

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080085.D
 Acq On : 20 Jun 2015 6:57
 Operator : TP/IZ
 Sample : G2683-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Jun 22 00:56:41 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

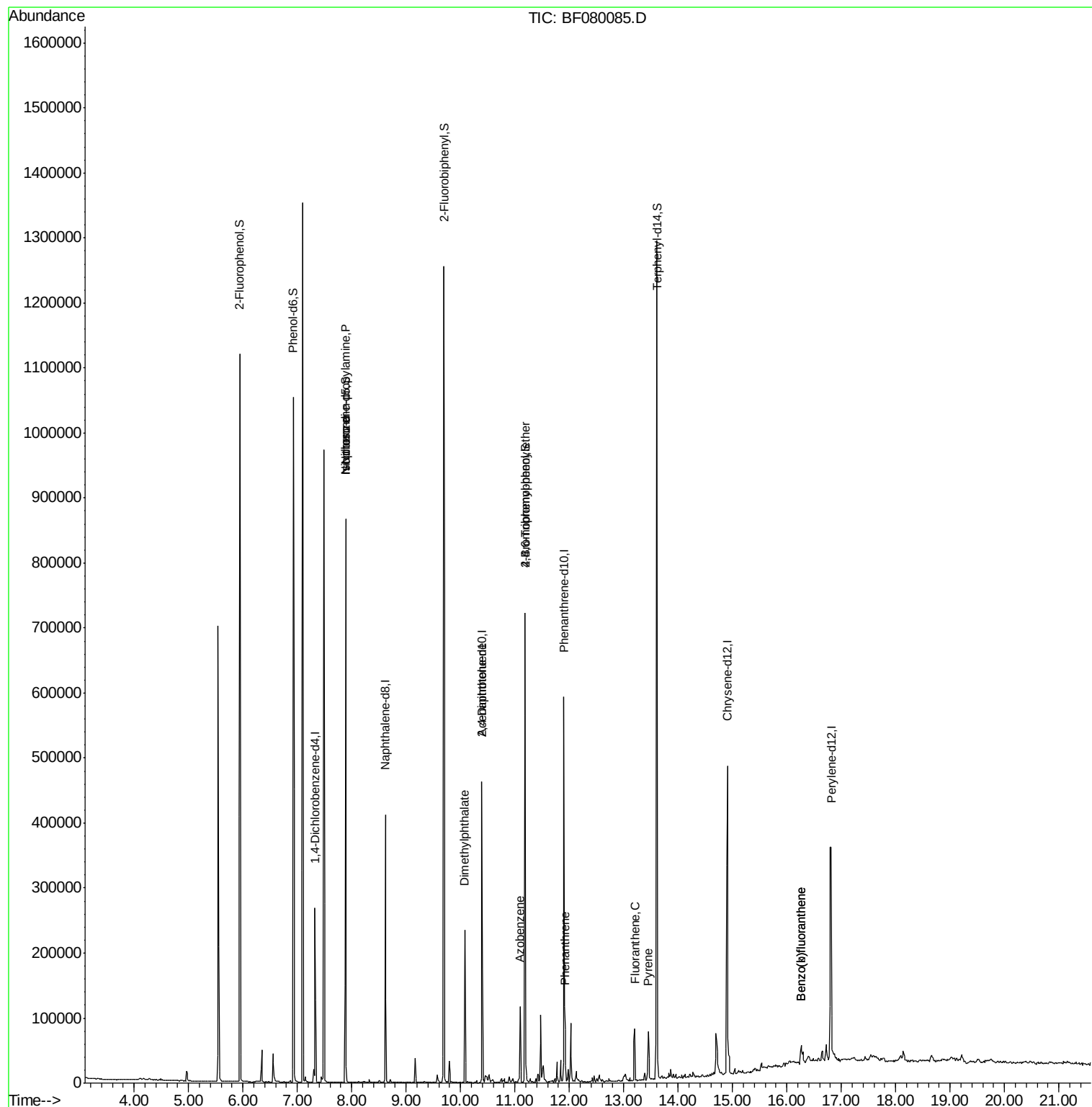
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44005	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	186193	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	95702	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	208487	20.00	ng	-0.01
75) Chrysene-d12	14.91	240	219017	20.00	ng	0.05
86) Perylene-d12	16.81	264	216408	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	309826	124.63	ng	0.00
7) Phenol-d6	6.93	99	384233	116.15	ng	-0.01
23) Nitrobenzene-d5	7.89	82	245264	76.69	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	113981	121.80	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	489415	72.93	ng	-0.01
78) Terphenyl-d14	13.61	244	639417	68.18	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	31041	13.52	ng	# 59
25) Isophorone	7.89	82	245254	38.10	ng	# 58
49) Dimethylphthalate	10.08	163	87196	12.12	ng	# 97
56) 2,4-Dinitrotoluene	10.39	165	12392	6.77	ng	# 31
62) Azobenzene	11.10	77	19838	2.69	ng	# 7
66) 4-Bromophenyl-phenylether	11.19	248	7997	3.61	ng	# 1
70) Phenanthrene	11.92	178	31221	2.47	ng	97
74) Fluoranthene	13.20	202	40261	2.99	ng	87
77) Pyrene	13.45	202	34822	2.58	ng	96
87) Benzo(b)fluoranthene	16.27	252	27994	2.14	ng	# 87
88) Benzo(k)fluoranthene	16.27	252	27994	2.10	ng	# 88

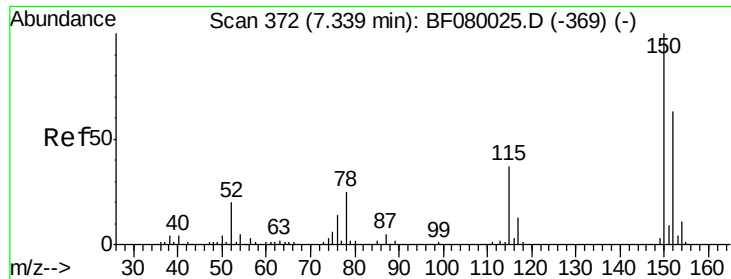
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080085.D
Acq On : 20 Jun 2015 6:57
Operator : TP/IZ
Sample : G2683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-3

Quant Time: Jun 22 00:56:41 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

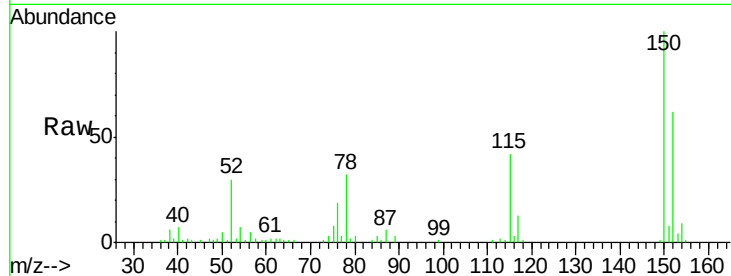




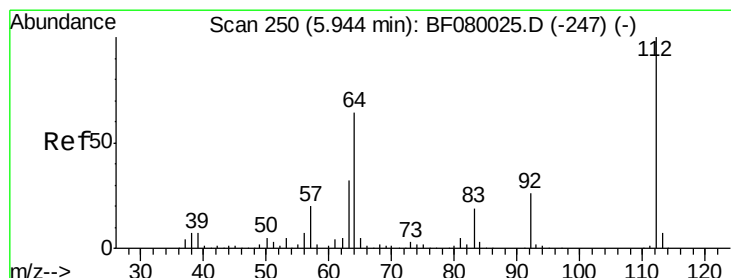
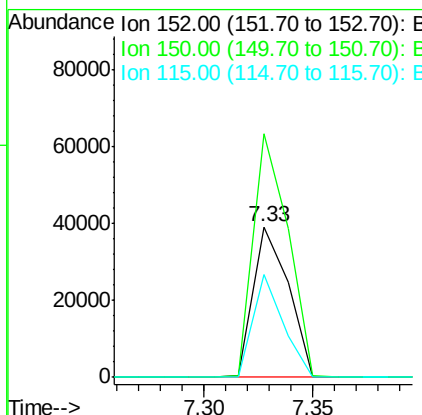
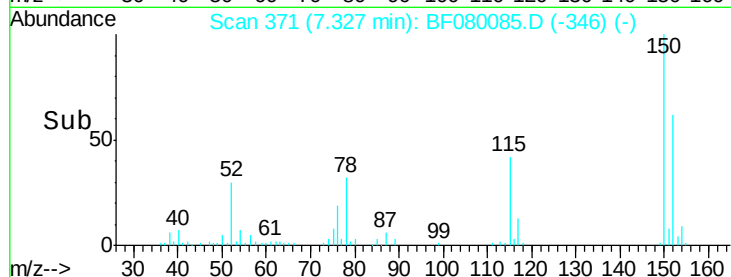
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:152 Resp: 44005
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.7 187.1
 115 68.3 39.0 58.4#

