

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088118.D
 Acq On : 18 Jun 2016 4:04
 Operator : UM/SJ
 Sample : H3542-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Jun 18 05:20:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

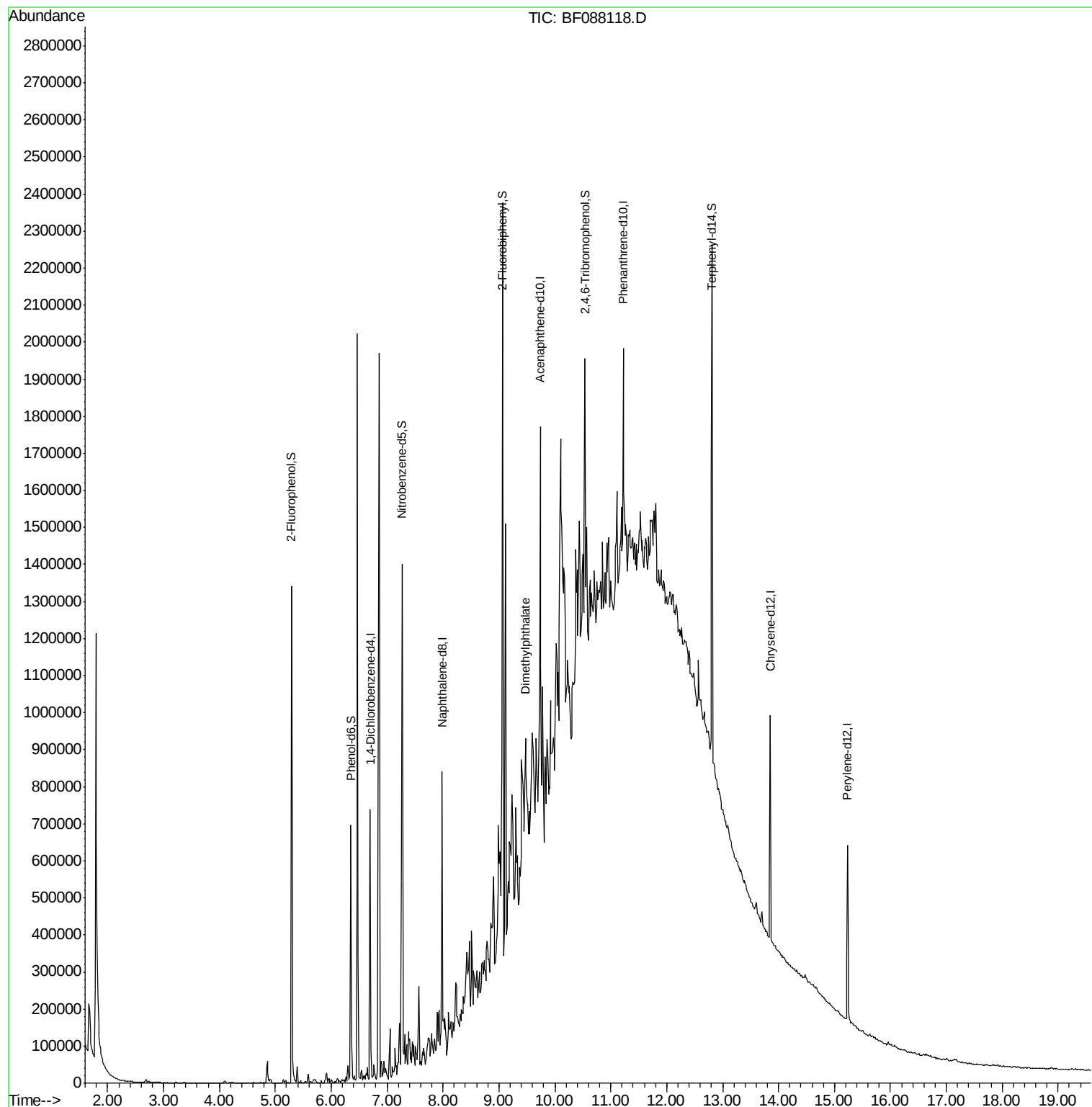
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108976	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	399977	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	161703	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247940	20.00	ng	0.01
75) Chrysene-d12	13.85	240	207505	20.00	ng	0.00
86) Perylene-d12	15.23	264	203939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	426618	66.92	ng	0.01
7) Phenol-d6	6.35	99	377937	48.92	ng	0.00
23) Nitrobenzene-d5	7.27	82	530519	77.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	163597	95.82	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	940934	91.86	ng	-0.01
78) Terphenyl-d14	12.81	244	587847	64.46	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	58171	4.97	ng	Qvalue # 10

