

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081657.D
 Acq On : 16 Sep 2015 19:51
 Operator : UM/IZ
 Sample : G3664-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

Quant Time: Sep 17 02:14:06 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

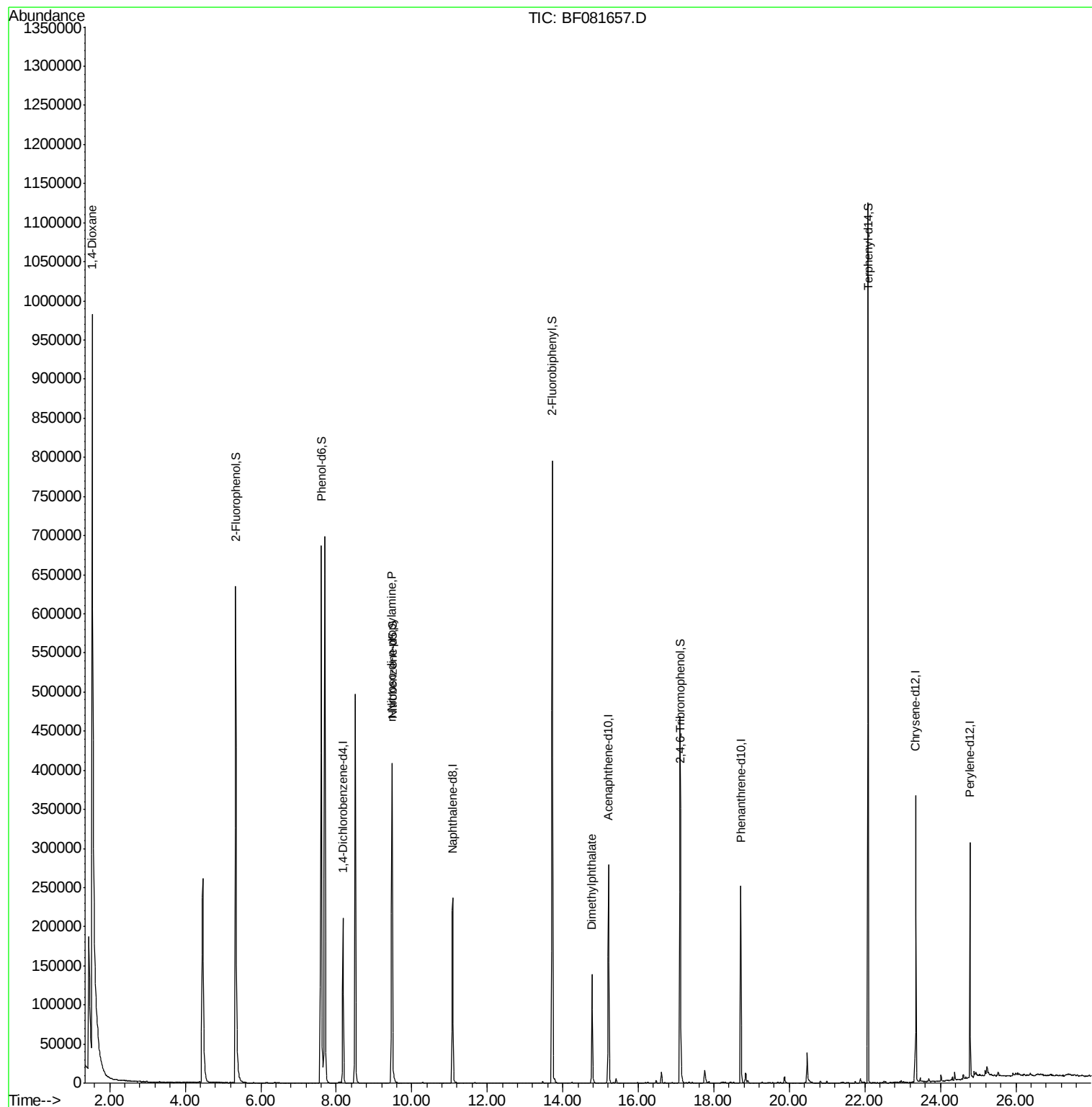
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50448	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	205995	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	99138	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	198696	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	157100	20.00	ng	-0.03
86) Perylene-d12	24.79	264	112455	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	291252	89.57	ng	-0.01
7) Phenol-d6	7.60	99	406234	94.39	ng	-0.05
23) Nitrobenzene-d5	9.49	82	273129	63.97	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	83821	94.96	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	447989	57.91	ng	-0.05
78) Terphenyl-d14	22.08	244	411056	60.91	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	59772	40.93	ng	# 11
19) n-Nitroso-di-n-propylamine	9.47	70	36314	12.40	ng	# 65
49) Dimethylphthalate	14.78	163	98724	12.82	ng	# 97

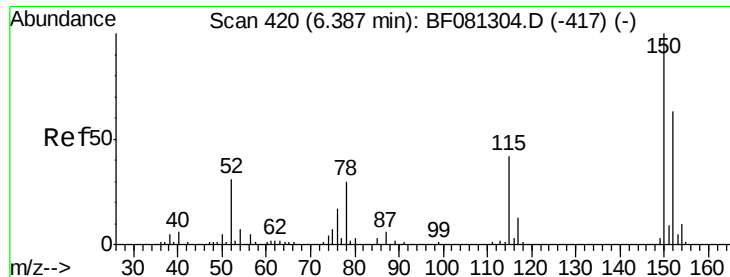
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081657.D
Acq On : 16 Sep 2015 19:51
Operator : UM/IZ
Sample : G3664-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-2(0-5)

