

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095617.D
 Acq On : 2 Jun 2017 4:26
 Operator : SJ/MA
 Sample : I3412-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Quant Time: Jun 02 08:12:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	87405	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	354881	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	162737	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	298973	20.00	ng	0.00
75) Chrysene-d12	18.50	240	265479	20.00	ng	0.00
86) Perylene-d12	20.17	264	178778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.45	82	565491	100.48	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.34	172	1087723	96.20	ng	0.00
78) Terphenyl-d14	17.15	244	1003622	83.27	ng	0.00

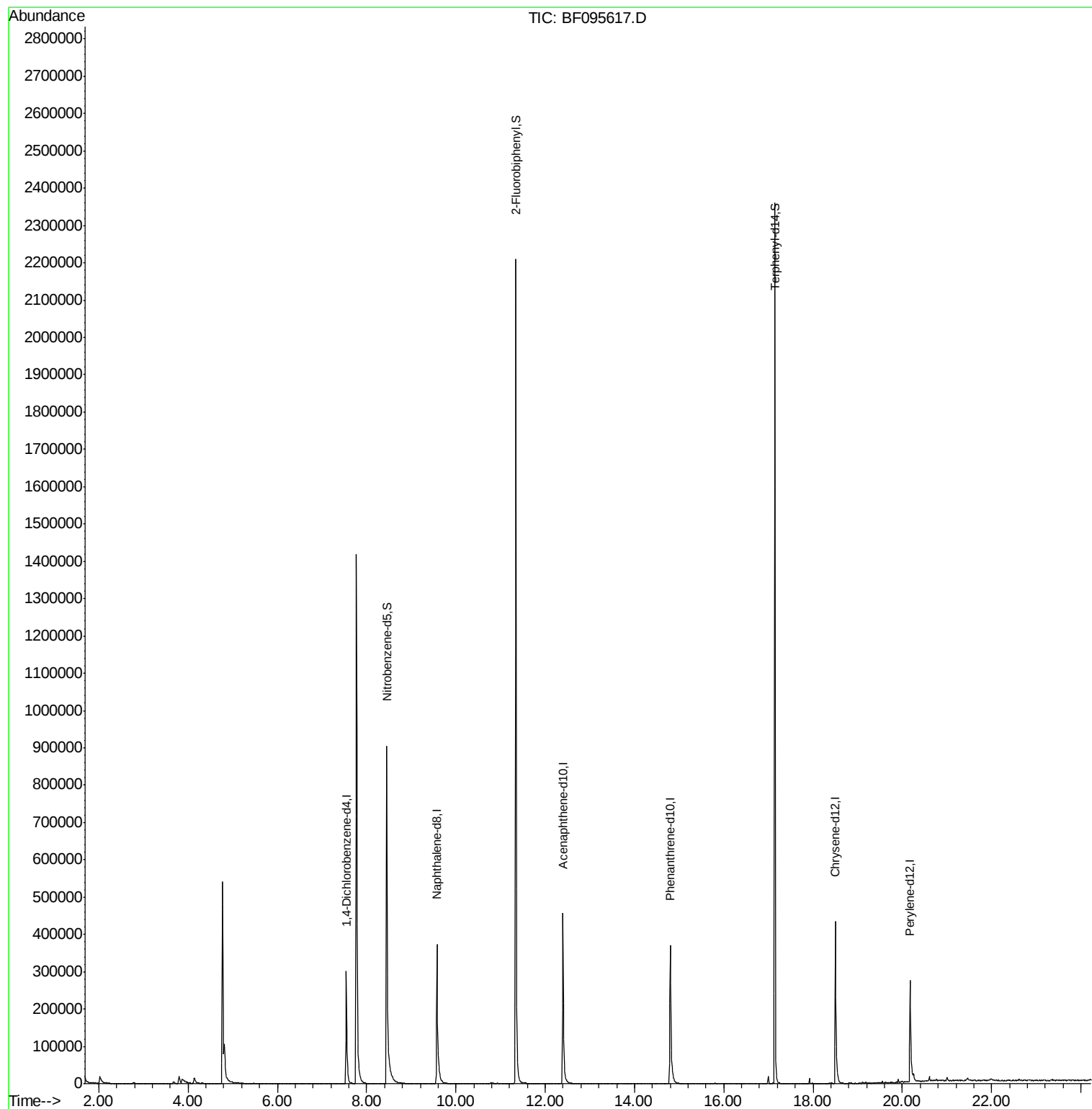
Target Compounds	Qvalue
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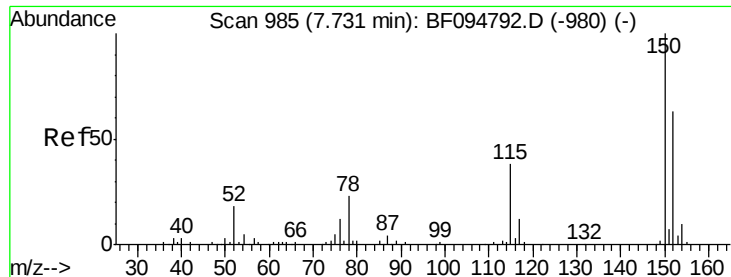
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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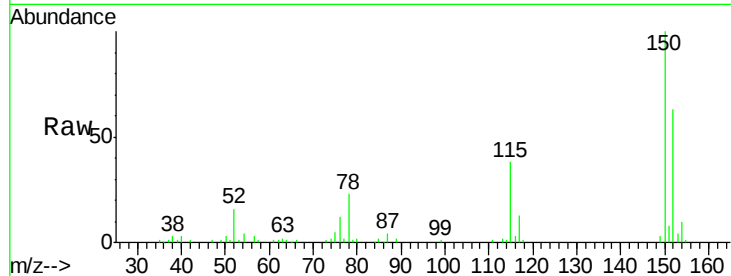


