

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085813.D
 Acq On : 28 Mar 2016 20:45
 Operator : UM/SJ
 Sample : H1937-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Quant Time: Mar 29 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

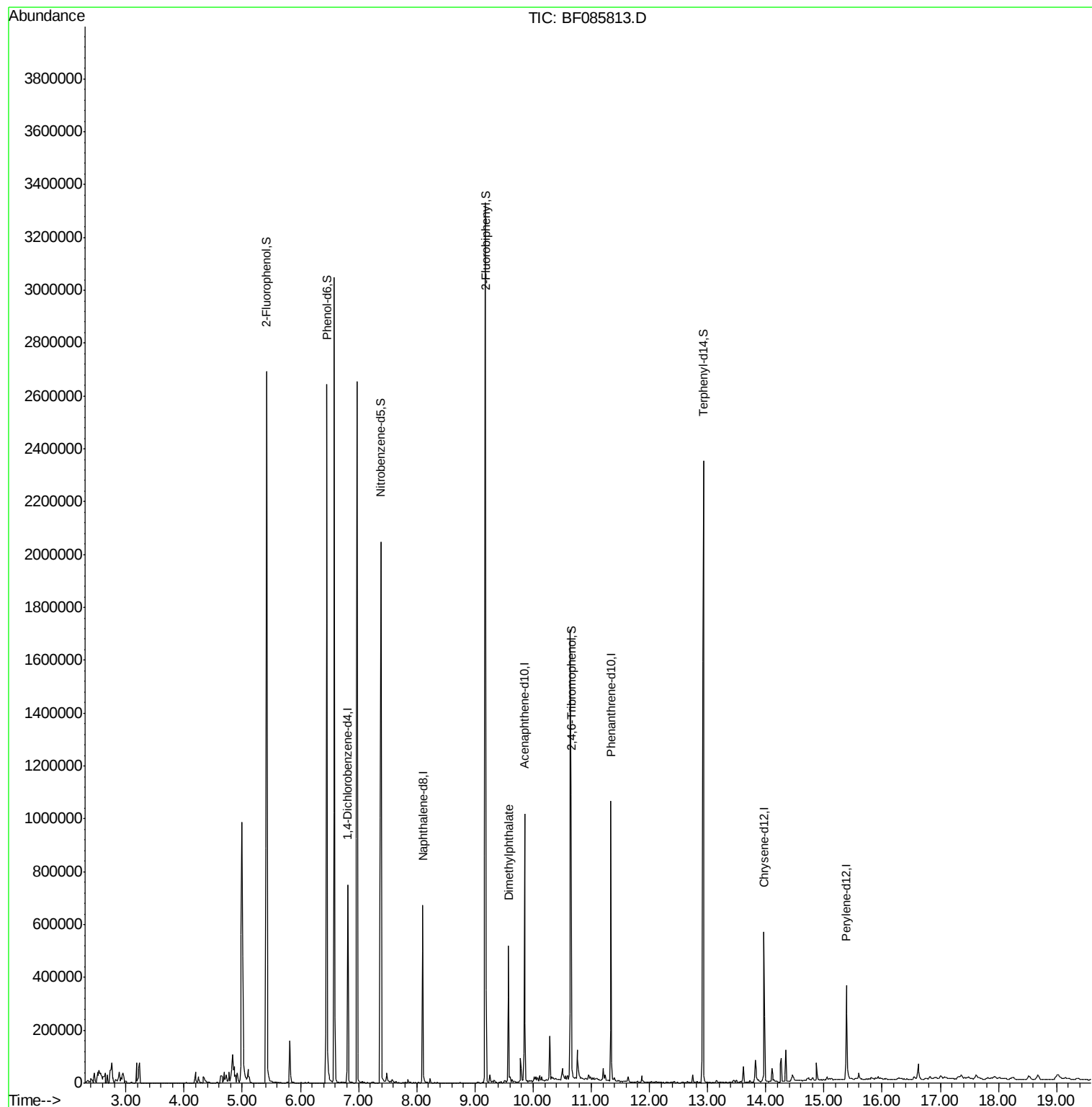
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108044	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	424866	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193969	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	366350	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	215475	20.00	ng	-0.01
86) Perylene-d12	15.39	264	178529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	869087	133.96	ng	0.01
7) Phenol-d6	6.46	99	1258112	152.53	ng	0.00
23) Nitrobenzene-d5	7.38	82	787386	104.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	301743	163.73	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1059104	91.23	ng	-0.01
78) Terphenyl-d14	12.93	244	942613	89.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	267915	18.21	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