Quant Time: Sep 17 02:14:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

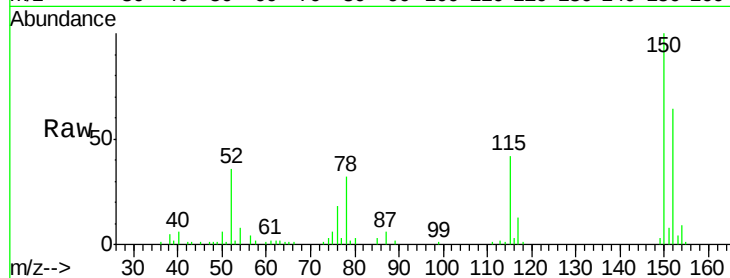
Tgt Ion:152 Resp: 50448

Ion Ratio Lower Upper

152 100

150 156.3 124.7 187.1

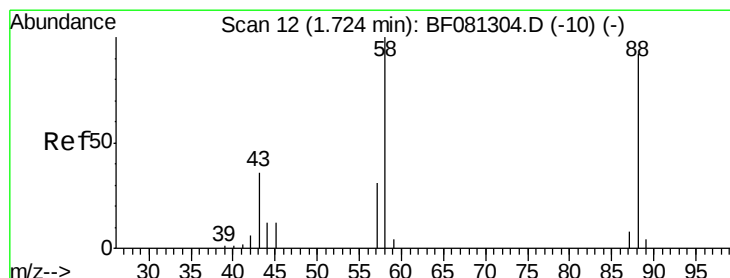
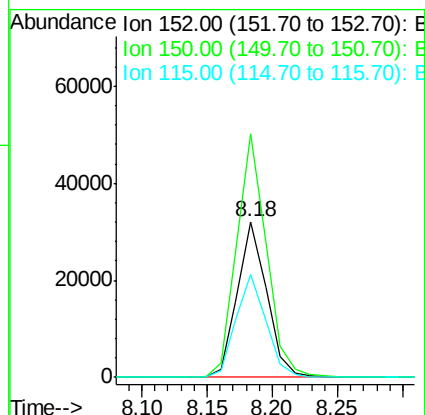
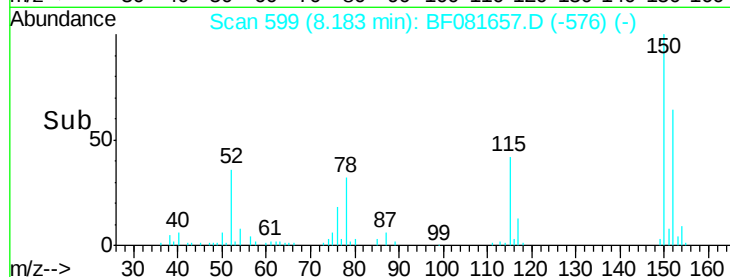
115 66.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 40.93 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

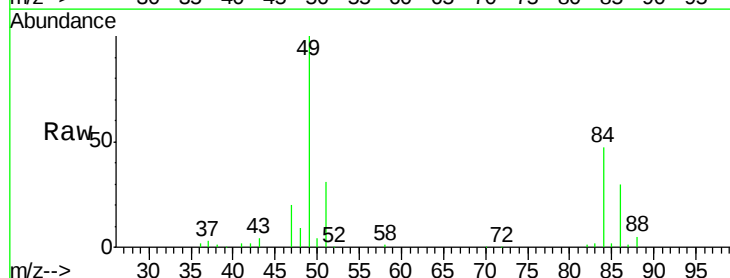
Tgt Ion: 88 Resp: 59772

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

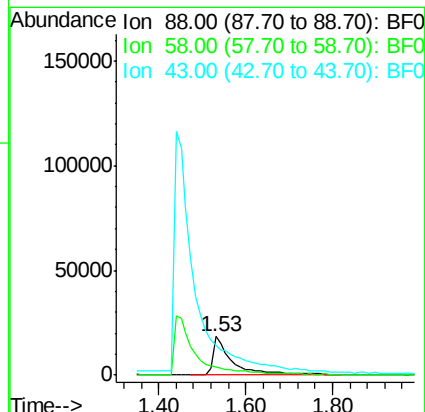
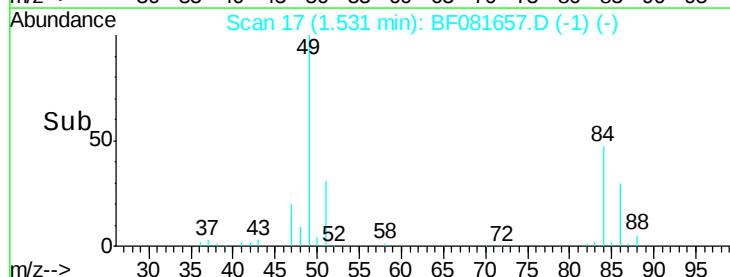
43 0.0 26.6 40.0#