#1

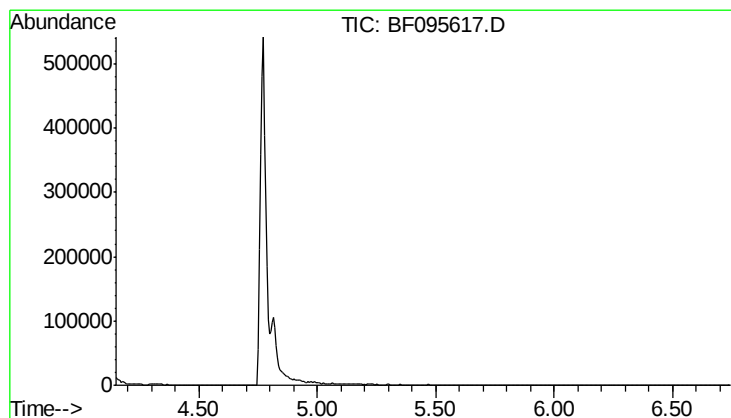
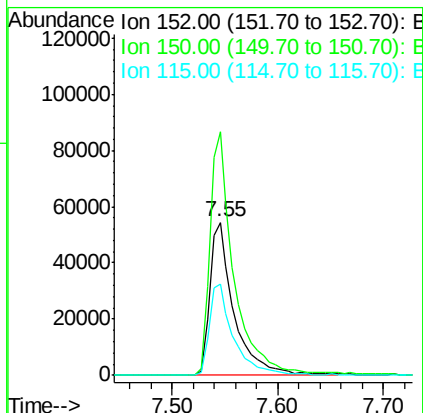
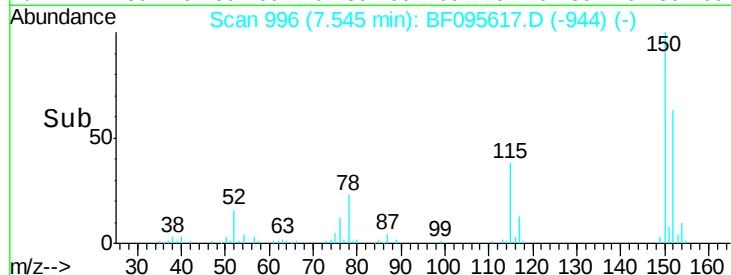
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Tgt Ion:152 Resp: 87405
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.2 189.2
 115 59.6 52.2 78.2



