

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087692.D
 Acq On : 5 Jun 2016 6:40
 Operator : UM/SJ
 Sample : H3344-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Quant Time: Jun 06 01:26:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

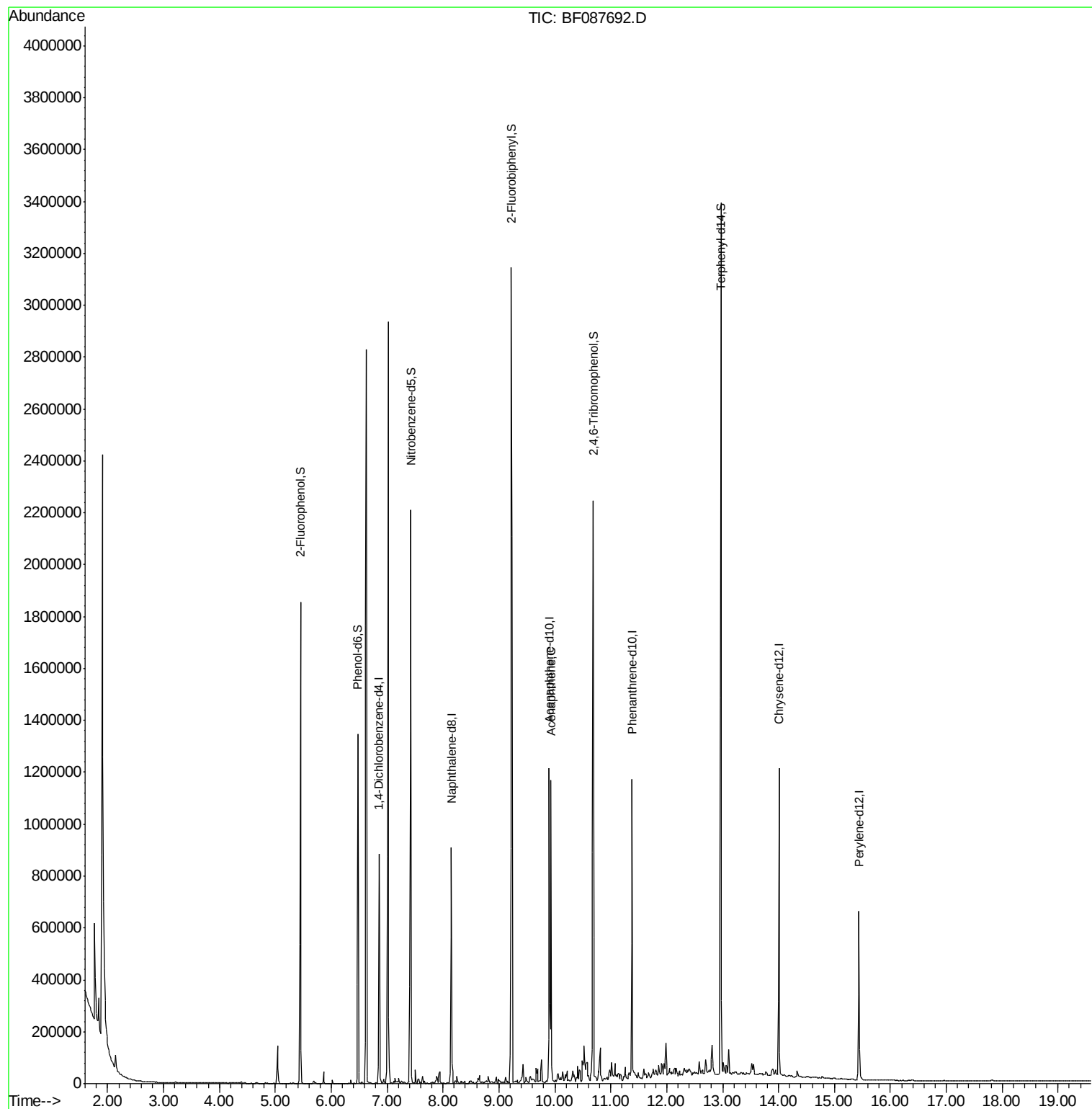
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126754	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	525003	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	237858	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	462053	20.00	ng	0.00
75) Chrysene-d12	14.01	240	379255	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	507226	64.68	ng	0.00
7) Phenol-d6	6.48	99	450631	45.82	ng	-0.01
23) Nitrobenzene-d5	7.43	82	926543	102.11	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	335580	140.55	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1504513	105.27	ng	-0.01
78) Terphenyl-d14	12.97	244	1124052	72.32	ng	0.00
Target Compounds						
51) Acenaphthene	9.93	154	237741	15.42	ng	Qvalue 99

