

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
 Data File : BF080405.D
 Acq On : 9 Jul 2015 18:25
 Operator : TP/UM
 Sample : G2866-10DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115DL

Quant Time: Jul 10 07:59:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 00:56:59 2015
 Response via : Initial Calibration

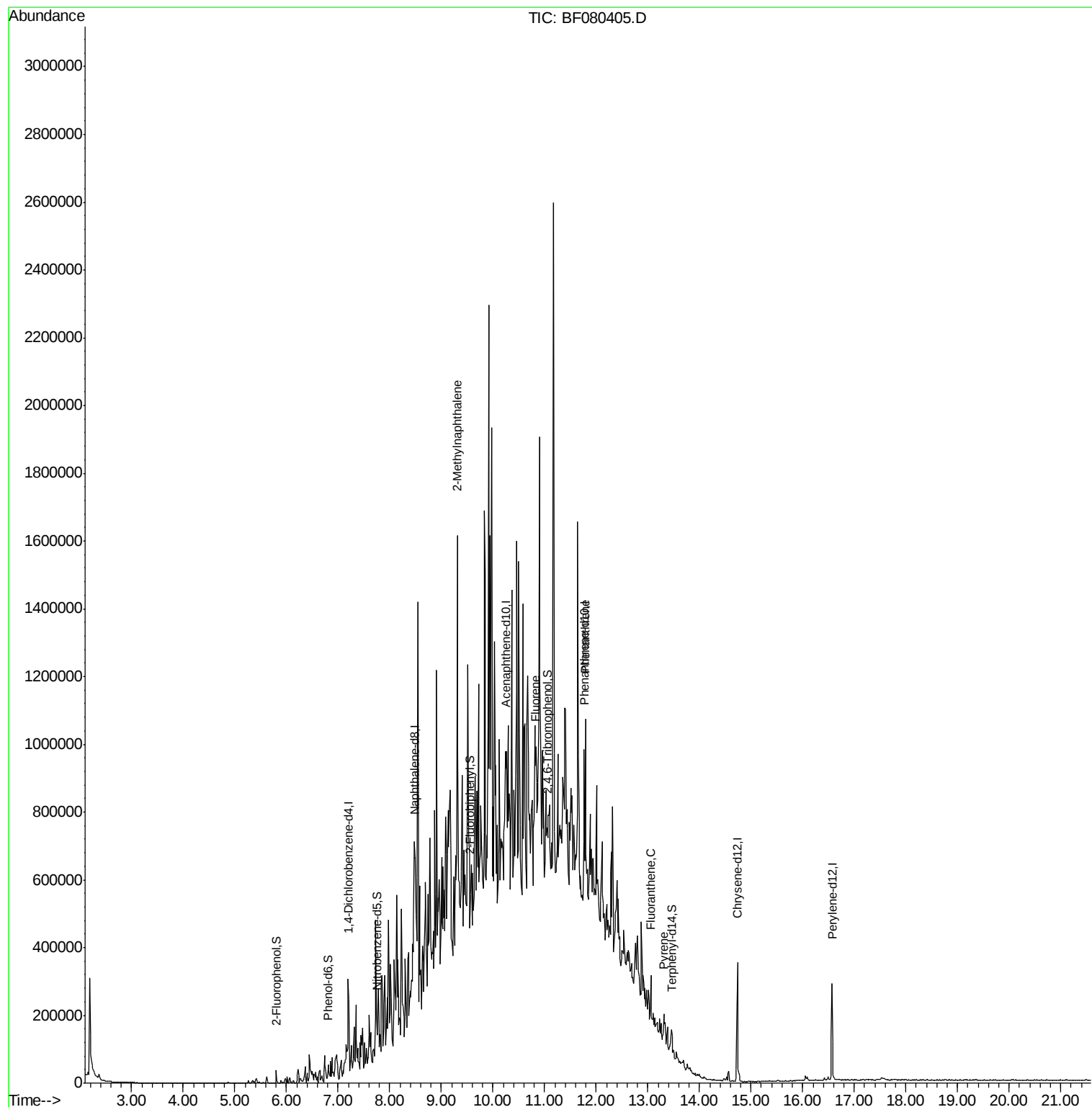
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	31933	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	132719	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	73007	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	133410	20.00	ng	0.00
75) Chrysene-d12	14.74	240	158229	20.00	ng	-0.09
86) Perylene-d12	16.57	264	151231	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	9744	5.59	ng	0.00
7) Phenol-d6	6.81	99	13439	5.81	ng	0.00
23) Nitrobenzene-d5	7.76	82	15597	6.85	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	2741	3.59	ng	0.00
44) 2-Fluorobiphenyl	9.56	172	16435	3.04	ng	-0.01
78) Terphenyl-d14	13.47	244	21519	3.17	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	9.31	142	236053	54.39	ng	# 93
57) Fluorene	10.82	166	54661	9.07	ng	# 63
70) Phenanthrene	11.79	178	201929	25.24	ng	98
74) Fluoranthene	13.06	202	42729	4.97	ng	98
77) Pyrene	13.31	202	40764	4.26	ng	96

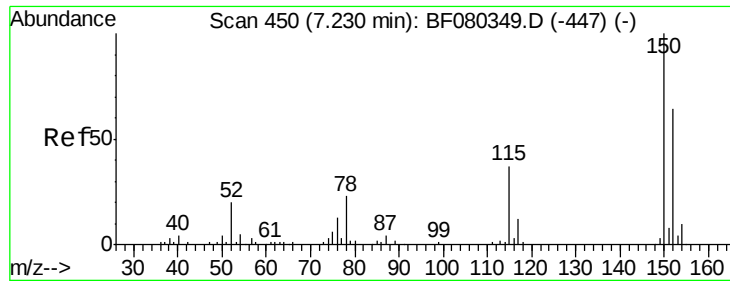
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080405.D
Acq On : 9 Jul 2015 18:25
Operator : TP/UM
Sample : G2866-10DL 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115DL

Quant Time: Jul 10 07:59:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 00:56:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

