

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081654.D
 Acq On : 16 Sep 2015 18:00
 Operator : UM/IZ
 Sample : G3654-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP203(19-21)

Quant Time: Sep 17 02:13:11 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

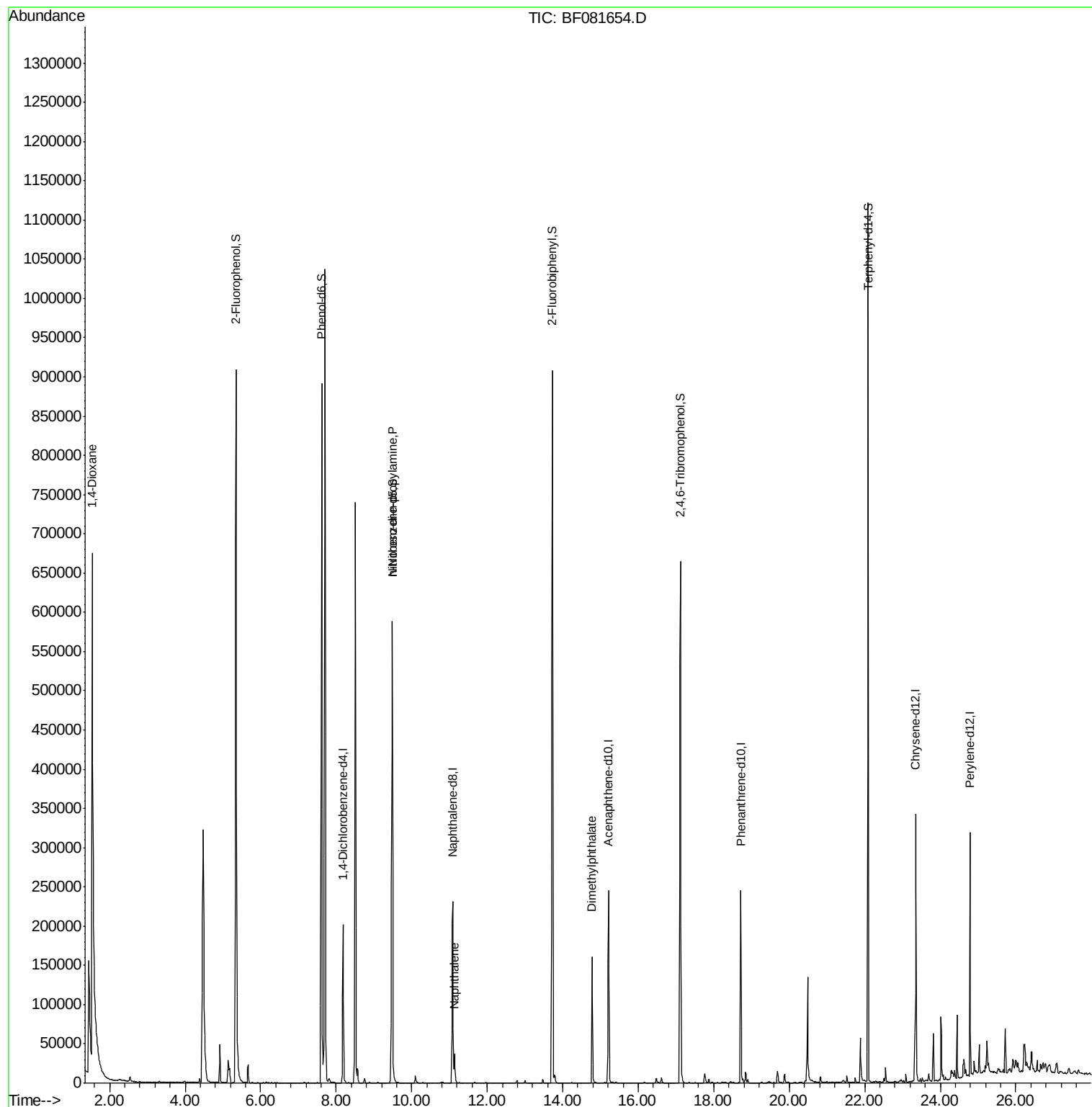
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	47651	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	189214	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	90267	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	184663	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	148103	20.00	ng	-0.03
86) Perylene-d12	24.79	264	110872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	410176	133.55	ng	0.00
7) Phenol-d6	7.61	99	571479	140.57	ng	-0.03
23) Nitrobenzene-d5	9.49	82	377531	96.26	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	123049	153.10	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	567293	80.54	ng	-0.05
78) Terphenyl-d14	22.08	244	528960	83.14	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	39148	28.38	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	50624	18.30	ng	# 67
31) Naphthalene	11.13	128	30860	3.06	ng	96
49) Dimethylphthalate	14.78	163	117525	16.76	ng	# 97

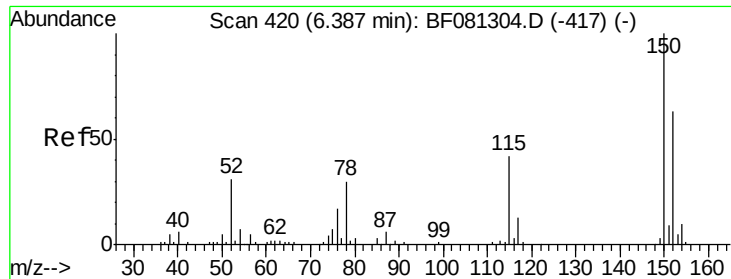
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081654.D

Acq: 16 Sep 2015 18:00

Instrument :

BNA_F

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MGP203(19-21)

