

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 03:41:53 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

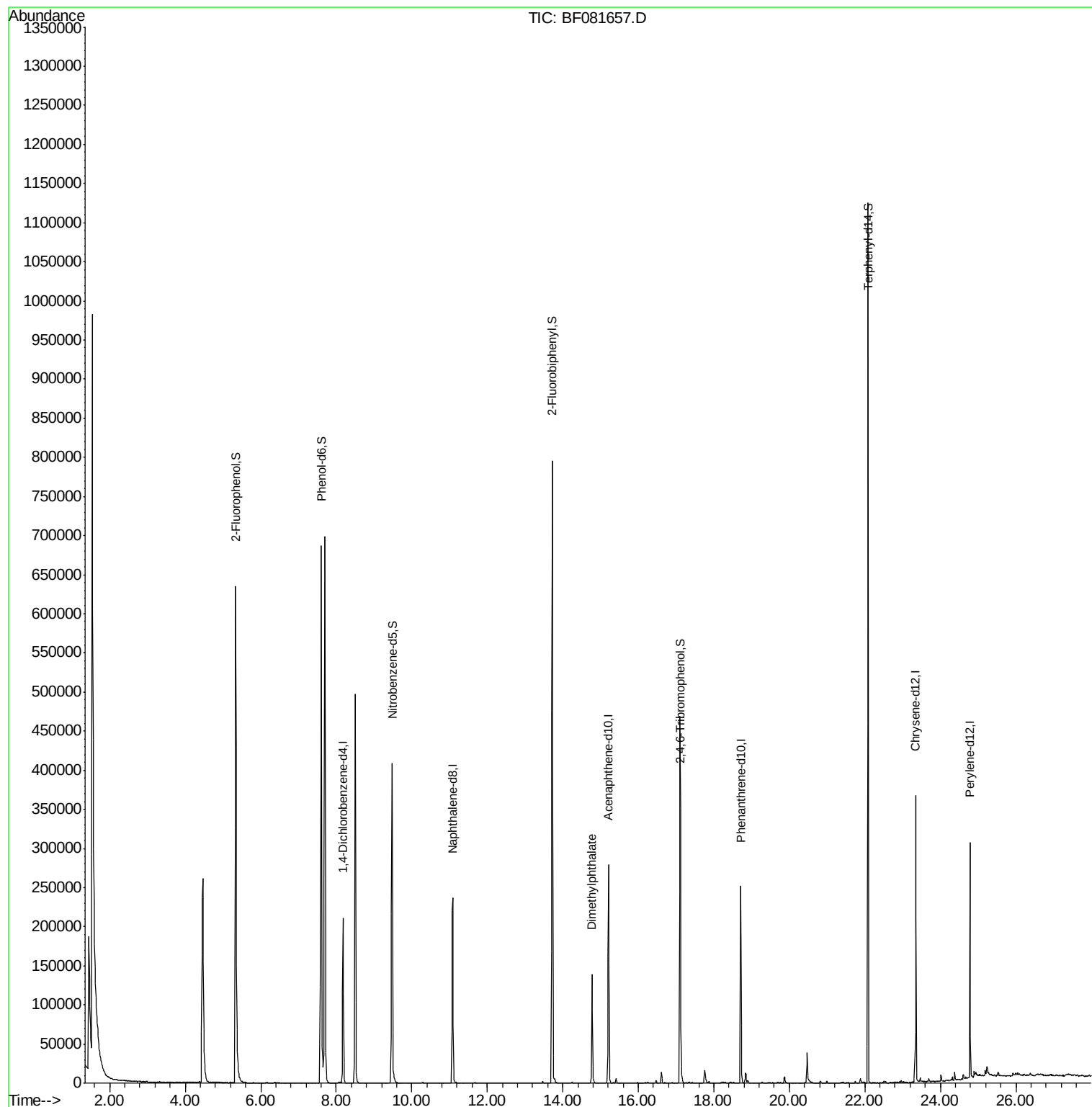
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50448	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	205995	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	99138	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	198696	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	157100	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						
49) Dimethylphthalate	14.78	163	98724	12.82	ng	Qvalue # 97

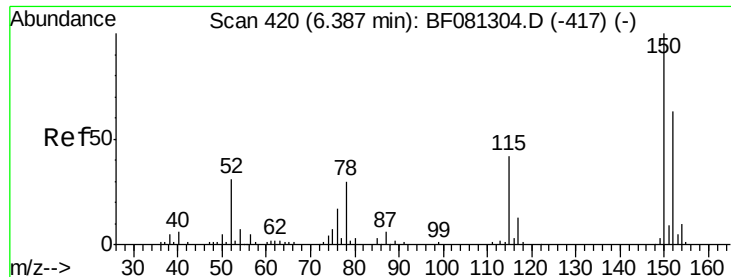
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081657.D

