

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081438.D
 Acq On : 5 Sep 2015 1:00
 Operator : UM/IZ
 Sample : G3526-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-9)

Quant Time: Sep 07 02:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

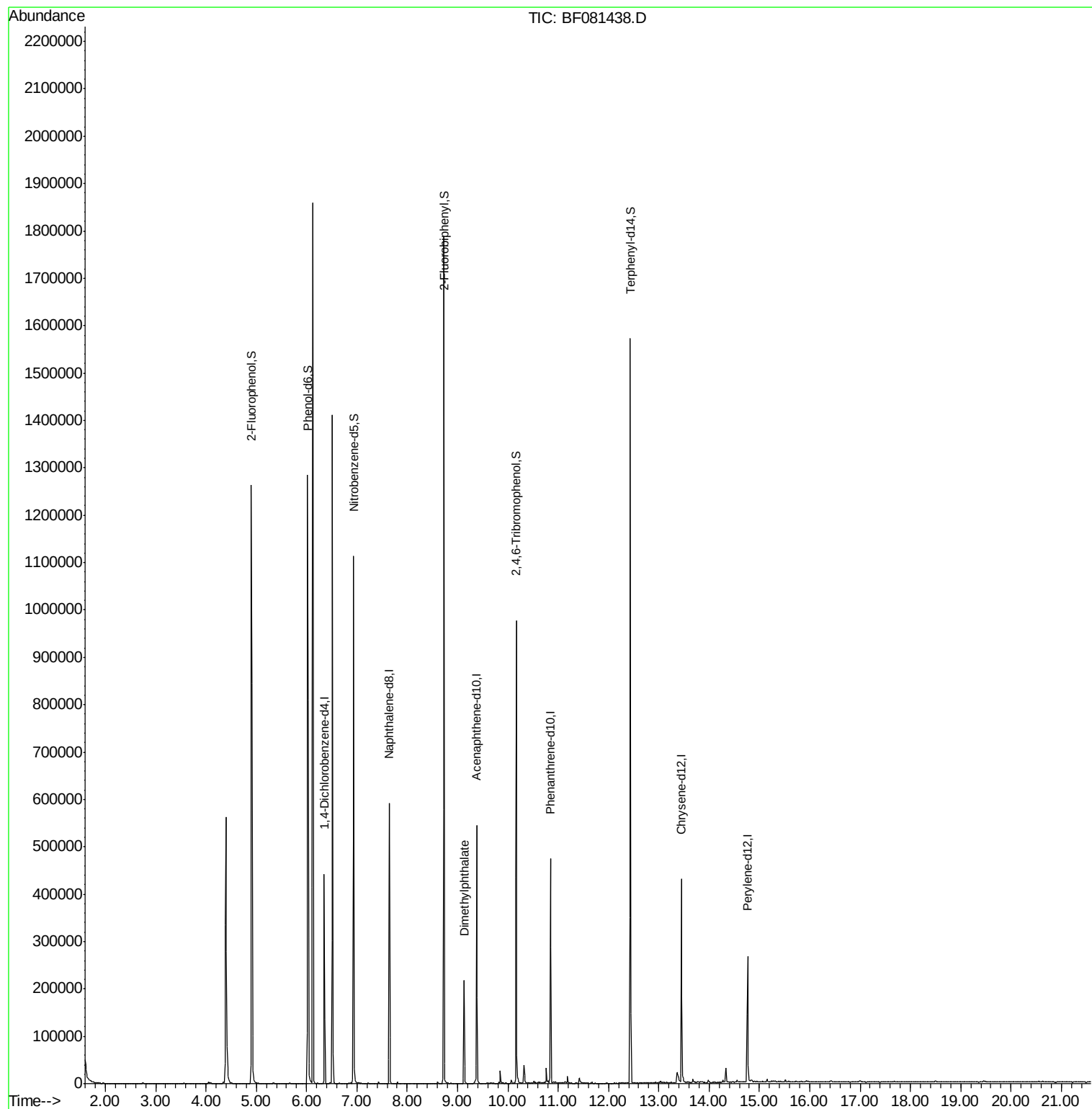
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	60761	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	238567	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	110136	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	214444	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	161968	20.00	ng	-0.01
86) Perylene-d12	14.77	264	120820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	403665	103.07	ng	0.00
7) Phenol-d6	6.02	99	537078	103.61	ng	-0.01
23) Nitrobenzene-d5	6.94	82	383971	77.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	97060	98.97	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	551276	64.14	ng	0.00
78) Terphenyl-d14	12.43	244	454900	65.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.13	163	79306	9.27	ng	Qvalue # 97