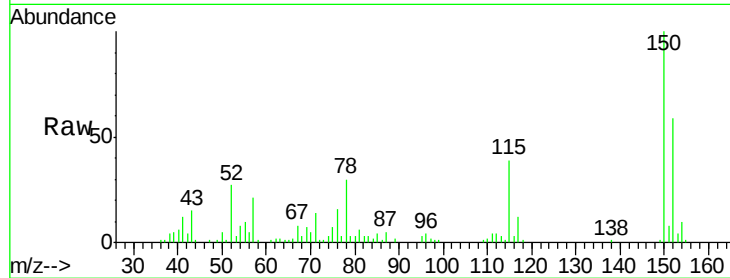
Tgt Ion:152 Resp: 31933

Ion Ratio Lower Upper

152 100

150 168.2 124.7 187.1

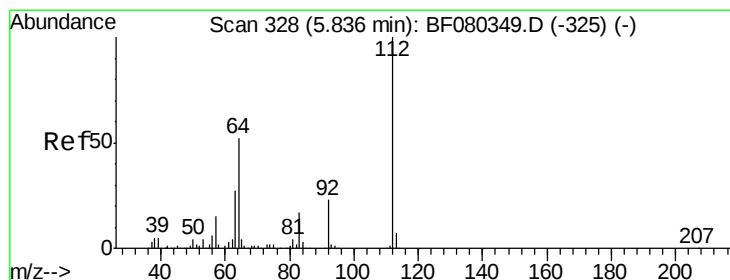
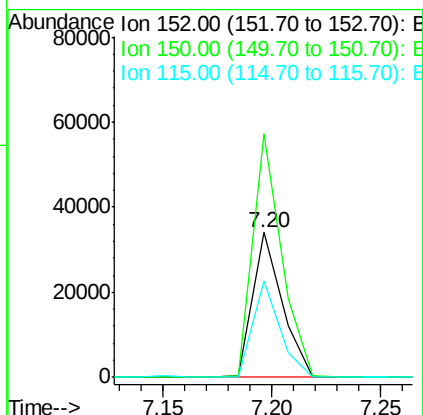
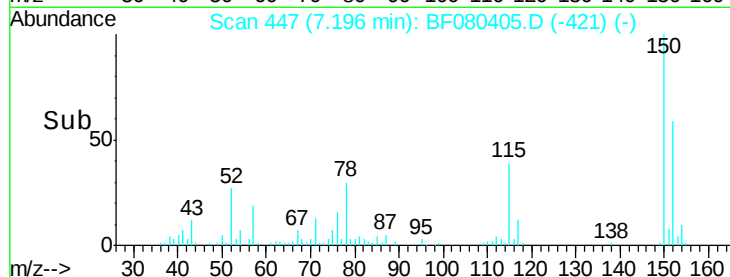
115 66.3 45.7 68.5



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: 5.59 ng

RT: 5.80 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

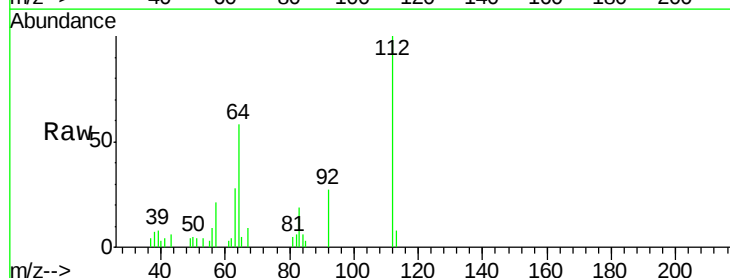
Tgt Ion:112 Resp: 9744

Ion Ratio Lower Upper

112 100

64 58.3 41.8 62.6

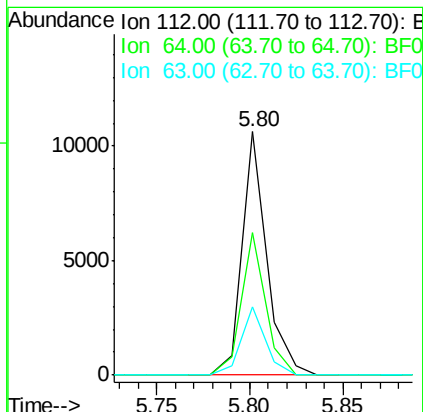
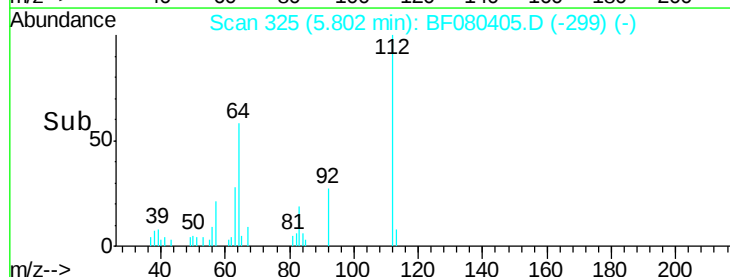
63 28.0 21.5 32.3

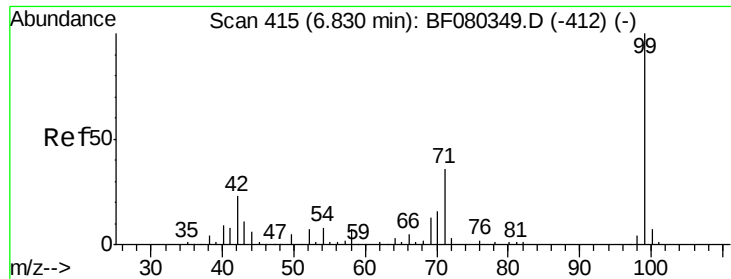


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.81 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