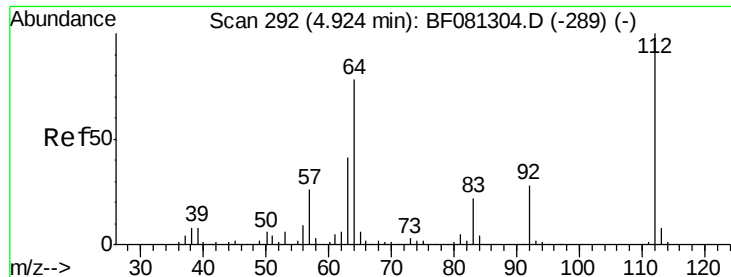


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 89.57 ng

RT: 5.34 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

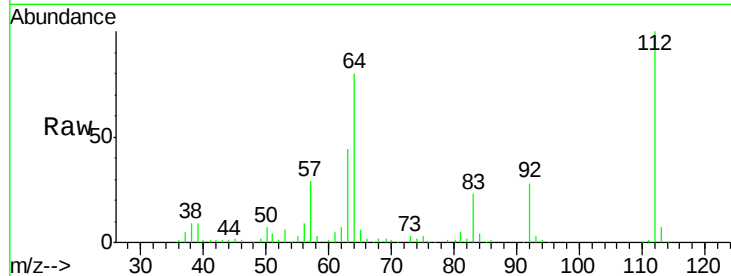
Tgt Ion: 112 Resp: 291252

Ion Ratio Lower Upper

112 100

64 80.0 39.7 59.5#

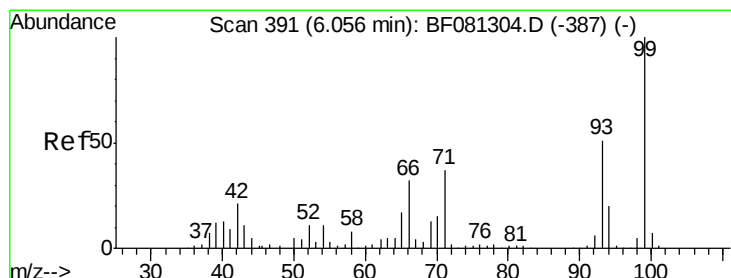
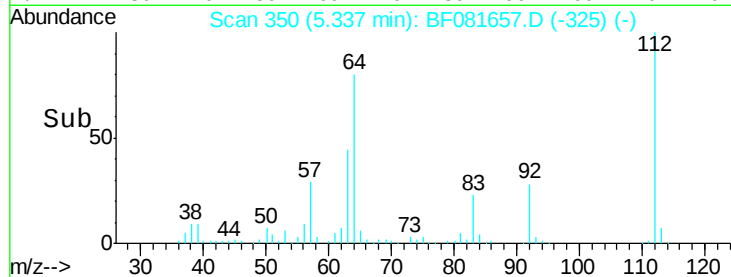
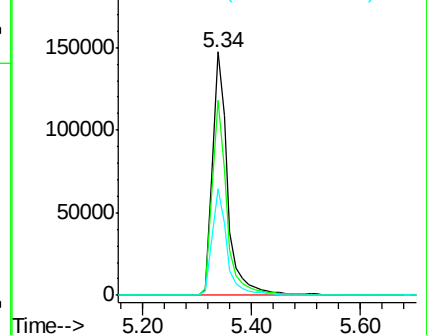
63 43.9 17.4 26.0#



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: 94.39 ng

RT: 7.60 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

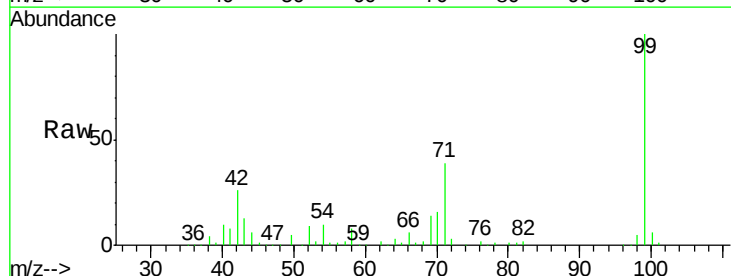
Tgt Ion: 99 Resp: 406234

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

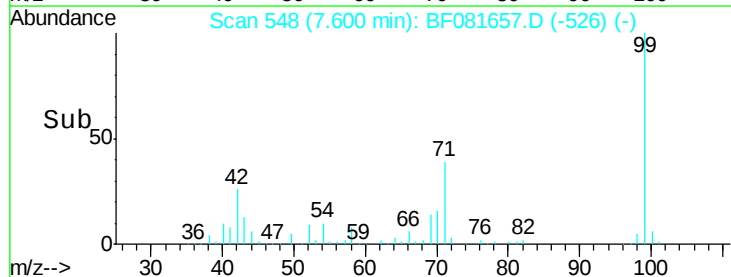
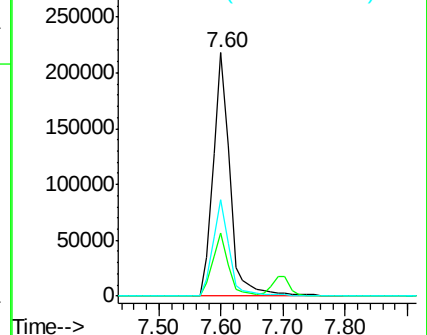
71 39.4 14.2 21.2#

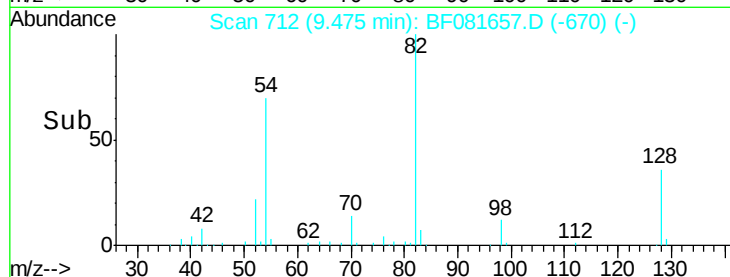
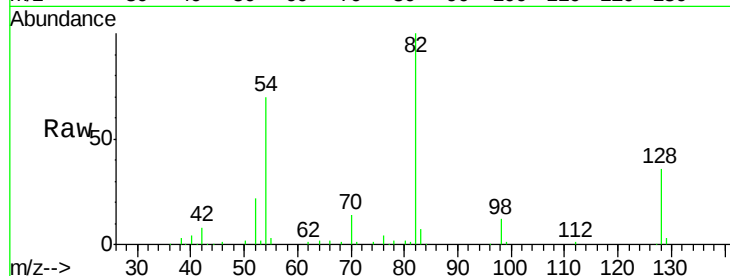
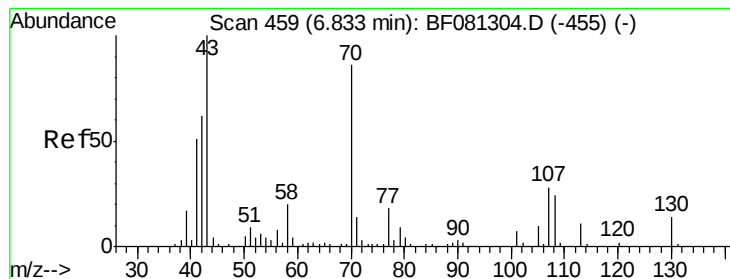