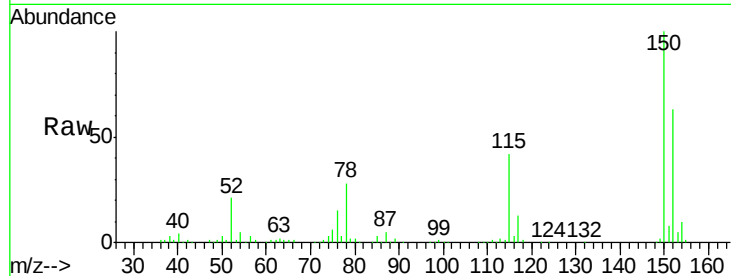
Tgt Ion:152 Resp: 108044

Ion Ratio Lower Upper

152 100

150 159.7 124.2 186.2

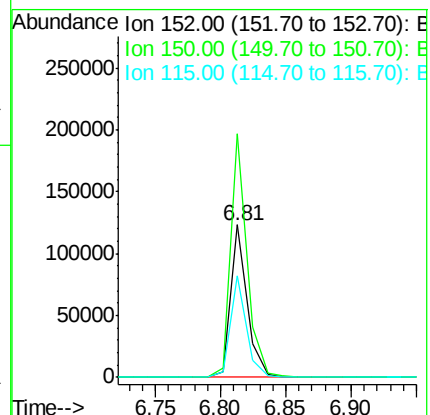
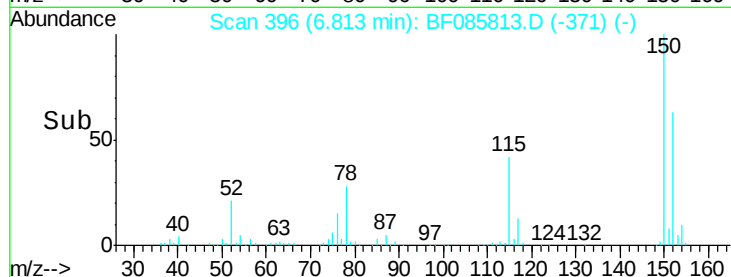
115 66.6 47.0 70.6



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: 133.96 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

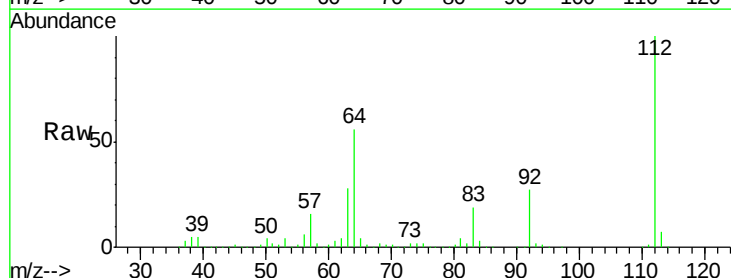
Tgt Ion:112 Resp: 869087

Ion Ratio Lower Upper

112 100

64 55.9 39.9 59.9

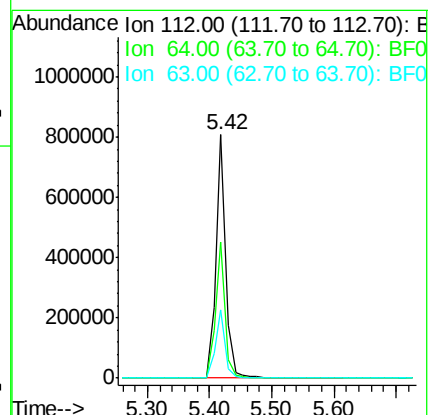
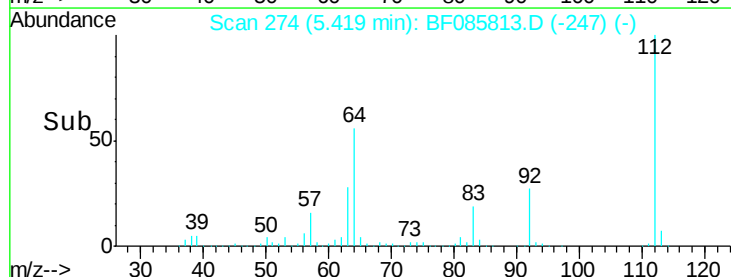
63 28.3 20.2 30.2



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: 152.53 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