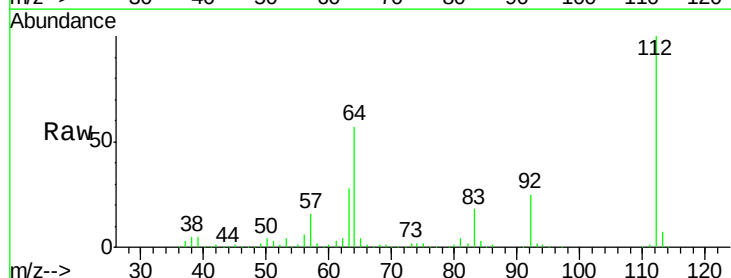


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

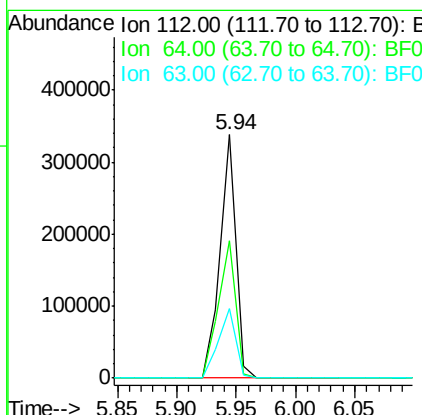
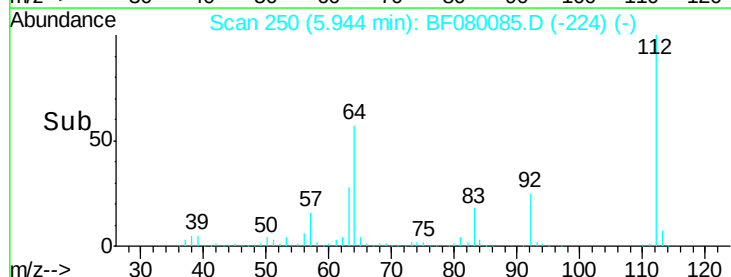


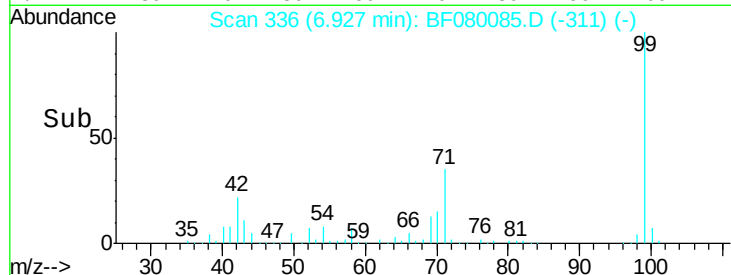
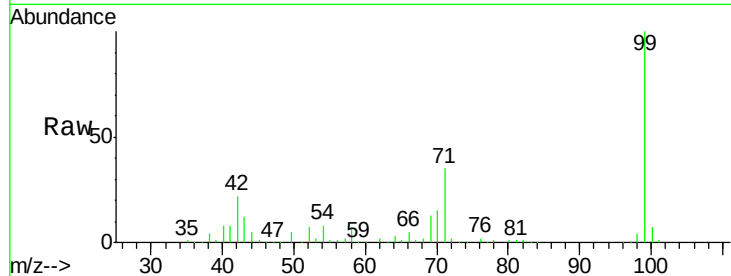
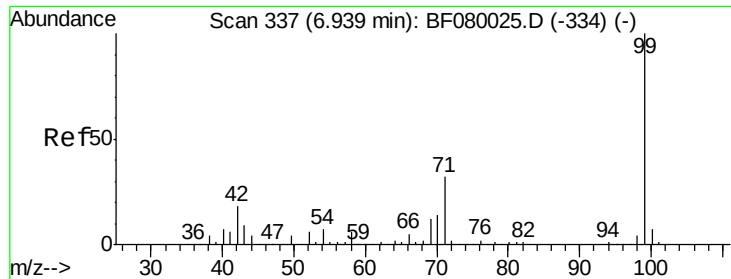
#5
 2-Fluorophenol
 Concen: 124.63 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion:112 Resp: 309826
 Ion Ratio Lower Upper
 112 100
 64 56.5 39.7 59.5
 63 28.4 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: 116.15 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Instrument :

BNA_F

ClientSampleId :

PE-3

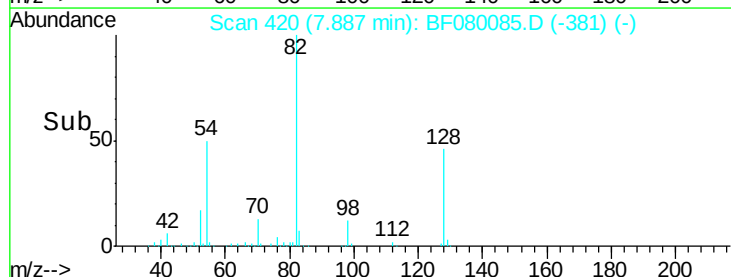
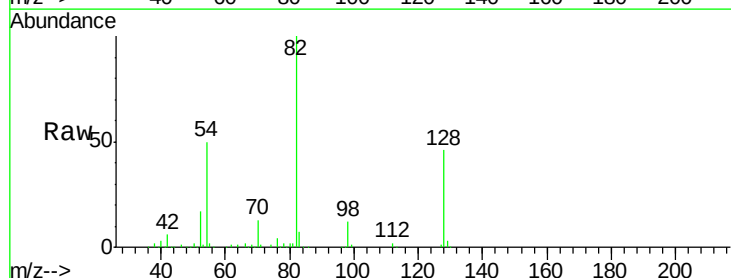
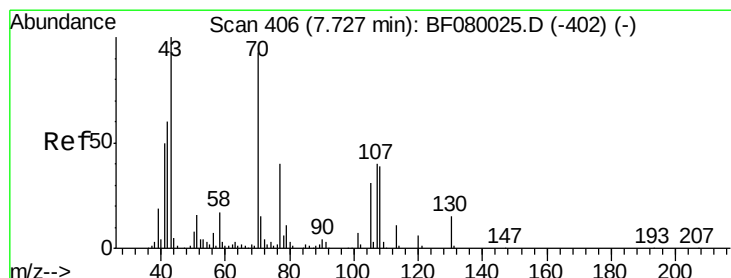
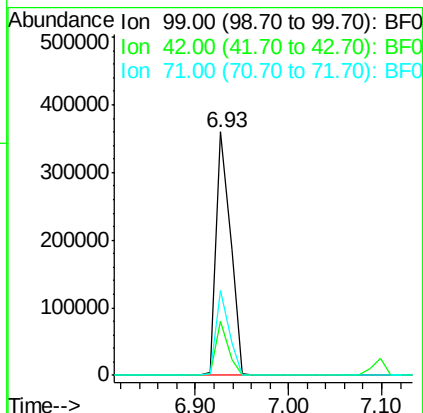
Tgt Ion: 99 Resp: 384233

Ion Ratio Lower Upper

99 100

42 22.2 13.7 20.5#

71 35.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.52 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Tgt Ion: 70 Resp: 31041