Acq: 16 Sep 2015 19:51

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

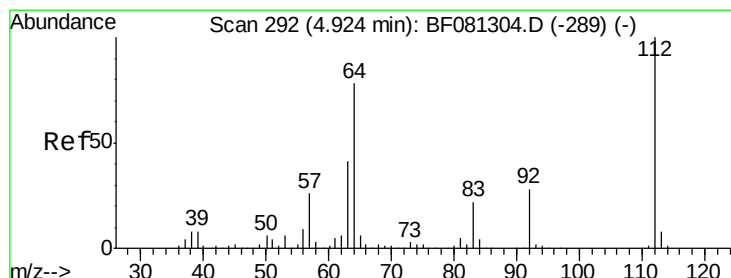
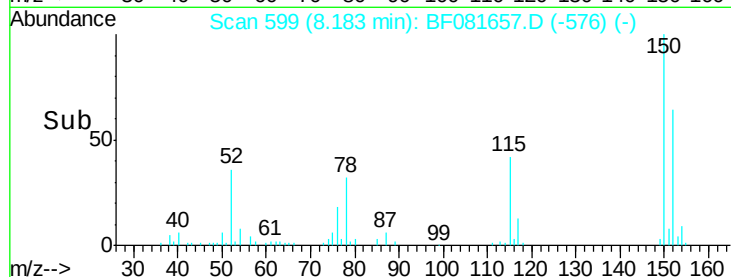
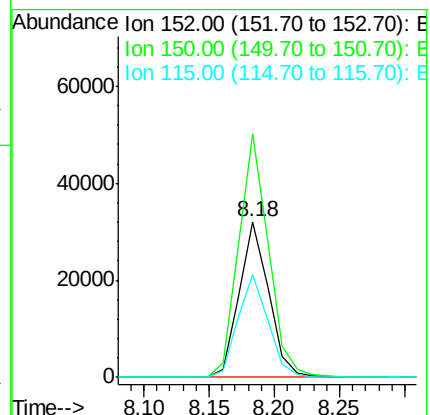
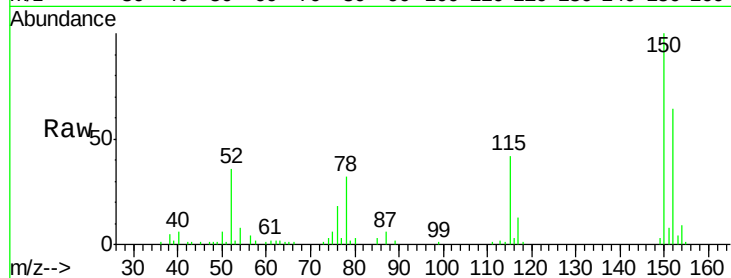
Tgt Ion:152 Resp: 50448

Ion Ratio Lower Upper

152 100

150 156.3 124.7 187.1

115 66.0 39.0 58.4#



#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

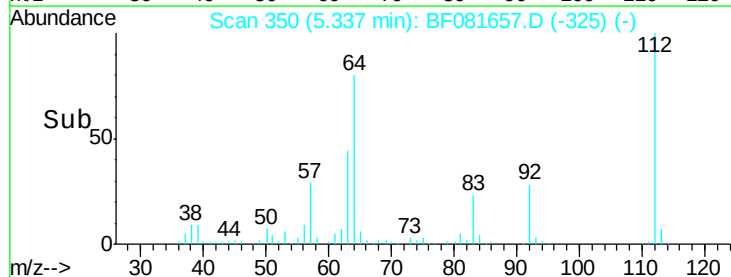
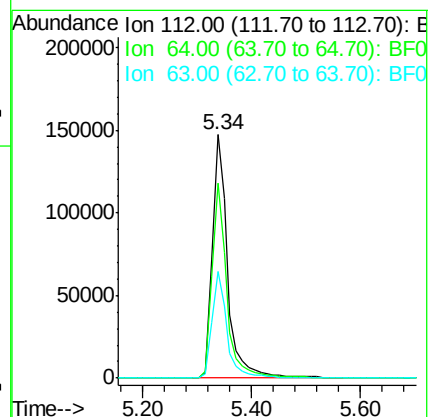
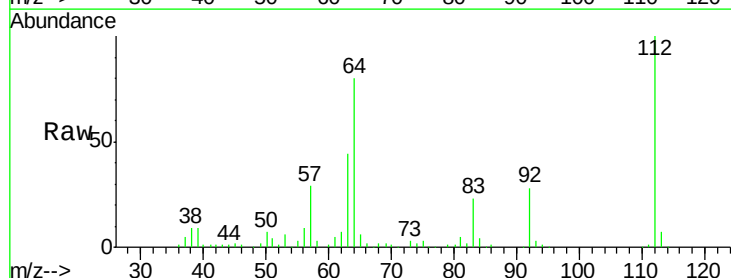
Tgt Ion:112 Resp: 291252