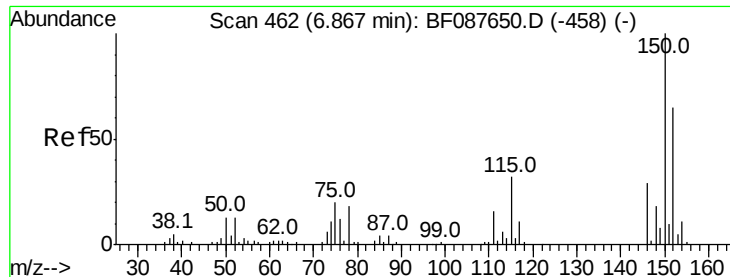
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Instrument :

BNA_F

ClientSampleId :

MW-101

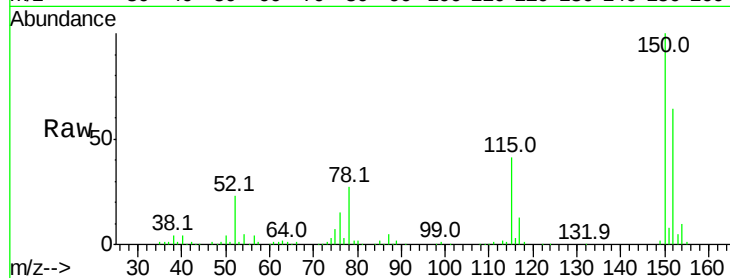
Tot Ion:152 Resp: 126754

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

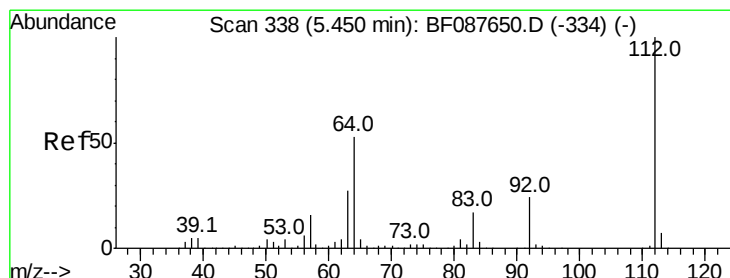
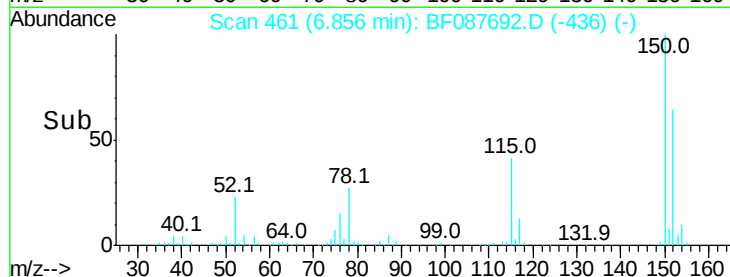
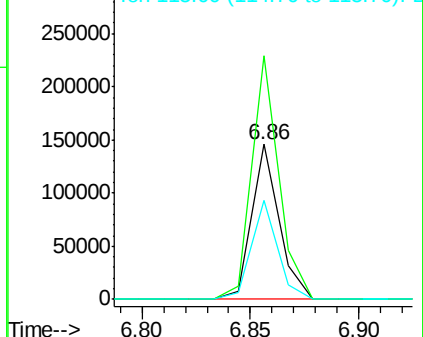
115 63.8 39.6 59.4#



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: 64.68 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

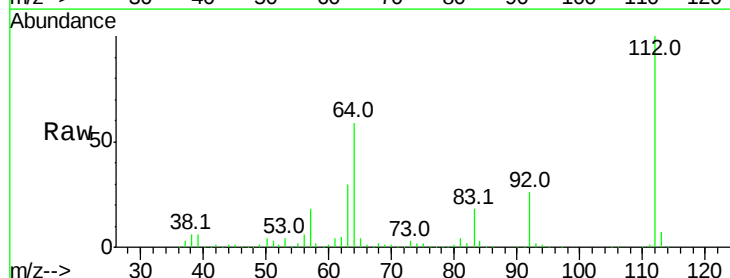
Tgt Ion:112 Resp: 507226

Ion Ratio Lower Upper

112 100

64 58.6 42.2 63.2

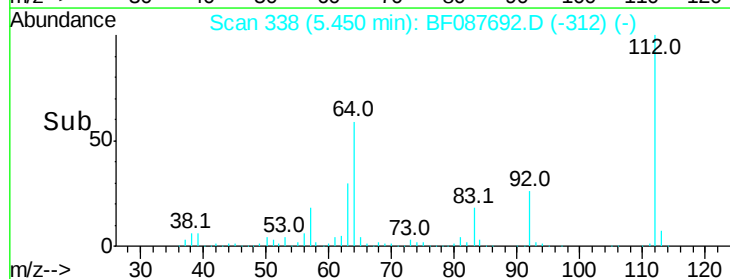
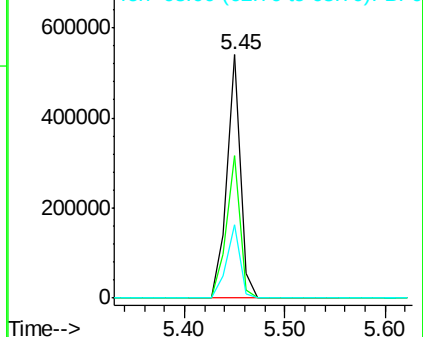
63 30.2 21.8 32.8