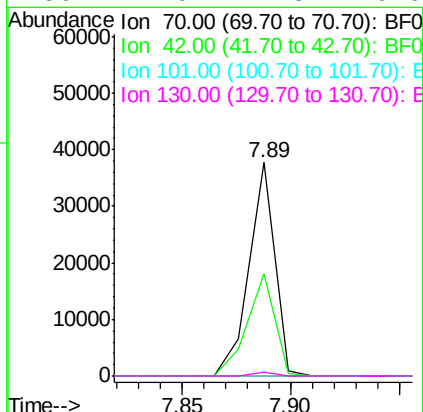
Ion Ratio Lower Upper

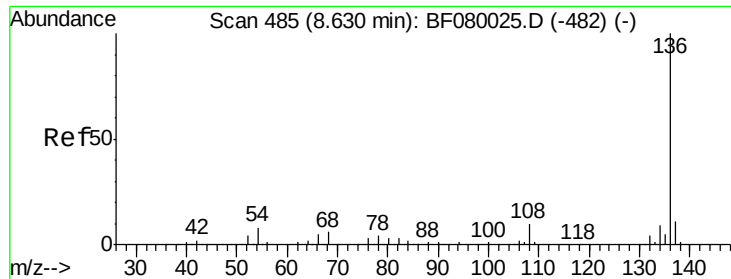
70 100

42 47.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

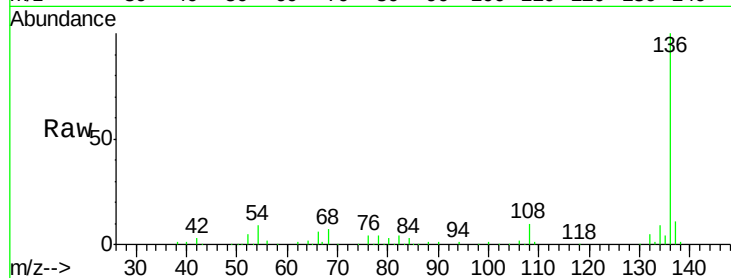




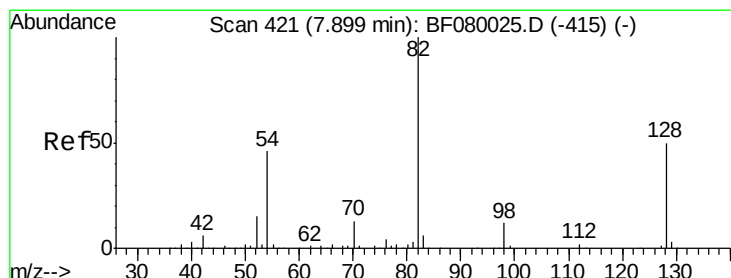
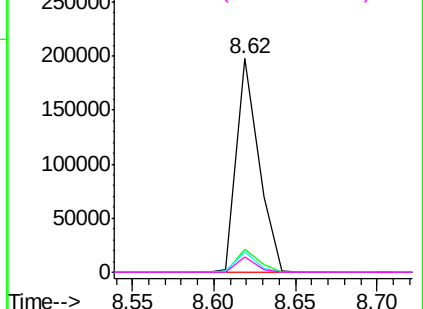
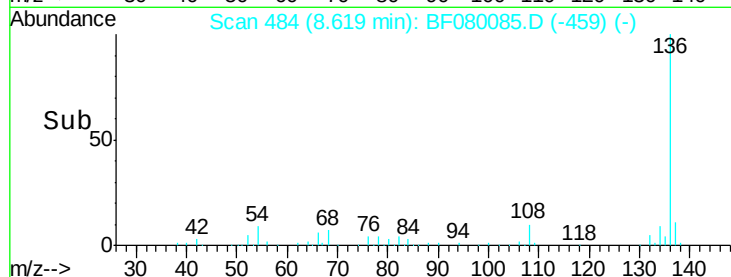
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:	136	Resp:	186193
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.4	8.2	12.2
68	7.2	5.8	8.6

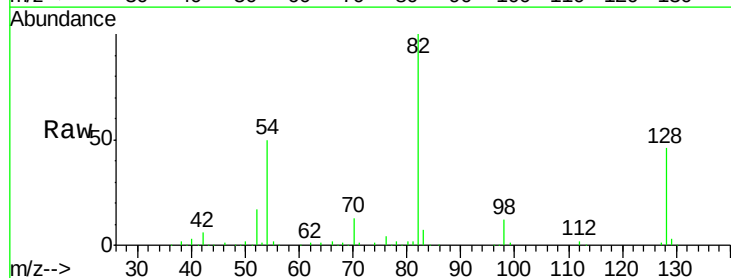


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

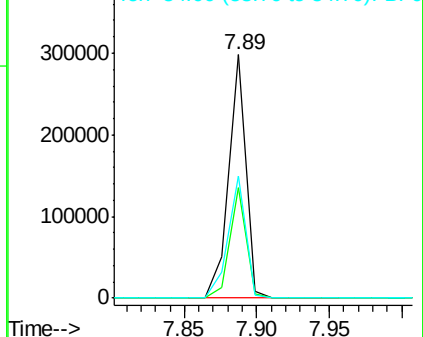
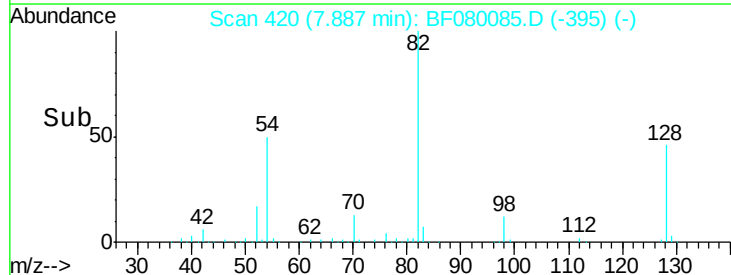


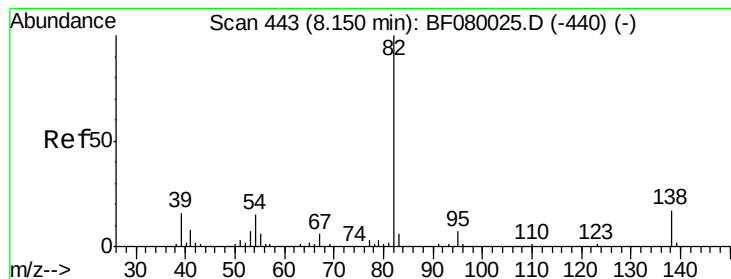
#23
Nitrobenzene-d5
Concen: 76.69 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion:	82	Resp:	245264
Ion	Ratio	Lower	Upper
82	100		
128	45.6	51.0	76.6#
54	50.4	47.5	71.3



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





#25

Isophorone

Concen: 38.10 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Instrument :

BNA_F

ClientSampleId :

PE-3

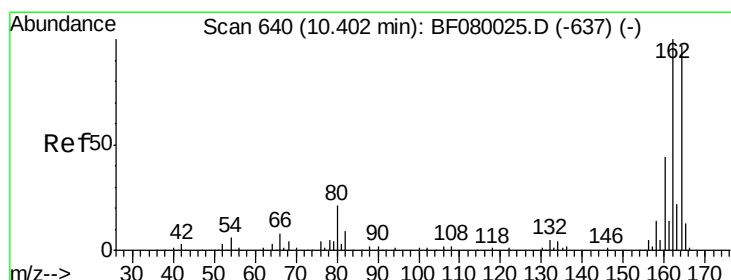
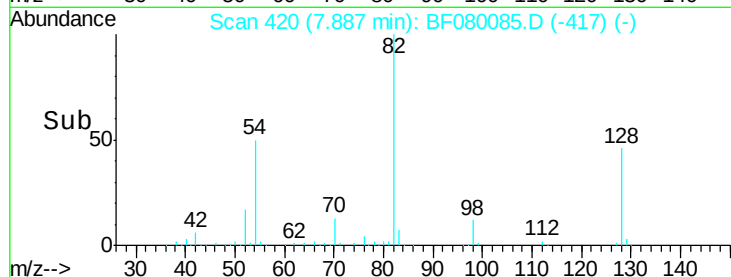
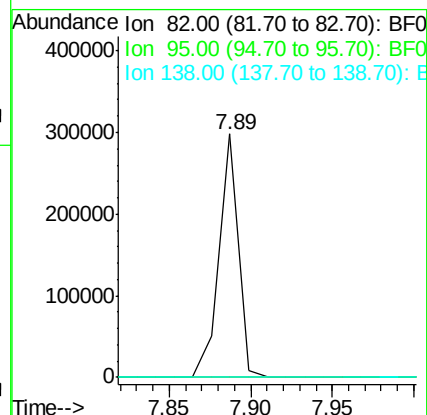
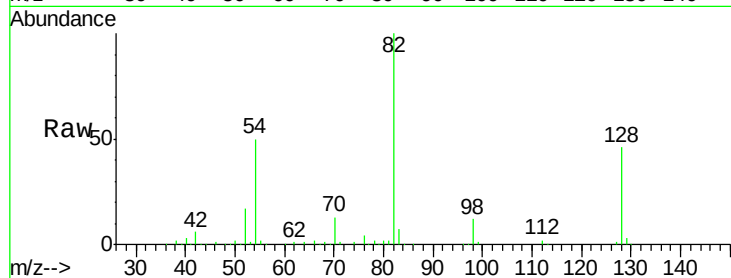
Tgt Ion: 82 Resp: 245254

