

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095618.D
 Acq On : 2 Jun 2017 4:58
 Operator : SJ/MA
 Sample : I3413-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R4-COMP

Quant Time: Jun 02 08:15:14 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	92720	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	395239	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	176997	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	317396	20.00	ng	0.00
75) Chrysene-d12	18.50	240	282754	20.00	ng	0.00
86) Perylene-d12	20.17	264	179721	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	624058	99.57	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.35	172	1146468	93.23	ng	0.00
78) Terphenyl-d14	17.15	244	1034866	80.61	ng	0.00

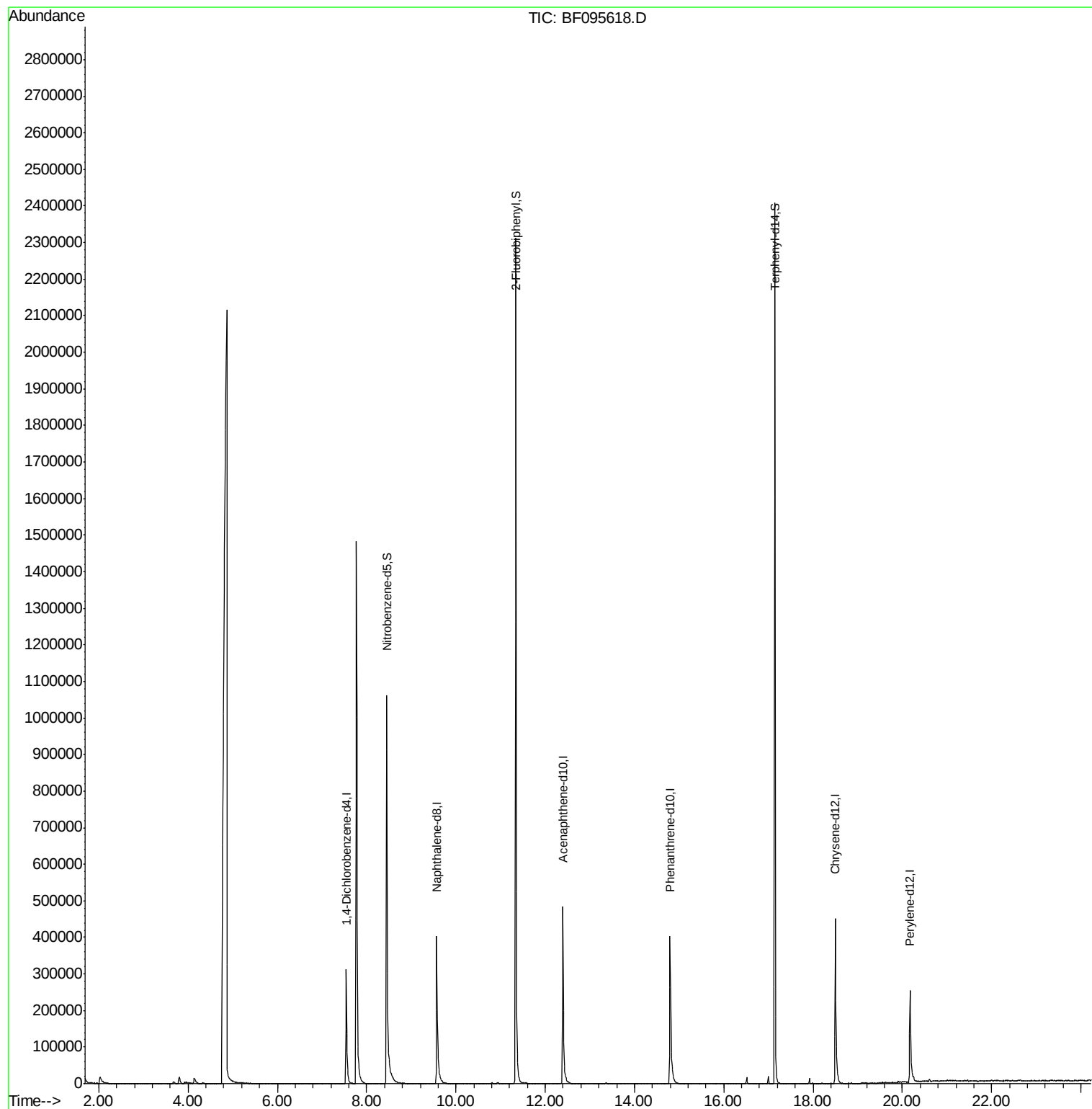
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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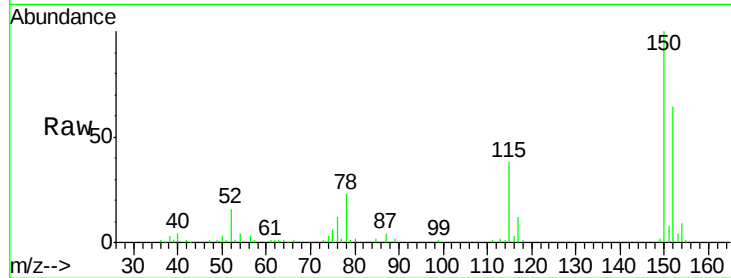