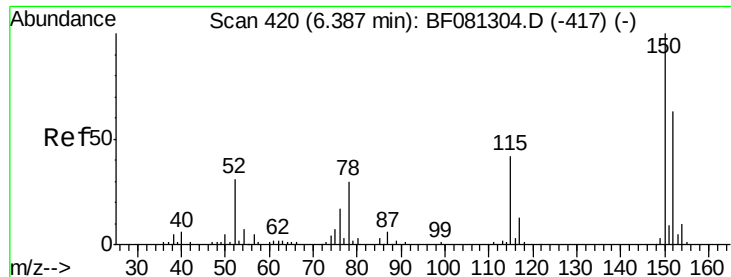
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Instrument :

BNA_F

ClientSampleId :

SB-12(8-9)

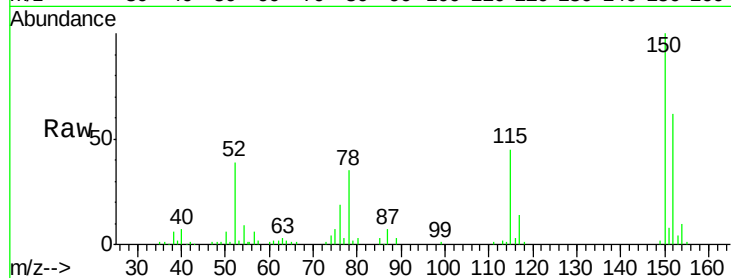
Tgt Ion:152 Resp: 60761

Ion Ratio Lower Upper

152 100

150 162.3 124.7 187.1

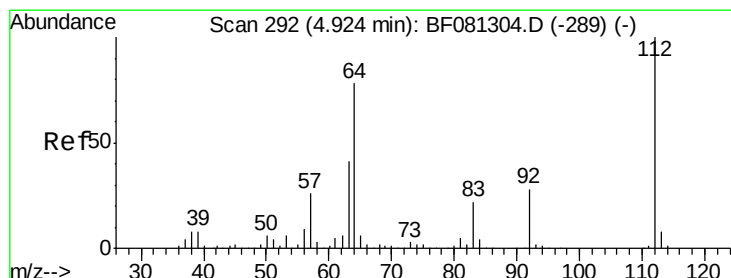
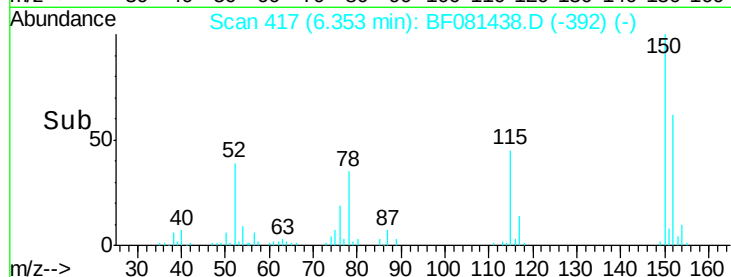
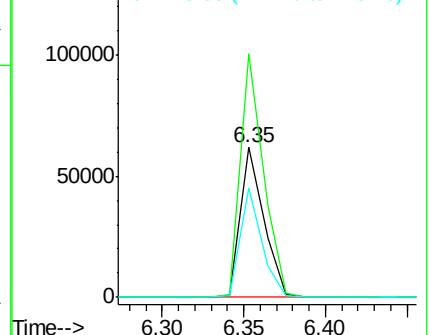
115 72.4 39.0 58.4#



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: 103.07 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

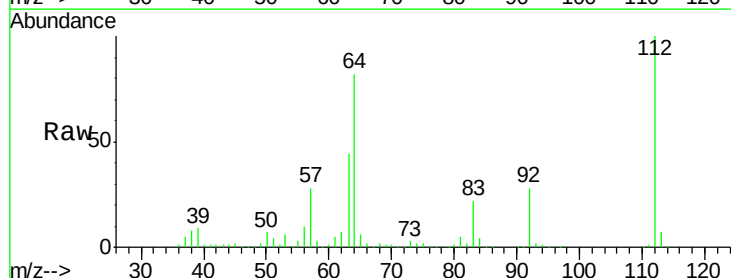
Tgt Ion:112 Resp: 403665

Ion Ratio Lower Upper

112 100

64 81.5 39.7 59.5#

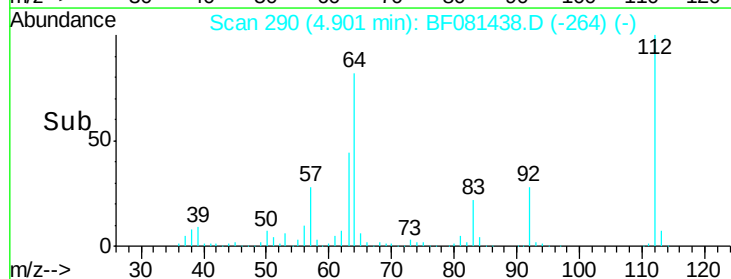
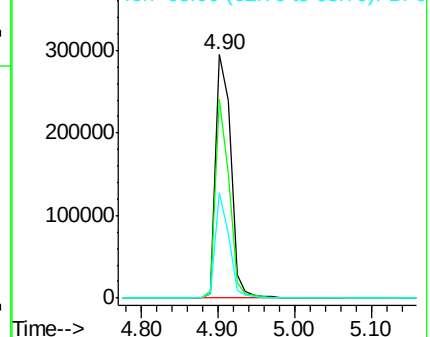
63 43.5 17.4 26.0#