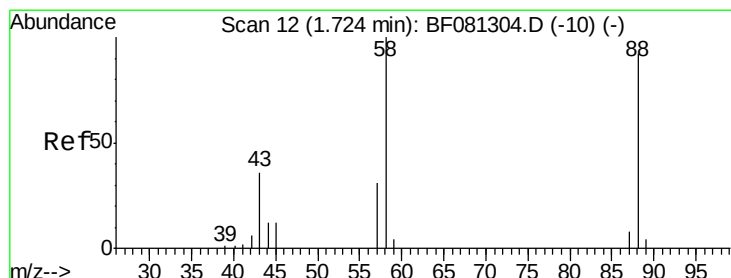
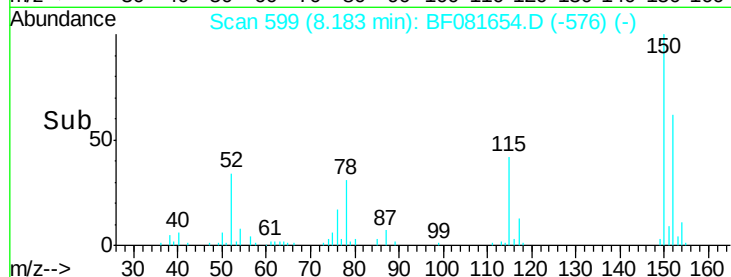
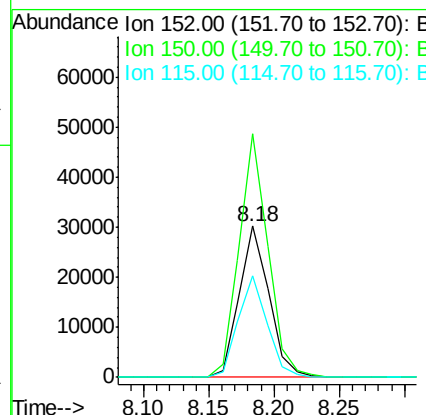
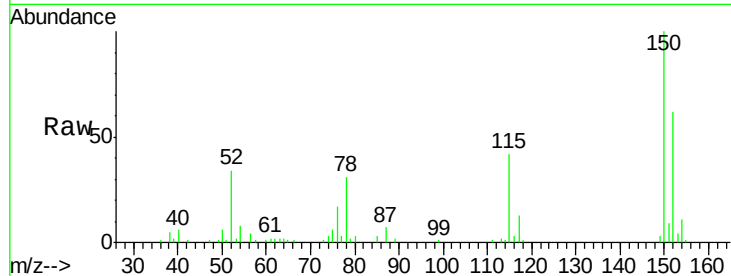
Tgt Ion:152 Resp: 47651

Ion Ratio Lower Upper

152 100

150 161.3 124.7 187.1

115 67.4 39.0 58.4#



#2

1,4-Dioxane

Concen: 28.38 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081654.D

Acq: 16 Sep 2015 18:00

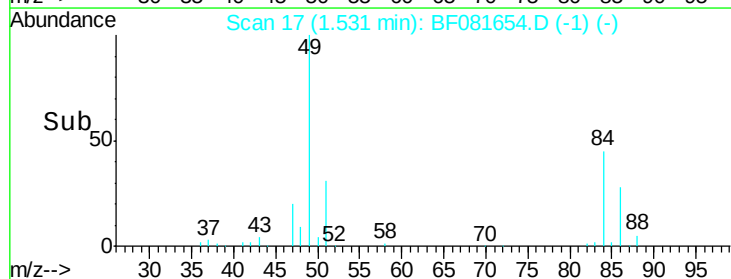
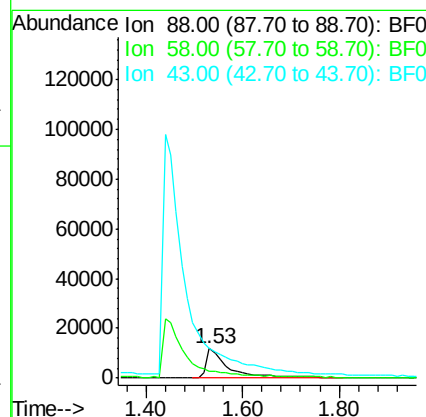
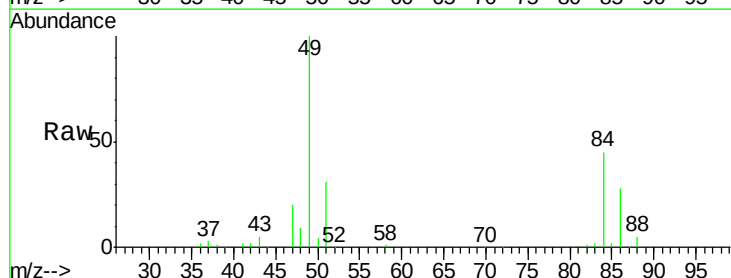
Tgt Ion: 88 Resp: 39148

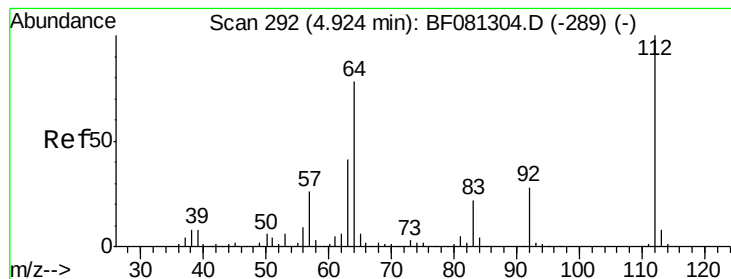
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 133.55 ng

RT: 5.35 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF081654.D

Acq: 16 Sep 2015 18:00

Instrument :

BNA_F

ClientSampleId :

MGP203(19-21)

