

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081549.D
 Acq On : 9 Sep 2015 6:44
 Operator : UM/IZ
 Sample : G3585-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-51.5-54

Quant Time: Sep 09 07:36:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

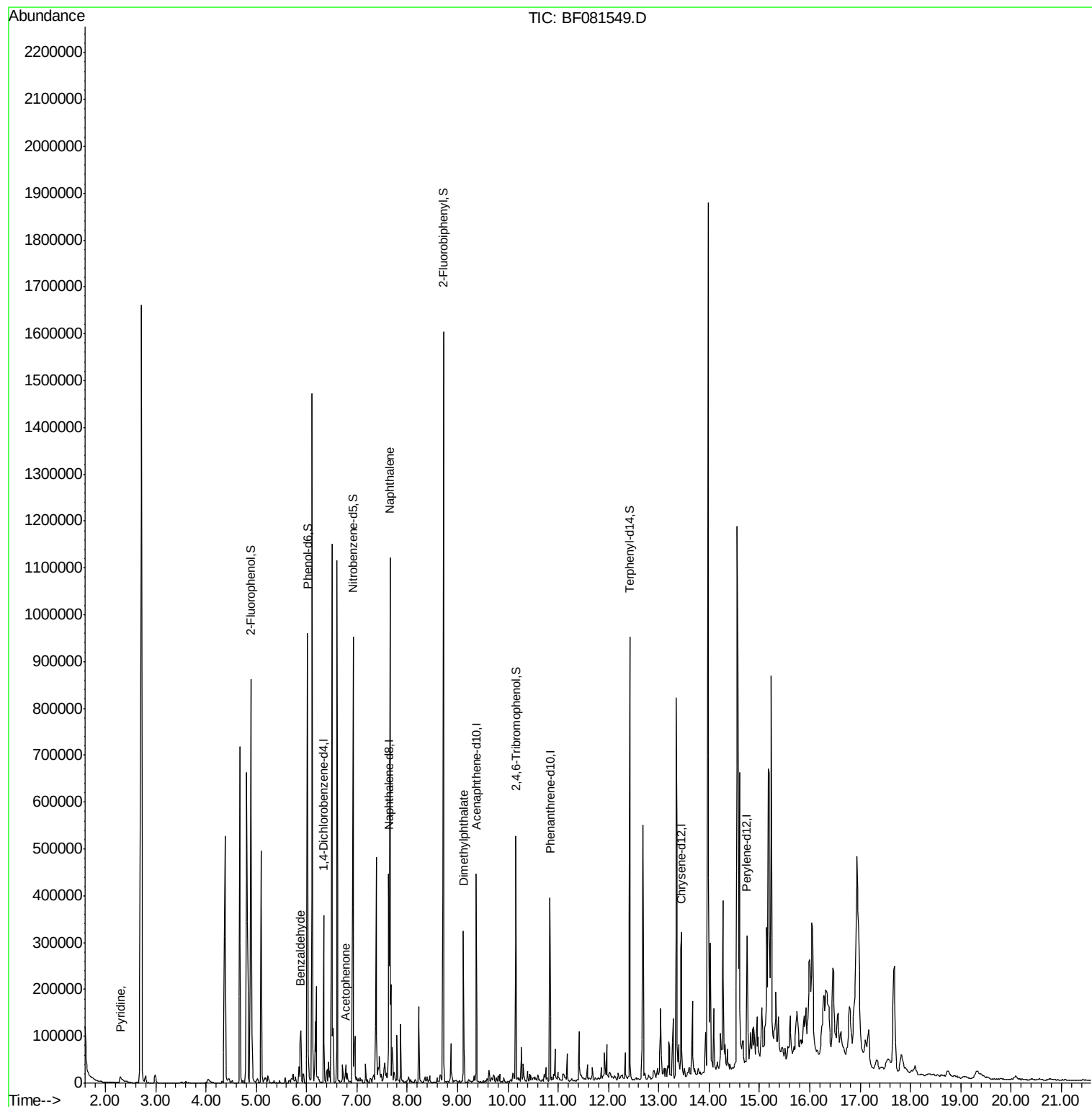
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	46751	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	181251	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	82251	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	144539	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	99126	20.00	ng	-0.01
86) Perylene-d12	14.75	264	89086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	297099	98.60	ng	0.01
7) Phenol-d6	6.02	99	451257	113.14	ng	0.00
23) Nitrobenzene-d5	6.92	82	298871	79.56	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	60416	82.49	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	468221	72.95	ng	0.00
78) Terphenyl-d14	12.42	244	294002	69.04	ng	0.00
Target Compounds						
3) Pyridine	2.30	79	14546	3.90	ng	# 80
9) Benzaldehyde	5.88	77	30074	12.03	ng	# 75
22) Acetophenone	6.78	105	10403	2.10	ng	# 74
31) Naphthalene	7.66	128	434080	44.91	ng	98
49) Dimethylphthalate	9.12	163	113004	17.68	ng	# 97

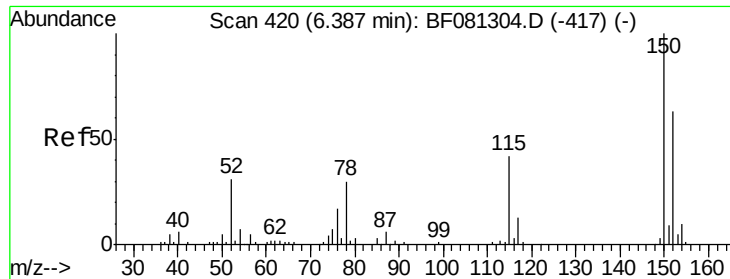
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 08 15:49:53 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Instrument :

BNA_F

ClientSampleId :

