

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095436.D
 Acq On : 25 May 2017 22:00
 Operator : SJ/MA
 Sample : I3222-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-12

Quant Time: May 26 03:04:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

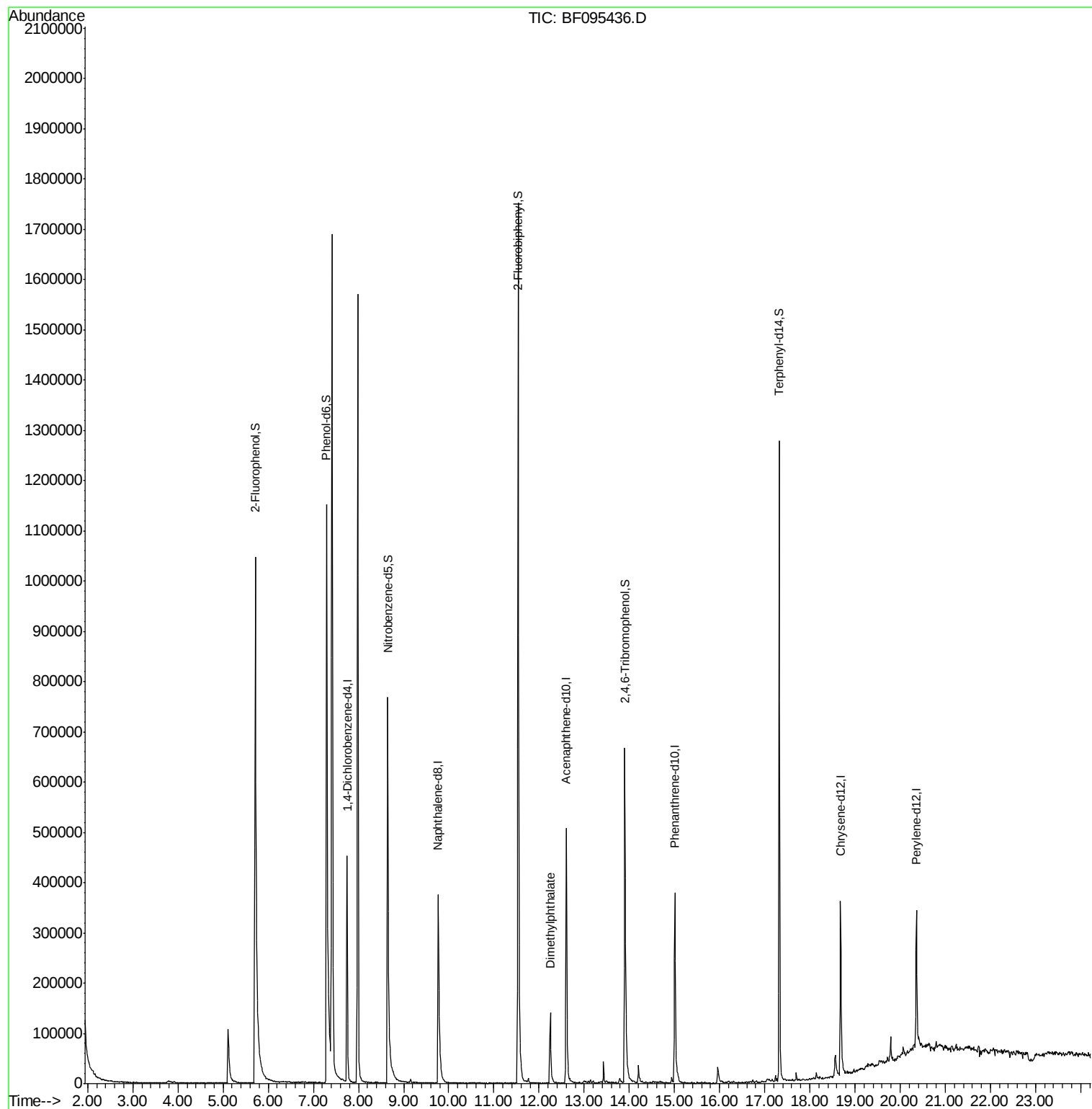
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	103771	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	416057	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	182504	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	279944	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	197523	20.00	ng	-0.01
86) Perylene-d12	20.36	264	150846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	791432	127.15	ng	-0.02
7) Phenol-d6	7.30	99	923770	123.70	ng	-0.02
23) Nitrobenzene-d5	8.65	82	512446	77.67	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	150821	100.91	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1005913	79.33	ng	-0.02
78) Terphenyl-d14	17.32	244	529971	59.10	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	130747	8.73	ng	Qvalue # 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

