

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081180.D
 Acq On : 24 Aug 2015 21:03
 Operator : UM/IZ
 Sample : G3386-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-02

Quant Time: Aug 24 23:42:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

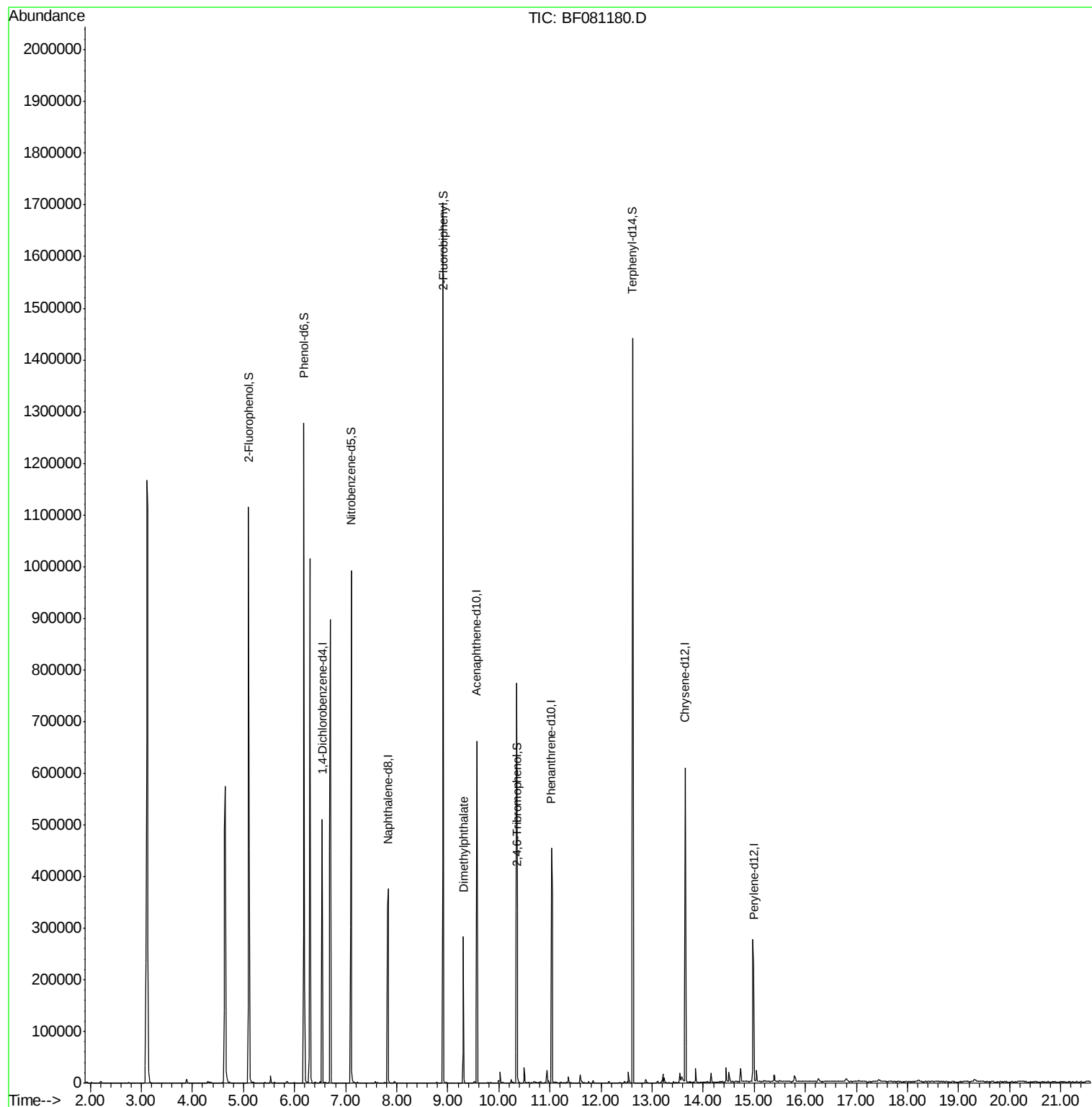
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65250	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	242279	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	121854	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	231741	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	192178	20.00	ng	-0.01
86) Perylene-d12	14.99	264	137084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	315001	72.61	ng	0.00
7) Phenol-d6	6.18	99	411822	72.76	ng	-0.01
23) Nitrobenzene-d5	7.11	82	307231	57.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	80364	76.08	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	486111	52.27	ng	0.00
78) Terphenyl-d14	12.62	244	419761	46.83	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.30	163	108354	10.80	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

