

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079669.D
 Acq On : 3 Jun 2015 18:43
 Operator : TP/IZ
 Sample : G2452-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

Quant Time: Jun 04 03:28:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	90758	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	350968	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	177339	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	358812	20.00	ng	-0.02
75) Chrysene-d12	15.25	240	391596	20.00	ng	-0.14
86) Perylene-d12	17.29	264	369810	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	559799	111.78	ng	0.00
7) Phenol-d6	7.11	99	686552	104.89	ng	0.00
23) Nitrobenzene-d5	8.07	82	374819	64.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.39	330	158563	108.34	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	900733	76.22	ng	0.00
78) Terphenyl-d14	13.89	244	1142741	73.38	ng	-0.07

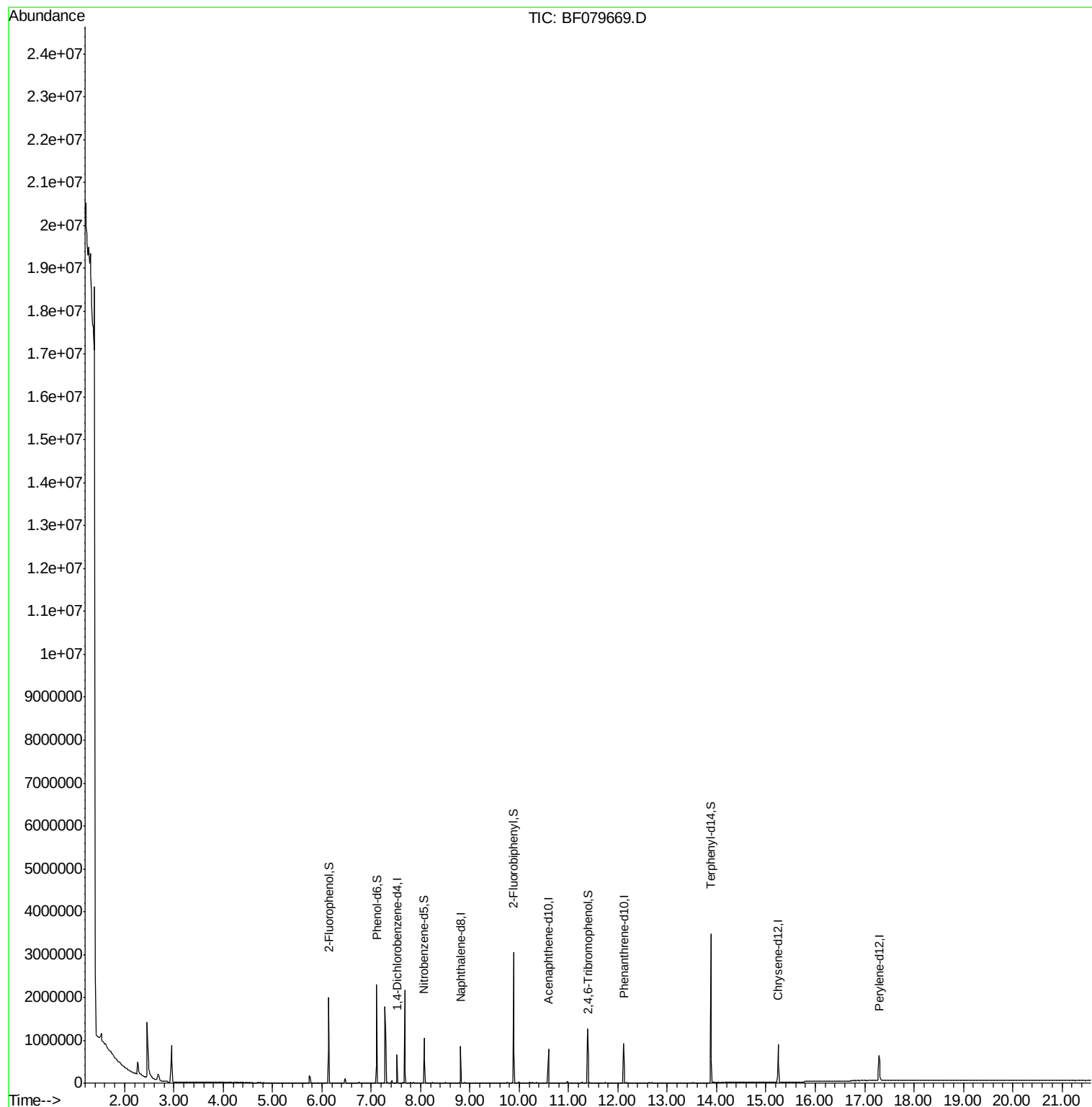
Target Compounds Qvalue

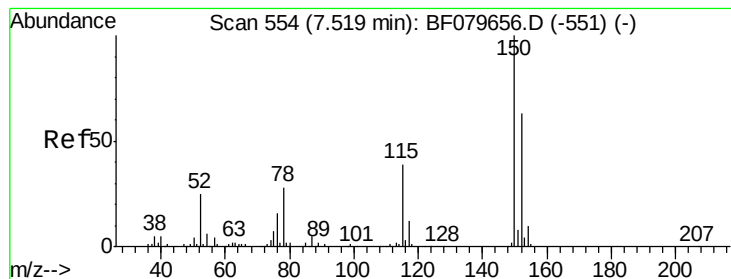
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

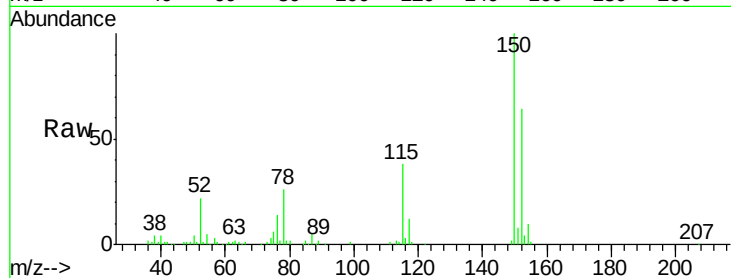
Tot Ion:152 Resp: 90758

Ion Ratio Lower Upper

152 100

150 155.3 126.7 190.1

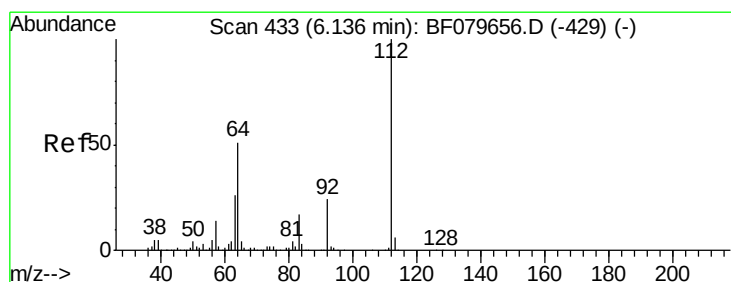
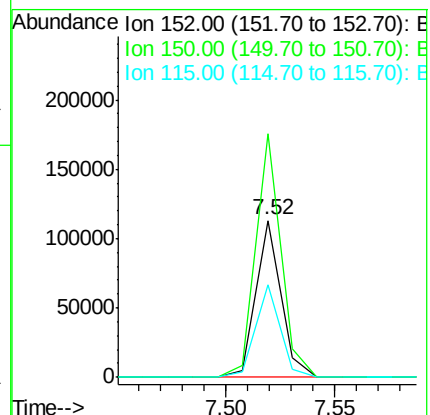
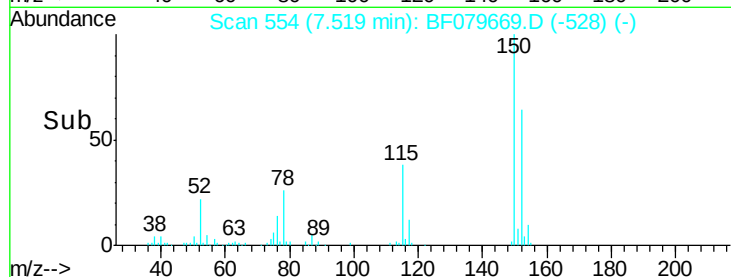
115 59.0 49.2 73.8



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: 111.78 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