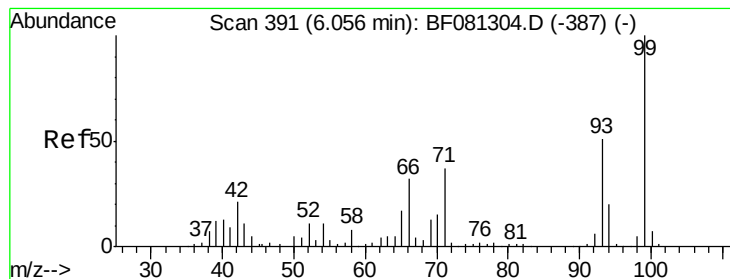


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.61 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Instrument :

BNA_F

ClientSampled :

SB-12(8-9)

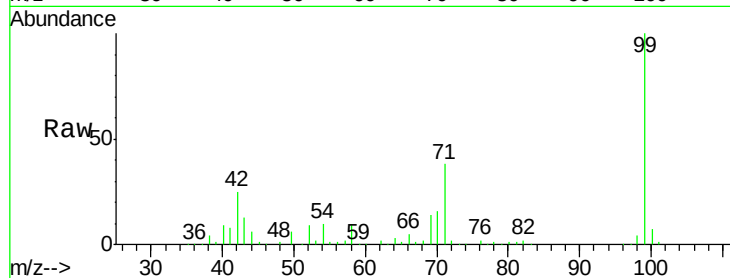
Tgt Ion: 99 Resp: 537078

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

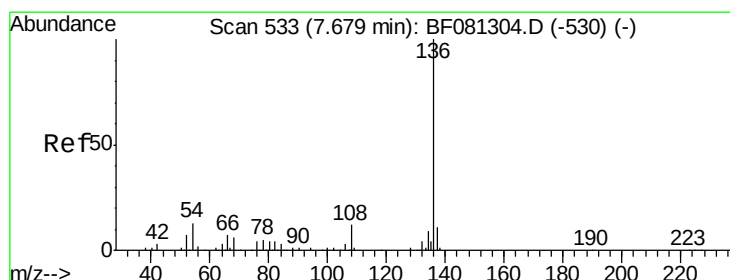
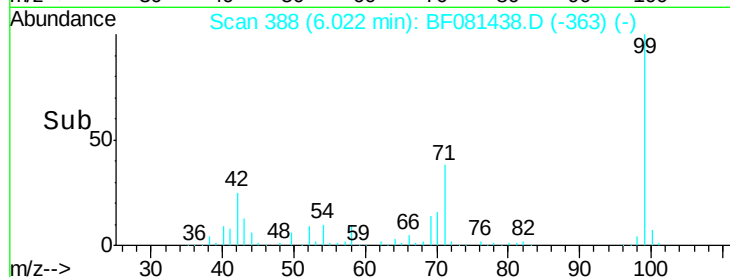
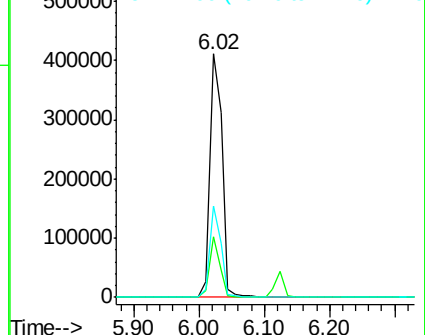
71 37.7 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Tgt Ion: 136 Resp: 238567

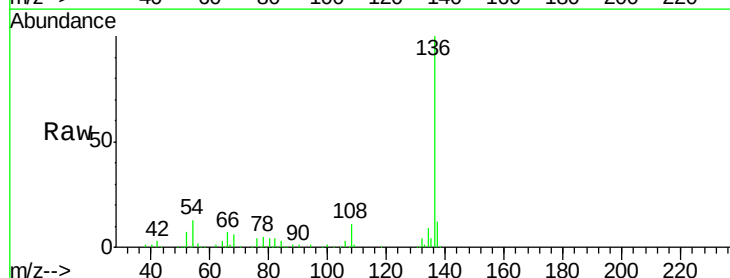
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 13.2 8.2 12.2#