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 12.40 ng

RT: 9.47 min Scan# 712

Delta R.T. 0.18 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

Tgt Ion: 70 Resp: 36314

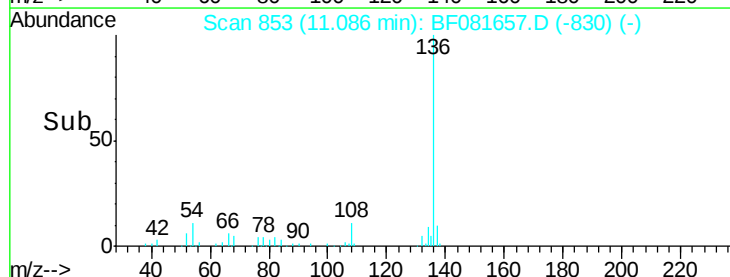
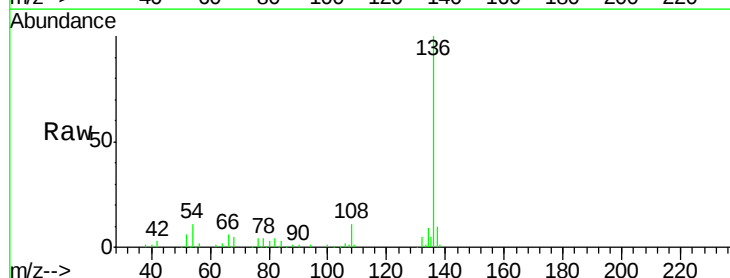
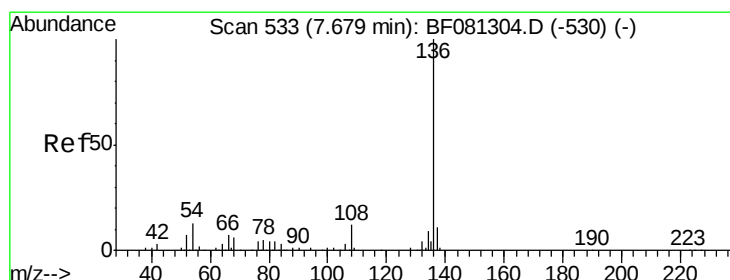
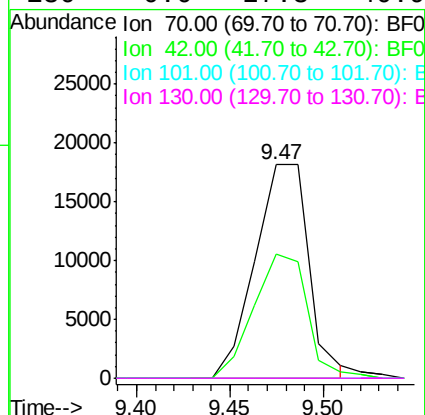
Ion Ratio Lower Upper

70 100

42 57.9 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 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: BF081657.D

