

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081660.D
 Acq On : 16 Sep 2015 21:41
 Operator : UM/IZ
 Sample : G3654-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(34-36)

Quant Time: Sep 17 03:57:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

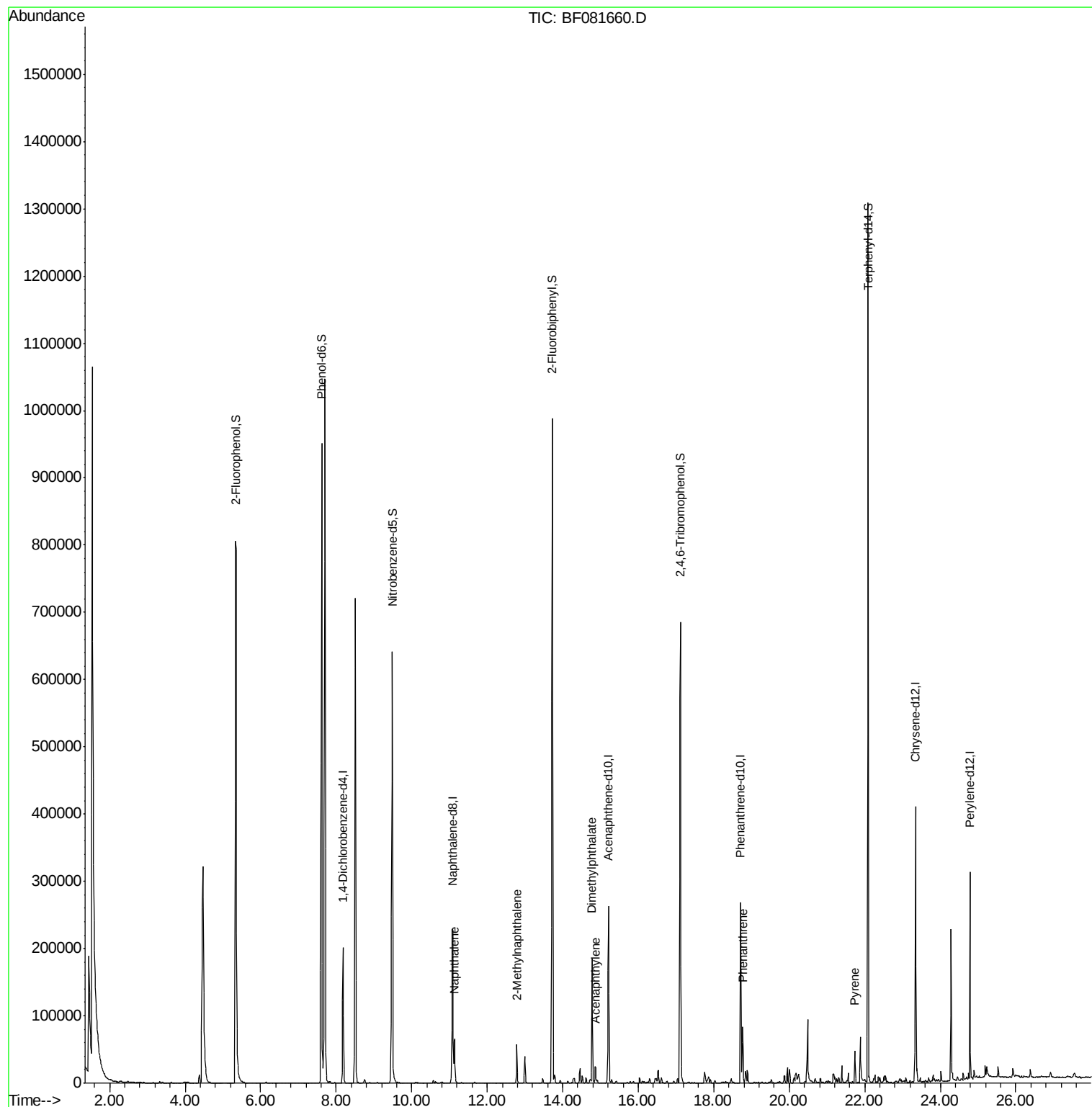
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48931	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	199432	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	94266	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	190322	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	156737	20.00	ng	-0.03
86) Perylene-d12	24.79	264	117262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	414904	131.56	ng	0.00
7) Phenol-d6	7.61	99	588824	141.05	ng	-0.03
23) Nitrobenzene-d5	9.49	82	384671	93.06	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	125580	149.62	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	583820	79.37	ng	-0.05
78) Terphenyl-d14	22.08	244	538919	80.04	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	11.13	128	58427	5.49	ng	98
37) 2-Methylnaphthalene	12.79	142	32219	4.65	ng	# 88
48) Acenaphthylene	14.87	152	22904	2.06	ng	96
49) Dimethylphthalate	14.78	163	123675	16.89	ng	# 97
70) Phenanthrene	18.77	178	60267	5.70	ng	97
77) Pyrene	21.74	202	31530	2.72	ng	98

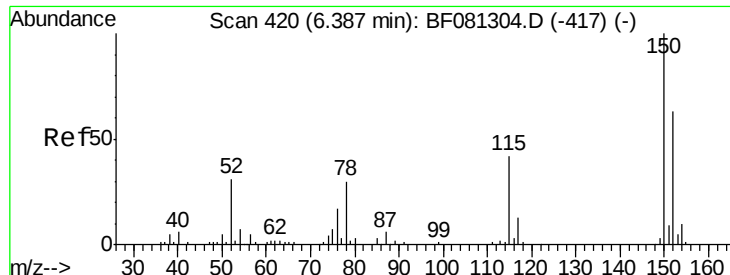
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