#1

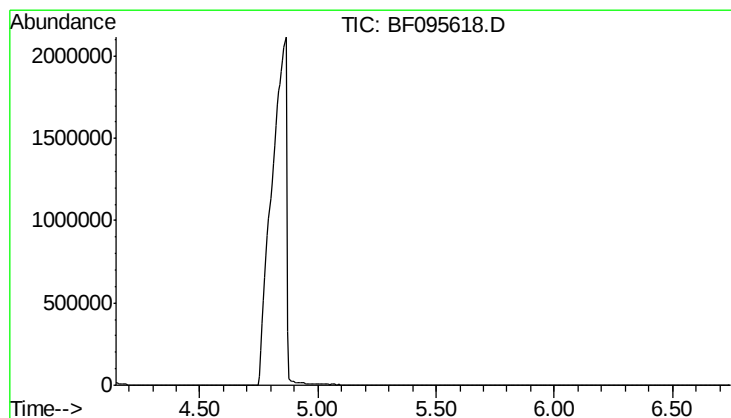
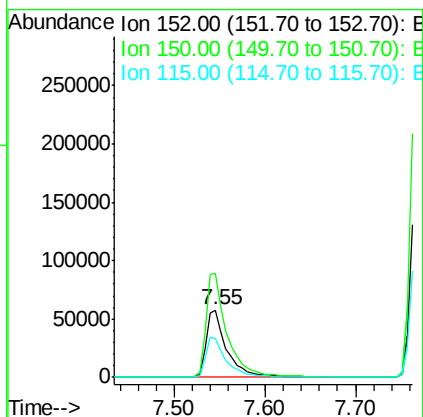
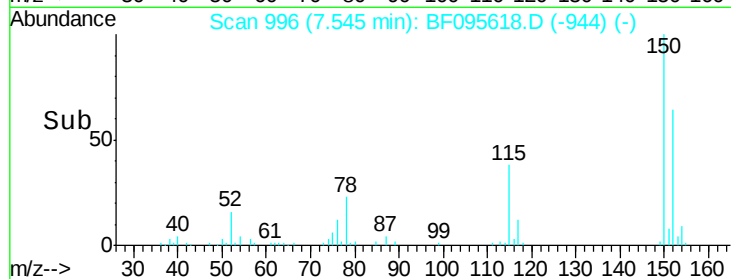
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF095618.D
Acq: 2 Jun 2017 4:58

Instrument :
BNA_F
ClientSampleId :
R4-COMP

Tgt Ion:152 Resp: 92720
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 58.9 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

