

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080354.D
 Acq On : 6 Jul 2015 19:52
 Operator : TP/IZ
 Sample : PB84373BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

Quant Time: Jul 07 05:00:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	34572	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	125787	20.00	ng	0.00
38) Acenaphthene-d10	10.28	164	60893	20.00	ng	-0.01
63) Phenanthrene-d10	11.79	188	137429	20.00	ng	0.00
75) Chrysene-d12	14.73	240	145860	20.00	ng	-0.01
86) Perylene-d12	16.57	264	130713	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	243809	129.16	ng	0.00
7) Phenol-d6	6.83	99	288557	115.32	ng	0.00
23) Nitrobenzene-d5	7.78	82	160619	74.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	81486	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	408895	90.62	ng	0.00
78) Terphenyl-d14	13.47	244	507156	81.10	ng	0.00

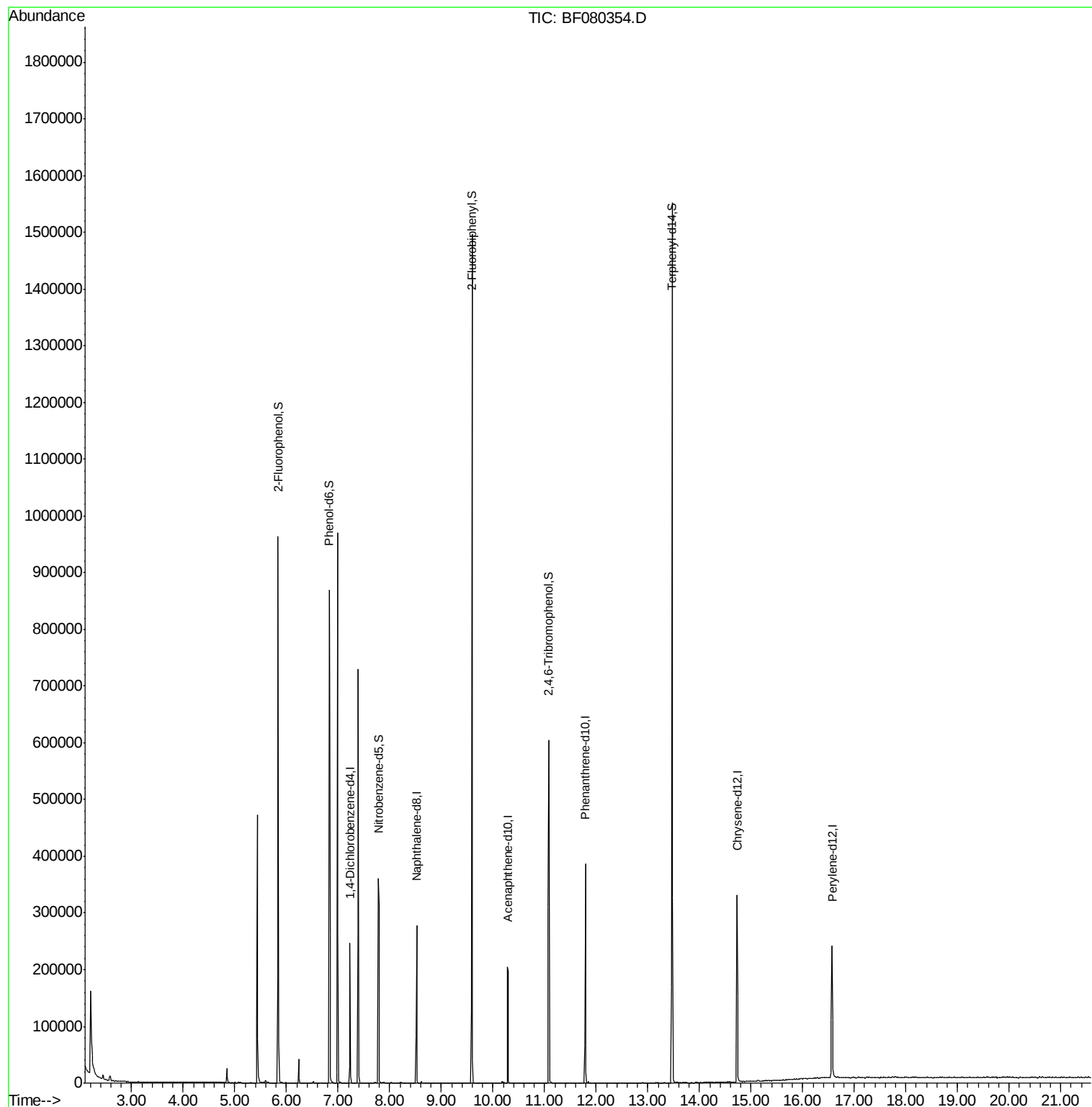
Target Compounds	Qvalue
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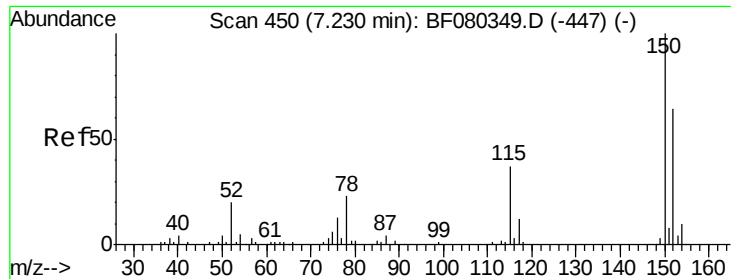
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 03:05:40 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