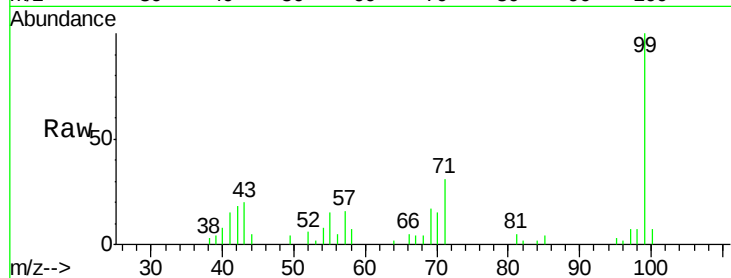
Tgt Ion: 99 Resp: 13439

Ion Ratio Lower Upper

99 100

42 17.5 18.5 27.7#

71 31.5 28.5 42.7

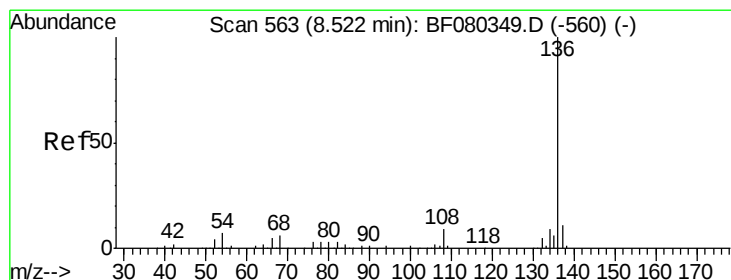
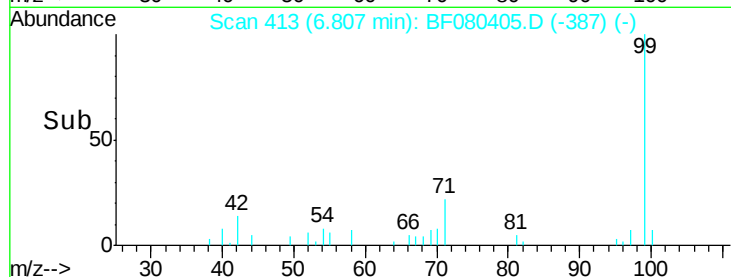
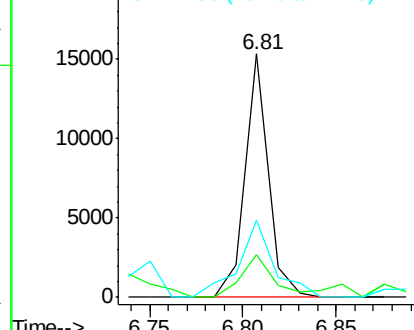


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

Tgt Ion: 136 Resp: 132719

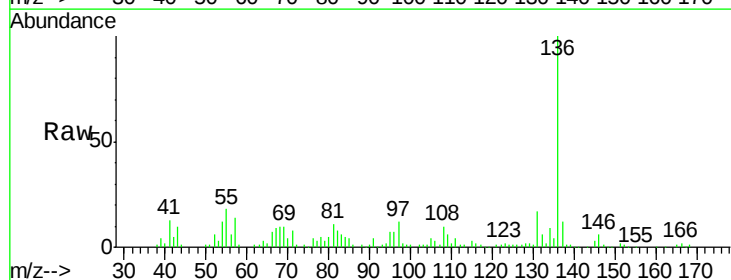
Ion Ratio Lower Upper

136 100

137 12.0 8.5 12.7

54 11.8 5.8 8.8#

68 9.8 4.6 6.8#



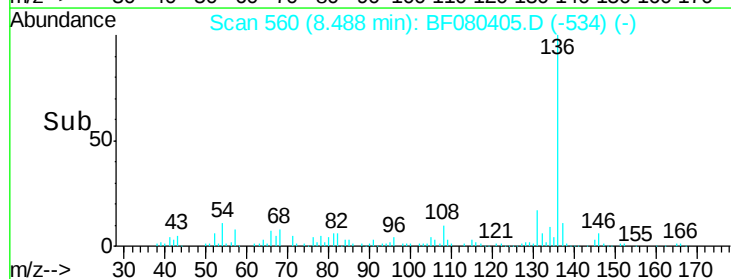
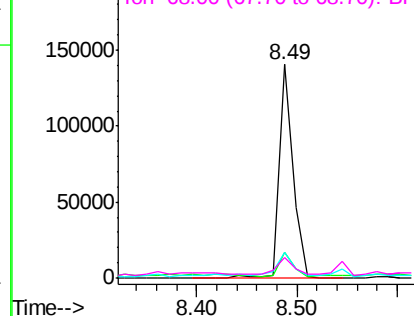
Abundance

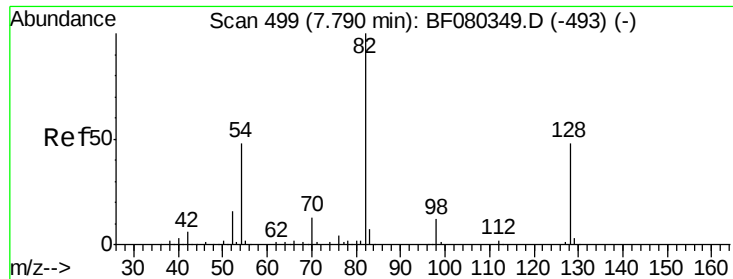
Ion 136.00 (135.70 to 136.70): E

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

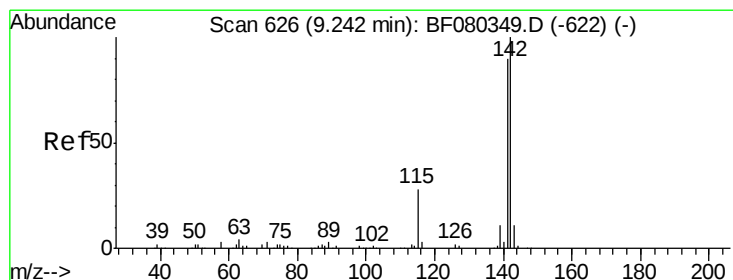
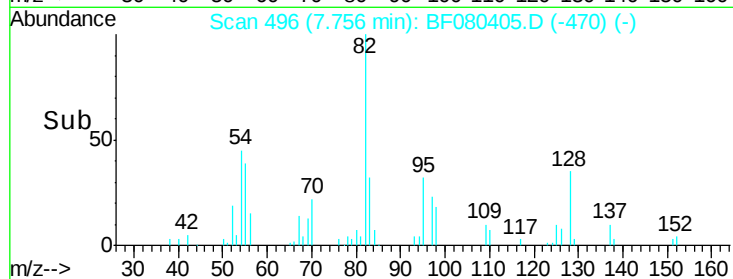
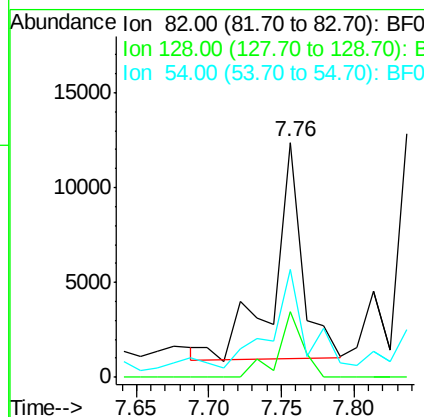
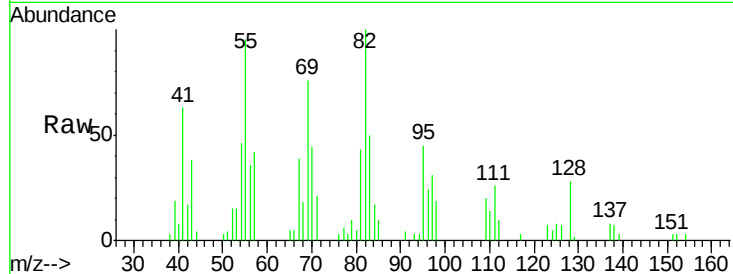