MGP212BR-51.5-54

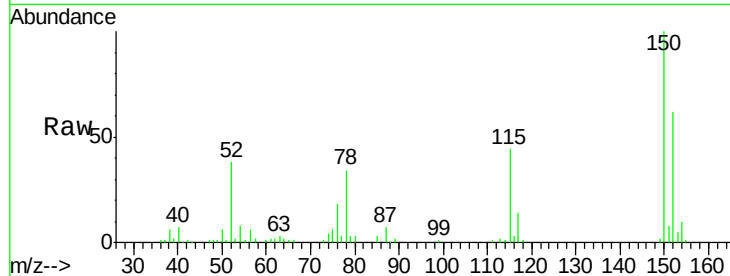
Tgt Ion:152 Resp: 46751

Ion Ratio Lower Upper

152 100

150 160.5 124.7 187.1

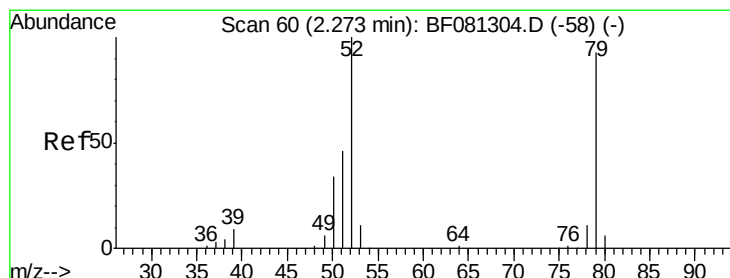
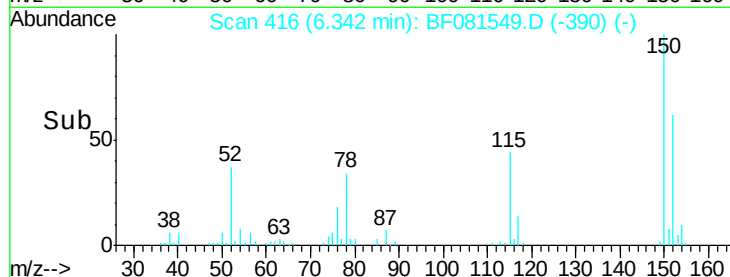
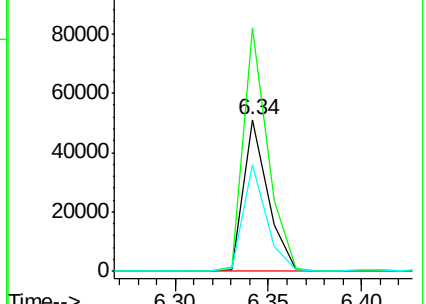
115 70.4 39.0 58.4#



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



#3

Pyridine

Concen: 3.90 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.10 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

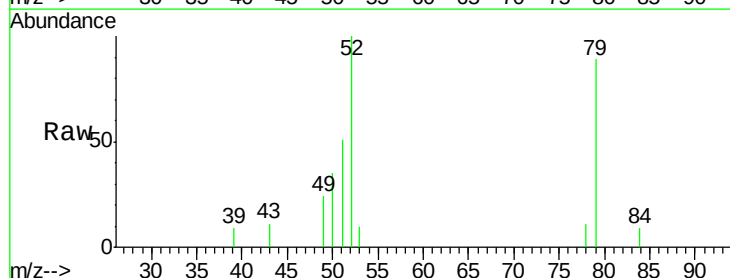
Tgt Ion: 79 Resp: 14546

Ion Ratio Lower Upper

79 100

52 112.8 76.8 115.2

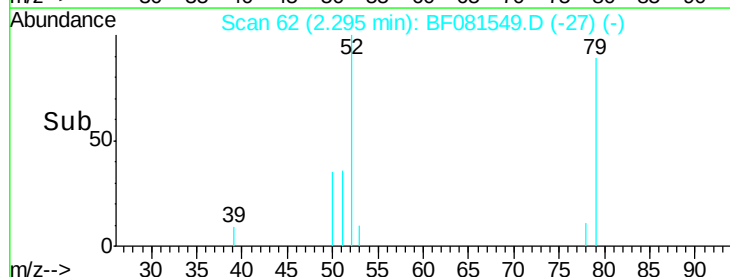
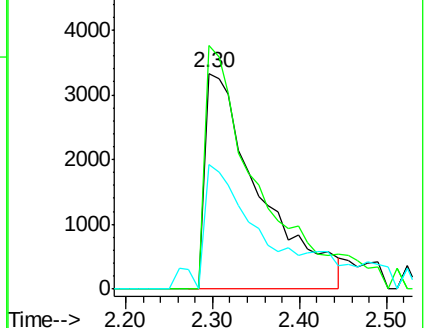
51 57.7 32.2 48.4#

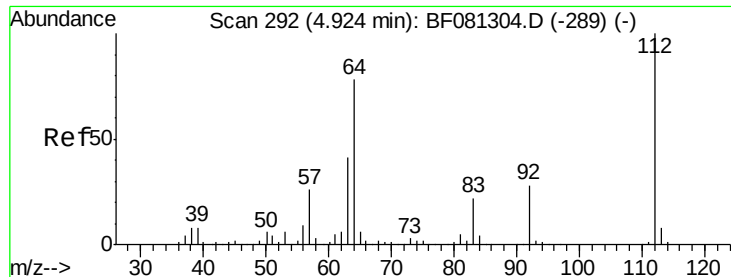


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

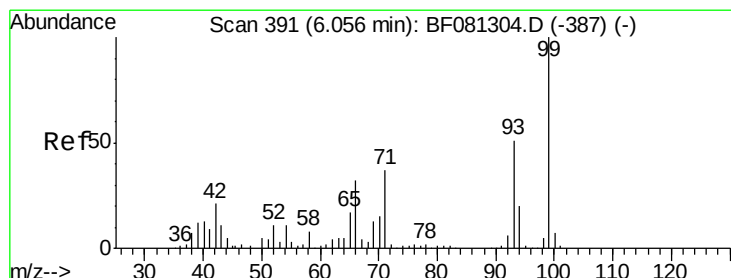
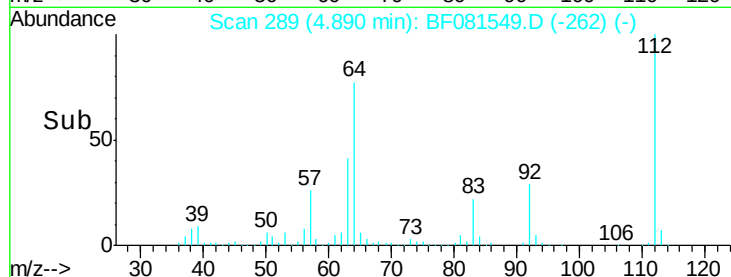
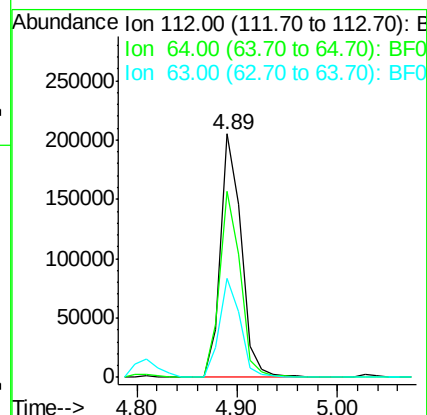
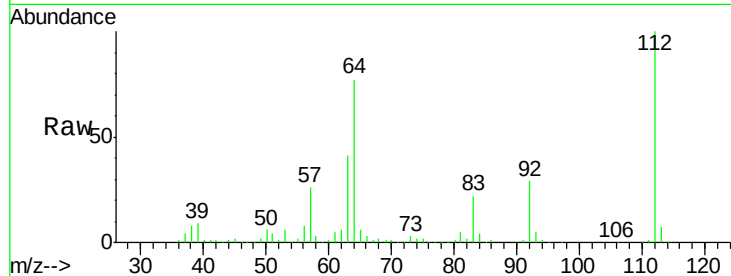