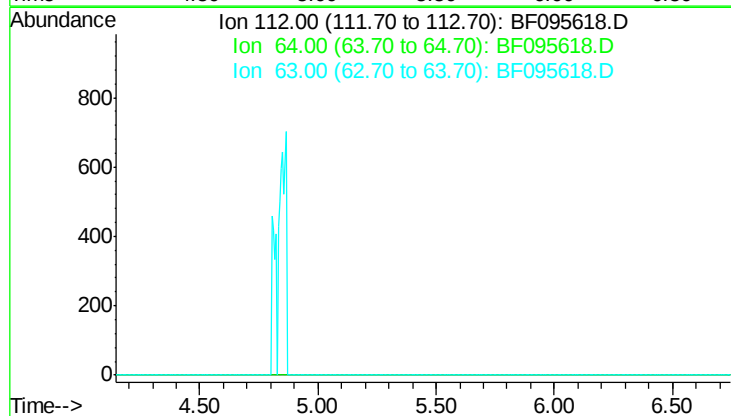


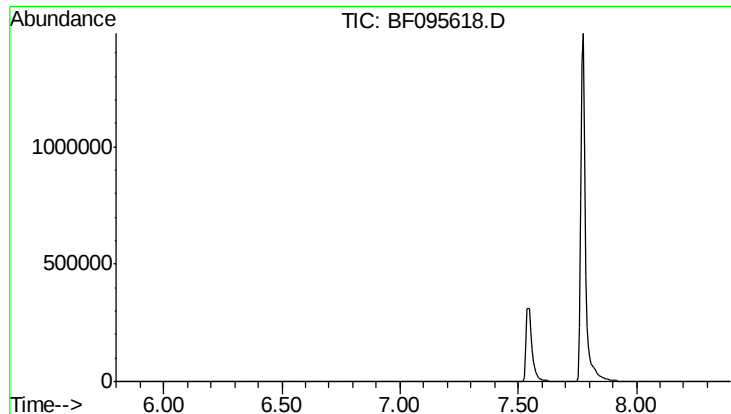
#5

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

Lab File: BF095618.D
Acq: 2 Jun 2017 4:58

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: BF095618.D

Acq: 2 Jun 2017 4:58

Instrument :

BNA_F

ClientSampleId :

R4-COMP

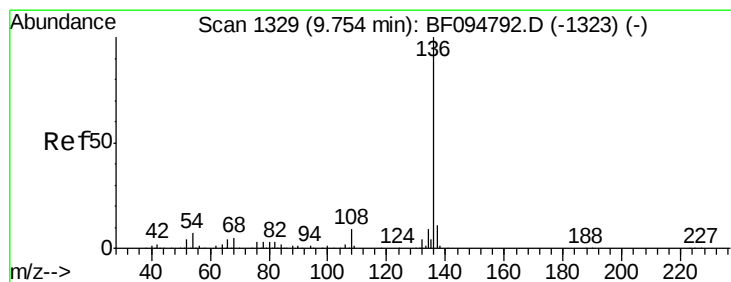
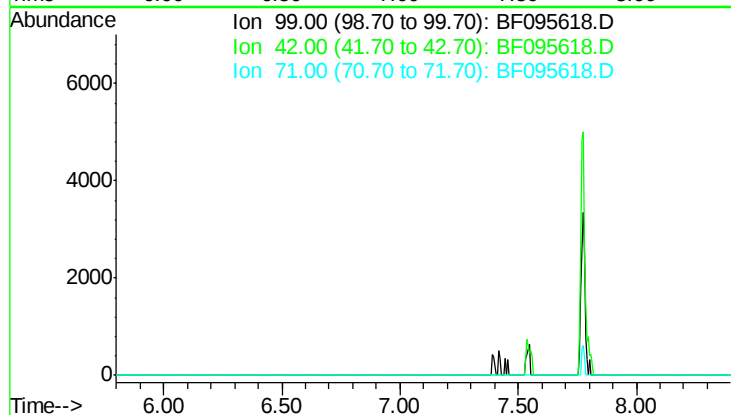
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.9