68 6.1 5.8 8.6

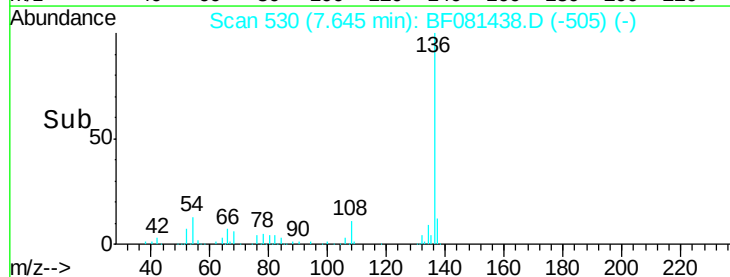
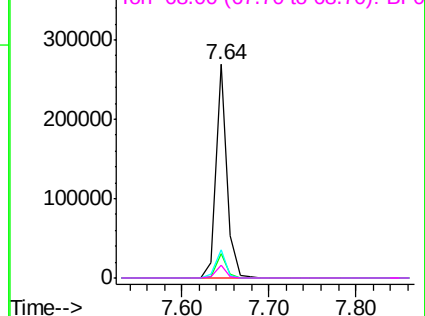


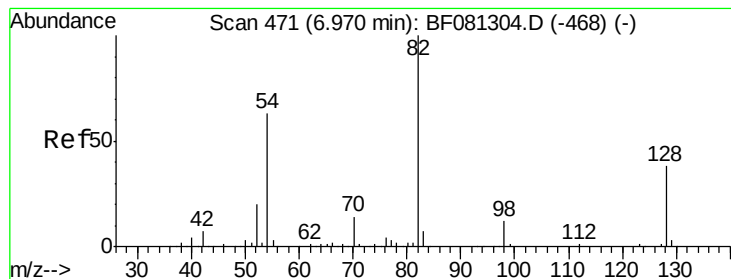
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.65 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Instrument :

BNA_F

ClientSampleId :

SB-12(8-9)

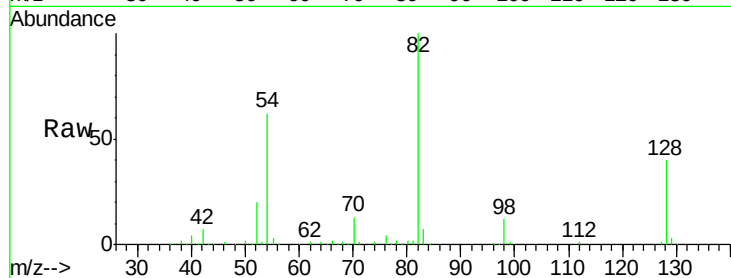
Tgt Ion: 82 Resp: 383971

Ion Ratio Lower Upper

82 100

128 39.8 51.0 76.6#

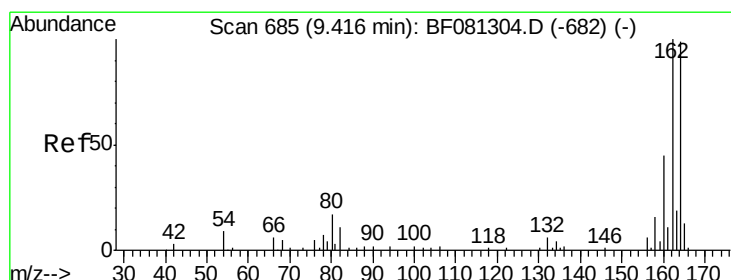
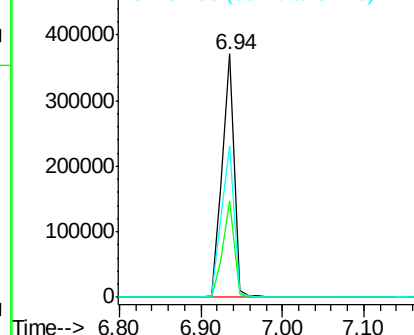
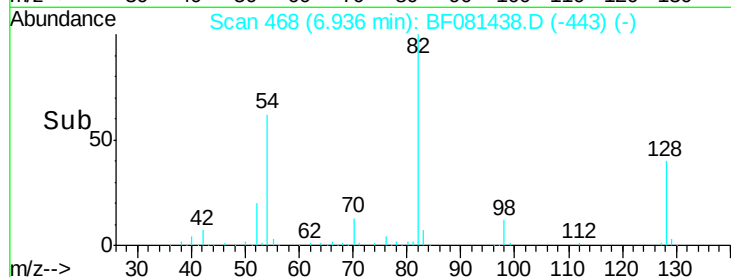
54 62.4 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

