

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080646.D
 Acq On : 25 Jul 2015 1:12
 Operator : TP/UM
 Sample : G3069-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

Quant Time: Jul 25 06:02:32 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

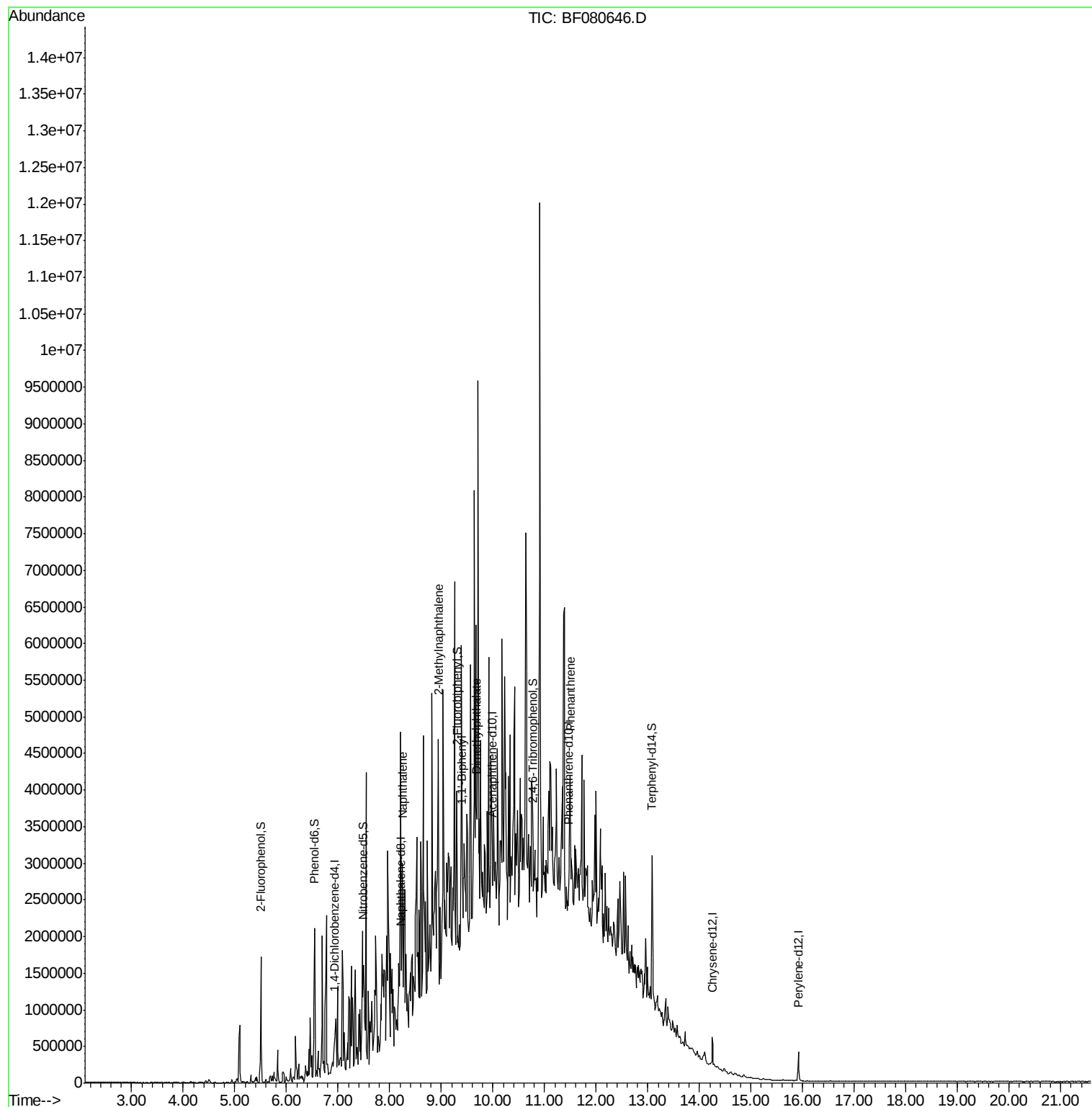
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51027	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	169037	20.00	ng	0.01
38) Acenaphthene-d10	9.98	164	83425	20.00	ng	0.01
63) Phenanthrene-d10	11.47	188	156422	20.00	ng	0.01
75) Chrysene-d12	14.25	240	180298	20.00	ng	0.09
86) Perylene-d12	15.92	264	182524	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	377460	124.56	ng	0.00
7) Phenol-d6	6.54	99	546670	151.03	ng	0.00
23) Nitrobenzene-d5	7.49	82	342832	101.86	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	106621	142.25	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	535192	98.98	ng	0.00
78) Terphenyl-d14	13.08	244	535524	63.96	ng	0.02
Target Compounds						
31) Naphthalene	8.25	128	646771	76.36	ng	Qvalue # 93
37) 2-Methylnaphthalene	8.94	142	1280297	212.12	ng	100
45) 1,1'-Biphenyl	9.40	154	134360	23.05	ng	94
49) Dimethylphthalate	9.69	163	91601	15.35	ng	# 86
70) Phenanthrene	11.49	178	597065	69.15	ng	# 96

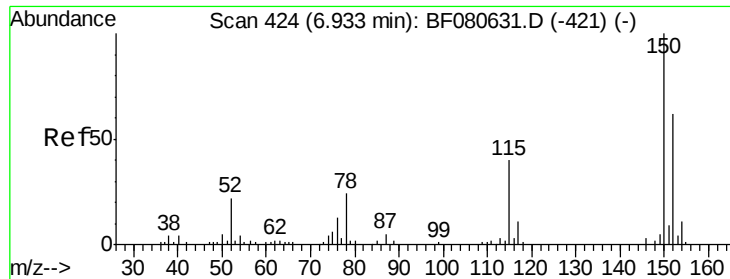
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