#23
 Nitrobenzene-d5
 Concen: 6.85 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080405.D
 Acq: 9 Jul 2015 18:25

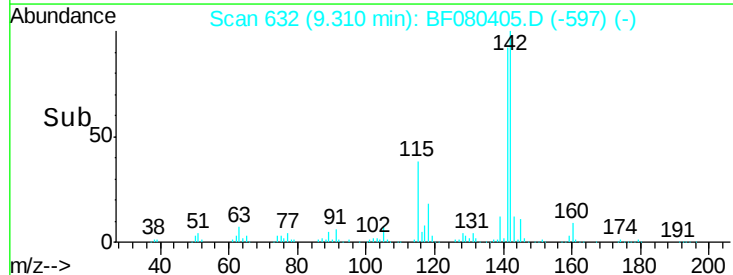
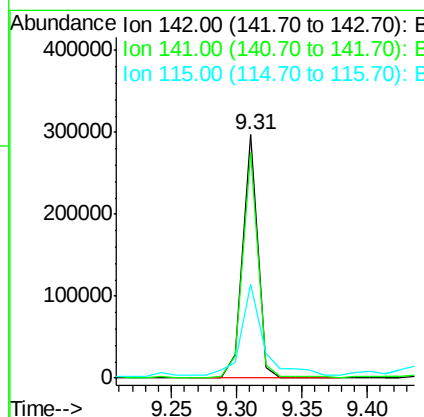
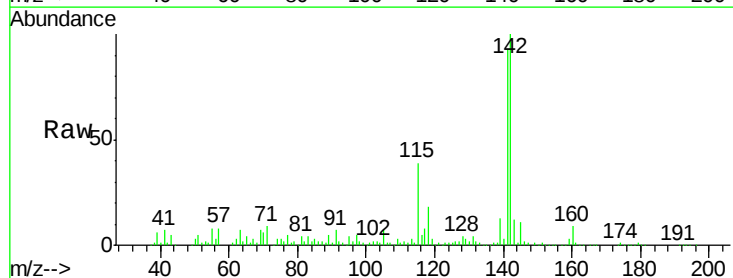
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115DL

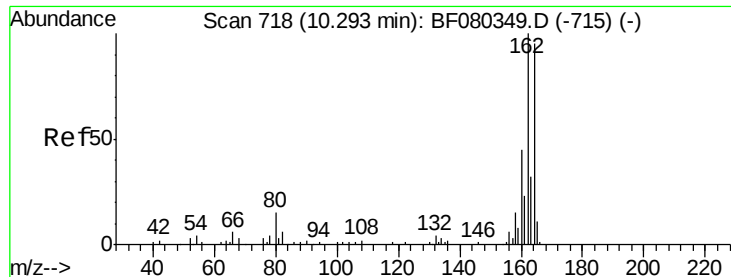
Tgt Ion: 82 Resp: 15597
 Ion Ratio Lower Upper
 82 100
 128 27.8 38.4 57.6#
 54 46.1 38.2 57.2



#37
 2-Methylnaphthalene
 Concen: 54.39 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.10 min
 Lab File: BF080405.D
 Acq: 9 Jul 2015 18:25

Tgt Ion: 142 Resp: 236053
 Ion Ratio Lower Upper
 142 100
 141 92.6 71.8 107.8
 115 38.7 22.6 34.0#

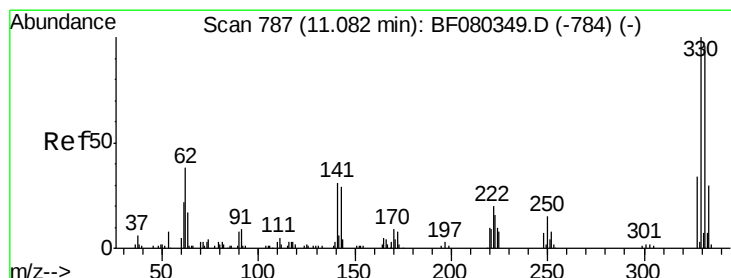
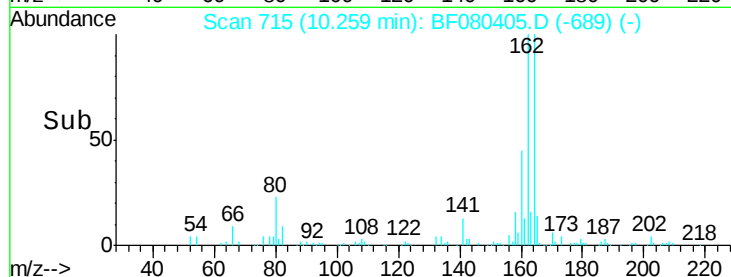
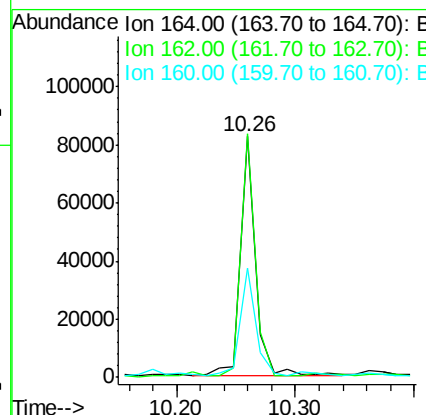
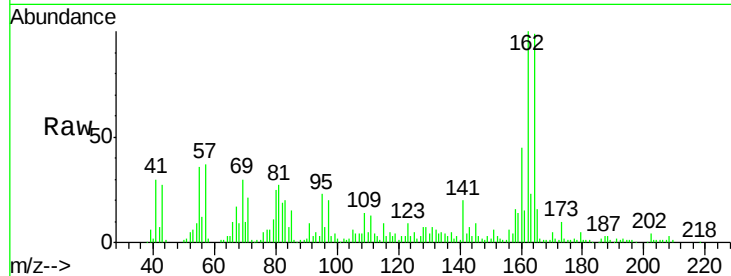