71 30.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095618.D

Acq: 2 Jun 2017 4:58

Tgt Ion:136 Resp: 395239

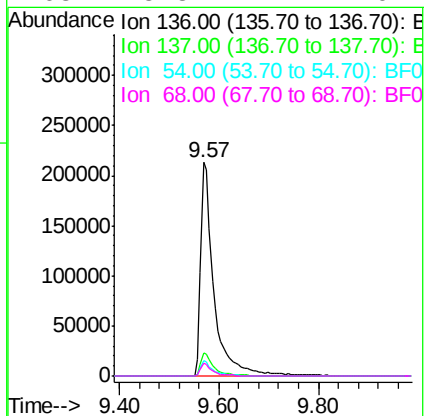
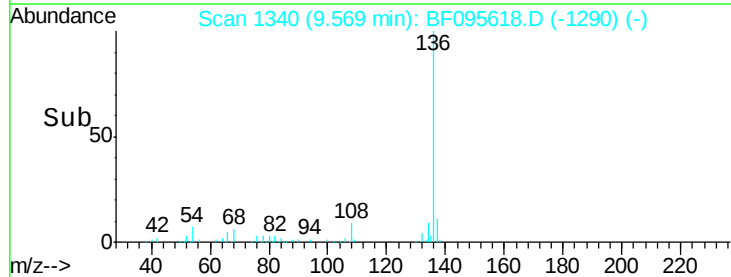
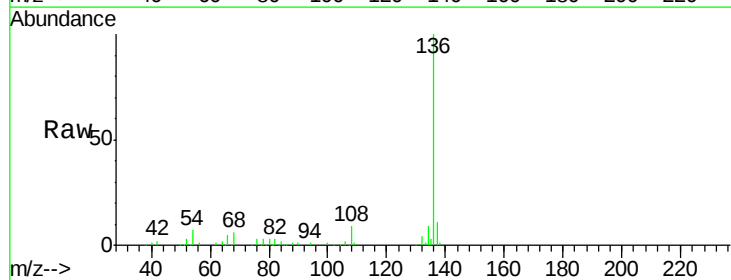
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

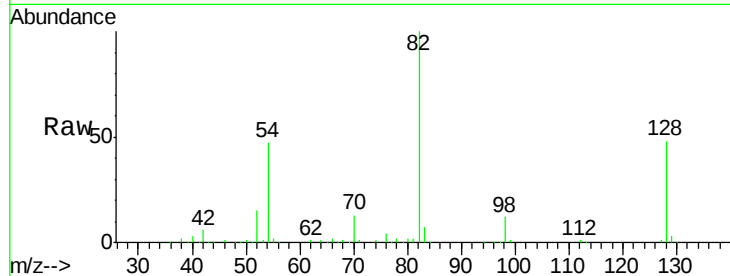




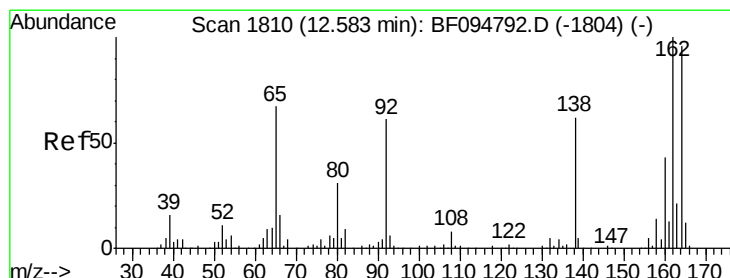
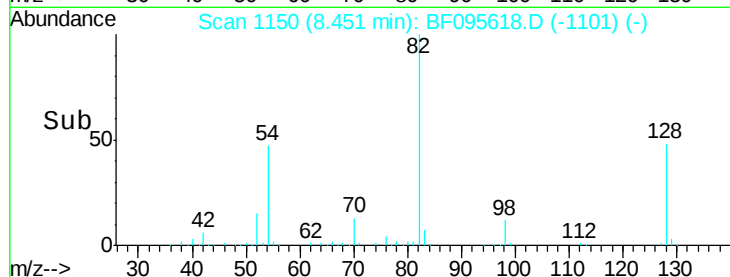
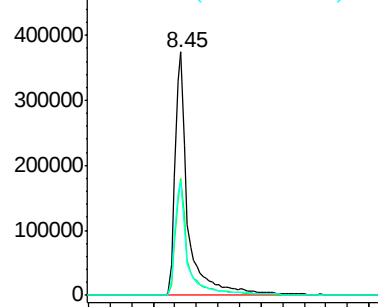
#23
 Nitrobenzene-d5
 Concen: 99.566 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 R4-COMP