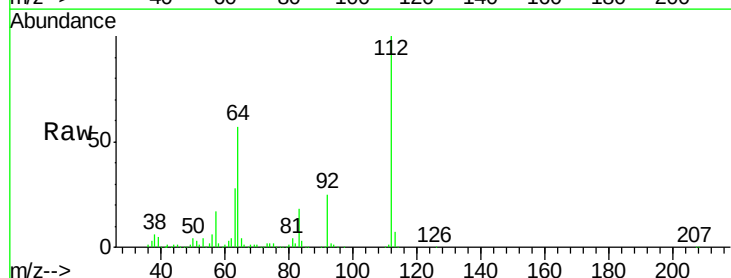
Tgt Ion:112 Resp: 559799

Ion Ratio Lower Upper

112 100

64 56.5 41.1 61.7

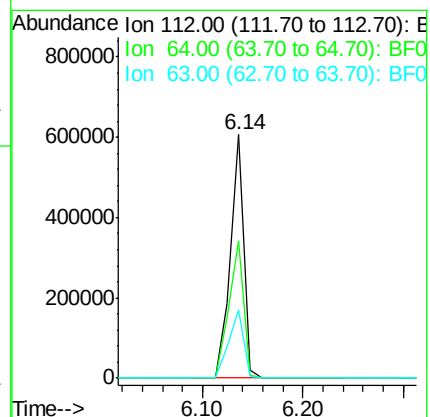
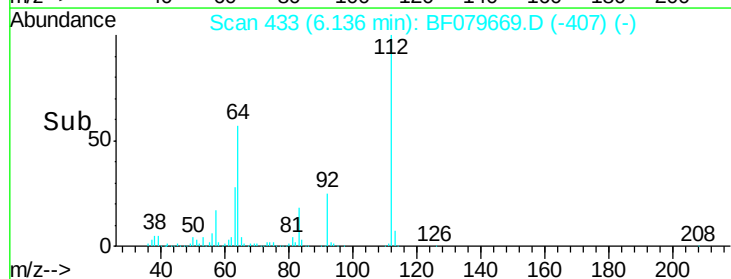
63 27.9 20.5 30.7

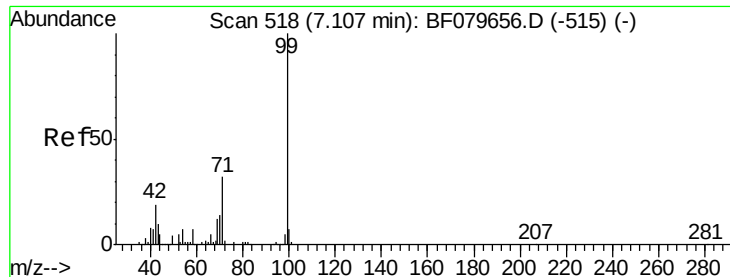


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.89 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampled :

WC-052915

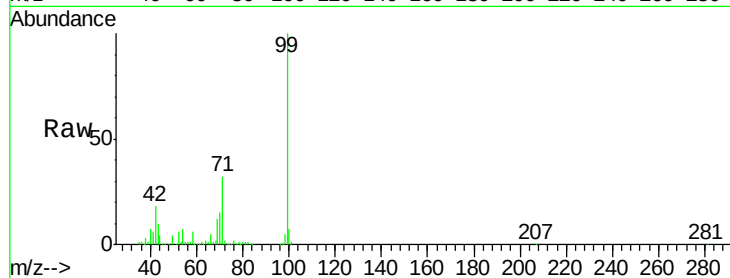
Tot Ion: 99 Resp: 686552

Ion Ratio Lower Upper

99 100

42 18.4 15.2 22.8

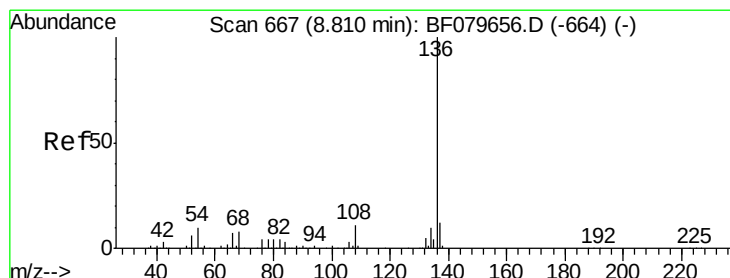
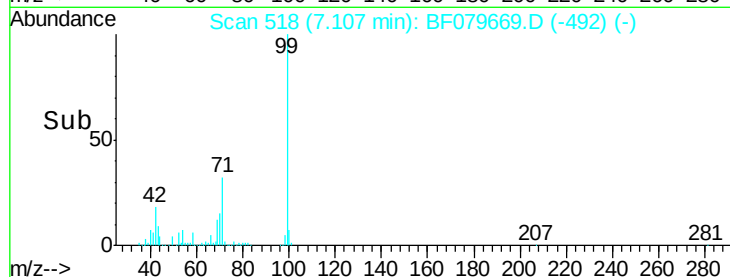
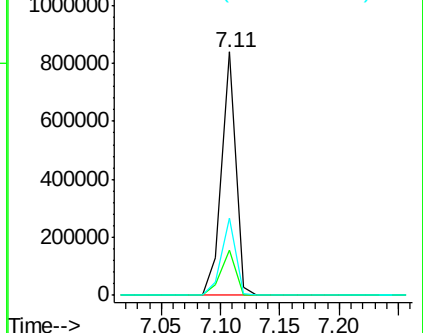
71 31.9 25.9 38.9