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: BF080085.D

Acq: 20 Jun 2015 6:57

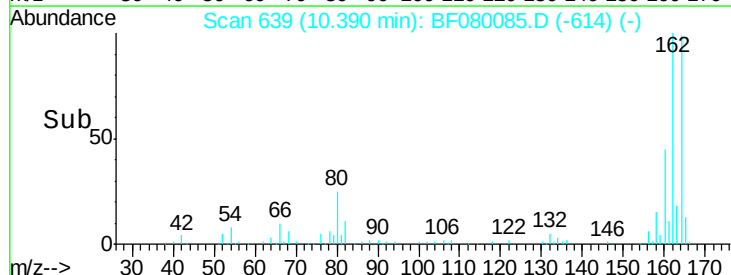
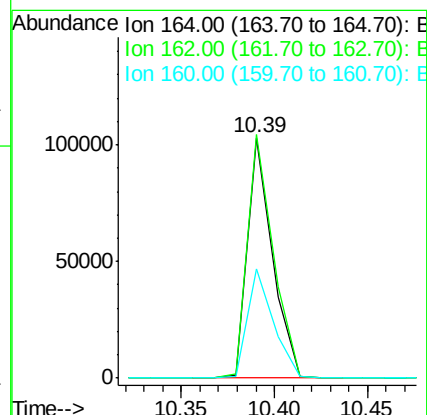
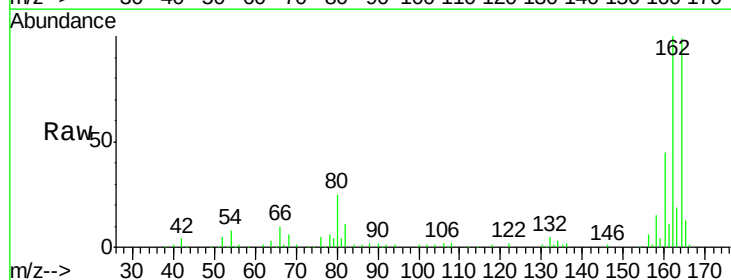
Tgt Ion: 164 Resp: 95702

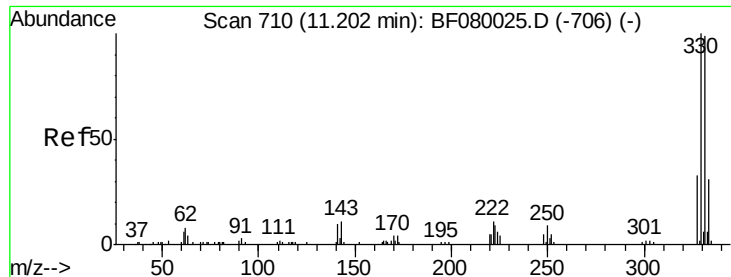
Ion Ratio Lower Upper

164 100

162 101.5 75.2 112.8

160 45.4 31.5 47.3

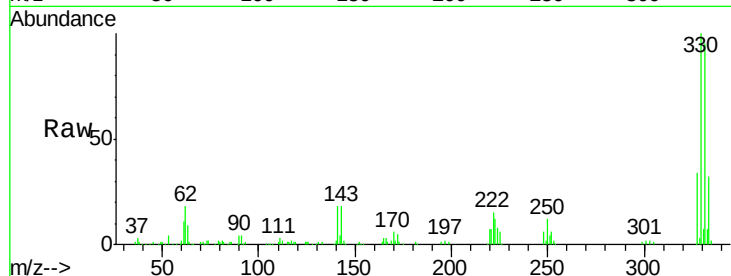




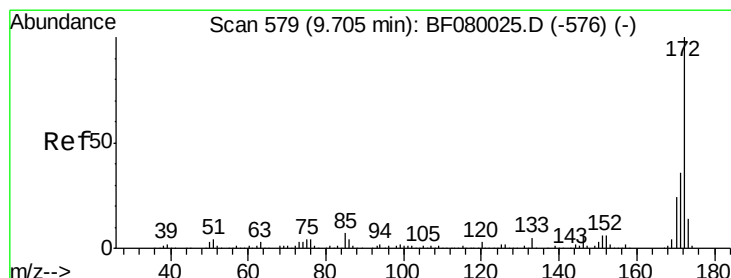
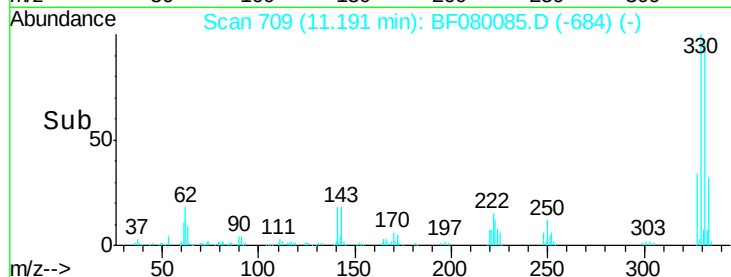
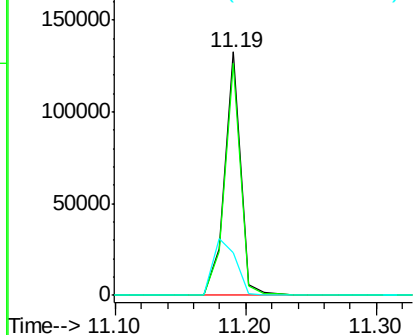
#41
 2,4,6-Tribromophenol
 Concen: 121.80 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:330 Resp: 113981
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 34.1 29.7 44.5

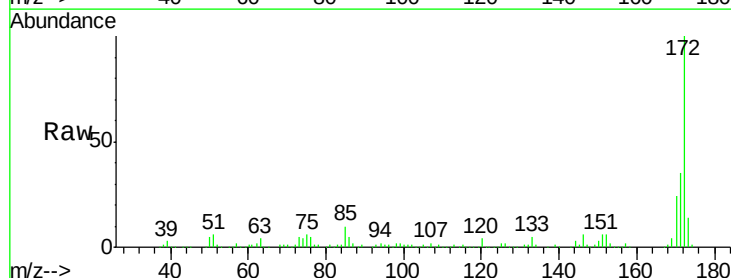


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

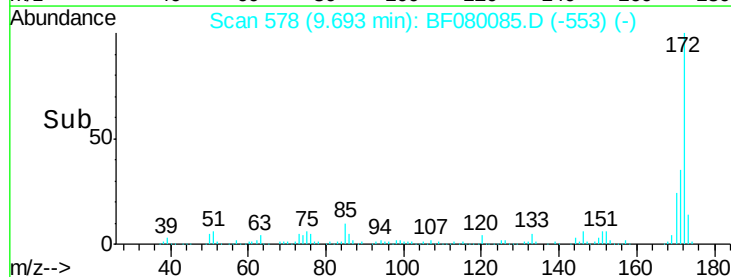
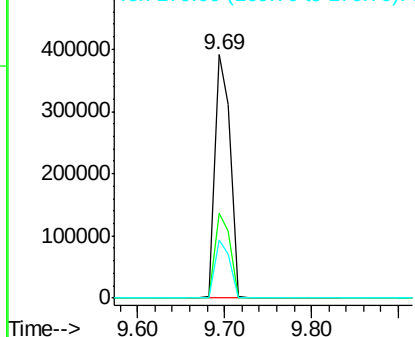


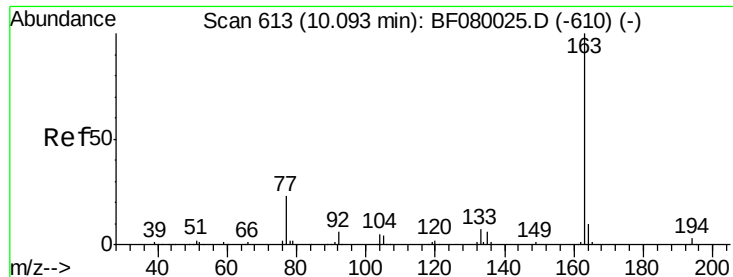
#44
 2-Fluorobiphenyl
 Concen: 72.93 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion:172 Resp: 489415
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.6 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