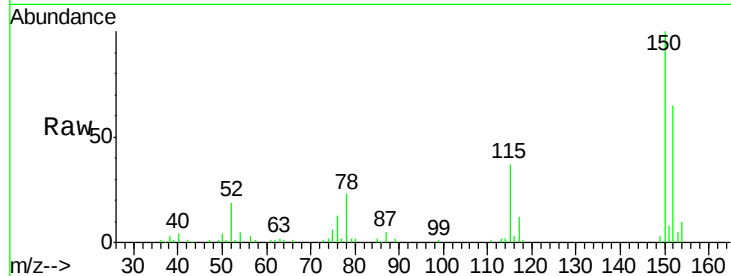
Tgt Ion:152 Resp: 34572

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

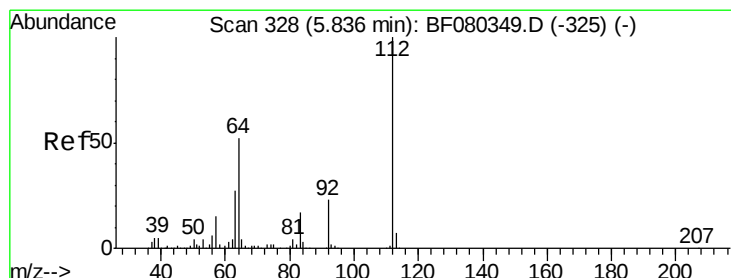
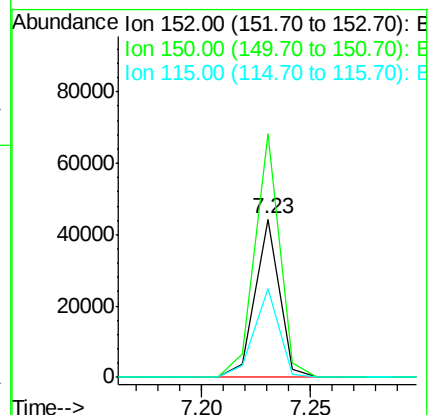
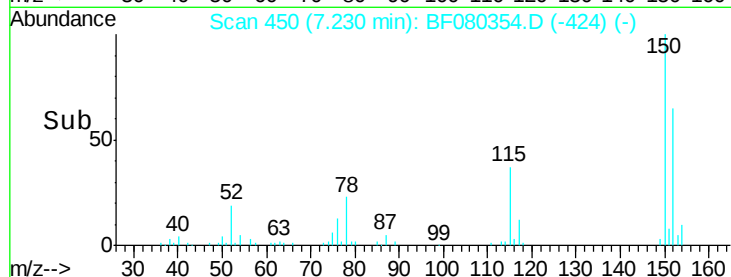
115 56.4 45.7 68.5



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: 129.16 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