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

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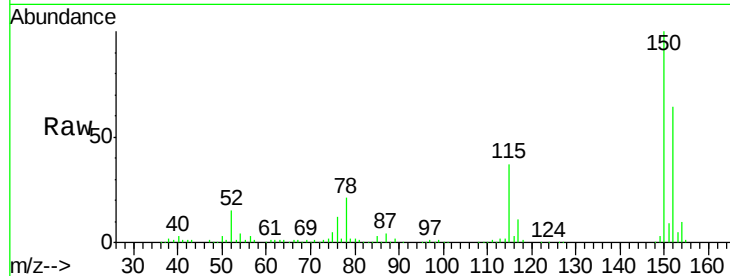


#1

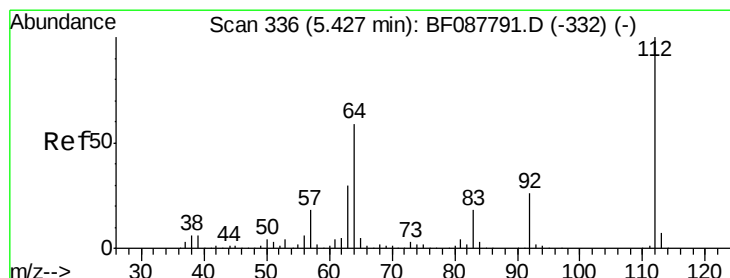
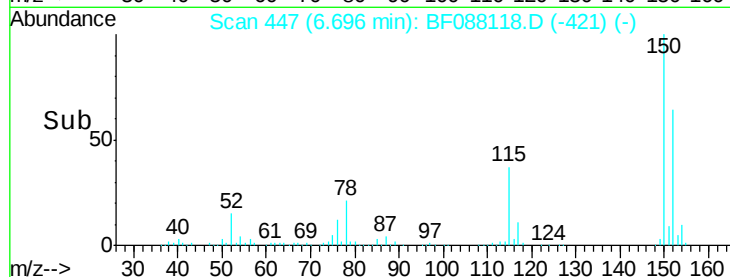
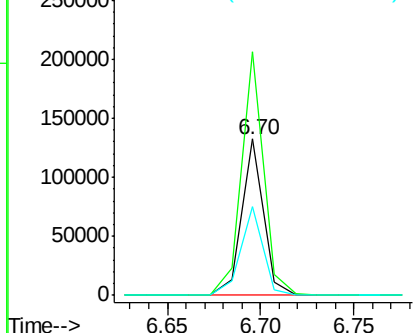
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088118.D
Acq: 18 Jun 2016 4:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:152 Resp: 108976
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 56.9 39.6 59.4



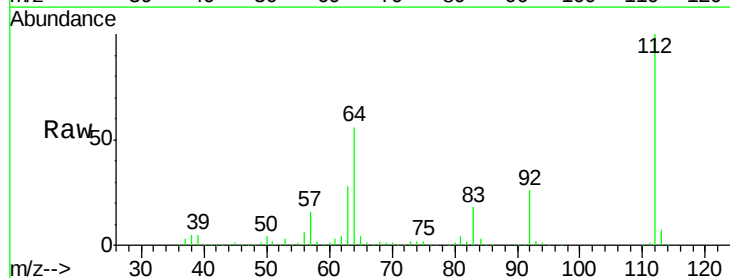
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



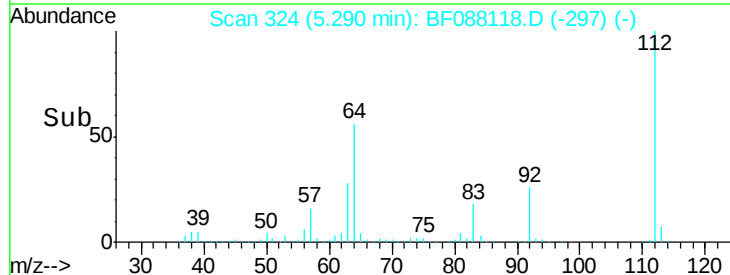
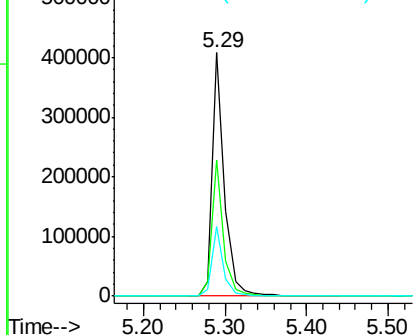
#5

