

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082131.D
 Acq On : 8 Oct 2015 17:05
 Operator : UM/IZ
 Sample : G3945-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21

Quant Time: Oct 09 05:50:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

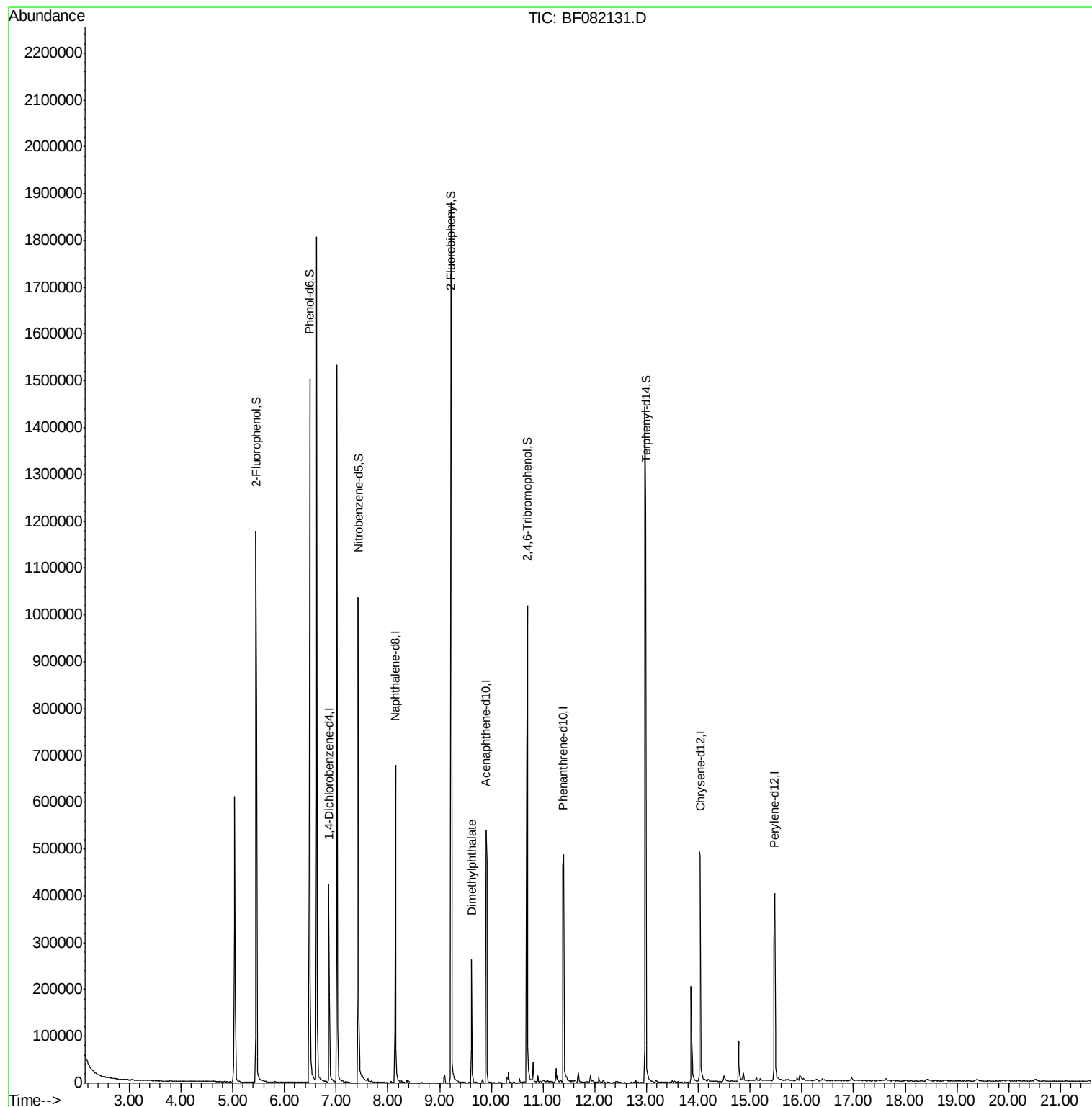
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82200	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	335154	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	163006	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	322845	20.00	ng	0.00
75) Chrysene-d12	14.04	240	321316	20.00	ng	-0.01
86) Perylene-d12	15.48	264	244241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	455939	100.69	ng	0.00
7) Phenol-d6	6.49	99	577972	101.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	379610	75.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	180012	109.04	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	650635	63.60	ng	-0.01
78) Terphenyl-d14	12.98	244	724508	69.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	125461	11.15	ng	# 97

