

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080672.D
 Acq On : 27 Jul 2015 15:06
 Operator : TP/UM
 Sample : G3069-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)DL

Quant Time: Jul 28 14:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

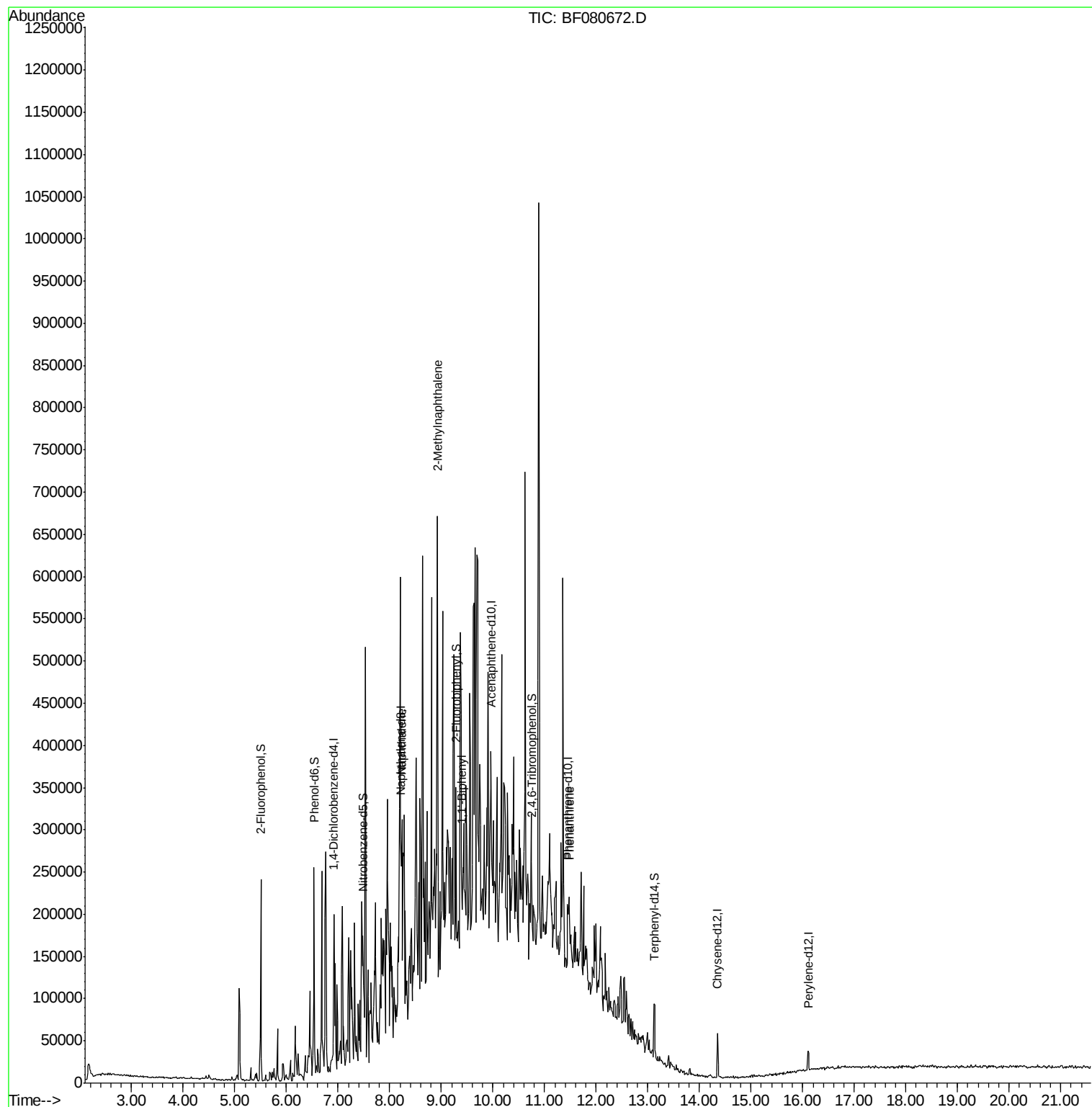
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	21263	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	68100	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	26316	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	33816	20.00	ng	-0.01
75) Chrysene-d12	14.35	240	21741	20.00	ng	0.19
86) Perylene-d12	16.11	264	12349	20.00	ng	0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	49226	38.98	ng	0.00
7) Phenol-d6	6.53	99	60658	40.22	ng	-0.01
23) Nitrobenzene-d5	7.48	82	34622	25.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	6629	28.04	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	47164	27.65	ng	-0.01
78) Terphenyl-d14	13.13	244	24390	24.16	ng	0.07
Target Compounds						
31) Naphthalene	8.24	128	67920	19.90	ng	Qvalue # 94
37) 2-Methylnaphthalene	8.92	142	125546m	51.63	ng	
45) 1,1'-Biphenyl	9.39	154	12213	6.64	ng	92
70) Phenanthrene	11.48	178	36289	19.44	ng	# 96

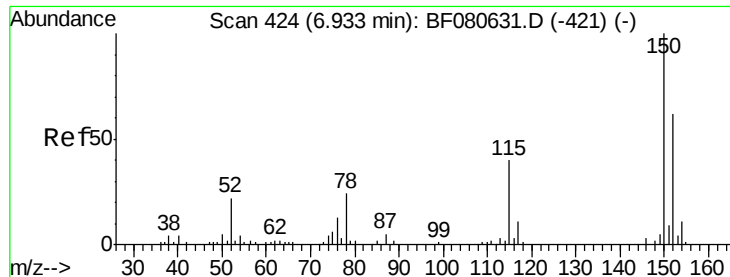
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080672.D
Acq On : 27 Jul 2015 15:06
Operator : TP/UM
Sample : G3069-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA(2)DL

Quant Time: Jul 28 14:32:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampled :

SA(2)DL

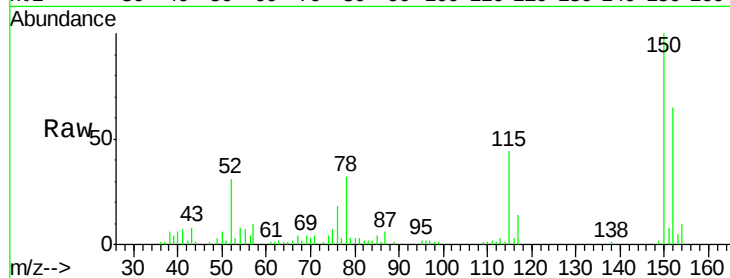
Tot Ion:152 Resp: 21263

Ion Ratio Lower Upper

152 100

150 154.8 128.9 193.3

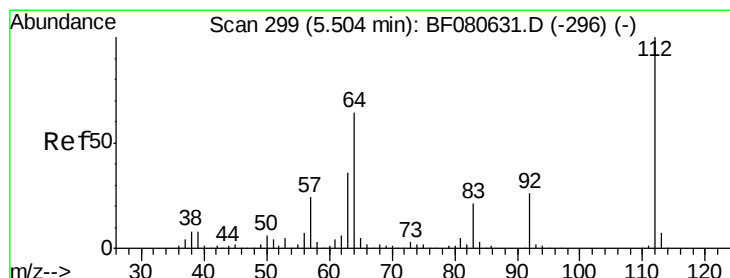
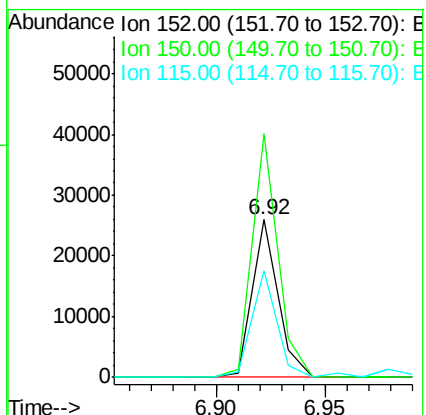
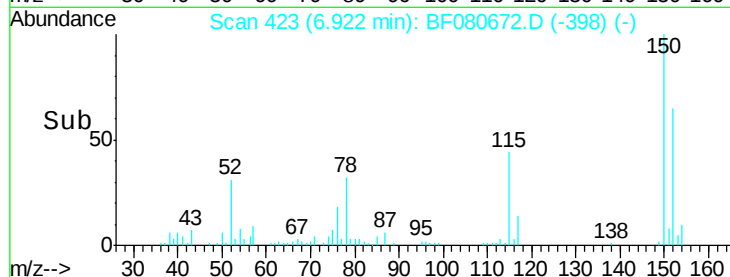
115 67.7 51.0 76.6



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: 38.98 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

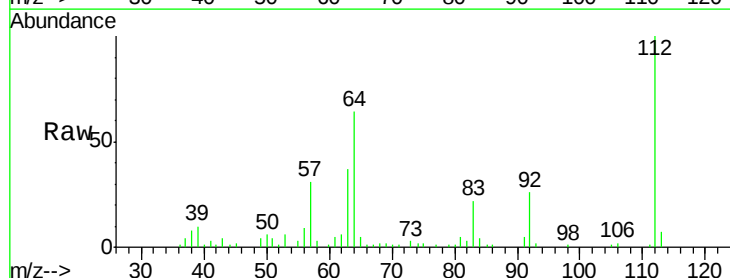
Tgt Ion:112 Resp: 49226

Ion Ratio Lower Upper

112 100

64 64.3 51.2 76.8

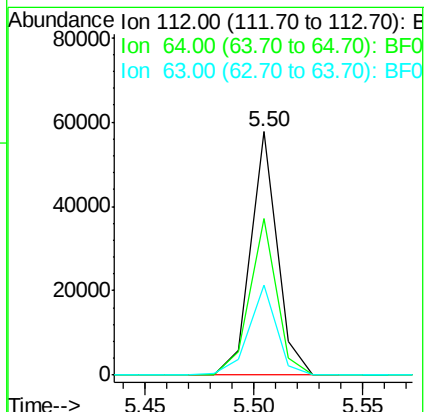
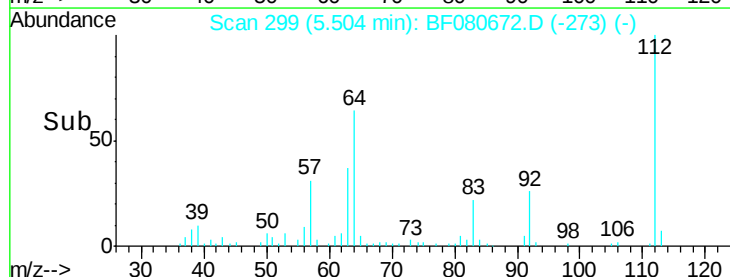
63 37.1 29.0 43.6

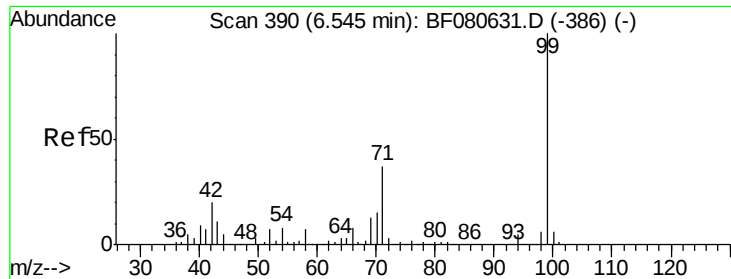


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.22 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