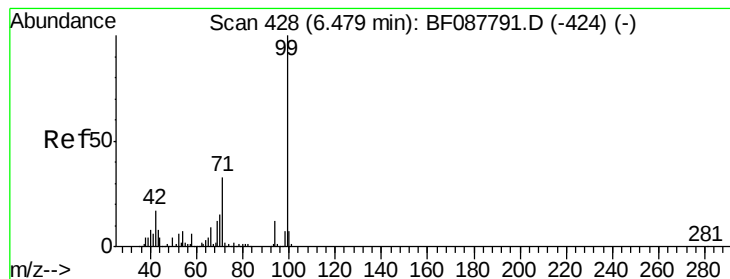
2-Fluorophenol
Concen: 66.92 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088118.D
Acq: 18 Jun 2016 4:04

Tgt Ion:112 Resp: 426618
Ion Ratio Lower Upper
112 100
64 55.7 42.2 63.2
63 28.5 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: 48.92 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

Instrument :

BNA_F

ClientSampleId :

MW-17

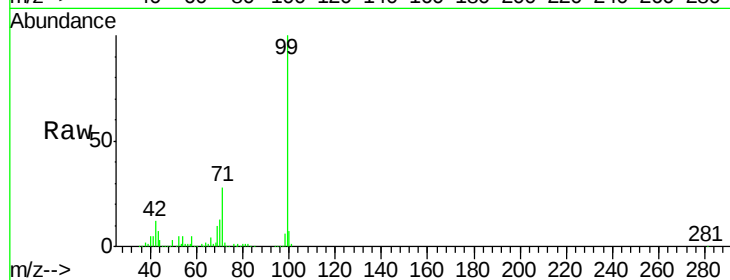
Tot Ion: 99 Resp: 377937

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

71 28.3 23.4 35.0



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

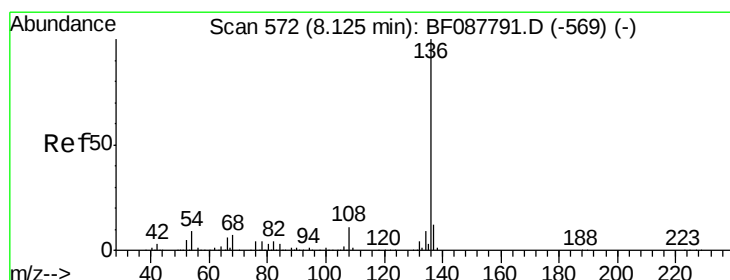
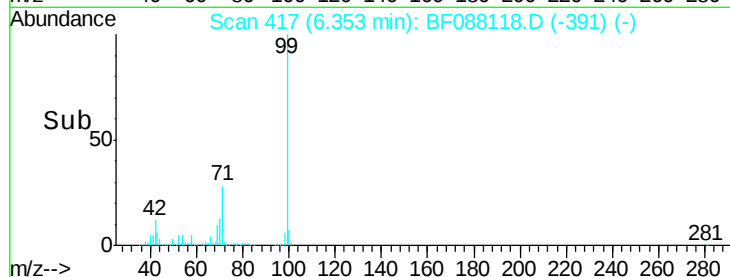
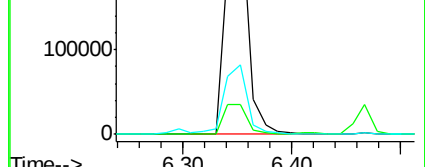
6.35

300000

200000

100000

0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

Tgt Ion: 136 Resp: 399977

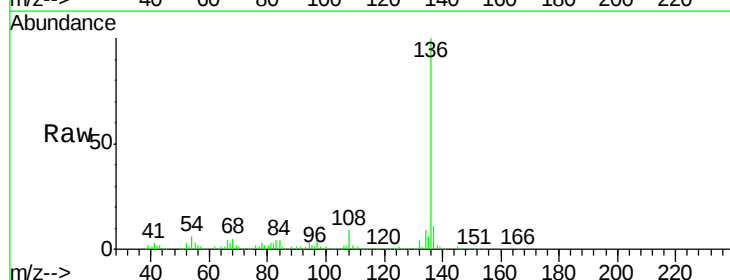
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.4 5.1 7.7



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

7.99

500000

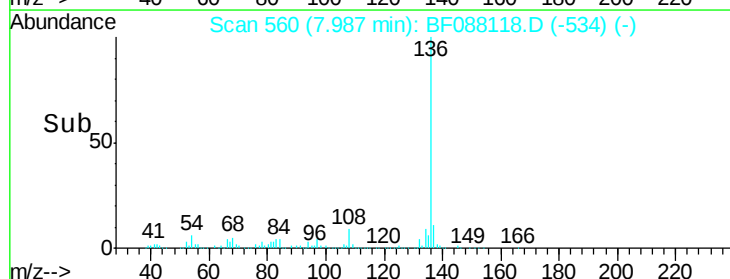
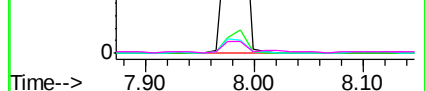
400000