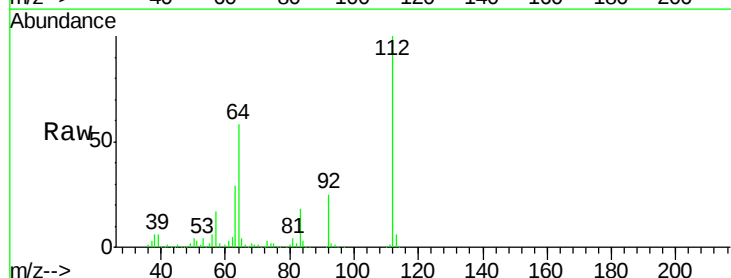
Tgt Ion:112 Resp: 243809

Ion Ratio Lower Upper

112 100

64 57.6 41.8 62.6

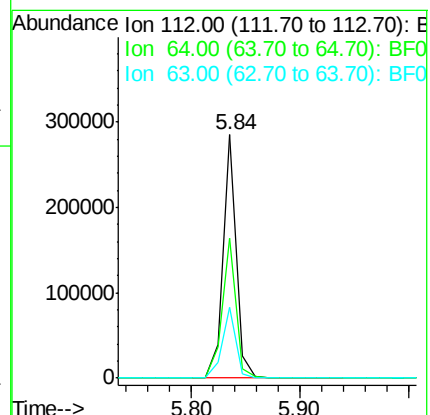
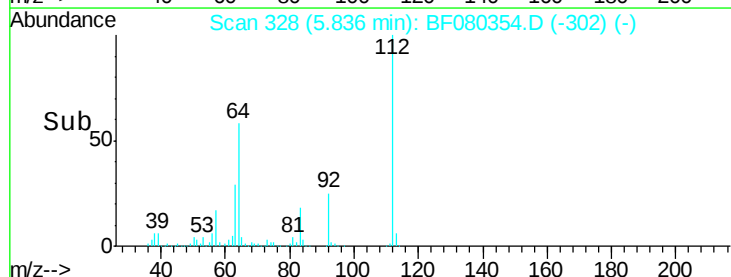
63 29.2 21.5 32.3

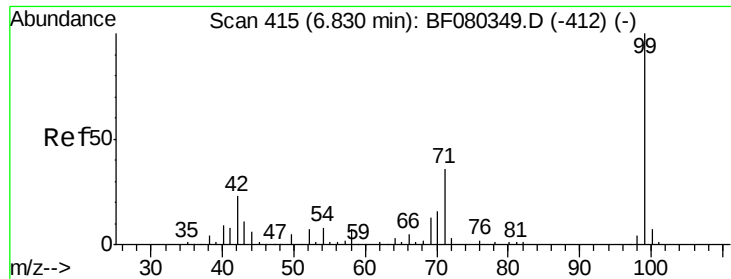


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.32 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

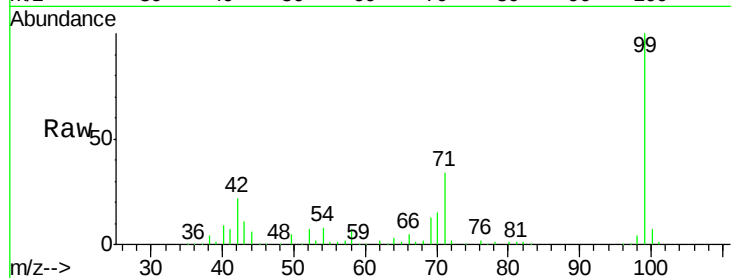
Tgt Ion: 99 Resp: 288557

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

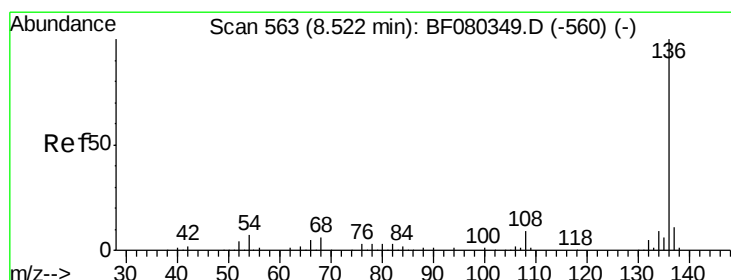
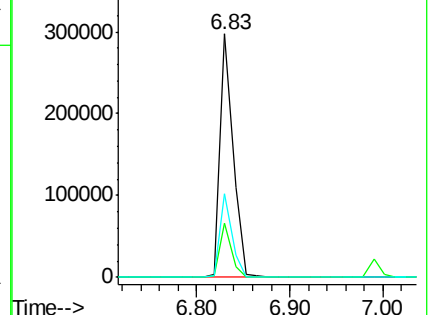
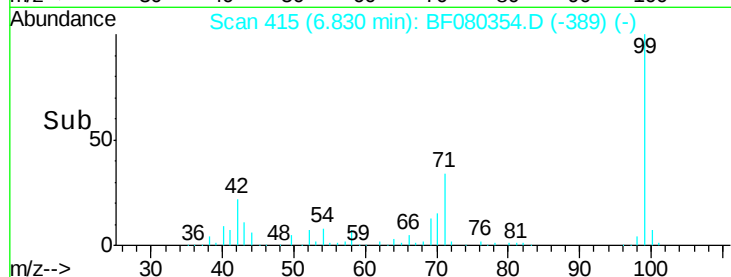
71 34.2 28.5 42.7