Tgt Ion: 82 Resp: 624058
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 46.9 42.2 63.2

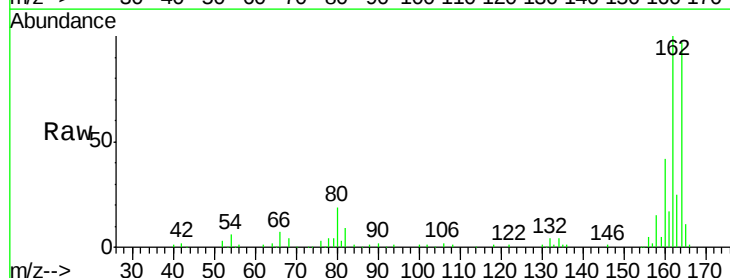


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

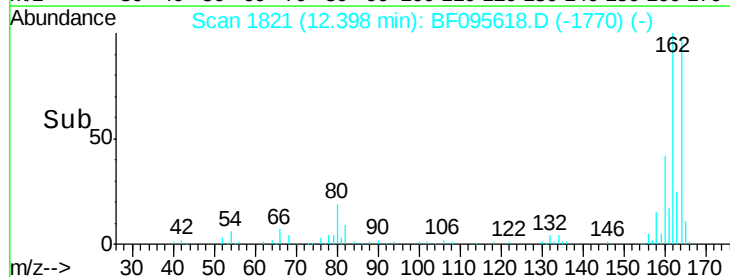
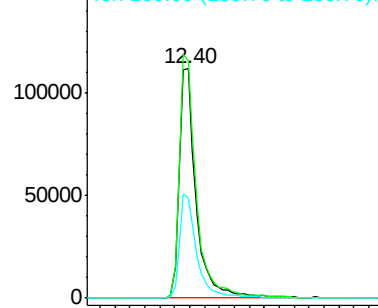


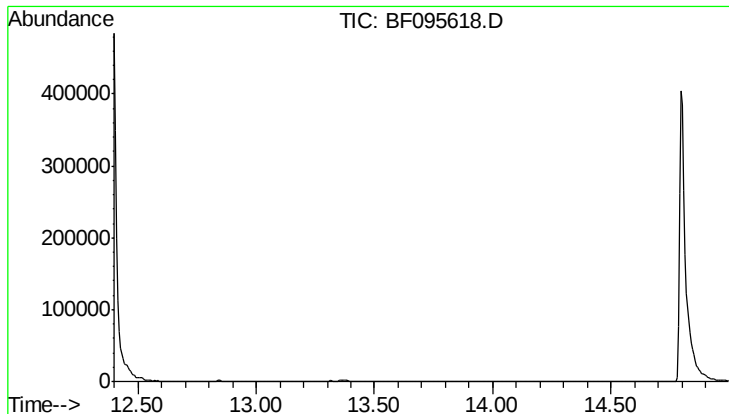
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.40 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Tgt Ion: 164 Resp: 176997
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 43.9 36.2 54.2



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



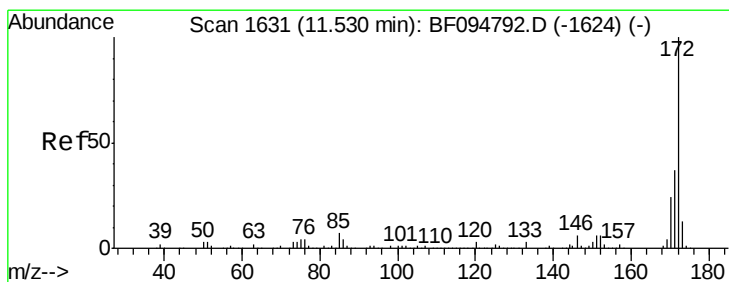
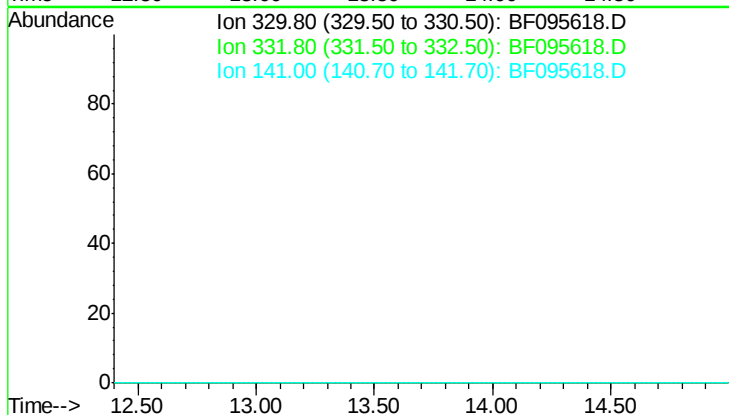