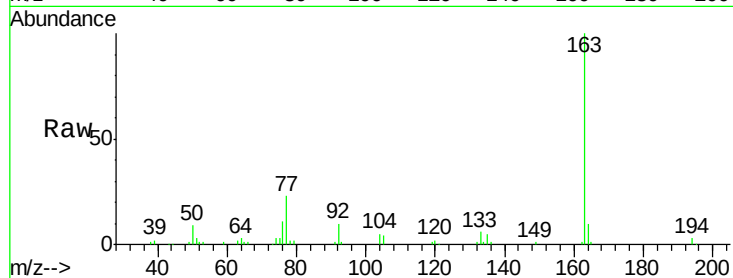




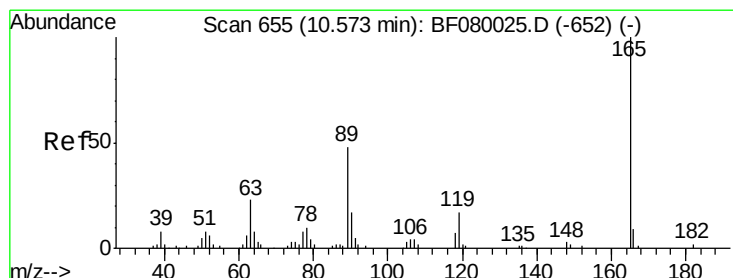
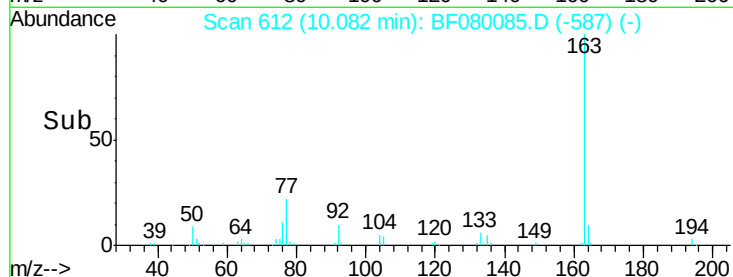
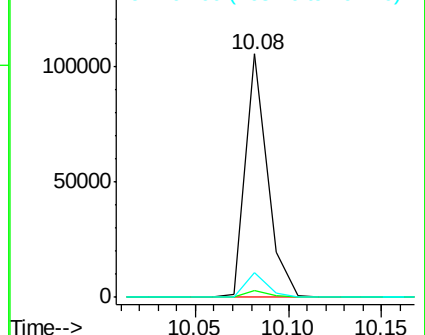
#49
Dimethylphthalate
Concen: 12.12 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:163 Resp: 87196
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 8.3 12.5

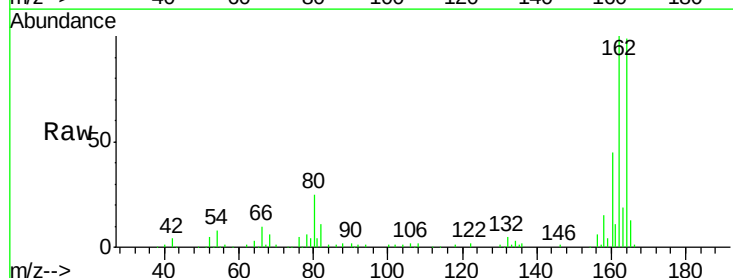


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

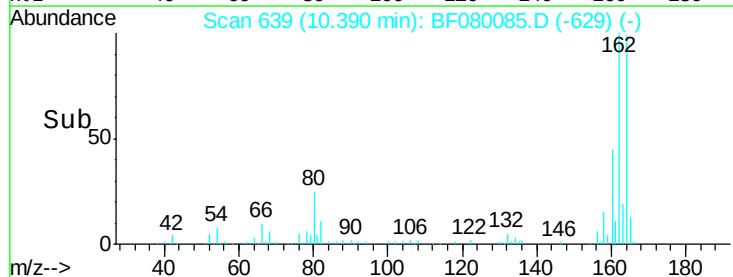
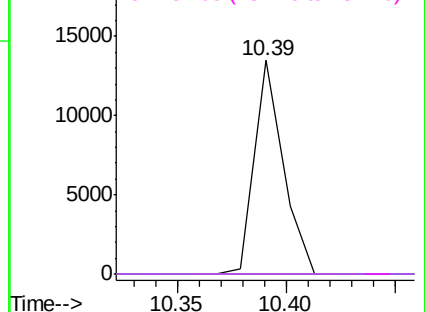


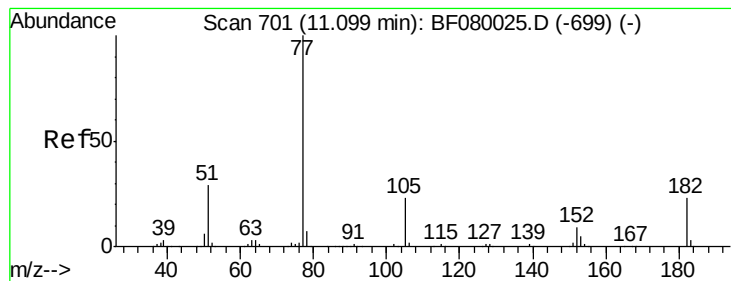
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.18 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion:165 Resp: 12392
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: 2.69 ng

RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Instrument :

BNA_F

ClientSampleId :

PE-3

Tgt Ion: 77 Resp: 19838

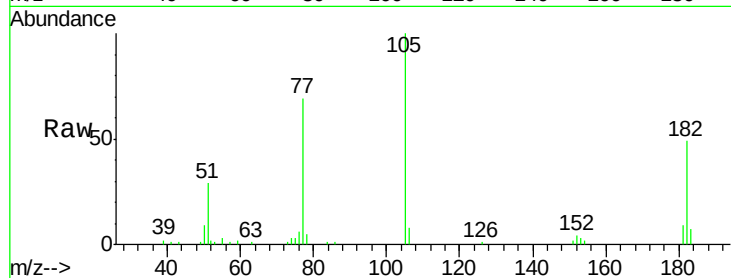
Ion Ratio Lower Upper

77 100

182 70.3 15.1 55.1#

105 144.0 3.4 43.4#

51 41.2 12.0 52.0

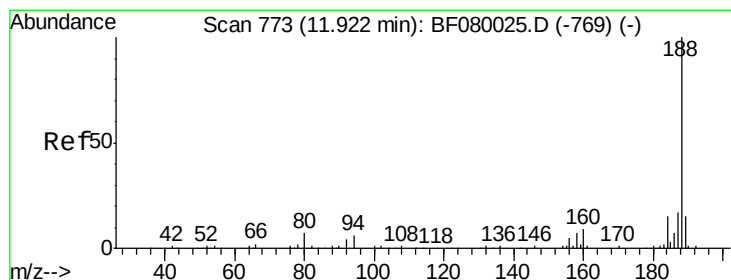
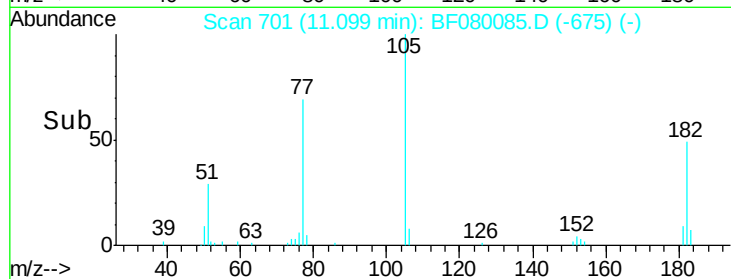
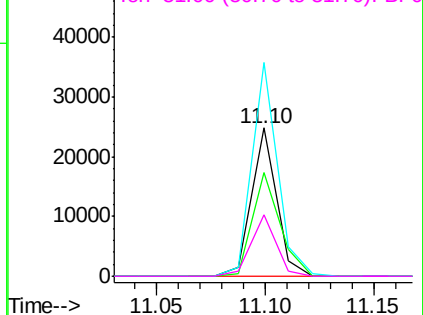