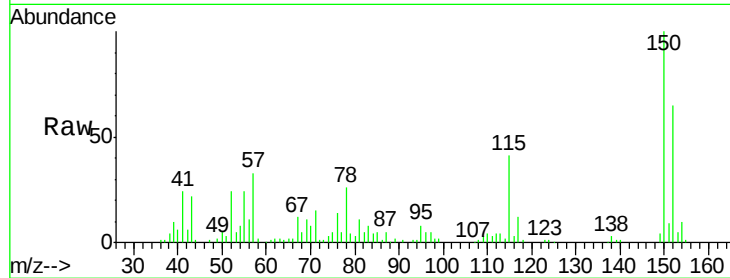
Tgt Ion:152 Resp: 51027

Ion Ratio Lower Upper

152 100

150 153.5 128.9 193.3

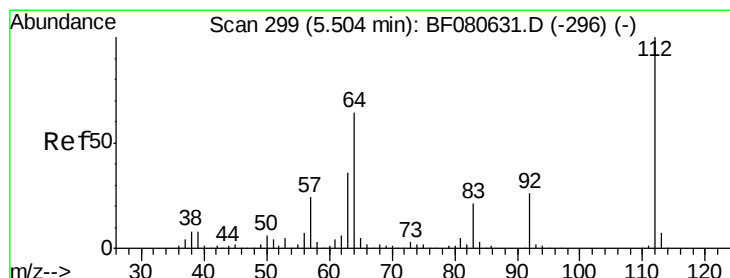
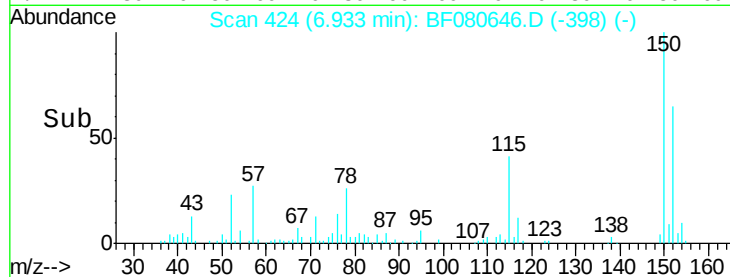
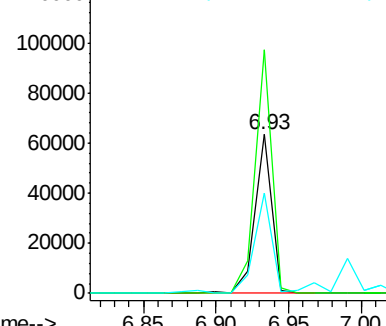
115 63.0 51.0 76.6



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: 124.56 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

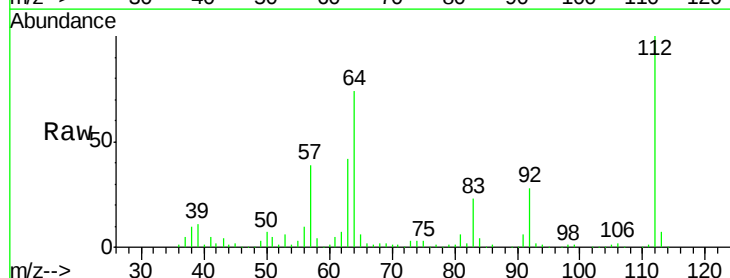
Tgt Ion:112 Resp: 377460

Ion Ratio Lower Upper

112 100

64 73.7 51.2 76.8

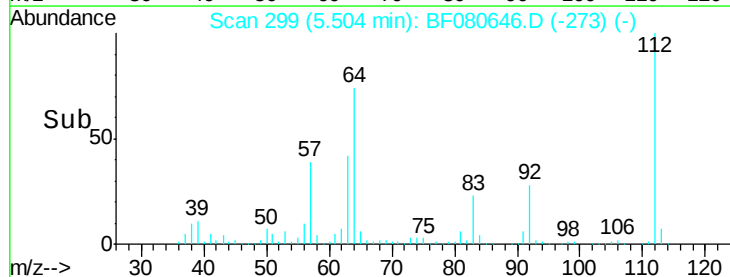
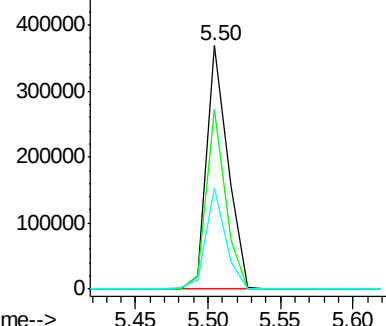
63 41.9 29.0 43.6

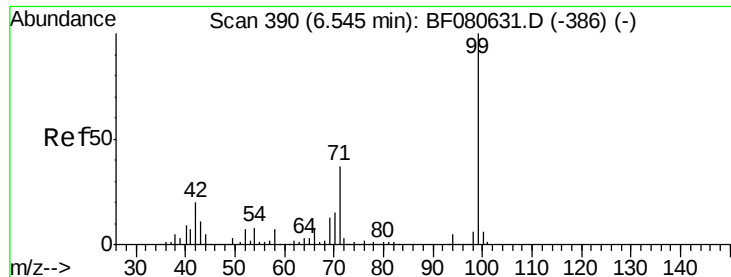


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.03 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