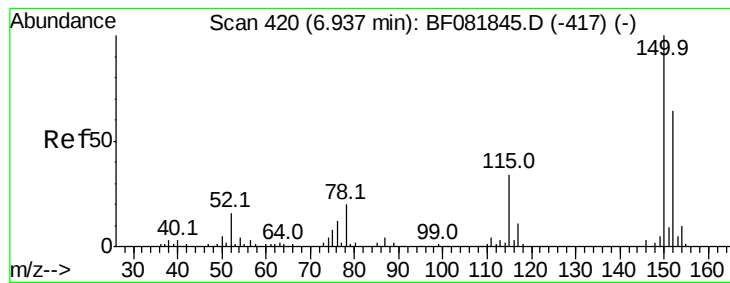
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21

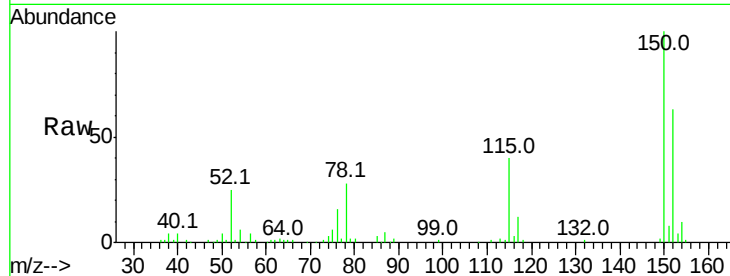
Tot Ion:152 Resp: 82200

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

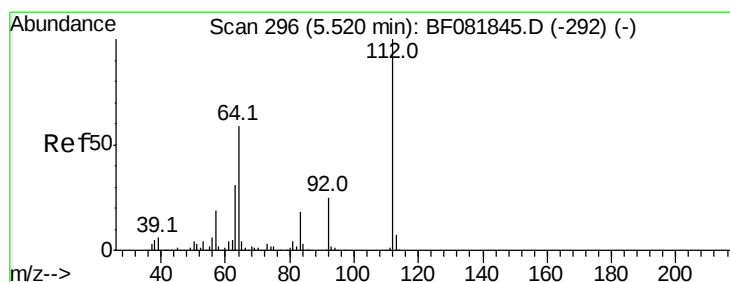
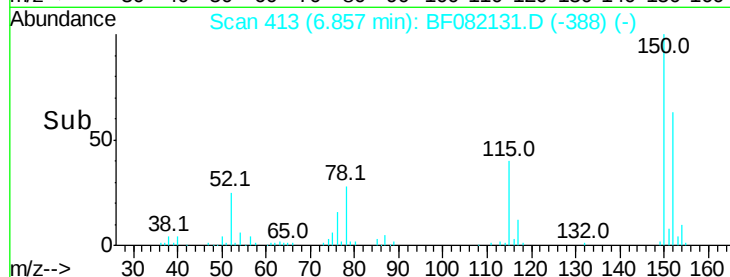
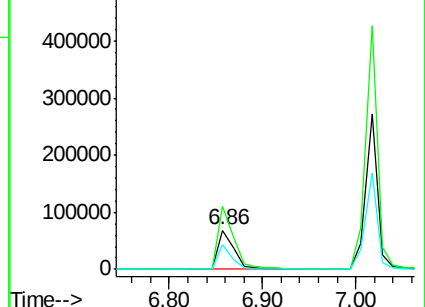
115 64.6 39.0 58.4#



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: 100.69 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