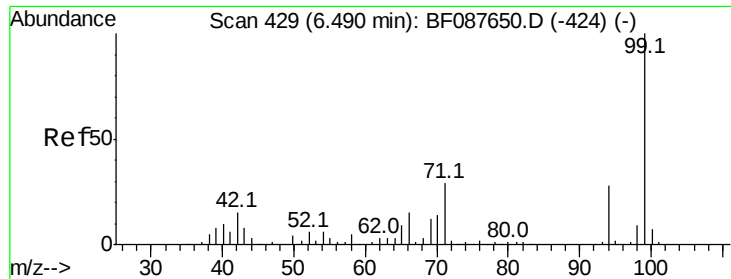


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.82 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Instrument :

BNA_F

ClientSampleId :

MW-101

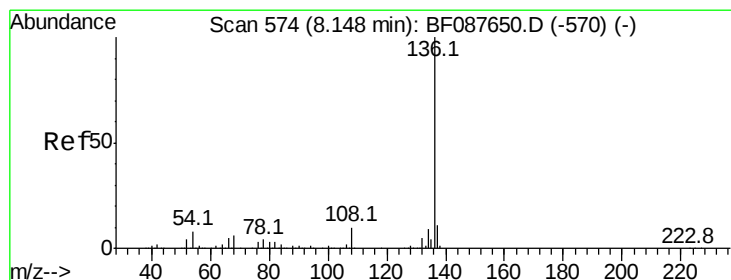
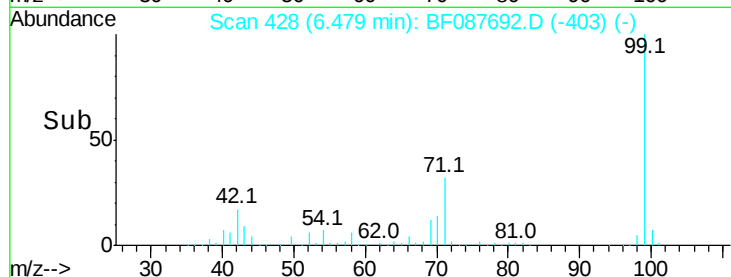
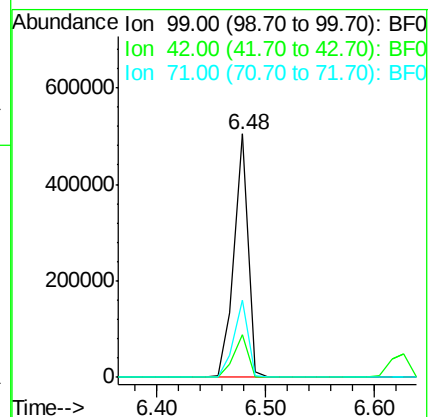
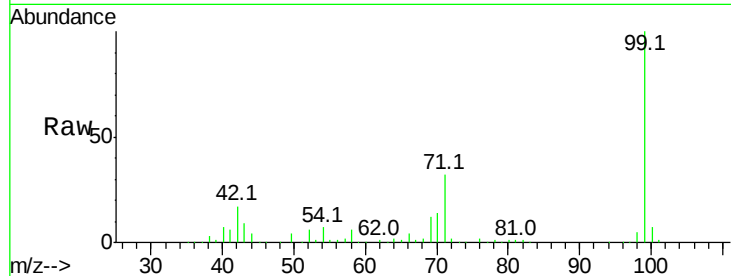
Tot Ion: 99 Resp: 450631

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 31.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Tgt Ion: 136 Resp: 525003

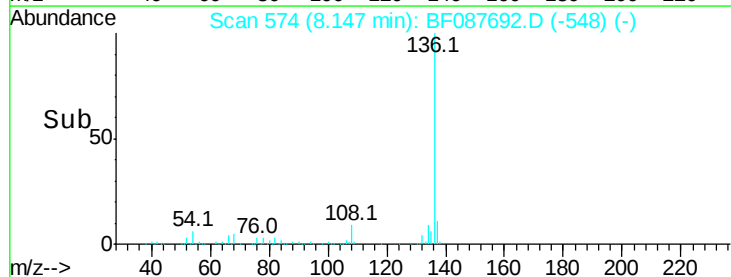
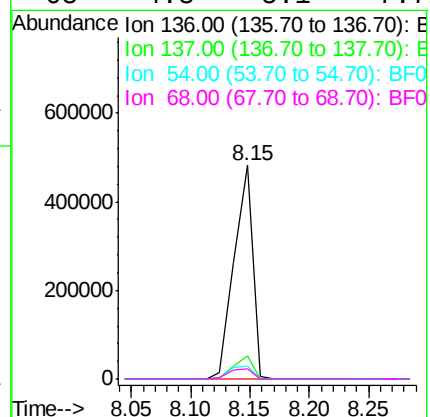
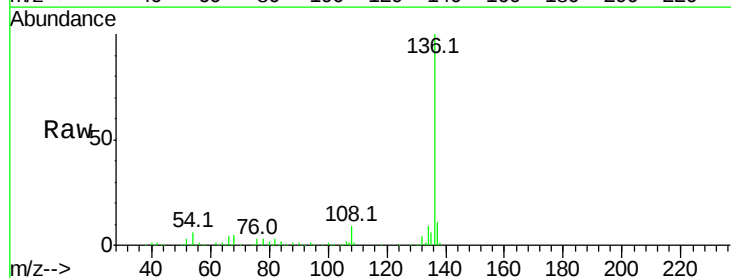
Ion Ratio Lower Upper