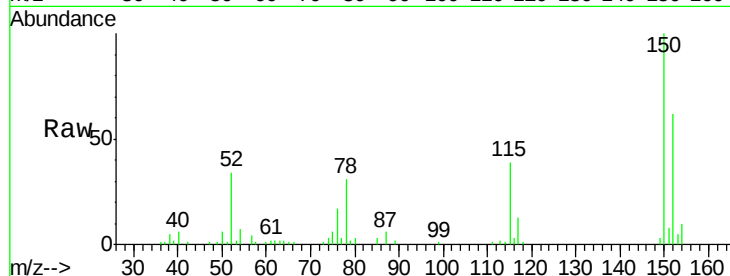
Tgt Ion:152 Resp: 48931

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

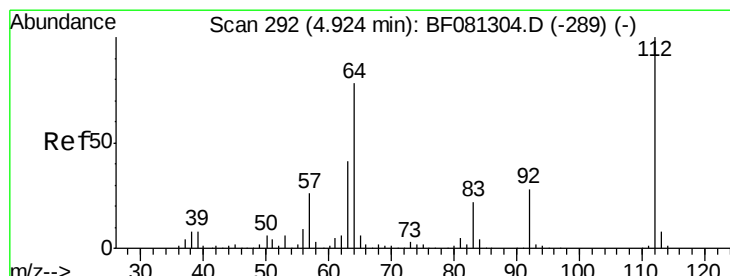
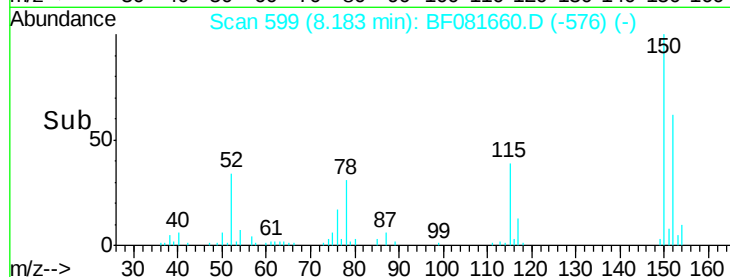
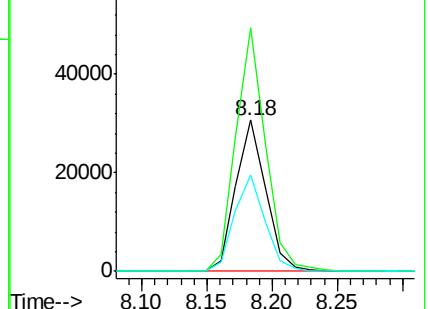
115 63.6 39.0 58.4#



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: 131.56 ng

RT: 5.35 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

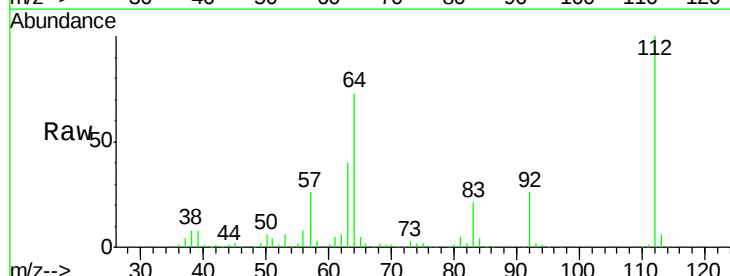
Tgt Ion:112 Resp: 414904

Ion Ratio Lower Upper

112 100

64 72.5 39.7 59.5#

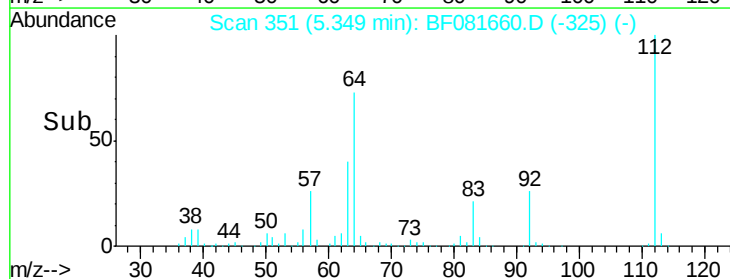
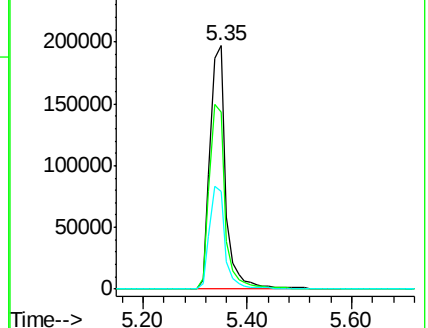
63 40.2 17.4 26.0#



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: 141.05 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

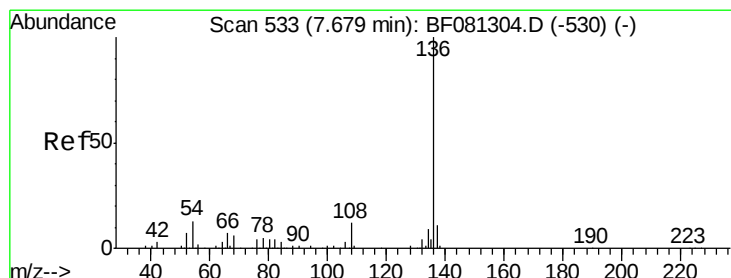
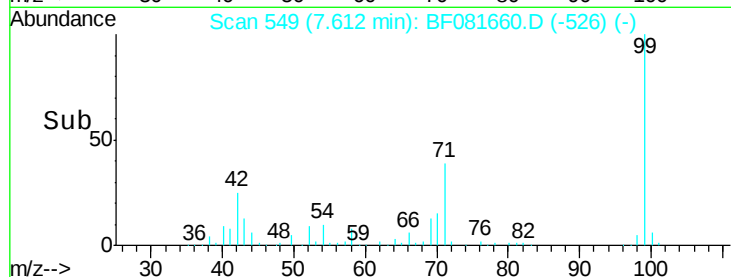
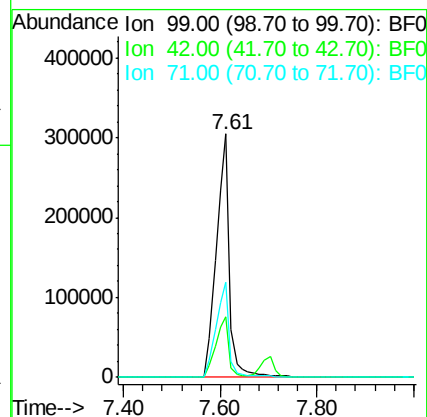
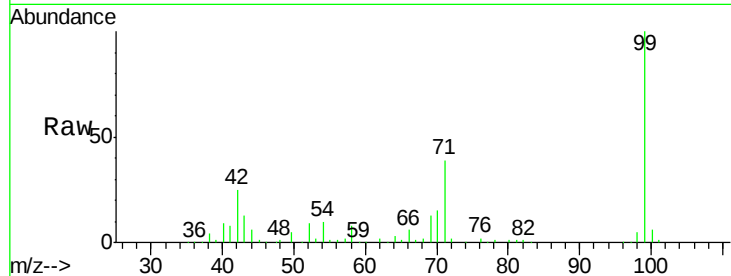
Tgt Ion: 99 Resp: 588824