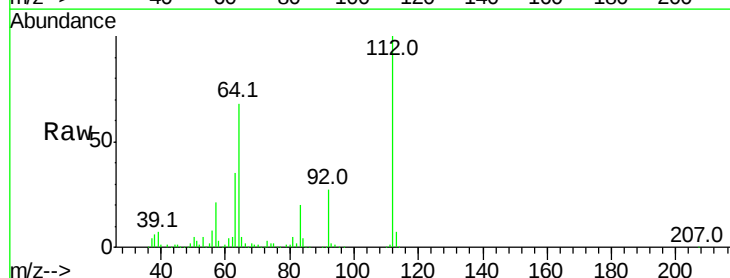
Tgt Ion:112 Resp: 455939

Ion Ratio Lower Upper

112 100

64 68.1 39.7 59.5#

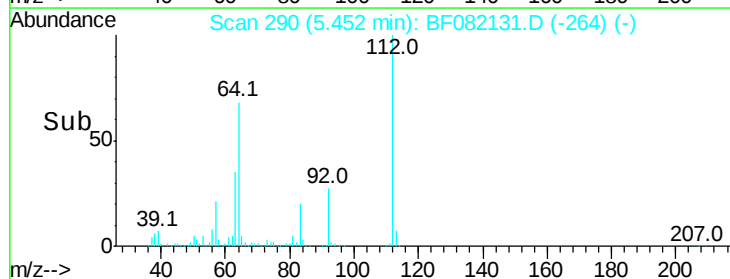
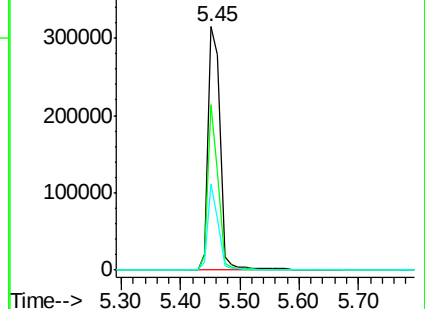
63 35.2 17.4 26.0#



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: 101.44 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21

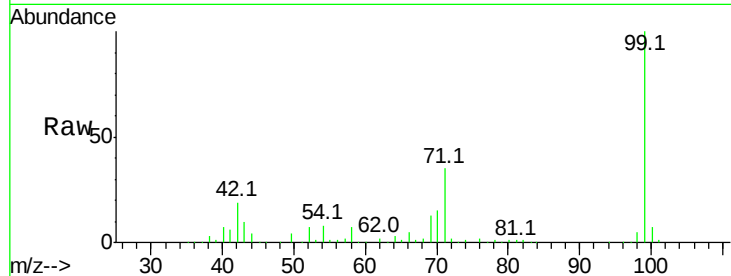
Tot Ion: 99 Resp: 577972

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

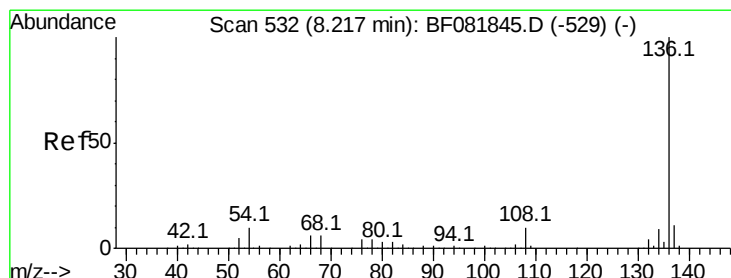
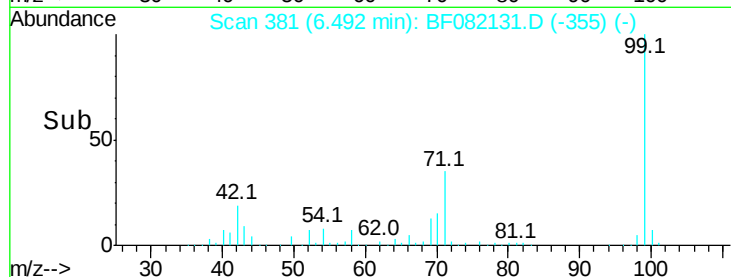
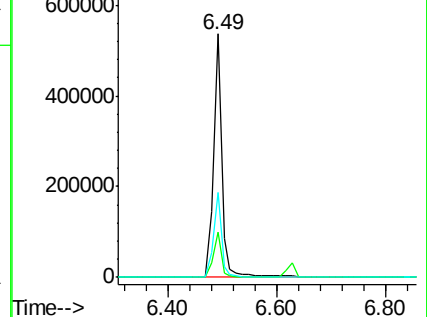
71 34.9 14.2 21.2#



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: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Tgt Ion: 136 Resp: 335154

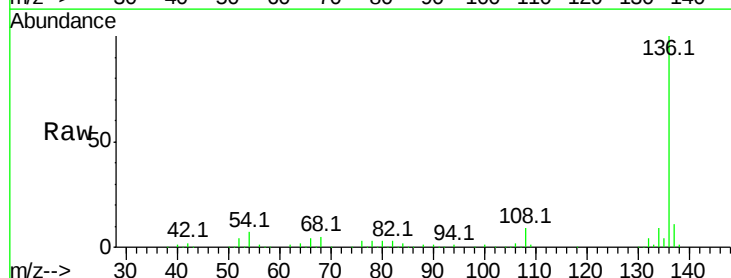
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.4 8.2 12.2#

