

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095957.D
 Acq On : 16 Jun 2017 16:00
 Operator : SJ/MA
 Sample : I3693-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Quant Time: Jun 16 23:51:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63029	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	258468	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	112892	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	180724	20.00	ng	0.00
75) Chrysene-d12	18.29	240	125444	20.00	ng	0.00
86) Perylene-d12	19.96	264	127809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	485988	122.86	ng	0.02
7) Phenol-d6	6.90	99	530054	111.93	ng	0.00
23) Nitrobenzene-d5	8.24	82	379245	91.12	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	129185	129.34	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	726608	89.57	ng	0.00
78) Terphenyl-d14	16.94	244	485844	96.12	ng	0.00

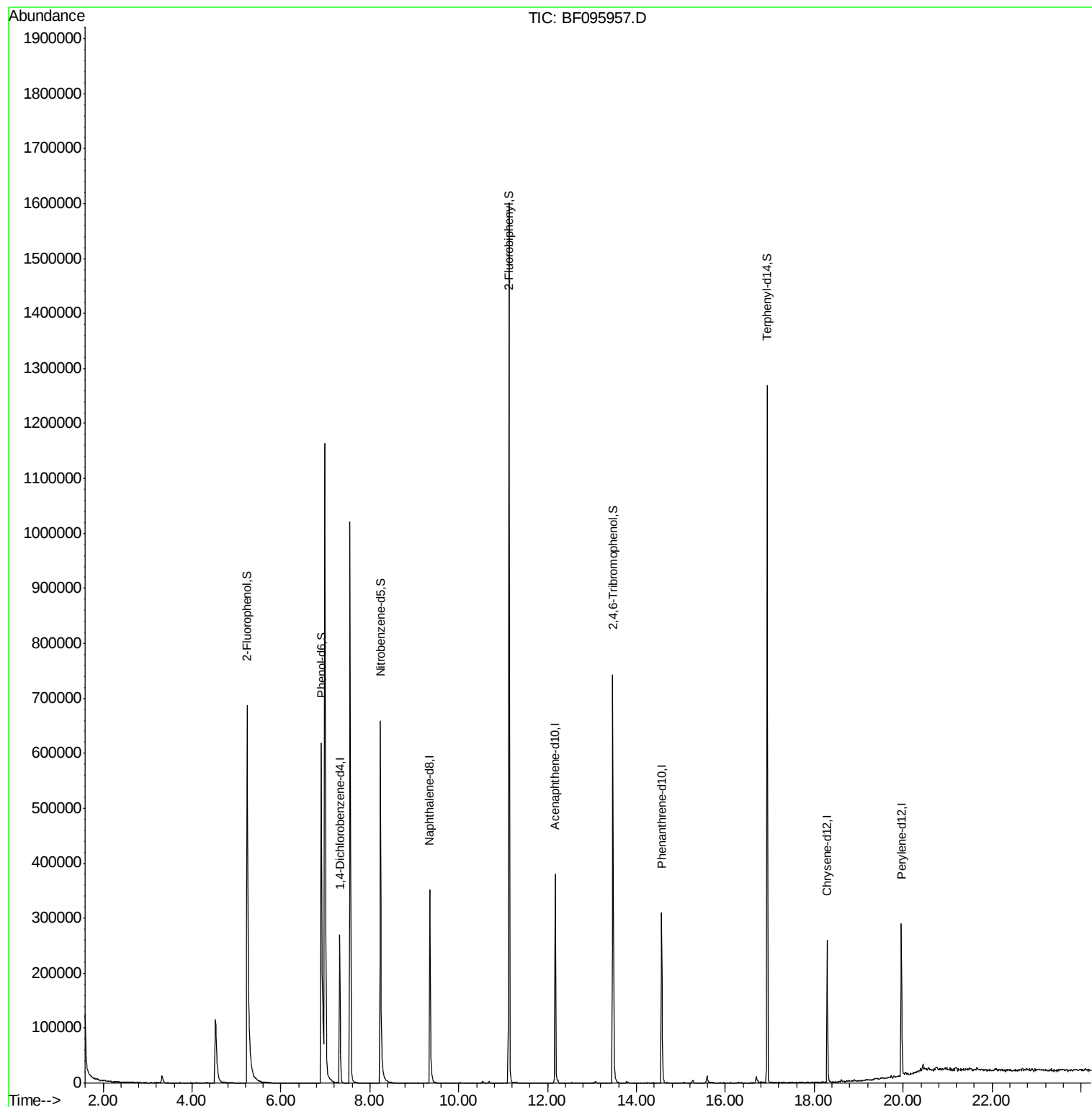
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-A