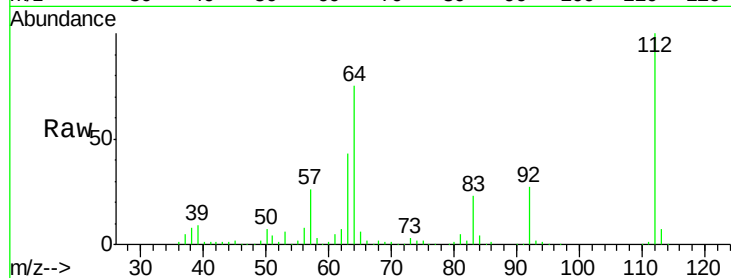
Tgt Ion: 112 Resp: 410176

Ion Ratio Lower Upper

112 100

64 75.2 39.7 59.5#

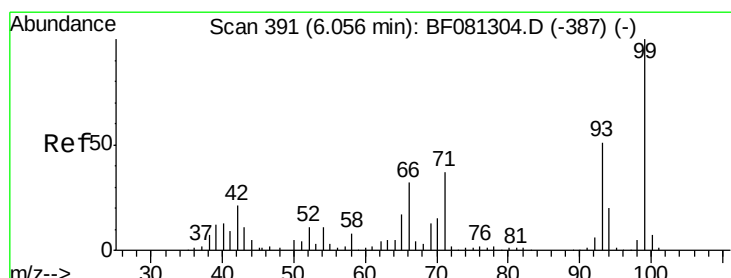
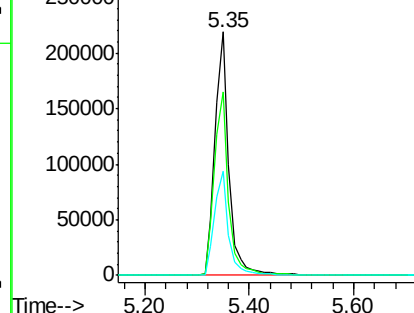
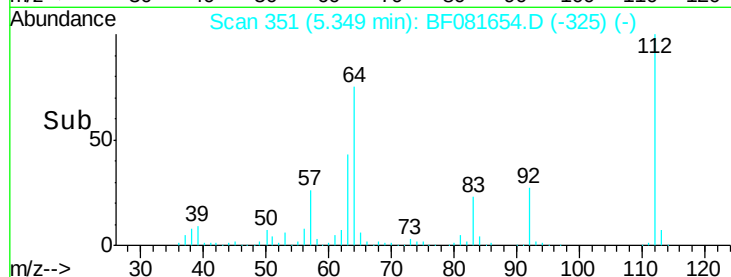
63 42.6 17.4 26.0#



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: 140.57 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081654.D

Acq: 16 Sep 2015 18:00

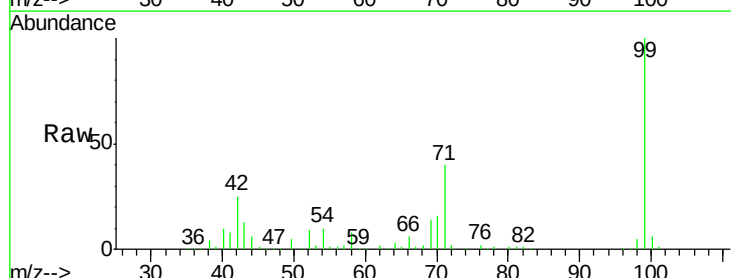
Tgt Ion: 99 Resp: 571479

Ion Ratio Lower Upper

99 100

42 25.1 13.7 20.5#

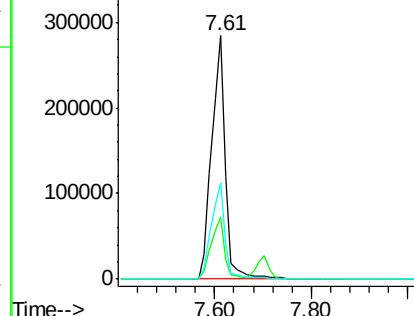
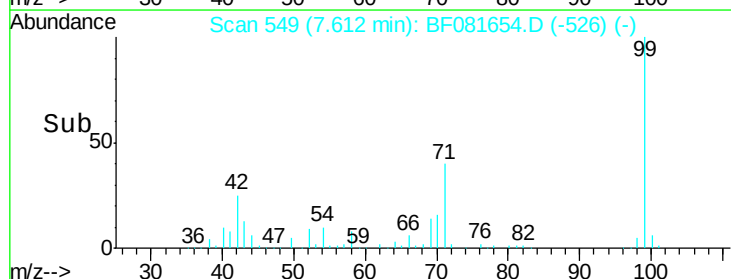
71 39.8 14.2 21.2#

