

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081959.D
 Acq On : 2 Oct 2015 1:14
 Operator : UM/IZ
 Sample : G3827-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38

Quant Time: Oct 02 04:31:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

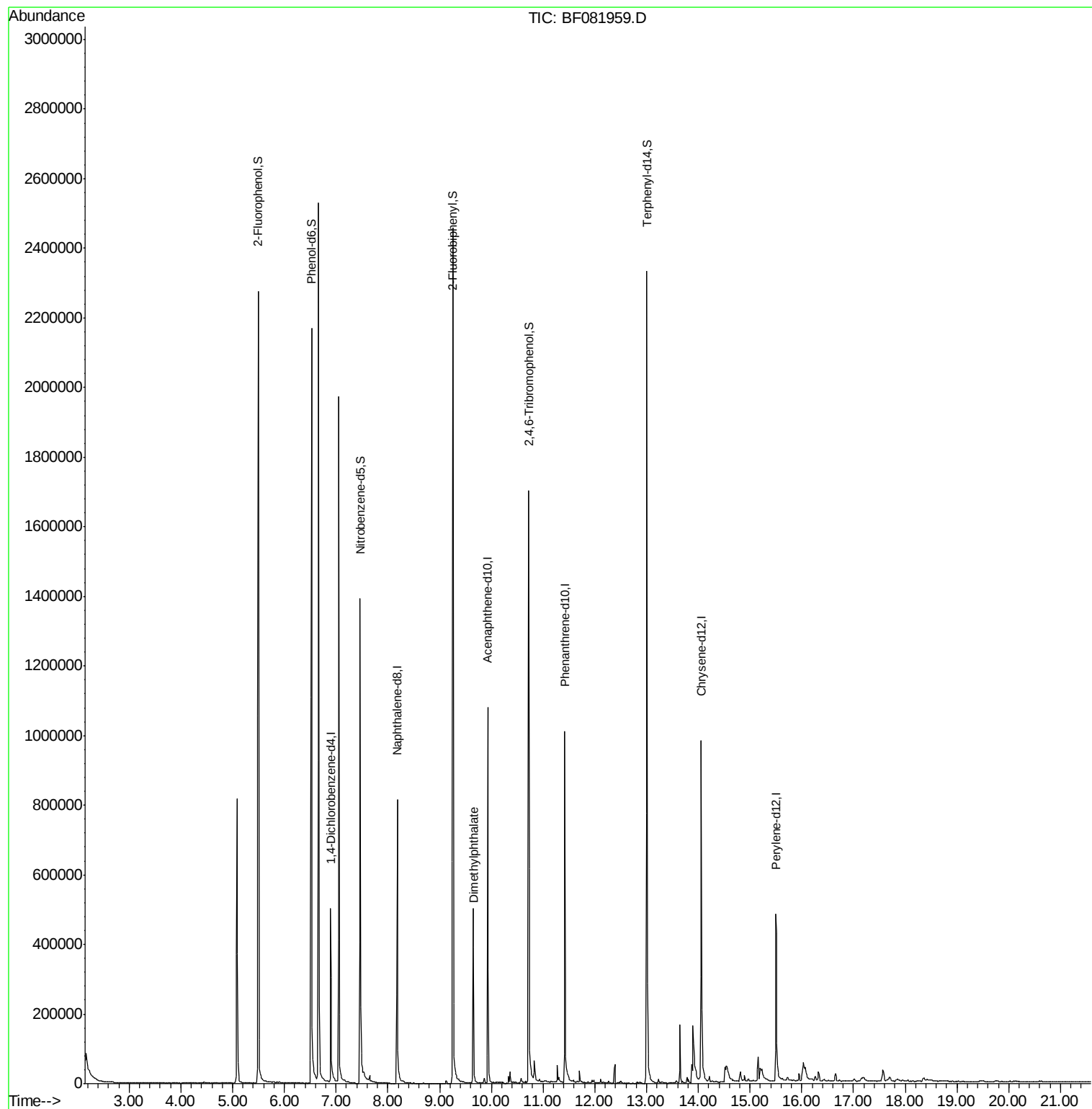
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	116224	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	477411	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	236982	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	468081	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	445879	20.00	ng	-0.06
86) Perylene-d12	15.50	264	335257	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729194	113.89	ng	-0.02
7) Phenol-d6	6.53	99	951907	118.16	ng	-0.03
23) Nitrobenzene-d5	7.46	82	583399	81.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	252469	105.19	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	892086	59.40	ng	-0.05
78) Terphenyl-d14	13.01	244	883240	58.72	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.66	163	332702	20.34	ng	Qvalue # 97