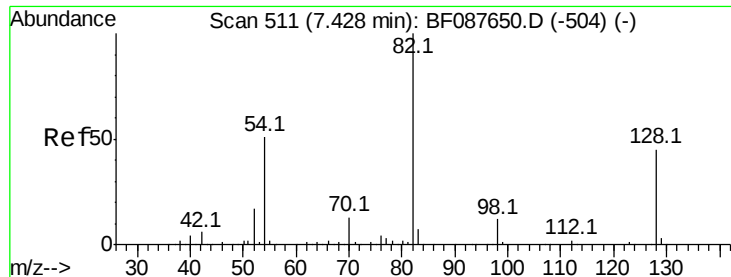
136 100

137 10.7 9.1 13.7

54 5.9 6.6 10.0#

68 4.8 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 102.11 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Instrument :

BNA_F

ClientSampleId :

MW-101

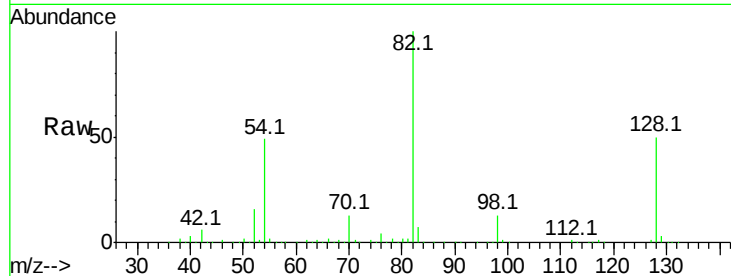
Tot Ion: 82 Resp: 926543

Ion Ratio Lower Upper

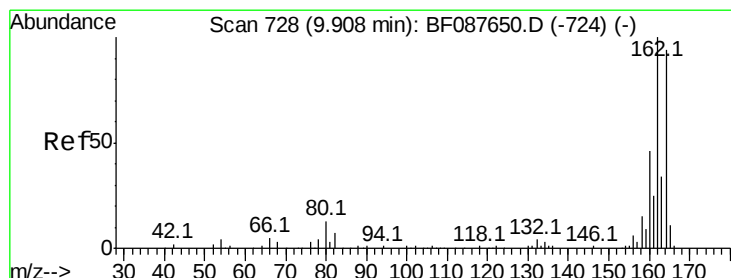
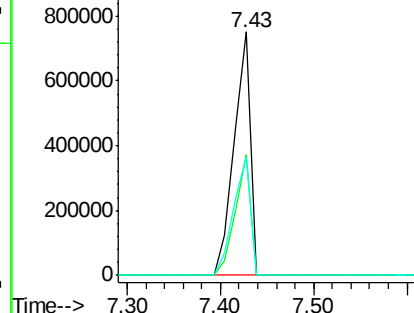
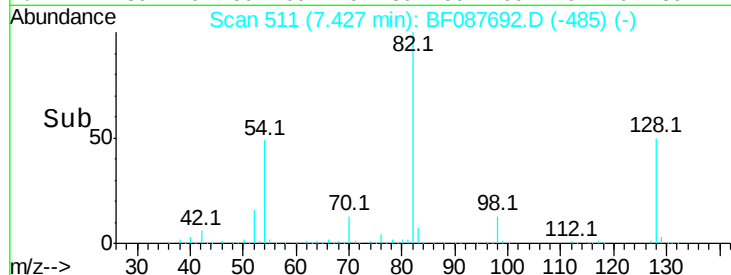
82 100

128 49.5 35.9 53.9

54 48.7 40.9 61.3



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: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