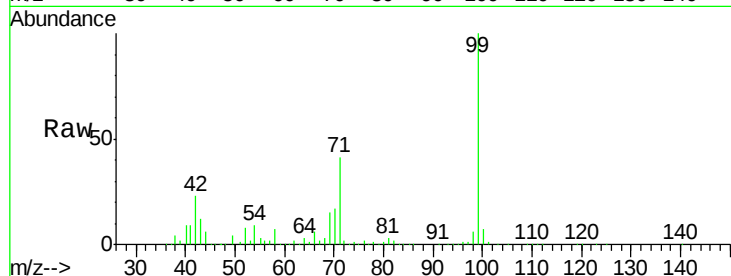
Tgt Ion: 99 Resp: 546670

Ion Ratio Lower Upper

99 100

42 23.4 16.3 24.5

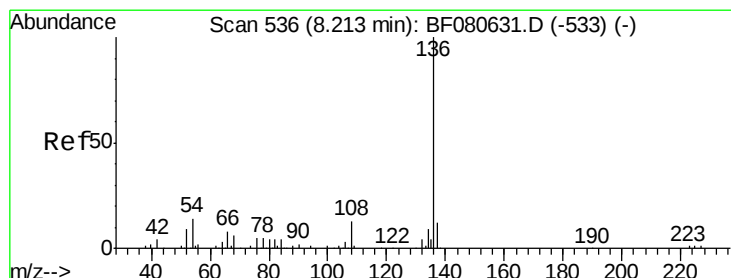
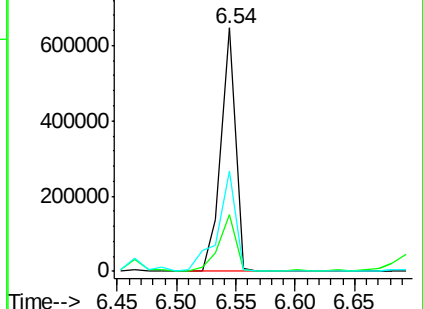
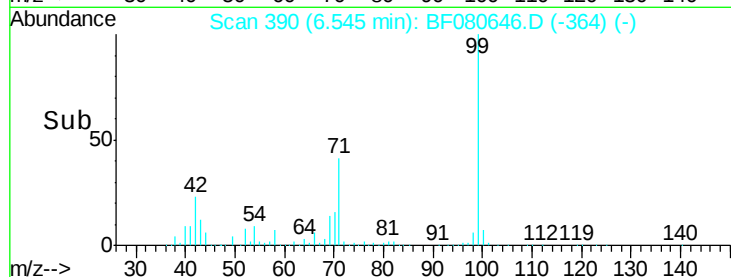
71 41.1 29.7 44.5



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: 8.22 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Tgt Ion: 136 Resp: 169037

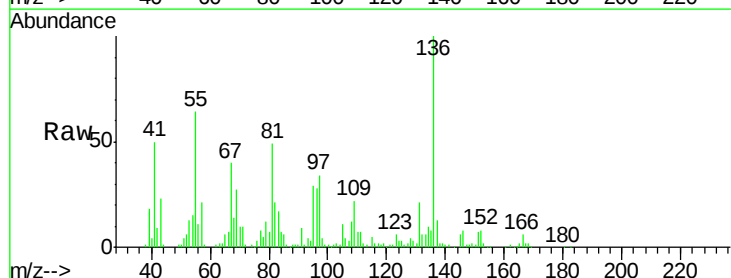
Ion Ratio Lower Upper

136 100

137 12.7 9.3 13.9

54 15.3 11.6 17.4

68 13.6 5.0 7.4#

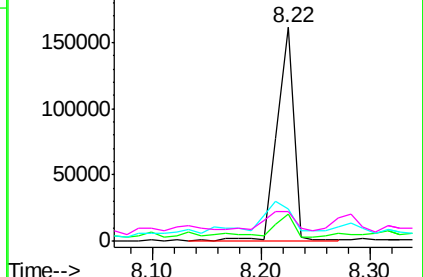
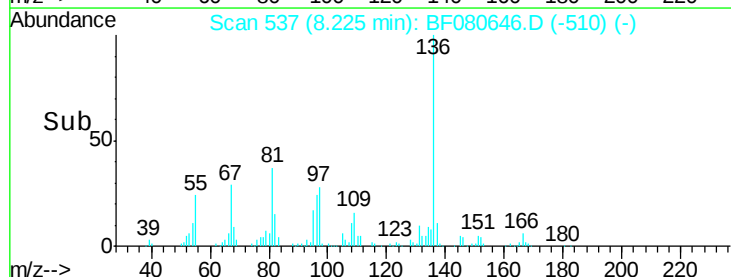


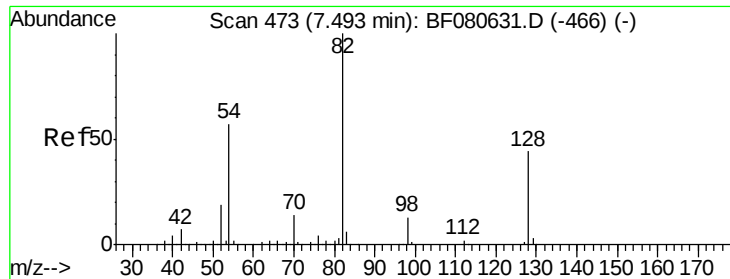
Abundance Ion 136.00 (135.70 to 136.70): E

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

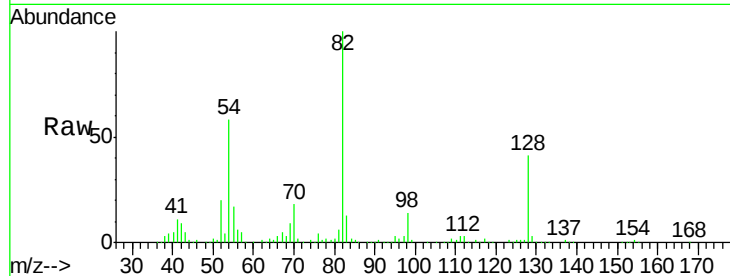




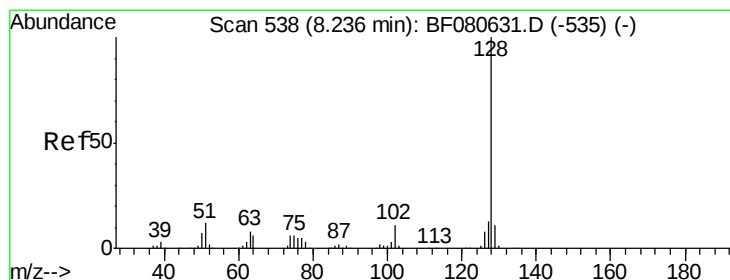
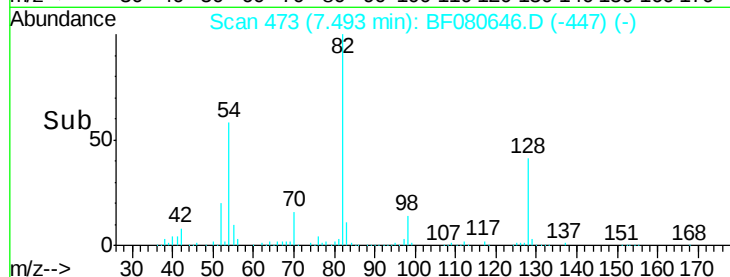
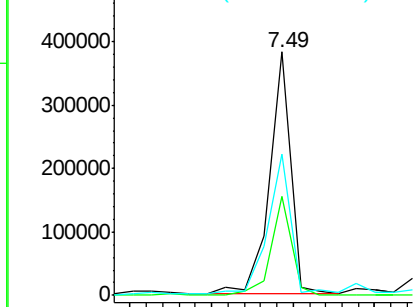
#23
 Nitrobenzene-d5
 Concen: 101.86 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