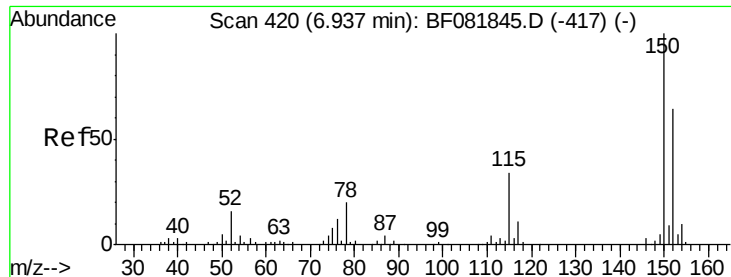
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38

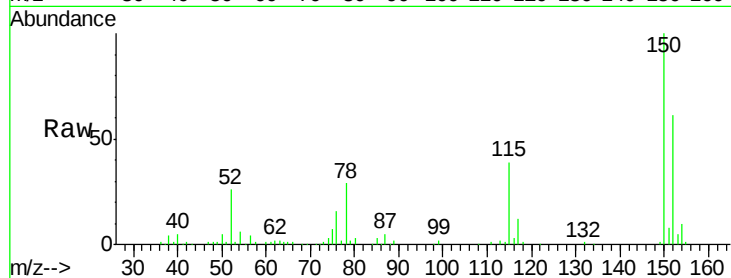
Tgt Ion:152 Resp: 116224

Ion Ratio Lower Upper

152 100

150 164.1 124.7 187.1

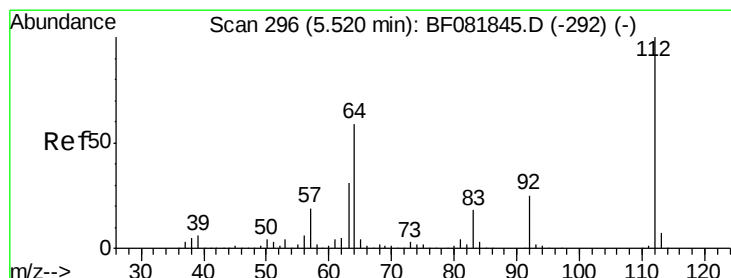
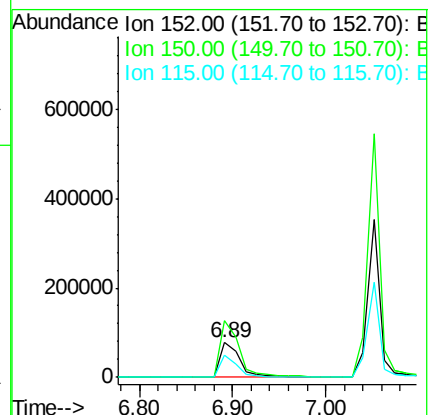
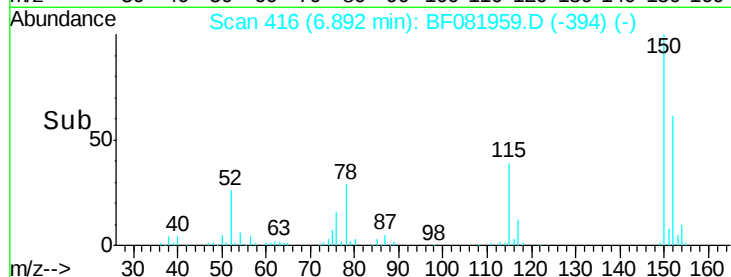
115 64.7 39.0 58.4#



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: 113.89 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