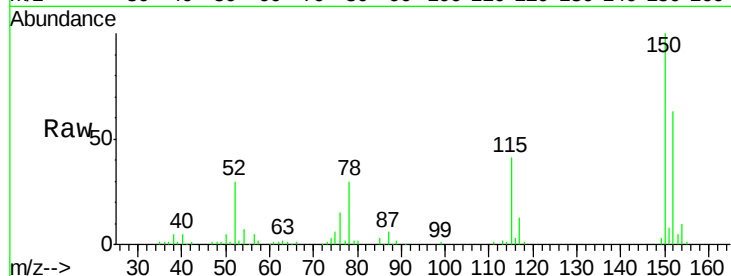
Tgt Ion:152 Resp: 65250

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

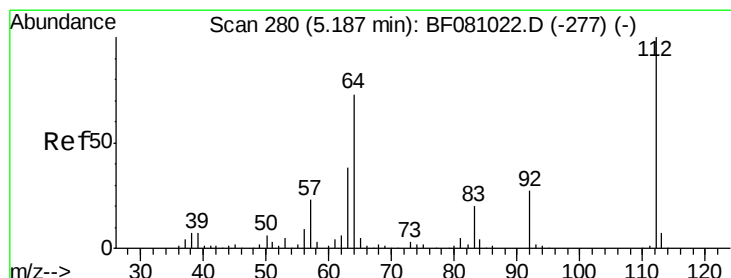
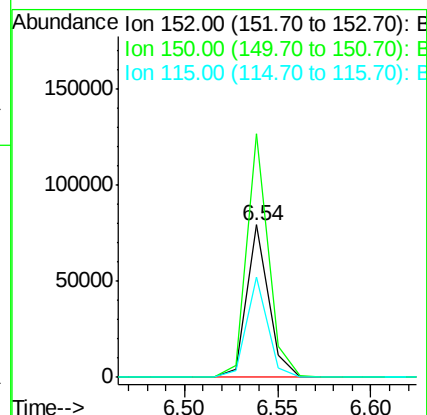
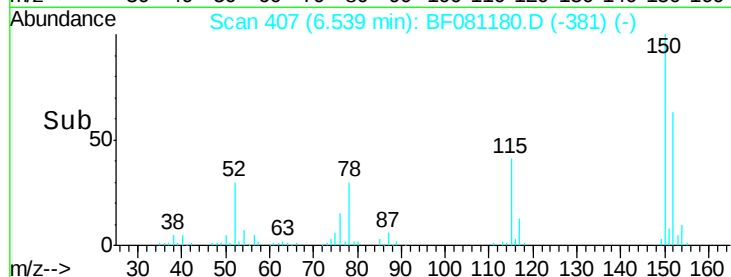
115 65.7 52.1 78.1



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: 72.61 ng

RT: 5.10 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

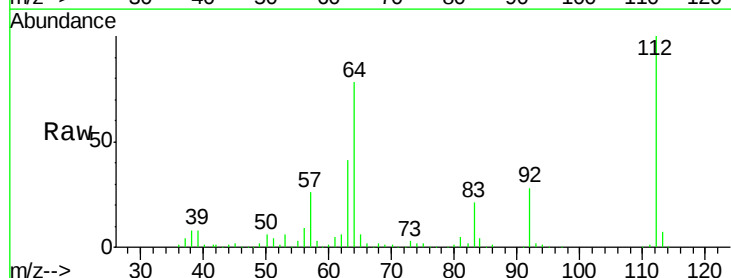
Tgt Ion:112 Resp: 315001

Ion Ratio Lower Upper

112 100

64 78.3 66.9 100.3

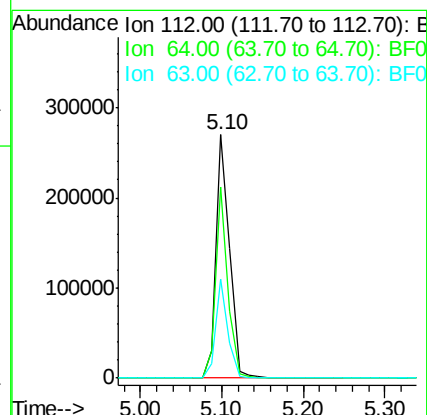
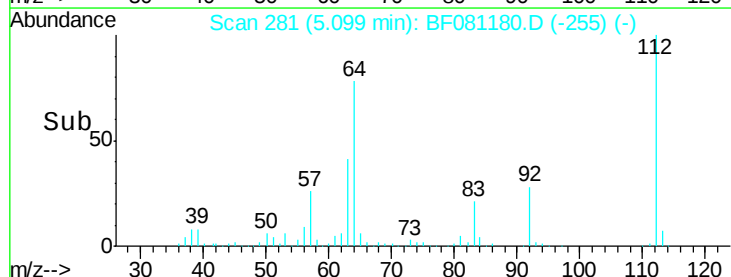
63 40.8 38.1 57.1