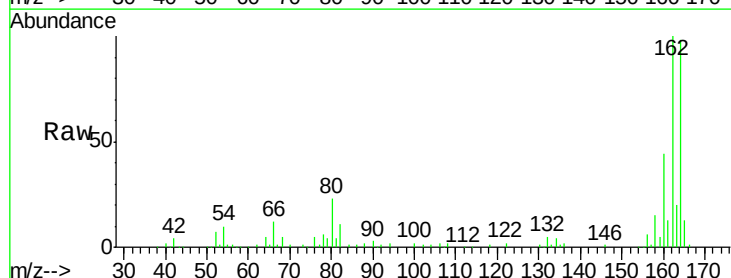
Tgt Ion: 164 Resp: 110136

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

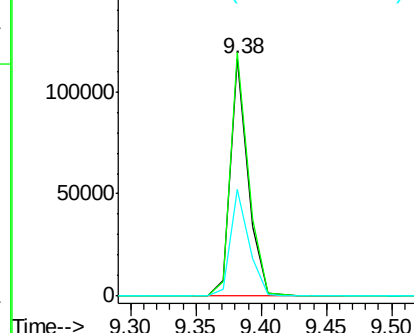
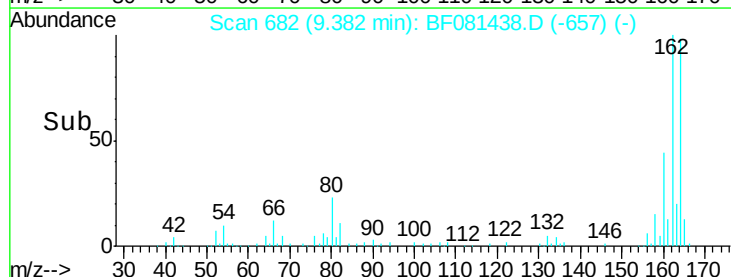
160 45.0 31.5 47.3

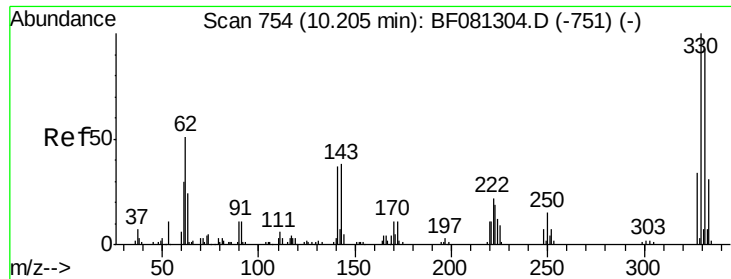


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

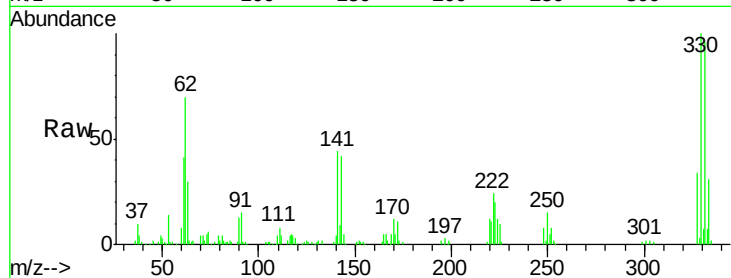




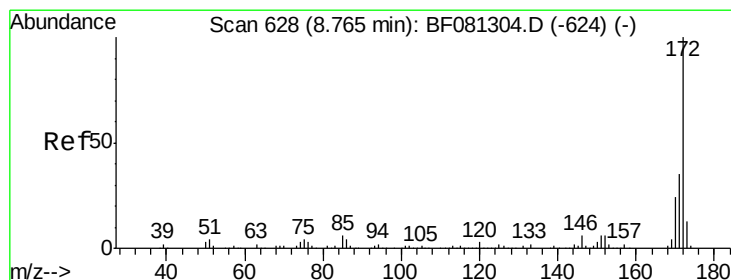
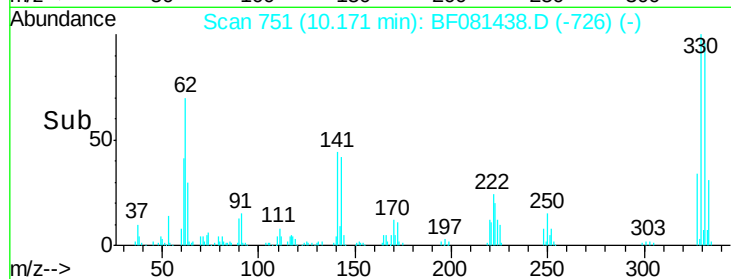
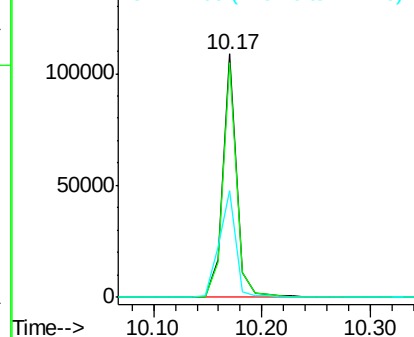
#41
 2,4,6-Tribromophenol
 Concen: 98.97 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081438.D
 Acq: 5 Sep 2015 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(8-9)