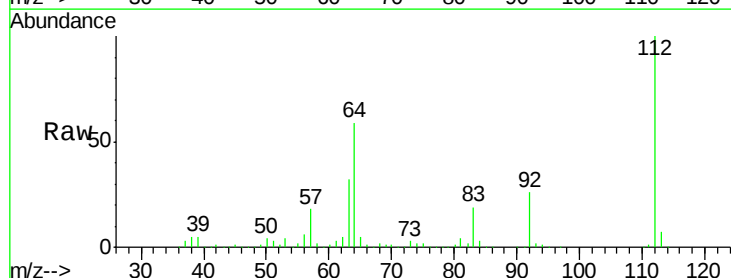
Tgt Ion:112 Resp: 729194

Ion Ratio Lower Upper

112 100

64 59.0 39.7 59.5

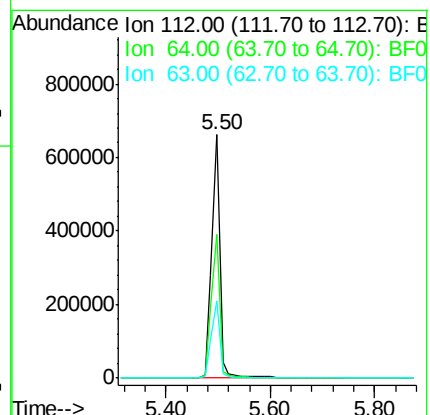
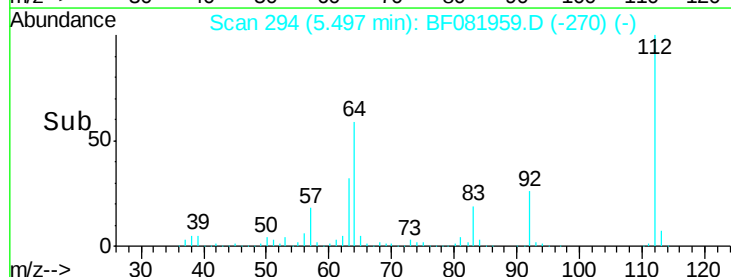
63 31.5 17.4 26.0#

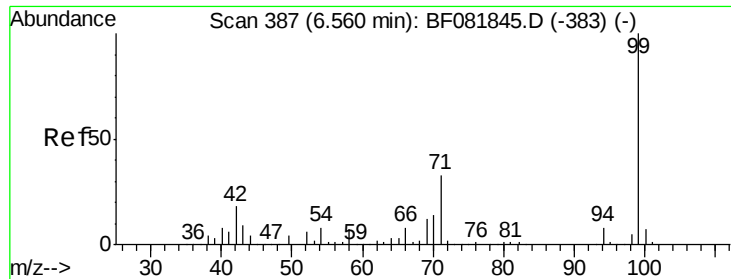


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.16 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38

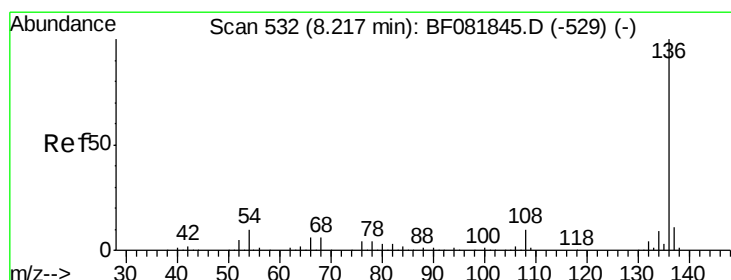
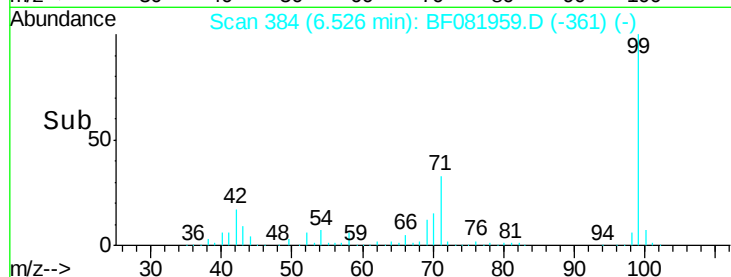
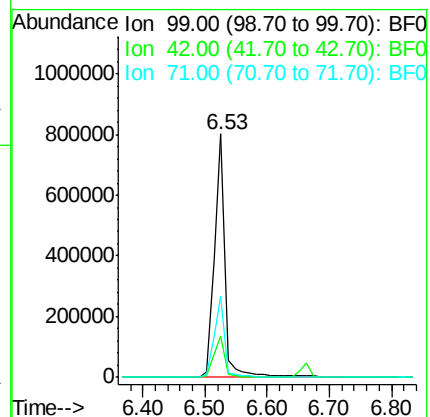
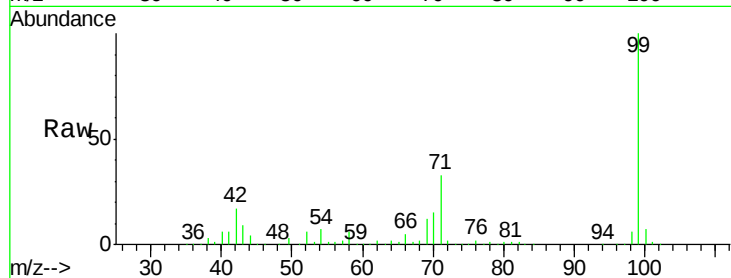
Tgt Ion: 99 Resp: 951907

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

71 33.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Tgt Ion: 136 Resp: 477411

