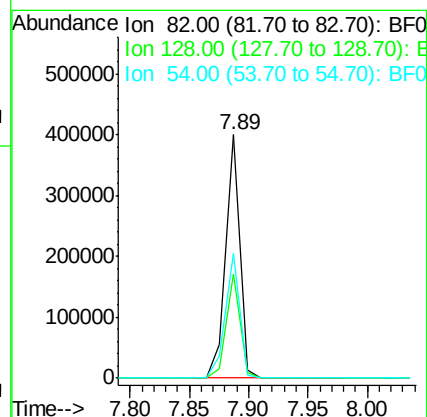
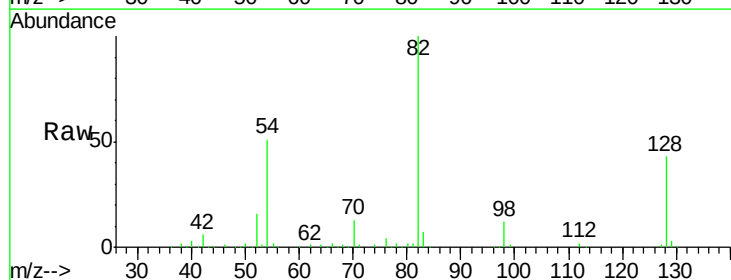
Instrument :
BNA_F
ClientSampleId :
PE-5

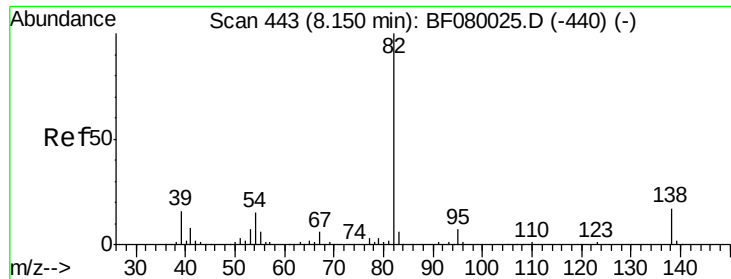
Tgt Ion:	136	Resp:	179938
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.6	8.2	12.2
68	7.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 105.02 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Tgt Ion:	82	Resp:	324609
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	51.3	47.5	71.3





#25

Isophorone

Concen: 52.18 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Instrument :

BNA_F

ClientSampled :

PE-5

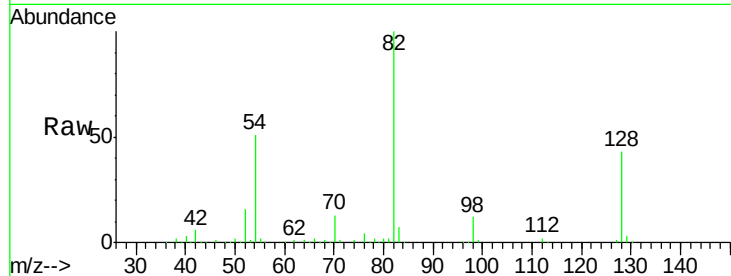
Tgt Ion: 82 Resp: 324601

Ion Ratio Lower Upper

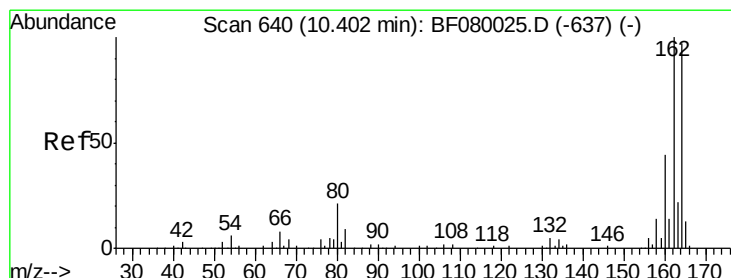
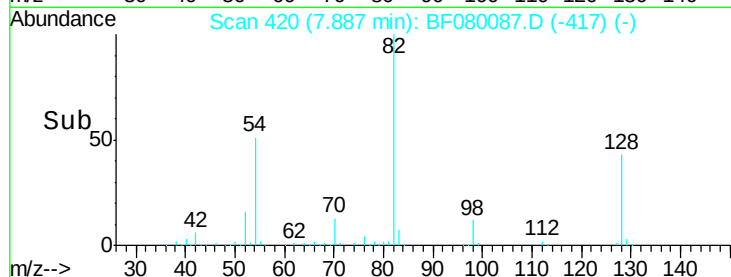
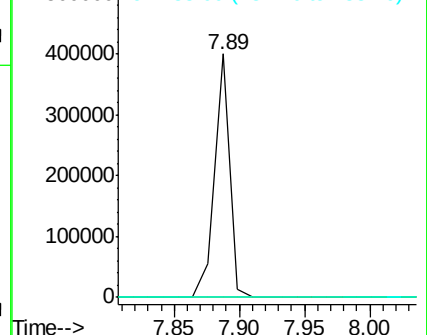
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