Tgt Ion:330 Resp: 97060
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 52.8 29.7 44.5#

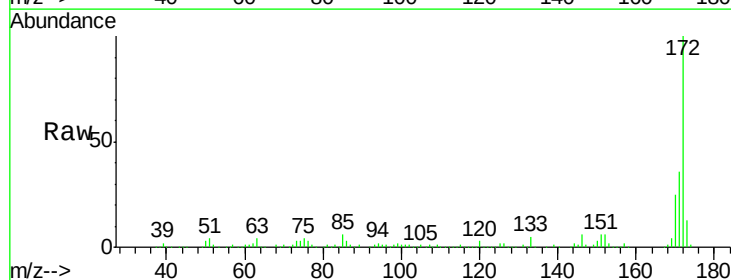


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

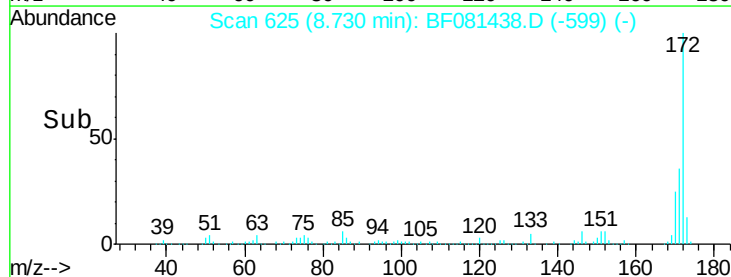
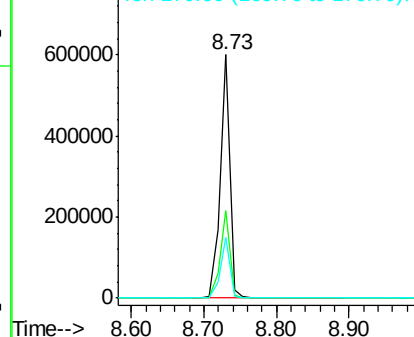


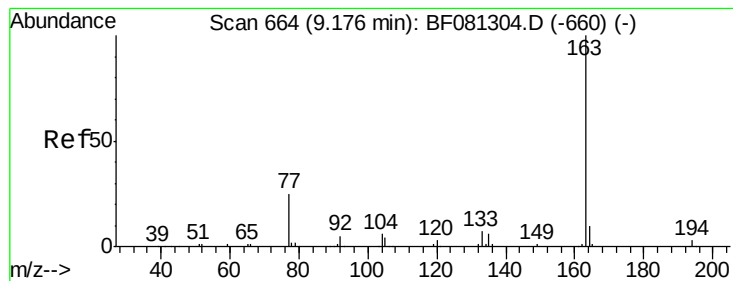
#44
 2-Fluorobiphenyl
 Concen: 64.14 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081438.D
 Acq: 5 Sep 2015 1:00

Tgt Ion:172 Resp: 551276
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.7 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: 9.27 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Instrument :

BNA_F

ClientSampleId :

SB-12(8-9)