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: 8.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Tgt Ion: 136 Resp: 125787

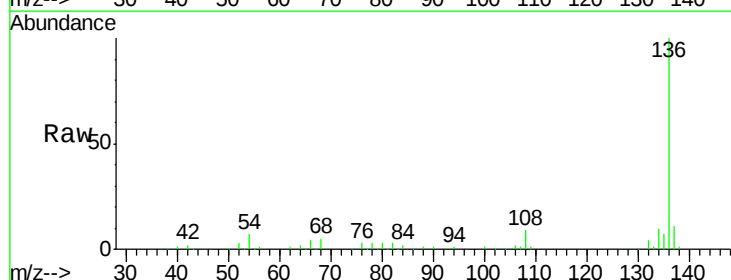
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.6 5.8 8.8

68 4.8 4.6 6.8

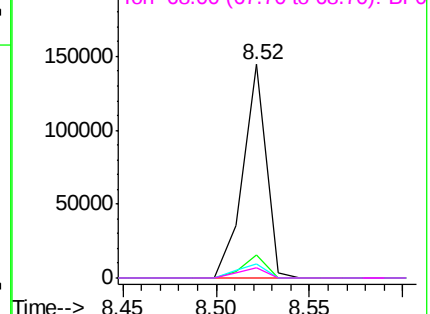
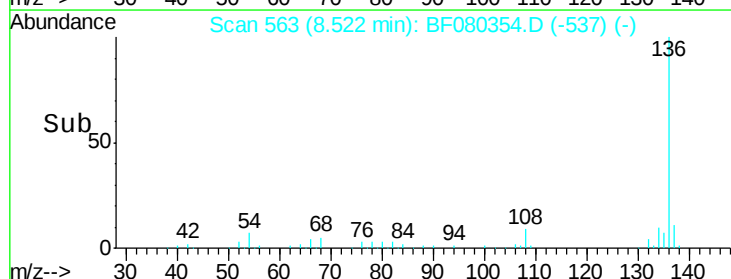


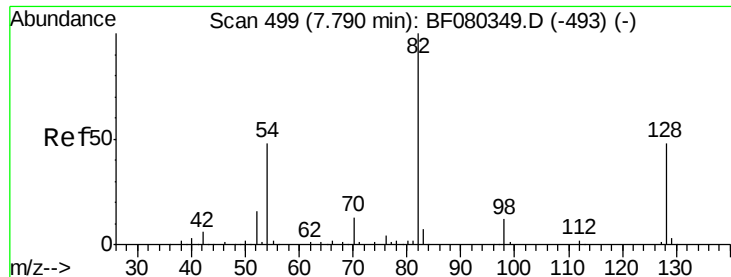
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.48 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