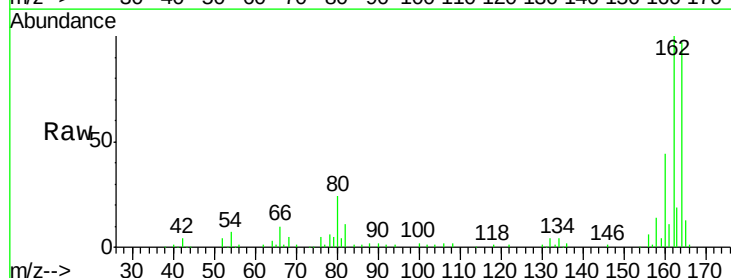
Tgt Ion: 164 Resp: 92563

Ion Ratio Lower Upper

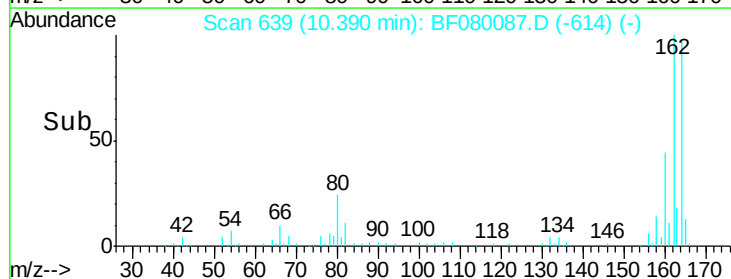
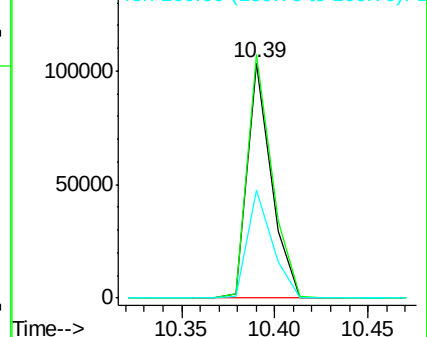
164 100