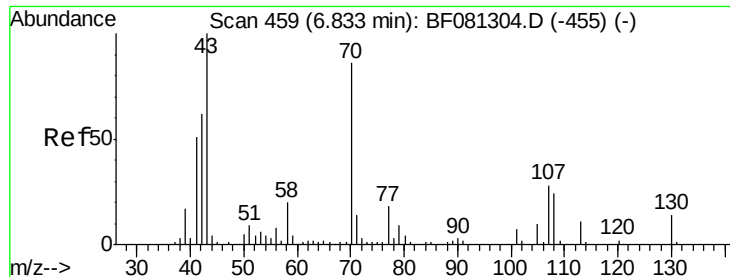


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

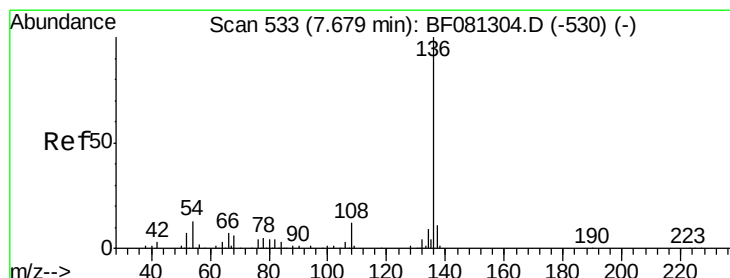
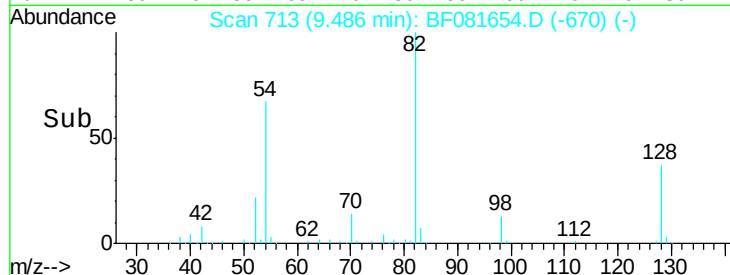
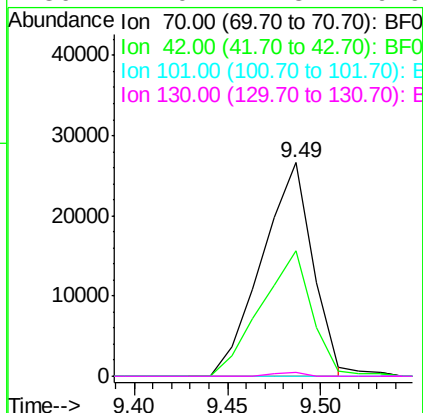
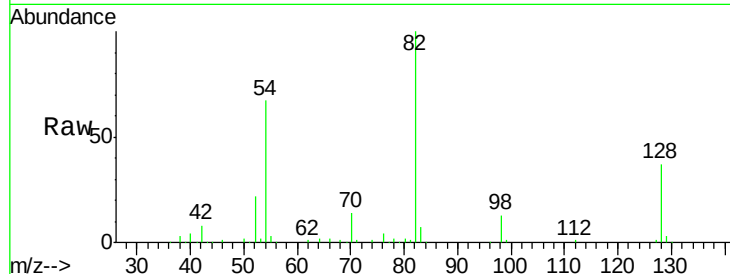




#19
n-Nitroso-di-n-propylamine
Concen: 18.30 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

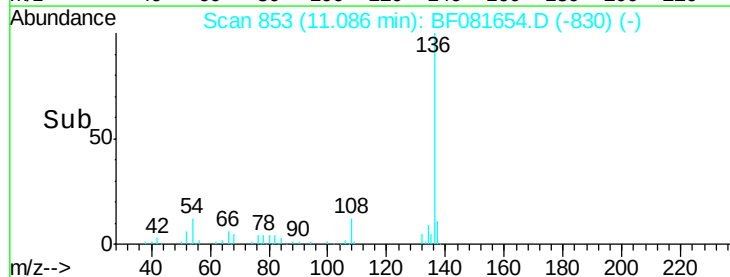
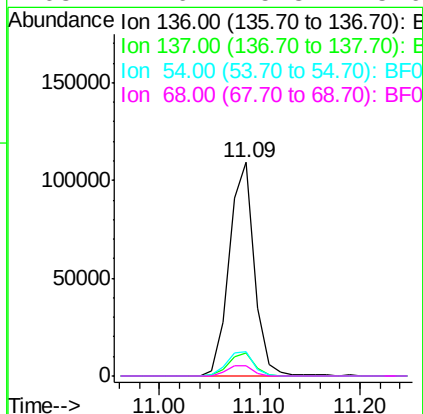
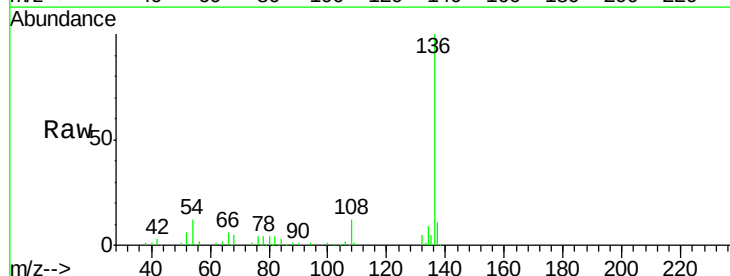
Instrument :
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MGP203(19-21)

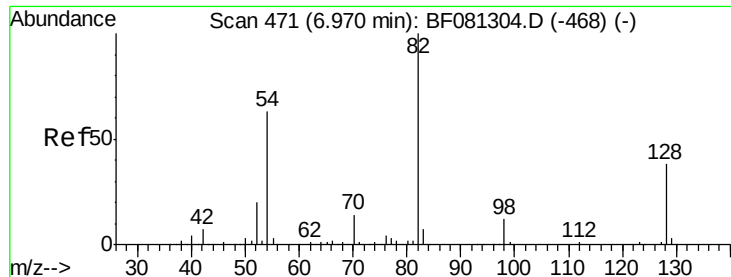
Tgt Ion: 70 Resp: 50624
Ion Ratio Lower Upper
70 100
42 58.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Tgt Ion: 136 Resp: 189214
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.5 8.2 12.2
68 4.6 5.8 8.6#

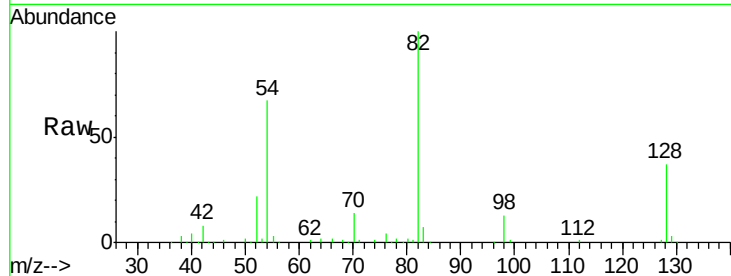




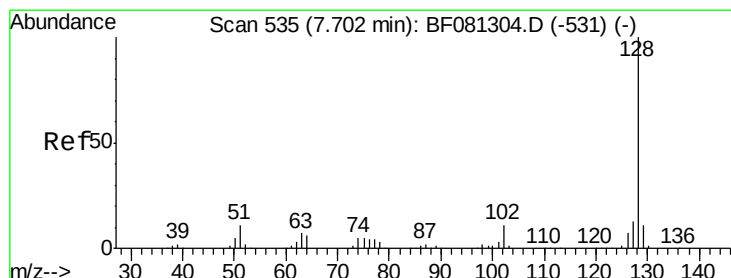
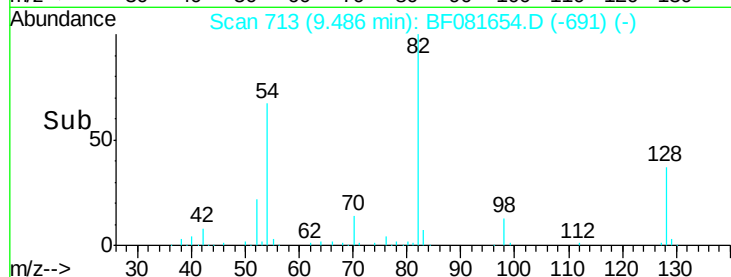
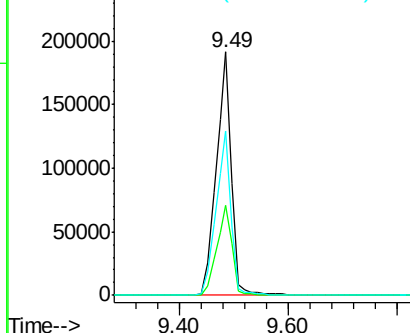
#23
Nitrobenzene-d5
Concen: 96.26 ng
RT: 9.49 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Instrument :
BNA_F
ClientSampleId :
MGP203(19-21)