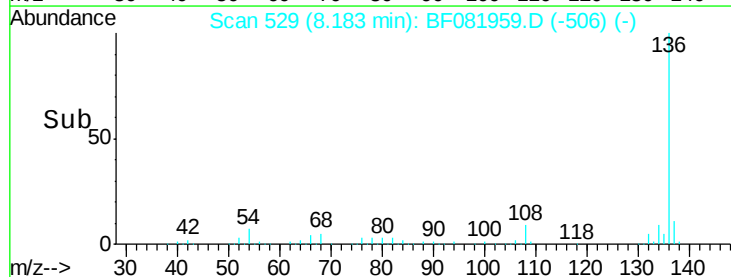
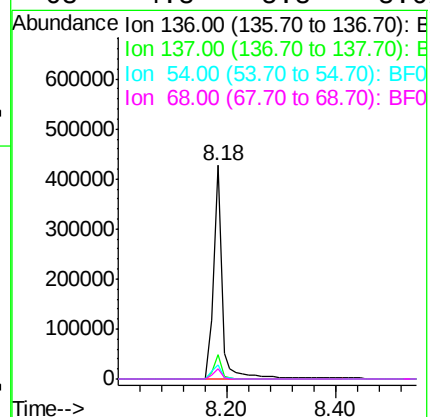
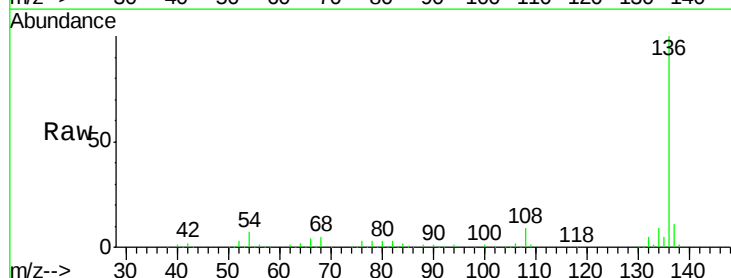
Ion Ratio Lower Upper

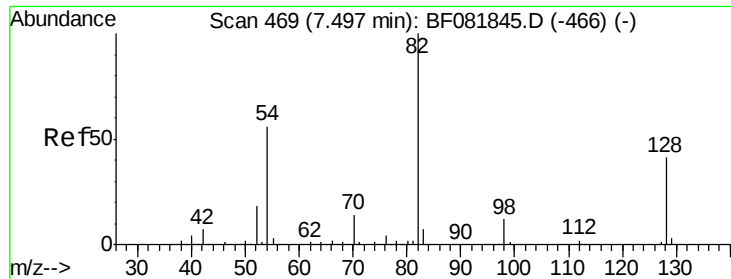
136 100

137 11.2 9.0 13.6

54 6.9 8.2 12.2#

68 4.8 5.8 8.6#

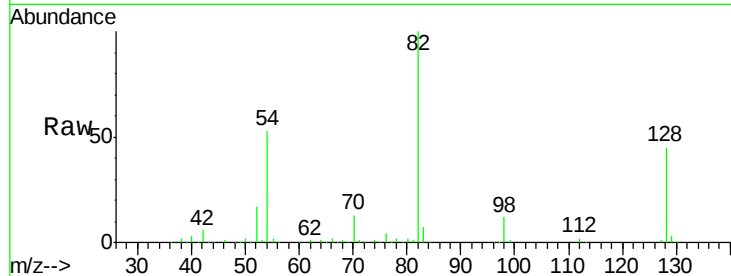




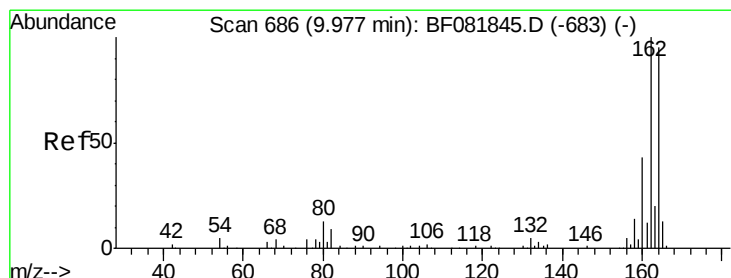
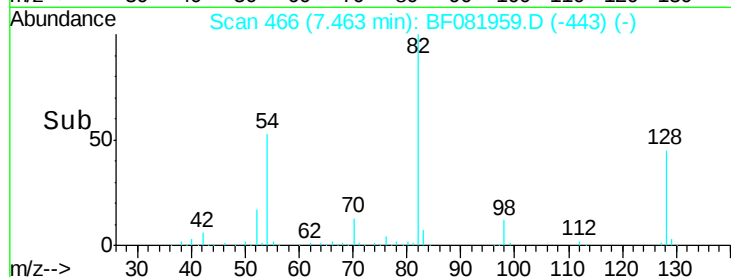
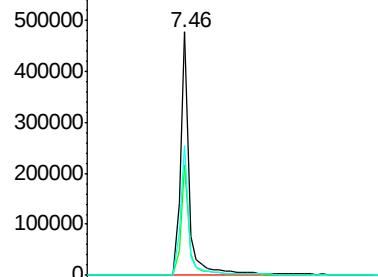
#23
 Nitrobenzene-d5
 Concen: 81.46 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38