#5
 2-Fluorophenol
 Concen: 98.60 ng
 RT: 4.89 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF081549.D
 Acq: 9 Sep 2015 6:44

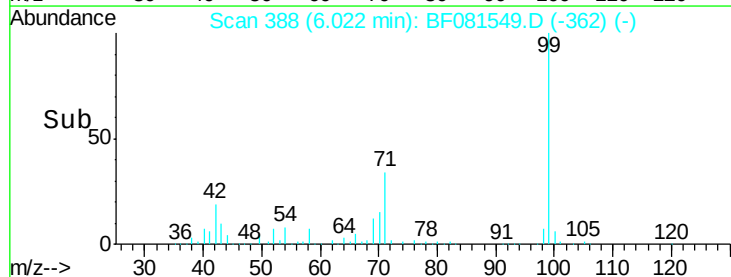
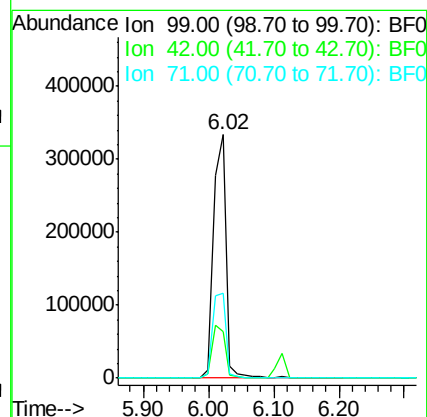
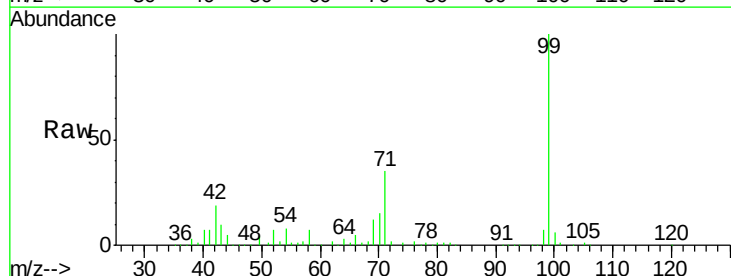
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-51.5-54

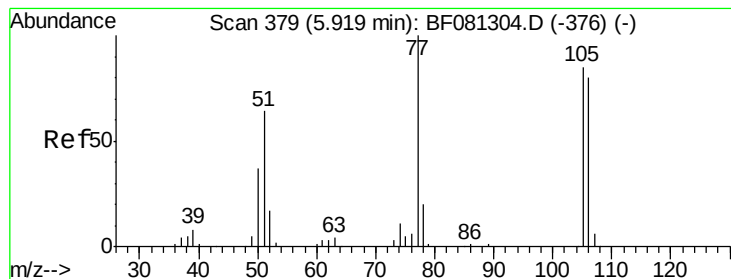
Tgt Ion: 112 Resp: 297099
 Ion Ratio Lower Upper
 112 100
 64 76.6 39.7 59.5#
 63 40.5 17.4 26.0#



#7
 Phenol-d6
 Concen: 113.14 ng
 RT: 6.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BF081549.D
 Acq: 9 Sep 2015 6:44

Tgt Ion: 99 Resp: 451257
 Ion Ratio Lower Upper
 99 100
 42 19.3 13.7 20.5
 71 34.8 14.2 21.2#





#9

Benzaldehyde

Concen: 12.03 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Instrument :

BNA_F

ClientSampleId :

MGP212BR-51.5-54

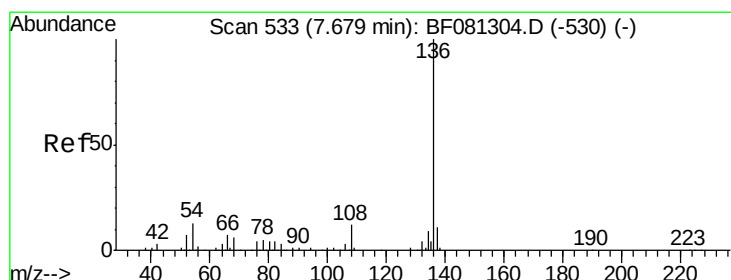
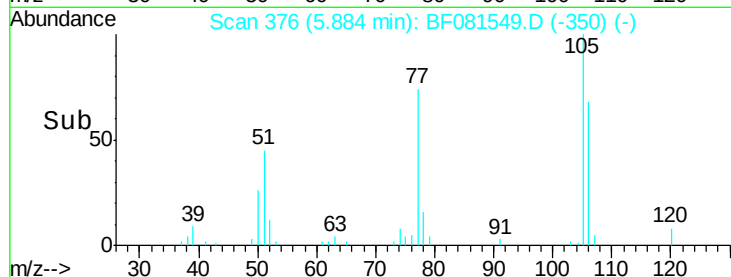
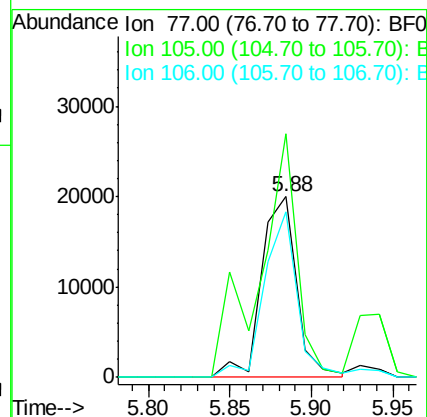
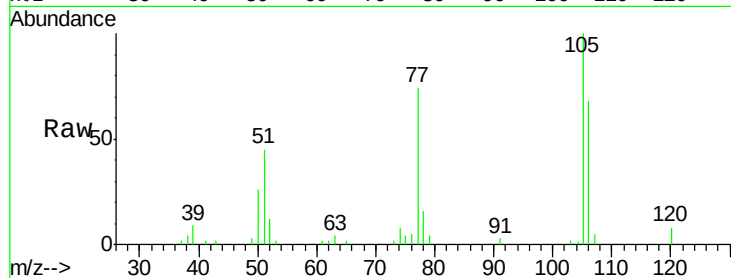
Tgt Ion: 77 Resp: 30074