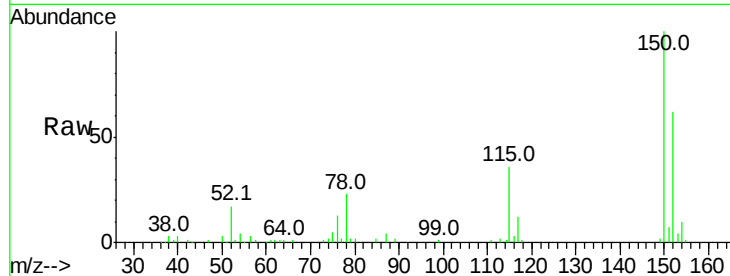
Tot Ion:152 Resp: 63029

Ion Ratio Lower Upper

152 100

150 161.7 126.2 189.2

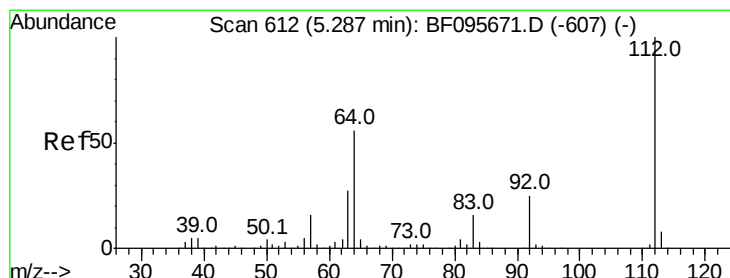
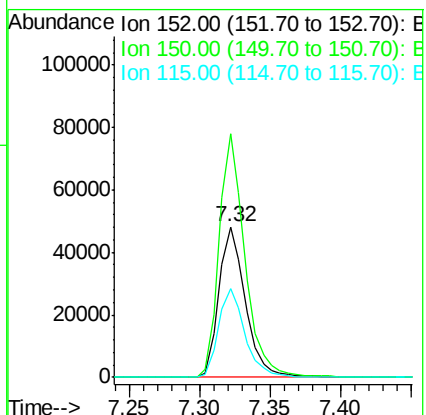
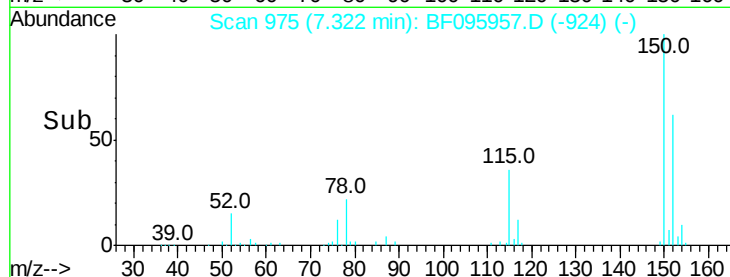
115 58.9 52.2 78.2