Tgt Ion: 82 Resp: 583399
 Ion Ratio Lower Upper
 82 100
 128 45.2 51.0 76.6#
 54 53.4 47.5 71.3

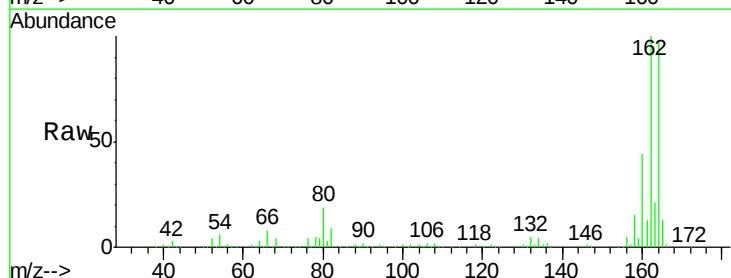


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

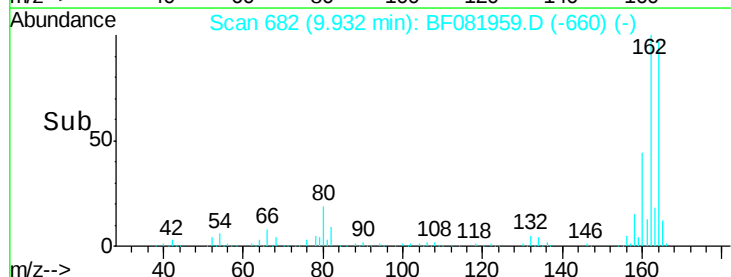
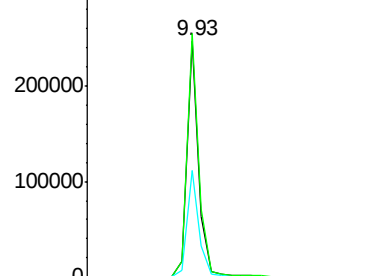


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

Tgt Ion: 164 Resp: 236982
 Ion Ratio Lower Upper
 164 100
 162 102.9 75.2 112.8
 160 45.0 31.5 47.3



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

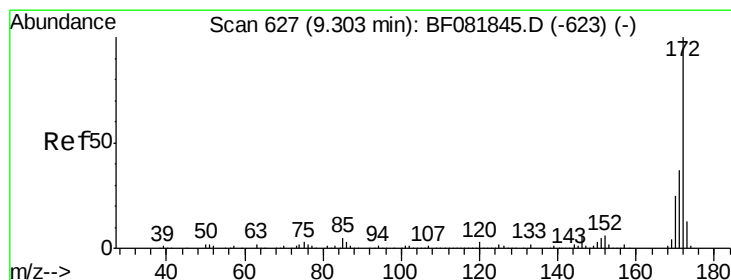
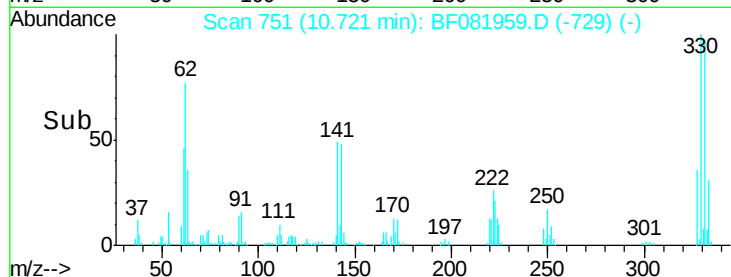
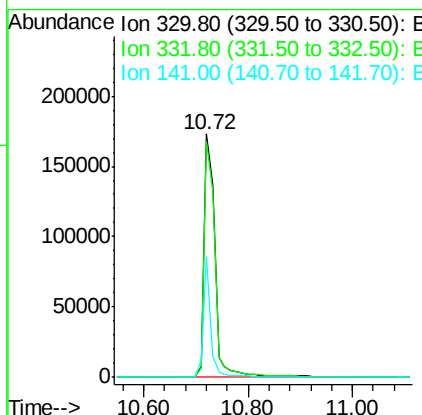
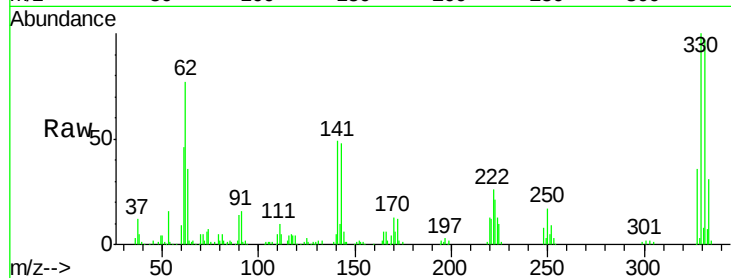