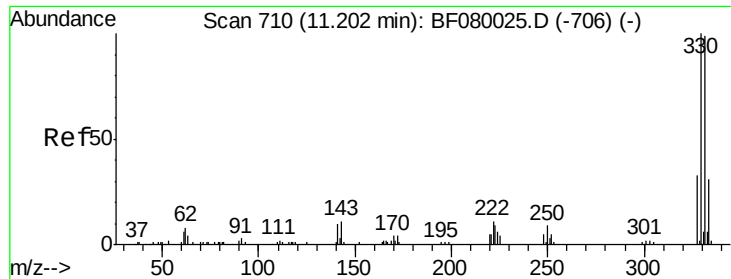
162 103.5 75.2 112.8

160 45.9 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

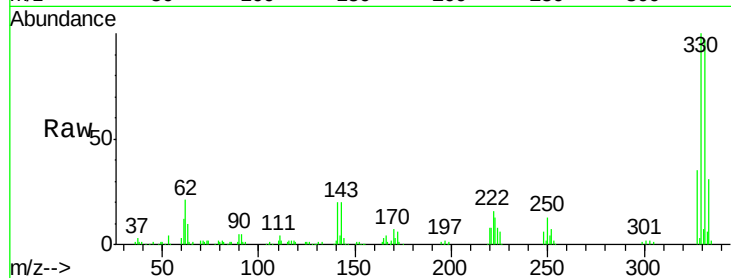




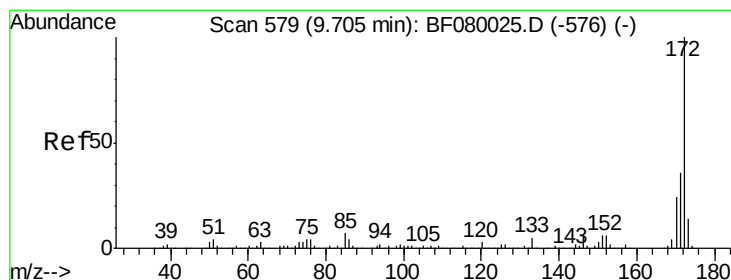
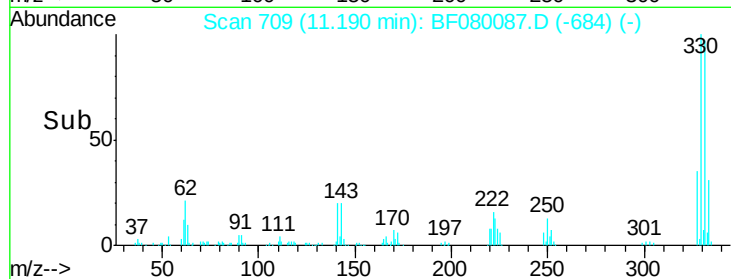
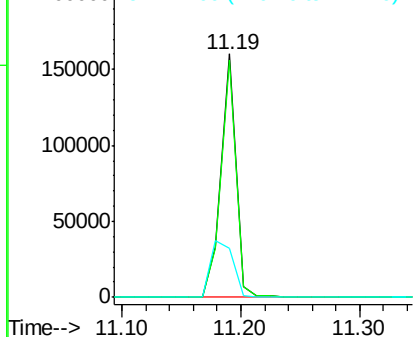
#41
 2,4,6-Tribromophenol
 Concen: 154.95 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080087.D
 Acq: 20 Jun 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tgt Ion: 330 Resp: 140252
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.2 29.7 44.5

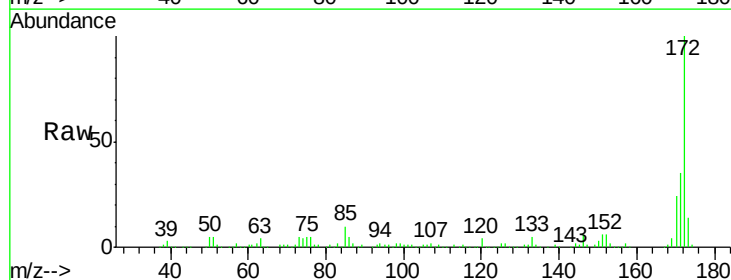


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

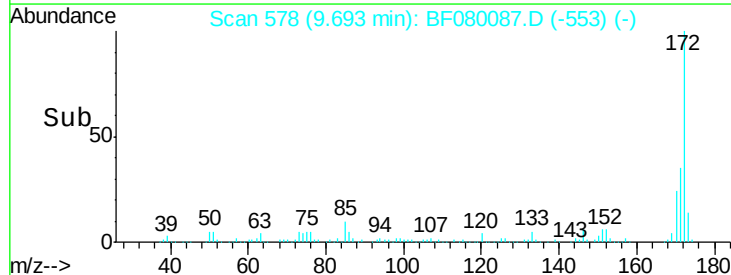
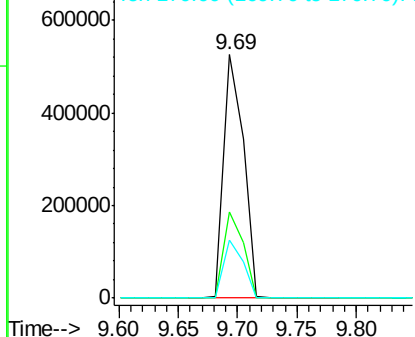


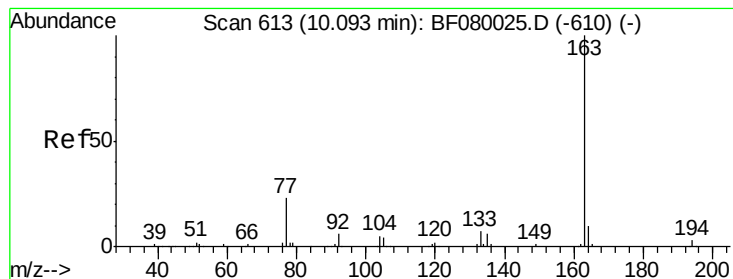
#44
 2-Fluorobiphenyl
 Concen: 93.24 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080087.D
 Acq: 20 Jun 2015 7:54

Tgt Ion: 172 Resp: 605183
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.9 17.4 26.2



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





#49

Dimethylphthalate

Concen: 9.80 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Instrument :

BNA_F

ClientSampled :