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: 72.76 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

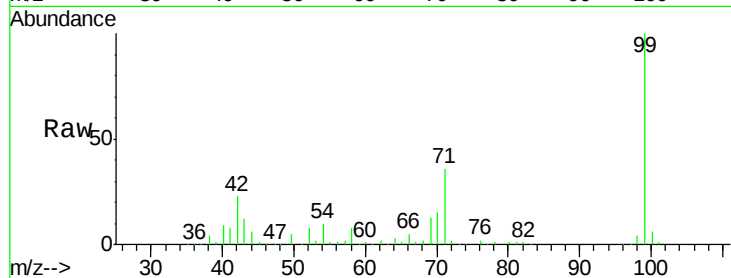
Tgt Ion: 99 Resp: 411822

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

71 35.7 31.2 46.8



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

6.18

400000

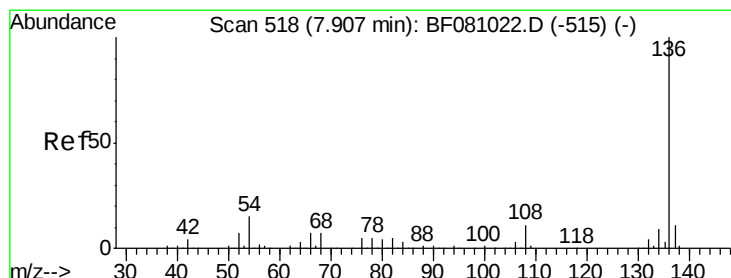
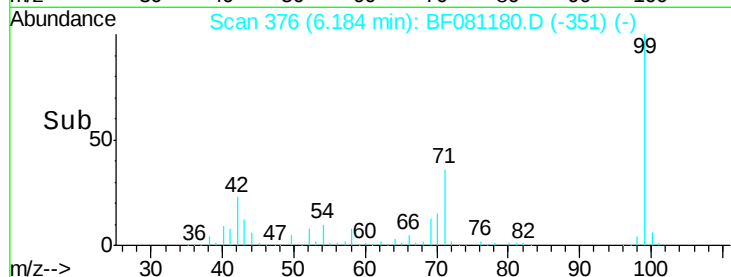
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Tgt Ion: 136 Resp: 242279

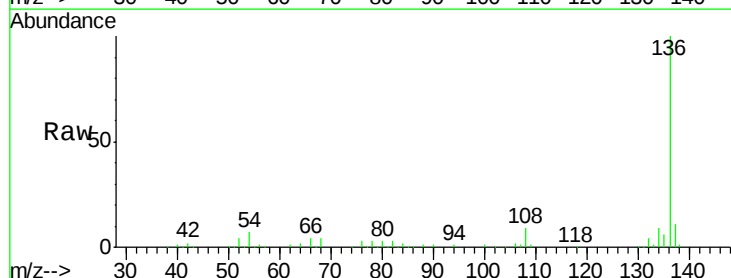
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.5 7.7 11.5#