Acq: 16 Sep 2015 19:51

Tgt Ion: 136 Resp: 205995

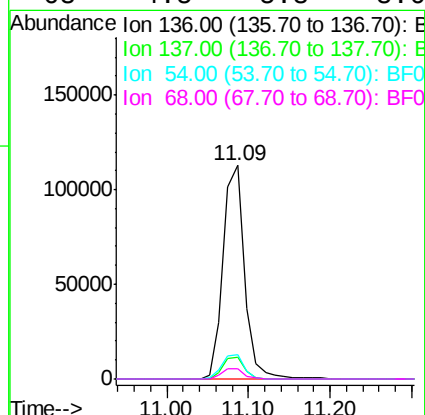
Ion Ratio Lower Upper

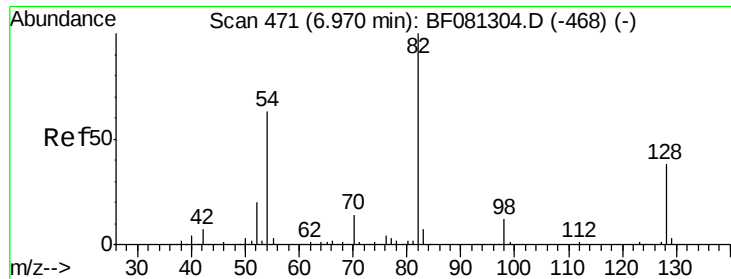
136 100

137 10.3 9.0 13.6

54 11.2 8.2 12.2

68 4.5 5.8 8.6#

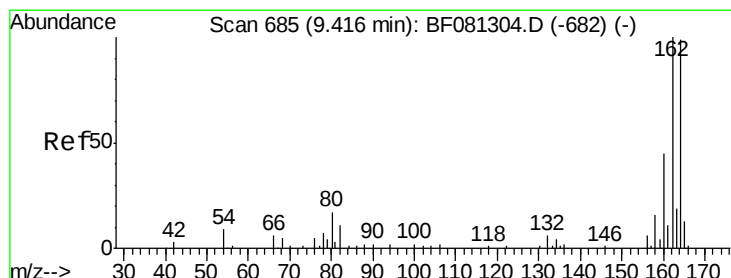
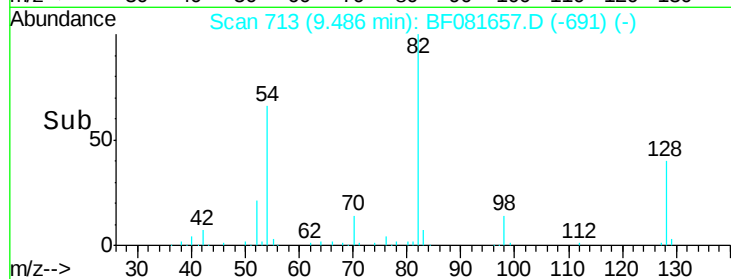
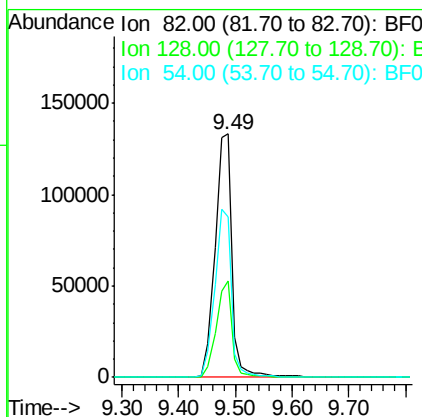
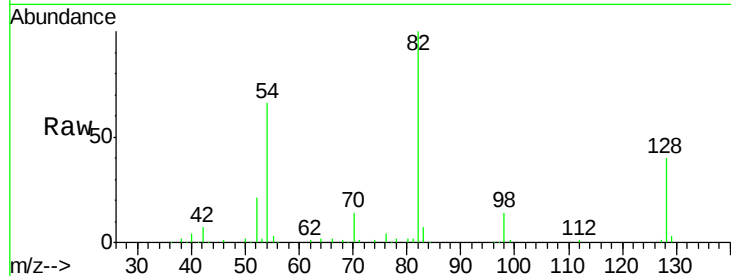




#23
 Nitrobenzene-d5
 Concen: 63.97 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

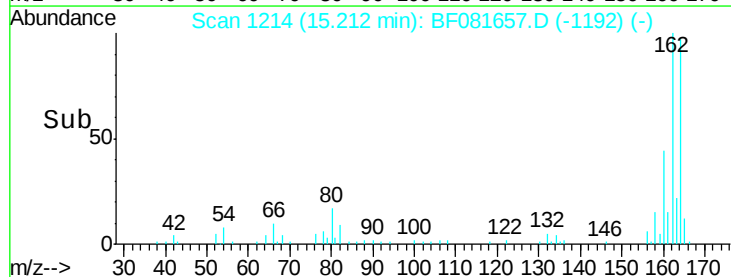
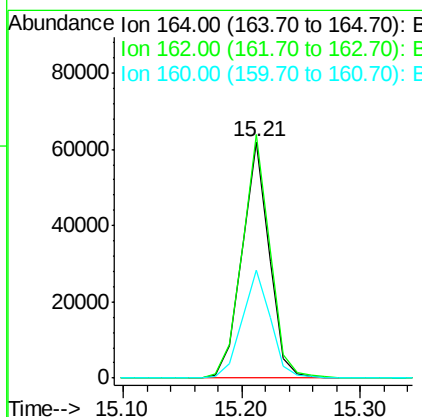
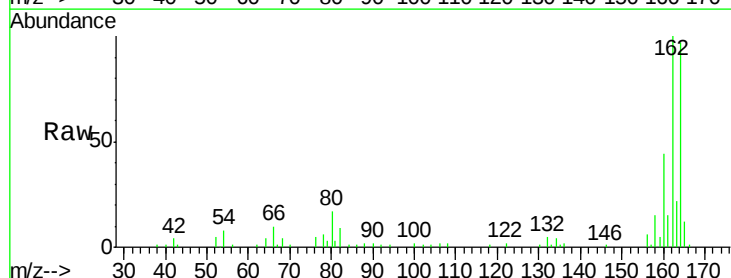
Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

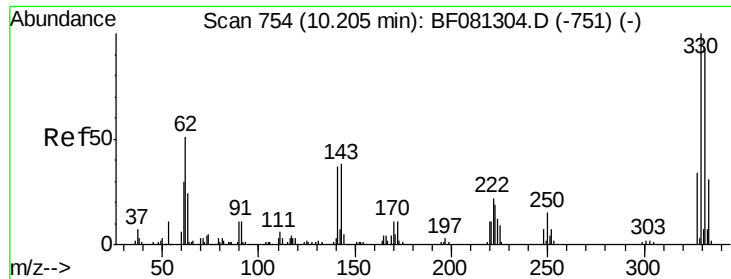
Tgt Ion: 82 Resp: 273129
 Ion Ratio Lower Upper
 82 100
 128 39.5 51.0 76.6#
 54 65.7 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

Tgt Ion: 164 Resp: 99138
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 45.4 31.5 47.3