PE-5

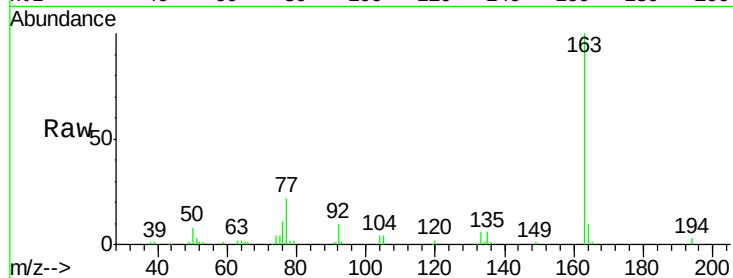
Tgt Ion:163 Resp: 68208

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

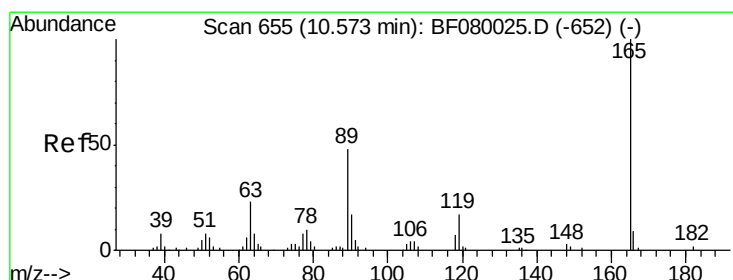
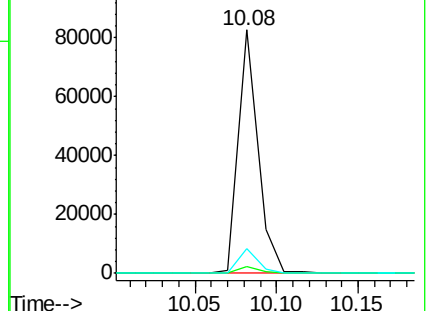
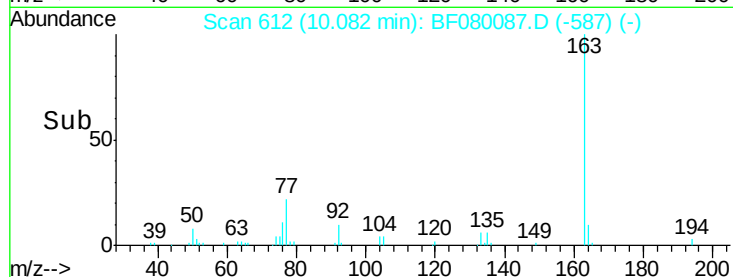
164 10.4 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.57 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.18 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Tgt Ion:165 Resp: 11626

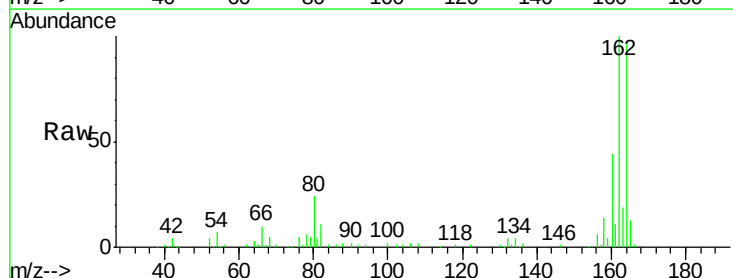
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

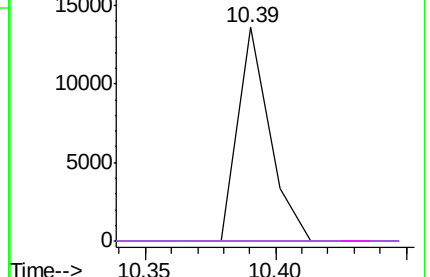
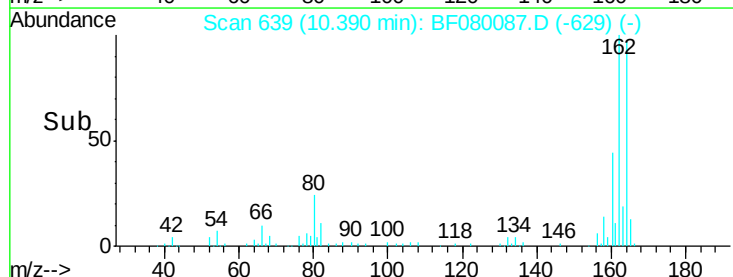