Tgt Ion: 82 Resp: 342832
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.8 52.2
 54 58.0 45.4 68.0

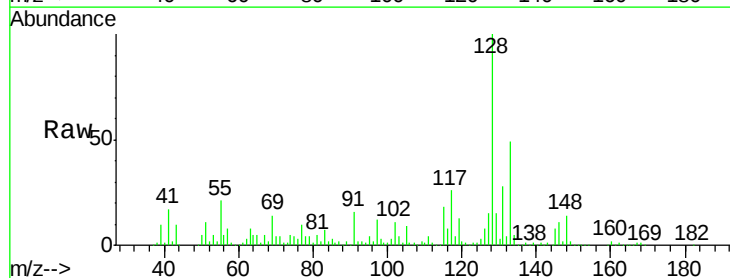


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

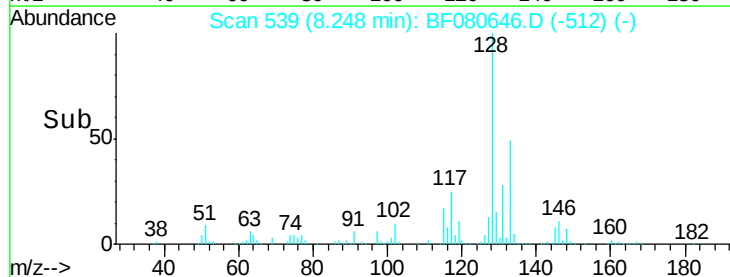
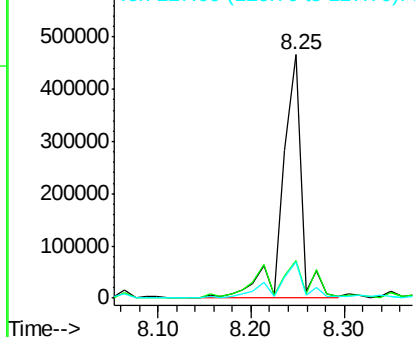


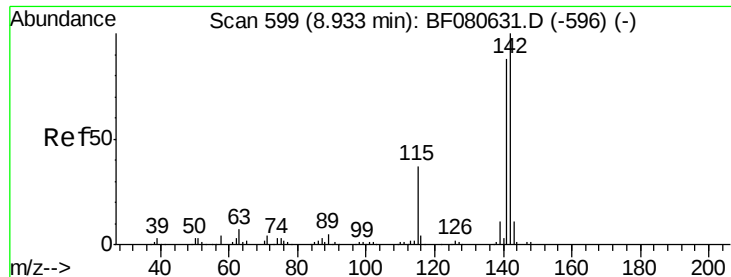
#31
 Naphthalene
 Concen: 76.36 ng
 RT: 8.25 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Tgt Ion: 128 Resp: 646771
 Ion Ratio Lower Upper
 128 100
 129 15.3 9.0 13.6#
 127 15.0 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

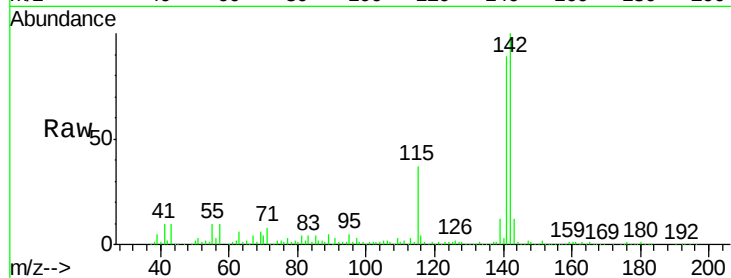




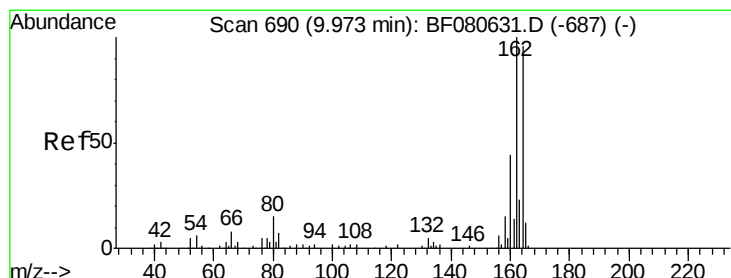
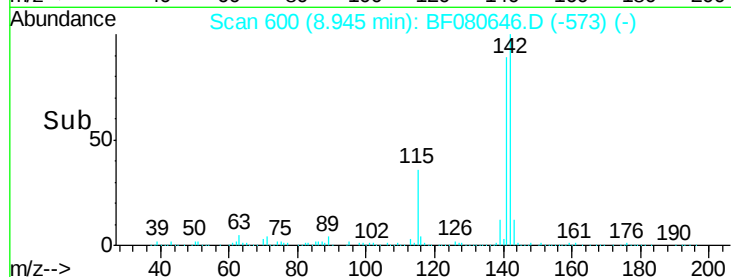
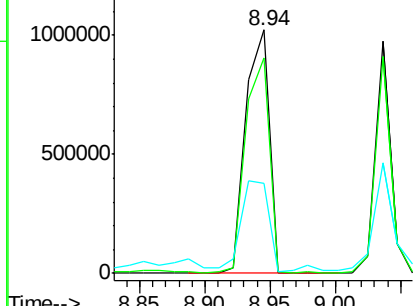
#37
2-Methylnaphthalene
Concen: 212.12 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Instrument :
BNA_F
ClientSampleId :
SA(2)

Tgt Ion:142 Resp: 1280297
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 36.8 29.3 43.9