#41
 2,4,6-Tribromophenol
 Concen: 105.19 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

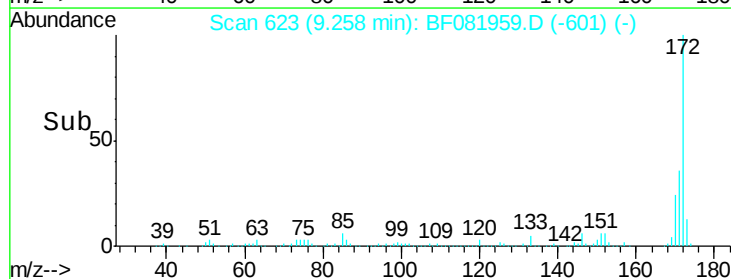
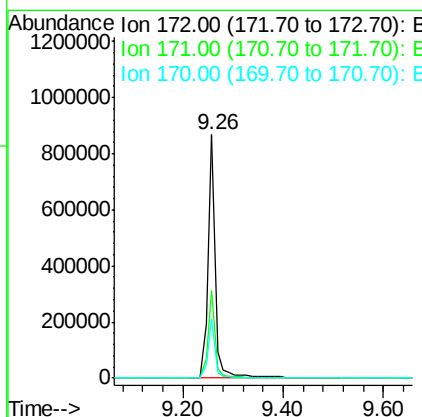
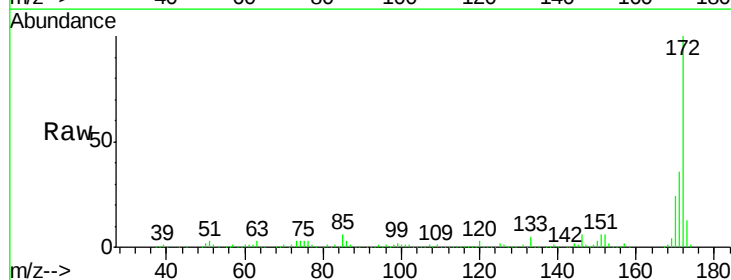
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38

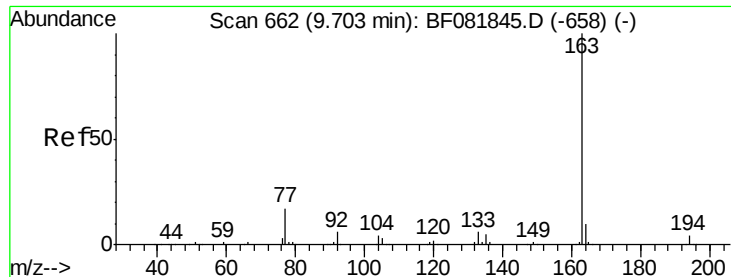
Tgt Ion:330 Resp: 252469
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 59.40 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

Tgt Ion:172 Resp: 892086
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.4 17.4 26.2