68 4.8 5.8 8.6#

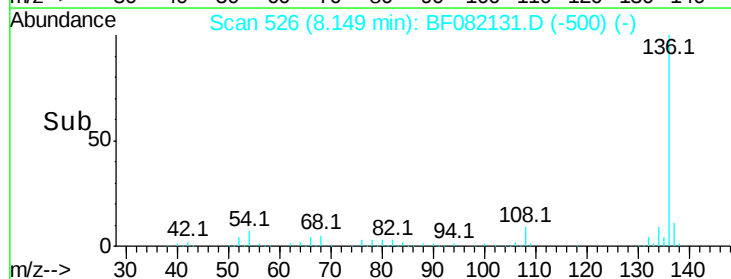
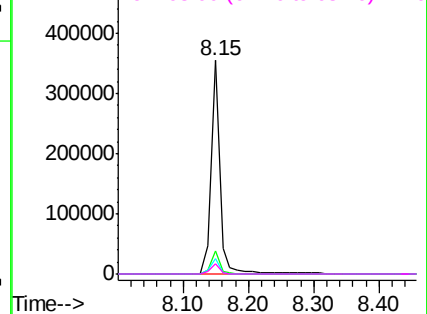


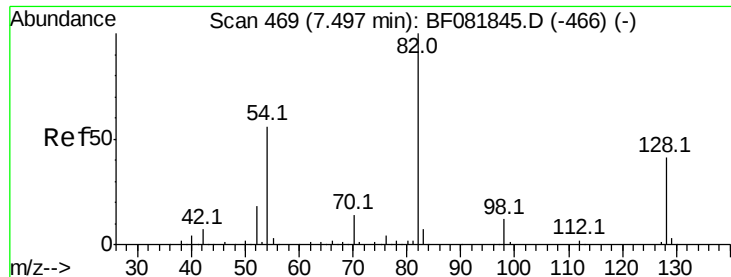
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.50 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21

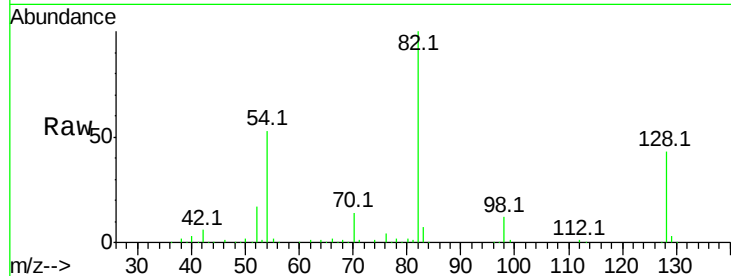
Tot Ion: 82 Resp: 379610

Ion Ratio Lower Upper

82 100

128 43.3 51.0 76.6#

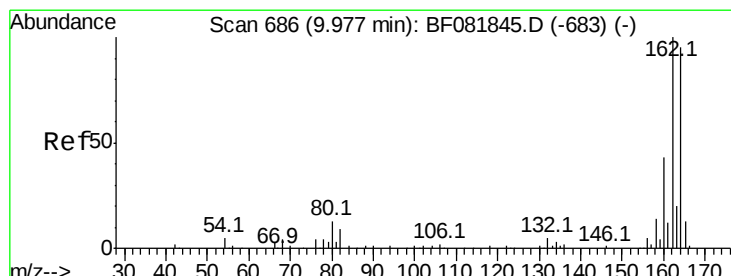
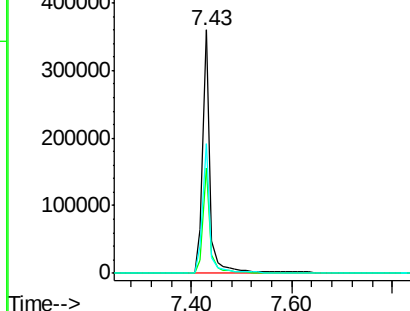
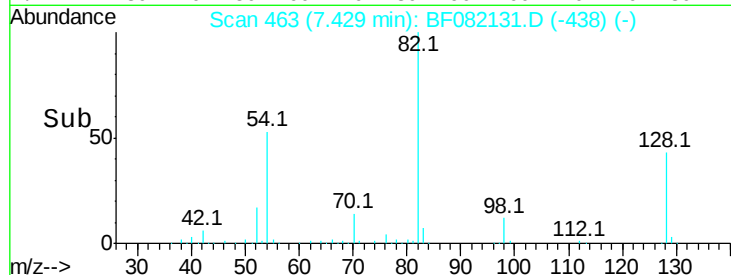
54 53.1 47.5 71.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