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

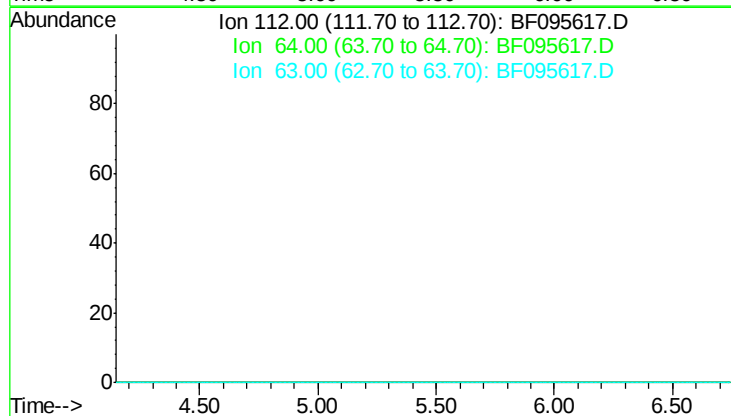


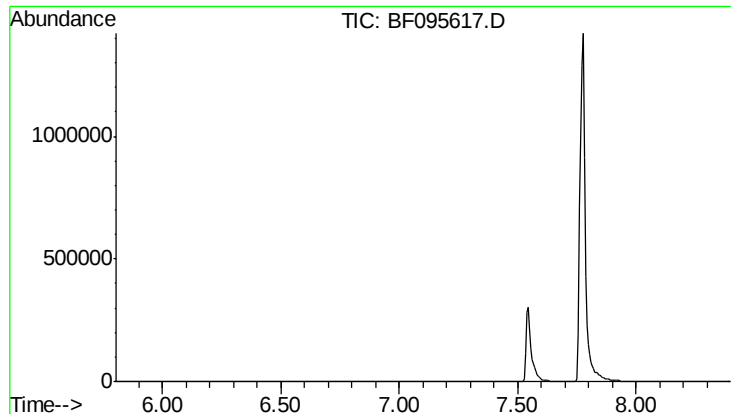
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.45 min

Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.10 min

Lab File: BF095617.D

Acq: 2 Jun 2017 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

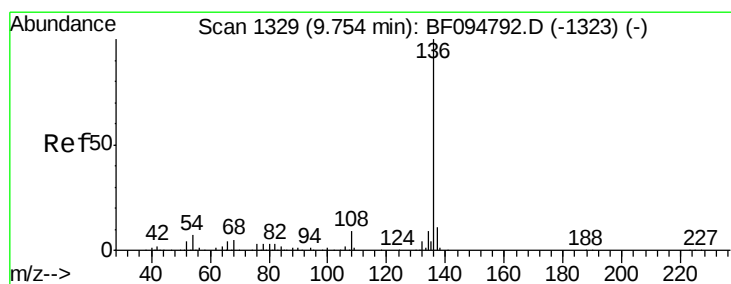
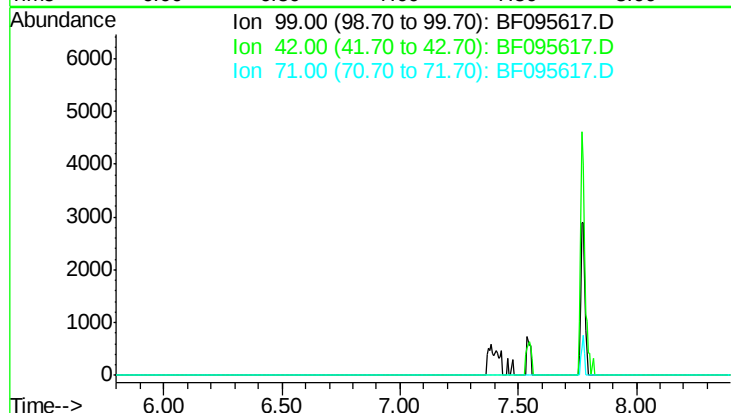
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.9