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

71 39.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Tgt Ion: 136 Resp: 199432

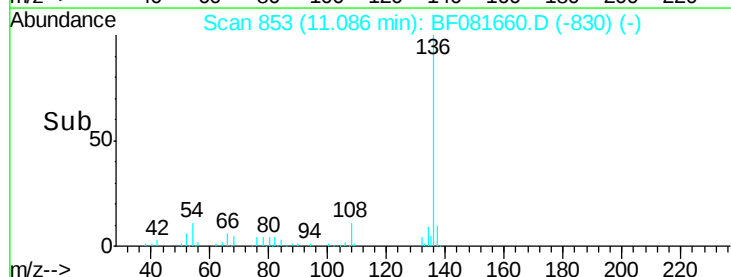
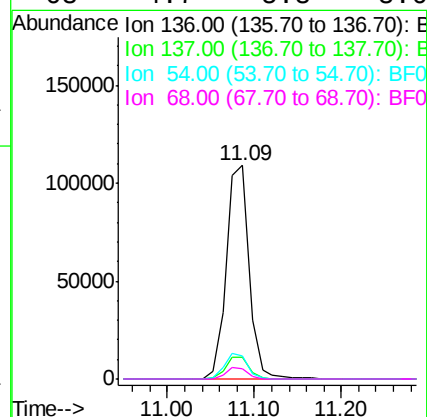
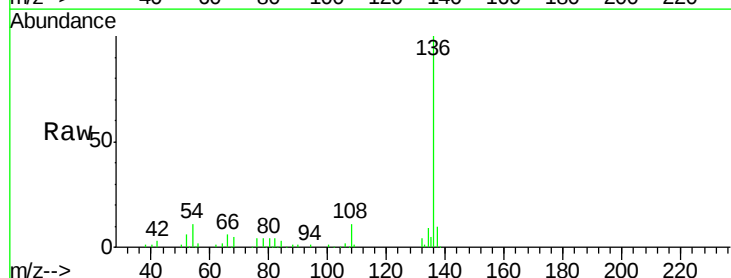
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 10.7 8.2 12.2

68 4.7 5.8 8.6#

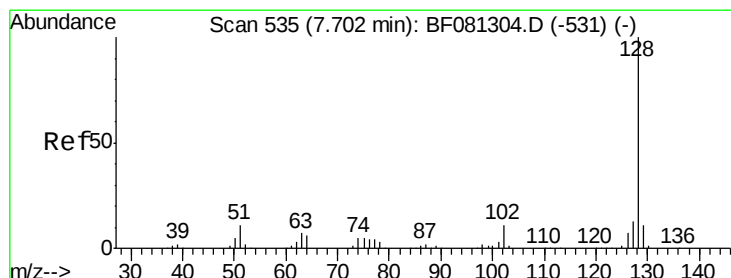
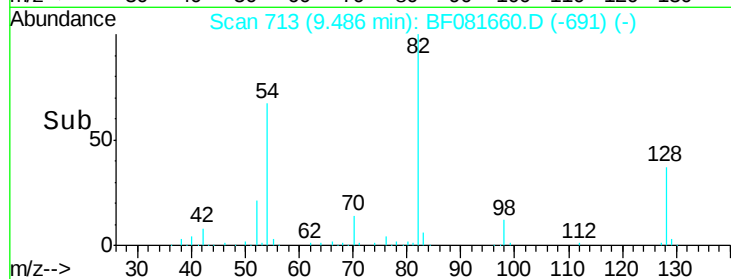
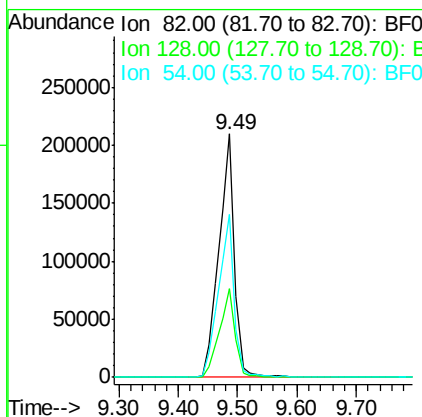
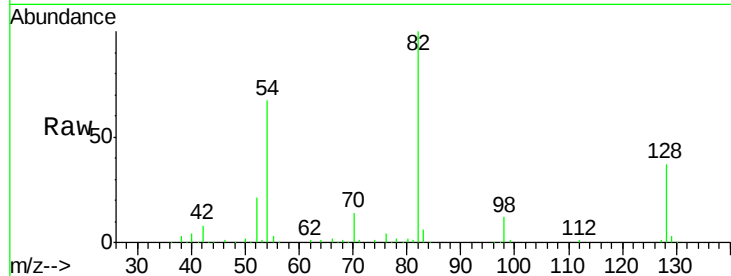




#23
 Nitrobenzene-d5
 Concen: 93.06 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

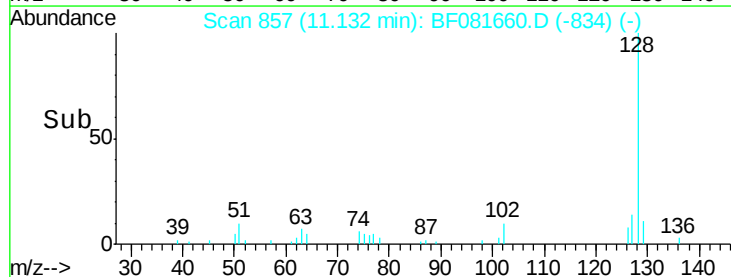
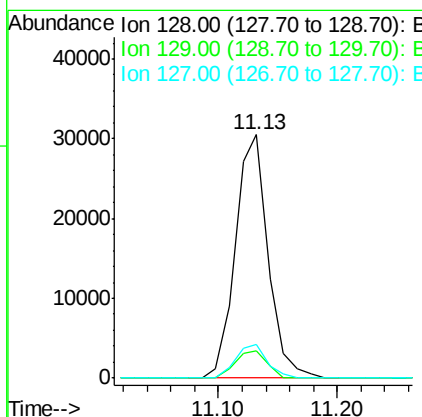
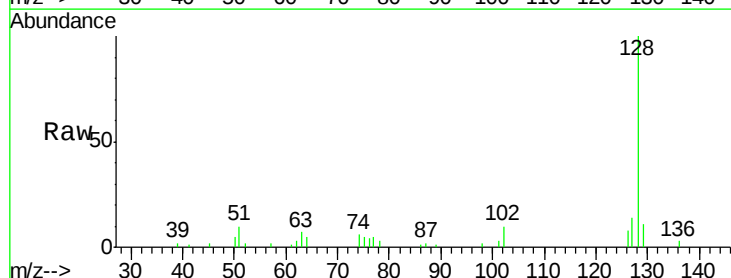
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(34-36)