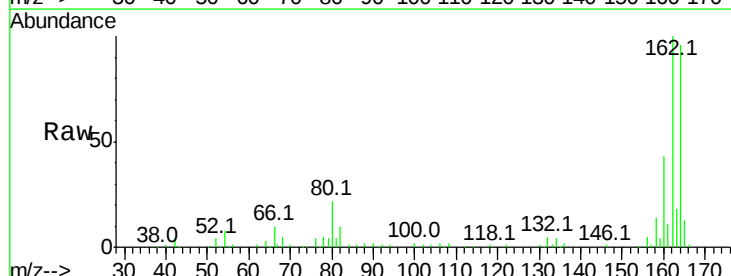
Tgt Ion:164 Resp: 163006

Ion Ratio Lower Upper

164 100

162 104.2 75.2 112.8

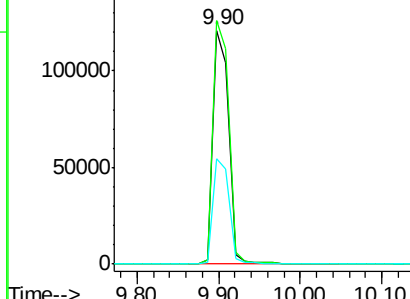
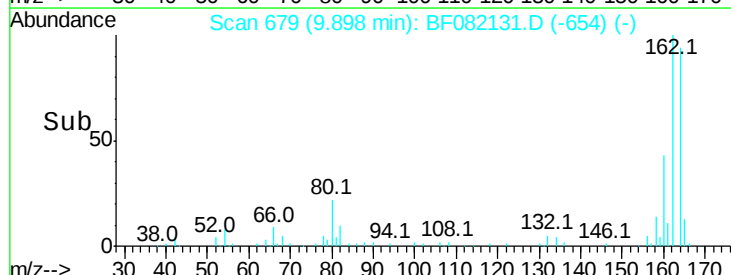
160 44.9 31.5 47.3



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

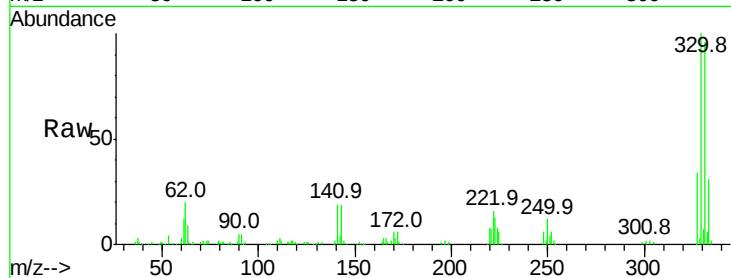




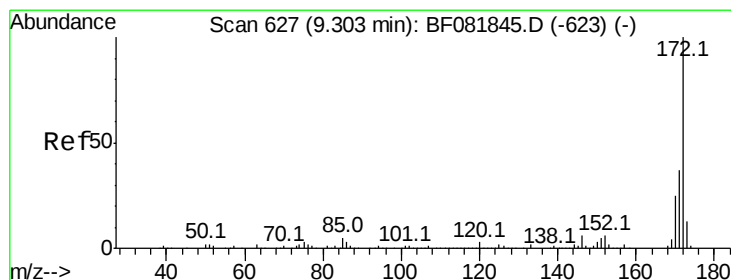
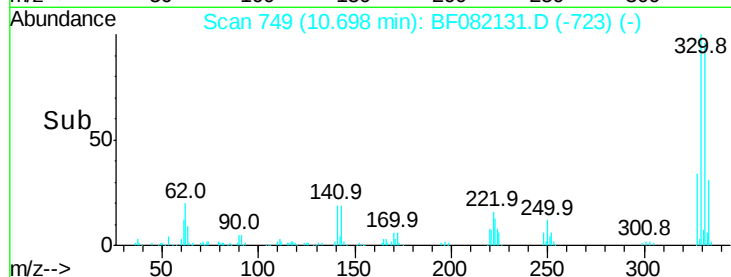
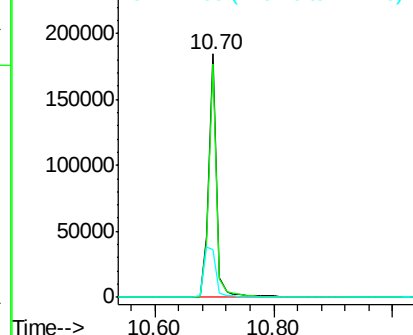
#41
 2,4,6-Tribromophenol
 Concen: 109.04 ng
 RT: 10.70 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF082131.D
 Acq: 8 Oct 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21

Tot Ion:330 Resp: 180012
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 31.3 29.7 44.5