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

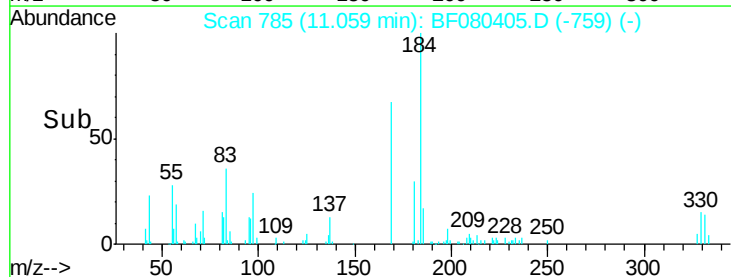
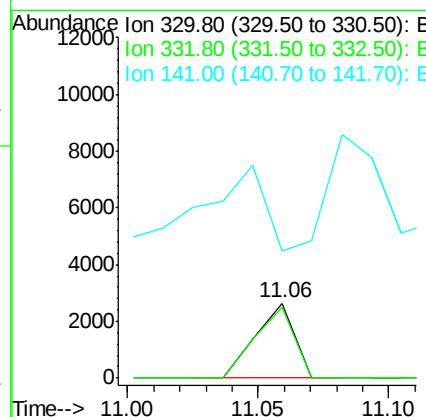
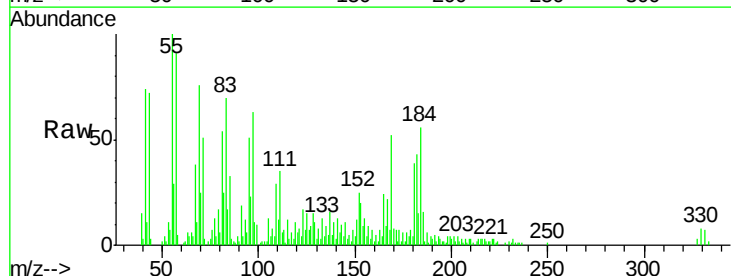
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115DL

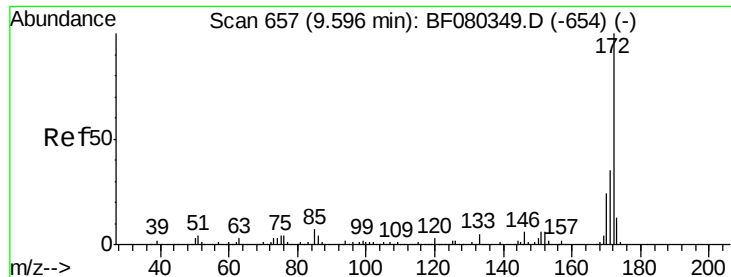
Tgt Ion:164 Resp: 73007
Ion Ratio Lower Upper
164 100
162 101.2 84.5 126.7
160 45.4 37.7 56.5



#41
2,4,6-Tribromophenol
Concen: 3.59 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

Tgt Ion:330 Resp: 2741
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 179.2 29.6 44.4#

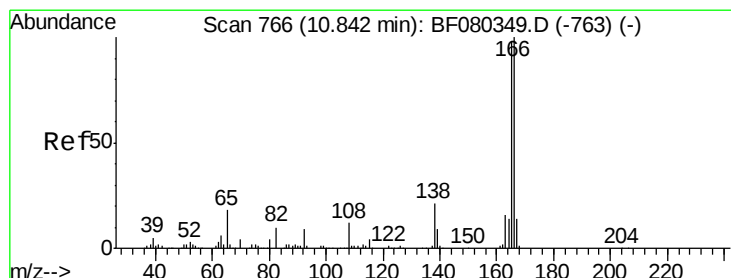
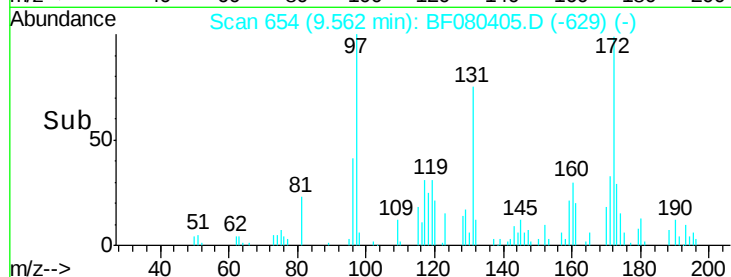
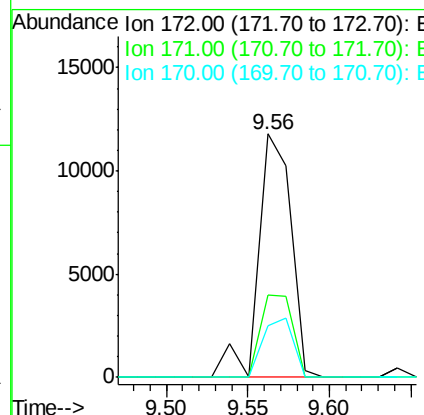
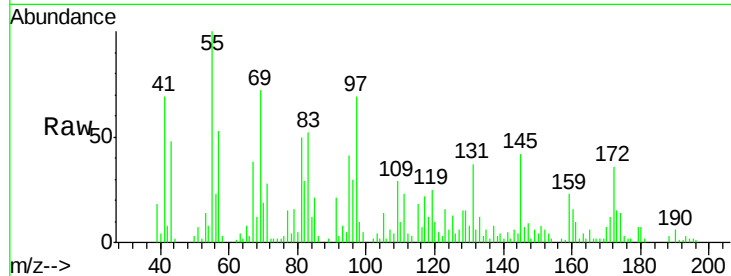




#44
2-Fluorobiphenyl
Concen: 3.04 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