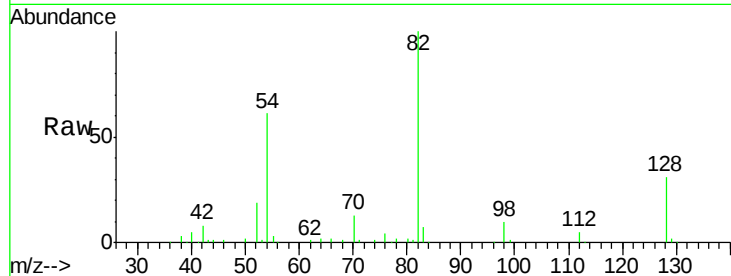
Tgt Ion: 82 Resp: 160619

Ion Ratio Lower Upper

82 100

128 31.3 38.4 57.6#

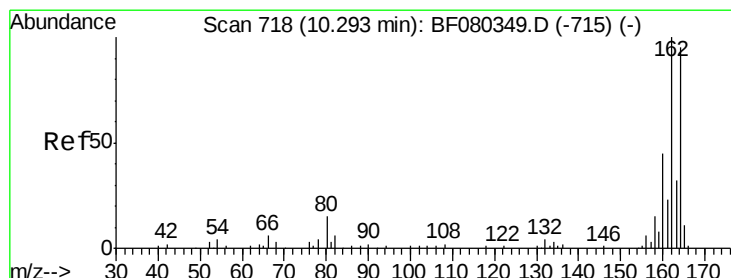
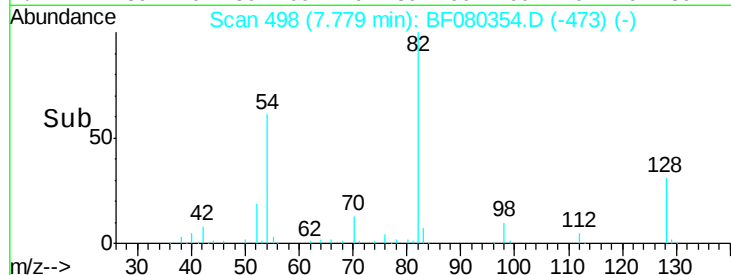
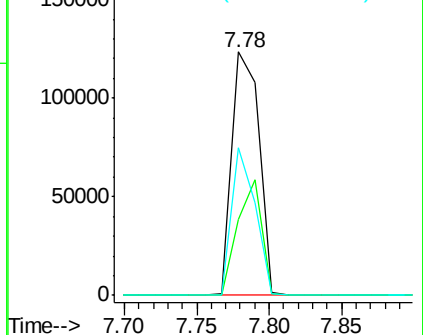
54 60.8 38.2 57.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

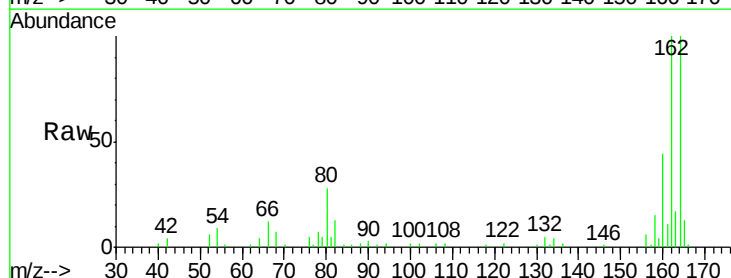
Tgt Ion: 164 Resp: 60893

Ion Ratio Lower Upper

164 100

162 100.3 84.5 126.7

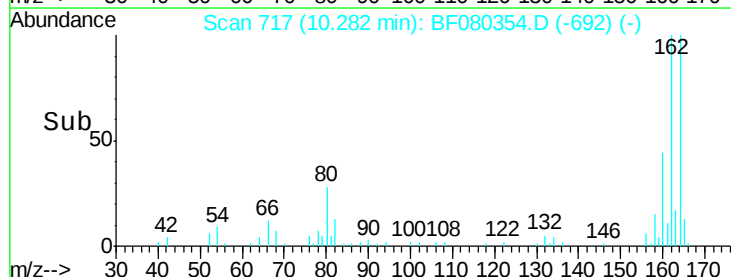
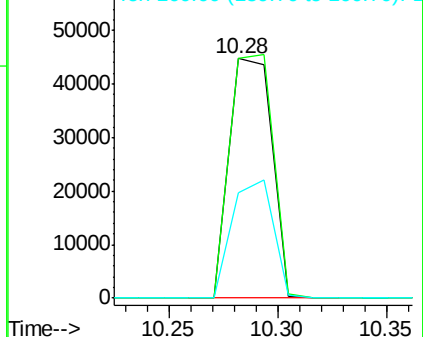
160 44.0 37.7 56.5