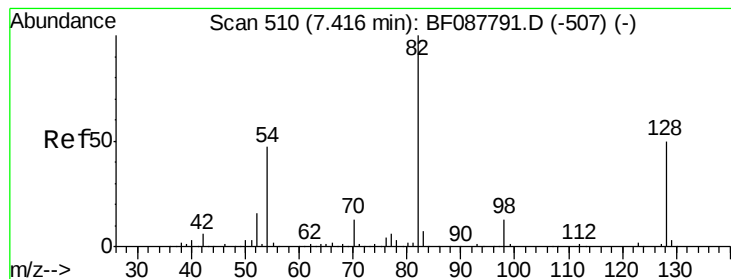
300000

200000

100000

0





#23

Nitrobenzene-d5

Concen: 77.45 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

Instrument :

BNA_F

ClientSampleId :

MW-17

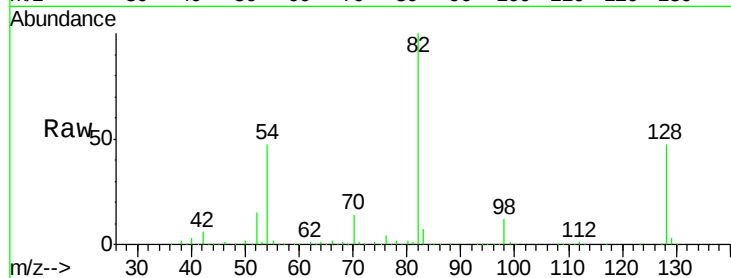
Tot Ion: 82 Resp: 530519

Ion Ratio Lower Upper

82 100

128 47.2 35.9 53.9

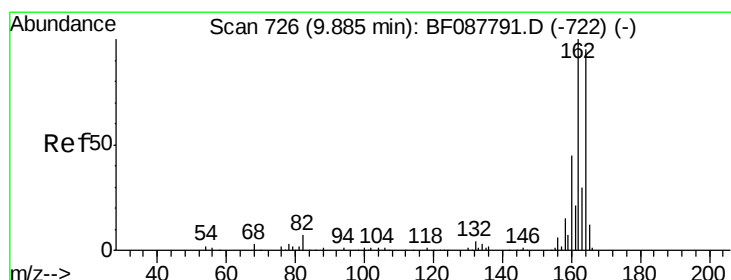
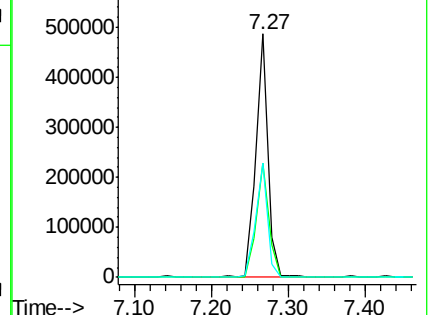
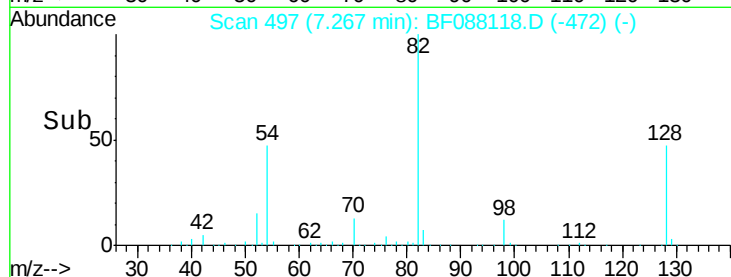
54 47.0 40.9 61.3



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: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