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ClientSampleId :

EX-12

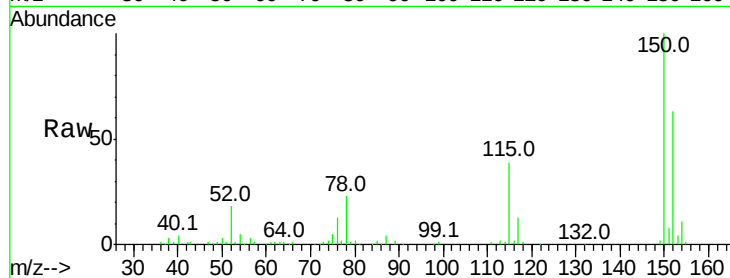
Tot Ion:152 Resp: 103771

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

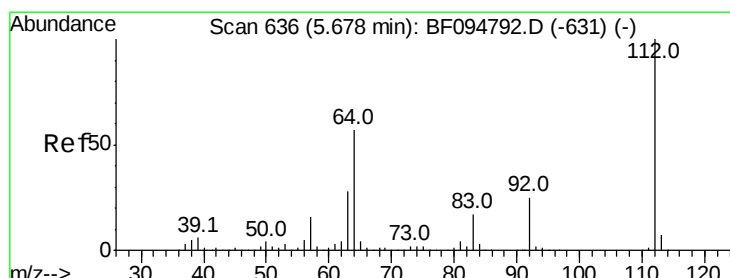
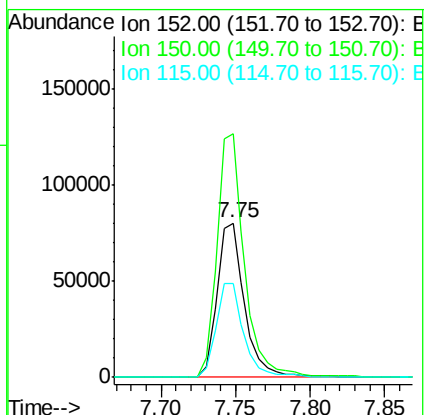
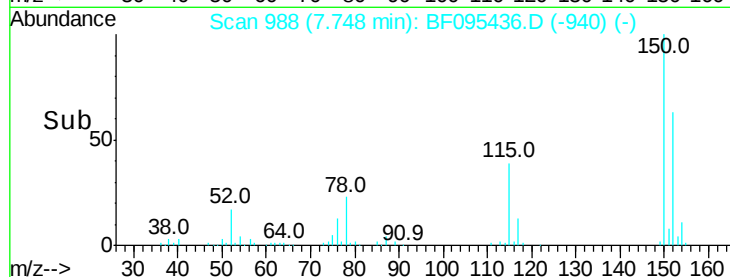
115 60.9 52.2 78.2



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: 127.15 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