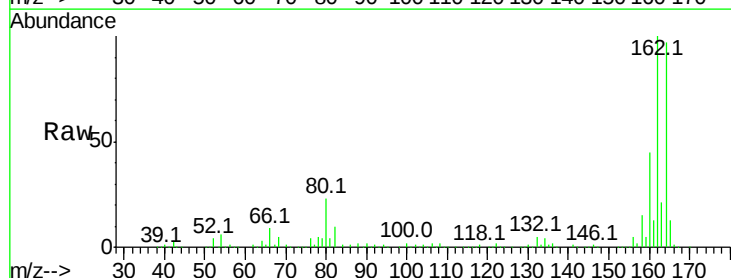
Tgt Ion:164 Resp: 237858

Ion Ratio Lower Upper

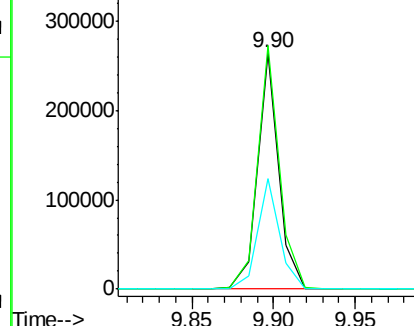
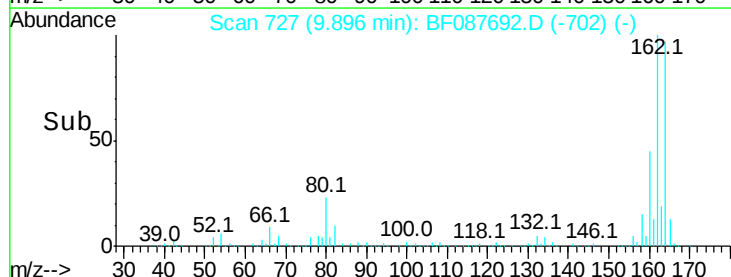
164 100

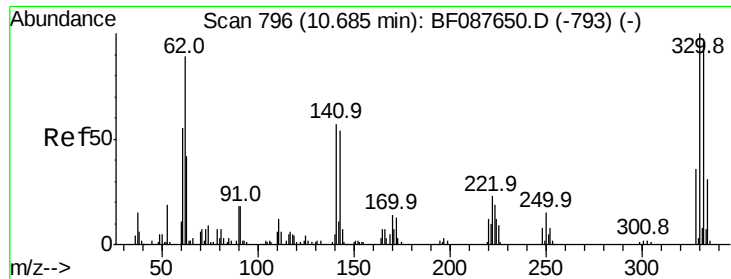
162 103.2 85.4 128.2

160 46.6 39.5 59.3



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

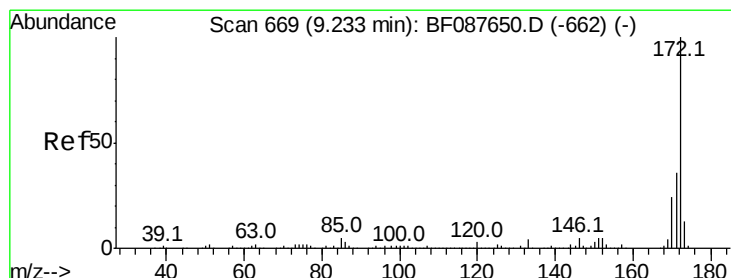
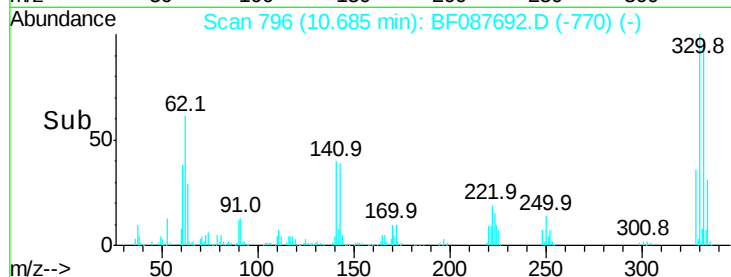
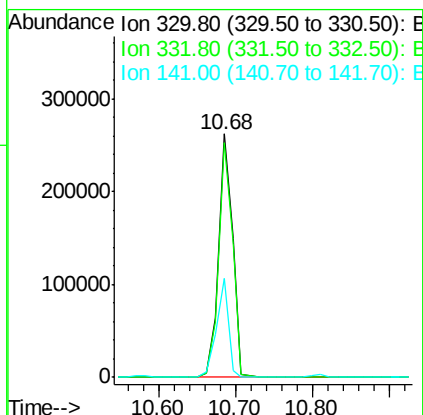
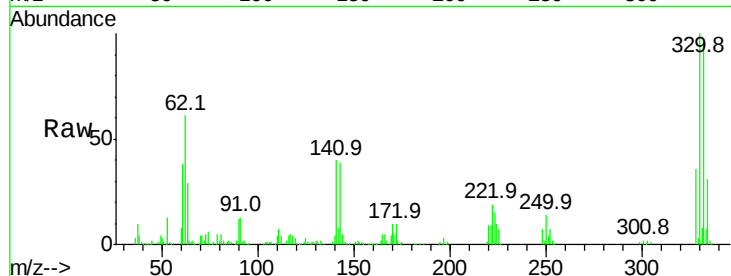