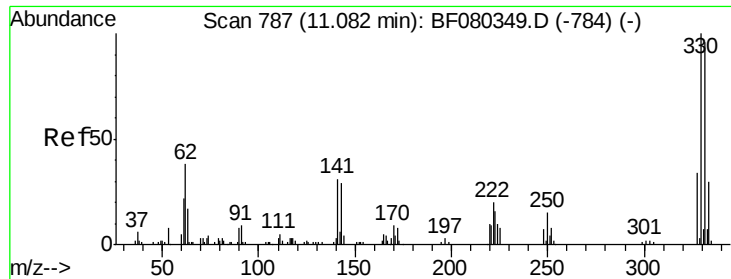


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

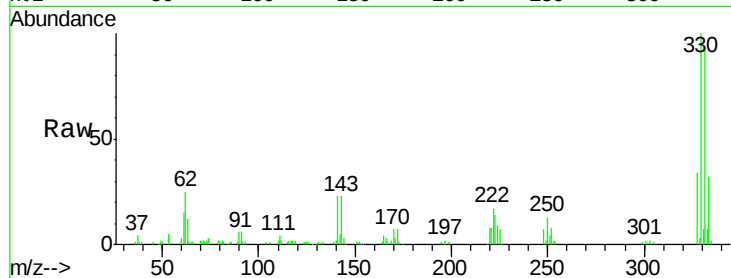




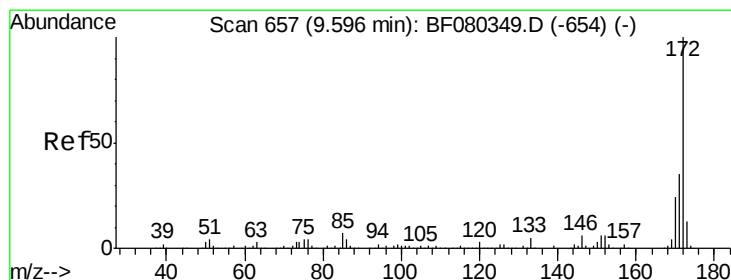
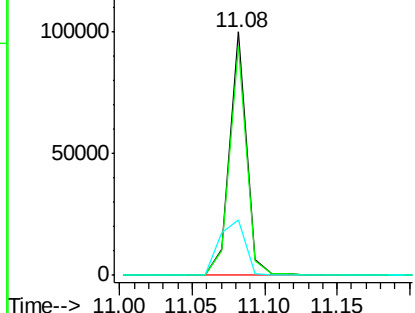
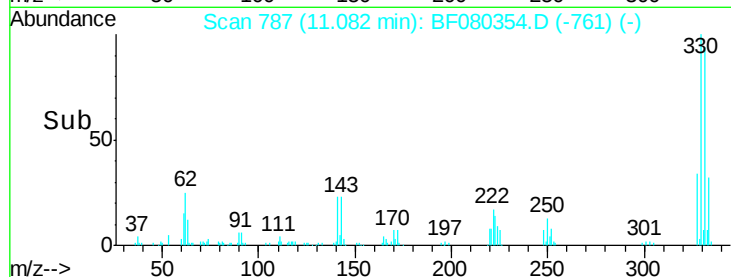
#41
 2,4,6-Tribromophenol
 Concen: 127.89 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

Tgt Ion:330 Resp: 81486
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.4
 141 34.9 29.6 44.4

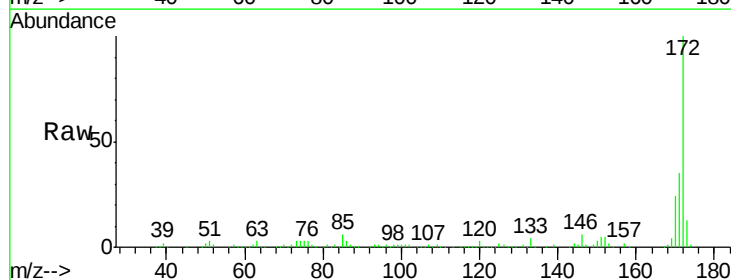


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

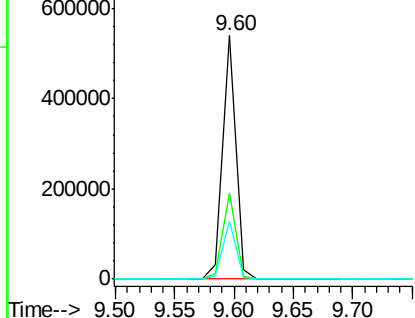
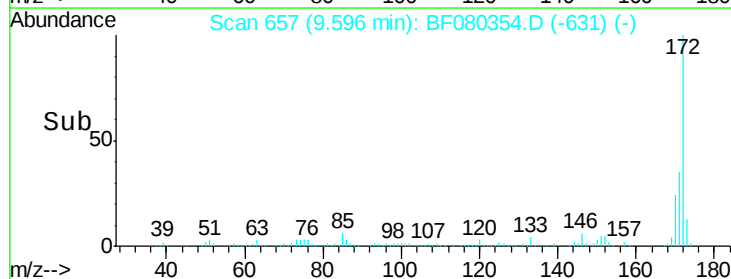