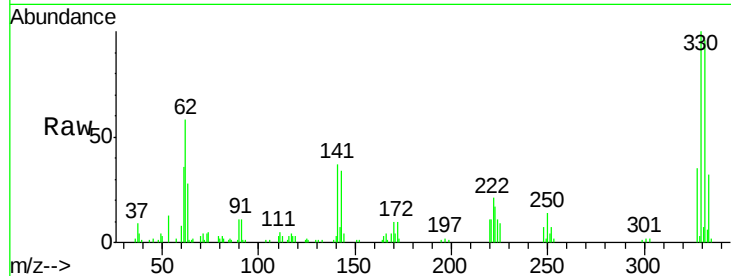




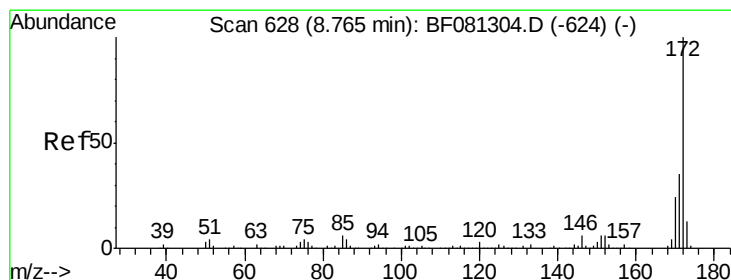
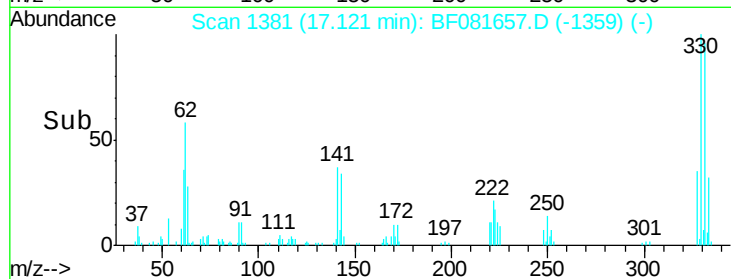
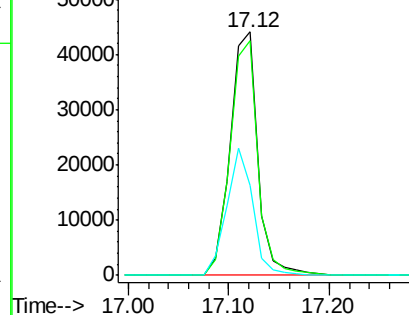
#41
 2,4,6-Tribromophenol
 Concen: 94.96 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

Tgt Ion: 330 Resp: 83821
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 49.4 29.7 44.5#

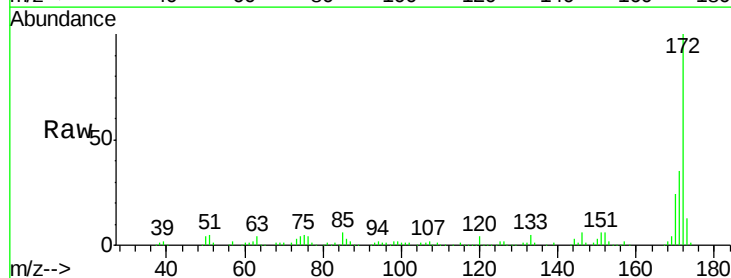


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

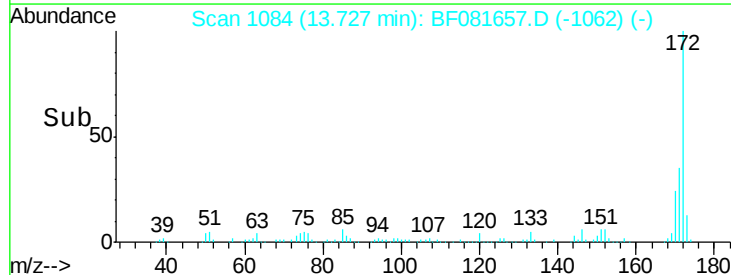
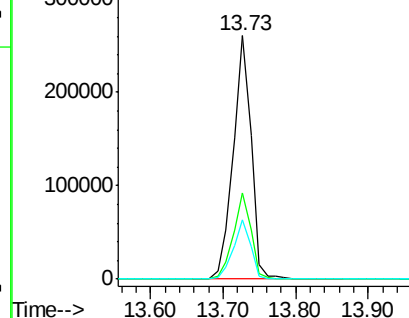


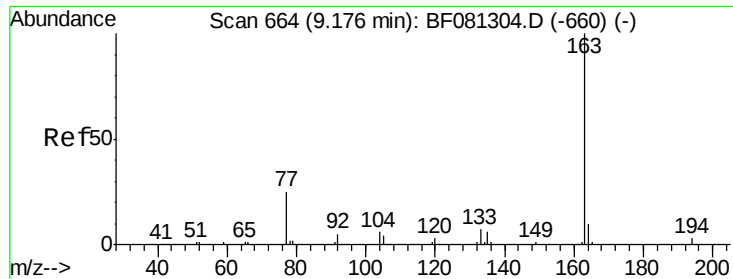
#44
 2-Fluorobiphenyl
 Concen: 57.91 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

Tgt Ion: 172 Resp: 447989
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.5 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: 12.82 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