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF080085.D

Acq: 20 Jun 2015 6:57

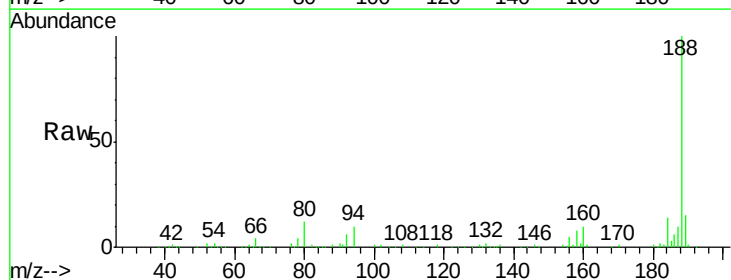
Tgt Ion: 188 Resp: 208487

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

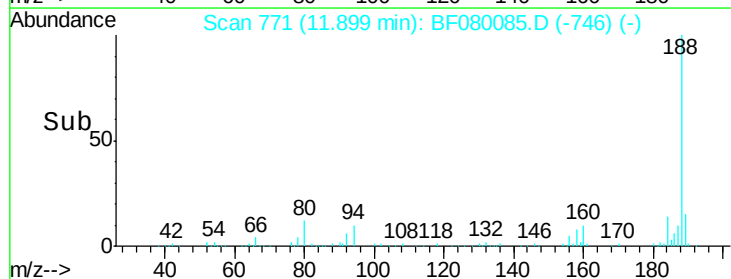
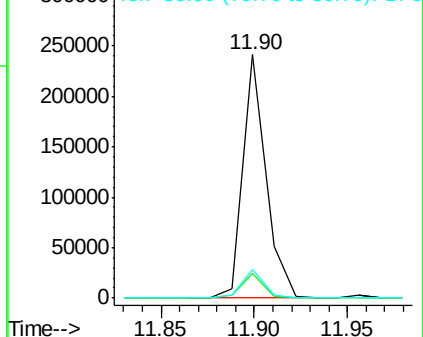
80 11.5 11.0 16.4

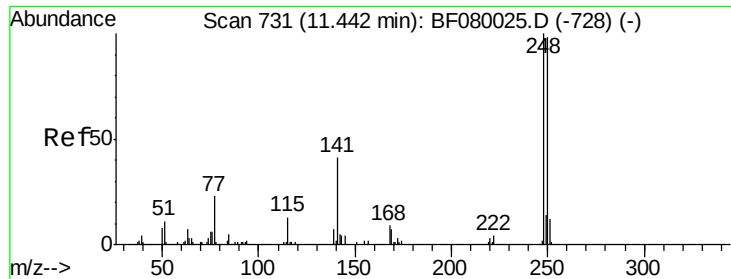


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

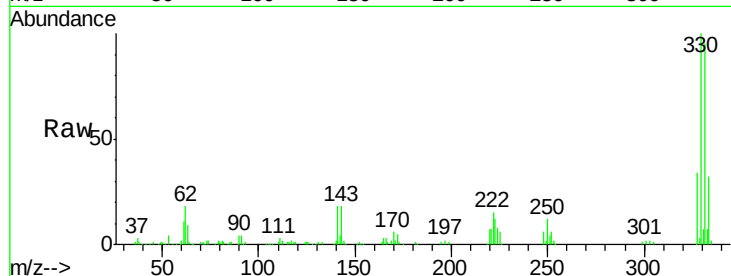




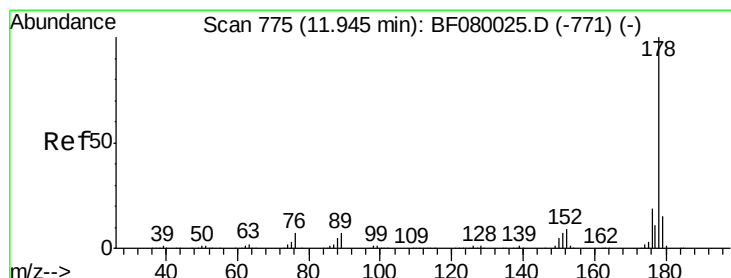
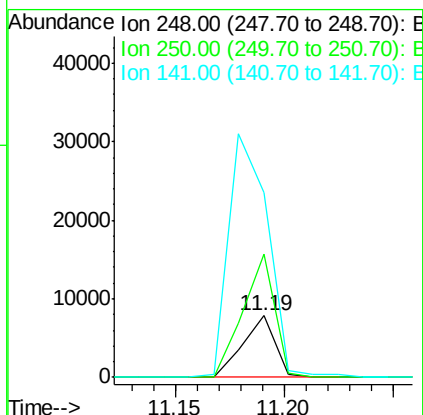
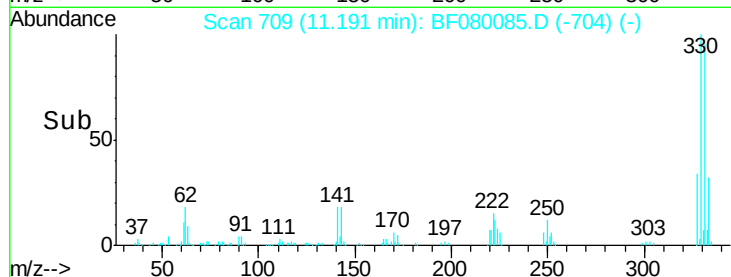
#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion: 248 Resp: 7997
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.5 117.7#
 141 300.8 59.0 88.6#

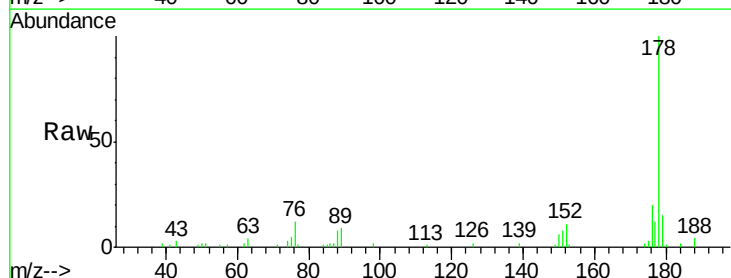


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

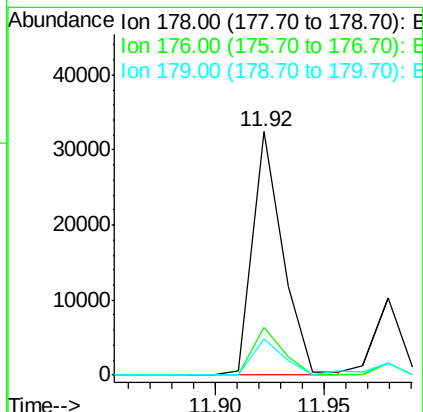
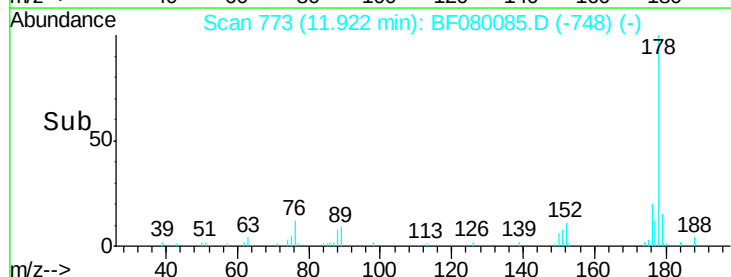


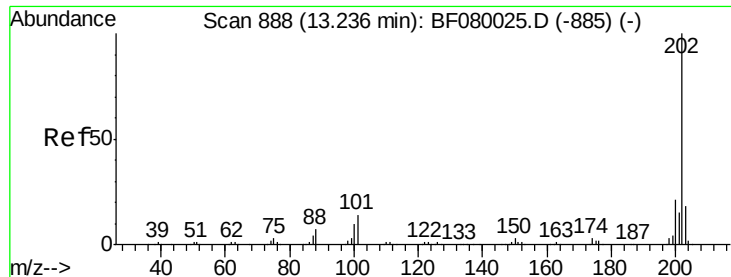
#70
 Phenanthrene
 Concen: 2.47 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion: 178 Resp: 31221
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