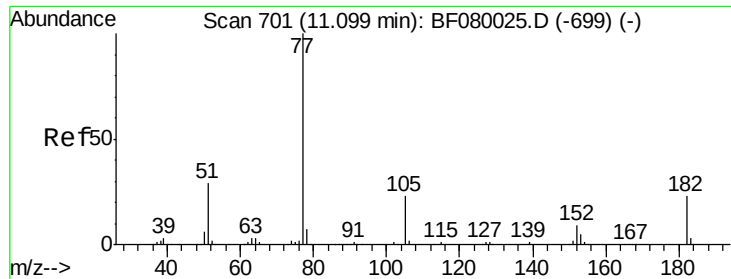
Abundance Ion 165.00 (164.70 to 165.70): E

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

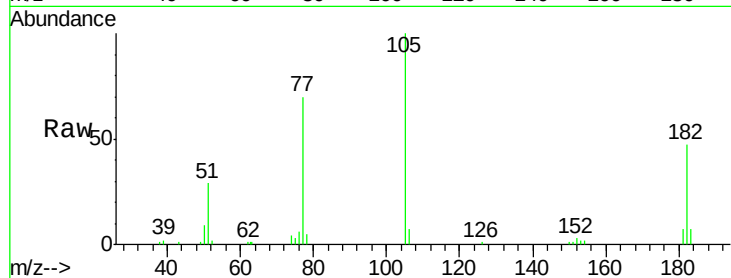




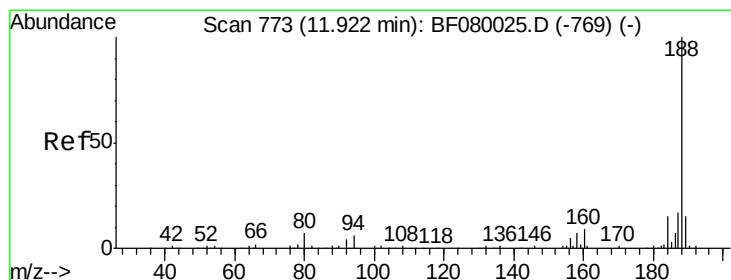
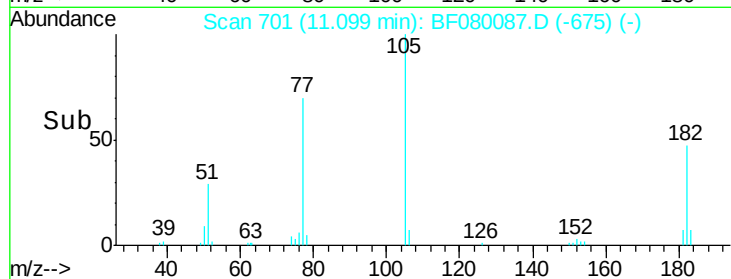
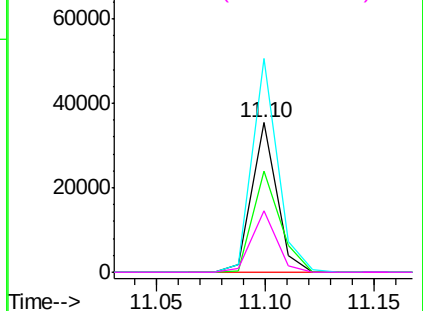
#62
Azobenzene
Concen: 3.95 ng
RT: 11.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 77 Resp: 28182
Ion Ratio Lower Upper
77 100
182 67.5 15.1 55.1#
105 142.9 3.4 43.4#
51 41.4 12.0 52.0