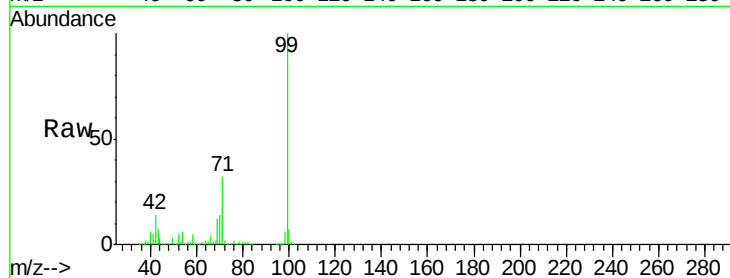
Tgt Ion: 99 Resp: 1258112

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

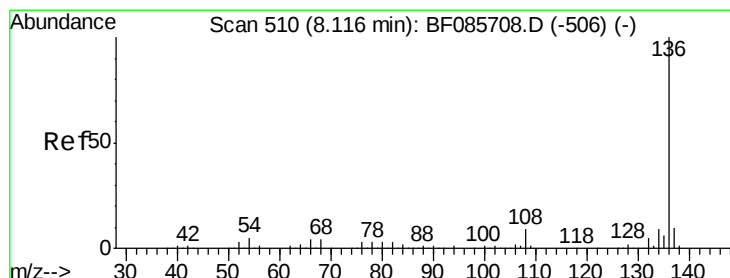
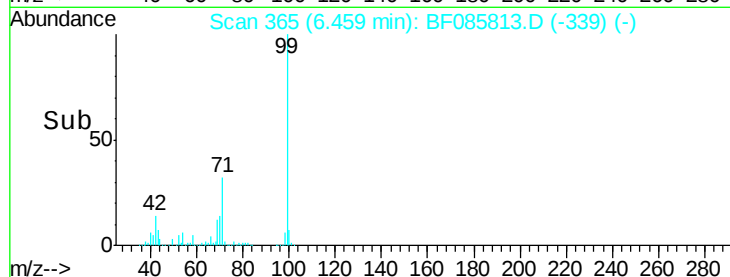
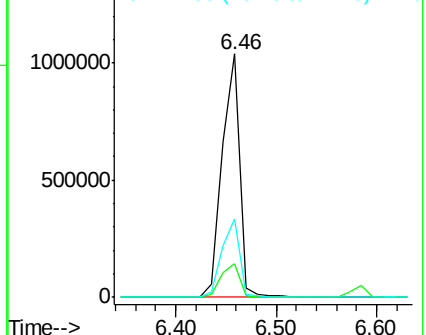
71 32.2 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Tgt Ion: 136 Resp: 424866

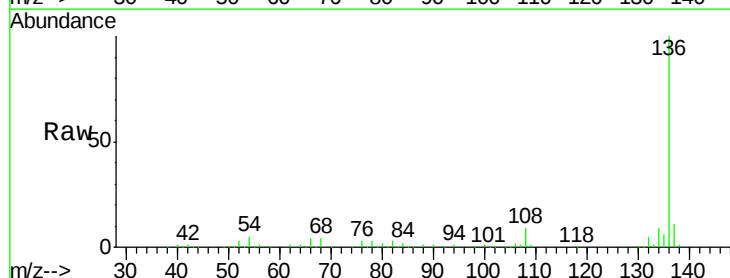
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.9 7.4 11.0#

68 4.4 5.8 8.8#

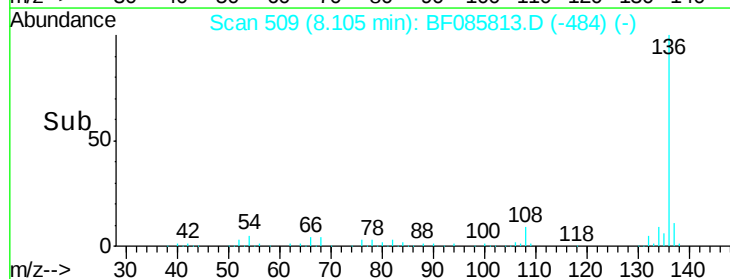
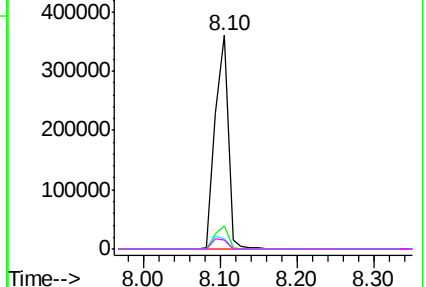