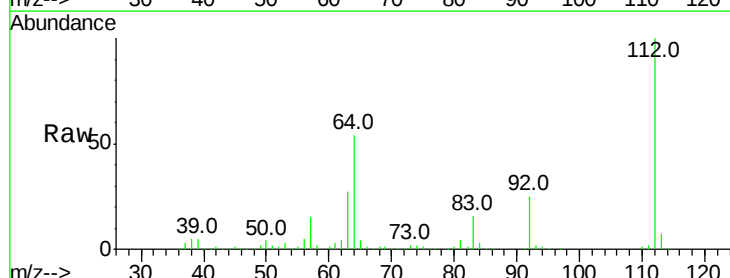
Tgt Ion:112 Resp: 791432

Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

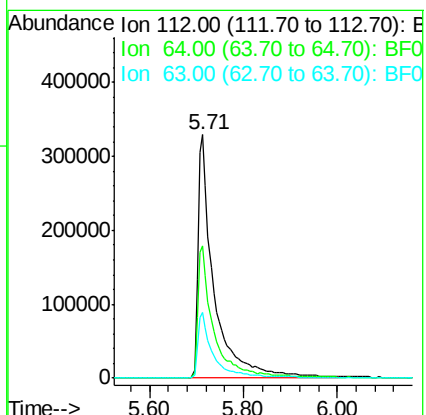
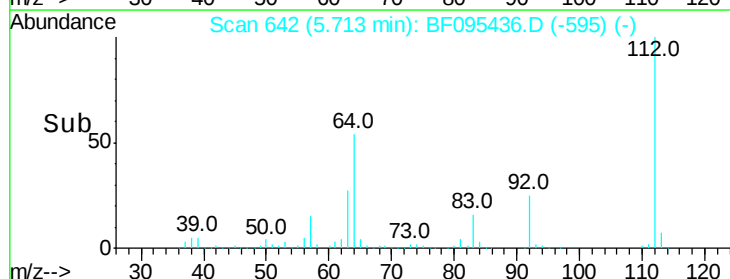
63 27.0 23.4 35.0



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: 123.70 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampleId :

EX-12

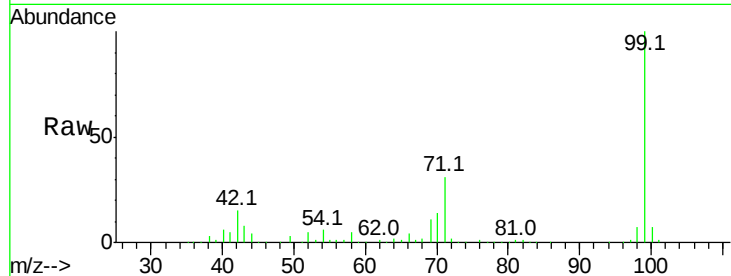
Tot Ion: 99 Resp: 923770

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

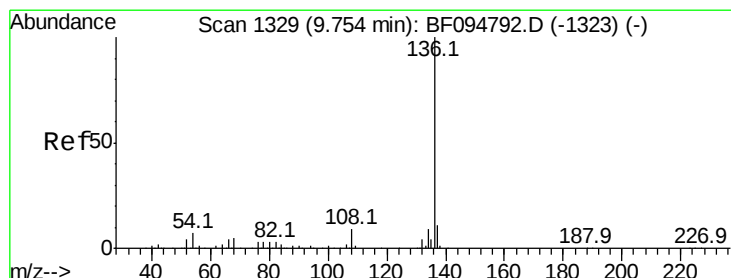
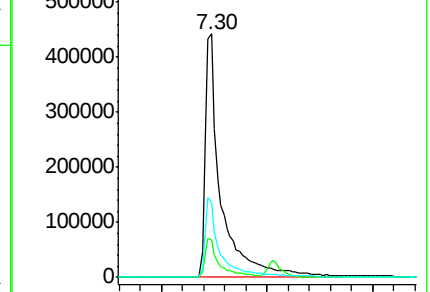
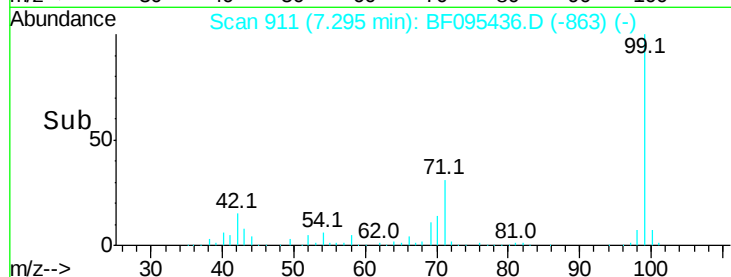
71 30.7 24.5 36.7



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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Tgt Ion: 136 Resp: 416057

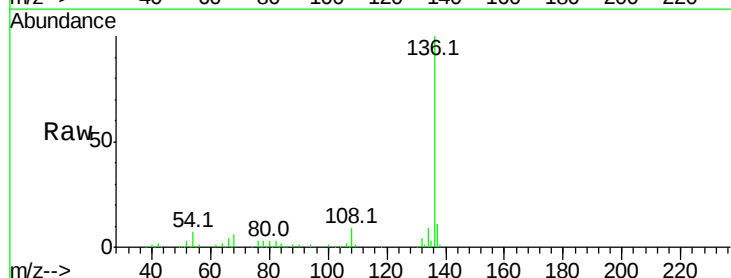
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.9 4.9 7.3