Tgt Ion: 82 Resp: 377531
Ion Ratio Lower Upper
82 100
128 36.7 51.0 76.6#
54 67.5 47.5 71.3

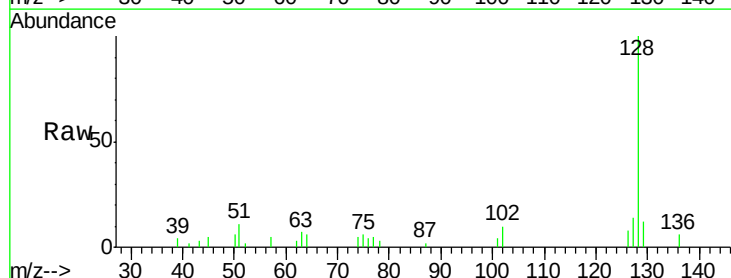


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

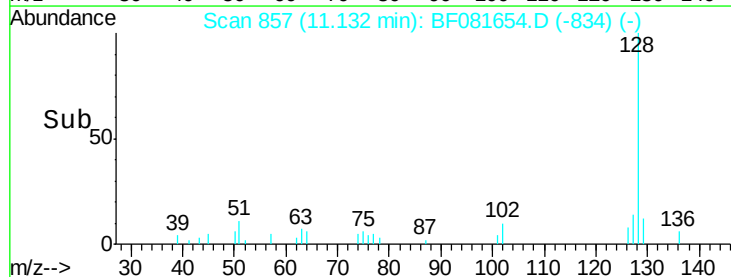
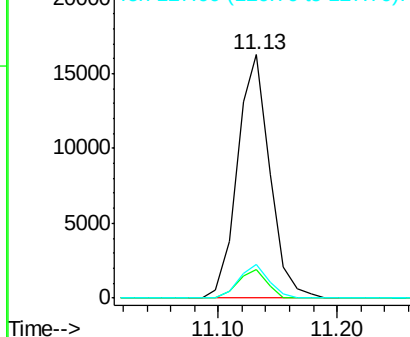


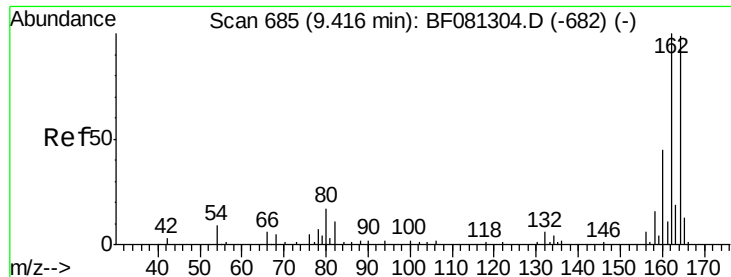
#31
Naphthalene
Concen: 3.06 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Tgt Ion: 128 Resp: 30860
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.9 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

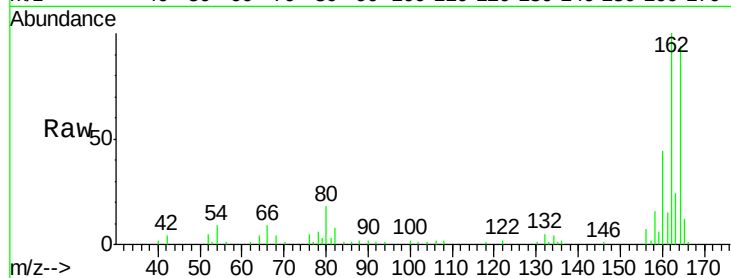




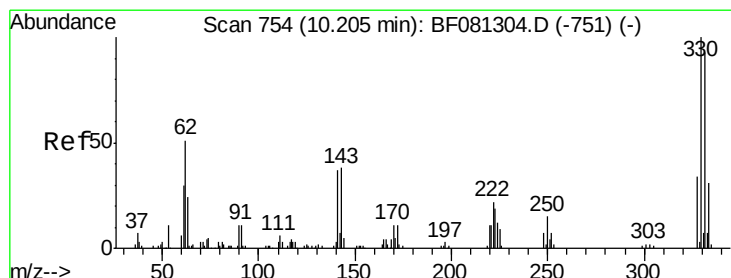
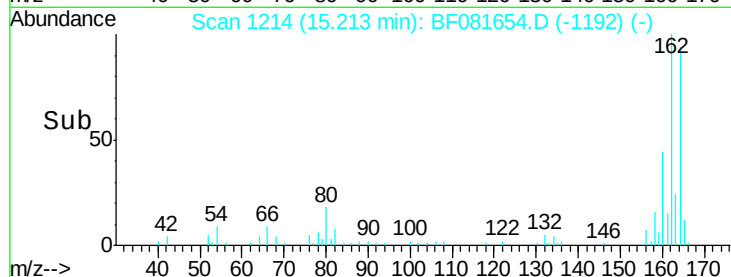
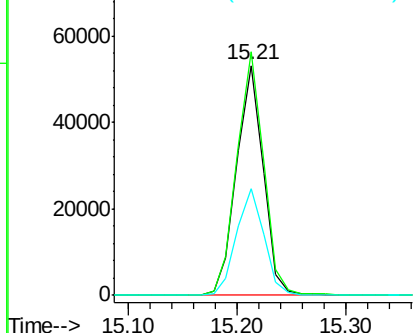
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081654.D
 Acq: 16 Sep 2015 18:00