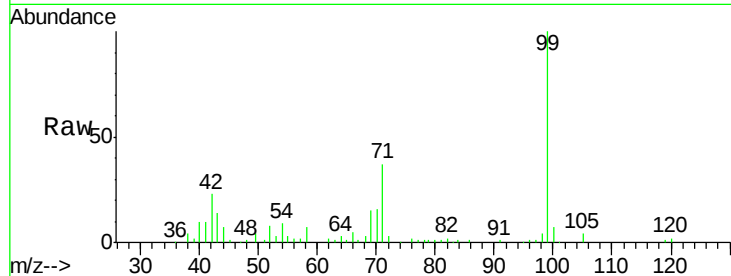
Tot Ion: 99 Resp: 60658

Ion Ratio Lower Upper

99 100

42 22.9 16.3 24.5

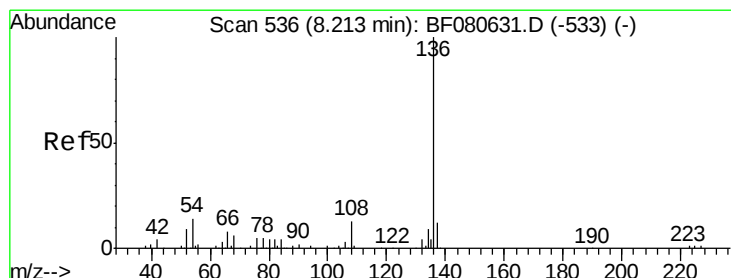
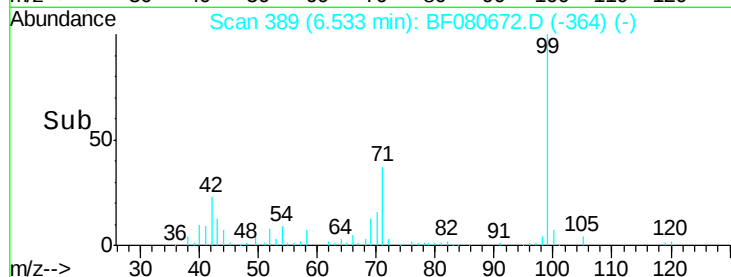
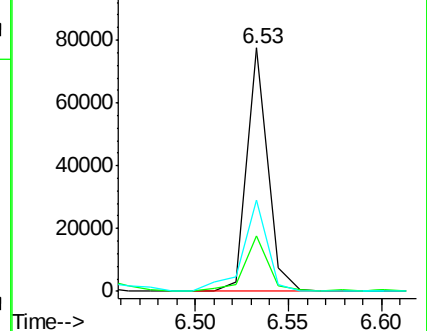
71 37.4 29.7 44.5



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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Tgt Ion: 136 Resp: 68100

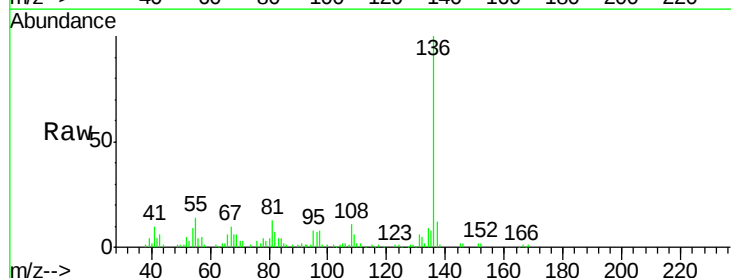
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.5 11.6 17.4#

68 6.2 5.0 7.4

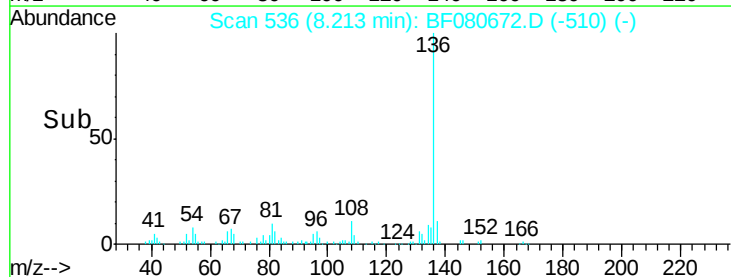
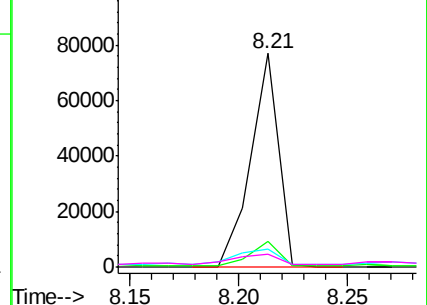


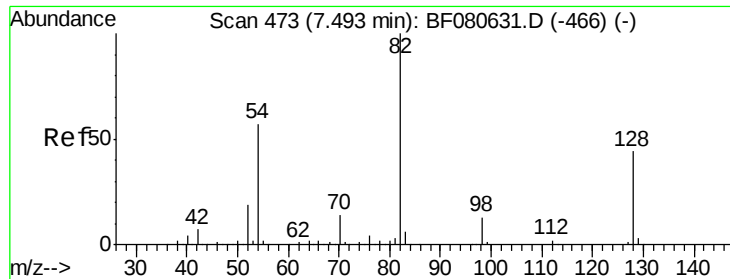
Abundance Ion 136.00 (135.70 to 136.70): E