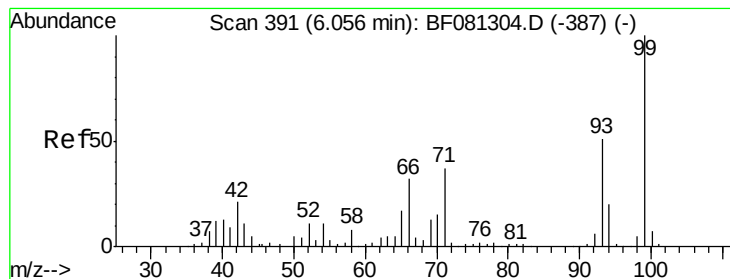
Ion Ratio Lower Upper

112 100

64 80.0 39.7 59.5#

63 43.9 17.4 26.0#





#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

Instrument :

BNA_F

ClientSampleId :

GP-2(0-5)

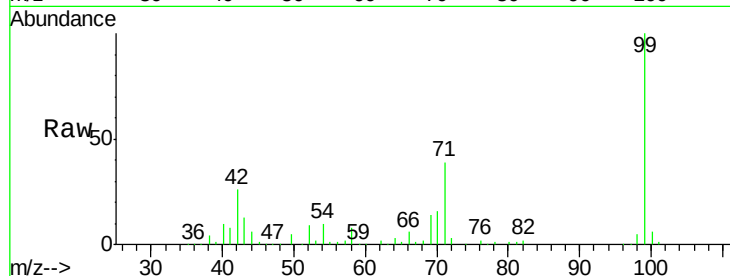
Tgt Ion: 99 Resp: 406234

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

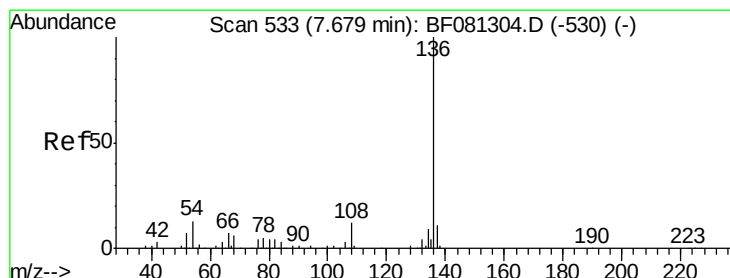
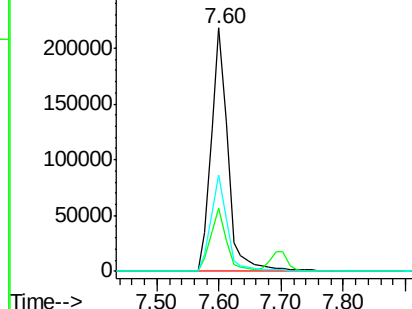
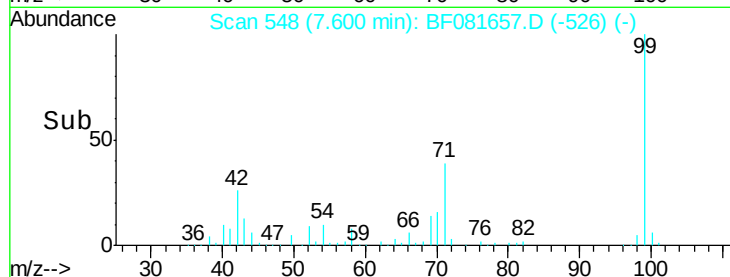
71 39.4 14.2 21.2#



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



#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

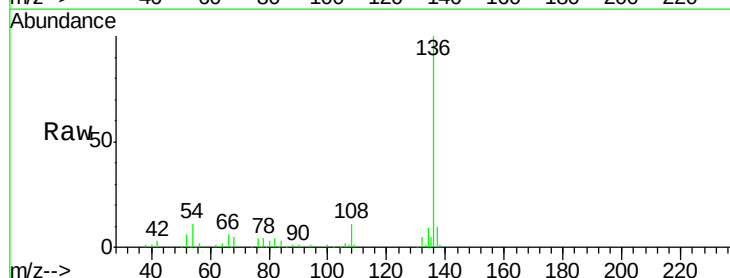
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 11.2 8.2 12.2