Instrument :
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 ClientSampleId :
 MGP203(19-21)

Tgt Ion:164 Resp: 90267
 Ion Ratio Lower Upper
 164 100
 162 106.0 75.2 112.8
 160 46.6 31.5 47.3

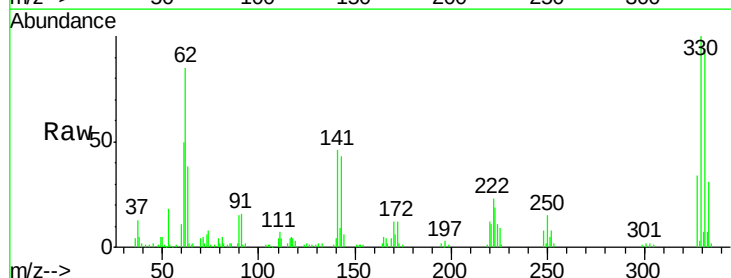


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

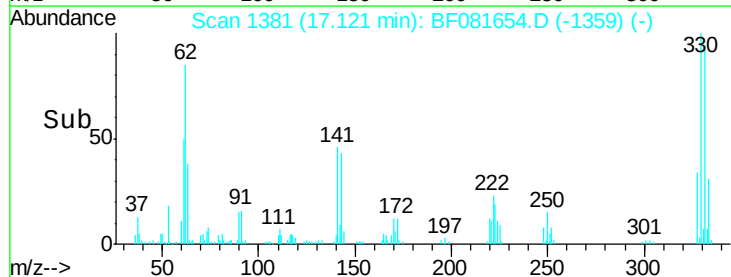
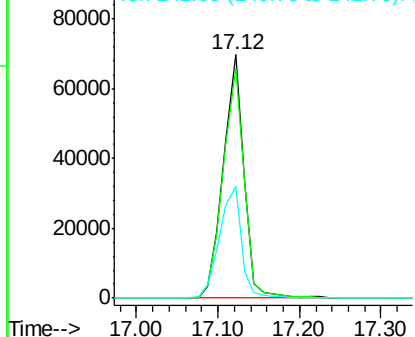


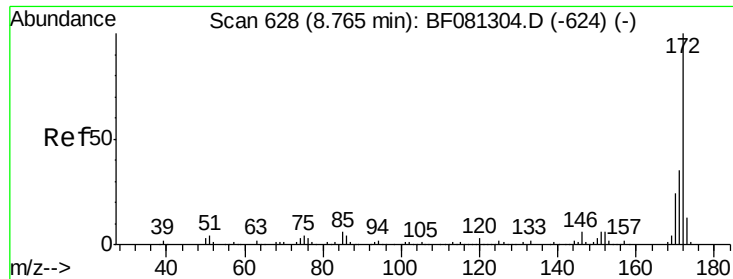
#41
 2,4,6-Tribromophenol
 Concen: 153.10 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081654.D
 Acq: 16 Sep 2015 18:00

Tgt Ion:330 Resp: 123049
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 48.5 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

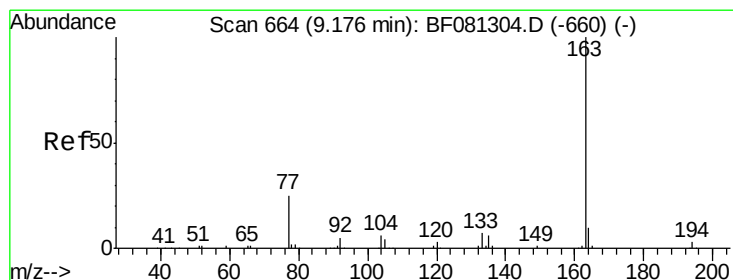
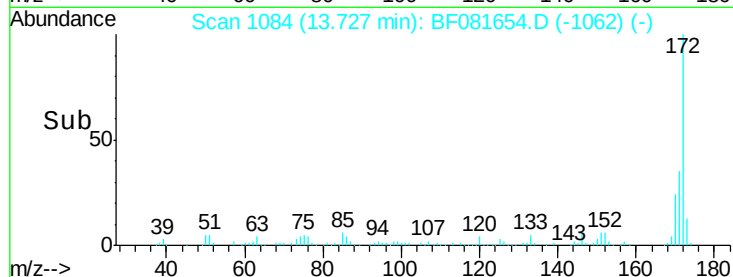
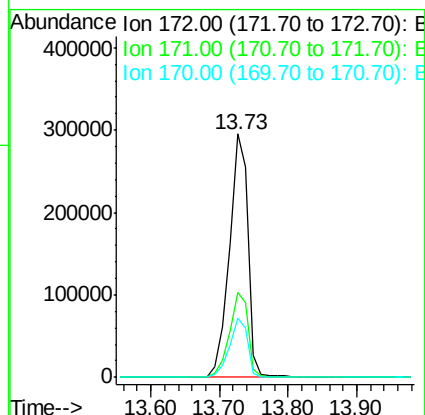
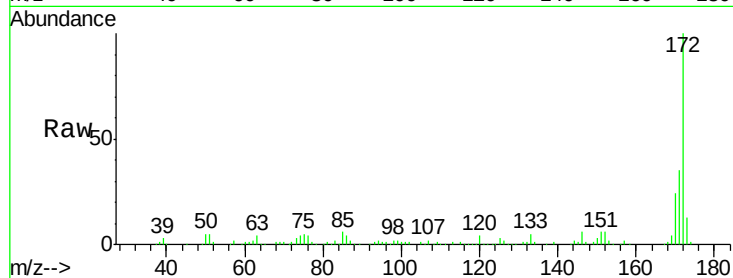