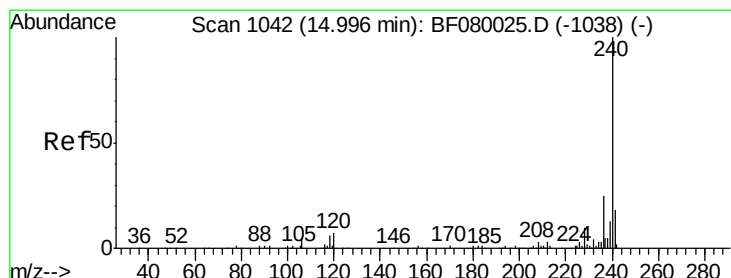
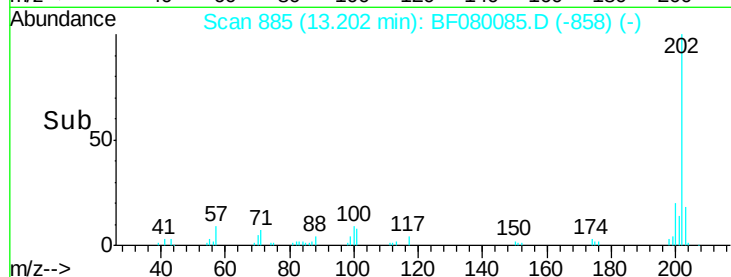
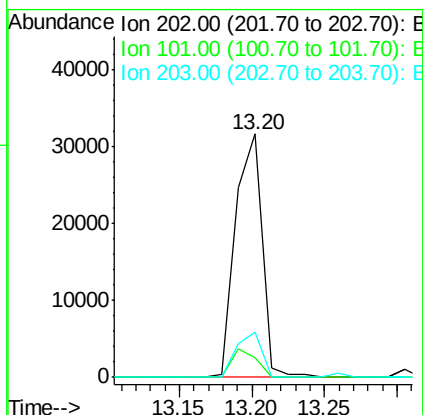
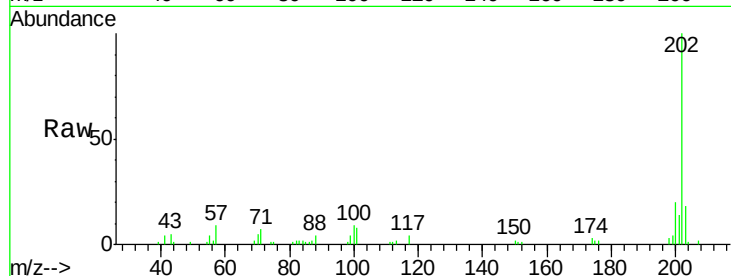




#74
 Fluoranthene
 Concen: 2.99 ng
 RT: 13.20 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

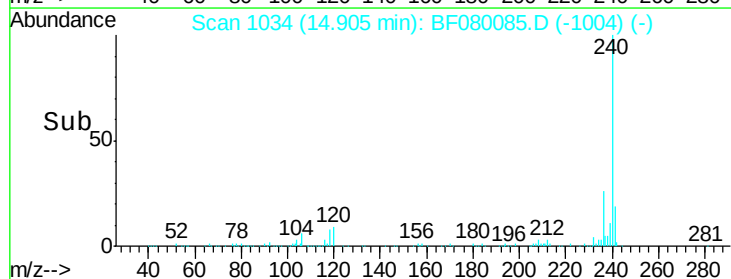
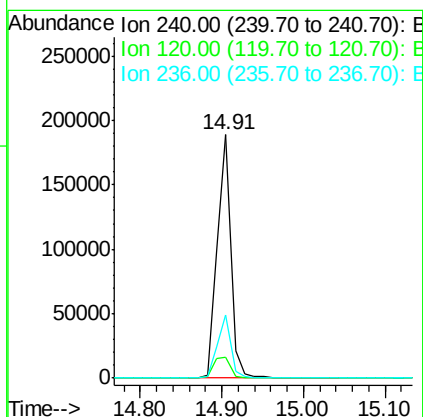
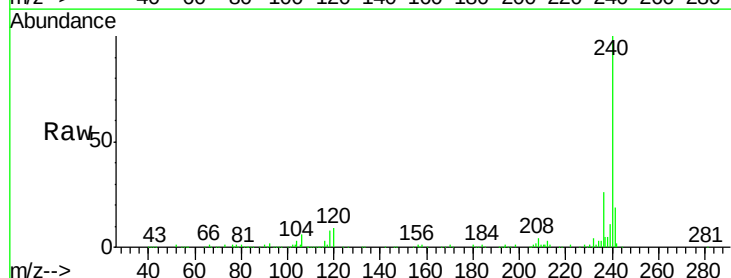
Instrument :
 BNA_F
 ClientSampleId :
 PE-3

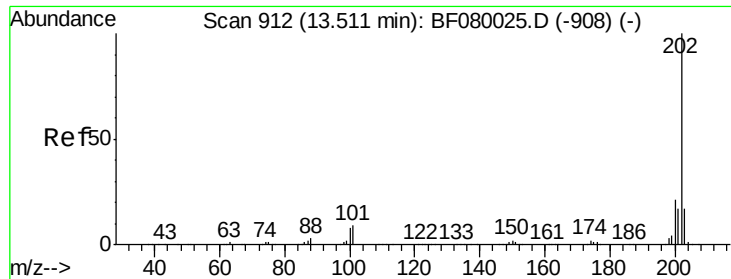
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	38.3
203	18.4	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1034
 Delta R.T. 0.05 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	16.2	24.2#
236	25.7	18.4	27.6

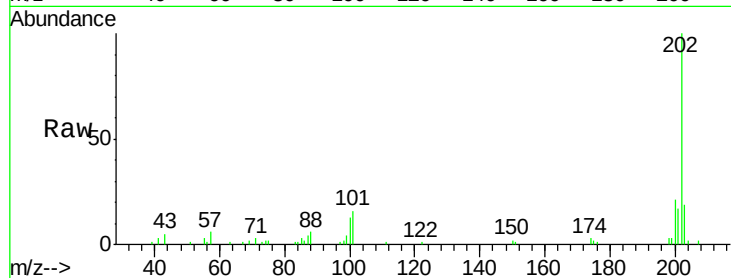




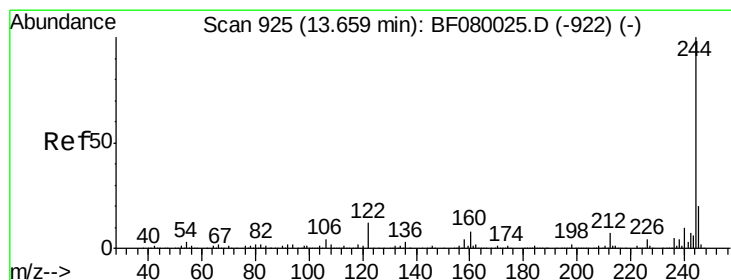
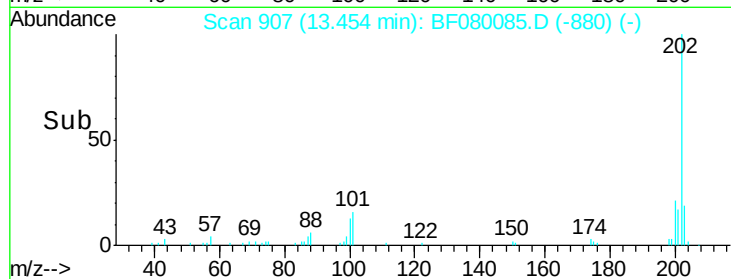
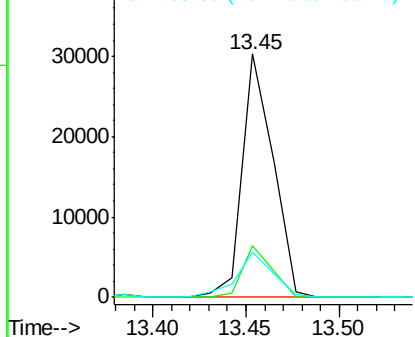
#77
 Pyrene
 Concen: 2.58 ng
 RT: 13.45 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampled :
 PE-3

Tgt Ion: 202 Resp: 34822
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.0 22.4
 203 18.5 14.1 21.1