68 4.5 5.8 8.6#

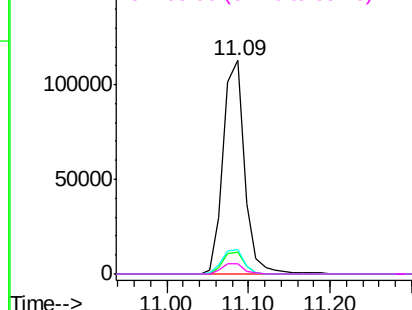
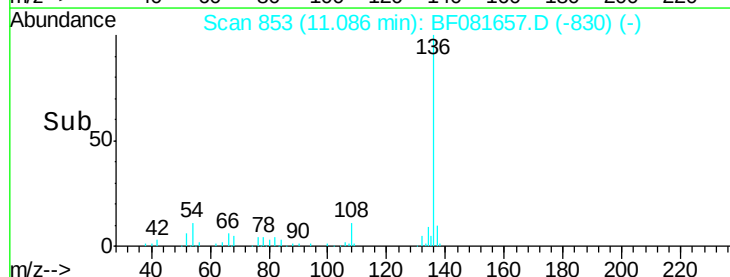


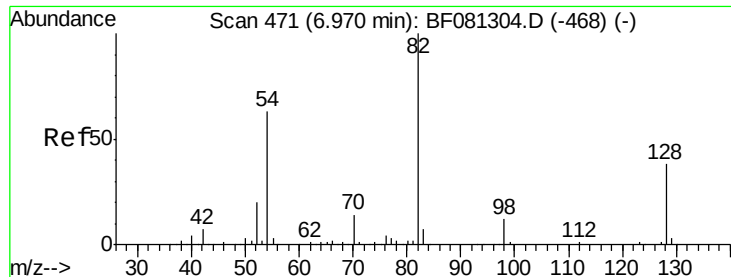
Abundance Ion 136.00 (135.70 to 136.70): E

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

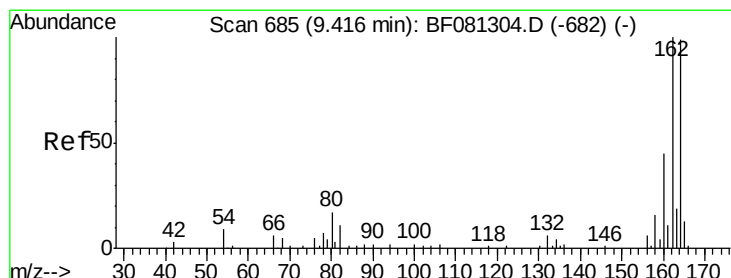
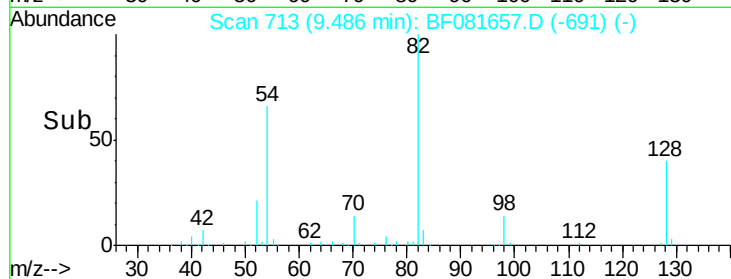
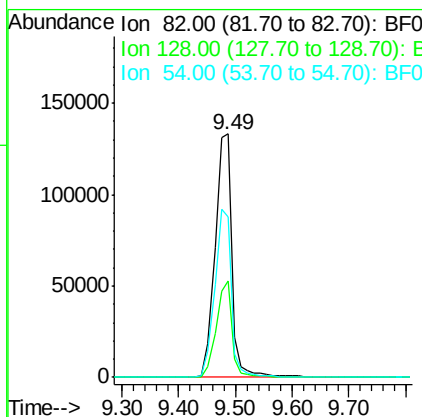
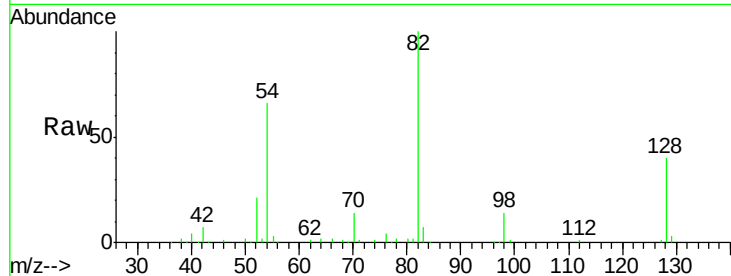




#23
 Nitrobenzene-d5
 Concen: 63.97 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