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

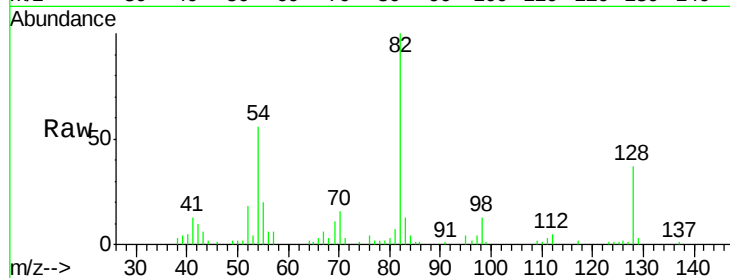




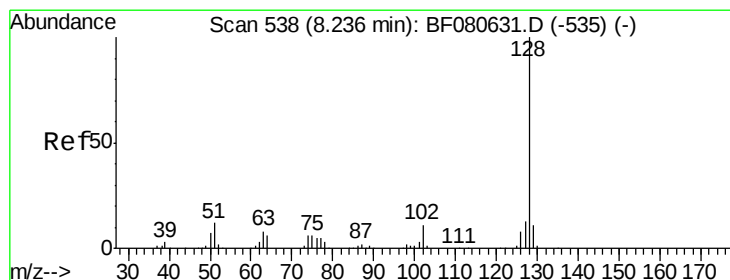
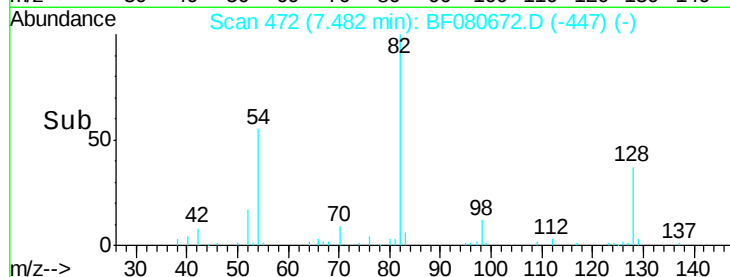
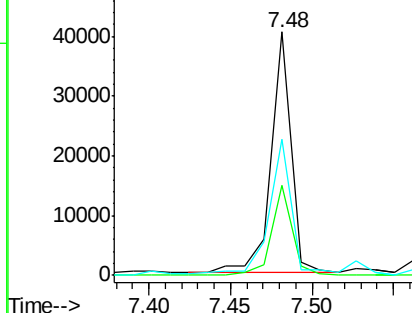
#23
Nitrobenzene-d5
Concen: 25.53 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Instrument :
BNA_F
ClientSampleId :
SA(2)DL

Tot Ion: 82 Resp: 34622
Ion Ratio Lower Upper
82 100
128 36.8 34.8 52.2
54 55.8 45.4 68.0

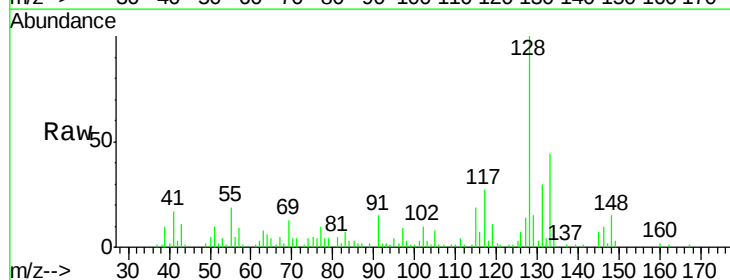


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

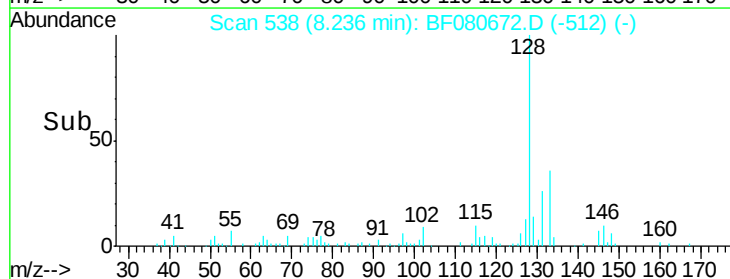
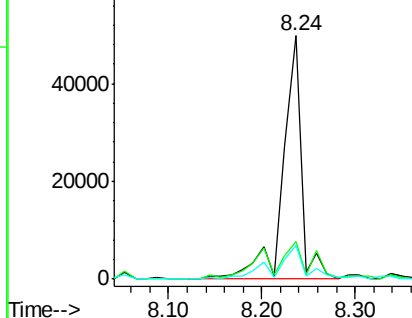


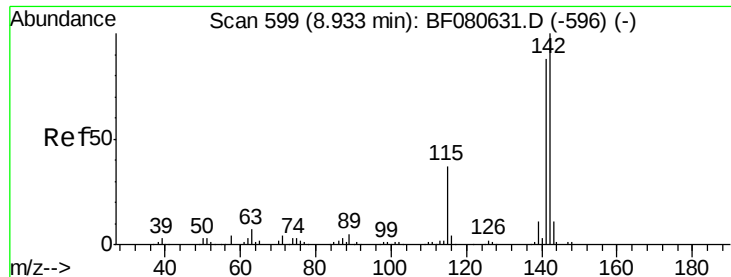
#31
Naphthalene
Concen: 19.90 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Tgt Ion: 128 Resp: 67920
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.6#
127 13.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

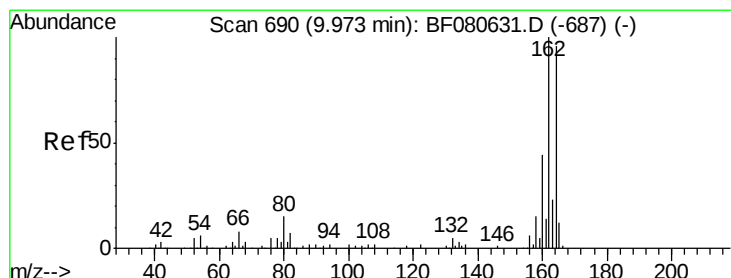
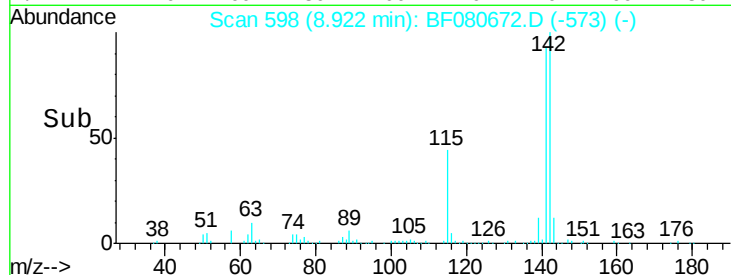
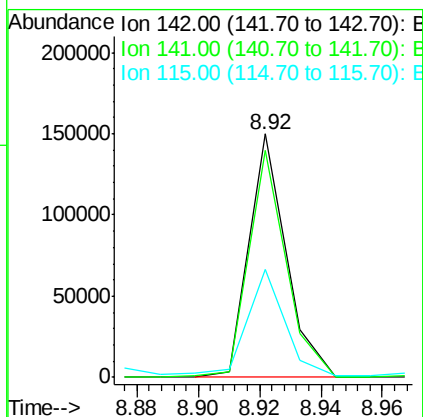
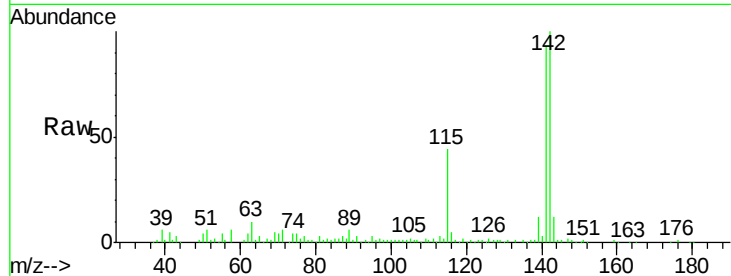