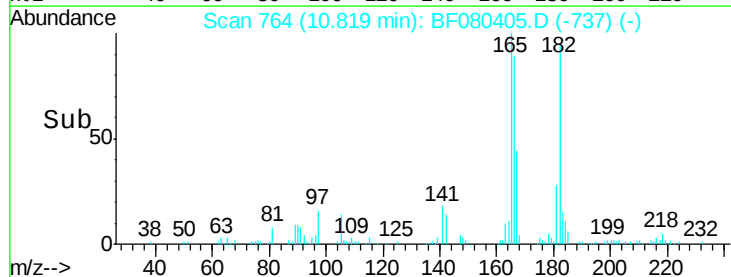
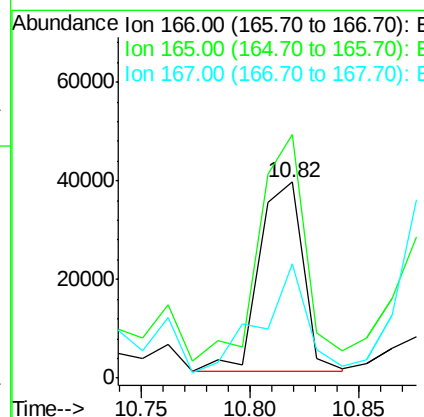
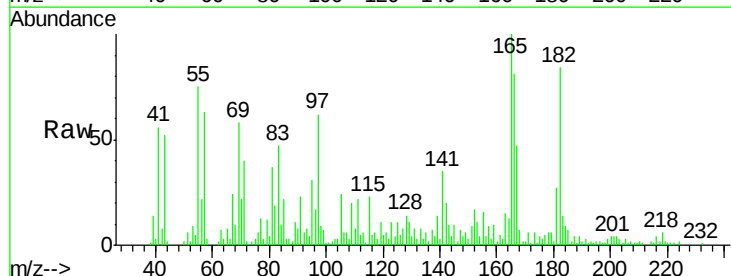
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115DL

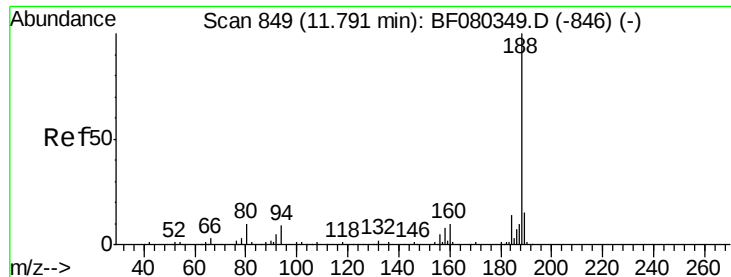
Tgt Ion:172 Resp: 16435
Ion Ratio Lower Upper
172 100
171 33.7 28.3 42.5
170 20.9 19.1 28.7



#57
Fluorene
Concen: 9.07 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

Tgt Ion:166 Resp: 54661
Ion Ratio Lower Upper
166 100
165 124.1 78.6 117.8#
167 58.6 10.8 16.2#

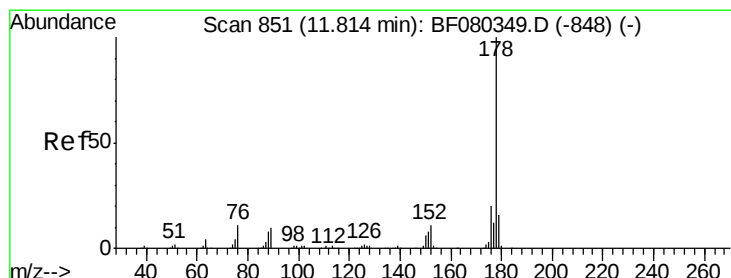
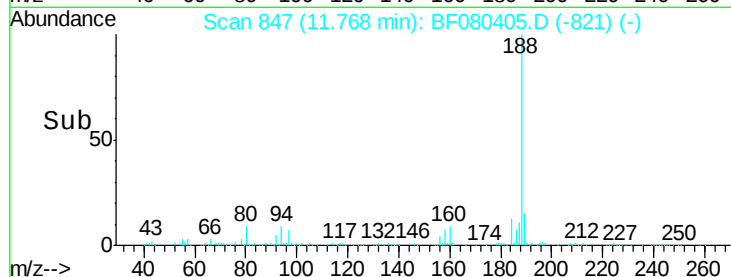
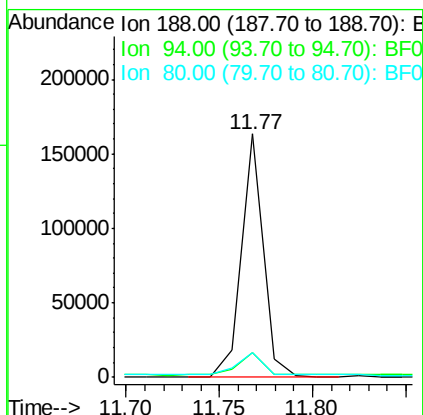
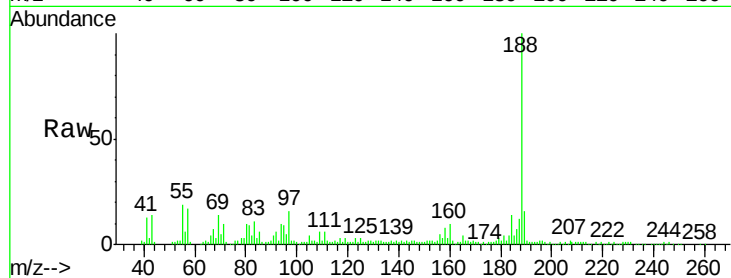




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.77 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

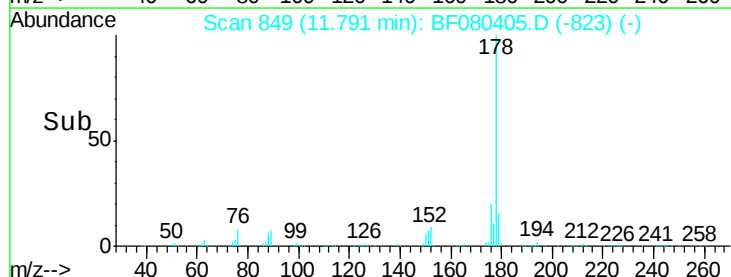
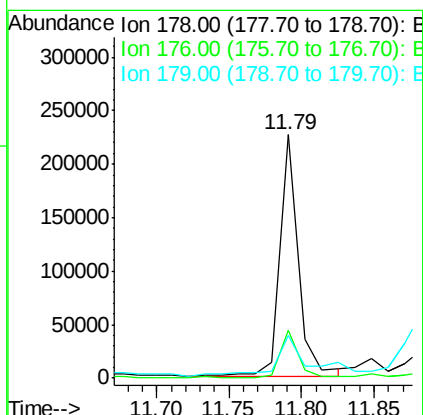
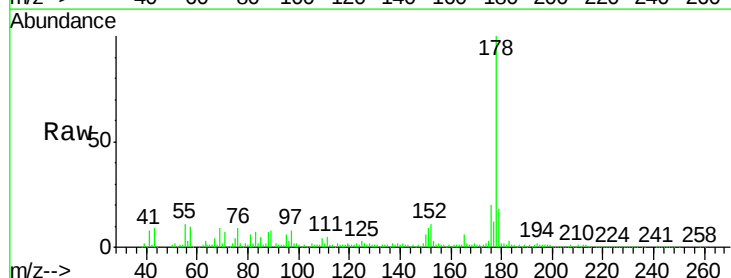
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115DL