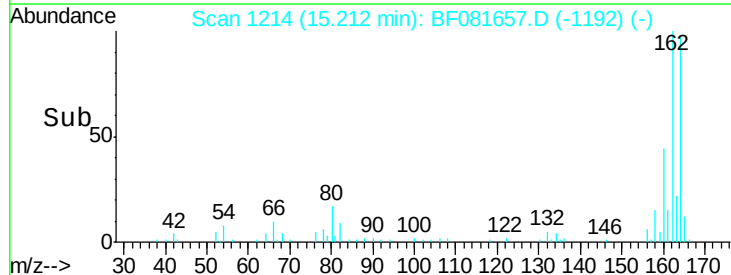
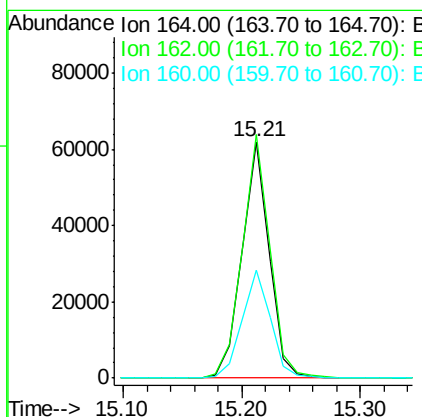
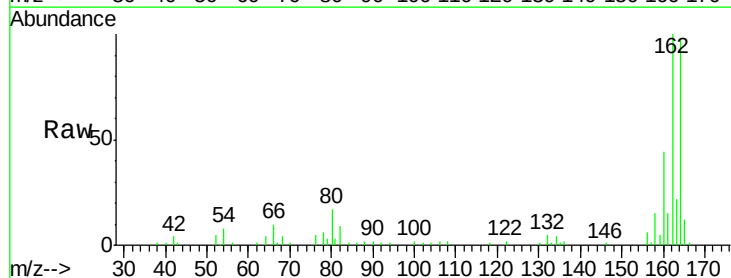
Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

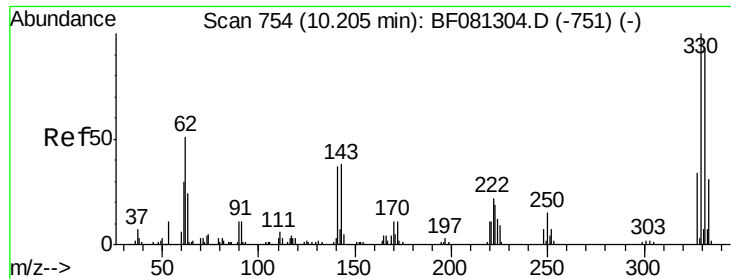
Tgt Ion: 82 Resp: 273129
 Ion Ratio Lower Upper
 82 100
 128 39.5 51.0 76.6#
 54 65.7 47.5 71.3



#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

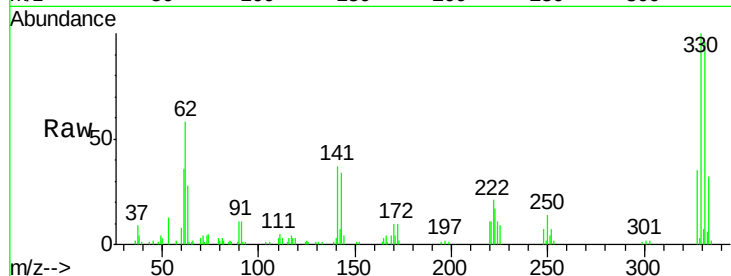




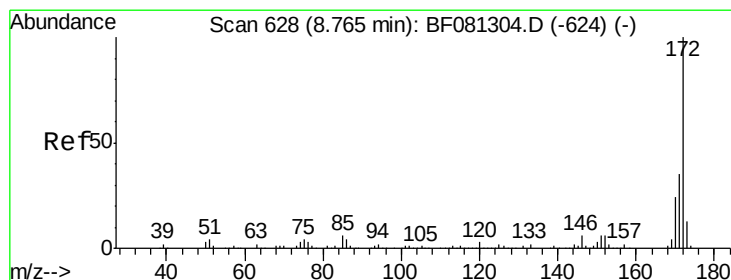
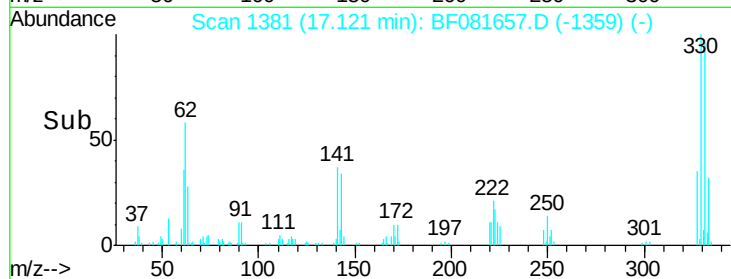
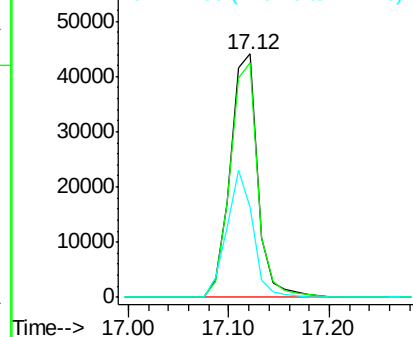
#41
 2,4,6-Tribromophenol
 Concen: 94.96 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