68 6.0 4.1 6.1

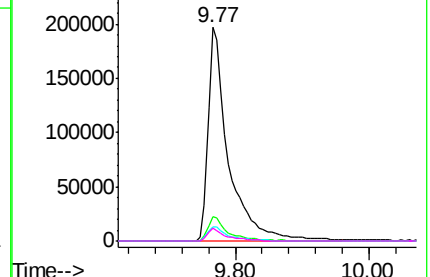
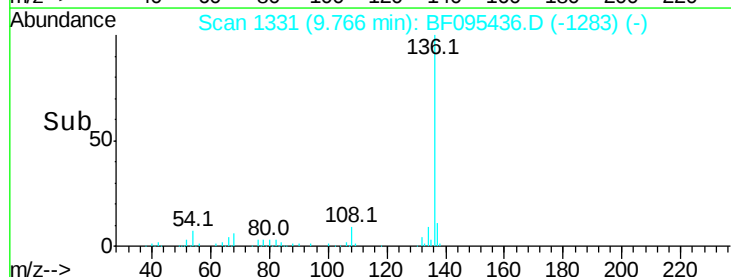


Abundance Ion 136.00 (135.70 to 136.70): E

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

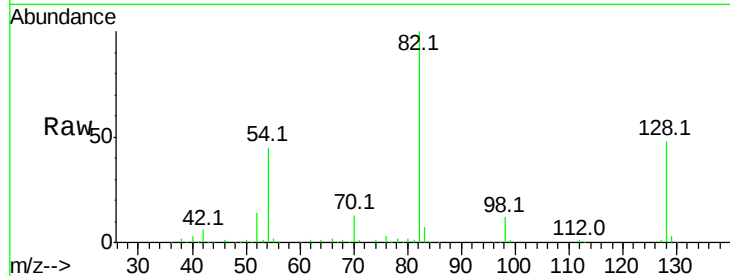




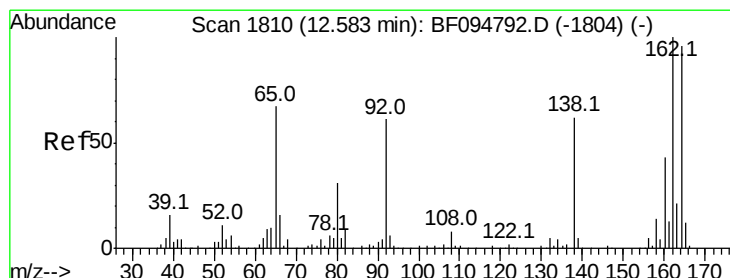
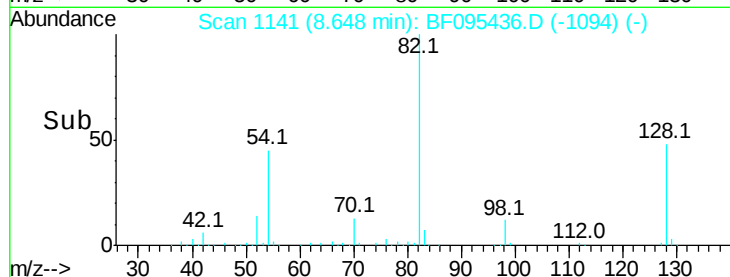
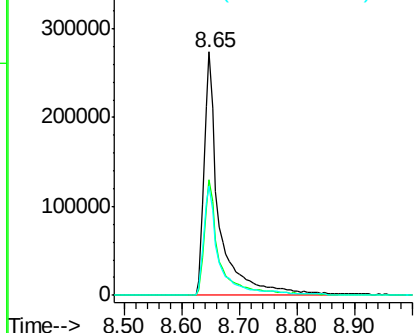
#23
Nitrobenzene-d5
Concen: 77.67 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Instrument :
BNA_F
ClientSampleId :
EX-12

Tot Ion: 82 Resp: 512446
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 45.1 42.2 63.2