Ion Ratio Lower Upper

77 100

105 134.9 91.6 131.6#

106 91.7 102.6 142.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Tgt Ion: 136 Resp: 181251

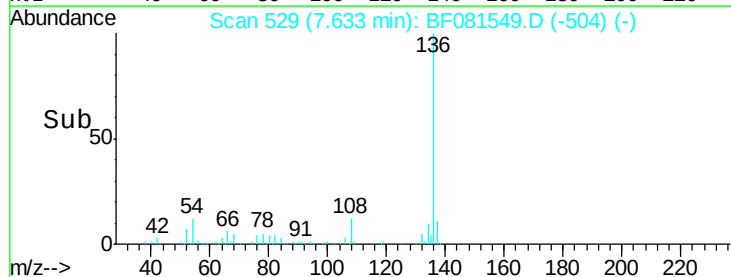
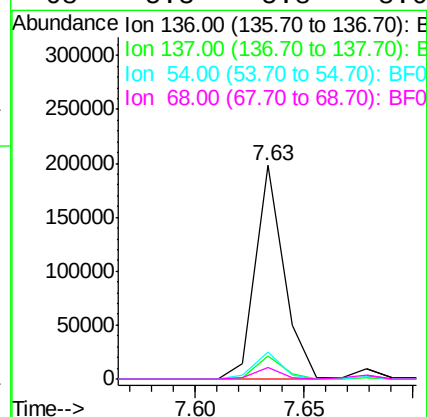
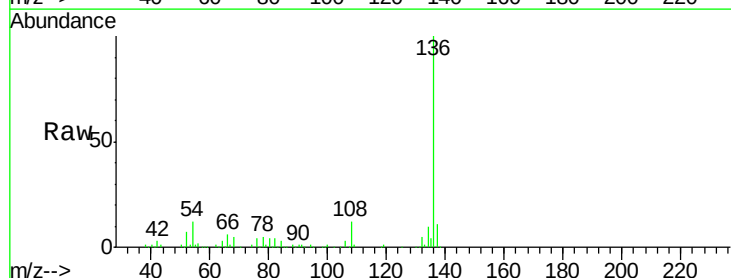
Ion Ratio Lower Upper

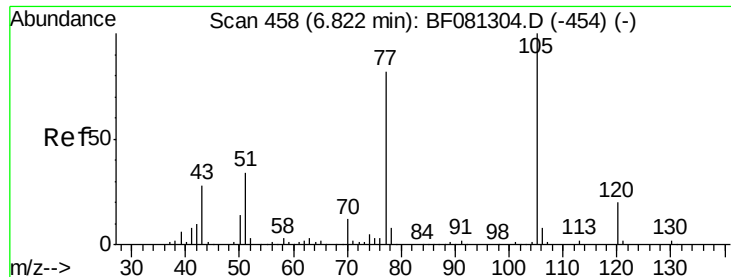
136 100

137 10.8 9.0 13.6

54 12.3 8.2 12.2#

68 5.3 5.8 8.6#

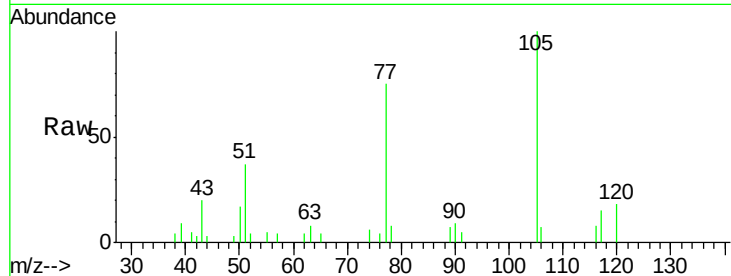




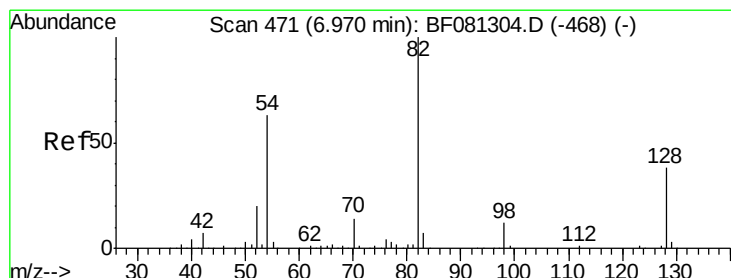
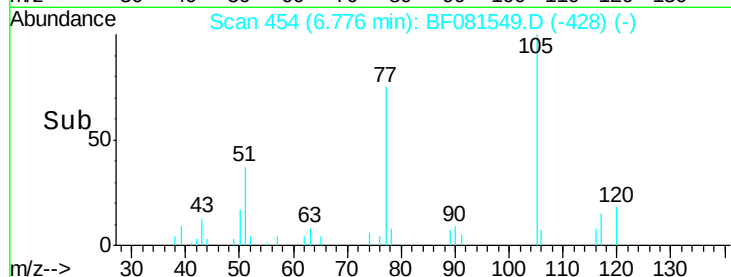
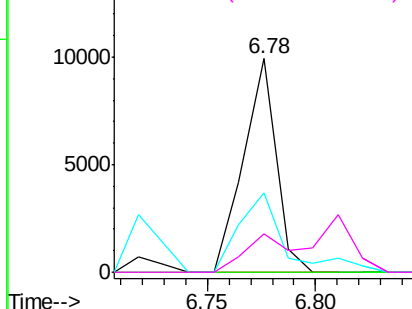
#22
Acetophenone
Concen: 2.10 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081549.D
Acq: 9 Sep 2015 6:44