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#

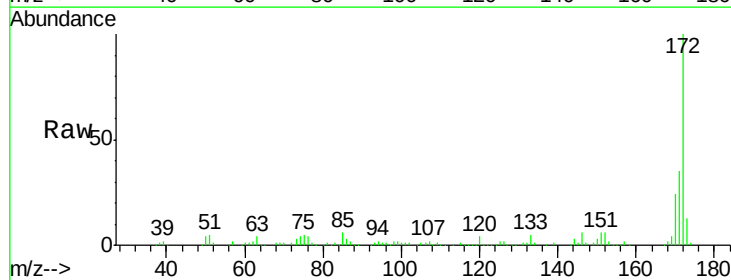


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

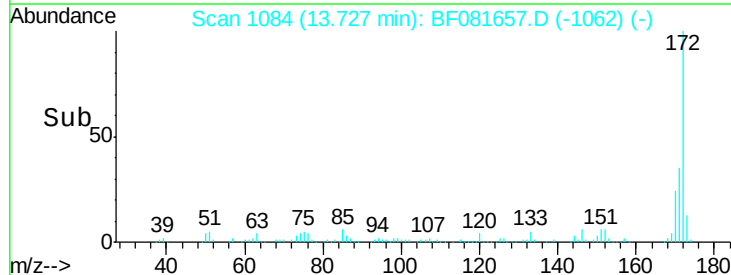
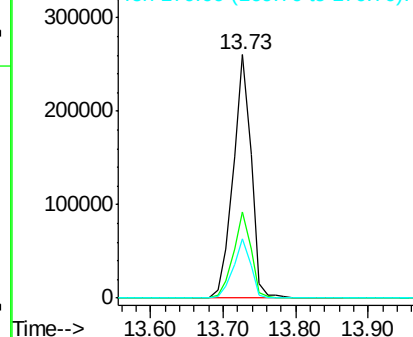


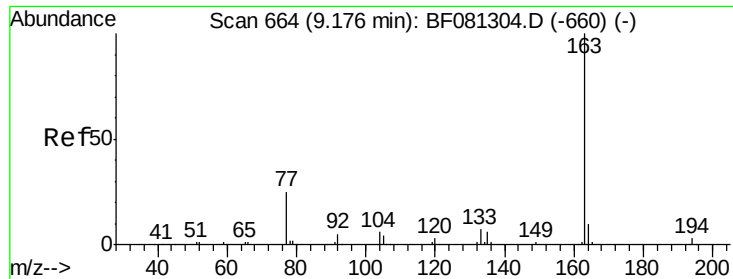
#44
 2-Fluorobiphenyl
 Concen: 57.91 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

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)