Abundance Ion 136.00 (135.70 to 136.70): E

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

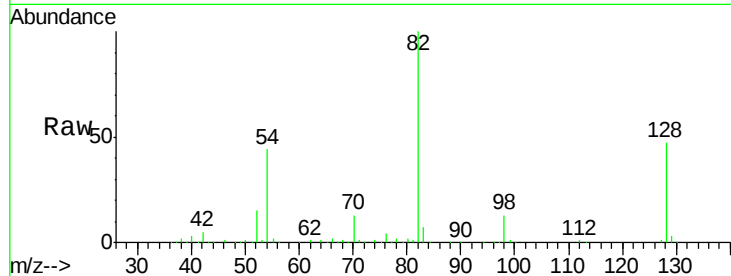




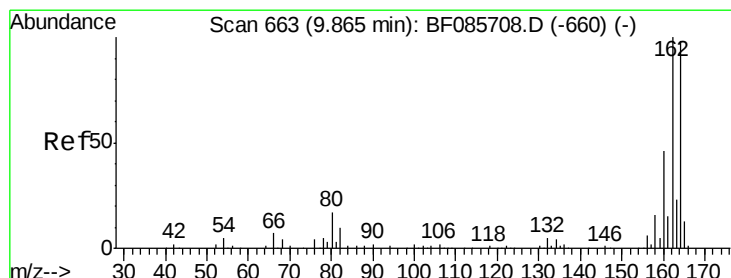
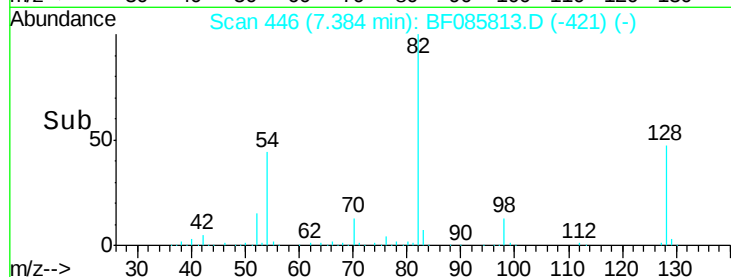
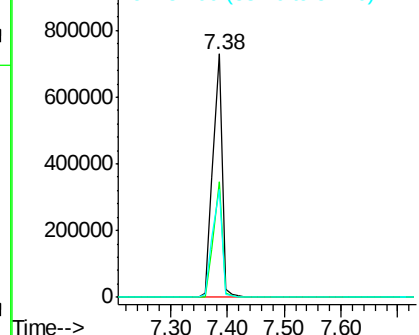
#23
 Nitrobenzene-d5
 Concen: 104.36 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Tgt Ion: 82 Resp: 787386
 Ion Ratio Lower Upper
 82 100
 128 47.4 41.8 62.8
 54 44.4 33.4 50.0

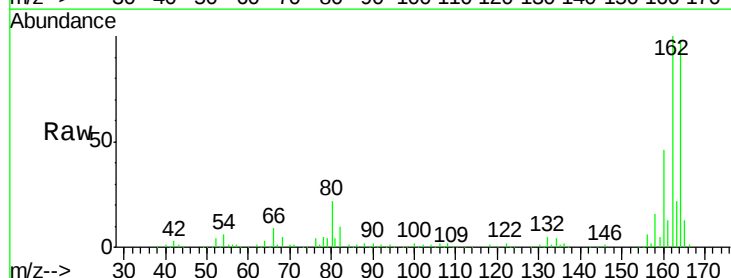


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

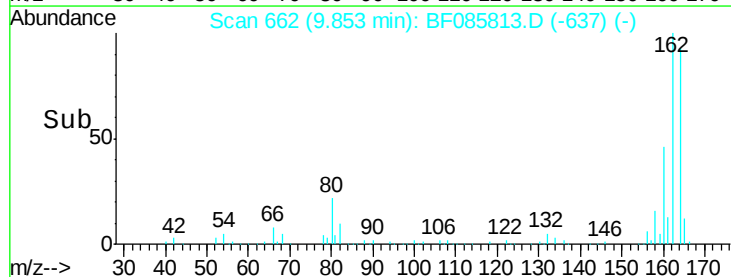
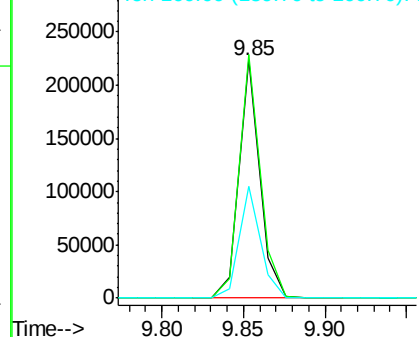