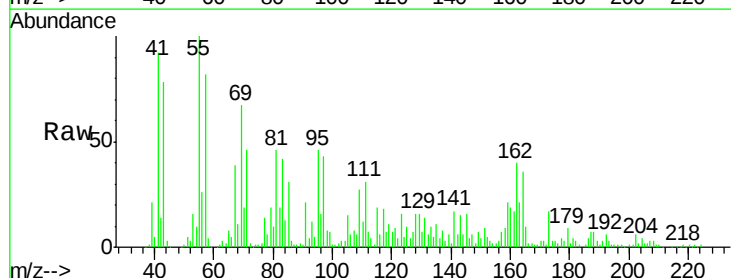


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

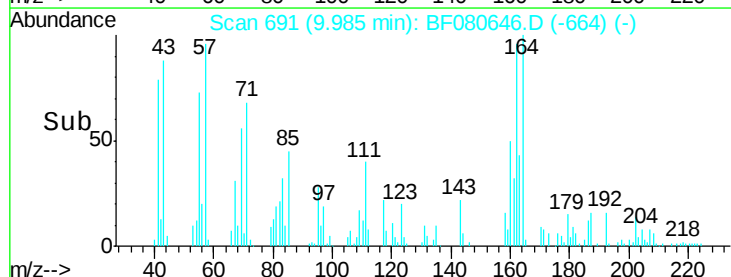
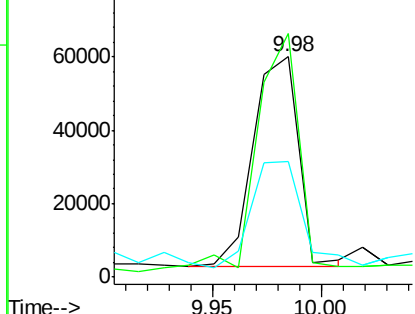


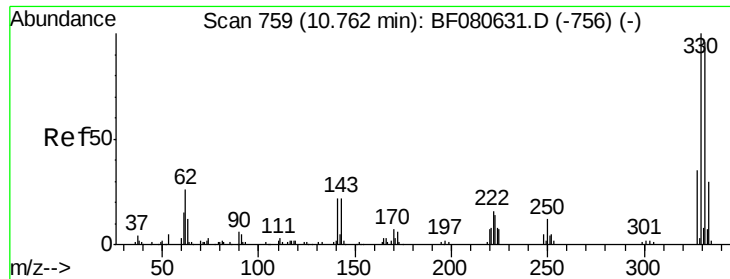
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:164 Resp: 83425
Ion Ratio Lower Upper
164 100
162 110.5 83.3 124.9
160 52.7 36.9 55.3



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

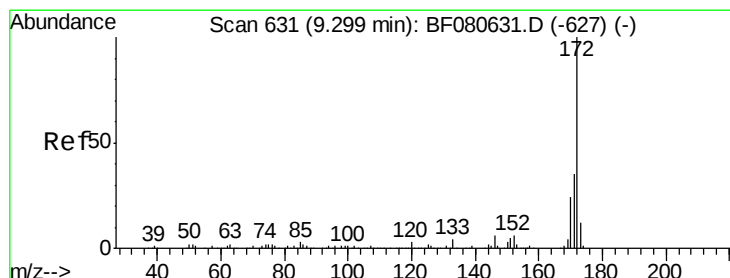
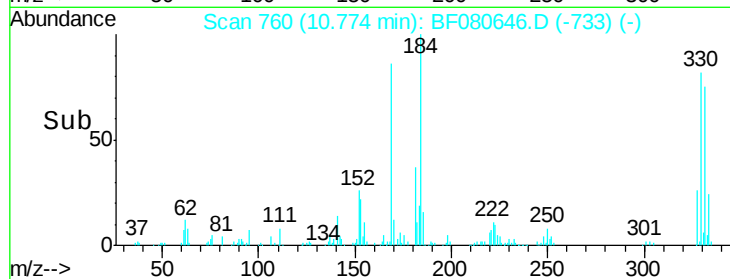
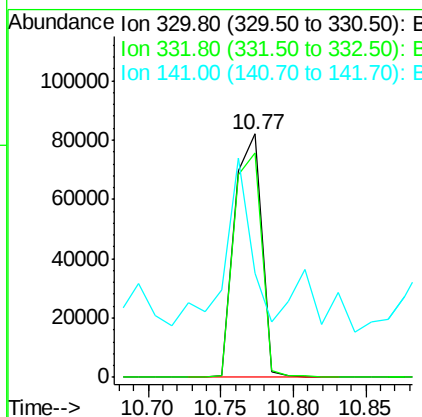
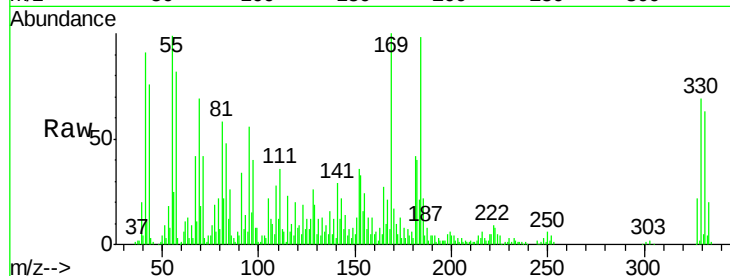




#41
 2,4,6-Tribromophenol
 Concen: 142.25 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

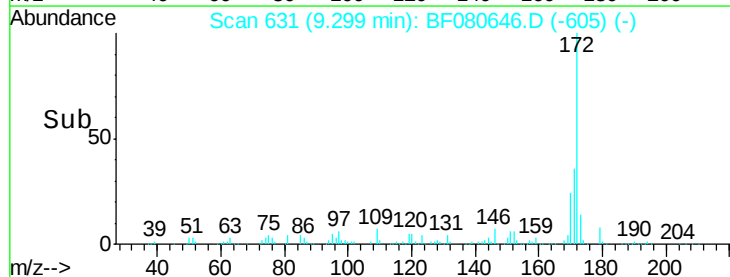
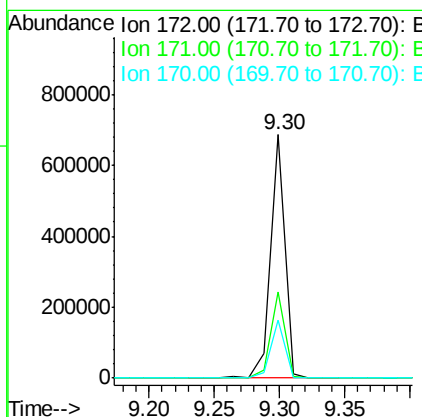
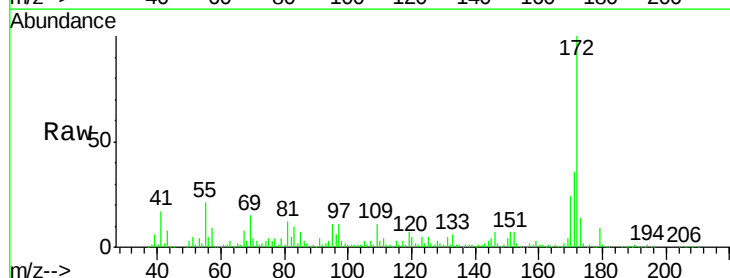
Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