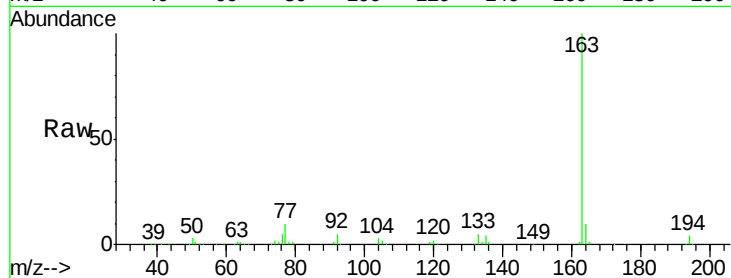




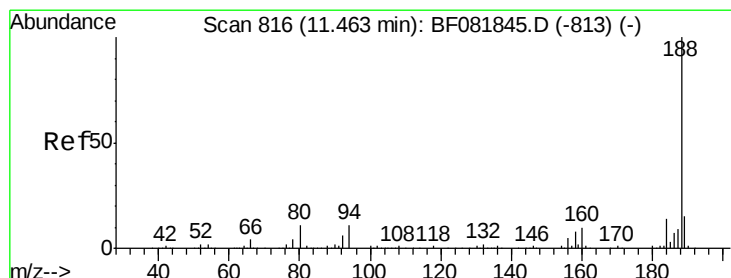
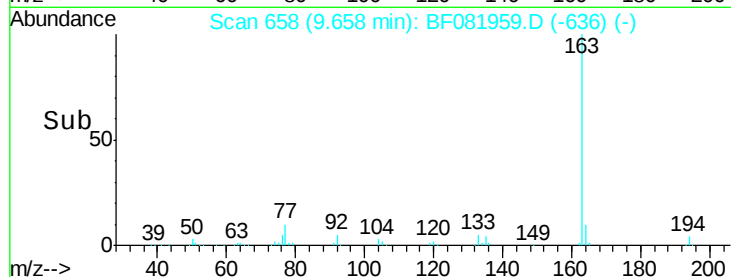
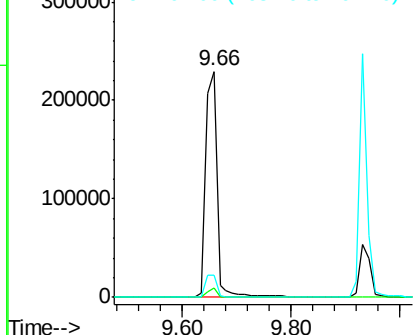
#49
Dimethylphthalate
Concen: 20.34 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38

Tgt Ion:163 Resp: 332702
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.6 8.3 12.5

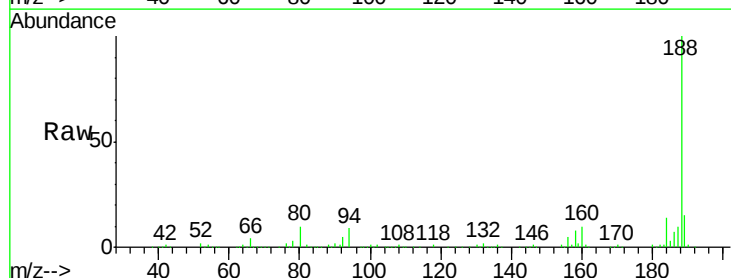


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

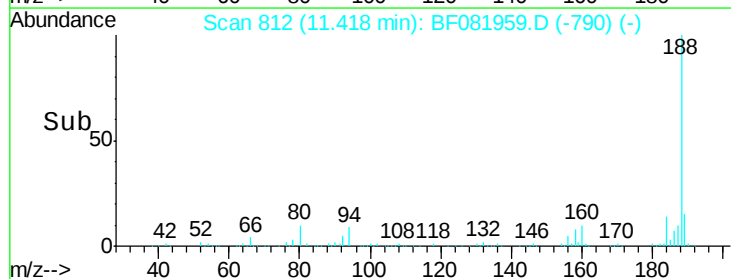
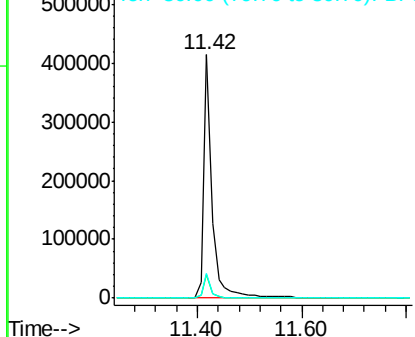


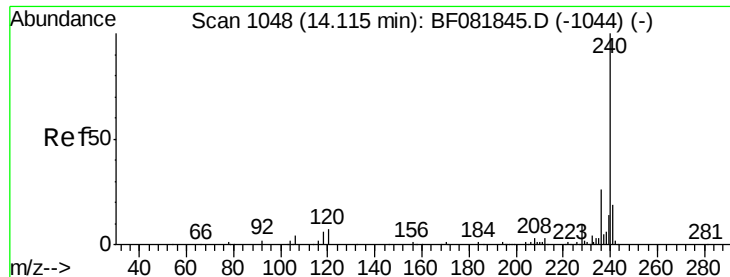
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Tgt Ion:188 Resp: 468081
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38