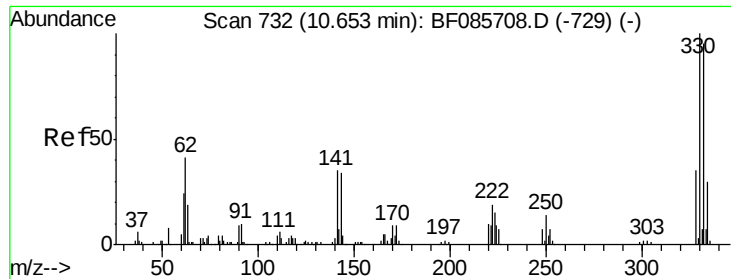
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Tgt Ion: 164 Resp: 193969
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.7 37.4 56.2



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

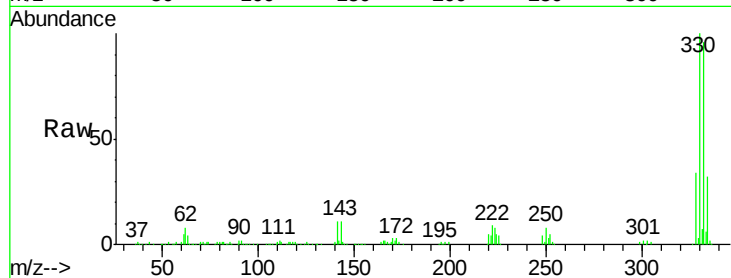




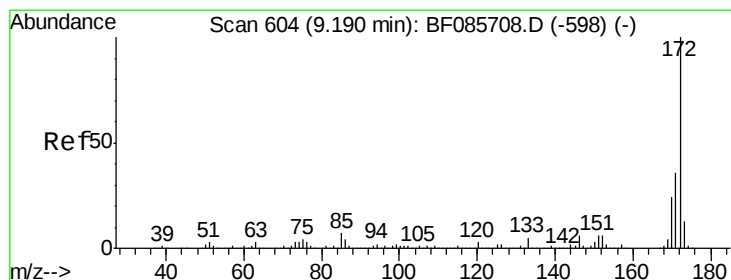
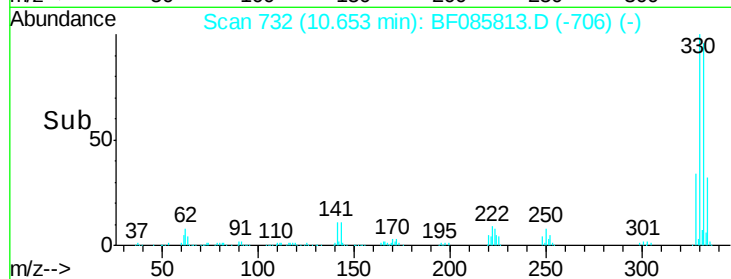
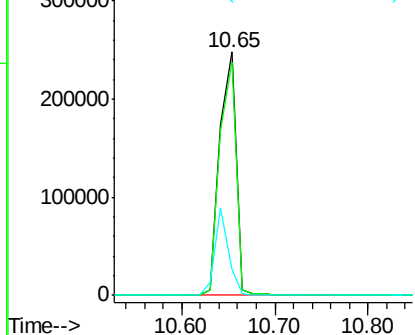
#41
 2,4,6-Tribromophenol
 Concen: 163.73 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Tgt Ion:330 Resp: 301743
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 30.5 31.5 47.3#