Instrument :
BNA_F
ClientSampleId :
MGP212BR-51.5-54

Tgt Ion: 105 Resp: 10403
Ion Ratio Lower Upper
105 100
71 0.0 4.7 7.1#
51 37.1 22.0 33.0#
120 17.9 30.1 45.1#

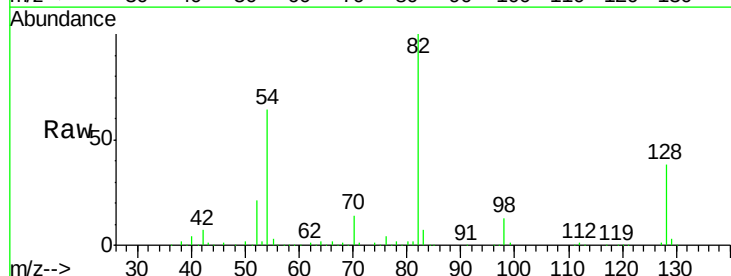


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

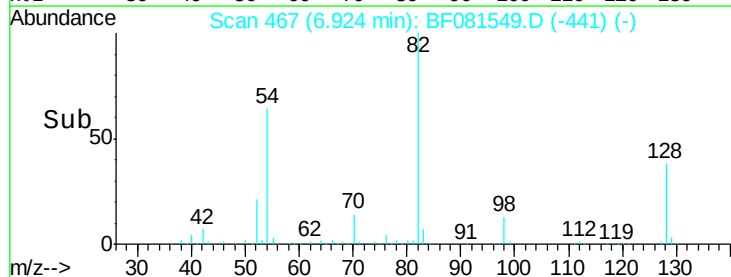
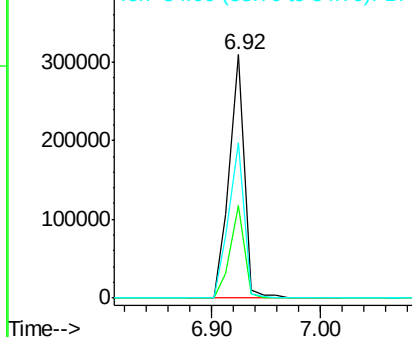


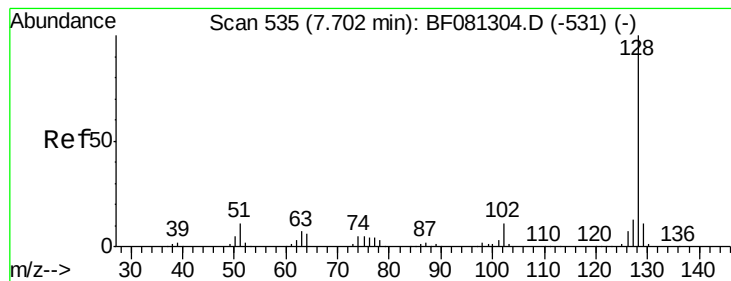
#23
Nitrobenzene-d5
Concen: 79.56 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF081549.D
Acq: 9 Sep 2015 6:44

Tgt Ion: 82 Resp: 298871
Ion Ratio Lower Upper
82 100
128 38.2 51.0 76.6#
54 63.5 47.5 71.3



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: 44.91 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Instrument :

BNA_F

ClientSampleId :

MGP212BR-51.5-54

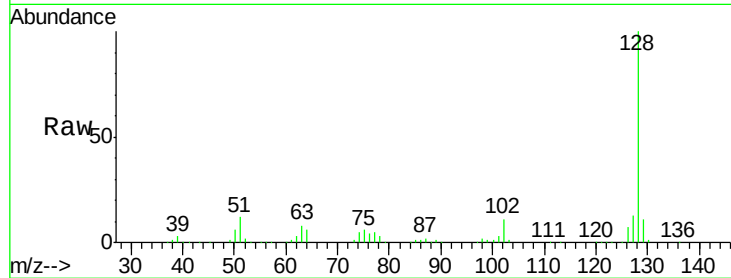
Tgt Ion:128 Resp: 434080

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

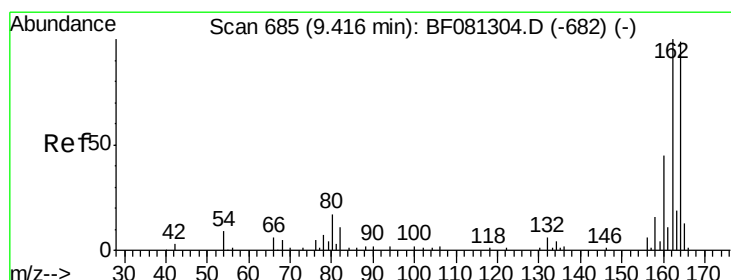
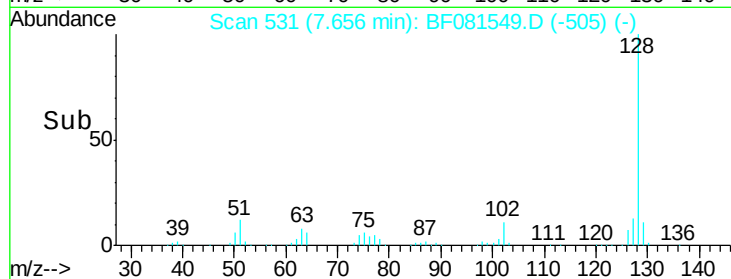
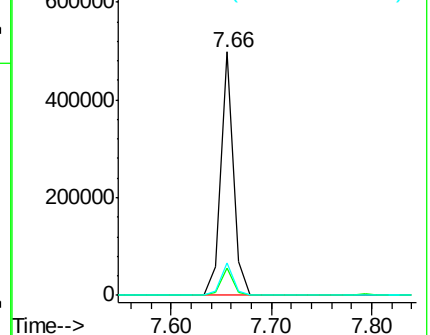
127 13.4 9.9 14.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