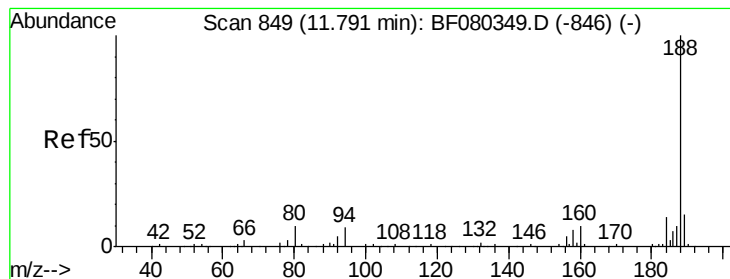
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Tgt Ion:172 Resp: 408895
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.7 19.1 28.7



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: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

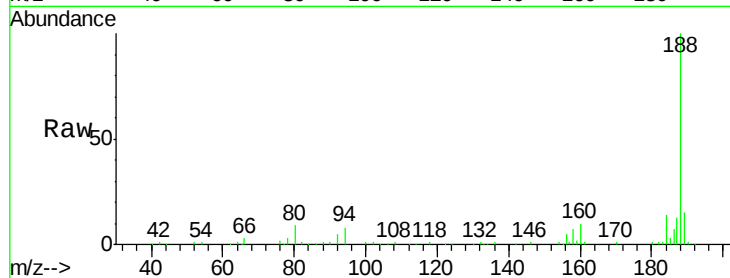
Tgt Ion:188 Resp: 137429

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

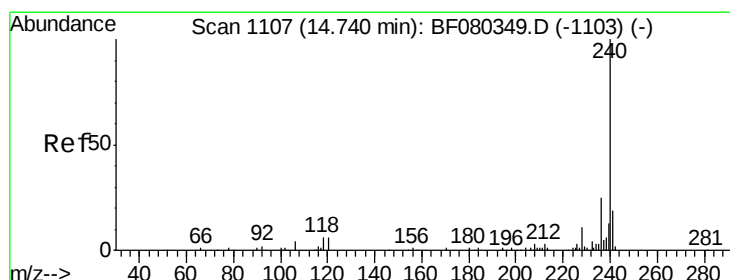
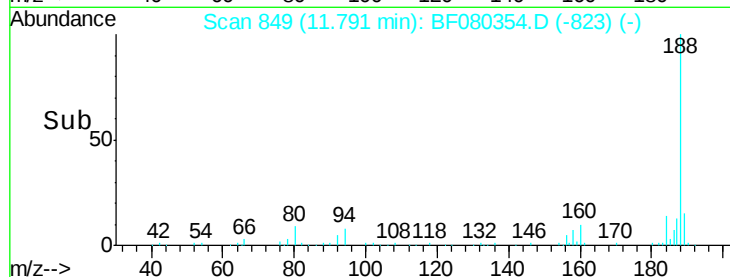
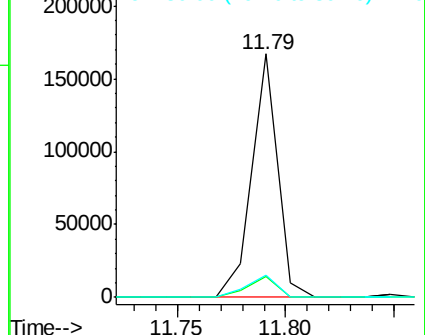
80 8.9 8.3 12.5



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: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