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: 122.86 ng

RT: 5.24 min Scan# 621

Delta R.T. 0.02 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

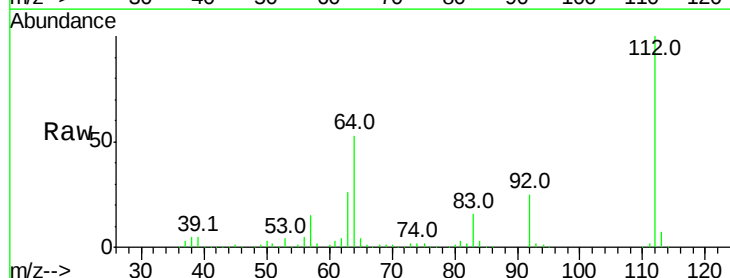
Tgt Ion:112 Resp: 485988

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

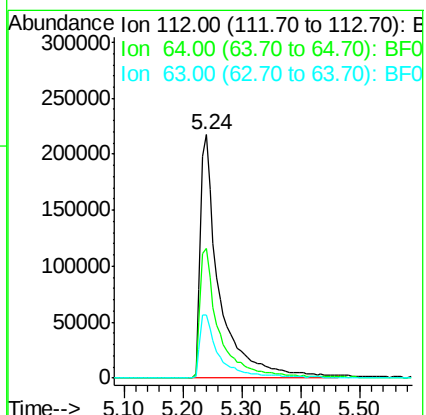
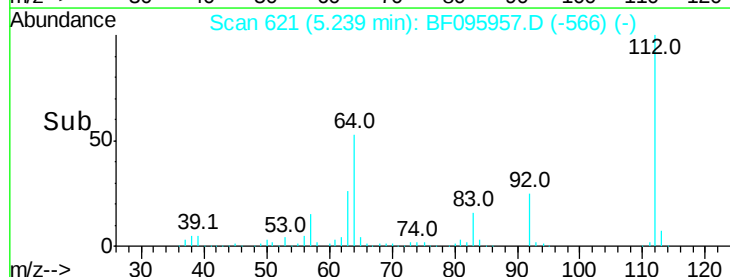
63 25.9 23.4 35.0



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: 111.93 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-A

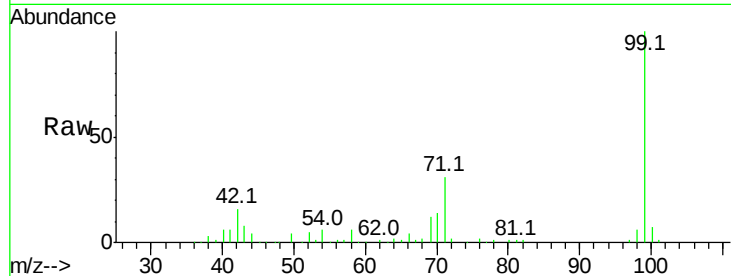
Tot Ion: 99 Resp: 530054

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.0 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

300000

250000

200000

150000

100000

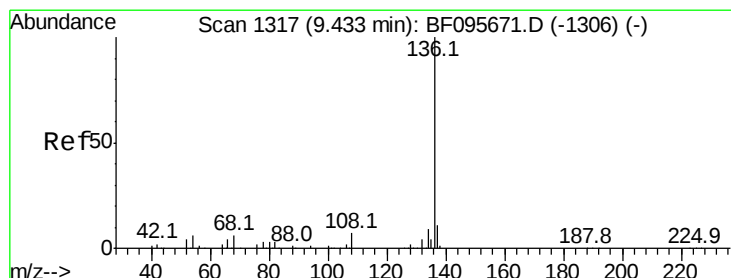
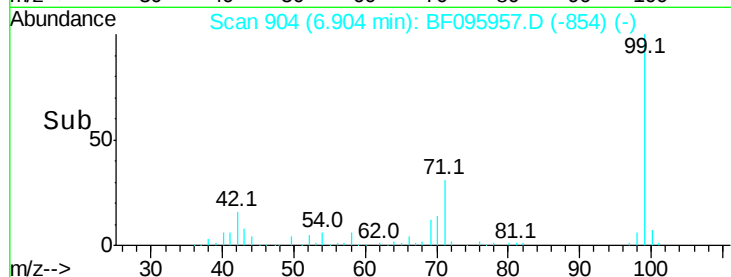
50000

0

6.90

6.80 6.90 7.00 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Tgt Ion: 136 Resp: 258468

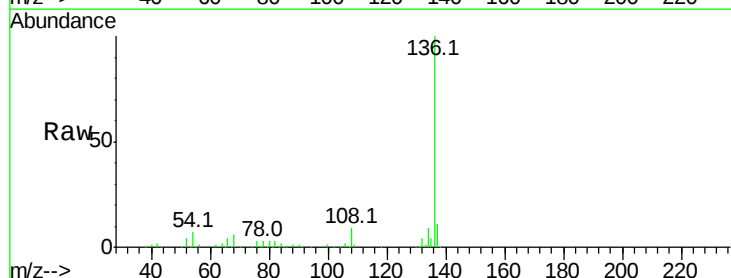
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 6.1 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