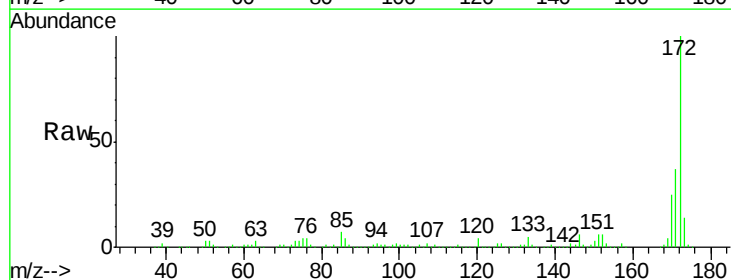


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

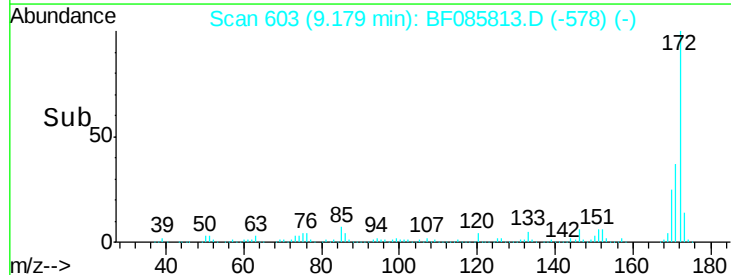
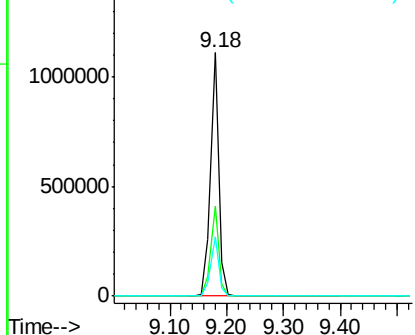


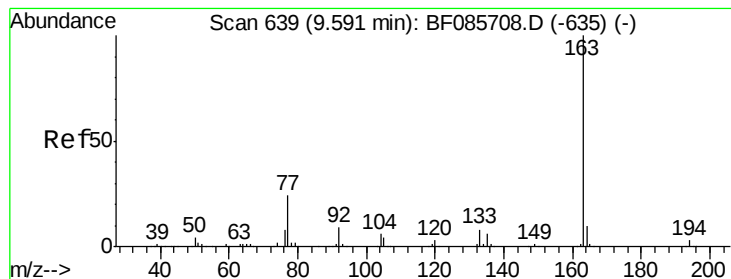
#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Tgt Ion:172 Resp: 1059104
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.5 19.8 29.6



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: 18.21 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

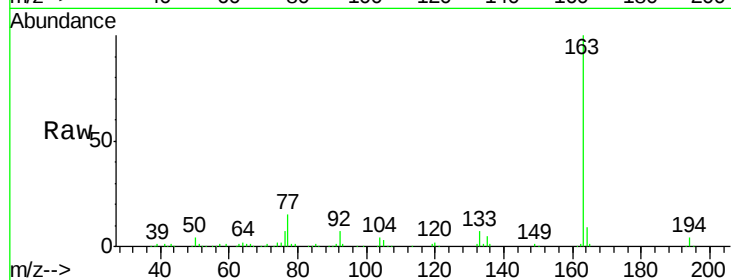
Tgt Ion:163 Resp: 267915

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

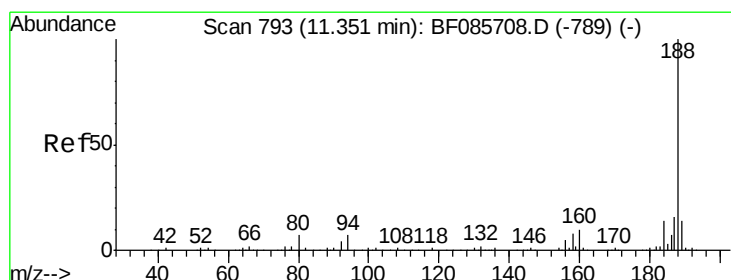
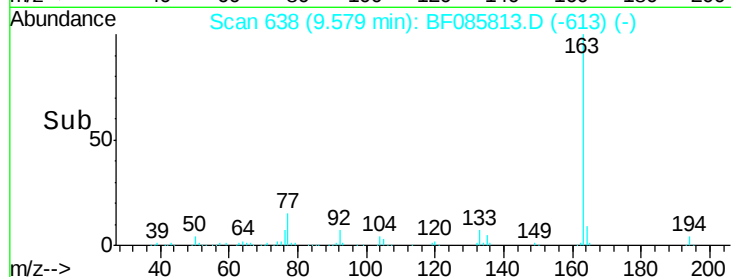
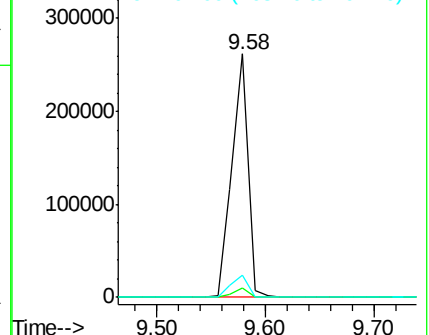
164 9.3 8.3 12.5



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: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