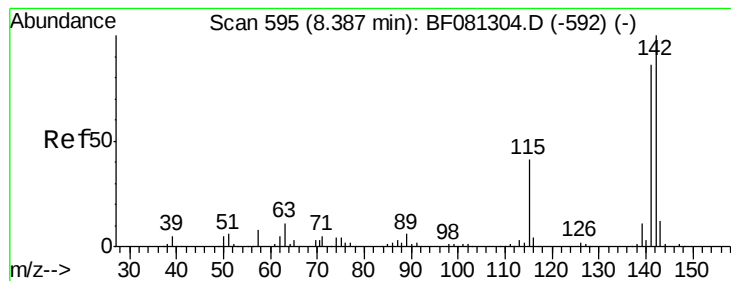
Tgt Ion: 82 Resp: 384671
 Ion Ratio Lower Upper
 82 100
 128 36.7 51.0 76.6#
 54 67.2 47.5 71.3



#31
 Naphthalene
 Concen: 5.49 ng
 RT: 11.13 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

Tgt Ion: 128 Resp: 58427
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 13.6 9.9 14.9





#37

2-Methylnaphthalene

Concen: 4.65 ng

RT: 12.79 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

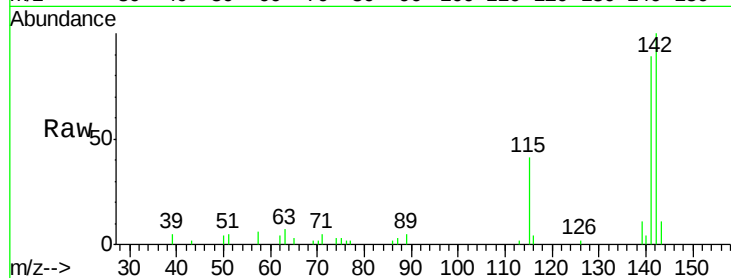
Tgt Ion:142 Resp: 32219

Ion Ratio Lower Upper

142 100

141 89.1 67.5 101.3

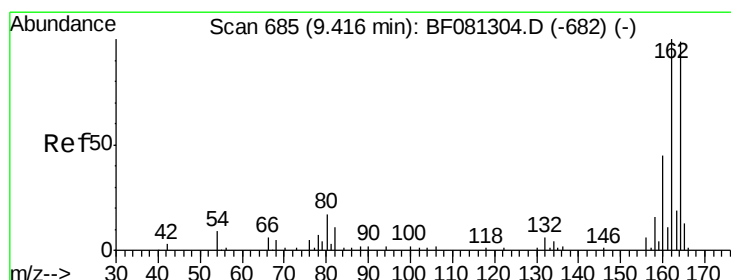
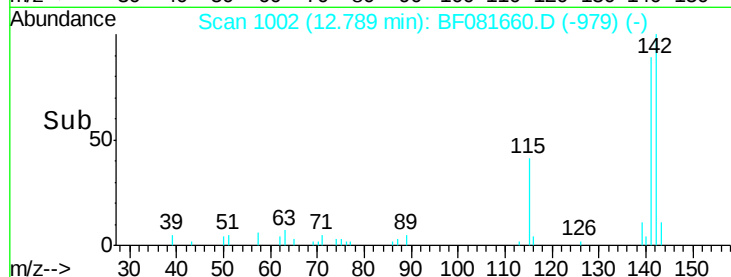
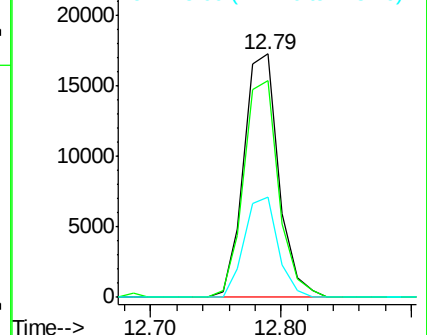
115 41.0 18.2 27.2#



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: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

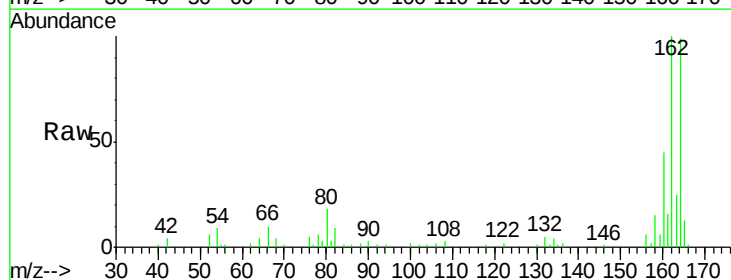
Tgt Ion:164 Resp: 94266

Ion Ratio Lower Upper

164 100

162 100.7 75.2 112.8

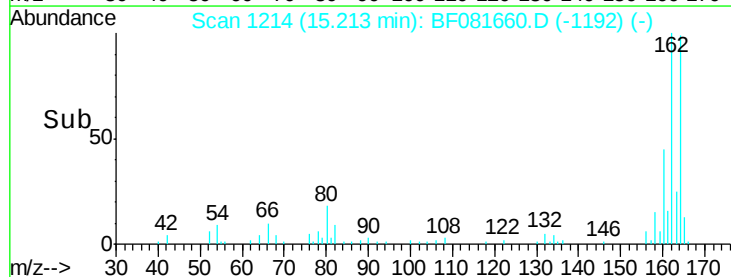
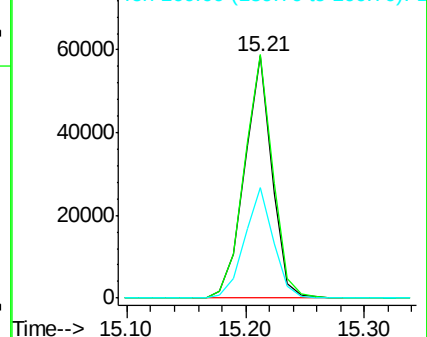
160 45.5 31.5 47.3