71 30.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF095617.D

Acq: 2 Jun 2017 4:26

Tgt Ion:136 Resp: 354881

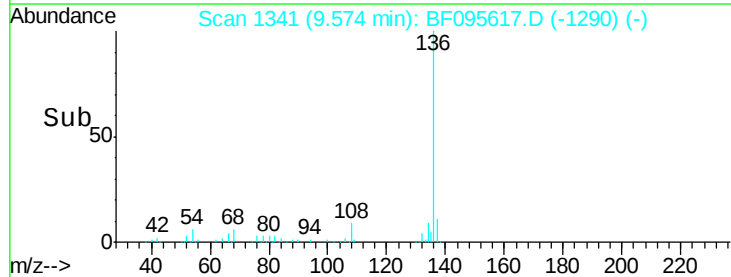
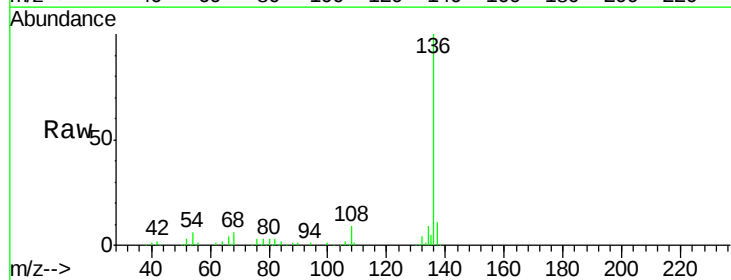
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.2 4.9 7.3

68 5.7 4.1 6.1

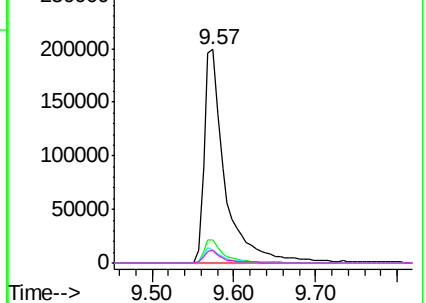


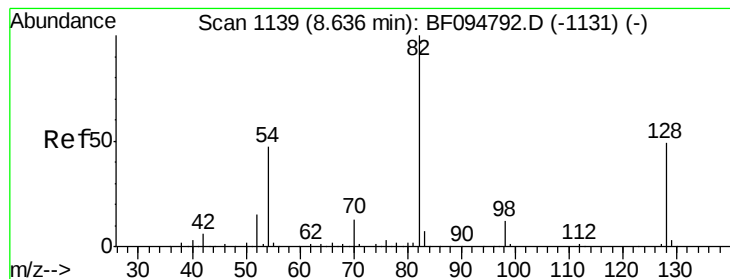
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.482 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095617.D

Acq: 2 Jun 2017 4:26

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

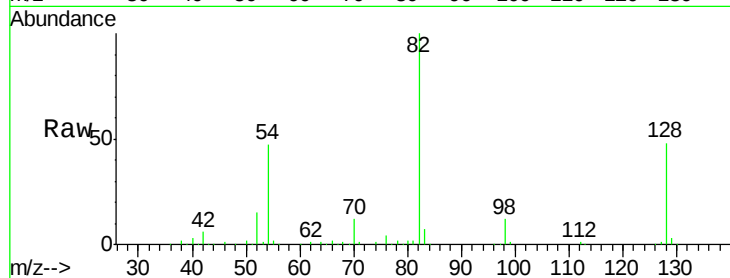
Tgt Ion: 82 Resp: 565491

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

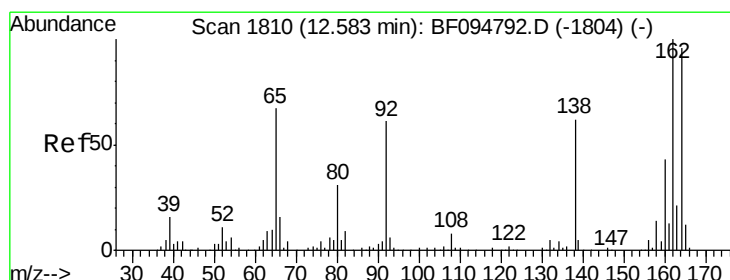
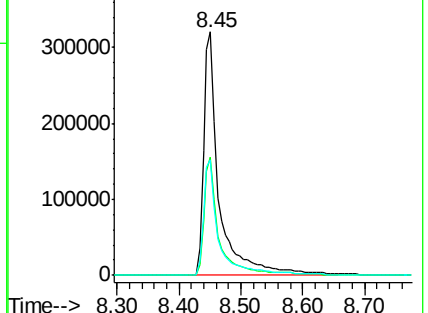
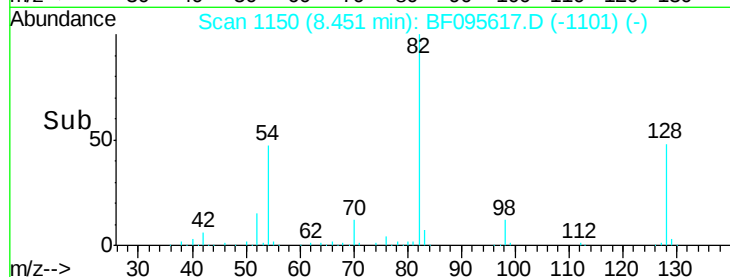
54 47.5 42.2 63.2