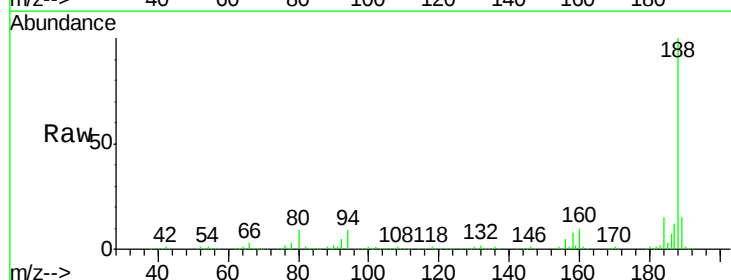
Tgt Ion:188 Resp: 366350

Ion Ratio Lower Upper

188 100

94 8.9 5.4 8.0#

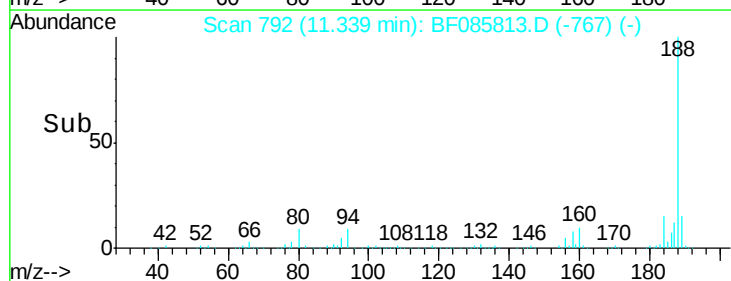
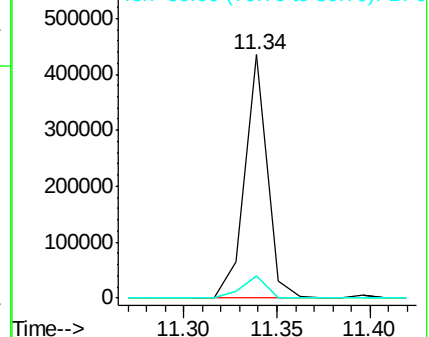
80 9.3 5.5 8.3#

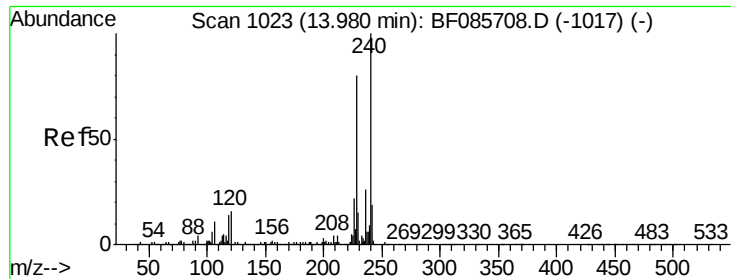


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

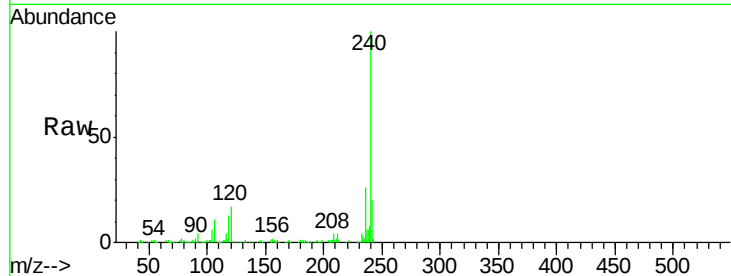
Tgt Ion:240 Resp: 215475

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

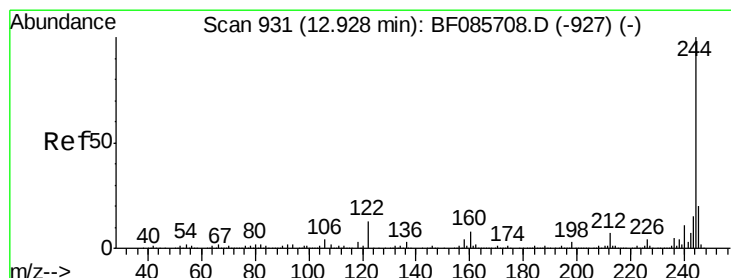
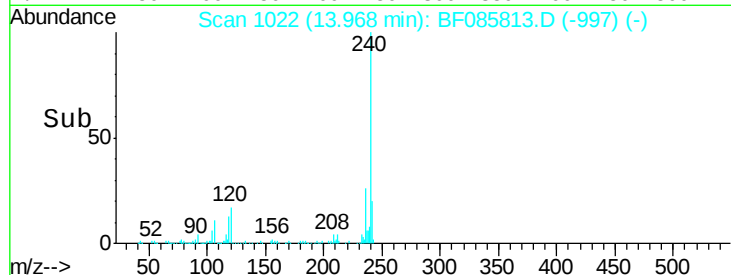
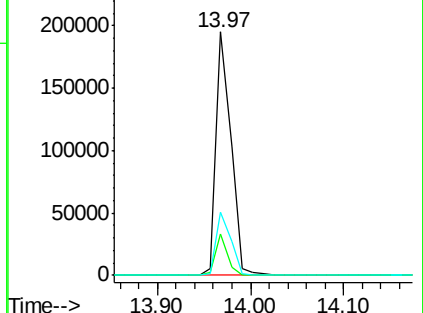
236 26.1 20.6 30.8