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

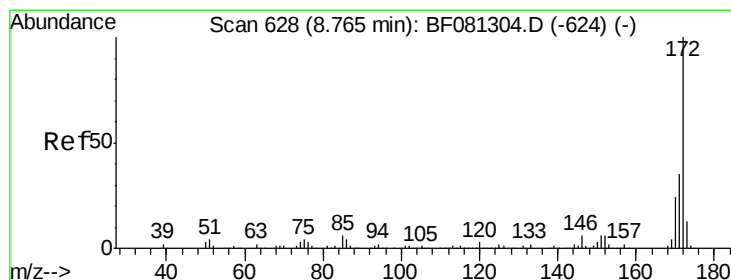
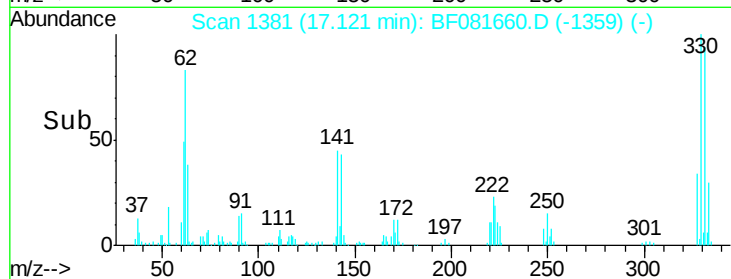
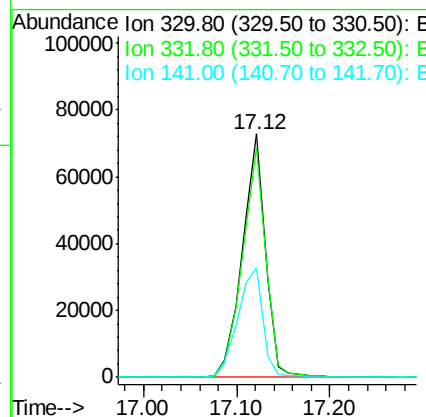
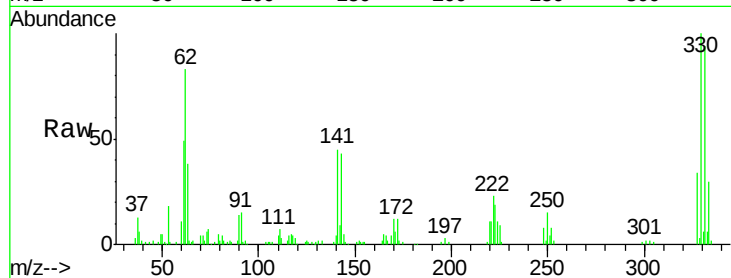




#41
 2,4,6-Tribromophenol
 Concen: 149.62 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

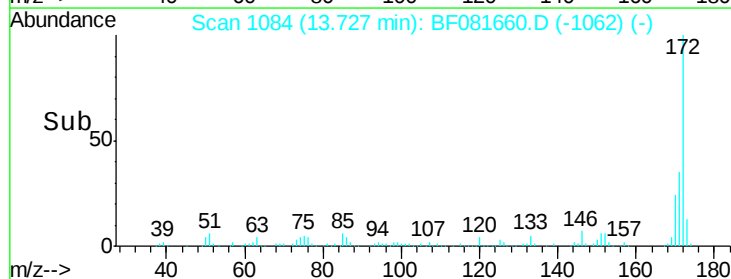
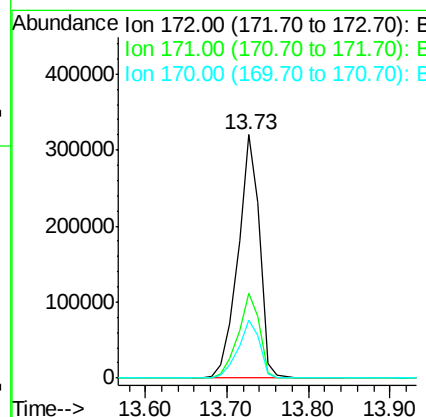
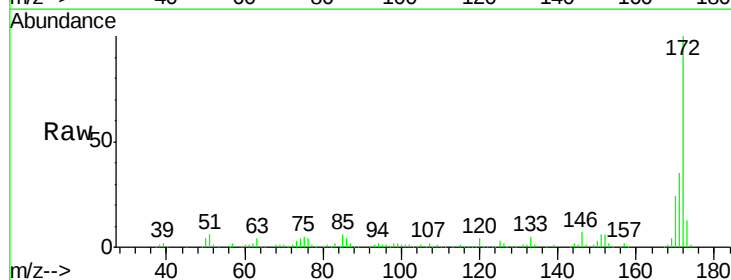
Instrument :
 BNA_F
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 MGP204(34-36)

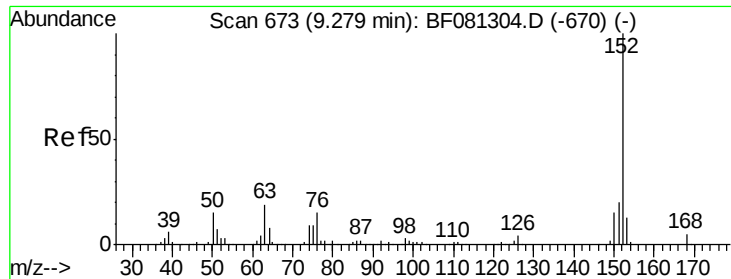
Tgt Ion:330 Resp: 125580
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 49.4 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 79.37 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

Tgt Ion:172 Resp: 583820
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.1 17.4 26.2