#37
2-Methylnaphthalene
Concen: 51.63 ng/mL
RT: 8.92 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

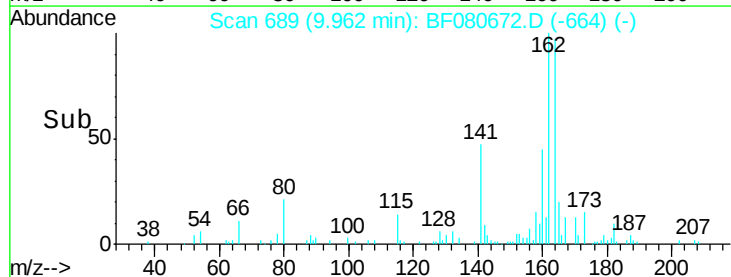
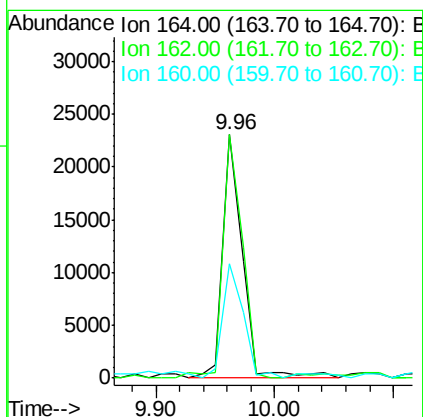
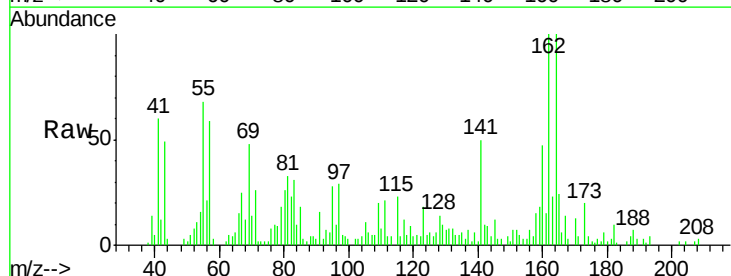
Instrument :
BNA_F
ClientSampleID :
SA(2)DL

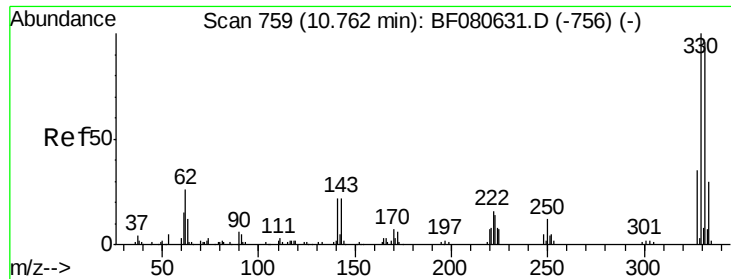
Tot Ion:142 Resp: 125546
Ion Ratio Lower Upper
142 100
141 93.1 70.7 106.1
115 44.2 29.3 43.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Tgt Ion:164 Resp: 26316
Ion Ratio Lower Upper
164 100
162 99.9 83.3 124.9
160 47.1 36.9 55.3

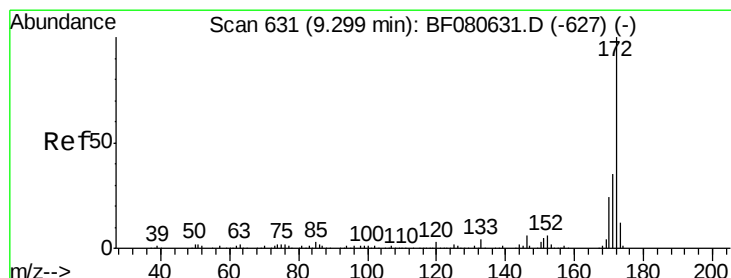
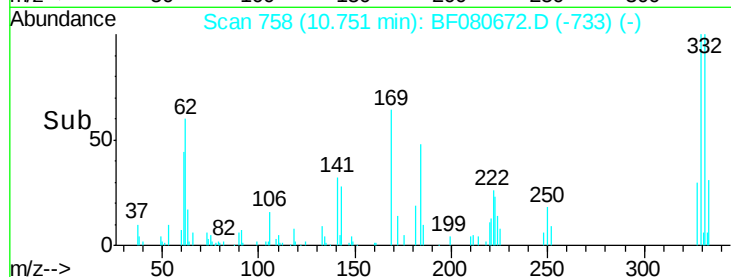
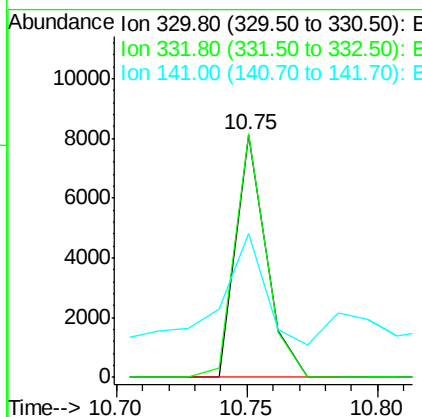
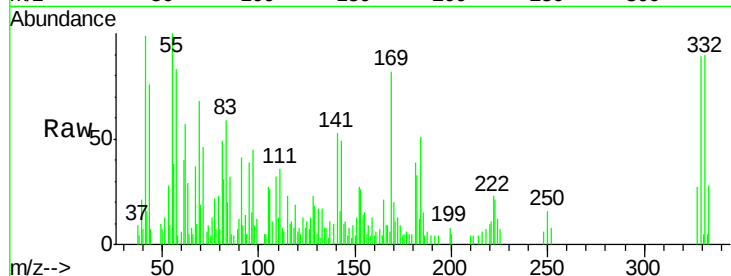