250000

200000

150000

100000

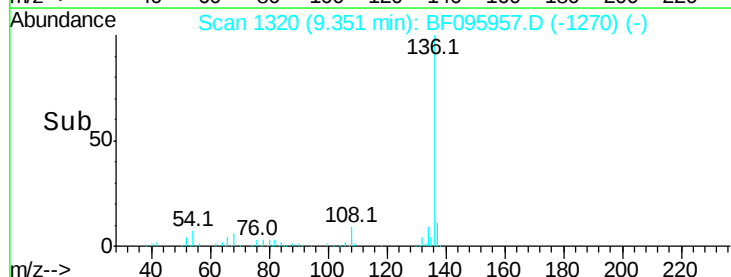
50000

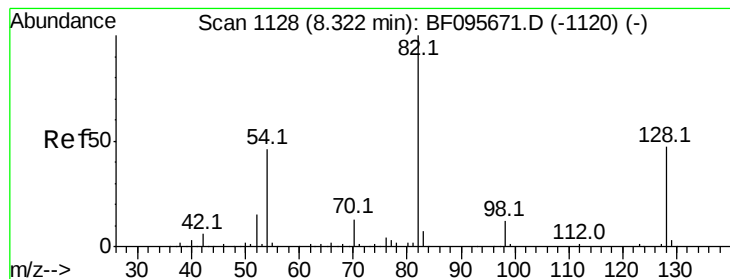
0

9.35

9.30 9.40 9.50

Time-->





#23

Nitrobenzene-d5

Concen: 91.12 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-A

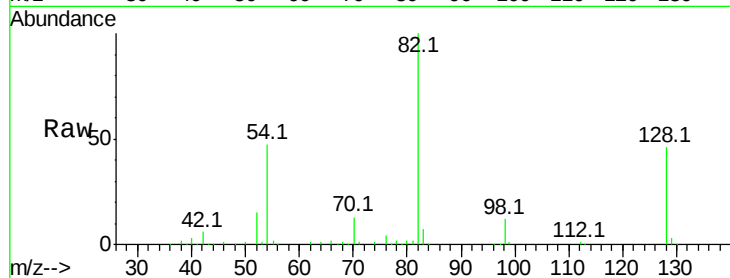
Tot Ion: 82 Resp: 379245

Ion Ratio Lower Upper

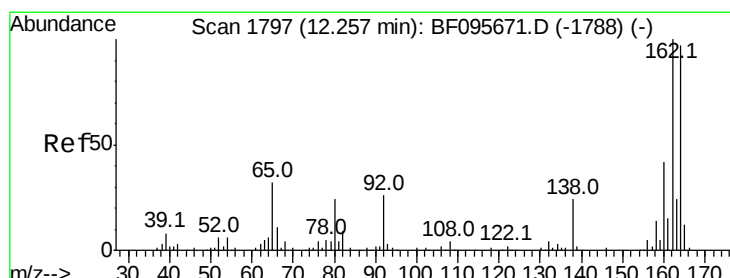
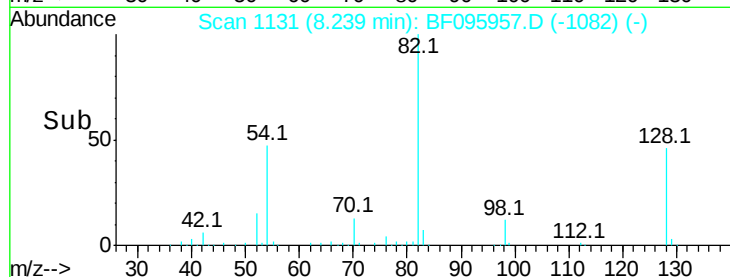
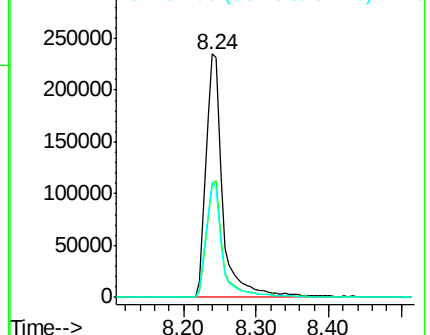
82 100

128 45.9 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): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