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Tgt Ion: 136 Resp: 350968

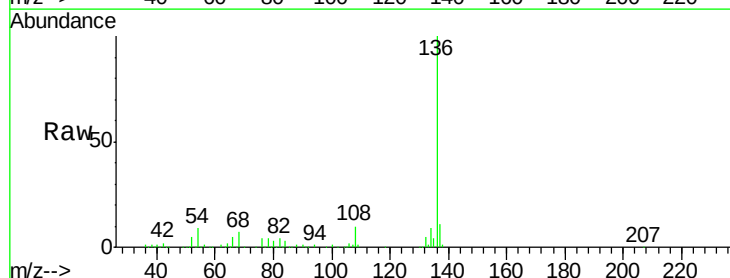
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 9.4 8.3 12.5

68 6.8 6.1 9.1

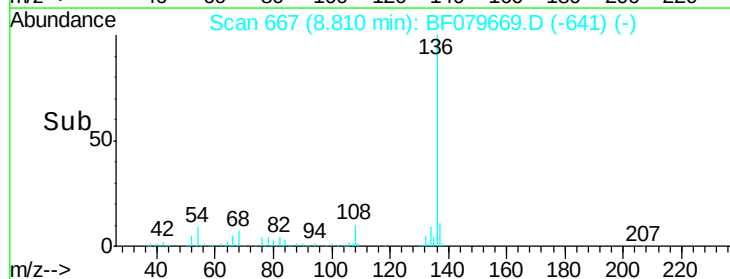
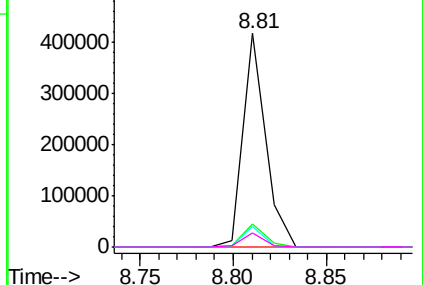


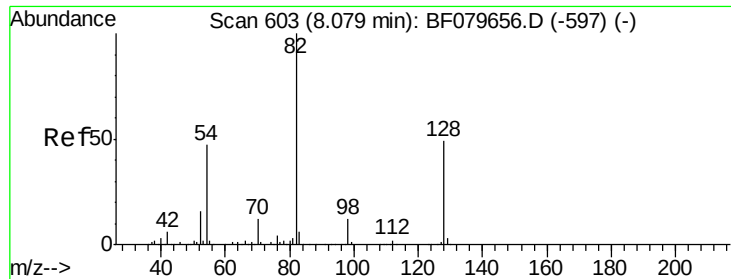
Abundance Ion 136.00 (135.70 to 136.70): E

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

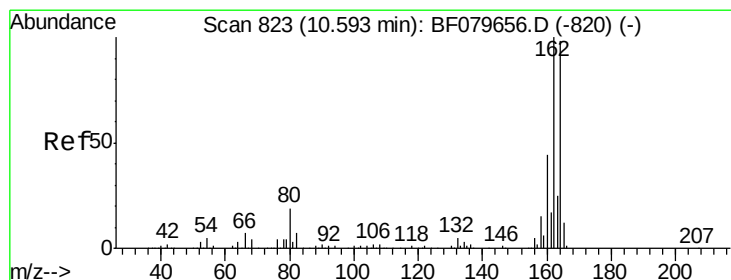
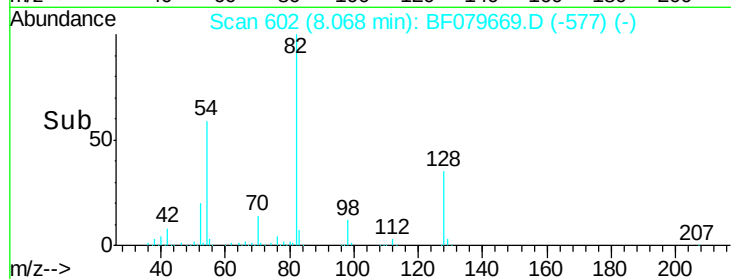
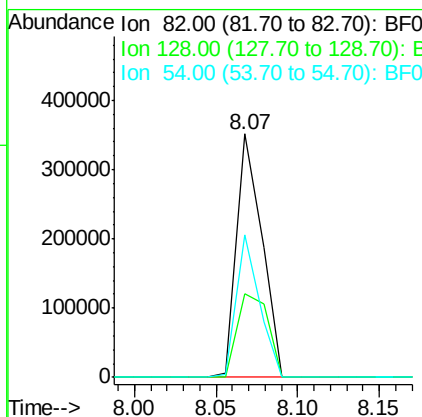
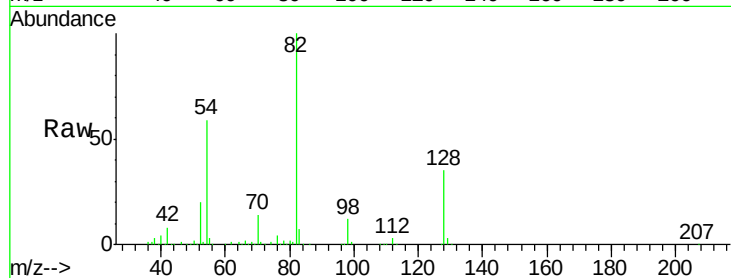