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: 20.000 ng

RT: 12.40 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF095617.D

Acq: 2 Jun 2017 4:26

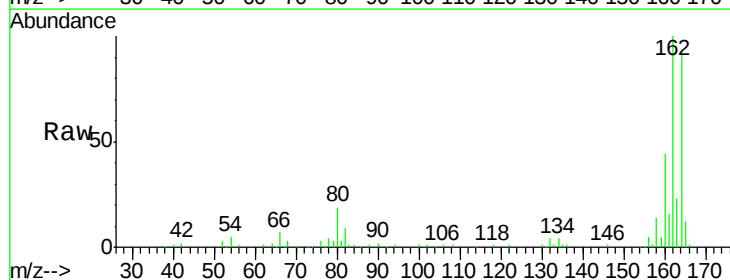
Tgt Ion: 164 Resp: 162737

Ion Ratio Lower Upper

164 100

162 107.4 82.6 123.8

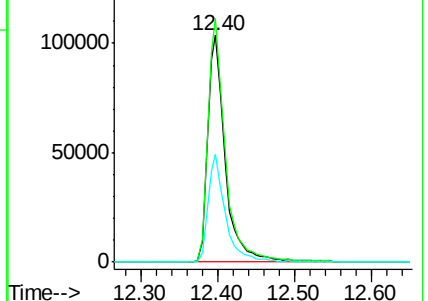
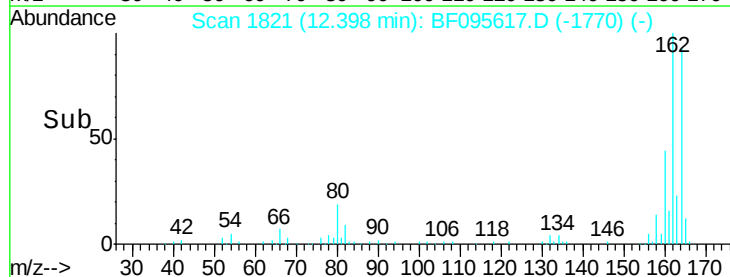
160 47.7 36.2 54.2