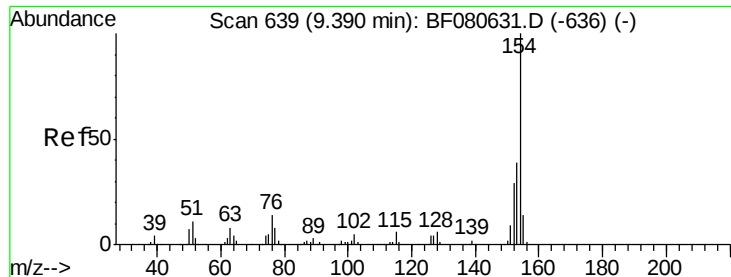
Tgt Ion: 330 Resp: 106621
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.7 115.1
 141 64.8 32.7 49.1#



#44
 2-Fluorobiphenyl
 Concen: 98.98 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Tgt Ion: 172 Resp: 535192
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.7 41.5
 170 23.7 19.0 28.4





#45

1,1'-Biphenyl

Concen: 23.05 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

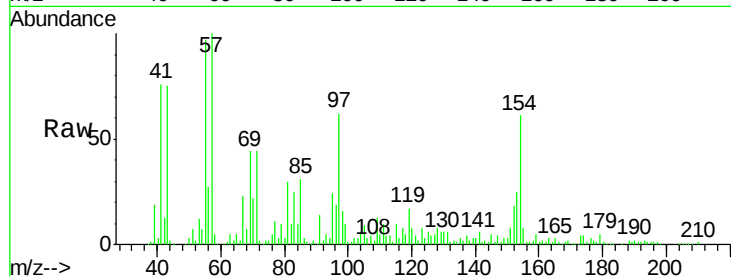
Tgt Ion:154 Resp: 134360

Ion Ratio Lower Upper

154 100

153 41.6 19.4 59.4

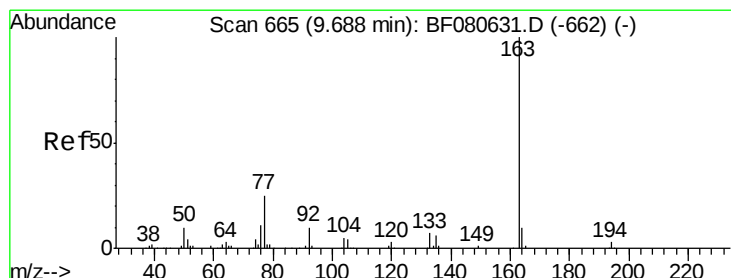
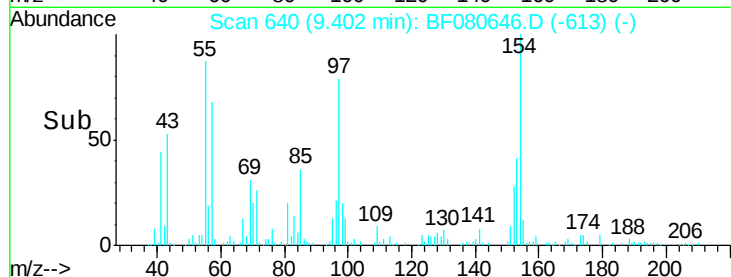
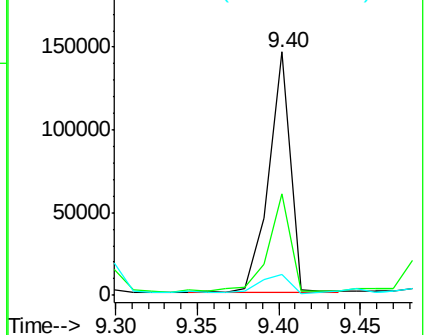
76 8.5 0.0 34.1



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



#49

Dimethylphthalate

Concen: 15.35 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

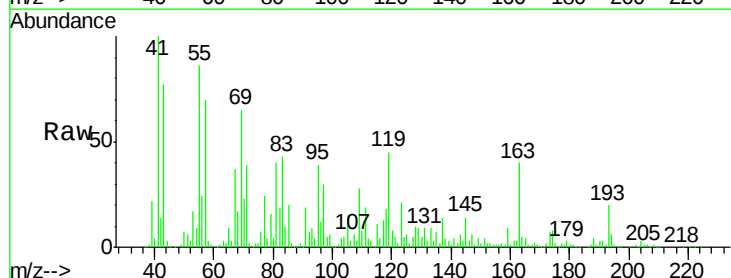
Tgt Ion:163 Resp: 91601

Ion Ratio Lower Upper

163 100

194 14.4 2.5 3.7#

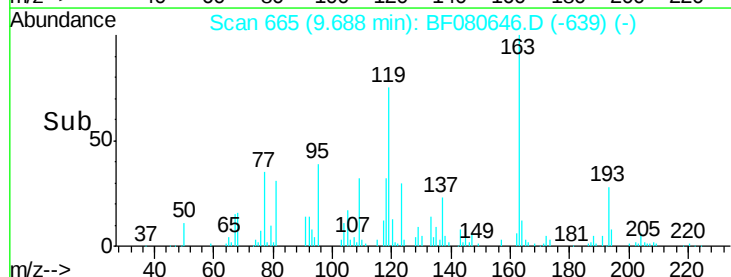
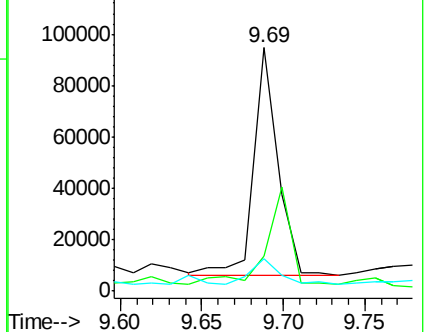
164 13.1 8.0 12.0#