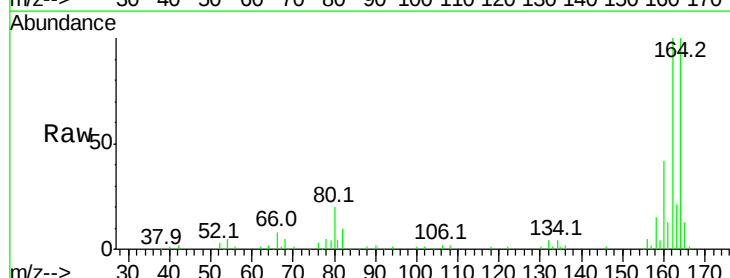
Tgt Ion:164 Resp: 112892

Ion Ratio Lower Upper

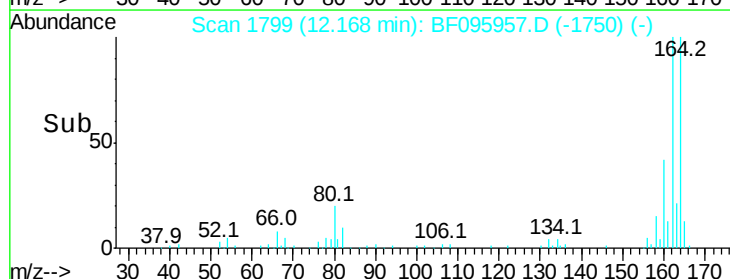
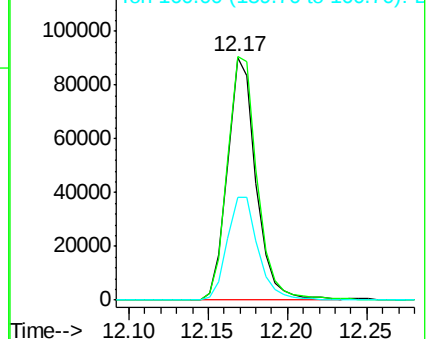
164 100

162 100.3 82.6 123.8

160 42.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

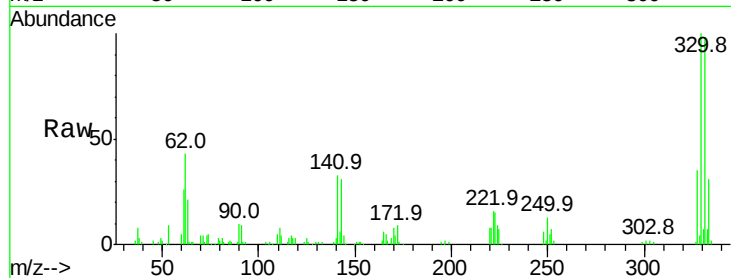




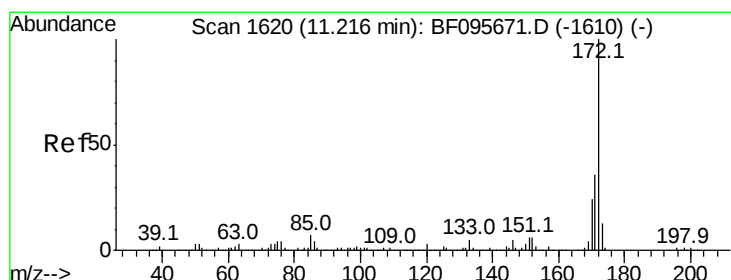
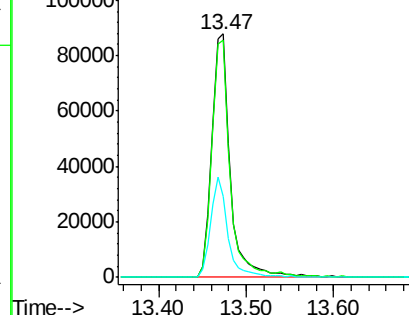
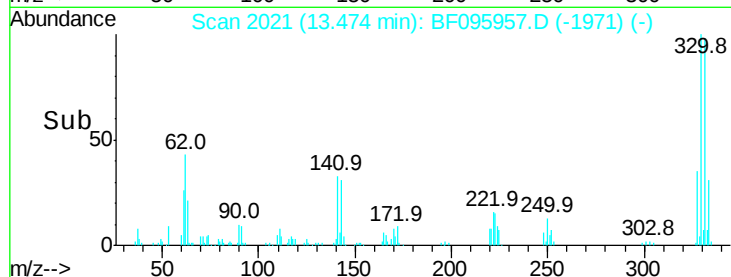
#41
 2,4,6-Tribromophenol
 Concen: 129.34 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	38.4	31.4	47.2