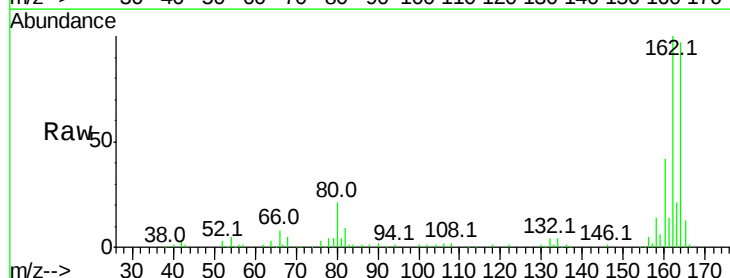


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

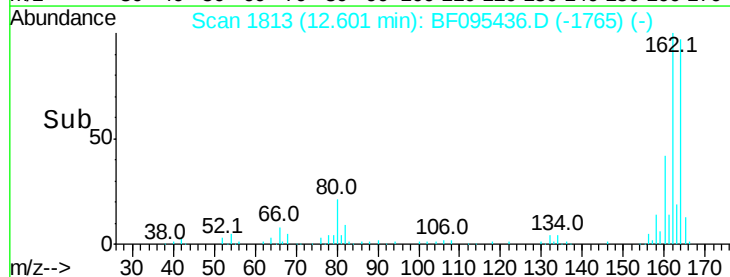
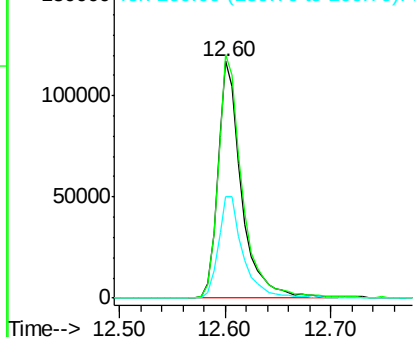


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Tgt Ion:164 Resp: 182504
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 42.7 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

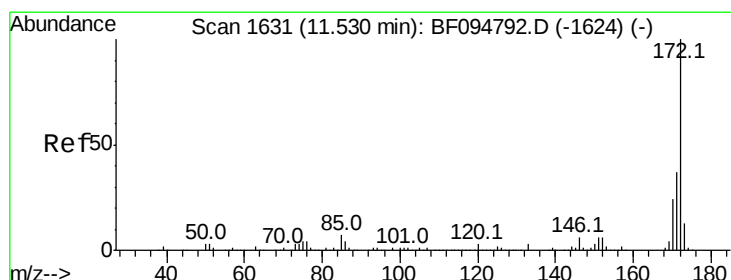
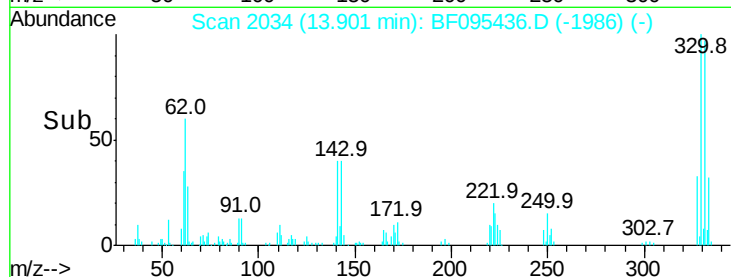
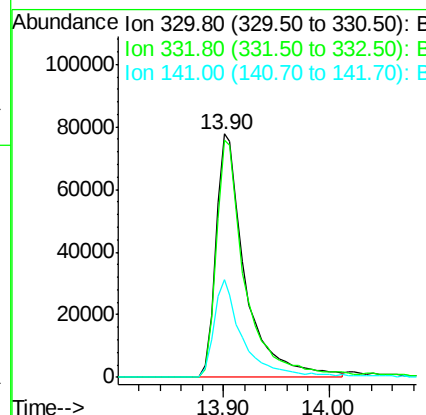
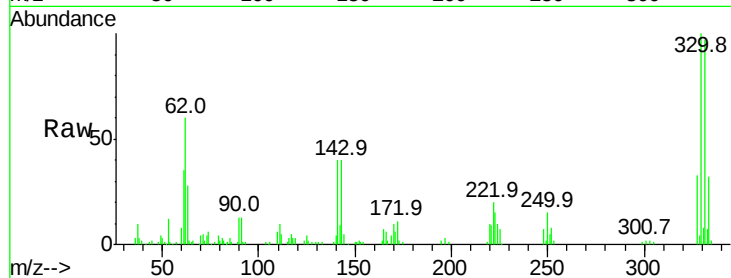