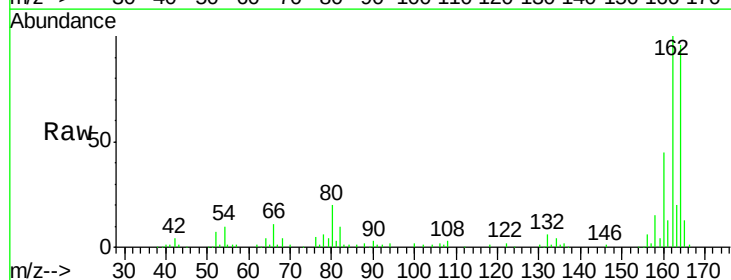
Tgt Ion:164 Resp: 82251

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

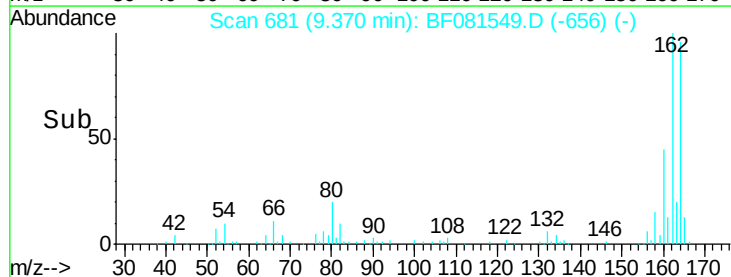
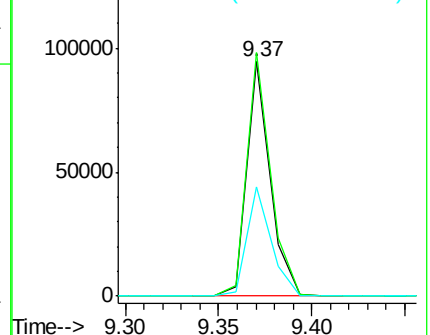
160 46.5 31.5 47.3

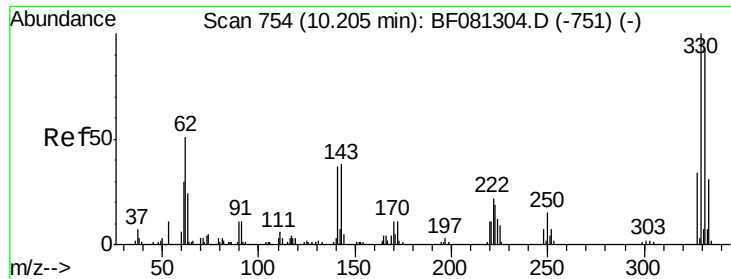


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

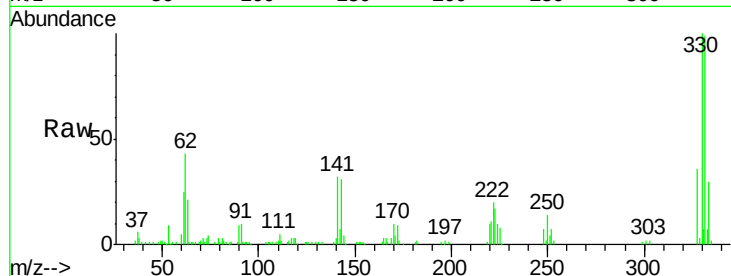




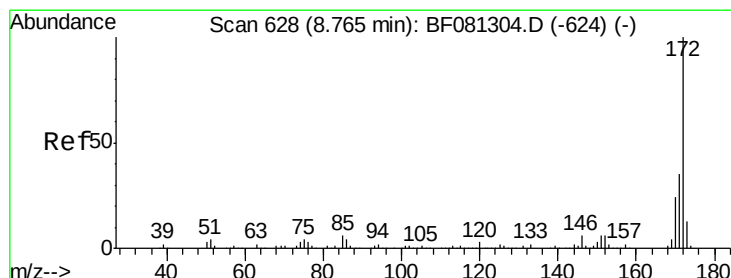
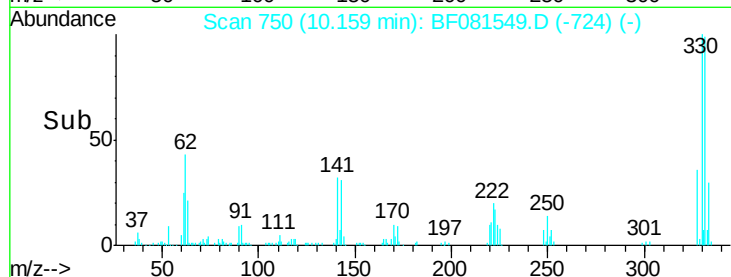
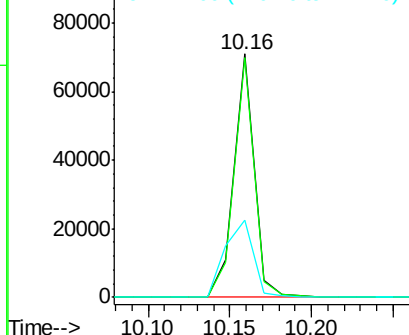
#41
 2,4,6-Tribromophenol
 Concen: 82.49 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081549.D
 Acq: 9 Sep 2015 6:44

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-51.5-54

Tgt Ion:330 Resp: 60416
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 44.5 29.7 44.5

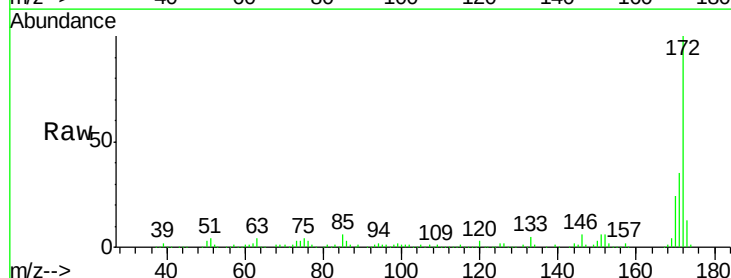


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

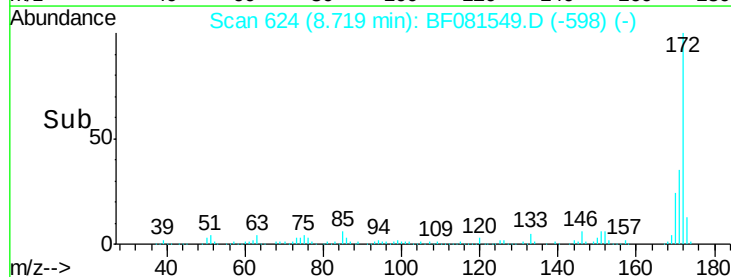
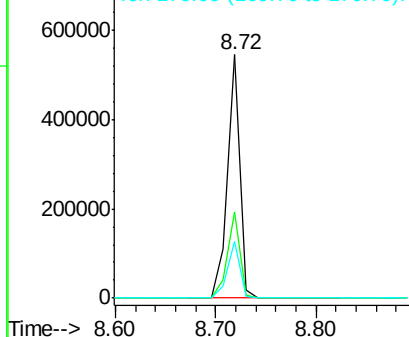