#41
 2,4,6-Tribromophenol
 Concen: 28.04 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

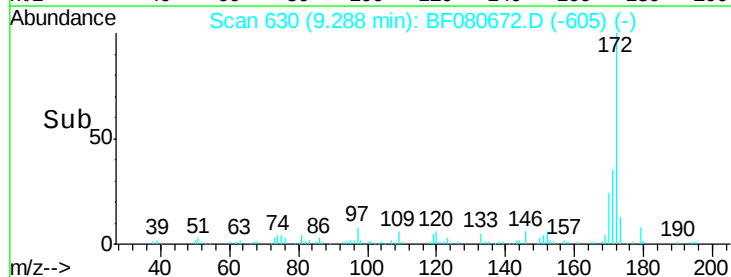
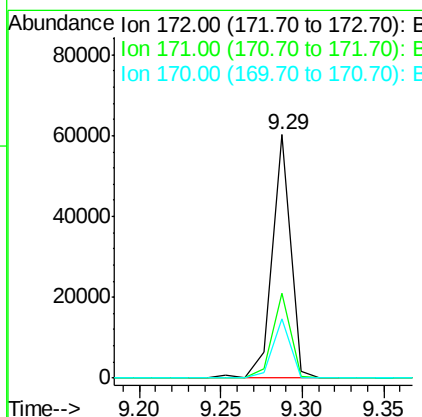
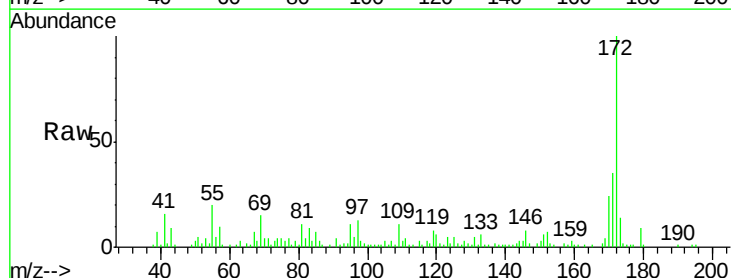
Instrument :
 BNA_F
 ClientSampled :
 SA(2)DL

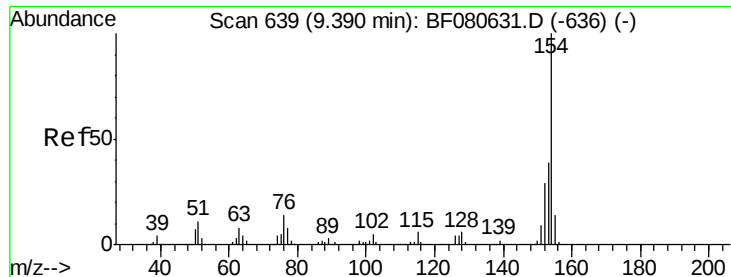
Tot Ion:330 Resp: 6629
 Ion Ratio Lower Upper
 330 100
 332 102.9 76.7 115.1
 141 66.8 32.7 49.1#



#44
 2-Fluorobiphenyl
 Concen: 27.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Tgt Ion:172 Resp: 47164
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.7 41.5
 170 24.3 19.0 28.4