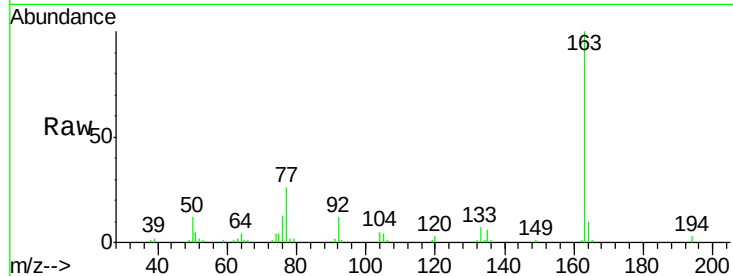
Tgt Ion:163 Resp: 98724

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

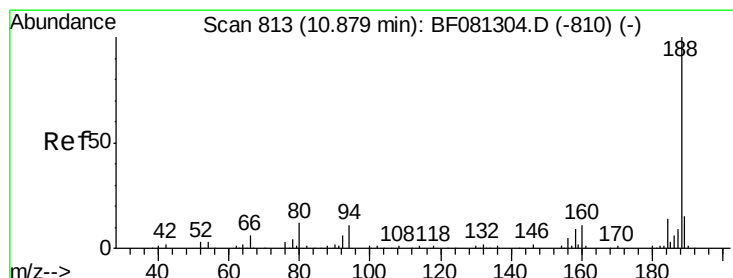
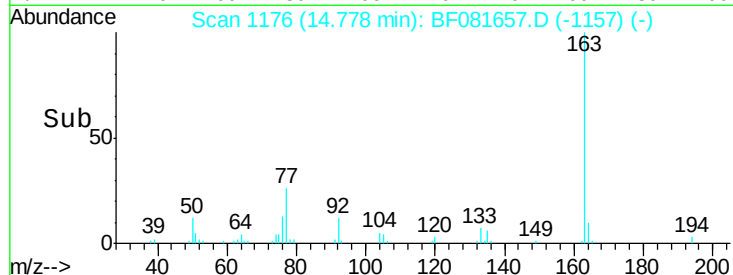
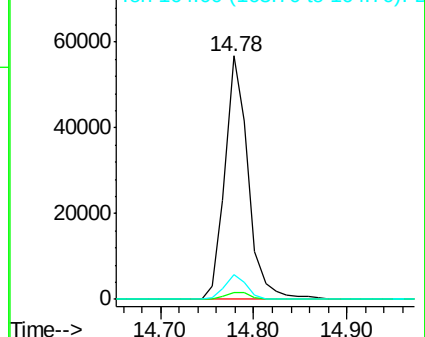
164 10.1 8.3 12.5



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

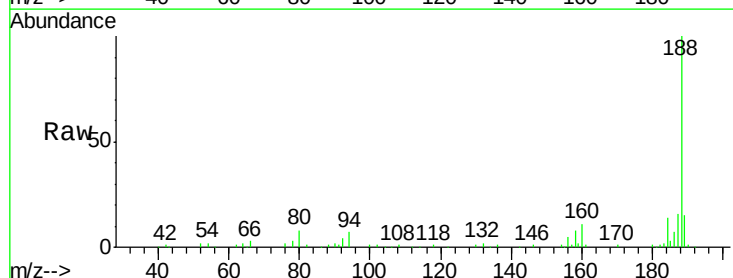
Tgt Ion:188 Resp: 198696

Ion Ratio Lower Upper

188 100

94 7.2 11.1 16.7#

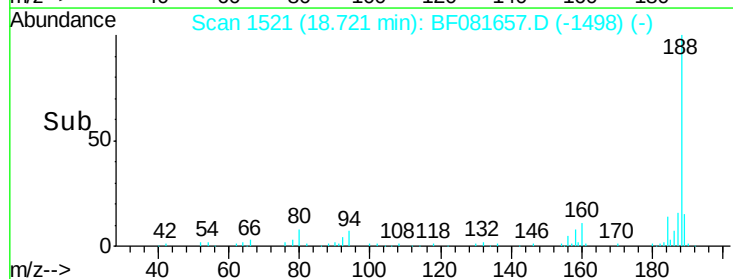
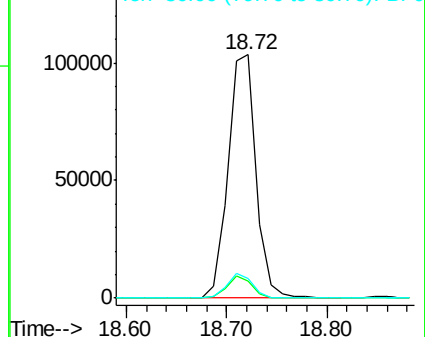
80 8.1 11.0 16.4#