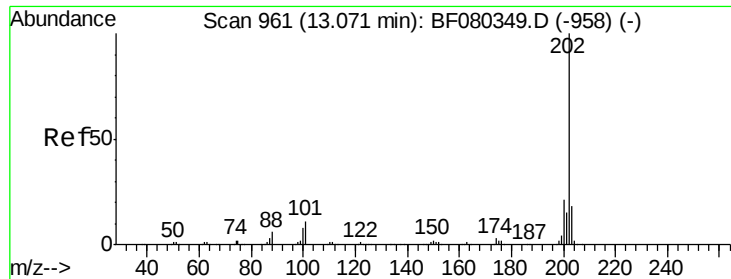
Tgt Ion:188 Resp: 133410
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.4 8.3 12.5



#70
Phenanthrene
Concen: 25.24 ng
RT: 11.79 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

Tgt Ion:178 Resp: 201929
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 17.6 12.6 18.8





#74

Fluoranthene

Concen: 4.97 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

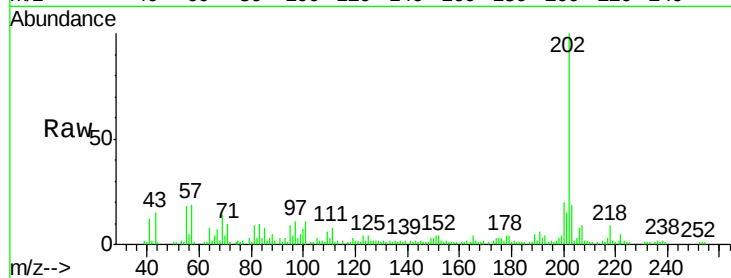
Tgt Ion:202 Resp: 42729

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

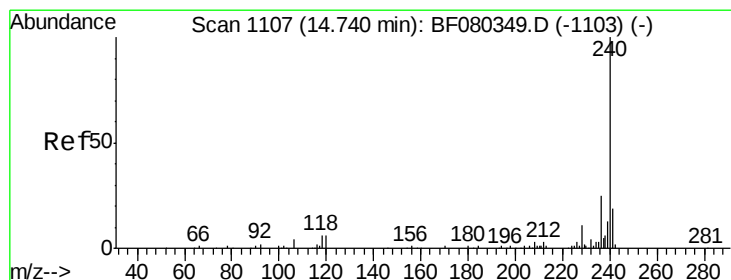
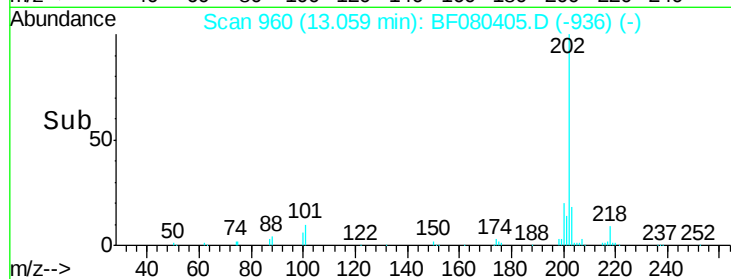
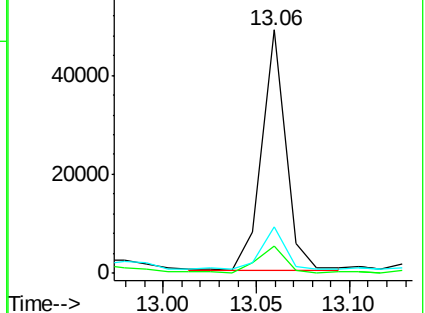
203 19.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1107

Delta R.T. -0.09 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

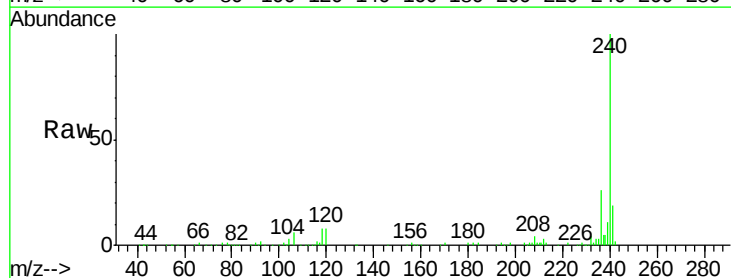
Tgt Ion:240 Resp: 158229

Ion Ratio Lower Upper

240 100

120 8.3 5.1 7.7#

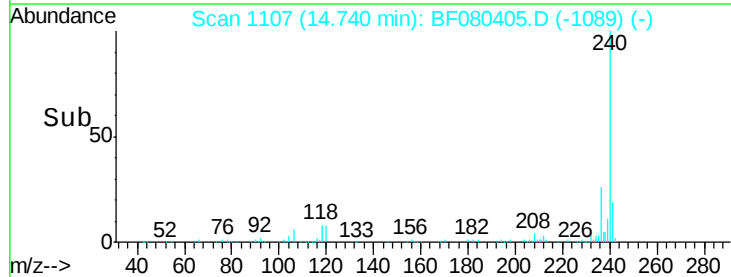
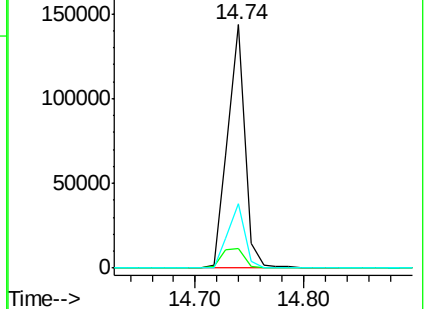
236 26.4 20.4 30.6

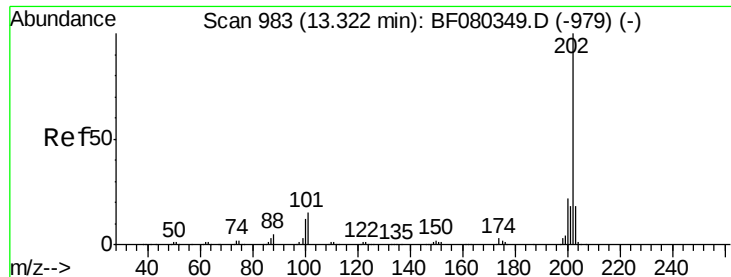


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.26 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