#23
 Nitrobenzene-d5
 Concen: 64.13 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

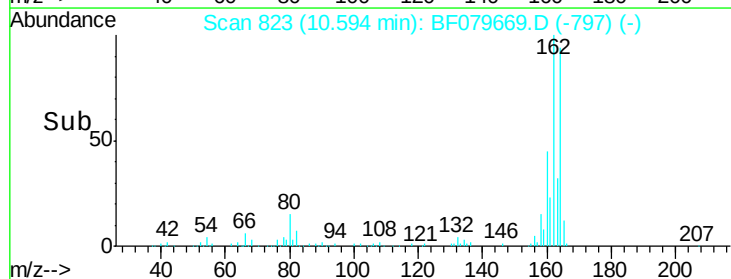
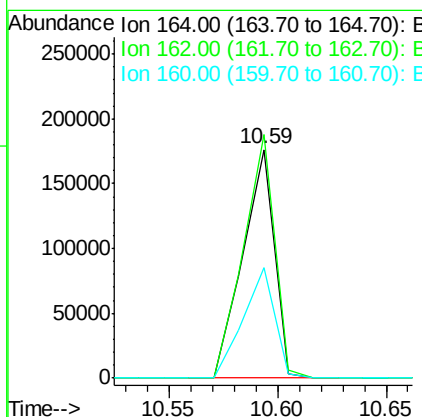
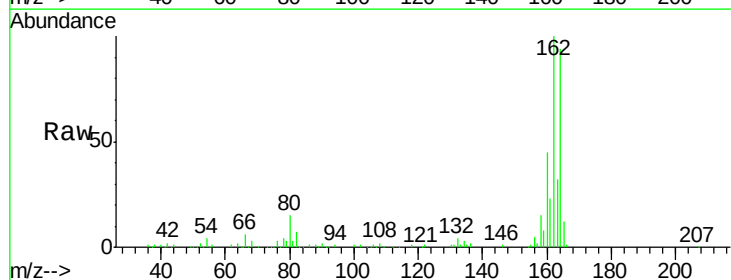
Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

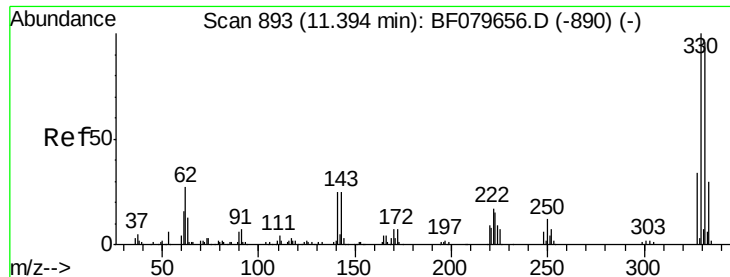
Tot Ion: 82 Resp: 374819
 Ion Ratio Lower Upper
 82 100
 128 34.6 39.4 59.0#
 54 58.7 37.4 56.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Tgt Ion:164 Resp: 177339
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.0 123.0
 160 48.2 35.9 53.9