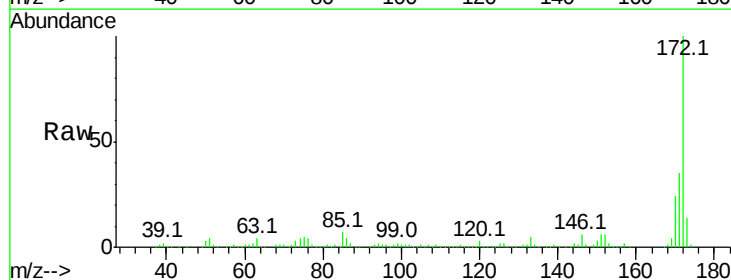


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

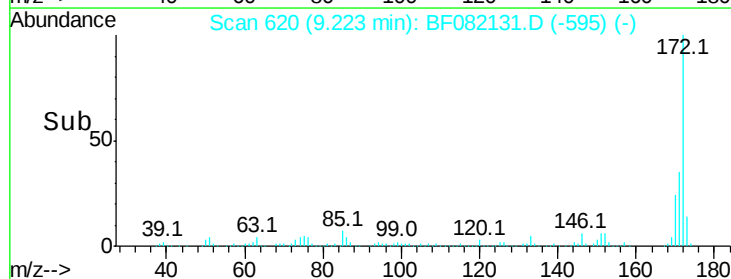
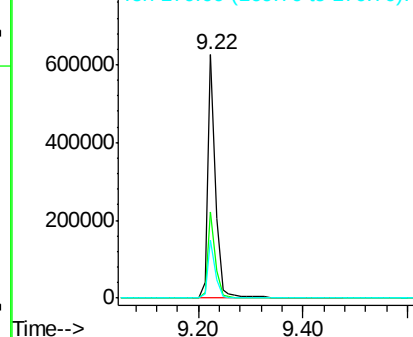


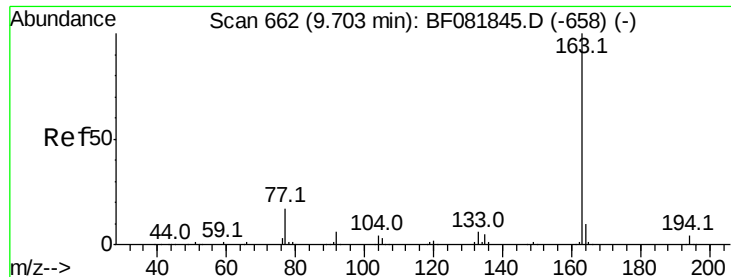
#44
 2-Fluorobiphenyl
 Concen: 63.60 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082131.D
 Acq: 8 Oct 2015 17:05

Tgt Ion:172 Resp: 650635
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.9 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: 11.15 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21

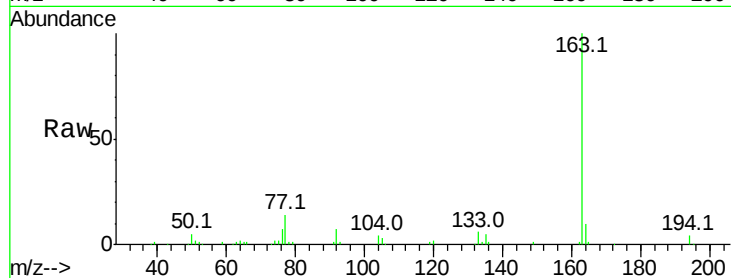
Tot Ion:163 Resp: 125461

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

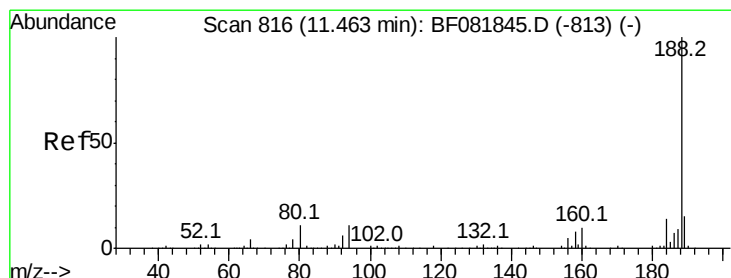
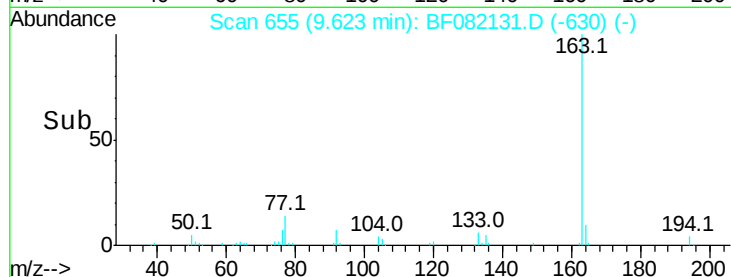
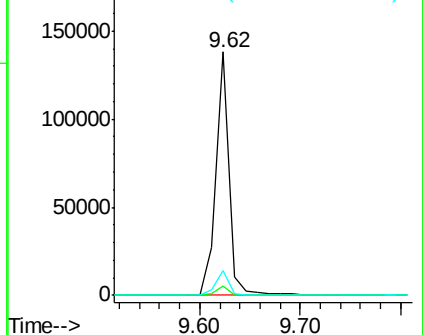
164 10.0 8.3 12.5