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 13.70 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 R4-COMP

Tgt Ion: 330

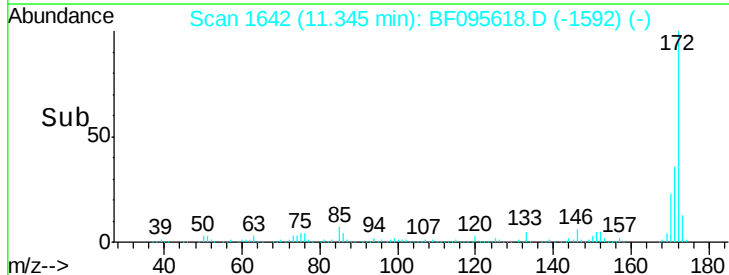
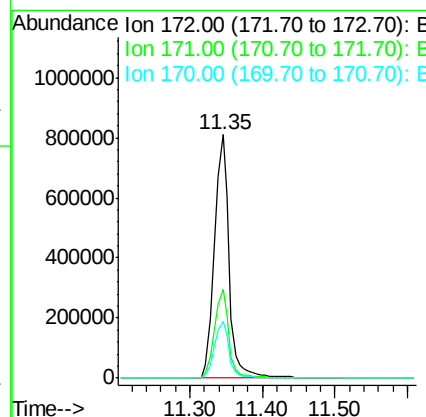
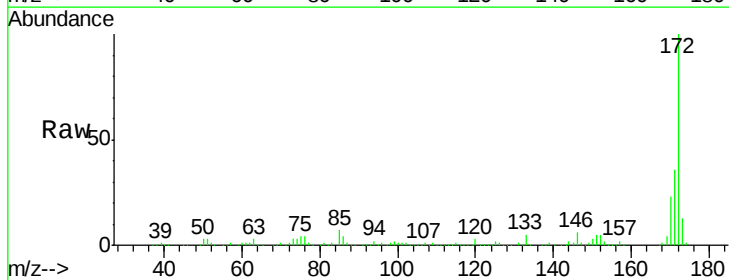
Sig	Exp Ratio
330	100
332	95.8
141	39.3

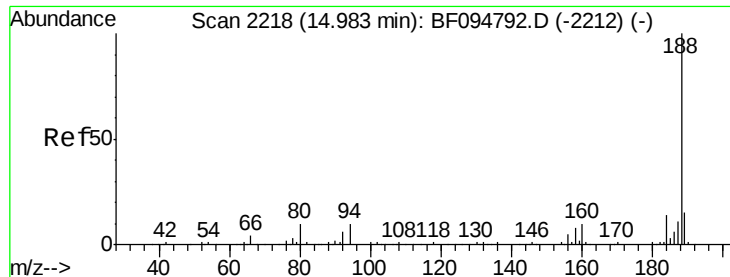


#44
 2-Fluorobiphenyl
 Concen: 93.231 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Tgt Ion: 172 Resp: 1146468

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.3	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095618.D

Acq: 2 Jun 2017 4:58

Instrument :

BNA_F

ClientSampleId :