#41
 2,4,6-Tribromophenol
 Concen: 140.55 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087692.D
 Acq: 5 Jun 2016 6:40

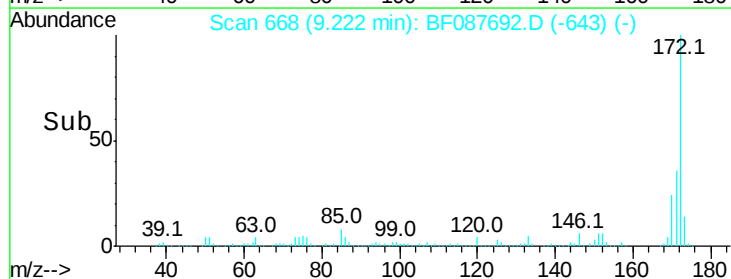
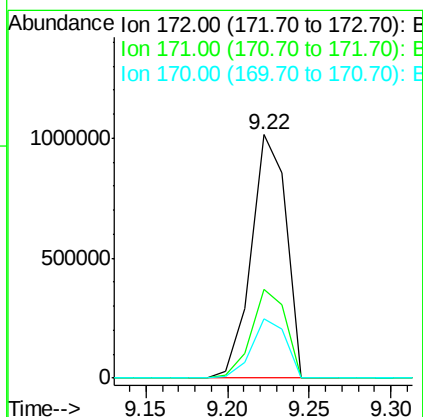
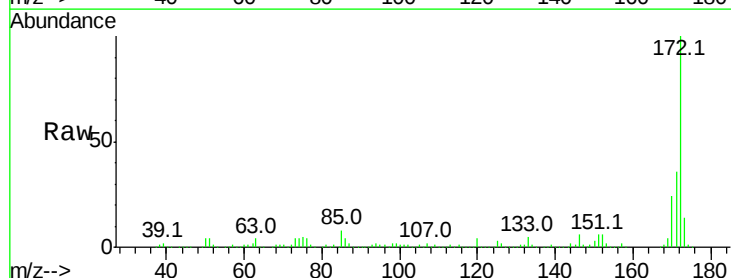
Instrument :
 BNA_F
 ClientSampleId :
 MW-101

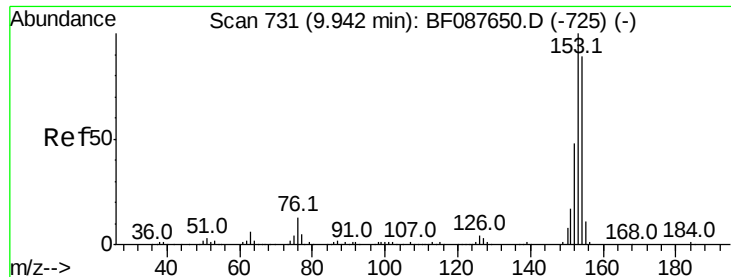
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 105.27 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087692.D
 Acq: 5 Jun 2016 6:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8





#51

Acenaphthene

Concen: 15.42 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Instrument :

BNA_F

ClientSampleId :

MW-101

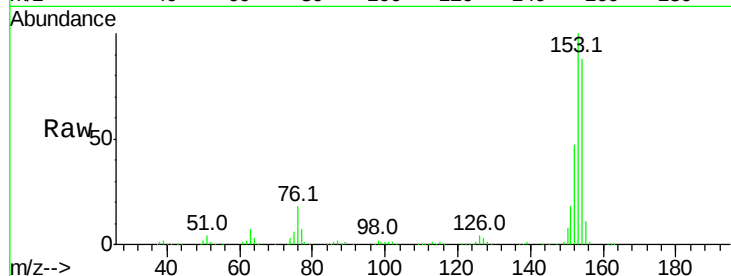
Tot Ion:154 Resp: 237741

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

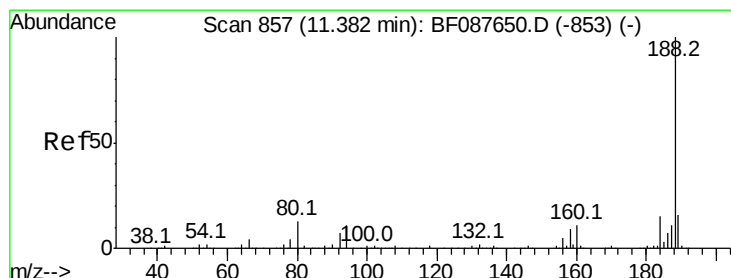
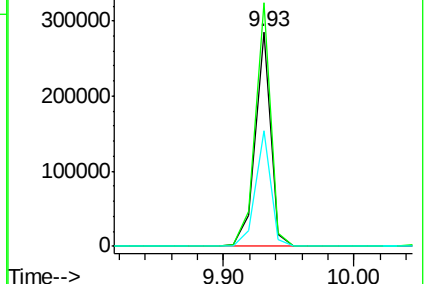
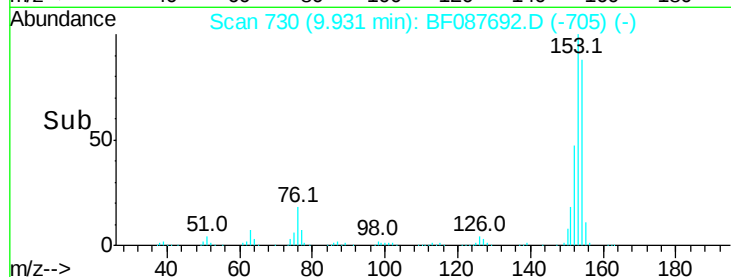
152 53.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