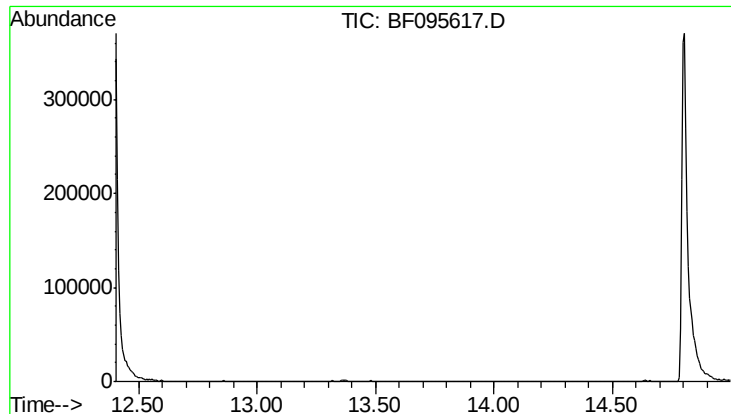


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0



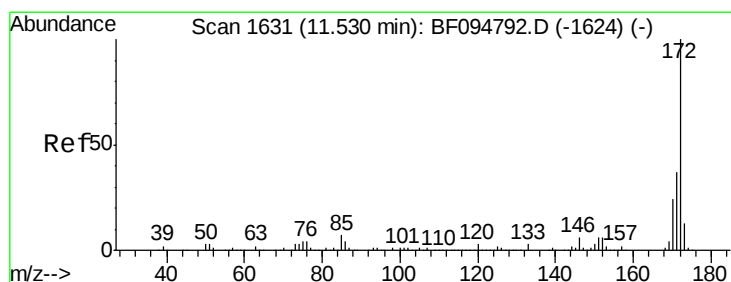
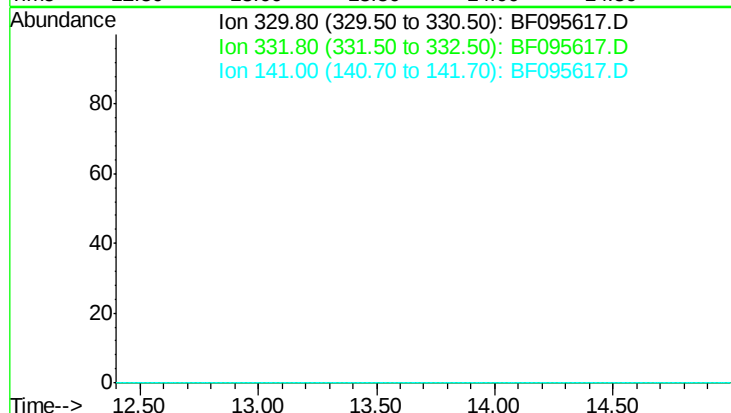


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 13.70 min
 Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Tgt Ion: 330

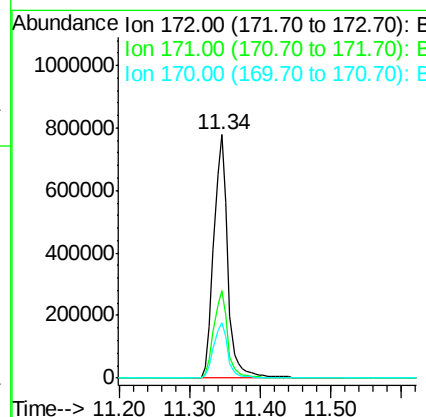
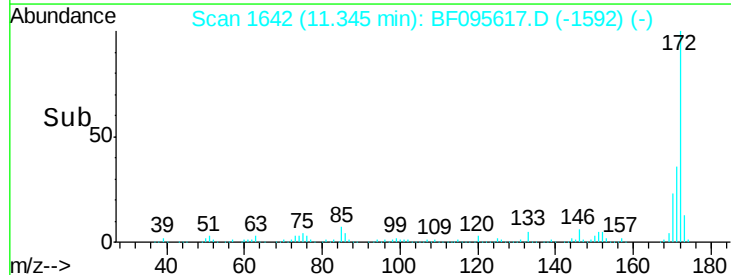
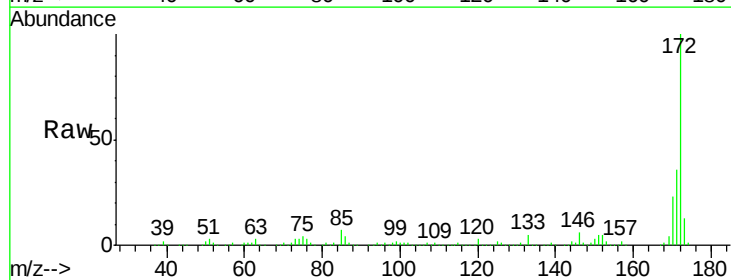
Sig	Exp Ratio
330	100
332	95.8
141	39.3

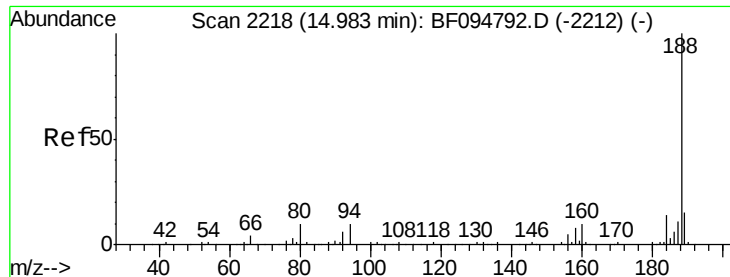


#44
 2-Fluorobiphenyl
 Concen: 96.205 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Tgt Ion: 172 Resp: 1087723