R4-COMP

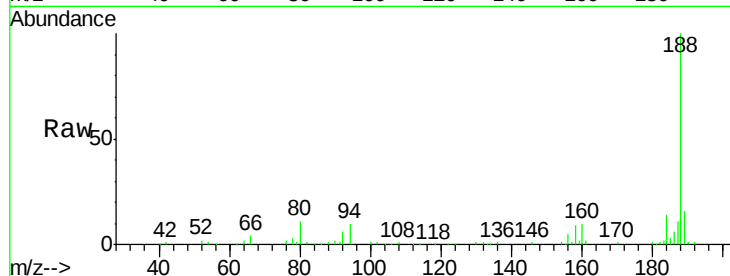
Tgt Ion:188 Resp: 317396

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

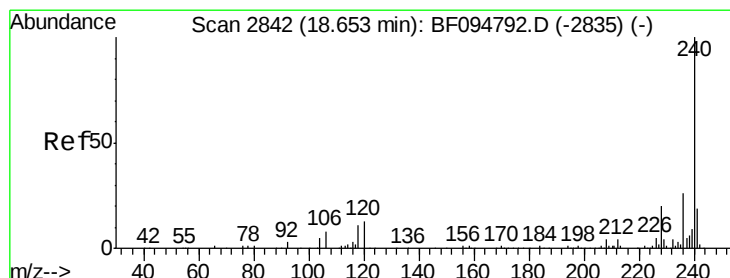
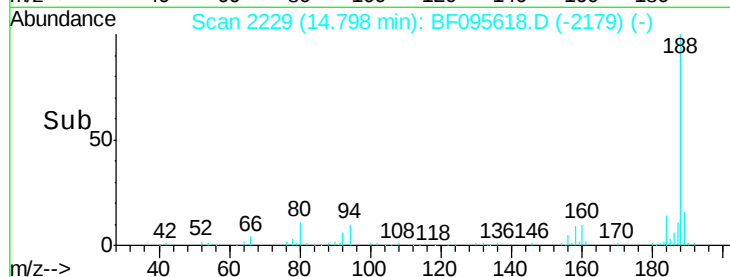
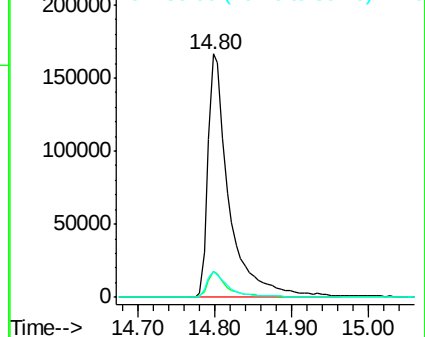
80 10.7 10.2 15.2



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: BF095618.D

Acq: 2 Jun 2017 4:58

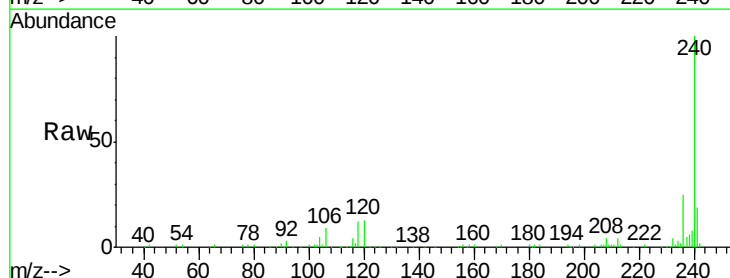
Tgt Ion:240 Resp: 282754

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

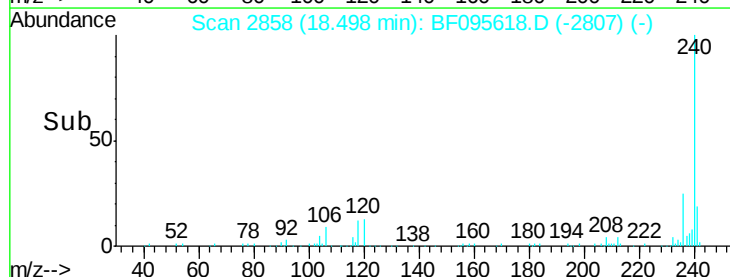
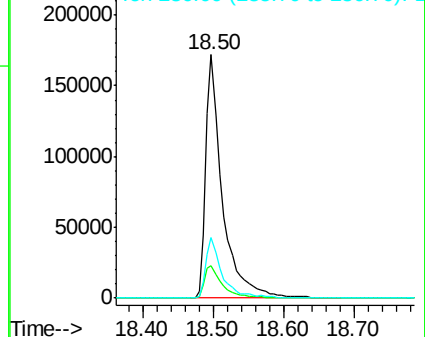
236 24.8 20.5 30.7