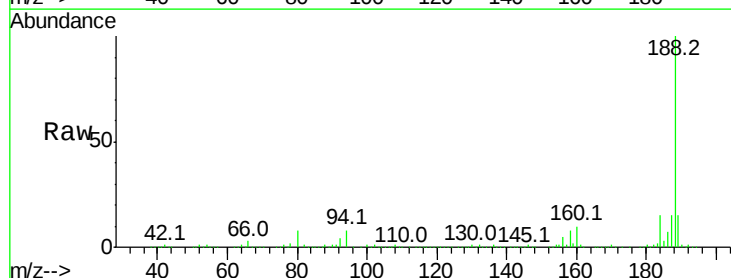
Tgt Ion:188 Resp: 462053

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

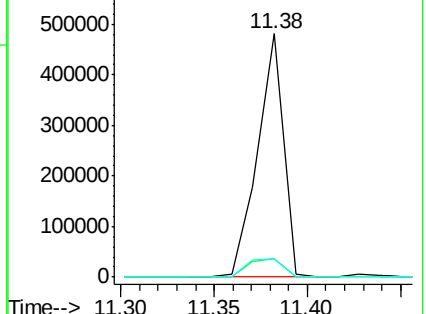
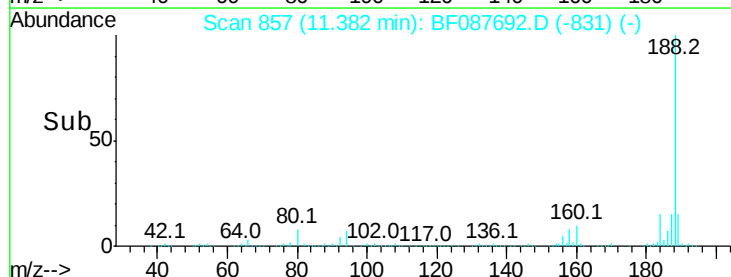
80 7.6 10.0 15.0#

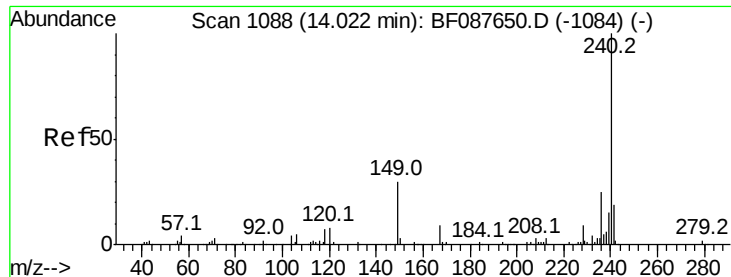


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

Instrument :

BNA_F

ClientSampled :