68 4.4 3.4 5.2



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

7.83

300000

250000

200000

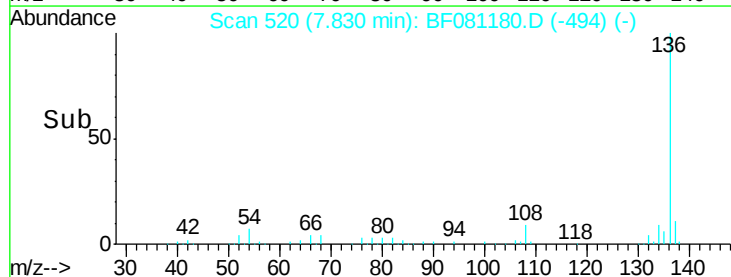
150000

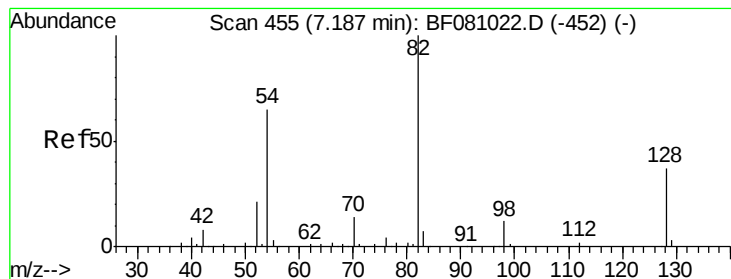
100000

50000

0

Time-->





#23

Nitrobenzene-d5

Concen: 57.93 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

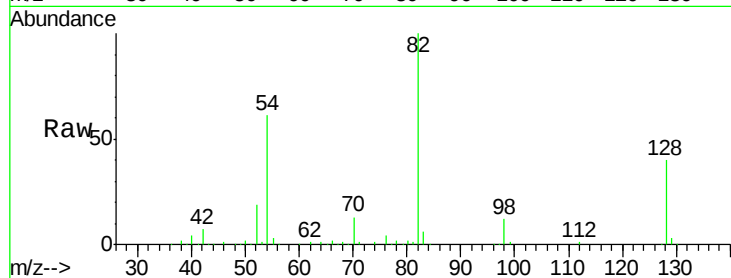
Tgt Ion: 82 Resp: 307231

Ion Ratio Lower Upper

82 100

128 39.8 28.6 42.8

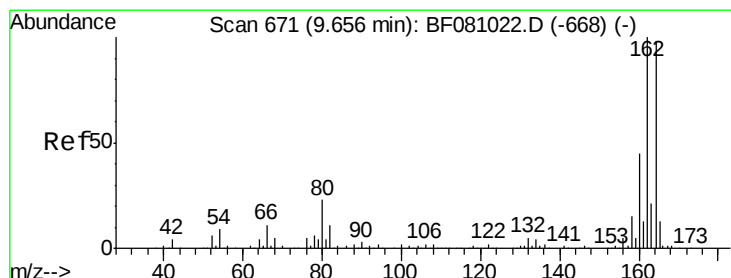
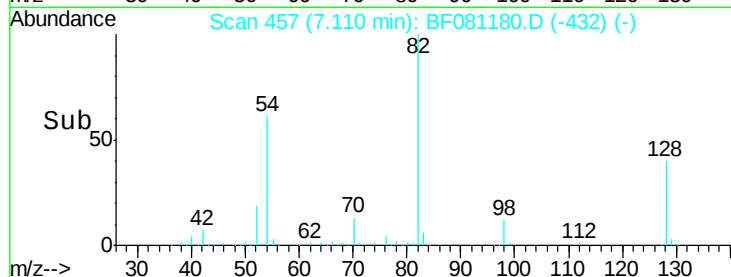
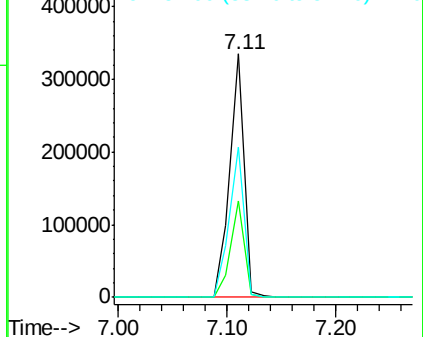
54 61.4 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