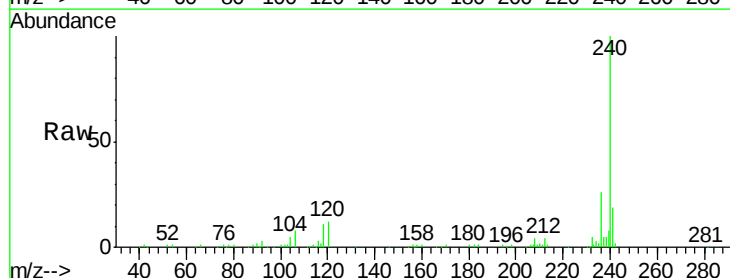
Tgt Ion:240 Resp: 145860

Ion Ratio Lower Upper

240 100

120 12.1 5.1 7.7#

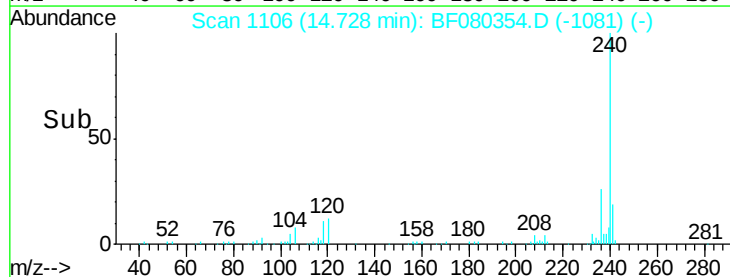
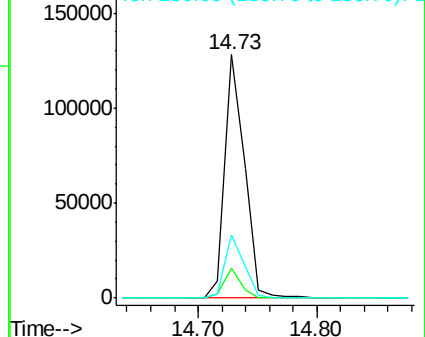
236 26.1 20.4 30.6

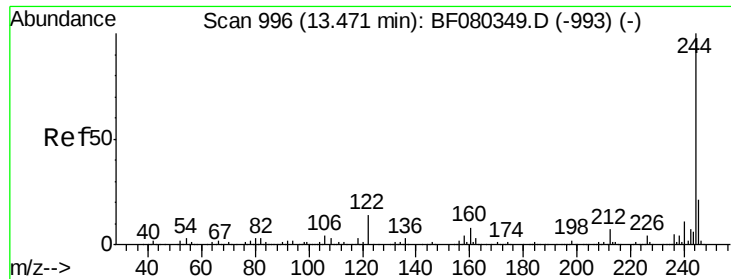


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

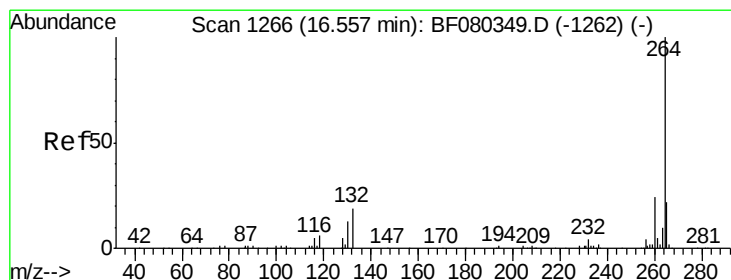
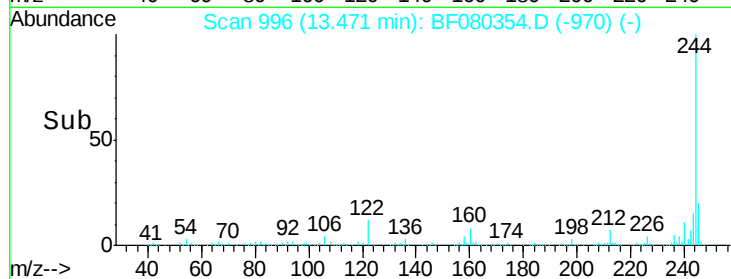
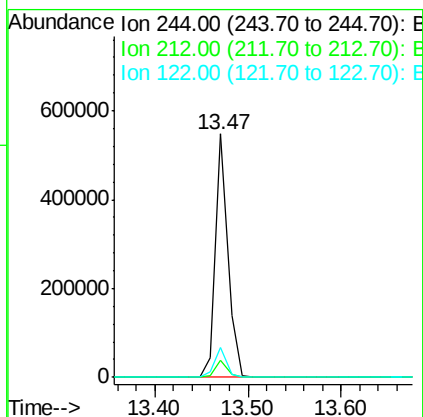
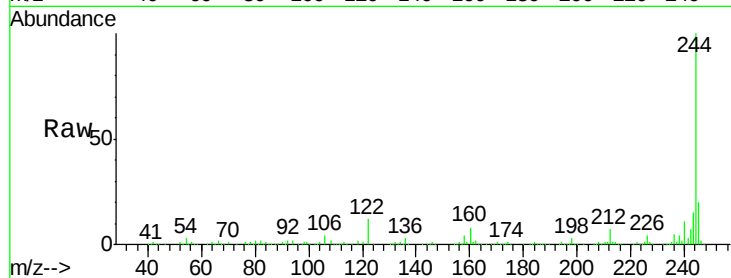




#78
 Terphenyl-d14
 Concen: 81.10 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

Tgt Ion:244 Resp: 507156
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.0 11.1 16.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Tgt Ion:264 Resp: 130713
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.0 17.6 26.4