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.0	19.8	29.8

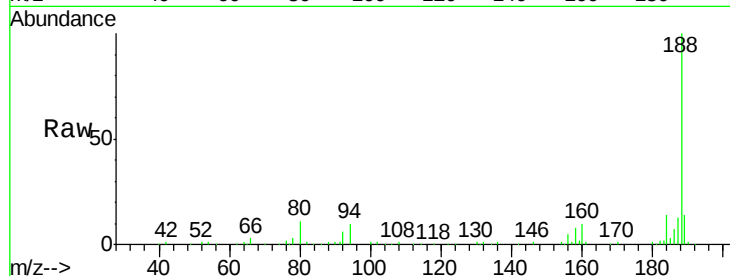




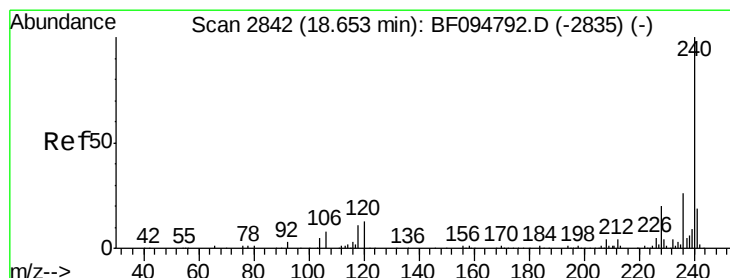
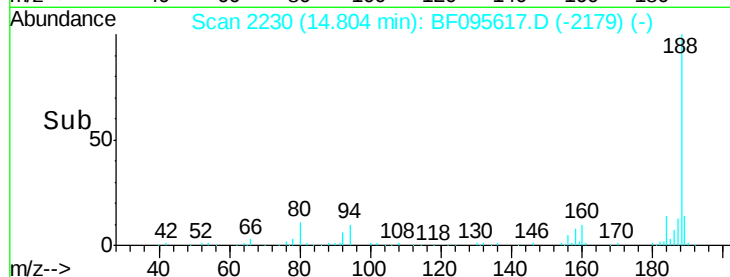
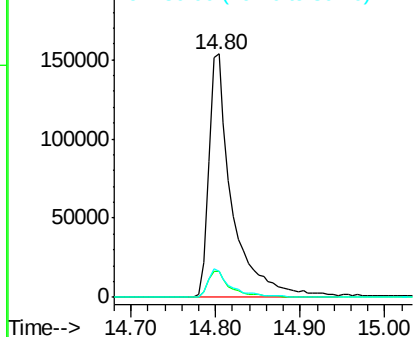
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:188 Resp: 298973
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.7 10.2 15.2

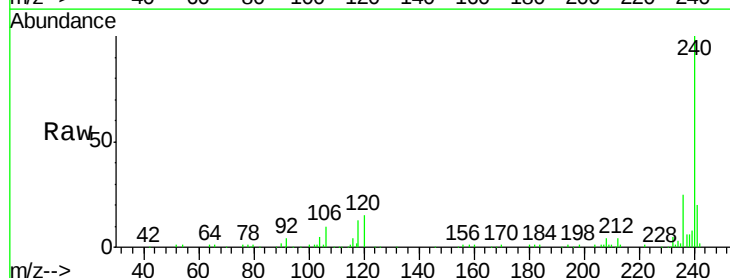


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

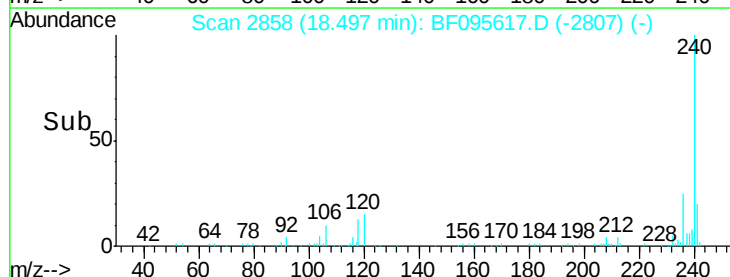
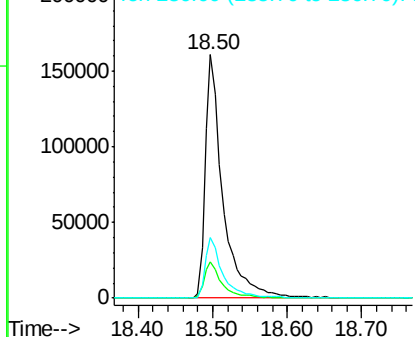