#41
 2,4,6-Tribromophenol
 Concen: 100.91 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095436.D
 Acq: 25 May 2017 22:00

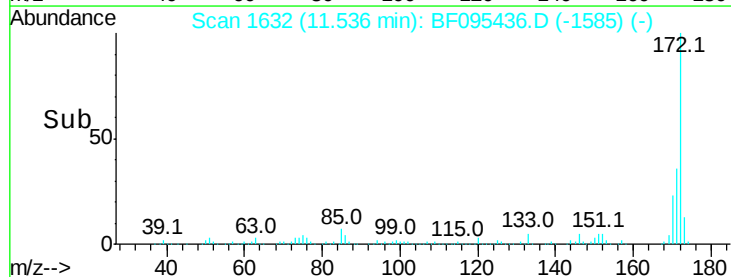
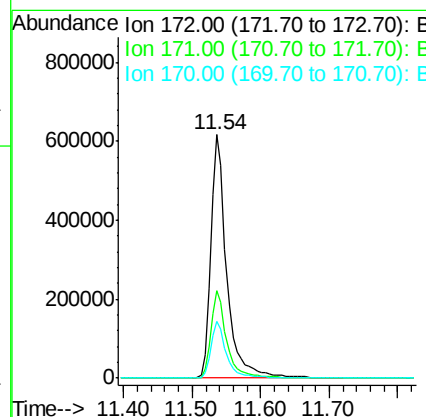
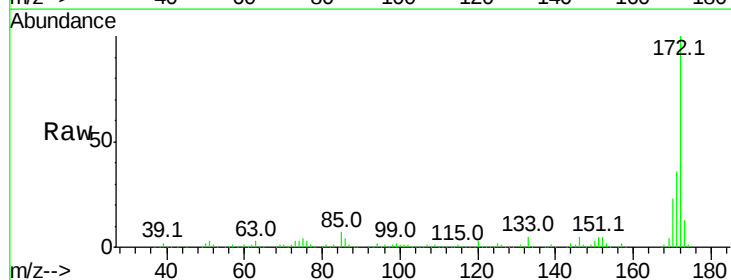
Instrument :
 BNA_F
 ClientSampleId :
 EX-12

Tot Ion:330 Resp: 150821
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.33 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095436.D
 Acq: 25 May 2017 22:00

Tgt Ion:172 Resp: 1005913
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.2 19.8 29.8





#49

Dimethylphthalate

Concen: 8.73 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampled :

EX-12

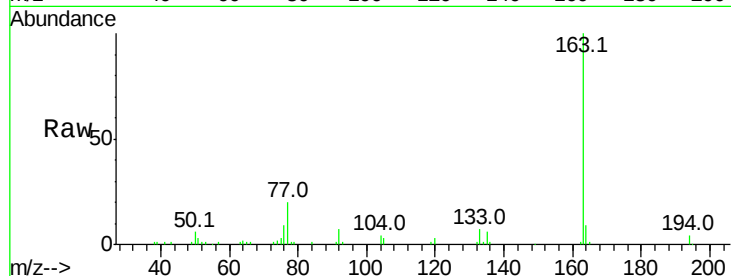
Tot Ion:163 Resp: 130747

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

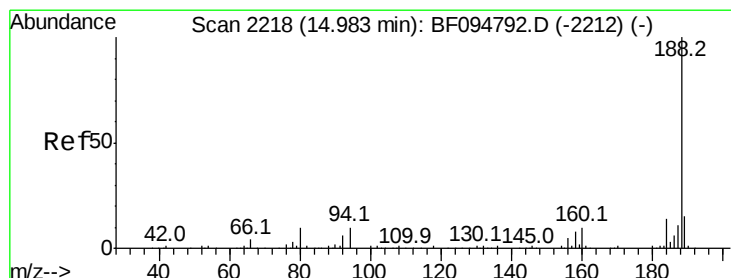
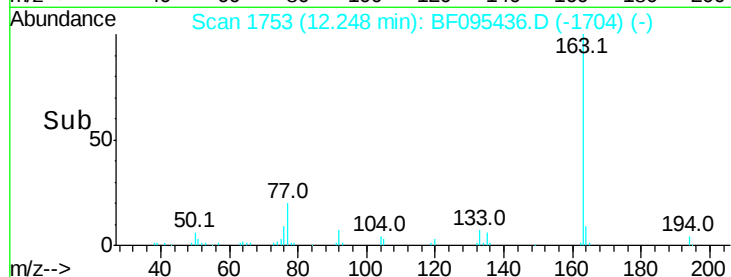
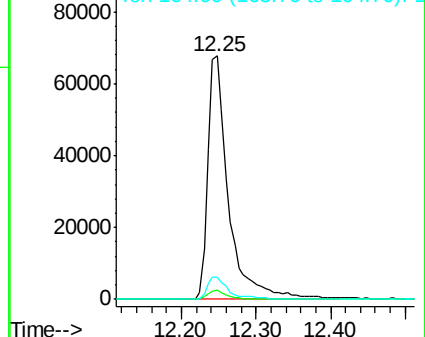
164 9.2 8.4 12.6



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: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

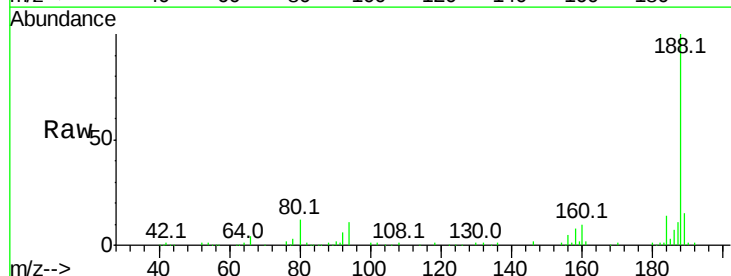
Tgt Ion:188 Resp: 279944

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

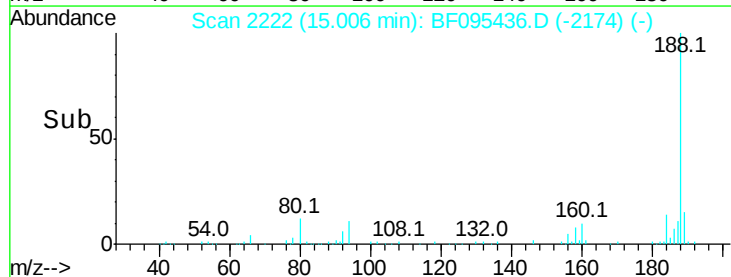
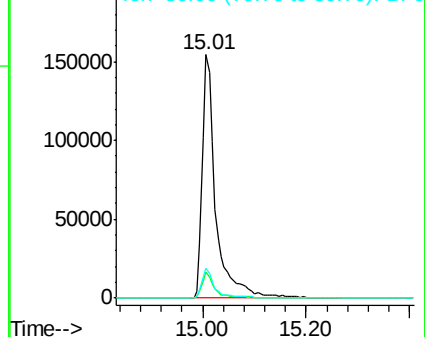
80 12.2 10.2 15.2

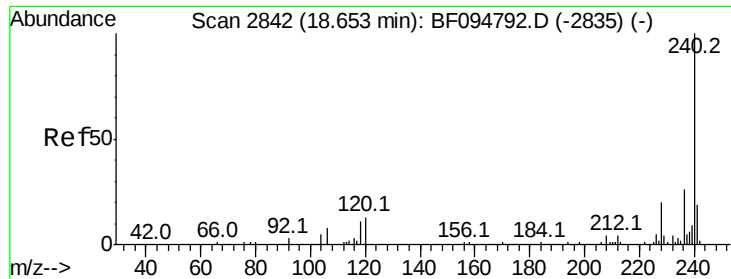


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampleId :

EX-12

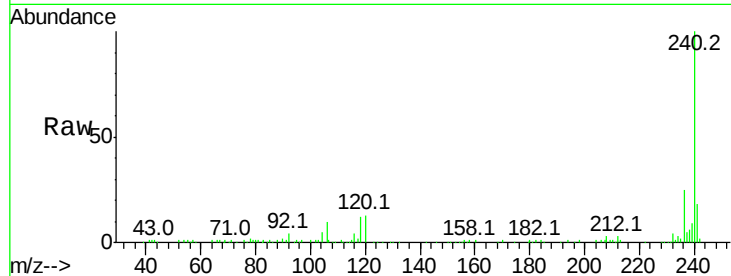
Tot Ion:240 Resp: 197523

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

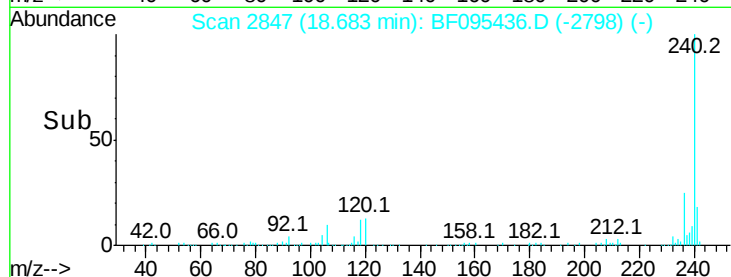
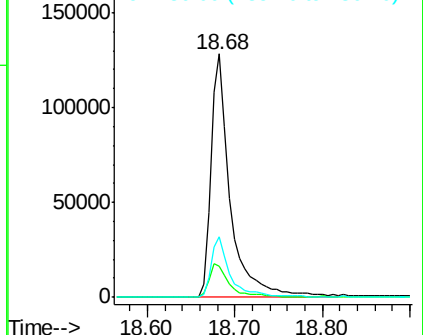
236 24.8 20.5 30.7



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: 59.10 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

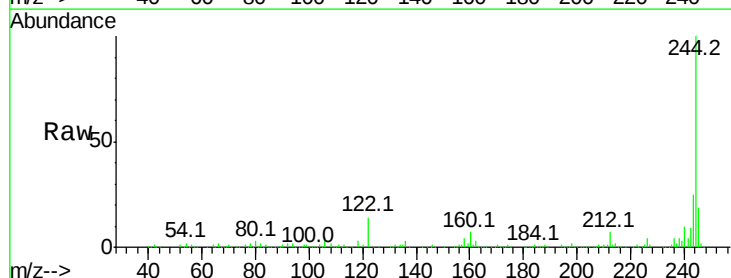
Tgt Ion:244 Resp: 529971

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

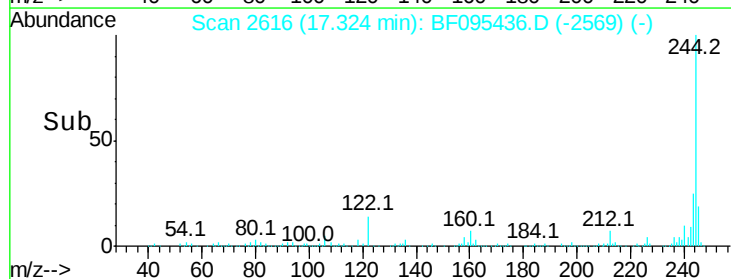
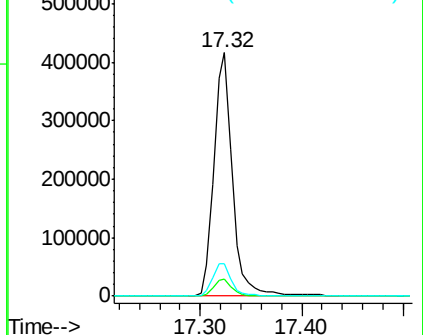
122 13.5 10.3 15.5

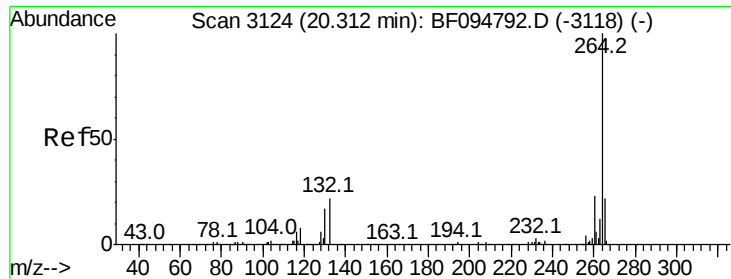


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Instrument :
BNA_F
ClientSampleId :
EX-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	17.2	25.8