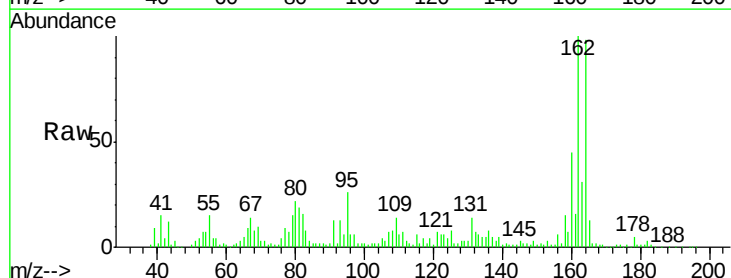
Tgt Ion:164 Resp: 161703

Ion Ratio Lower Upper

164 100

162 101.5 85.4 128.2

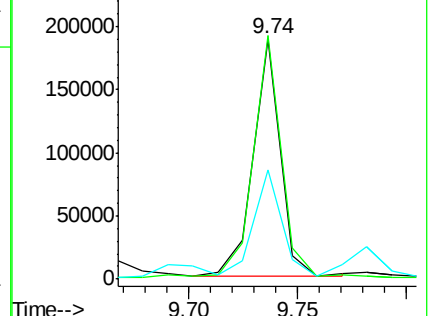
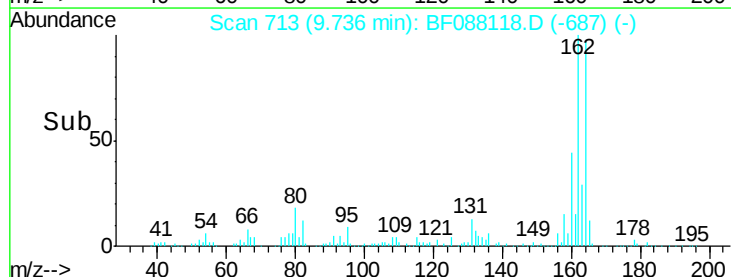
160 45.4 39.5 59.3

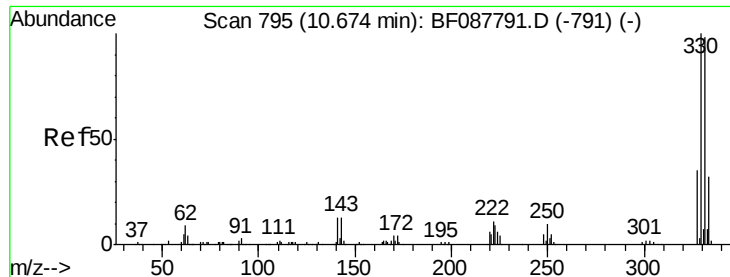


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

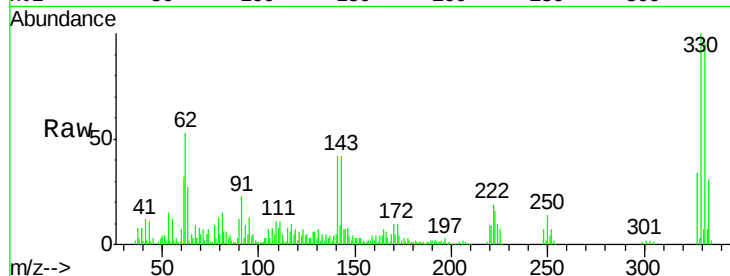




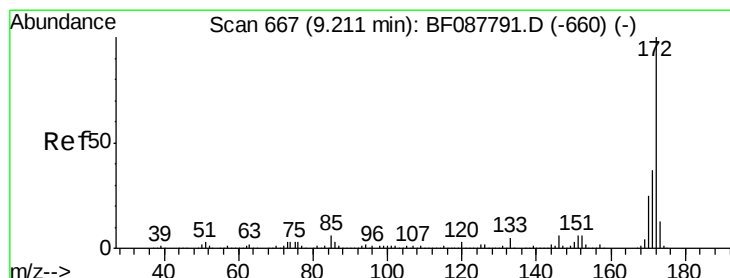
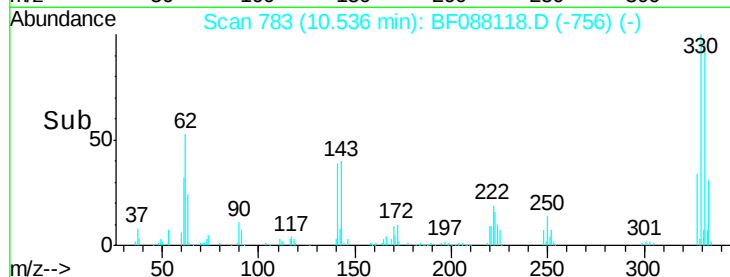
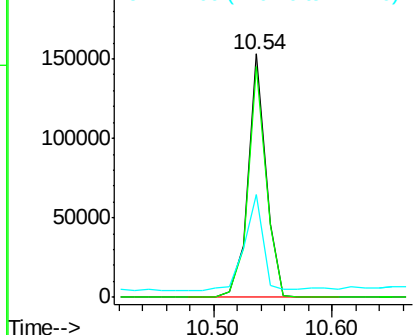
#41
 2,4,6-Tribromophenol
 Concen: 95.82 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF088118.D
 Acq: 18 Jun 2016 4:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	39.7	0.0	0.0#