#48

Acenaphthylene

Concen: 2.06 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

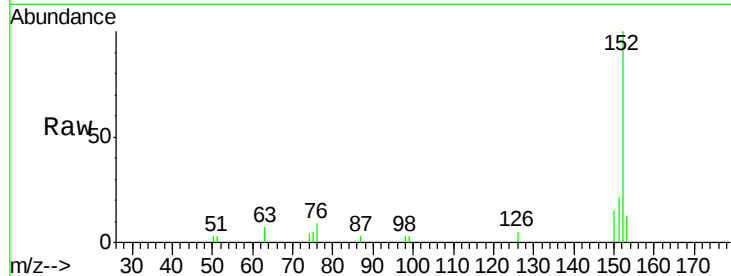
Tgt Ion:152 Resp: 22904

Ion Ratio Lower Upper

152 100

151 20.7 14.6 22.0

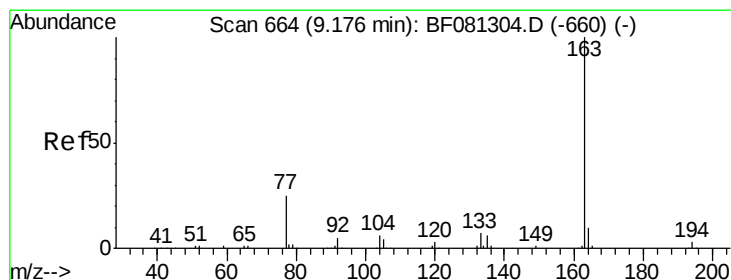
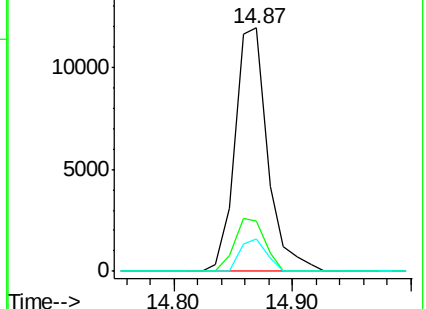
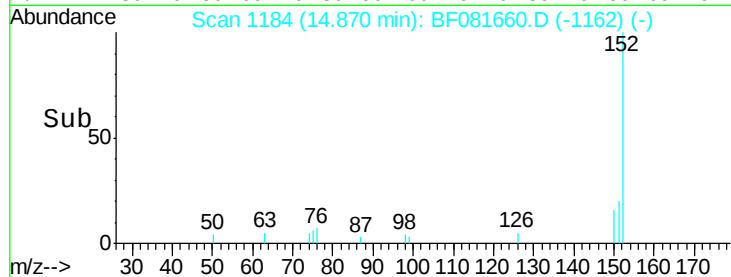
153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 16.89 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

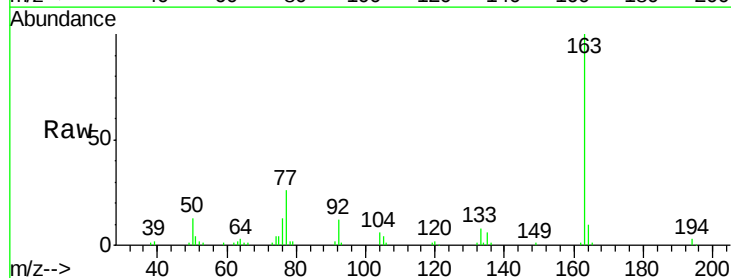
Tgt Ion:163 Resp: 123675

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

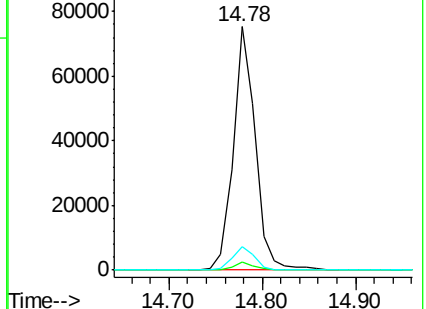
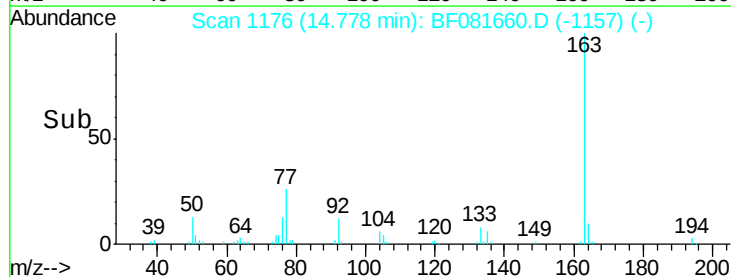
164 9.9 8.3 12.5

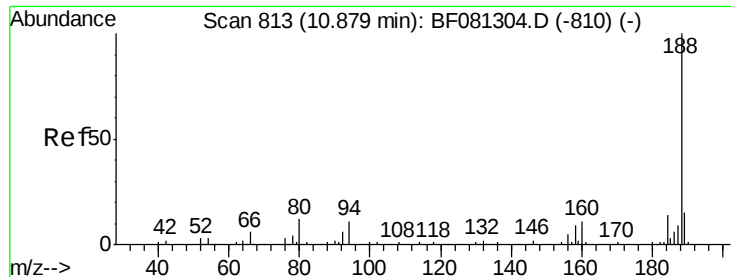


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

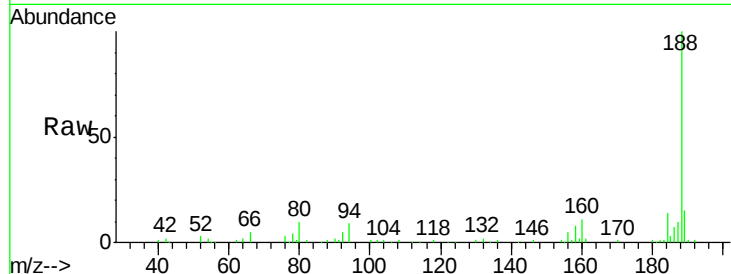




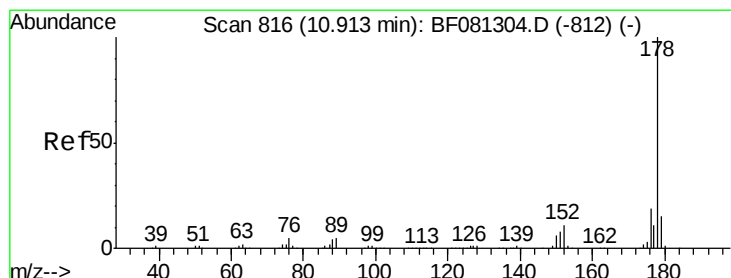
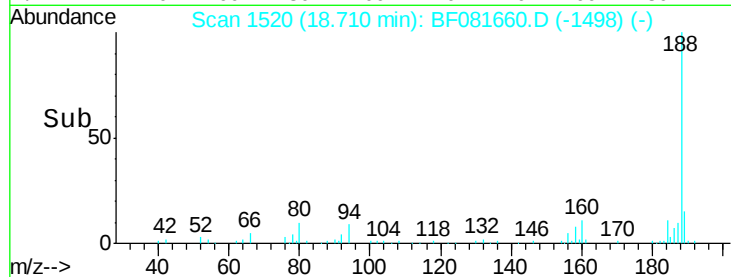
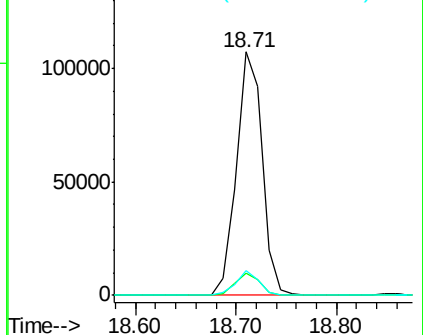
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.71 min Scan# 1520
 Delta R.T. -0.05 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(34-36)