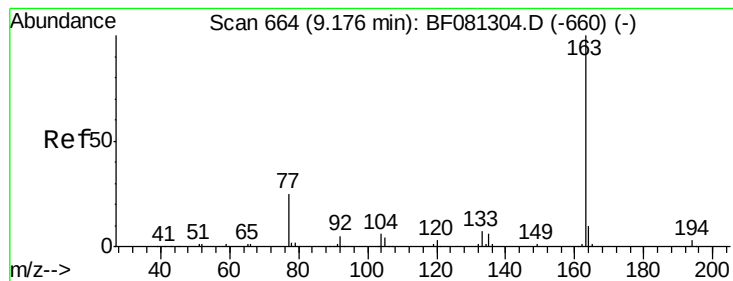
#44
 2-Fluorobiphenyl
 Concen: 72.95 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081549.D
 Acq: 9 Sep 2015 6:44

Tgt Ion:172 Resp: 468221
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.5 17.4 26.2



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: 17.68 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Instrument :

BNA_F

ClientSampleId :

MGP212BR-51.5-54

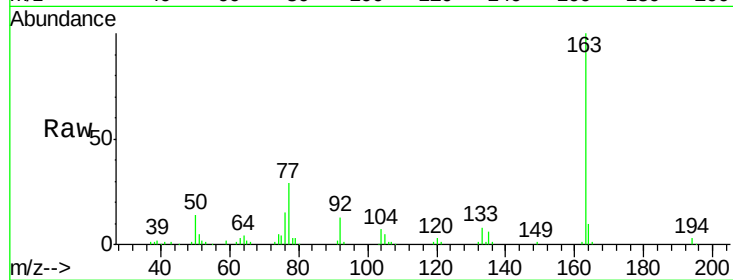
Tgt Ion:163 Resp: 113004

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

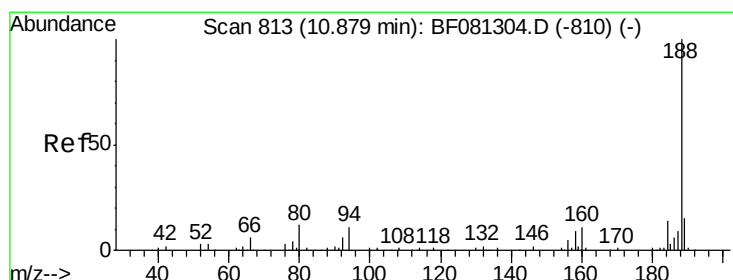
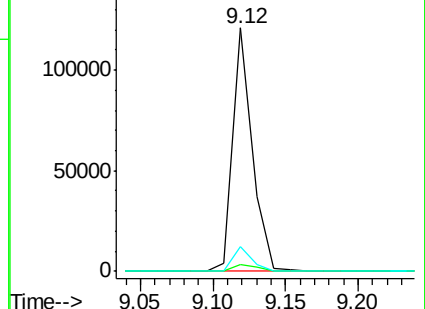
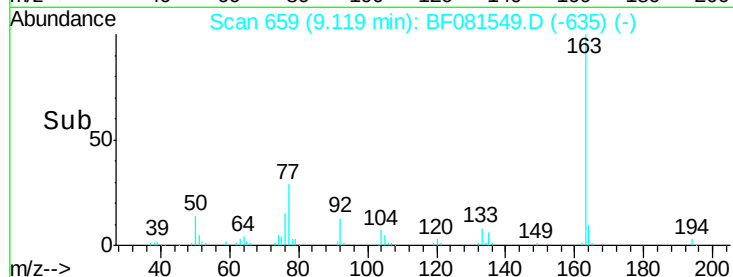
164 10.4 8.3 12.5



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: 10.83 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

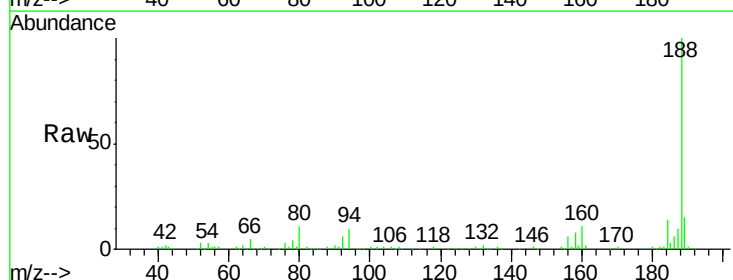
Tgt Ion:188 Resp: 144539

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

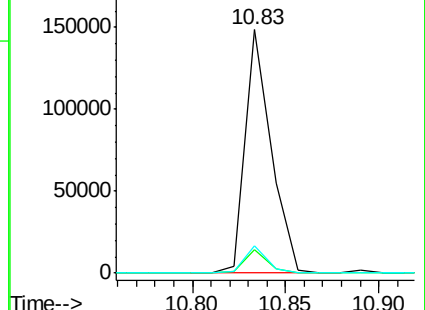
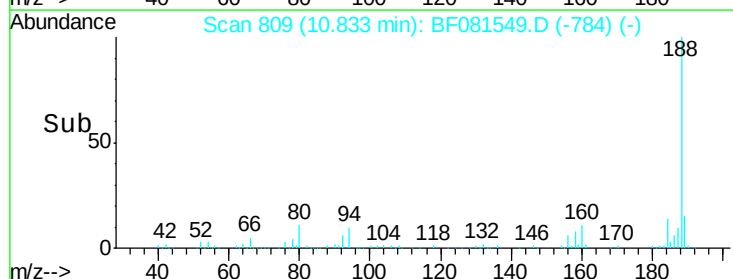
80 11.3 11.0 16.4