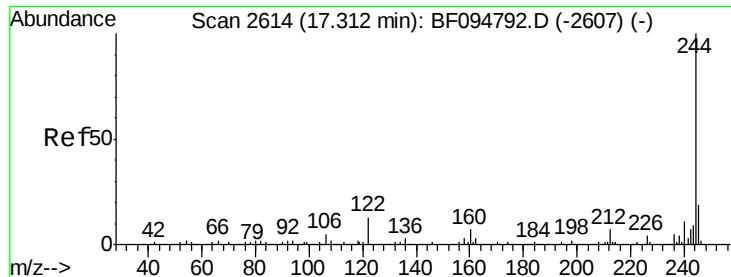
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:240 Resp: 265479
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 24.6 20.5 30.7



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

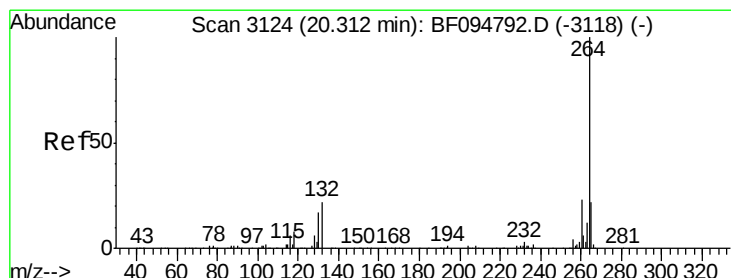
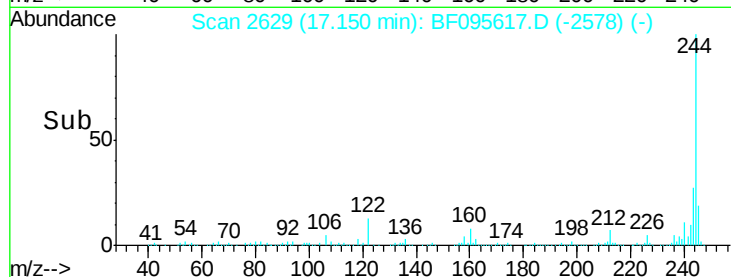
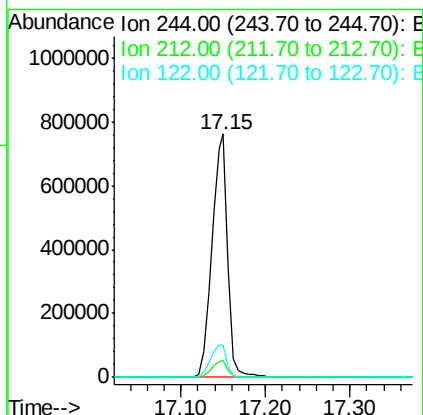
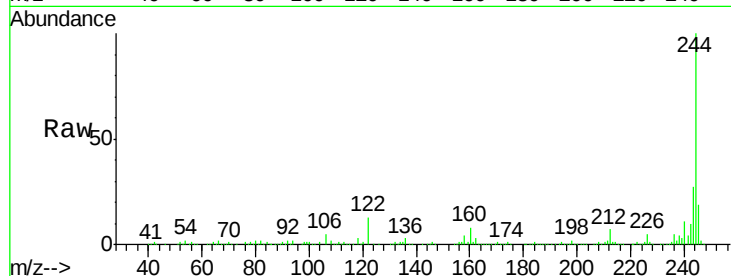




#78
 Terphenyl-d14
 Concen: 83.266 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Tgt Ion:244 Resp: 1003622
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095617.D
 Acq: 2 Jun 2017 4:26

Tgt Ion:264 Resp: 178778
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.4 17.2 25.8