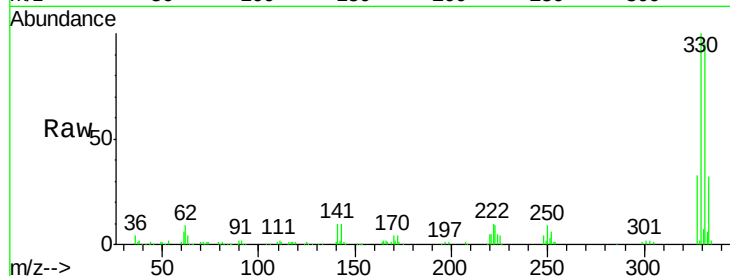




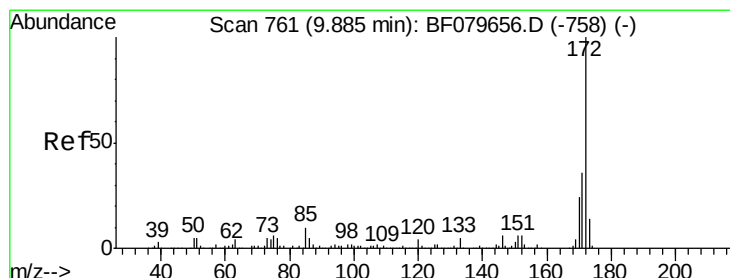
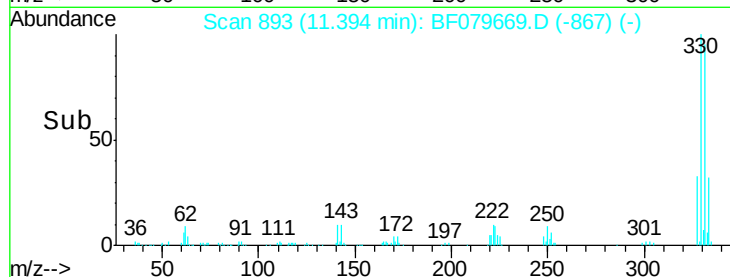
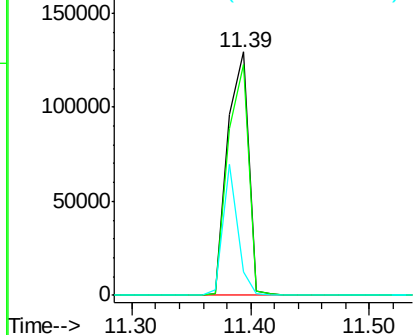
#41
 2,4,6-Tribromophenol
 Concen: 108.34 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.3	115.9
141	37.2	27.4	41.2

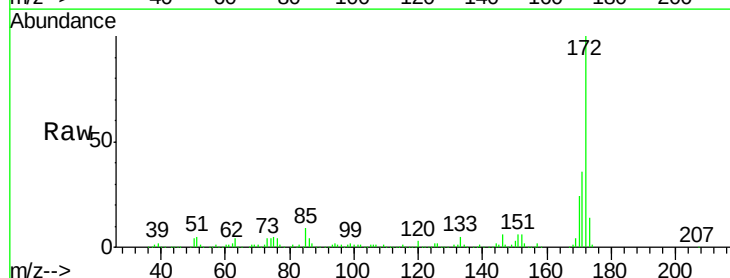


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

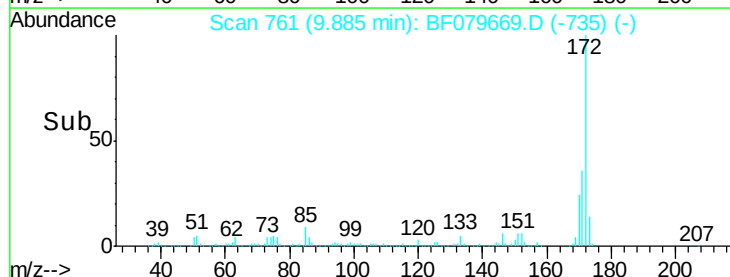
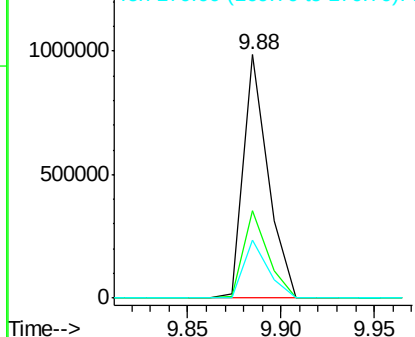


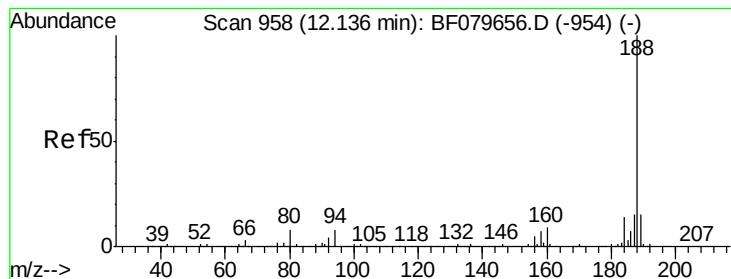
#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	24.0	19.2	28.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