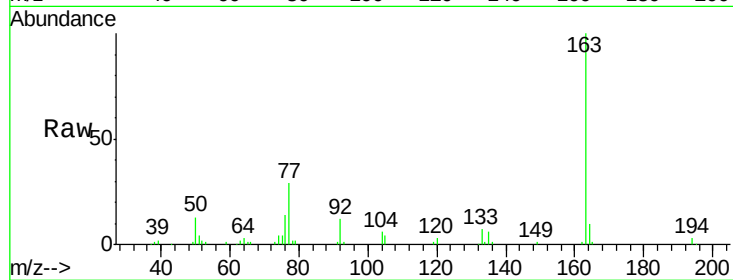
Tgt Ion:163 Resp: 79306

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

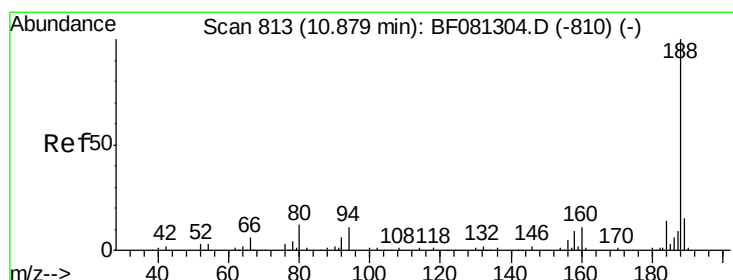
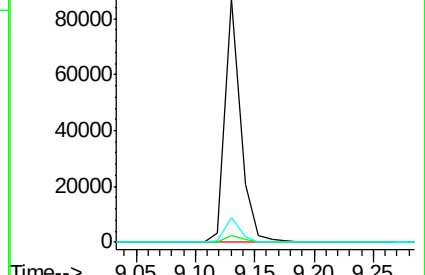
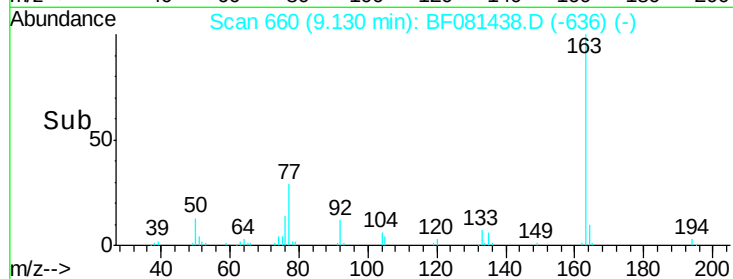
164 10.2 8.3 12.5



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: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

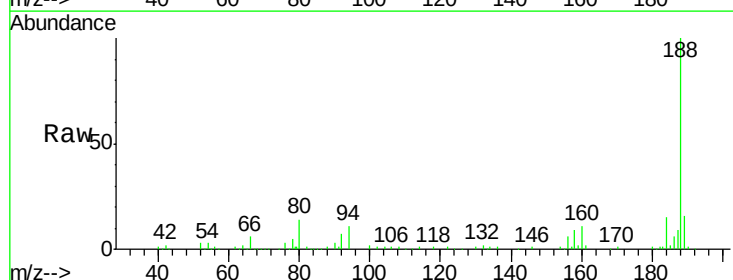
Tgt Ion:188 Resp: 214444

Ion Ratio Lower Upper

188 100

94 11.4 11.1 16.7

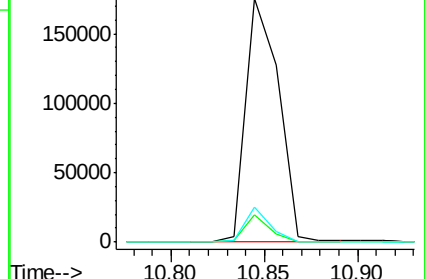
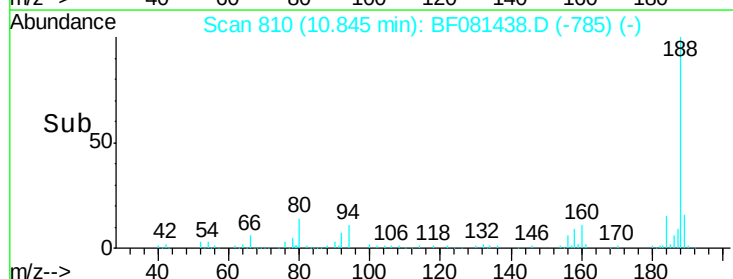
80 14.1 11.0 16.4

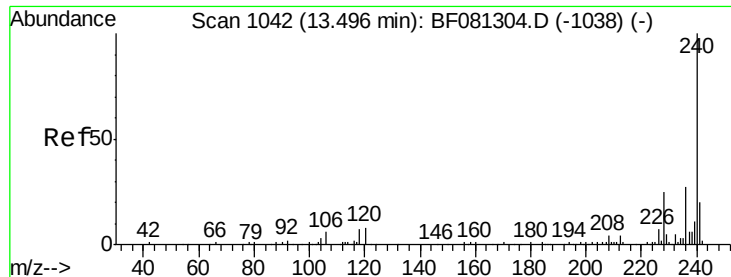


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

Instrument :

BNA_F

ClientSampleId :

SB-12(8-9)