MW-101

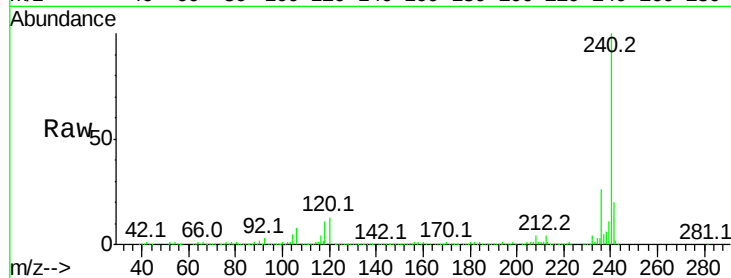
Tot Ion:240 Resp: 379255

Ion Ratio Lower Upper

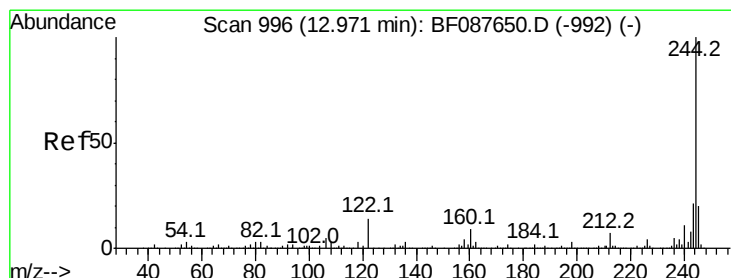
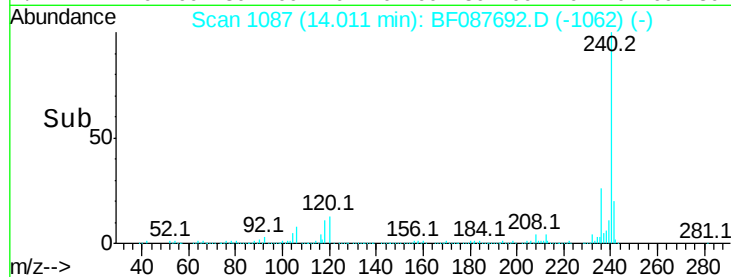
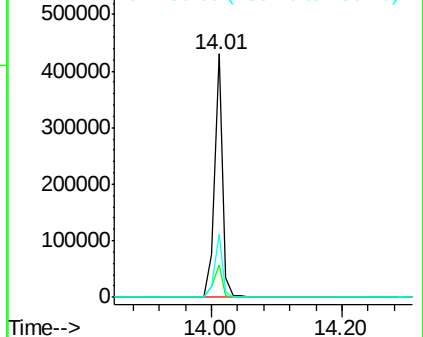
240 100

120 13.1 6.8 10.2#

236 25.7 20.2 30.2



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: 72.32 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087692.D

Acq: 5 Jun 2016 6:40

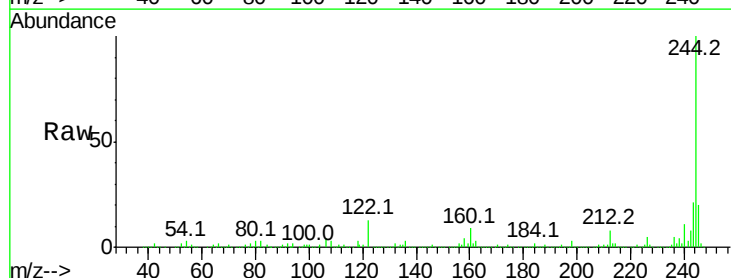
Tgt Ion:244 Resp: 1124052

Ion Ratio Lower Upper

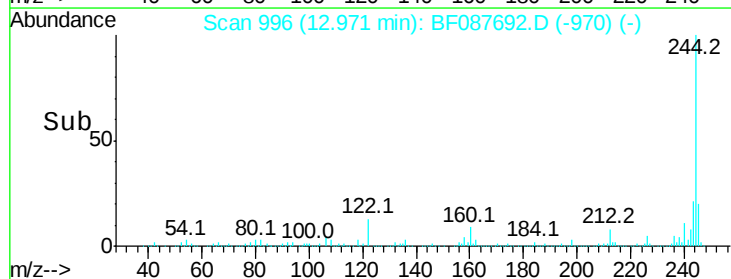
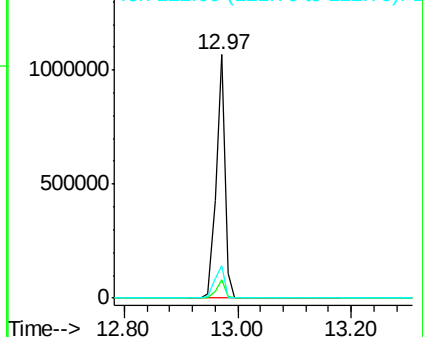
244 100

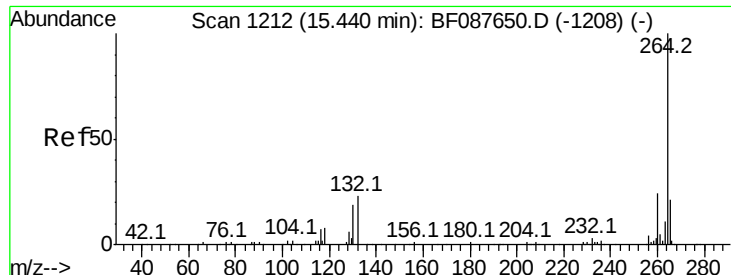
212 7.7 6.0 9.0

122 13.4 11.2 16.8



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

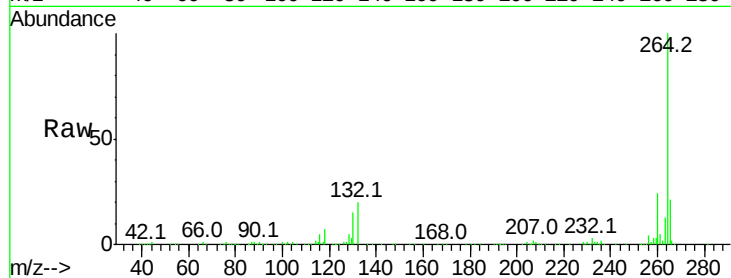




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087692.D
 Acq: 5 Jun 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Tot Ion:264 Resp: 283747
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 16.9 25.3



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