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

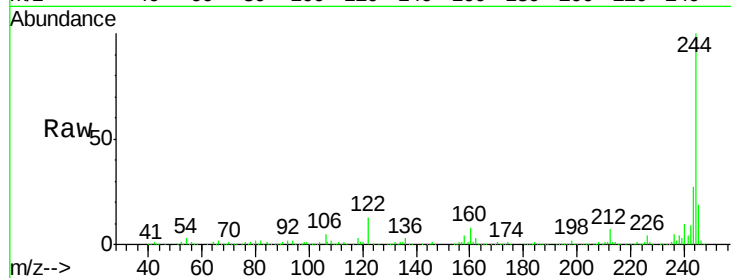




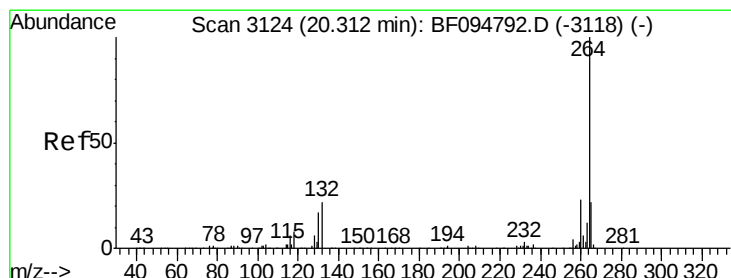
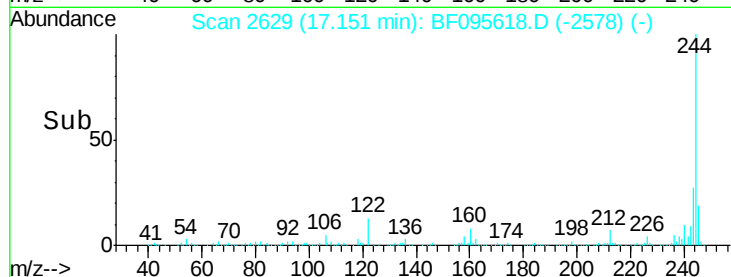
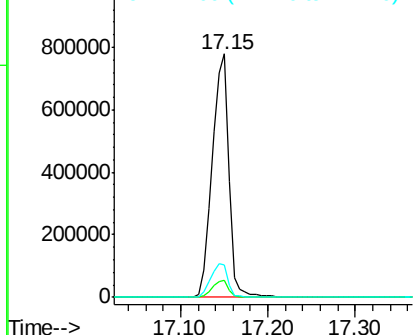
#78
 Terphenyl-d14
 Concen: 80.613 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 R4-COMP

Tgt Ion:244 Resp: 1034866
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.4 10.3 15.5

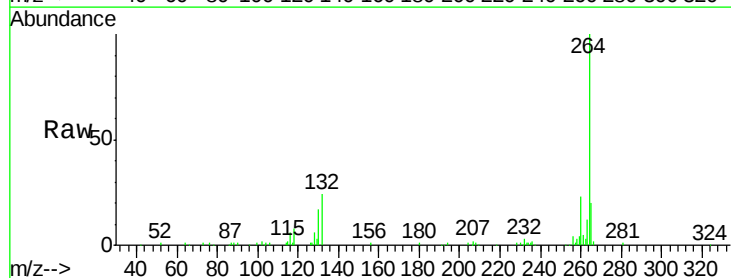


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095618.D
 Acq: 2 Jun 2017 4:58

Tgt Ion:264 Resp: 179721
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.4 17.2 25.8



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