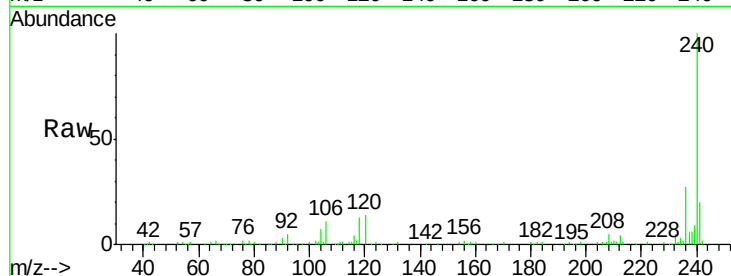
Tgt Ion:240 Resp: 161968

Ion Ratio Lower Upper

240 100

120 14.3 16.2 24.2#

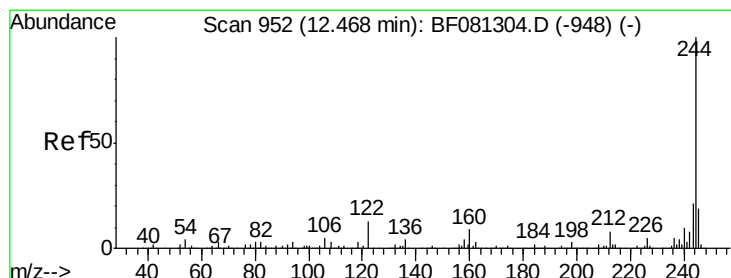
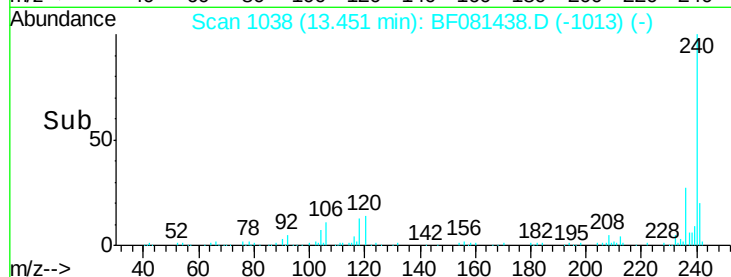
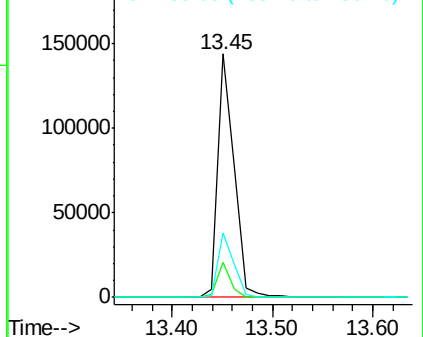
236 26.6 18.4 27.6



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: 65.38 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081438.D

Acq: 5 Sep 2015 1:00

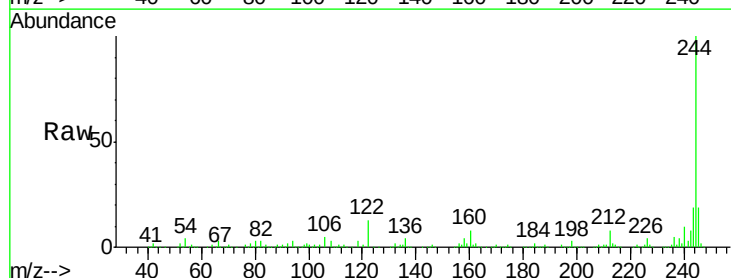
Tgt Ion:244 Resp: 454900

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

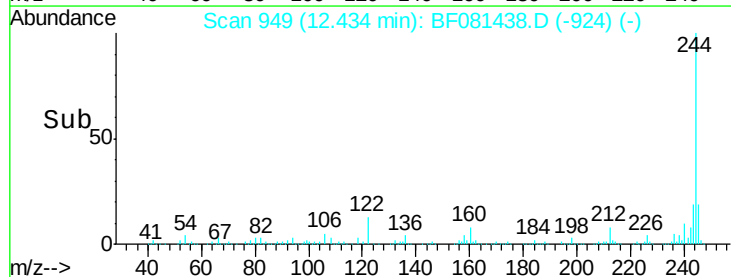
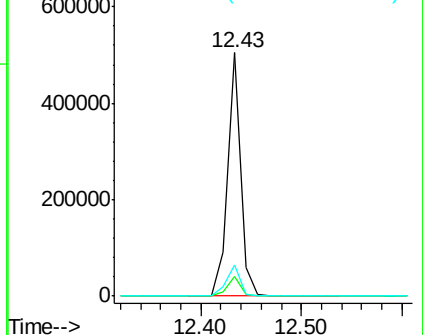
122 12.6 17.4 26.2#

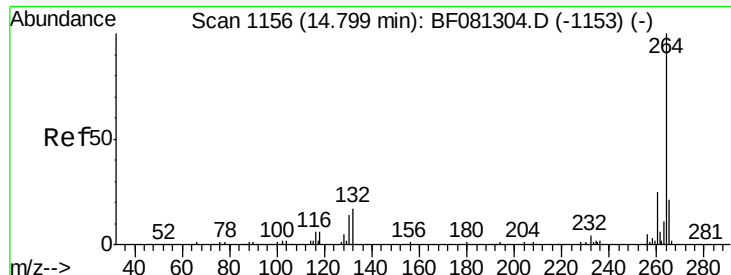


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081438.D
Acq: 5 Sep 2015 1:00

Instrument :
BNA_F
ClientSampleId :
SB-12(8-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	20.9	17.2	25.8