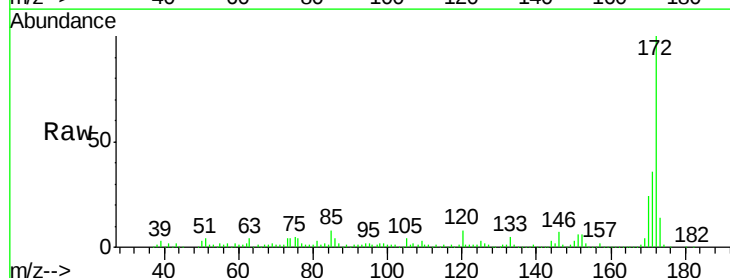


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

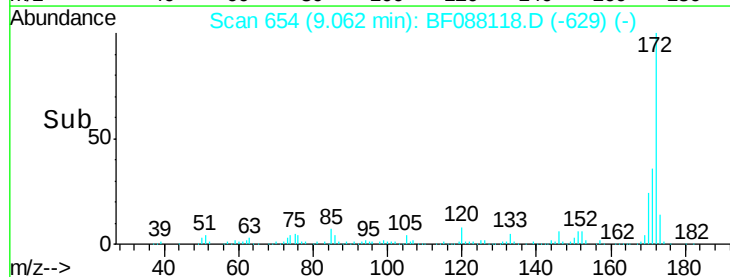
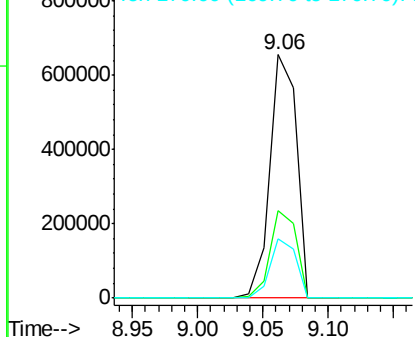


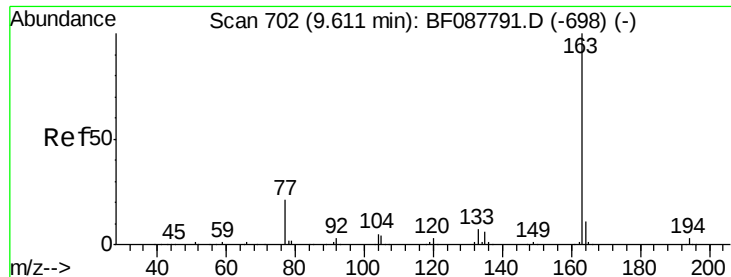
#44
 2-Fluorobiphenyl
 Concen: 91.86 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088118.D
 Acq: 18 Jun 2016 4:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.2	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





#49

Dimethylphthalate

Concen: 4.97 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

Instrument :

BNA_F

ClientSampleId :