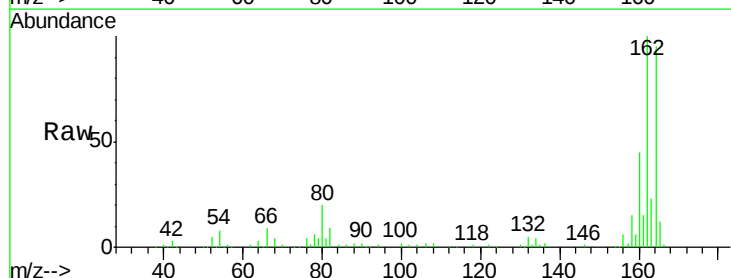
Tgt Ion: 164 Resp: 121854

Ion Ratio Lower Upper

164 100

162 104.8 83.8 125.8

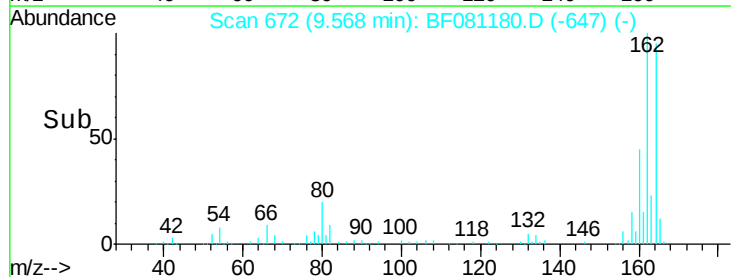
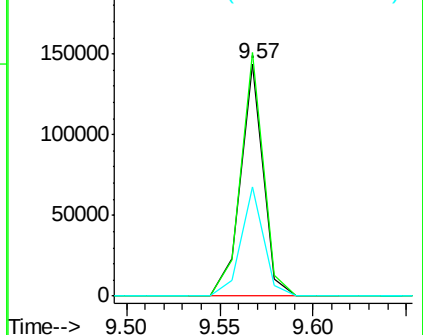
160 46.9 39.8 59.8

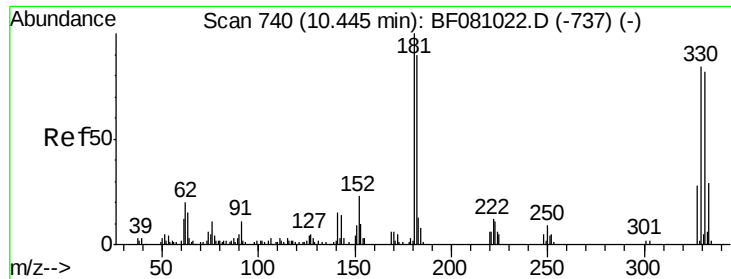


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 76.08 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

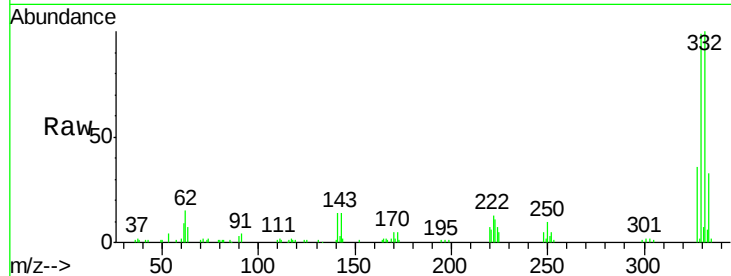
Tgt Ion:330 Resp: 80364

Ion Ratio Lower Upper

330 100

332 99.4 77.3 115.9

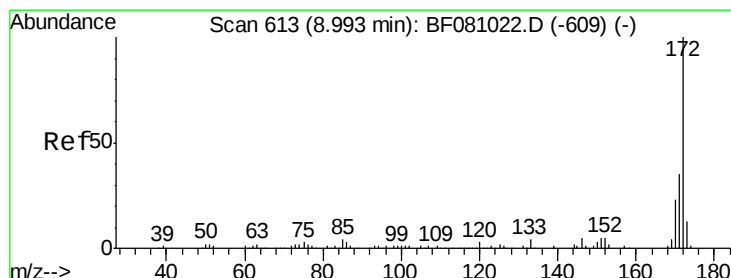
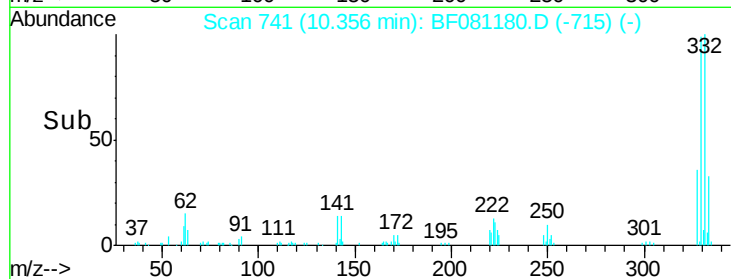
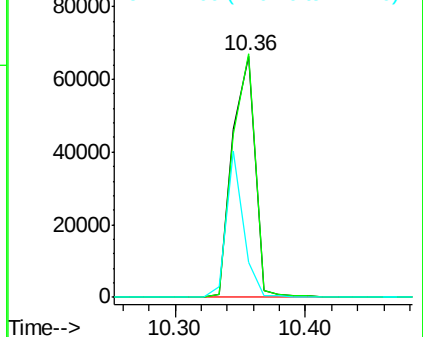
141 45.9 44.9 67.3



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: 52.27 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