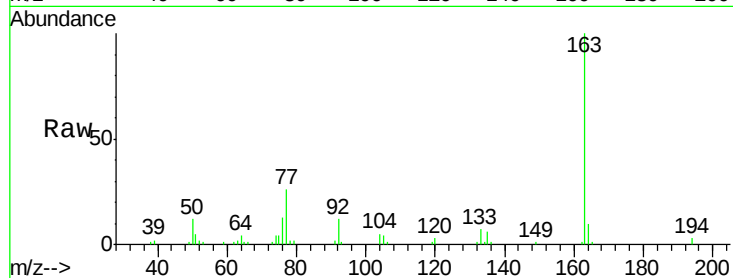
Tgt Ion:163 Resp: 98724

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

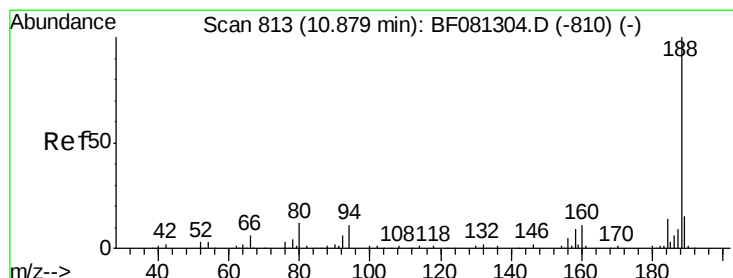
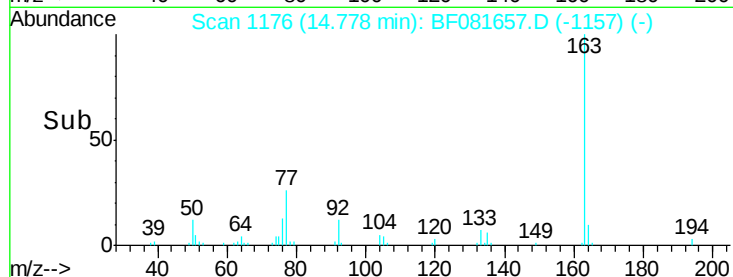
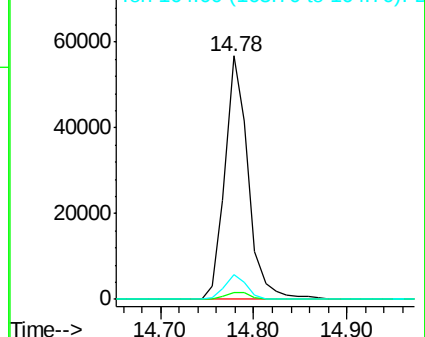
164 10.1 8.3 12.5



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: 18.72 min Scan# 1521

Delta R.T. -0.03 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

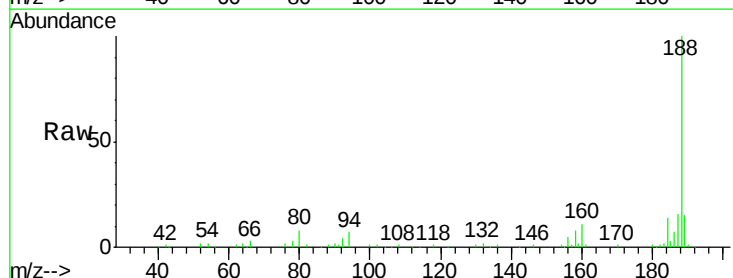
Tgt Ion:188 Resp: 198696

Ion Ratio Lower Upper

188 100

94 7.2 11.1 16.7#

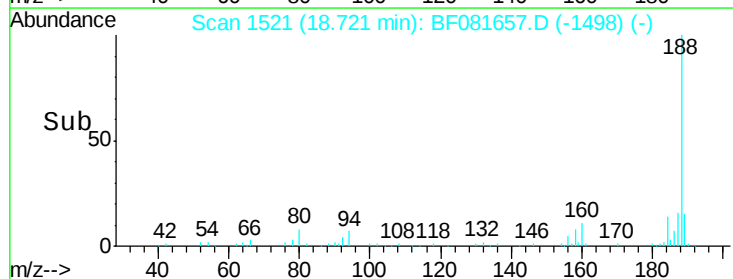
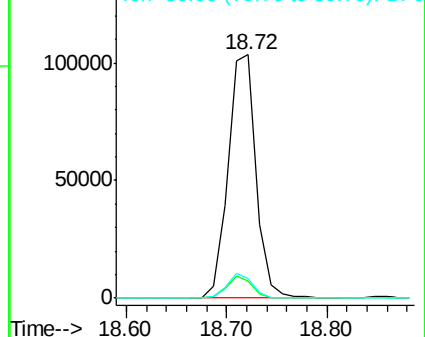
80 8.1 11.0 16.4#