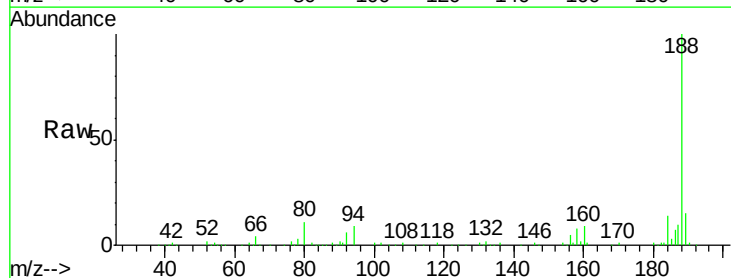


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

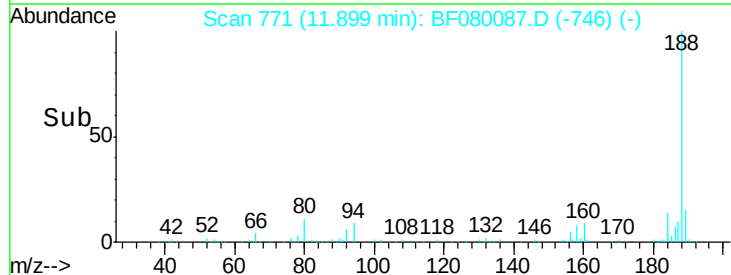
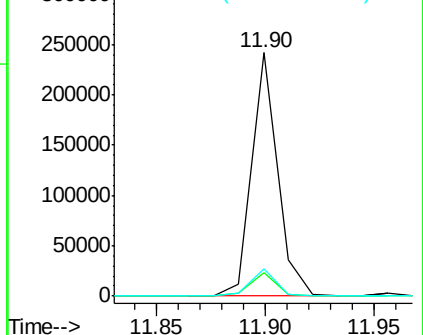


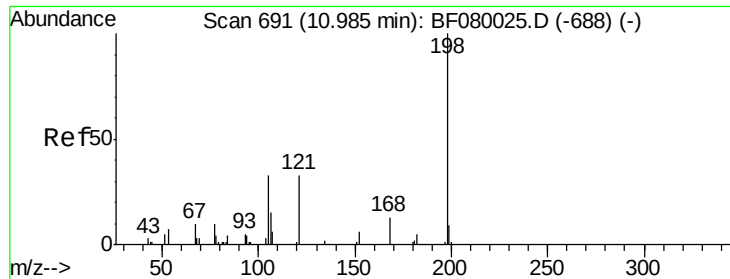
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Tgt Ion: 188 Resp: 200040
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 11.0 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.76 ng

RT: 11.19 min Scan# 709

Delta R.T. 0.21 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Instrument :

BNA_F

ClientSampleId :

PE-5

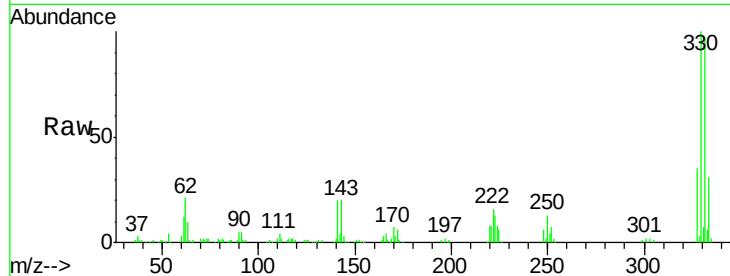
Tgt Ion:198 Resp: 226

Ion Ratio Lower Upper

198 100

51 152.1 39.6 79.6#

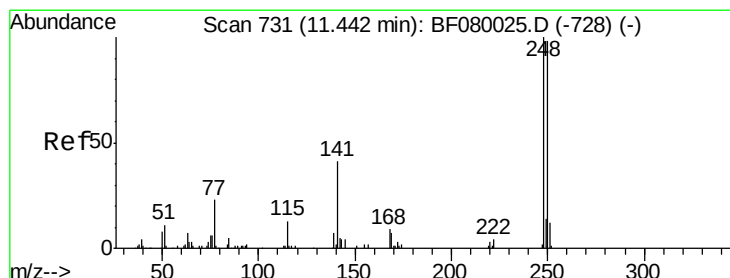
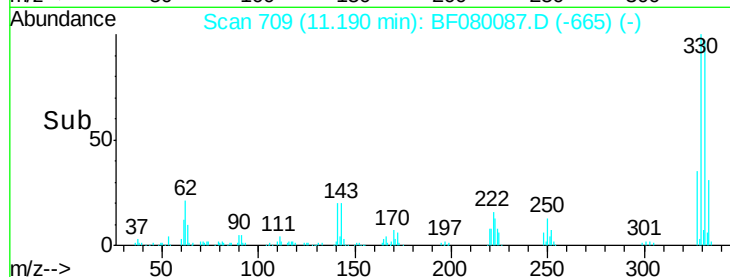
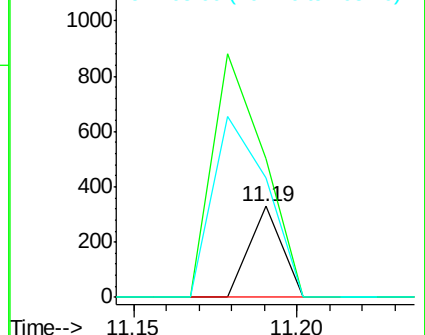
105 130.9 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.80 ng