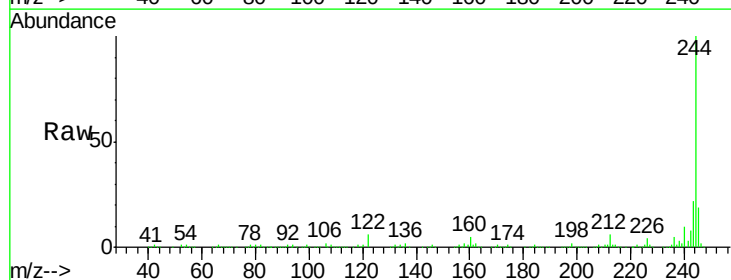


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

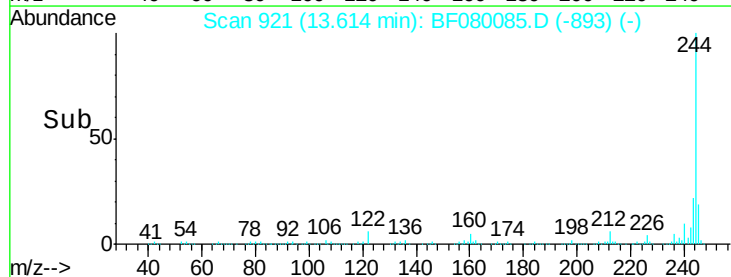
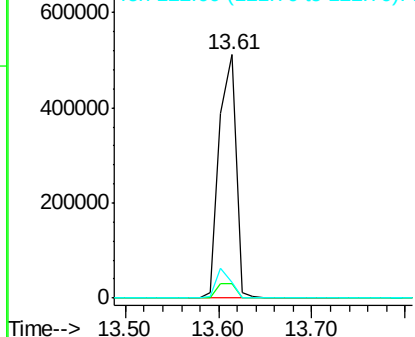


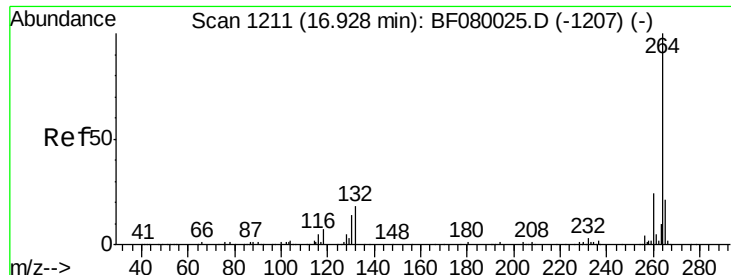
#78
 Terphenyl-d14
 Concen: 68.18 ng
 RT: 13.61 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion: 244 Resp: 639417
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.3 6.5
 122 6.4 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



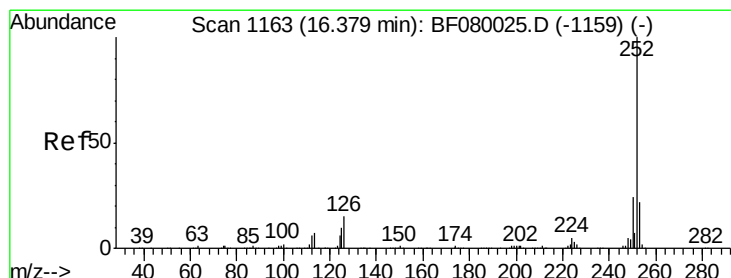
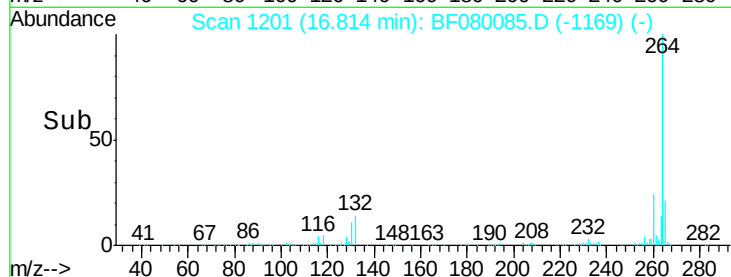
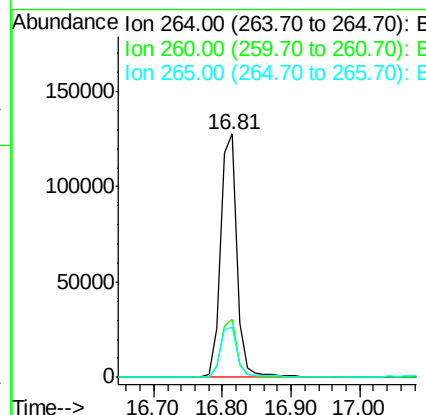
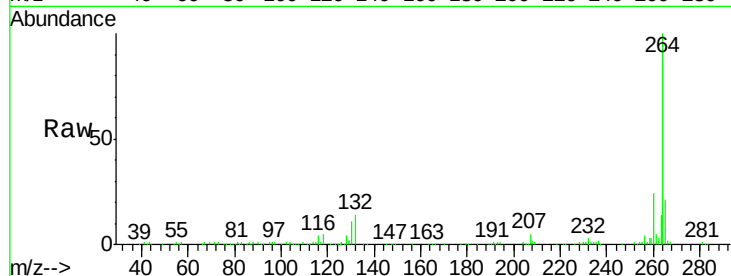


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1201
Delta R.T. 0.07 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 264 Resp: 216408

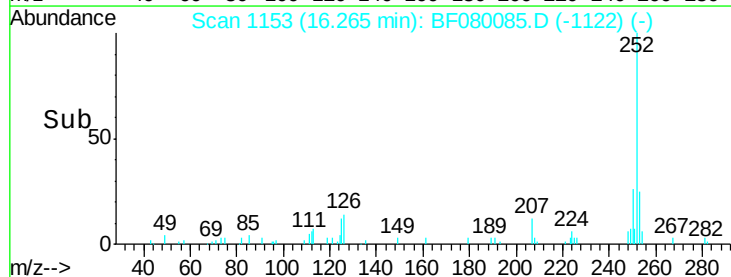
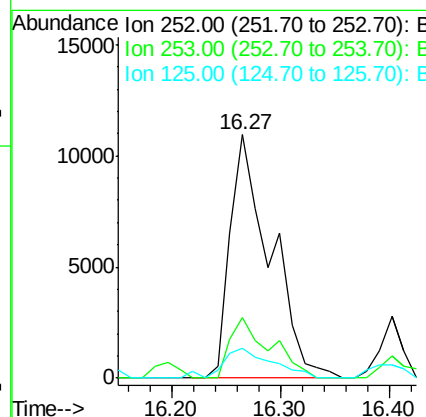
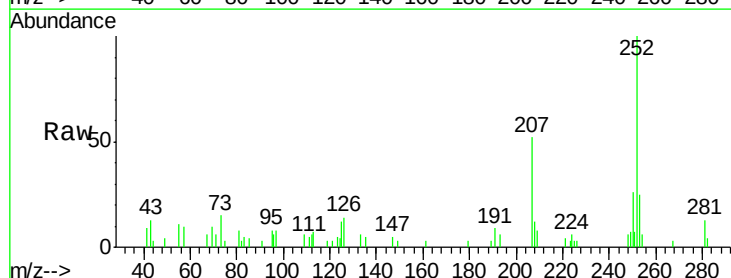
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	20.6	17.2	25.8

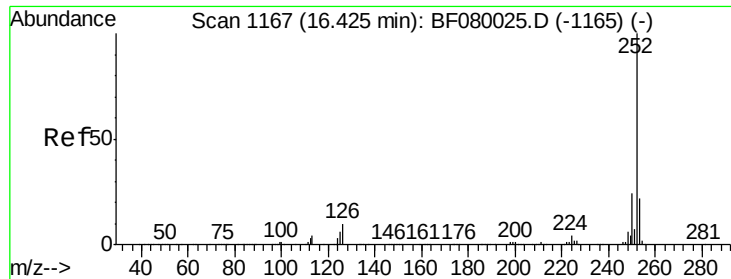


#87
Benzo(b)fluoranthene
Concen: 2.14 ng
RT: 16.27 min Scan# 1153
Delta R.T. 0.06 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion: 252 Resp: 27994

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	12.1	17.1	25.7#





#88

Benzo(k)fluoranthene

Concen: 2.10 ng

RT: 16.27 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF080085.D

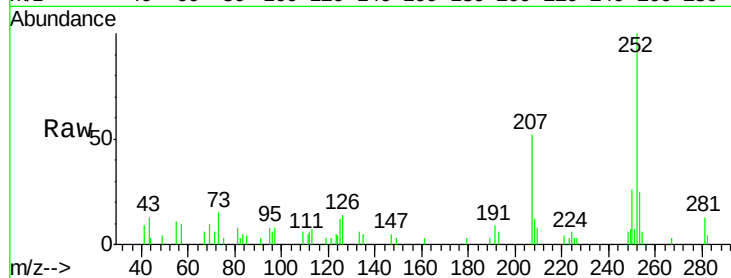
Acq: 20 Jun 2015 6:57

Instrument :

BNA_F

ClientSampleId :

PE-3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.4
125	12.1	16.0	24.0