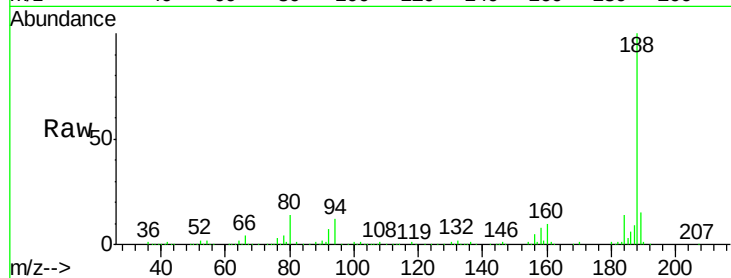
Tot Ion:188 Resp: 358812

Ion Ratio Lower Upper

188 100

94 12.0 6.1 9.1#

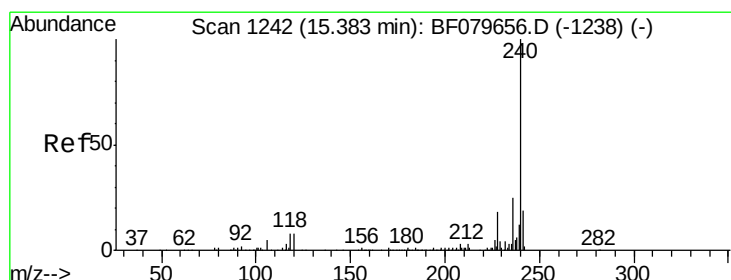
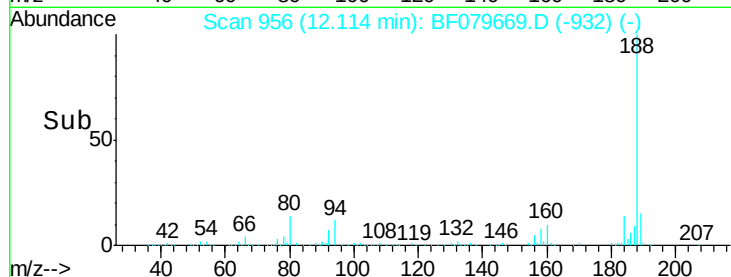
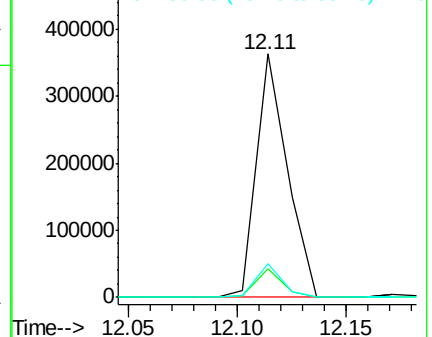
80 13.6 6.2 9.2#



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: 15.25 min Scan# 1230

Delta R.T. -0.14 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

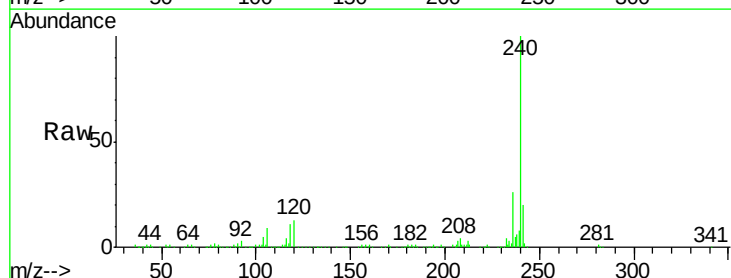
Tgt Ion:240 Resp: 391596

Ion Ratio Lower Upper

240 100

120 12.7 6.4 9.6#

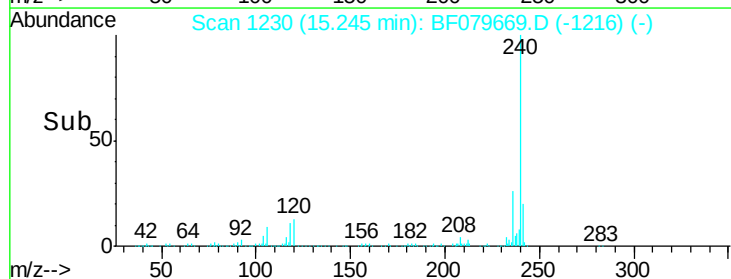
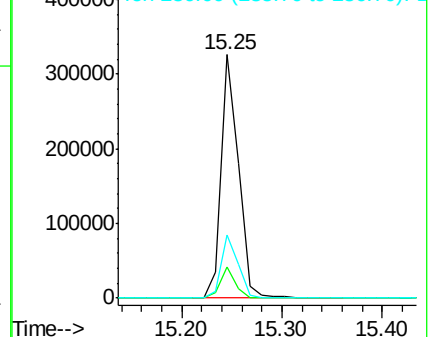
236 25.8 20.2 30.4