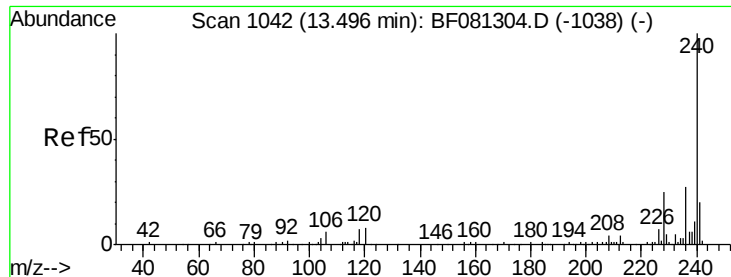


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

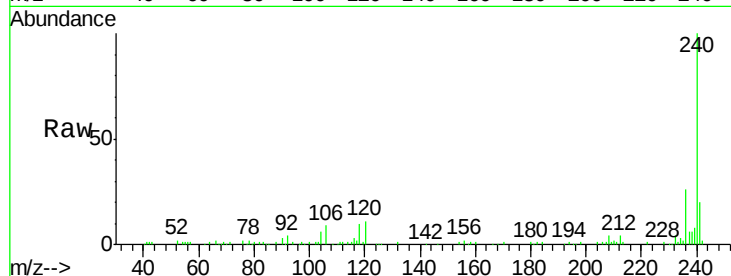
Tgt Ion:240 Resp: 157100

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

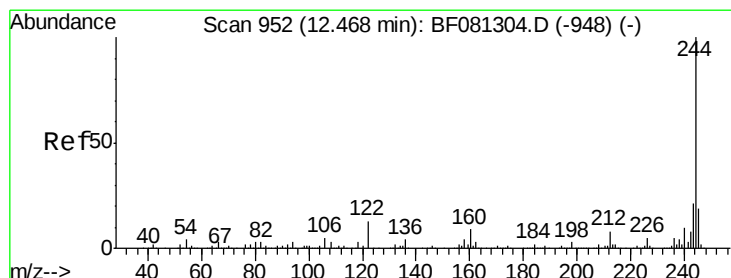
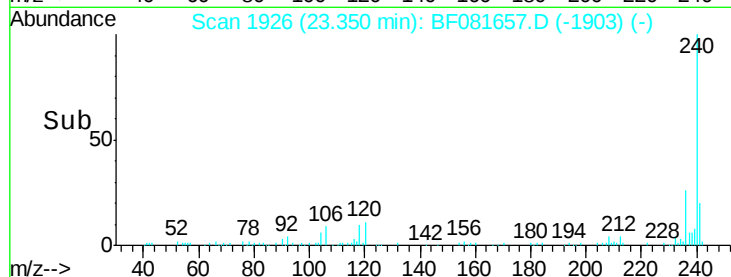
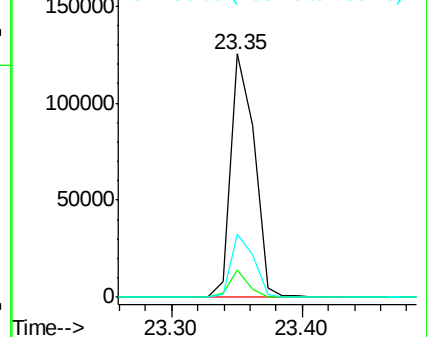
236 25.8 18.4 27.6



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



#78

Terphenyl-d14

Concen: 60.91 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081657.D

Acq: 16 Sep 2015 19:51

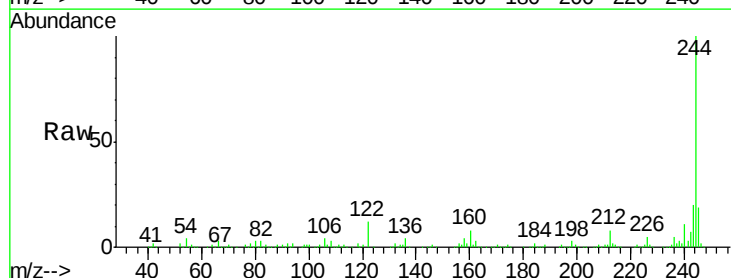
Tgt Ion:244 Resp: 411056

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

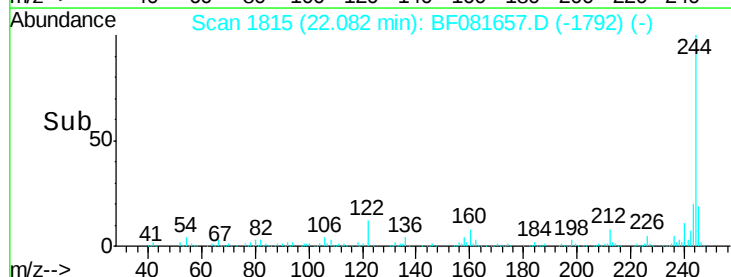
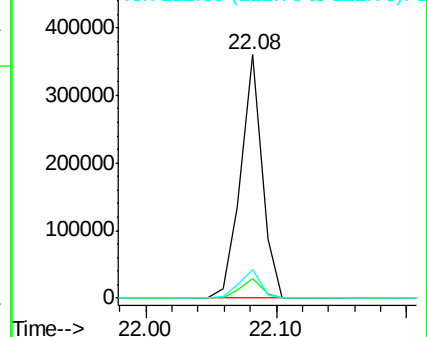
122 11.5 17.4 26.2#

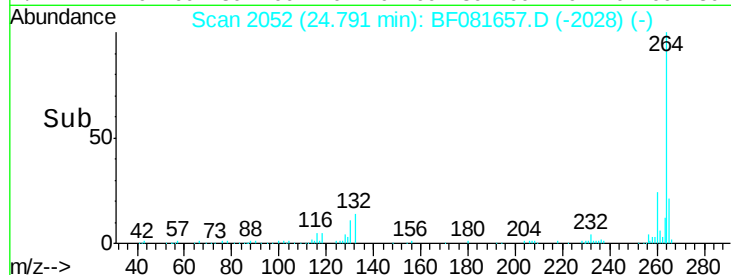
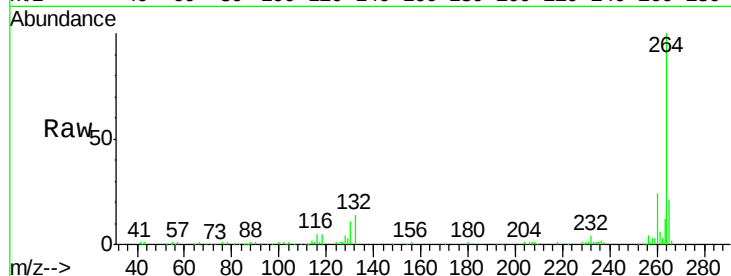
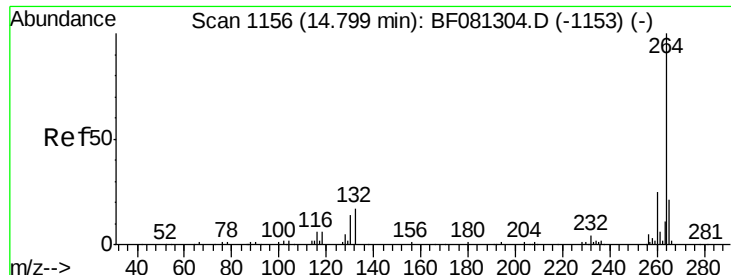


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081657.D
Acq: 16 Sep 2015 19:51

Instrument :
BNA_F
ClientSampleId :
GP-2(0-5)

Tgt Ion:	264	Resp:	112455
Ion Ratio	Lower	Upper	
264	100		
260	24.2	16.7	25.1
265	21.3	17.2	25.8