#44
2-Fluorobiphenyl
Concen: 80.54 ng
RT: 13.73 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

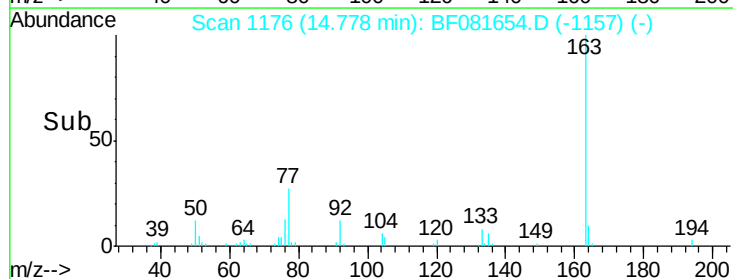
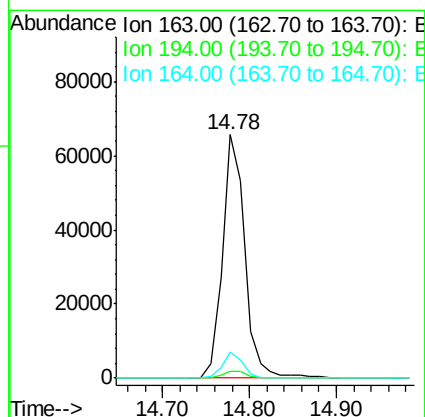
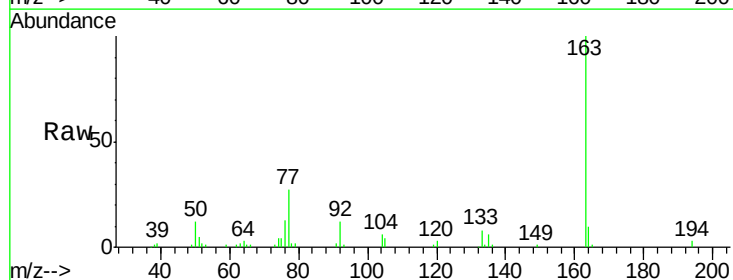
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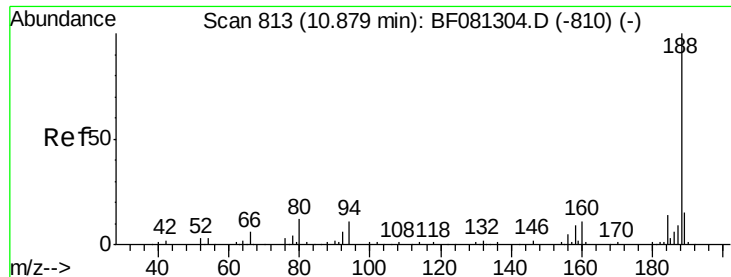
Tgt Ion:172 Resp: 567293
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 24.2 17.4 26.2



#49
Dimethylphthalate
Concen: 16.76 ng
RT: 14.78 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Tgt Ion:163 Resp: 117525
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.5 8.3 12.5

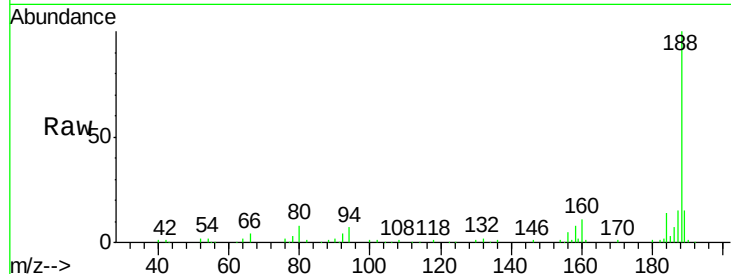




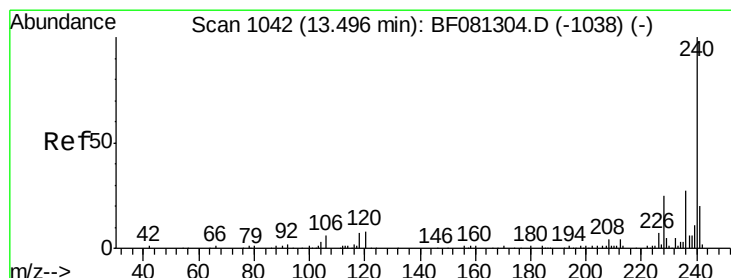
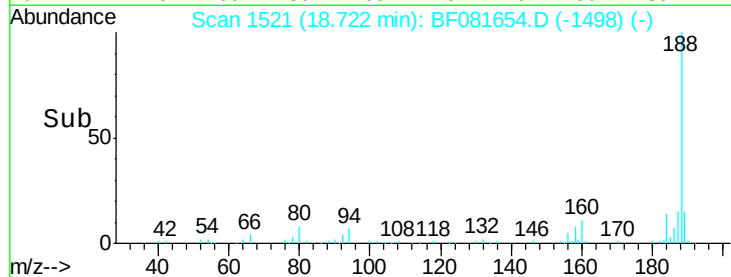
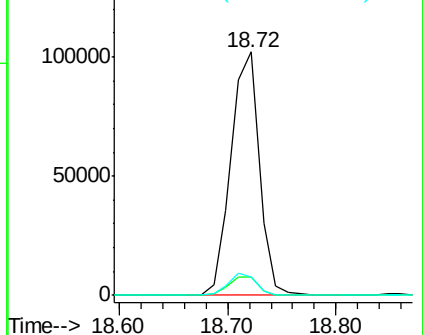
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Instrument :
BNA_F
ClientSampleId :
MGP203(19-21)

Tgt Ion:188 Resp: 184663
Ion Ratio Lower Upper
188 100
94 7.4 11.1 16.7#
80 7.8 11.0 16.4#