RT: 11.19 min Scan# 709

Delta R.T. -0.24 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

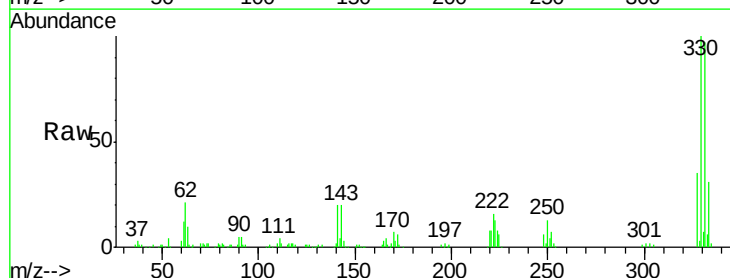
Tgt Ion:248 Resp: 10200

Ion Ratio Lower Upper

248 100

250 199.7 78.5 117.7#

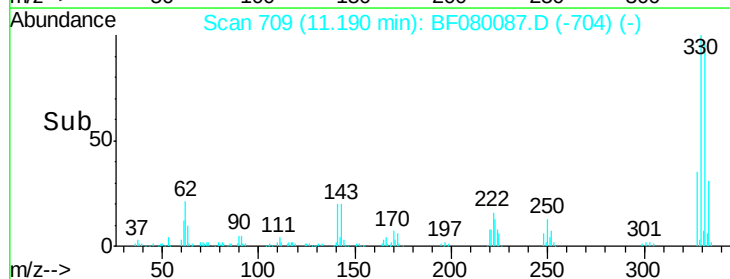
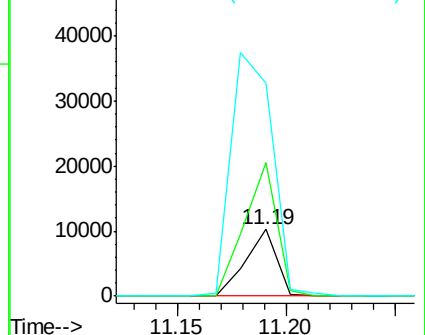
141 317.3 59.0 88.6#

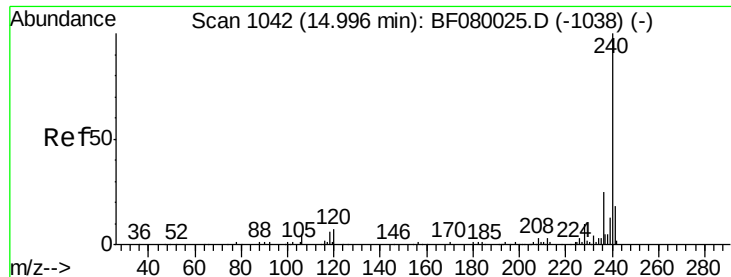


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.88 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

Instrument :

BNA_F

ClientSampleId :

PE-5

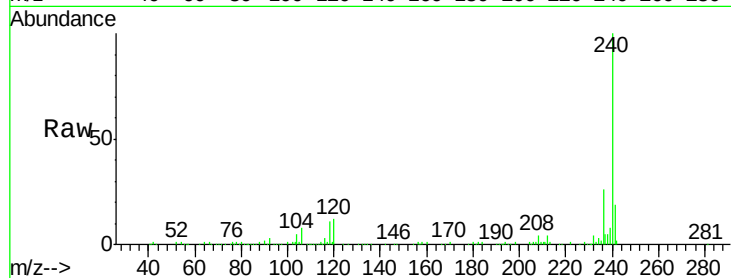
Tgt Ion:240 Resp: 210926

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

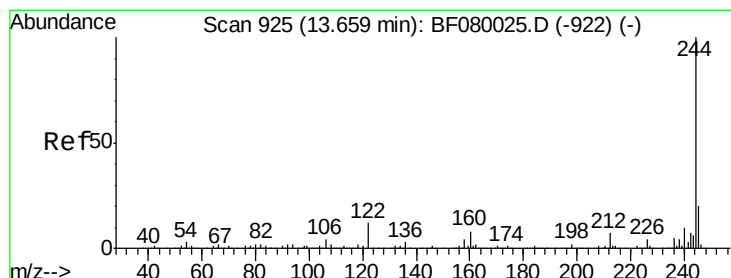
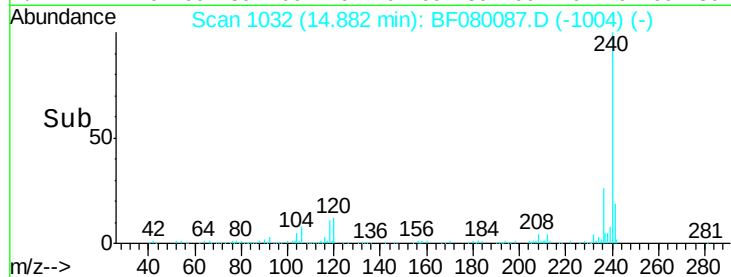
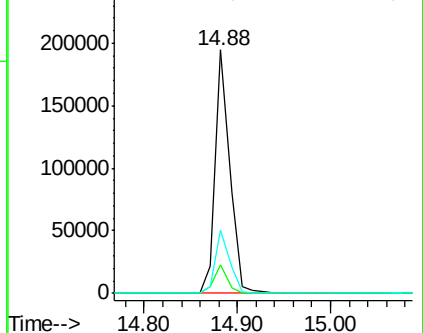
236 26.1 18.4 27.6