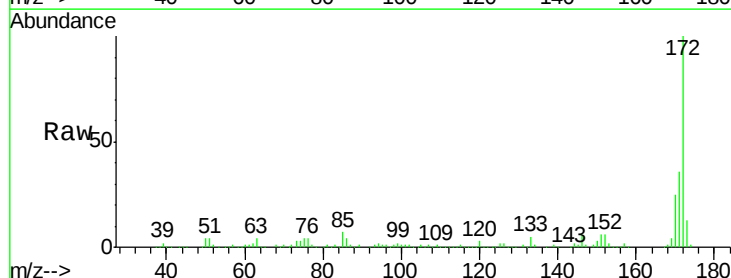
Tgt Ion:172 Resp: 486111

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

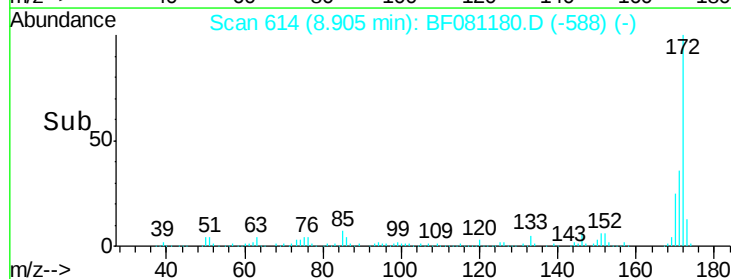
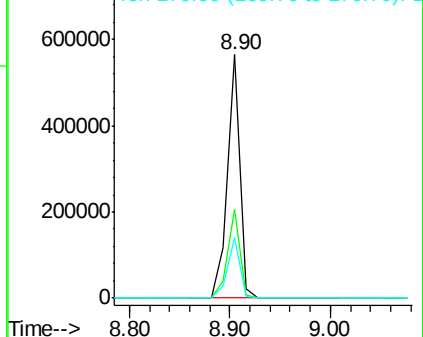
170 24.6 19.4 29.2

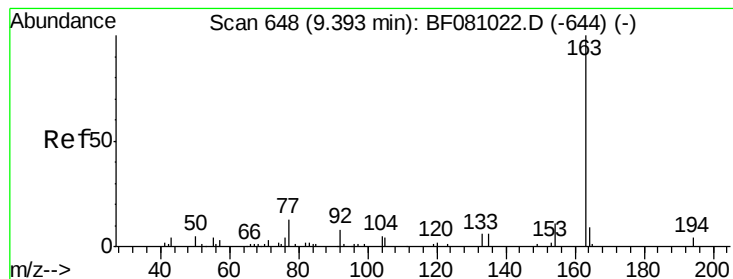


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.80 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

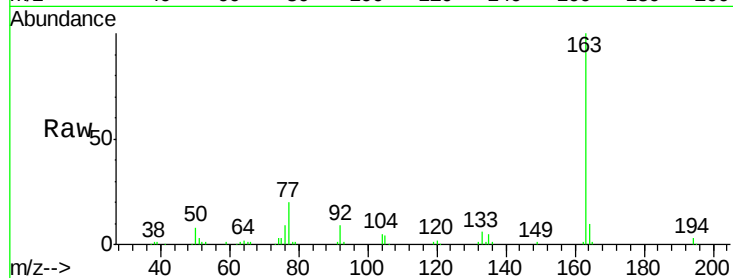
Tgt Ion:163 Resp: 108354

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

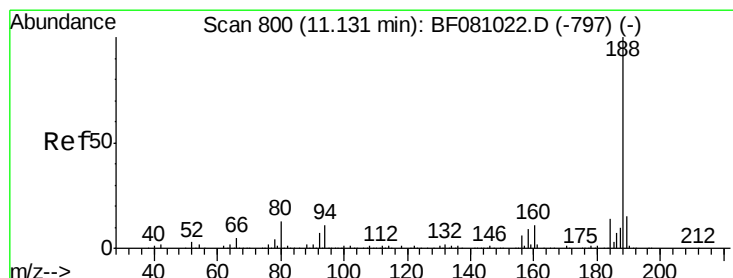
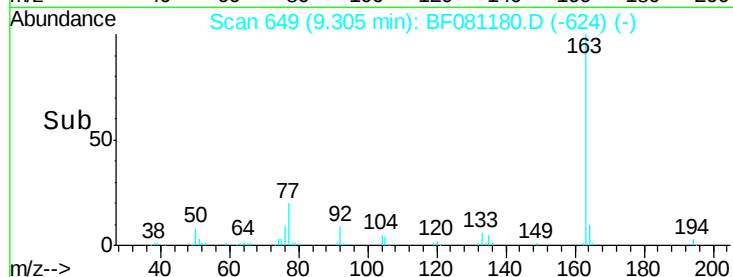
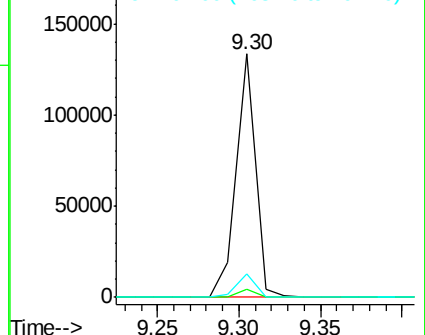
164 9.8 8.1 12.1