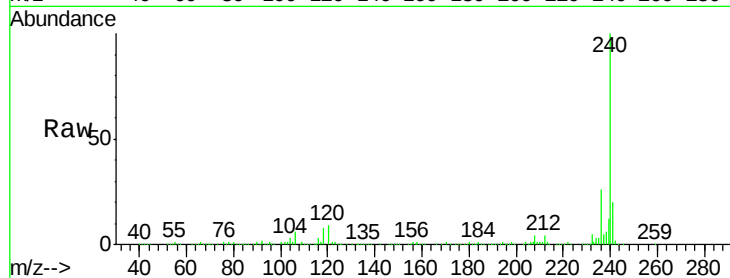
Tgt Ion:240 Resp: 445879

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

236 26.2 18.4 27.6



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

14.06

400000

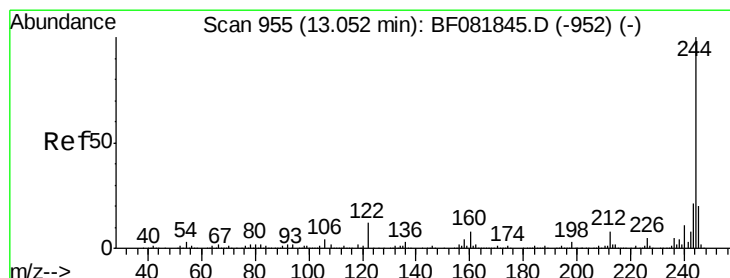
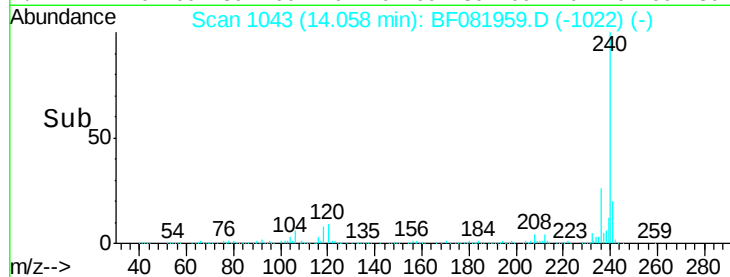
300000

200000

100000

0

Time--> 14.00 14.20



#78

Terphenyl-d14

Concen: 58.72 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

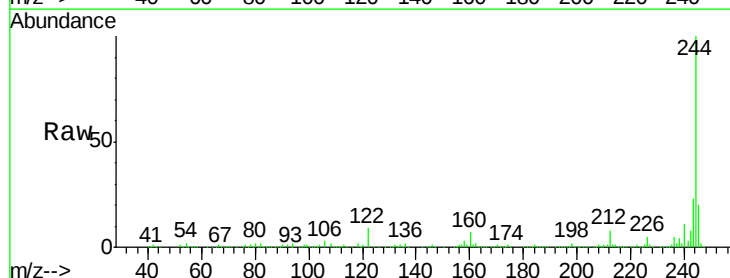
Tgt Ion:244 Resp: 883240

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

122 9.3 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

13.01

1000000

800000

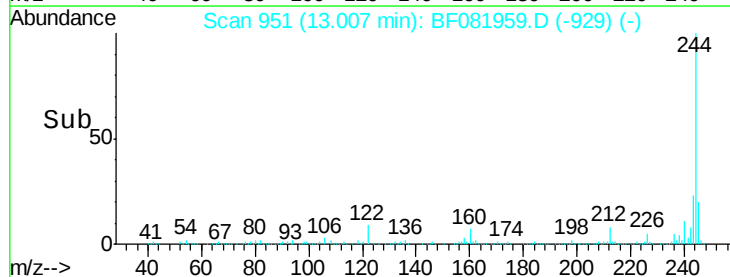
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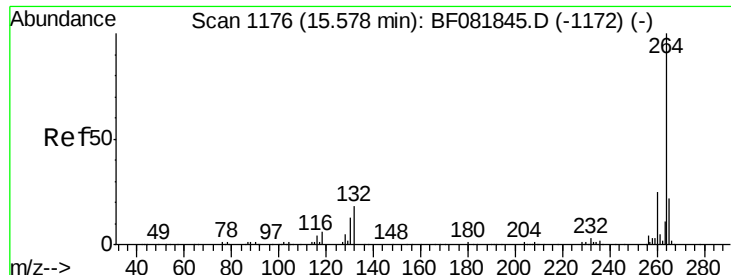
400000

200000

0

Time--> 13.00 13.20

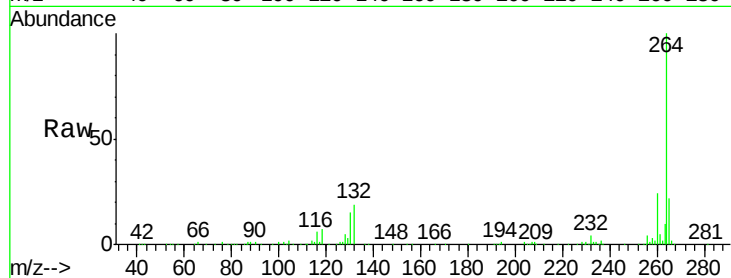




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38

Tgt Ion: 264 Resp: 335257
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 21.9 17.2 25.8



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