MW-17

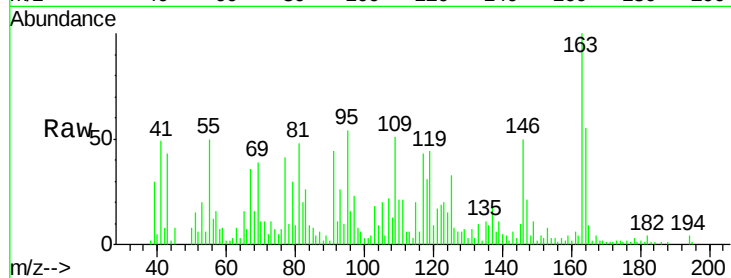
Tot Ion:163 Resp: 58171

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

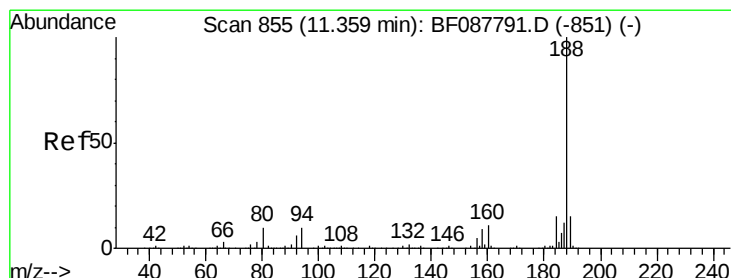
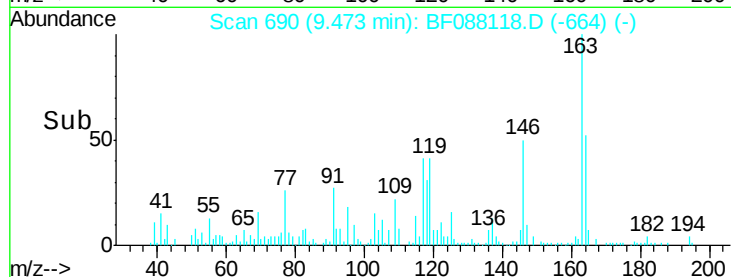
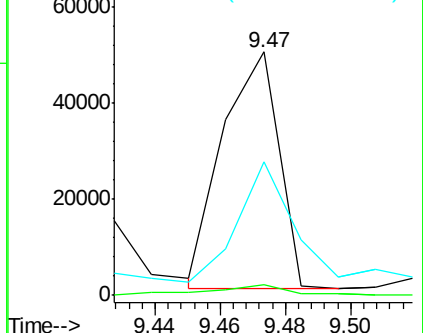
164 55.0 8.3 12.5#



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: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

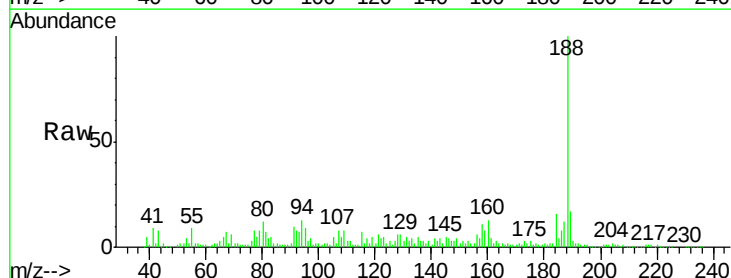
Tgt Ion:188 Resp: 247940

Ion Ratio Lower Upper

188 100

94 12.8 9.0 13.6

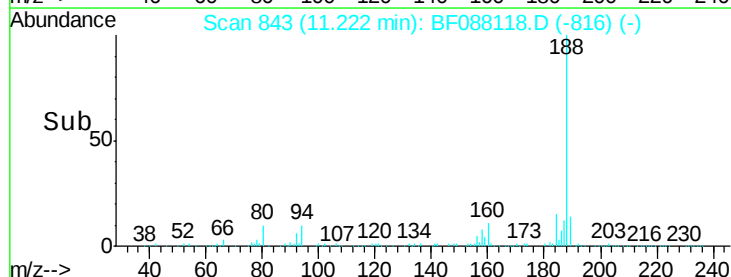
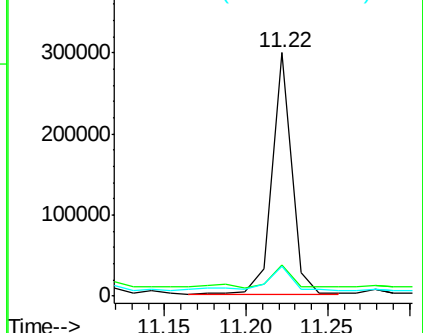
80 12.2 10.0 15.0

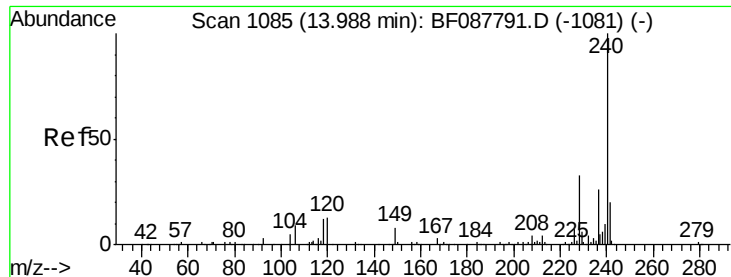


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

Instrument :

BNA_F

ClientSampleId :