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: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

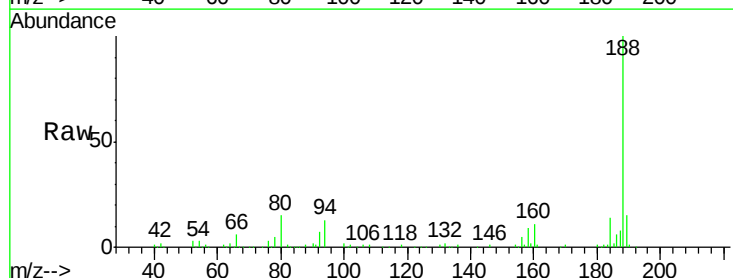
Tgt Ion:188 Resp: 231741

Ion Ratio Lower Upper

188 100

94 12.6 8.2 12.2#

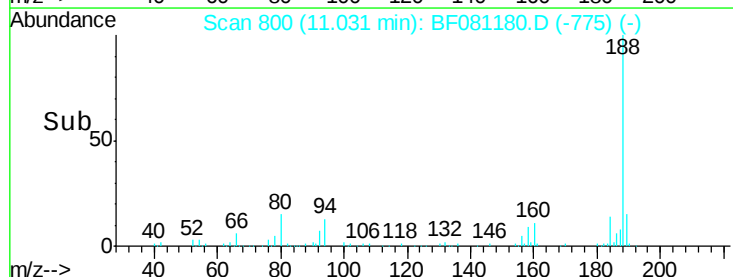
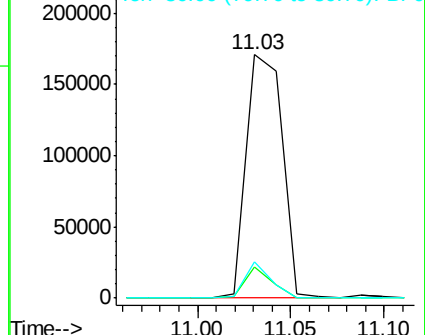
80 15.0 9.5 14.3#