Tgt Ion:188 Resp: 190322
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 10.0 11.0 16.4#

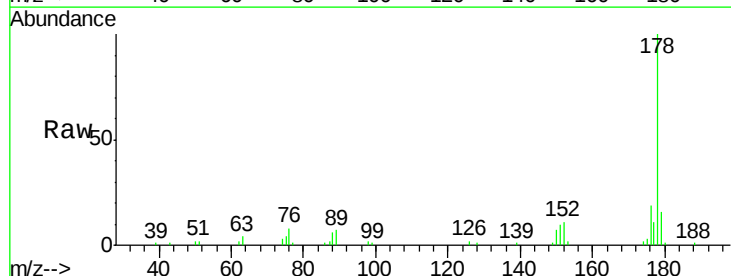


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

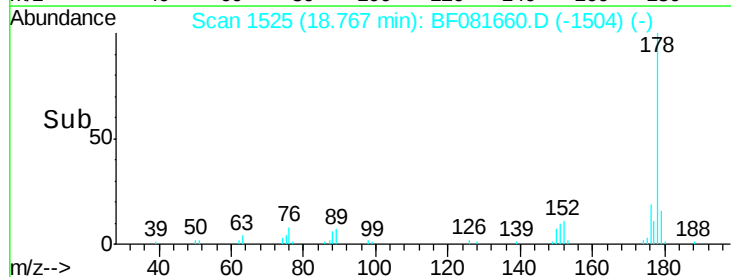
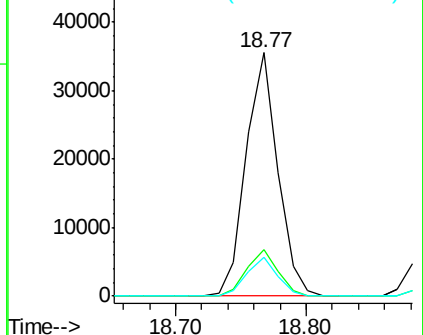


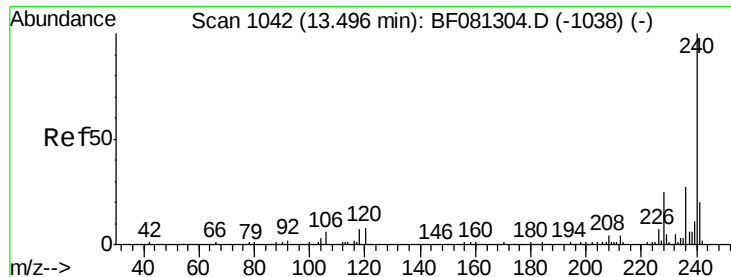
#70
 Phenanthrene
 Concen: 5.70 ng
 RT: 18.77 min Scan# 1525
 Delta R.T. -0.06 min
 Lab File: BF081660.D
 Acq: 16 Sep 2015 21:41

Tgt Ion:178 Resp: 60267
 Ion Ratio Lower Upper
 178 100
 176 19.0 13.8 20.8
 179 16.0 12.2 18.2



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: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

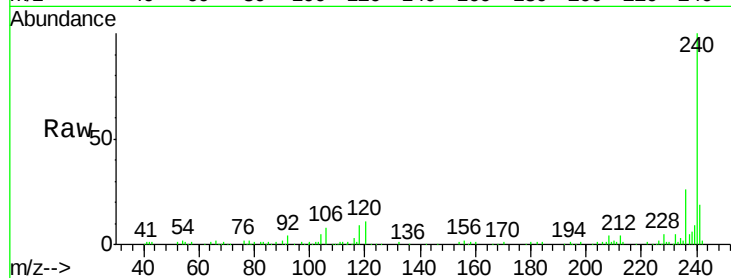
Tgt Ion:240 Resp: 156737

Ion Ratio Lower Upper

240 100

120 11.4 16.2 24.2#

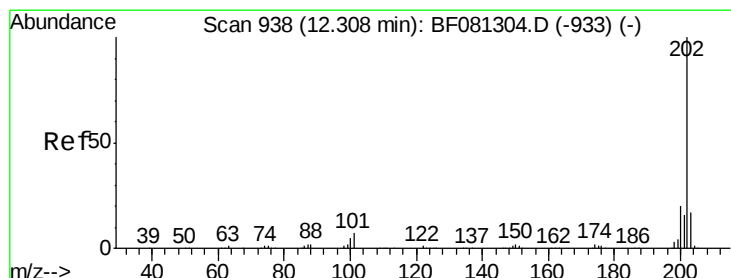
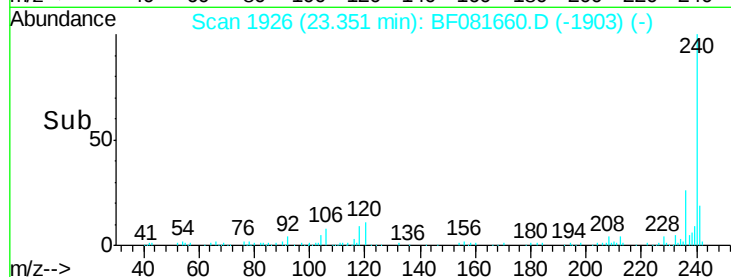
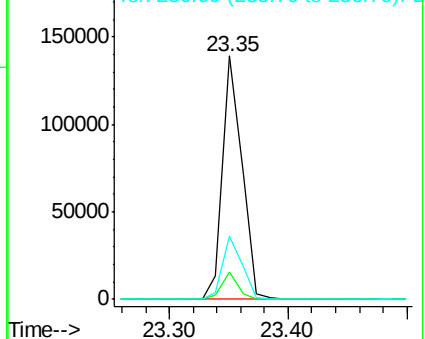
236 25.8 18.4 27.6