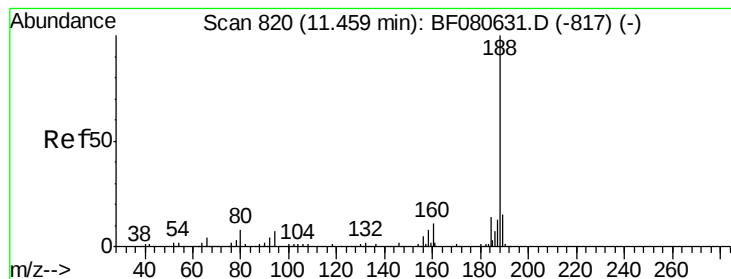


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

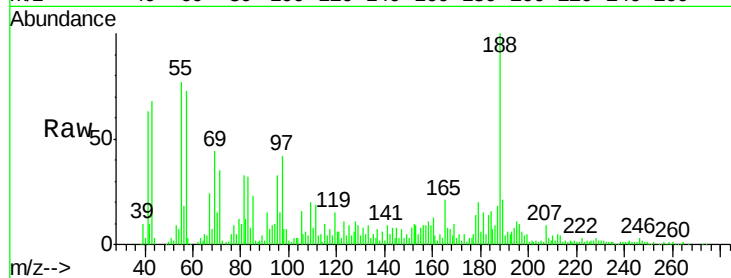
Tgt Ion:188 Resp: 156422

Ion Ratio Lower Upper

188 100

94 10.0 5.6 8.4#

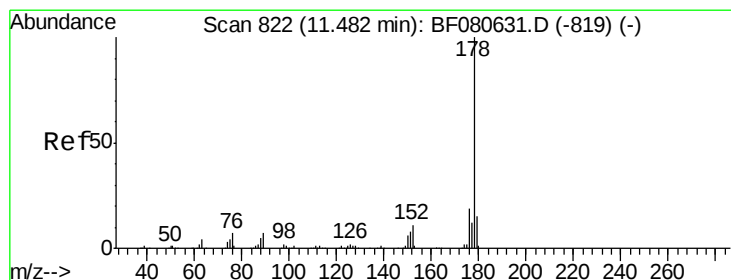
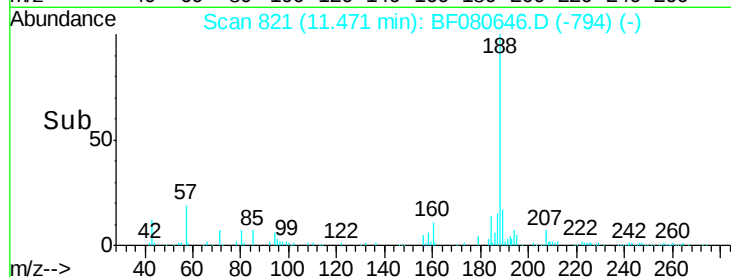
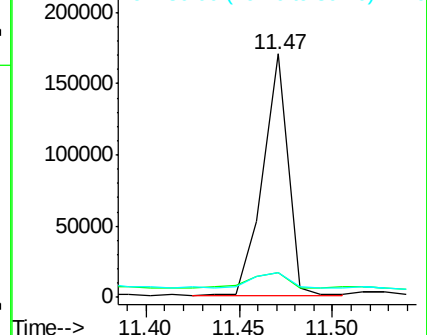
80 10.4 6.1 9.1#



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: 69.15 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

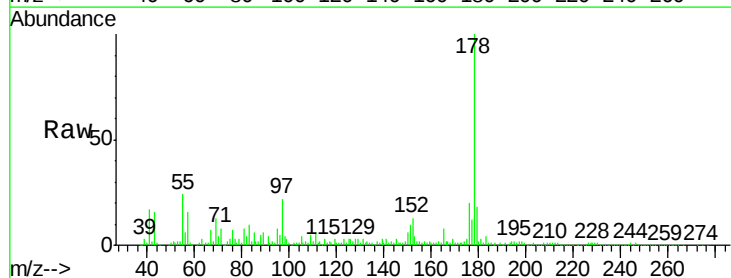
Tgt Ion:178 Resp: 597065

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

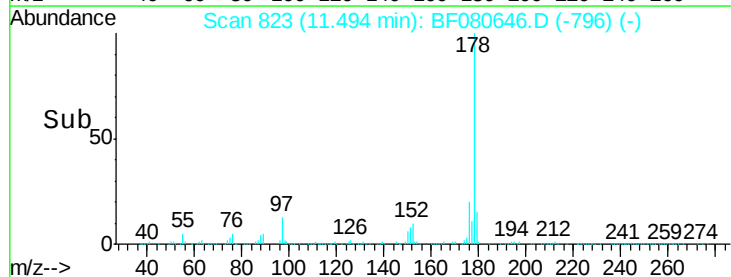
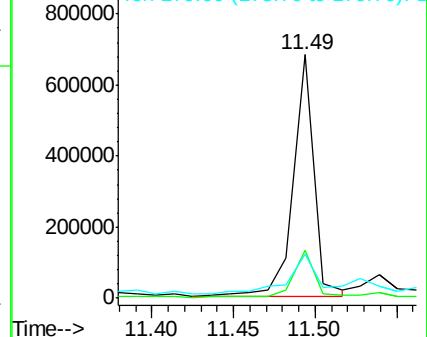
179 18.1 11.8 17.8#