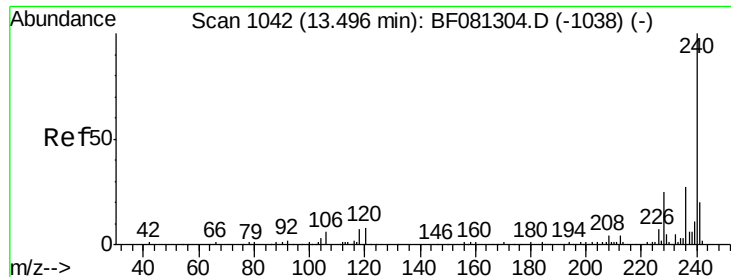


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

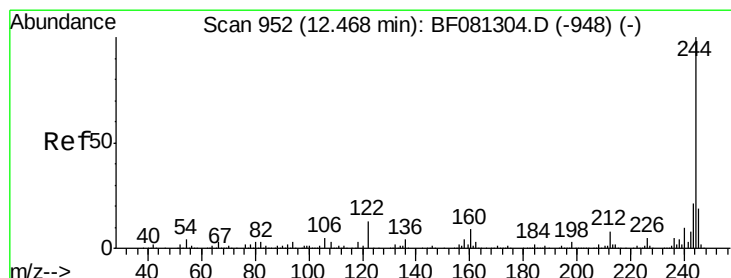
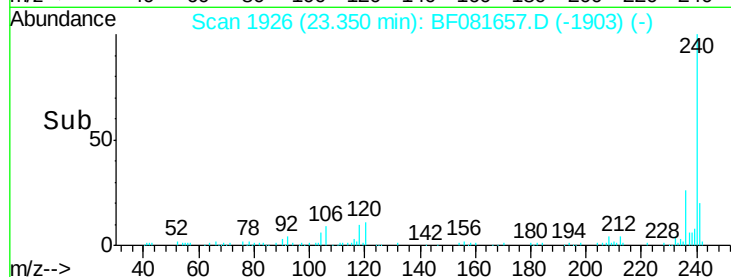
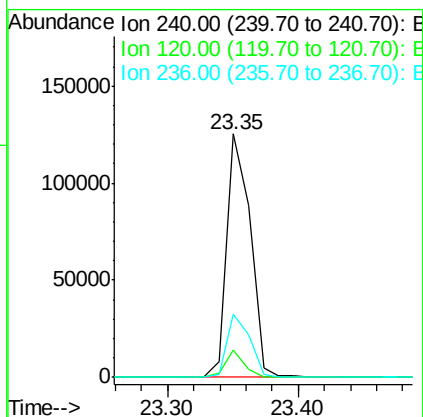
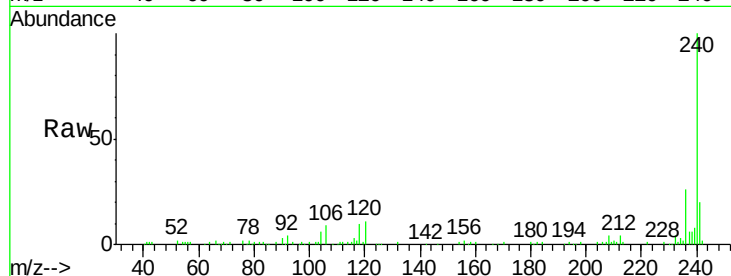




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1926
 Delta R.T. -0.03 min
 Lab File: BF081657.D
 Acq: 16 Sep 2015 19:51

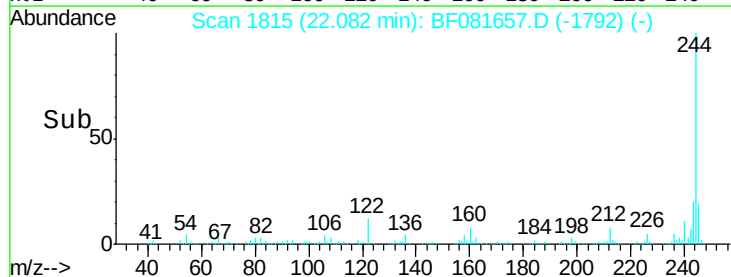
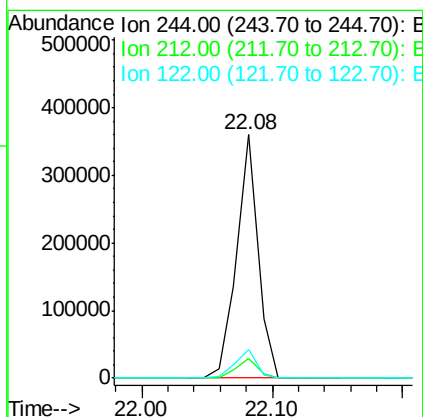
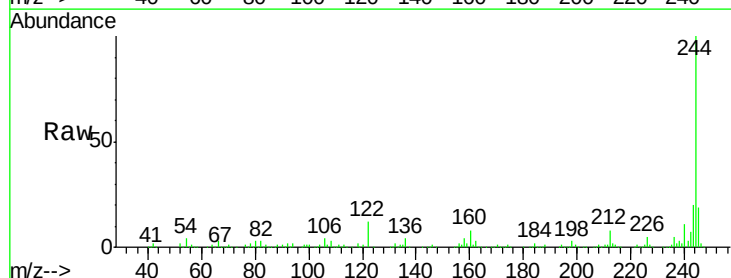
Instrument :
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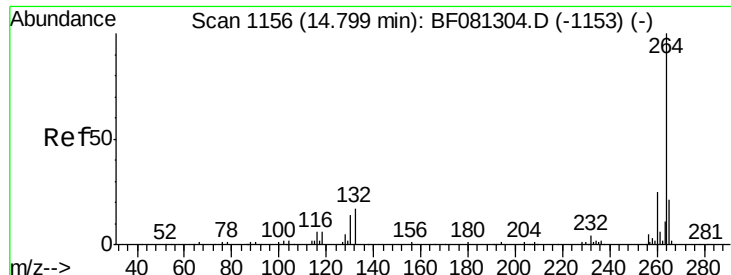
Tgt Ion:240 Resp: 157100
 Ion Ratio Lower Upper
 240 100
 120 11.5 16.2 24.2#
 236 25.8 18.4 27.6



#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#





#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	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.3	17.2	25.8