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: 87.18 ng

RT: 13.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF080087.D

Acq: 20 Jun 2015 7:54

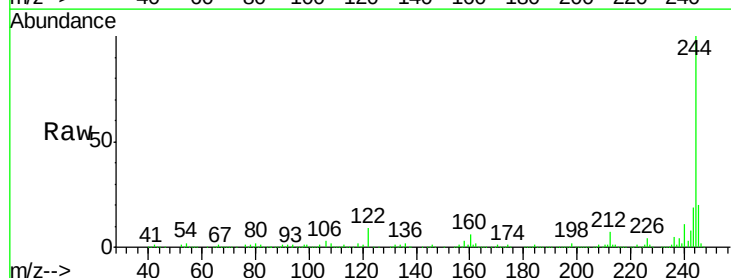
Tgt Ion:244 Resp: 787390

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

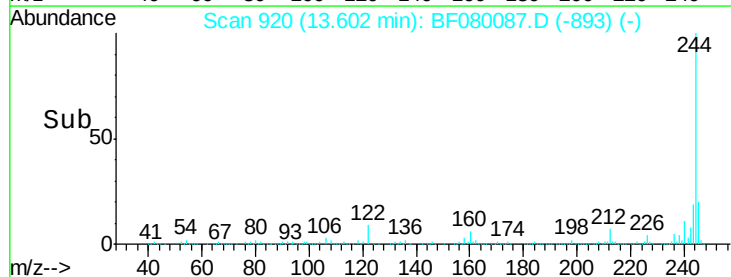
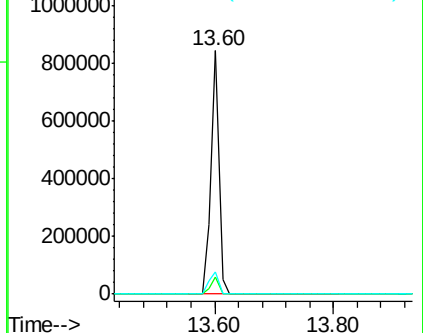
122 8.9 17.4 26.2#

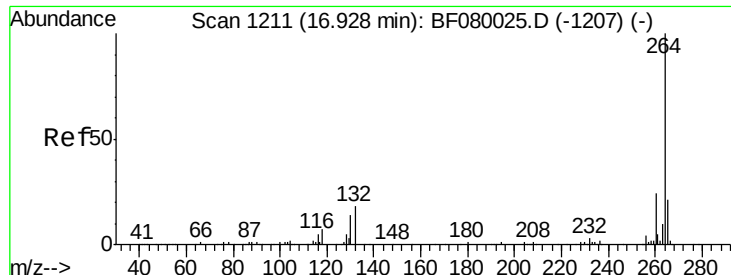


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

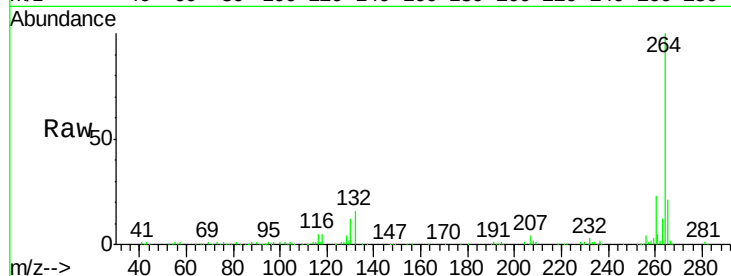




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.78 min Scan# 1198
Delta R.T. 0.03 min
Lab File: BF080087.D
Acq: 20 Jun 2015 7:54

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:	264	Resp:	209855
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.1	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