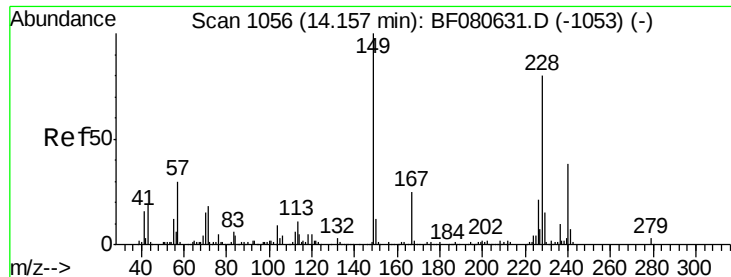


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

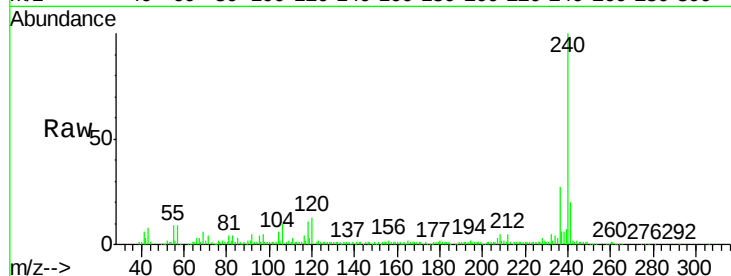




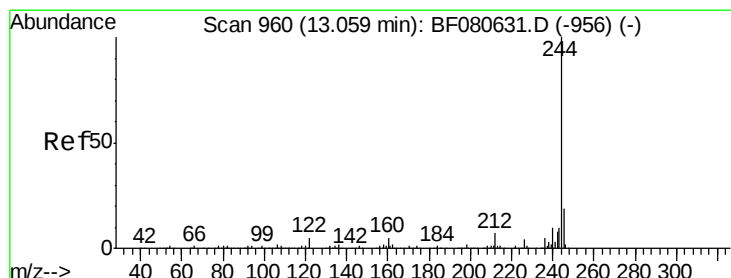
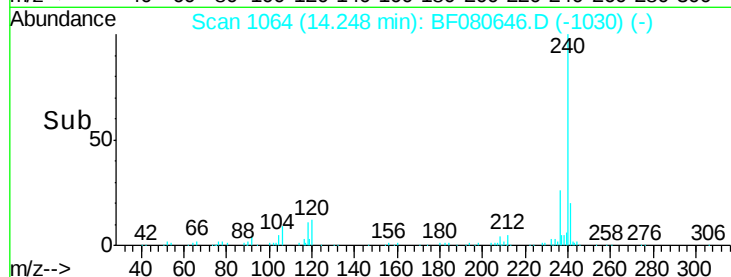
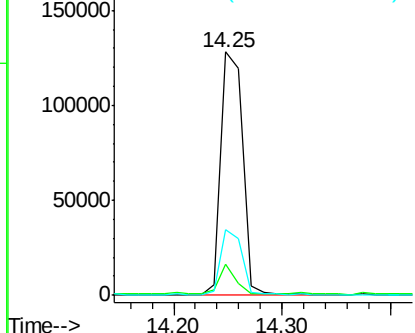
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Instrument :
BNA_F
ClientSampleId :
SA(2)

Tgt Ion:240 Resp: 180298
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 27.0 20.3 30.5

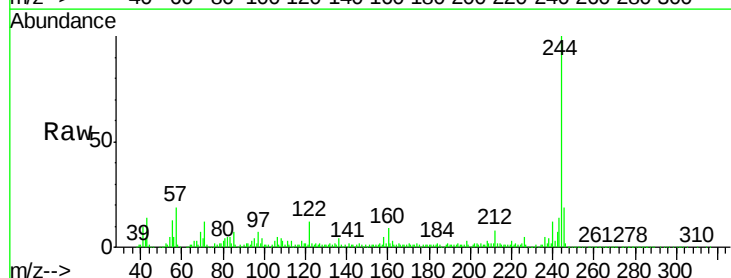


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

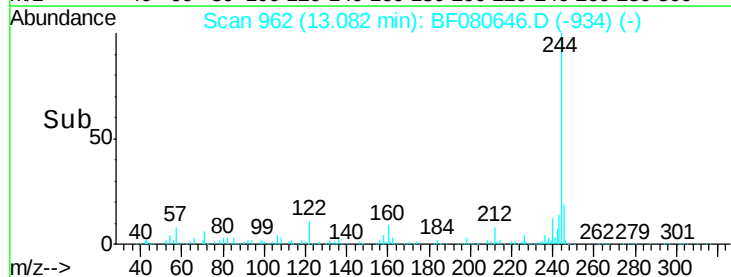
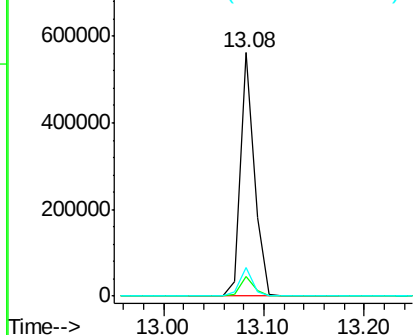


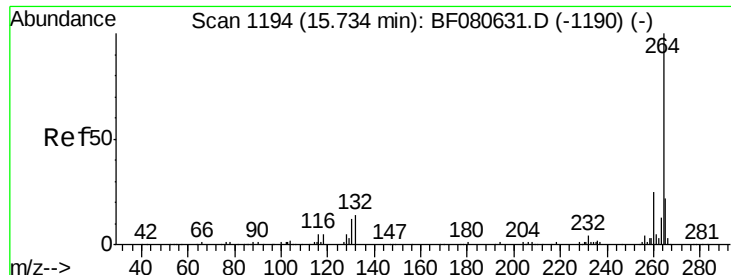
#78
Terphenyl-d14
Concen: 63.96 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:244 Resp: 535524
Ion Ratio Lower Upper
244 100
212 8.1 5.2 7.8#
122 11.9 4.1 6.1#



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

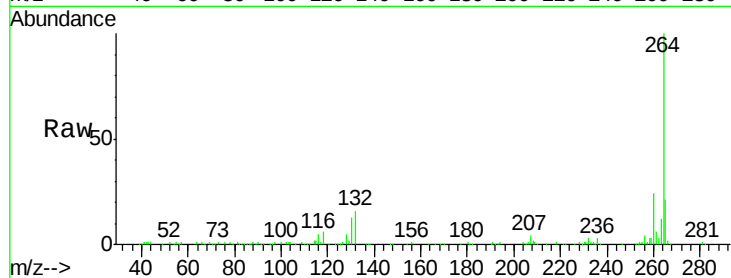




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1210
Delta R.T. 0.18 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Instrument :
BNA_F
ClientSampleId :
SA(2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	21.3	17.4	26.0



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