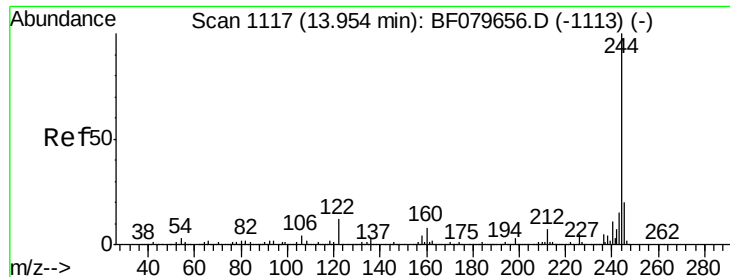


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.38 ng

RT: 13.89 min Scan# 1111

Delta R.T. -0.07 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

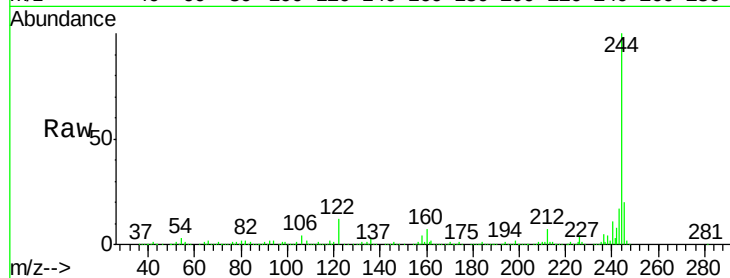
Tot Ion:244 Resp: 1142741

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

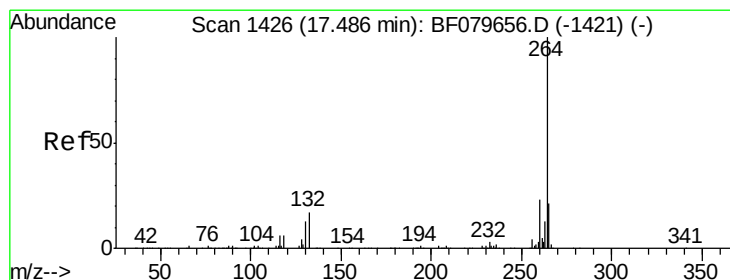
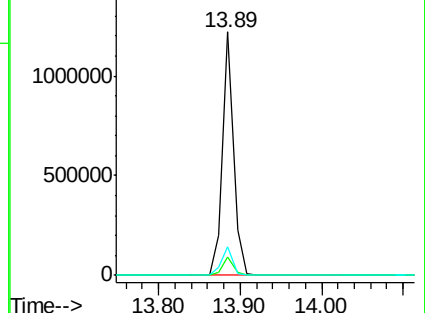
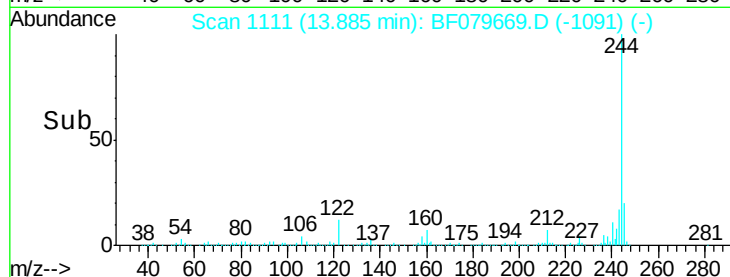
122 11.6 9.8 14.6



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: 17.29 min Scan# 1409

Delta R.T. -0.19 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

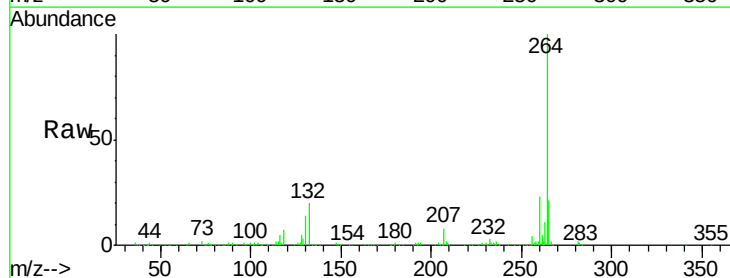
Tgt Ion:264 Resp: 369810

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.5 17.4 26.0



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