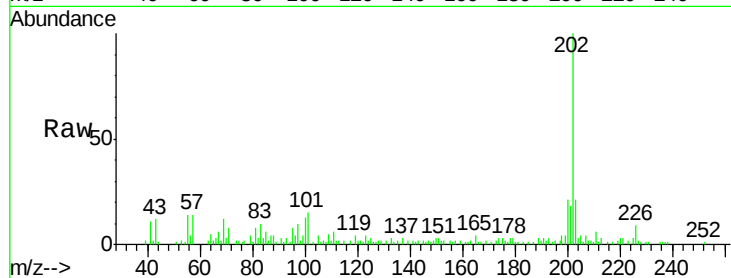
Tgt Ion:202 Resp: 40764

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

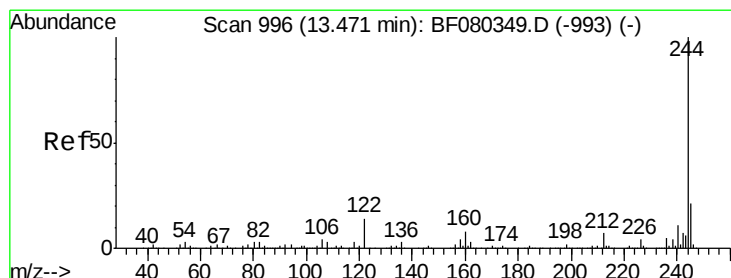
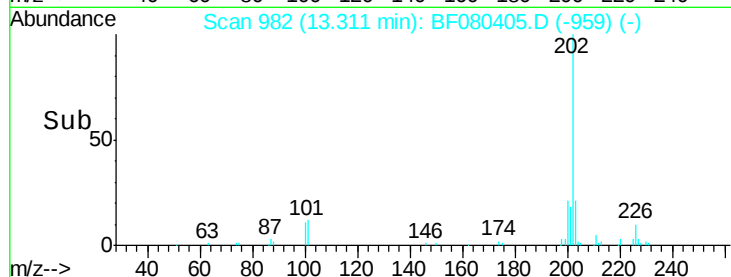
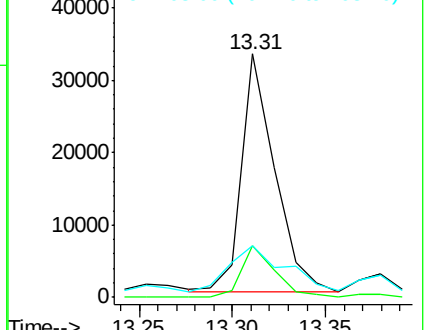
203 21.4 14.3 21.5



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: 3.17 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.03 min

Lab File: BF080405.D

Acq: 9 Jul 2015 18:25

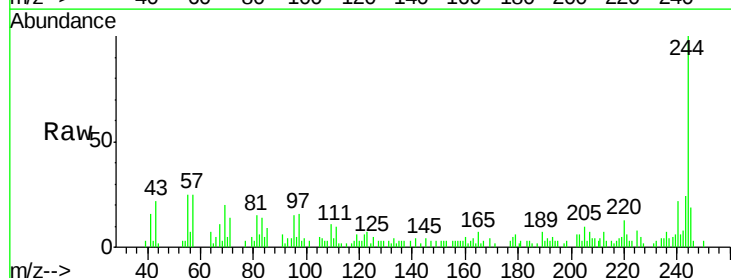
Tgt Ion:244 Resp: 21519

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

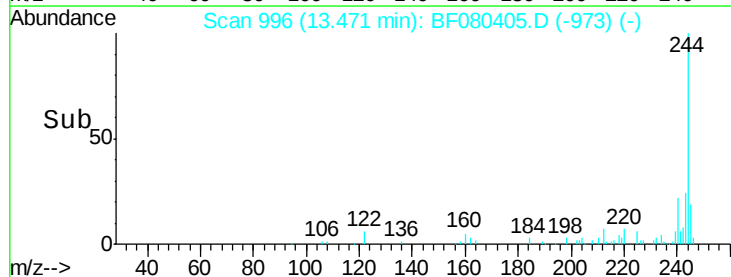
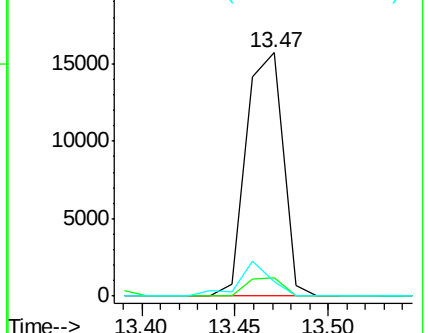
122 6.2 11.1 16.7#

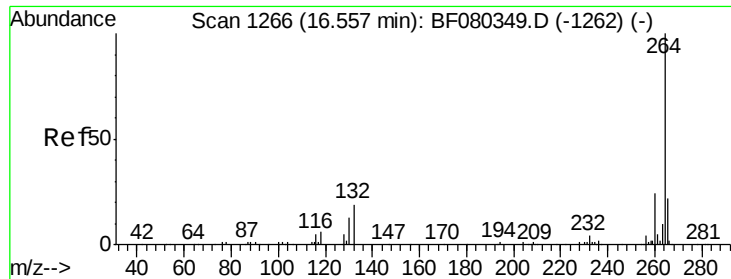


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

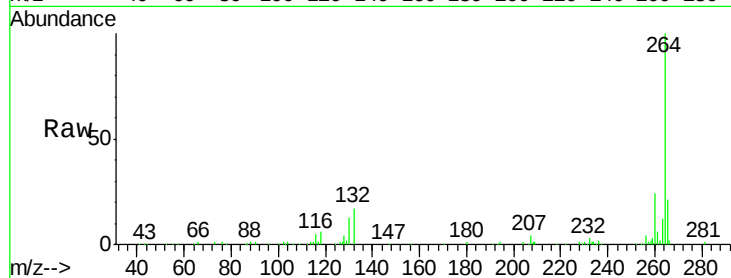




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.17 min
Lab File: BF080405.D
Acq: 9 Jul 2015 18:25

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.6	26.4



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