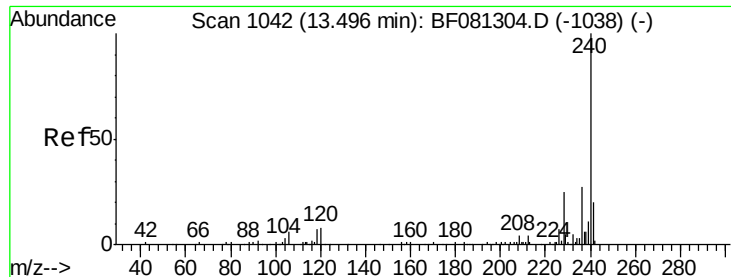


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

Instrument :

BNA_F

ClientSampleId :

MGP212BR-51.5-54

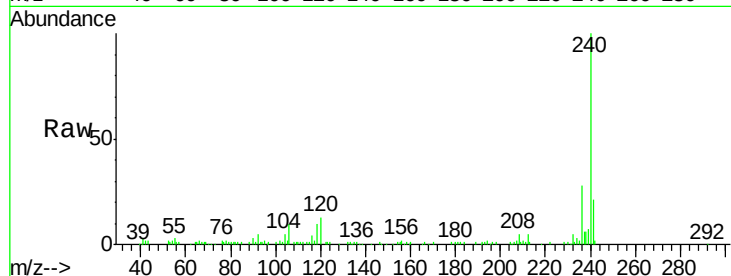
Tgt Ion:240 Resp: 99126

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

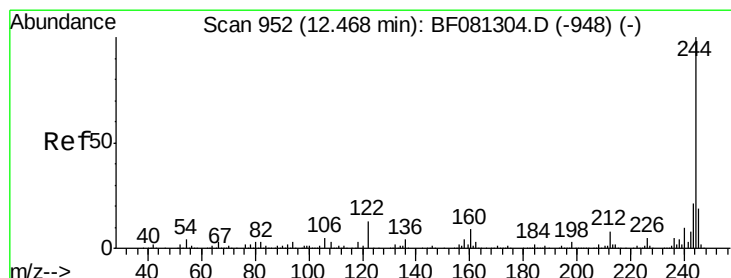
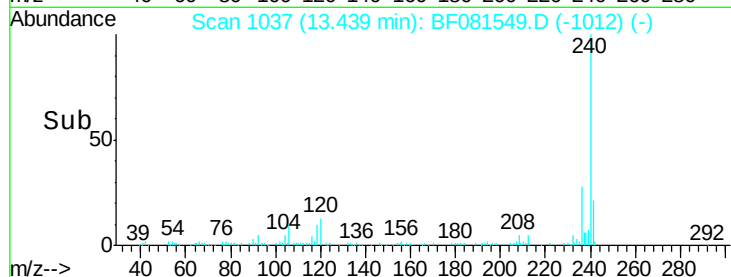
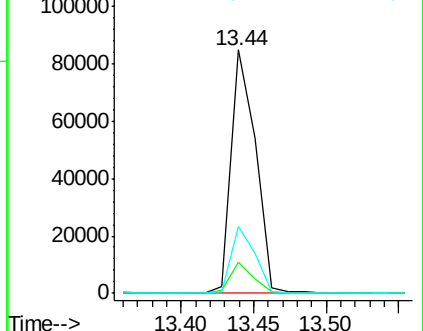
236 27.6 18.4 27.6



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



#78

Terphenyl-d14

Concen: 69.04 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081549.D

Acq: 9 Sep 2015 6:44

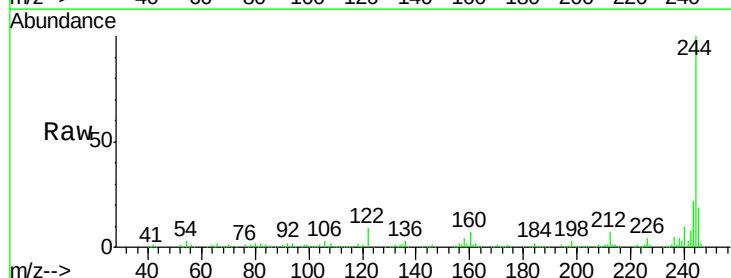
Tgt Ion:244 Resp: 294002

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

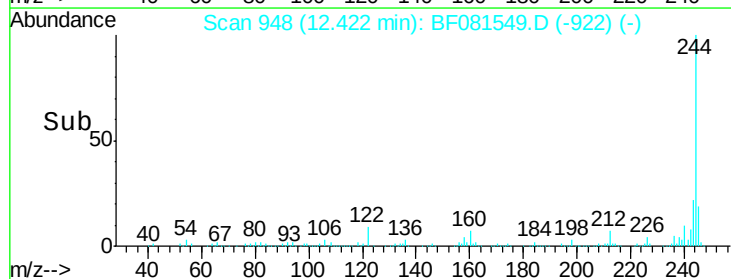
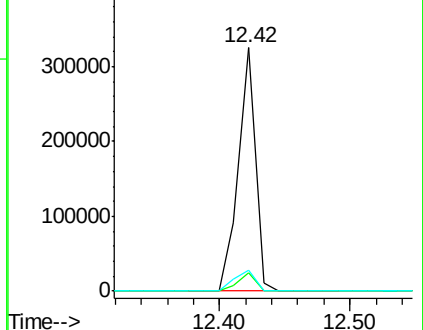
122 8.8 17.4 26.2#

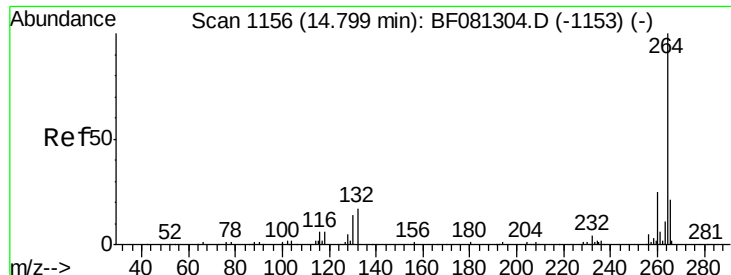


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081549.D
Acq: 9 Sep 2015 6:44

Instrument :
BNA_F
ClientSampleId :
MGP212BR-51.5-54

Tgt Ion: 264 Resp: 89086
Ion Ratio Lower Upper
264 100
260 24.8 16.7 25.1
265 22.2 17.2 25.8