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: 89.97 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

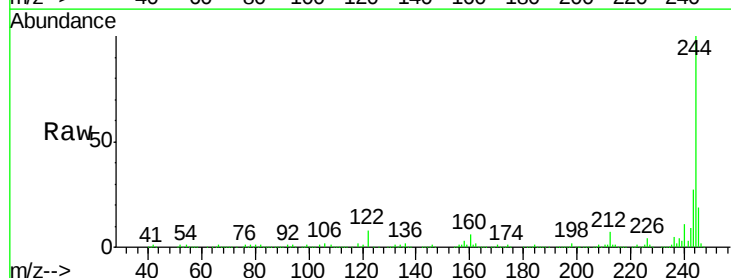
Tgt Ion:244 Resp: 942613

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

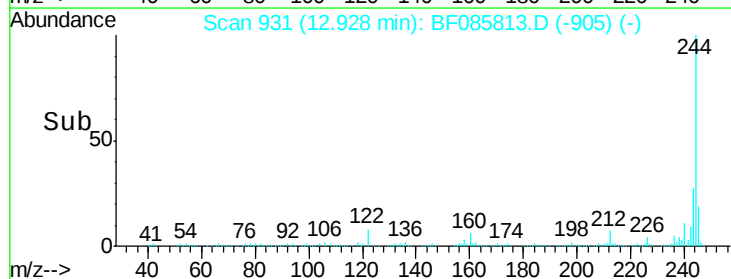
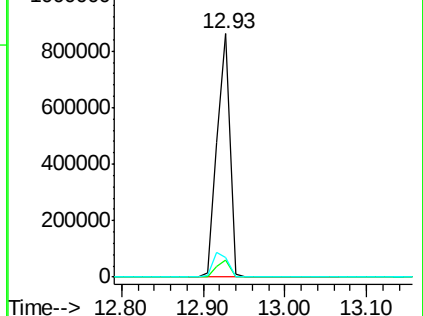
122 8.1 10.2 15.4#

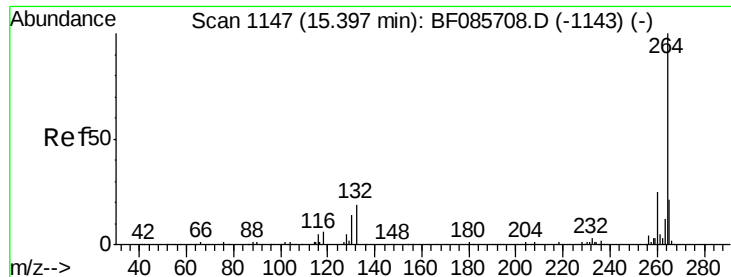


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

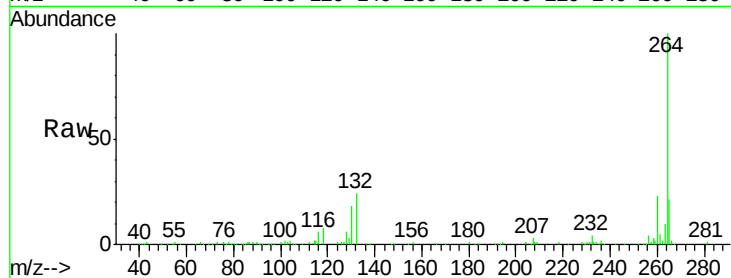




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085813.D
Acq: 28 Mar 2016 20:45

Instrument :
BNA_F
ClientSampleId :
GW-04(12-14)

Tgt Ion: 264 Resp: 178529
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 20.8 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