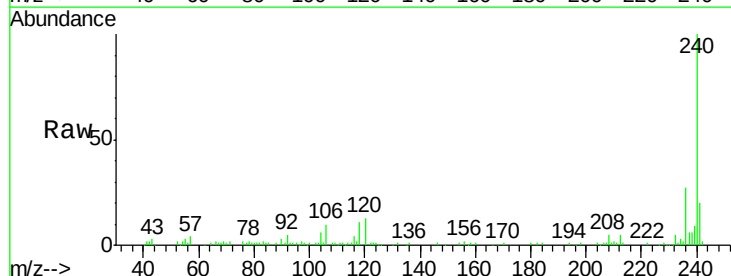


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

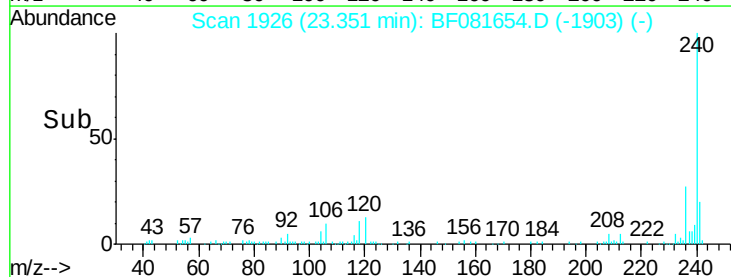
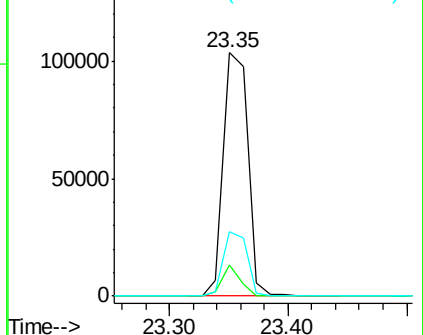


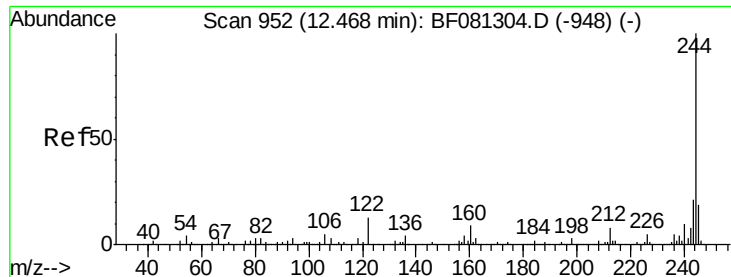
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081654.D
Acq: 16 Sep 2015 18:00

Tgt Ion:240 Resp: 148103
Ion Ratio Lower Upper
240 100
120 12.5 16.2 24.2#
236 26.5 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

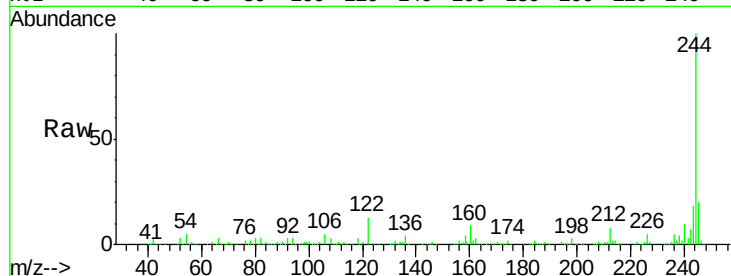




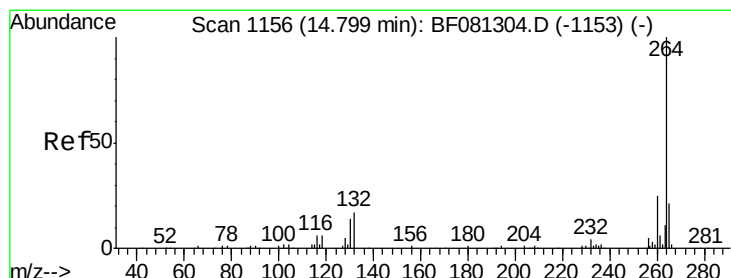
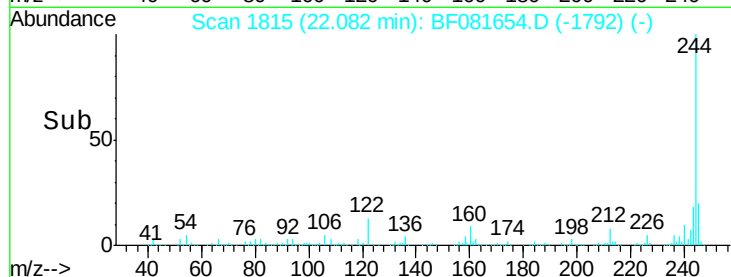
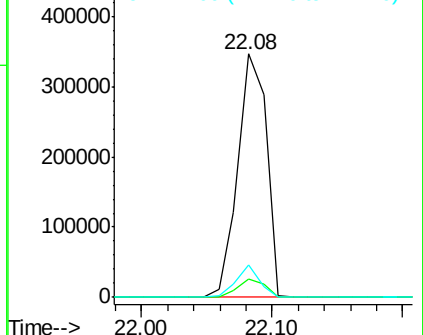
#78
 Terphenyl-d14
 Concen: 83.14 ng
 RT: 22.08 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF081654.D
 Acq: 16 Sep 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MGP203(19-21)

Tgt Ion: 244 Resp: 528960
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 13.1 17.4 26.2#

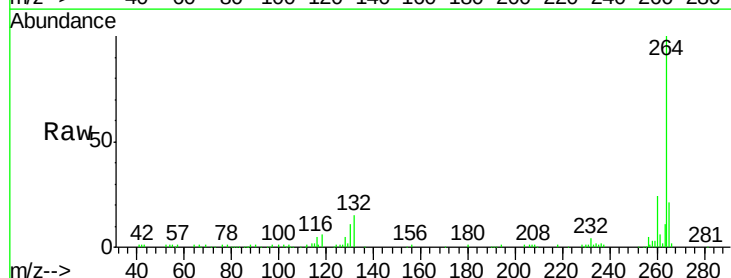


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081654.D
 Acq: 16 Sep 2015 18:00

Tgt Ion: 264 Resp: 110872
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.1 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