MW-17

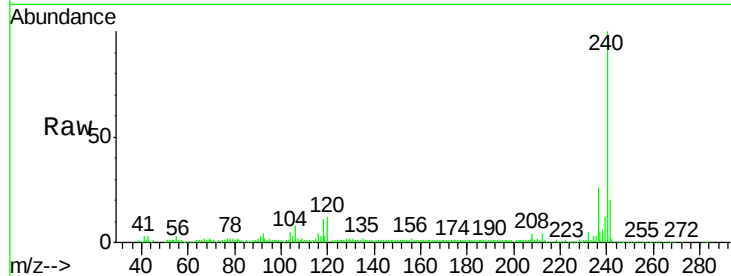
Tot Ion:240 Resp: 207505

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

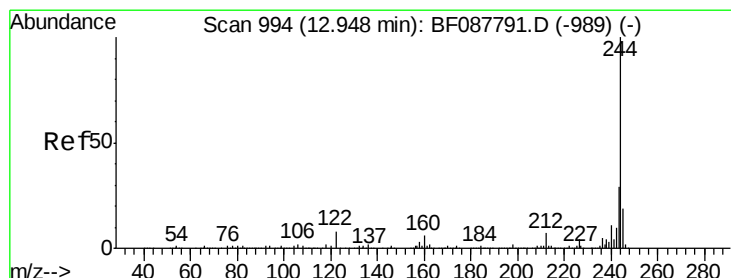
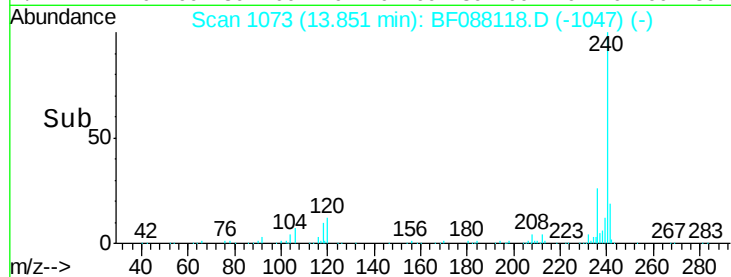
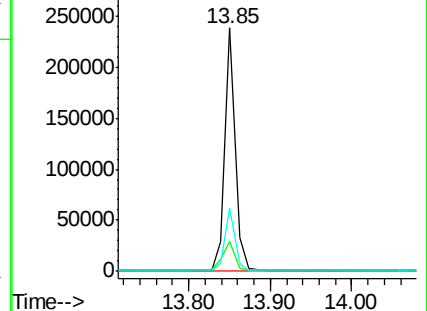
236 25.8 20.2 30.2



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: 64.46 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF088118.D

Acq: 18 Jun 2016 4:04

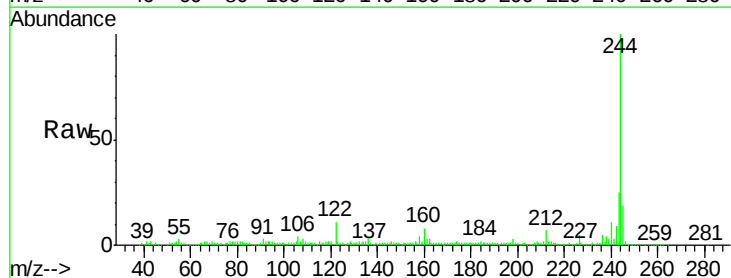
Tgt Ion:244 Resp: 587847

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

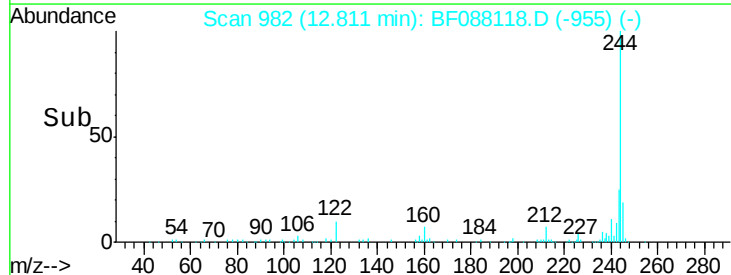
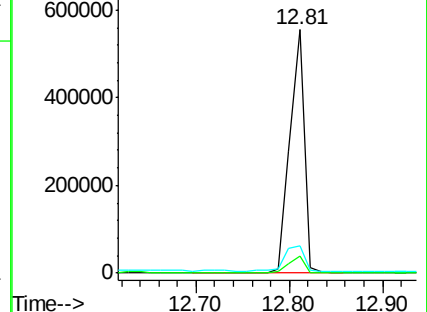
122 11.0 11.2 16.8#

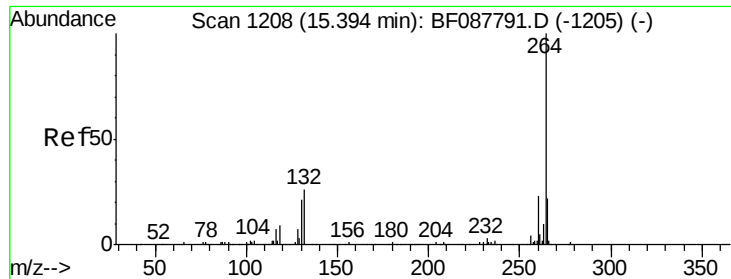


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF088118.D
Acq: 18 Jun 2016 4:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3