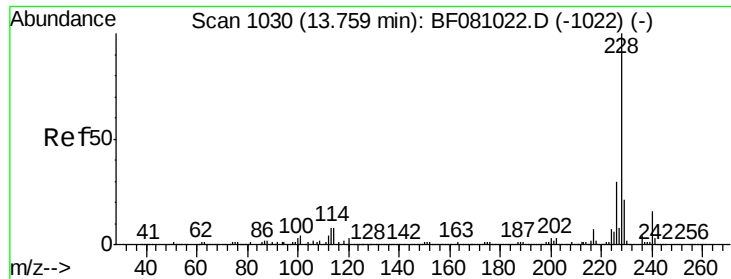


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

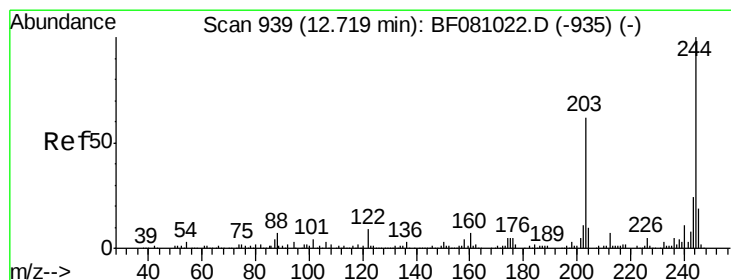
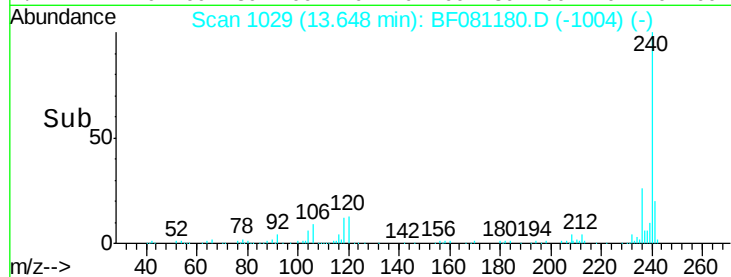
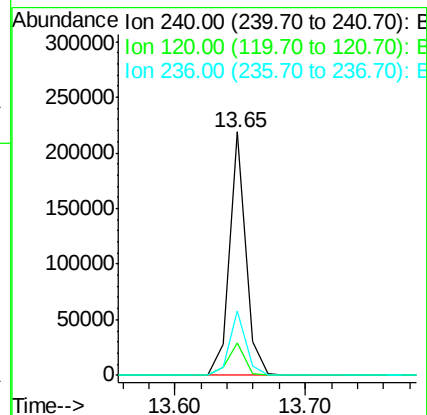
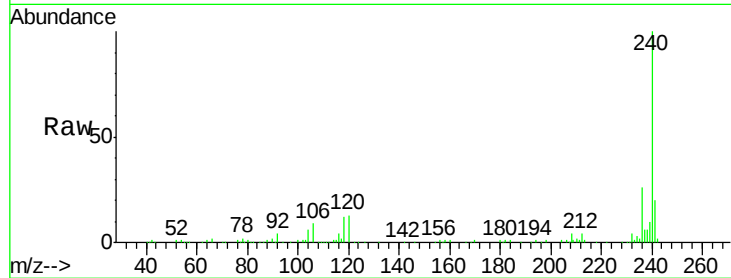
Tgt Ion:240 Resp: 192178

Ion Ratio Lower Upper

240 100

120 13.1 5.6 8.4#

236 26.4 20.6 30.8



#78

Terphenyl-d14

Concen: 46.83 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

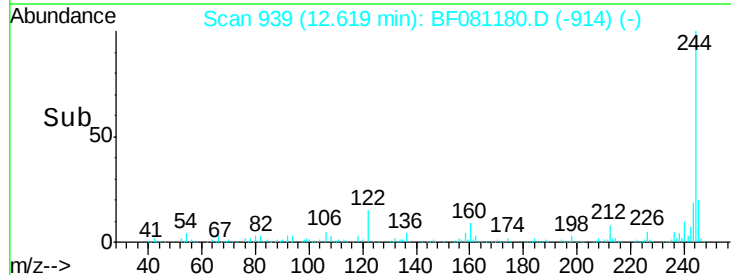
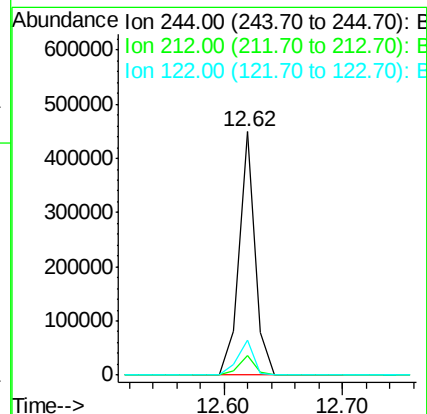
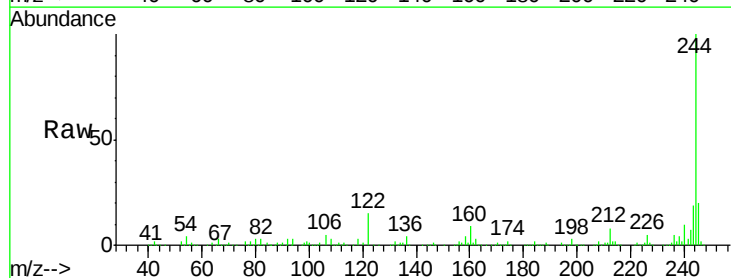
Tgt Ion:244 Resp: 419761

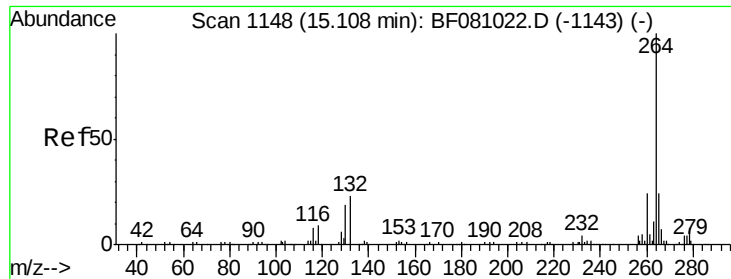
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 14.6 8.2 12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF081180.D
Acq: 24 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :
P001-BF001-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.1	17.5	26.3