#45

1,1'-Biphenyl

Concen: 6.64 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

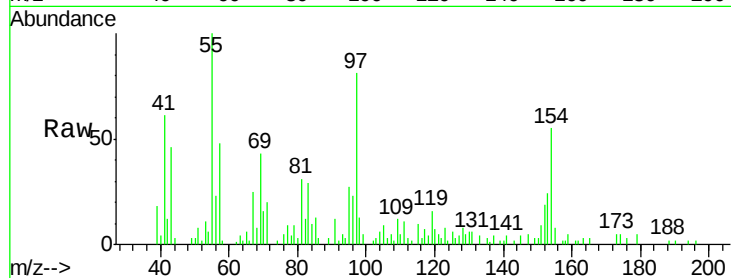
Tot Ion:154 Resp: 12213

Ion Ratio Lower Upper

154 100

153 42.8 19.4 59.4

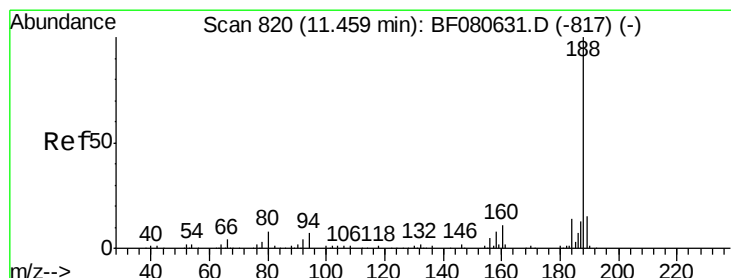
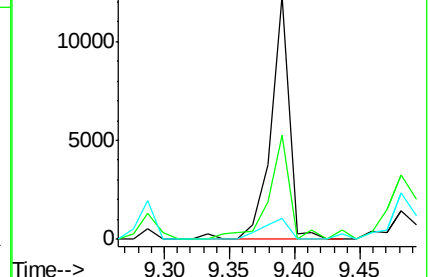
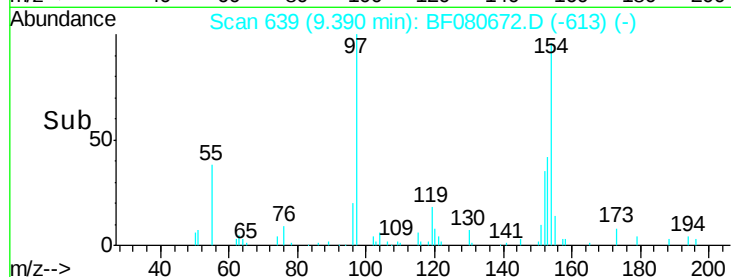
76 8.6 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

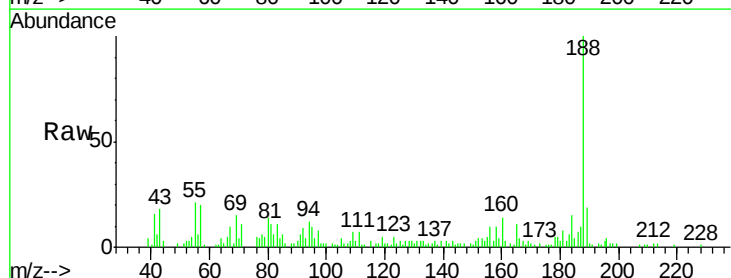
Tgt Ion:188 Resp: 33816

Ion Ratio Lower Upper

188 100

94 12.0 5.6 8.4#

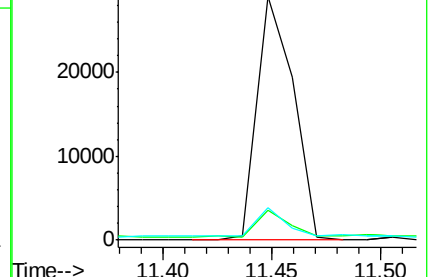
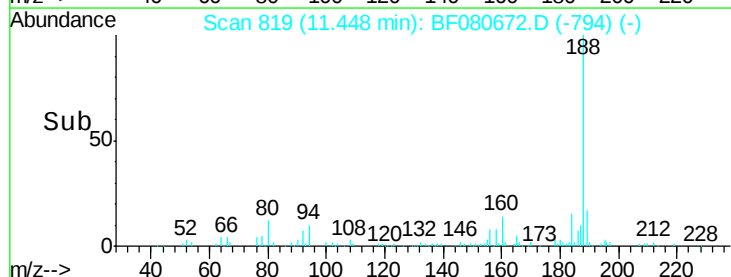
80 13.5 6.1 9.1#

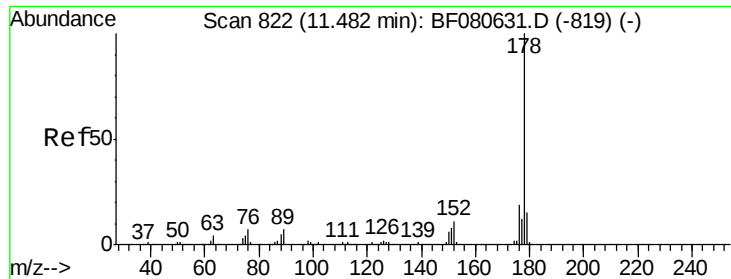


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 19.44 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

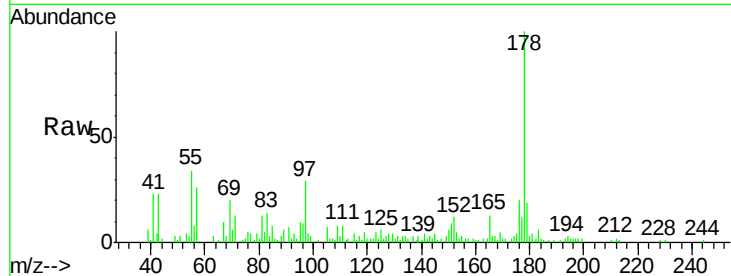
Tot Ion:178 Resp: 36289

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

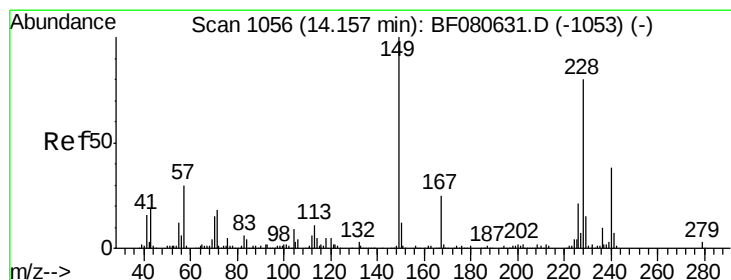
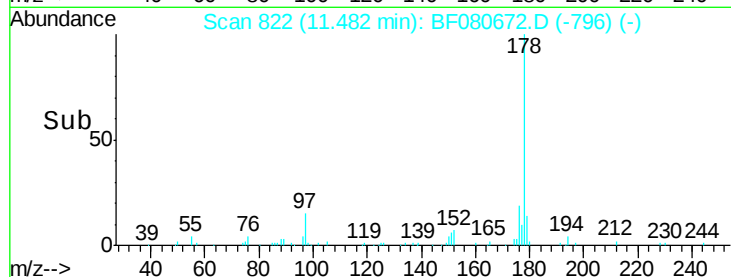
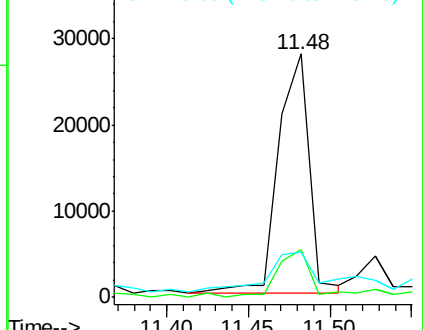
179 18.7 11.8 17.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.19 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