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: 11.39 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

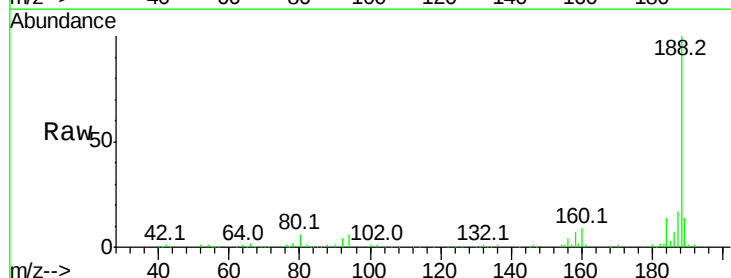
Tgt Ion:188 Resp: 322845

Ion Ratio Lower Upper

188 100

94 6.2 11.1 16.7#

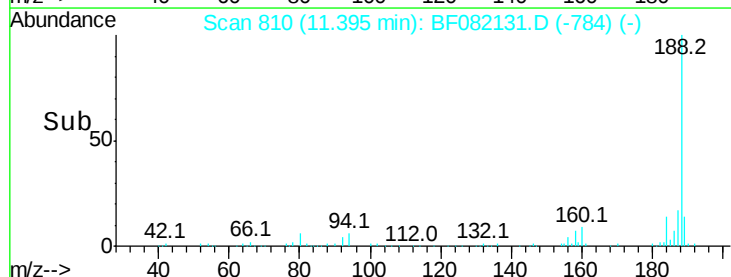
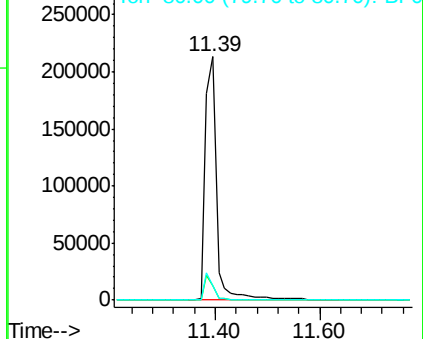
80 6.2 11.0 16.4#

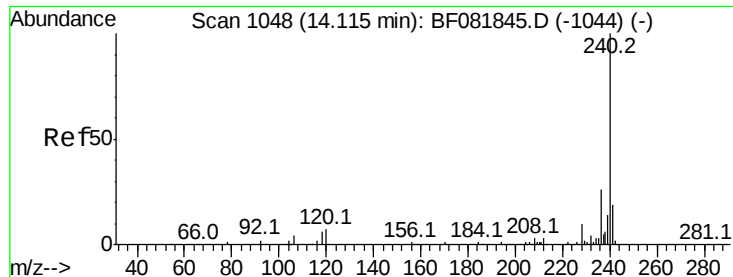


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

Instrument :

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ClientSampleId :