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



#77

Pyrene

Concen: 2.72 ng

RT: 21.74 min Scan# 1785

Delta R.T. -0.05 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

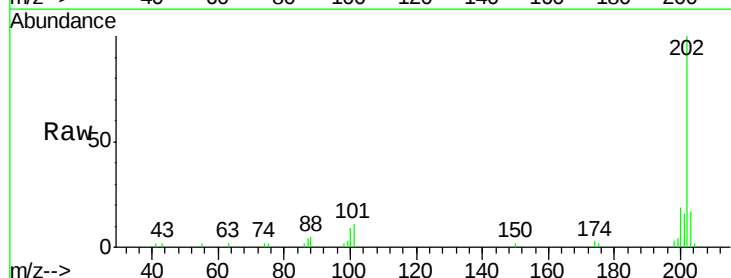
Tgt Ion:202 Resp: 31530

Ion Ratio Lower Upper

202 100

200 19.4 15.0 22.4

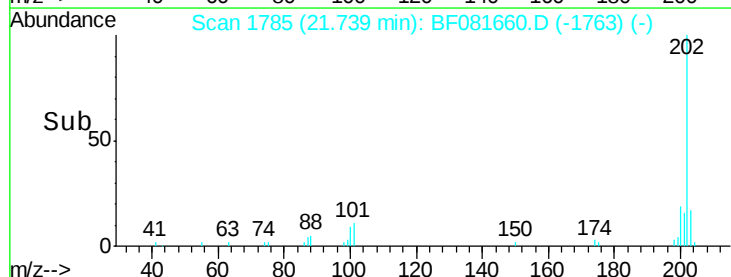
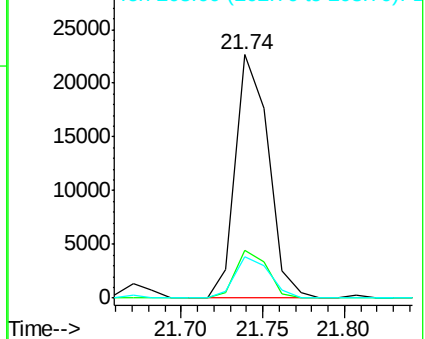
203 16.8 14.1 21.1

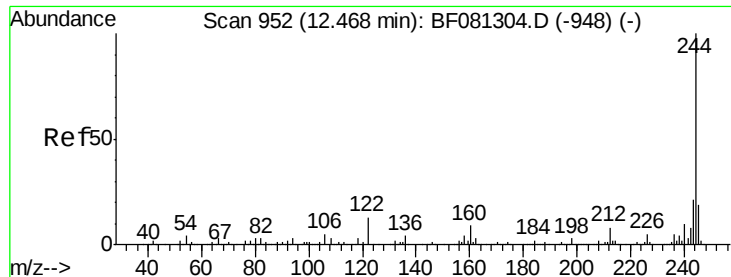


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.04 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

Instrument :

BNA_F

ClientSampleId :

MGP204(34-36)

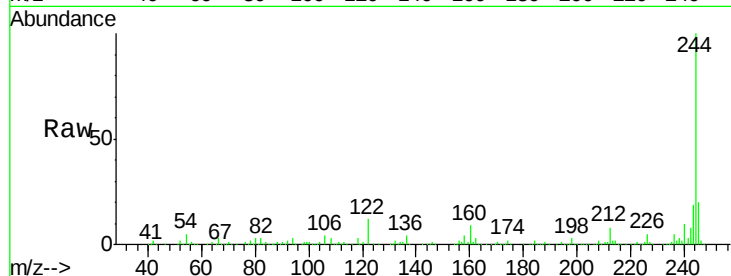
Tgt Ion:244 Resp: 538919

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

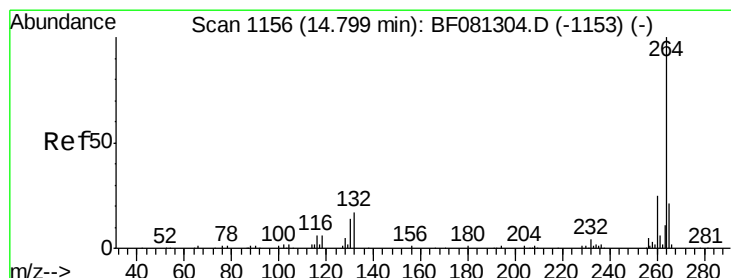
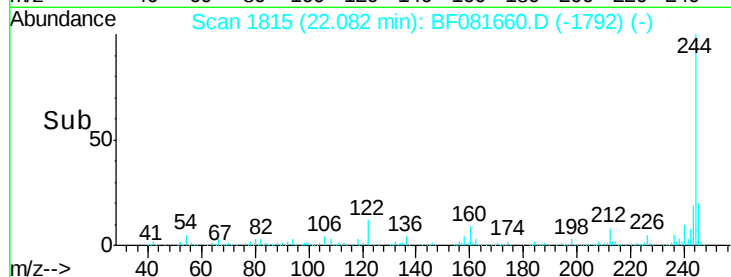
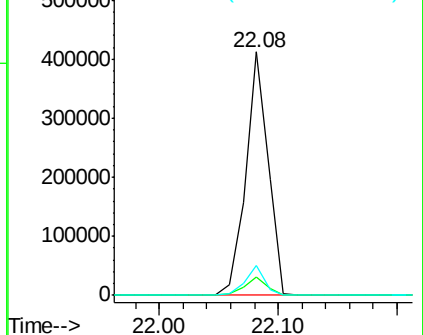
122 12.5 17.4 26.2#



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: 24.79 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BF081660.D

Acq: 16 Sep 2015 21:41

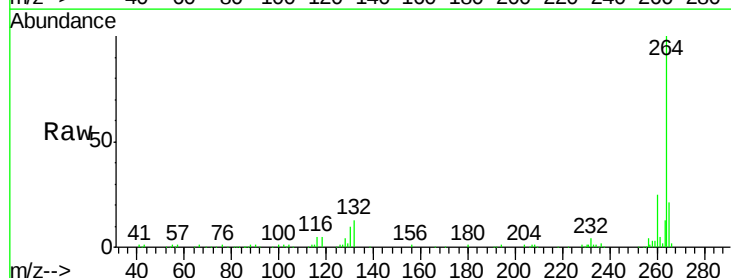
Tgt Ion:264 Resp: 117262

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

265 20.9 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