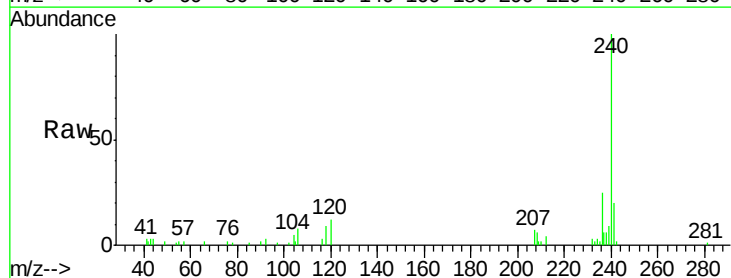
Tgt Ion:240 Resp: 21741

Ion Ratio Lower Upper

240 100

120 12.0 10.8 16.2

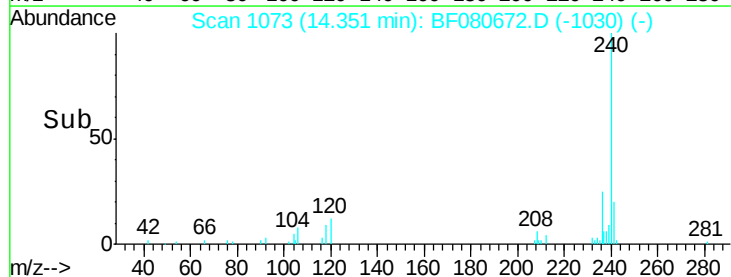
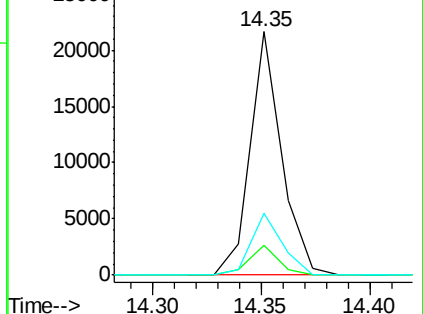
236 25.4 20.3 30.5

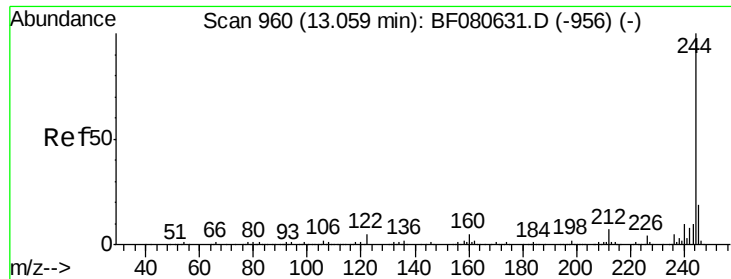


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

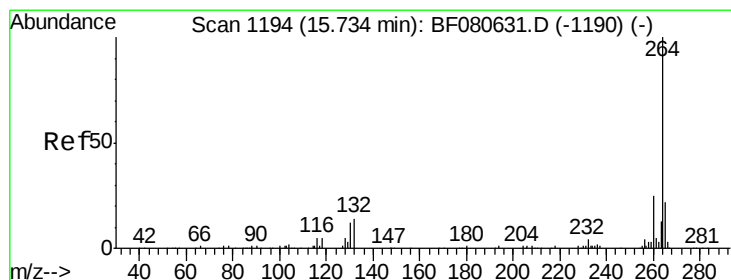
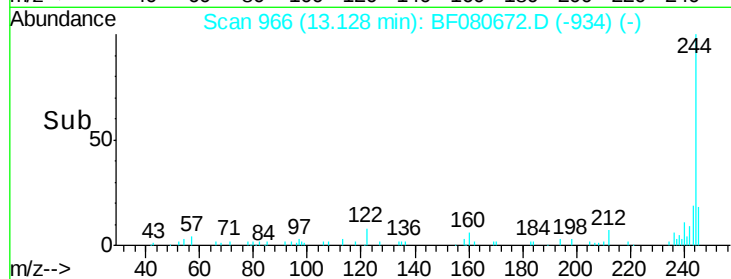
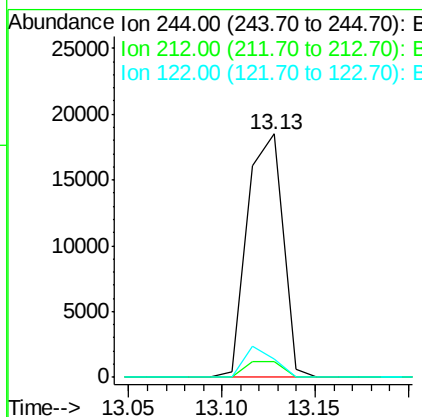
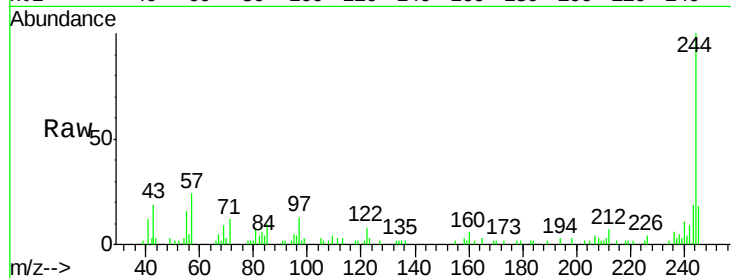




#78
 Terphenyl-d14
 Concen: 24.16 ng
 RT: 13.13 min Scan# 966
 Delta R.T. 0.07 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)DL

Tot Ion:244 Resp: 24390
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 7.6 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.11 min Scan# 1227
 Delta R.T. 0.38 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Tgt Ion:264 Resp: 12349
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 22.3 17.4 26.0