MGP215BR-20-21

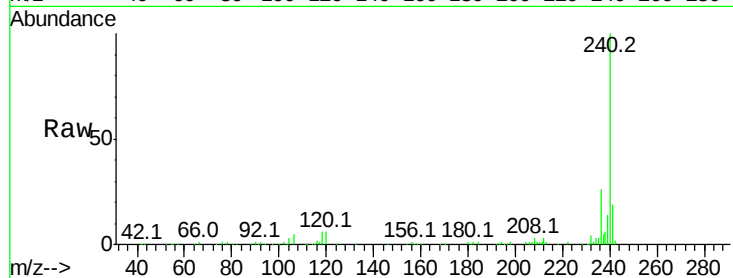
Tot Ion:240 Resp: 321316

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

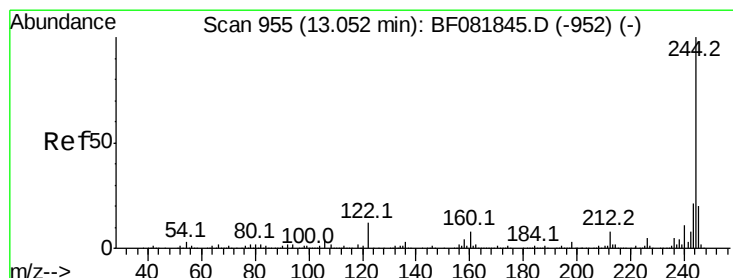
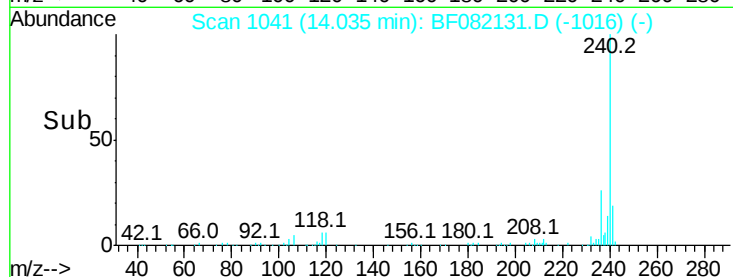
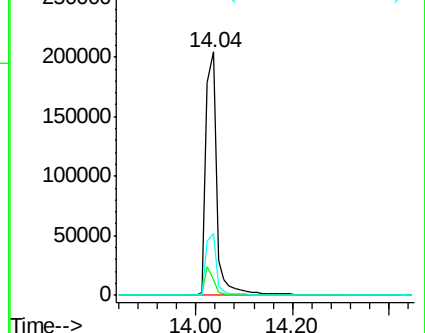
236 25.6 18.4 27.6



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: 69.18 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082131.D

Acq: 8 Oct 2015 17:05

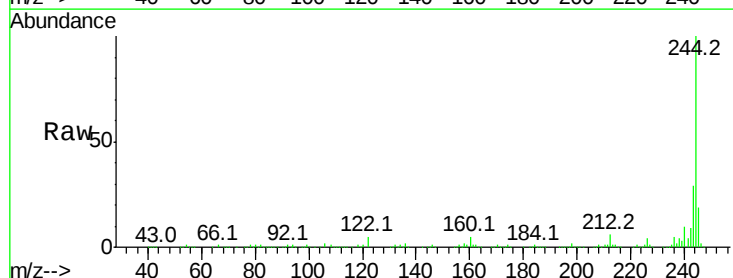
Tgt Ion:244 Resp: 724508

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

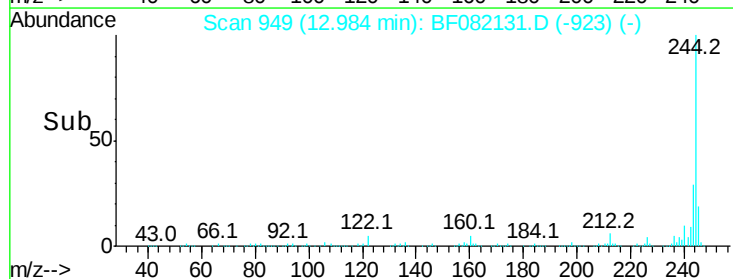
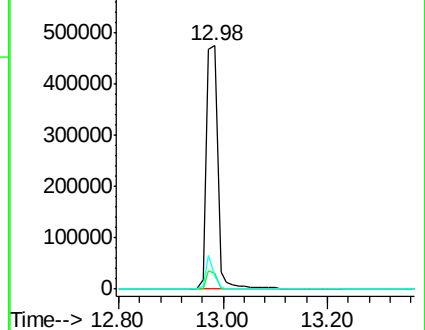
122 5.5 17.4 26.2#

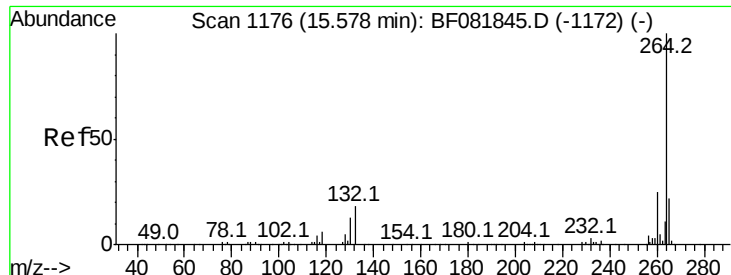


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

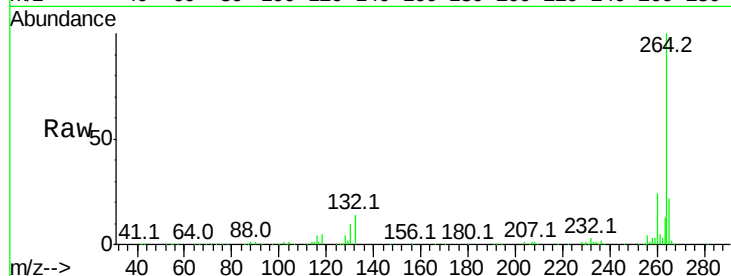




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082131.D
 Acq: 8 Oct 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21

Tot Ion:264 Resp: 244241
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.6 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