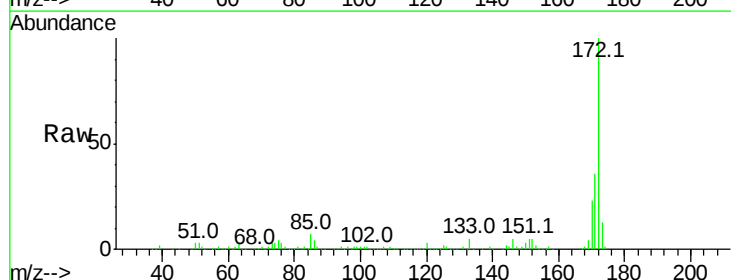


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

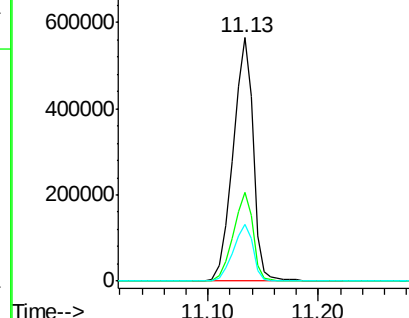
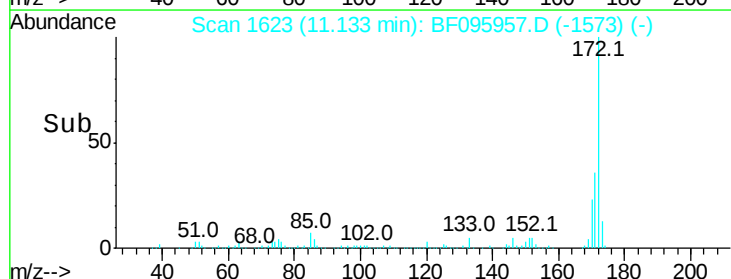


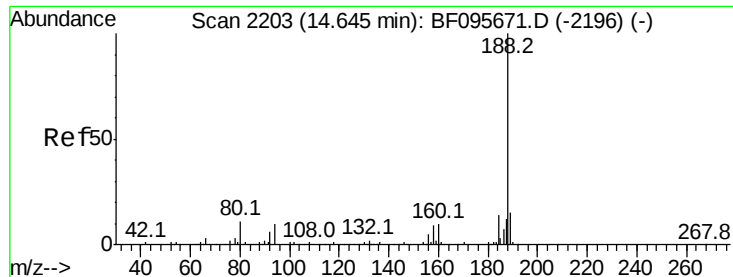
#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	19.8	29.8



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

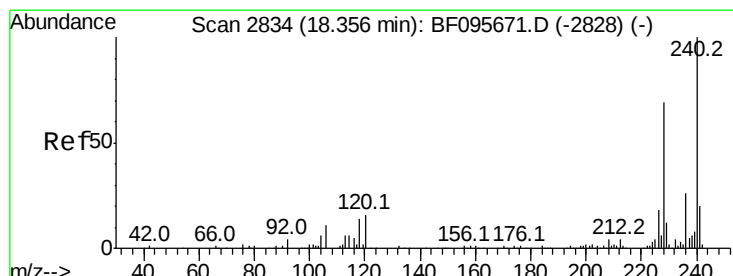
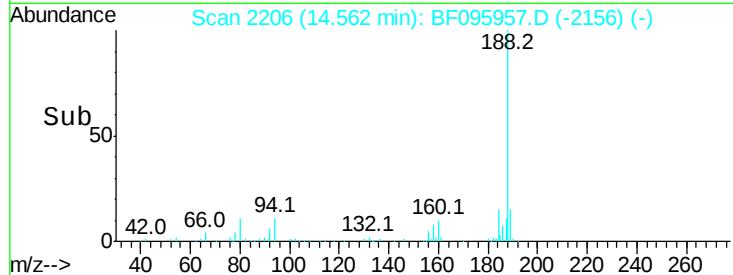
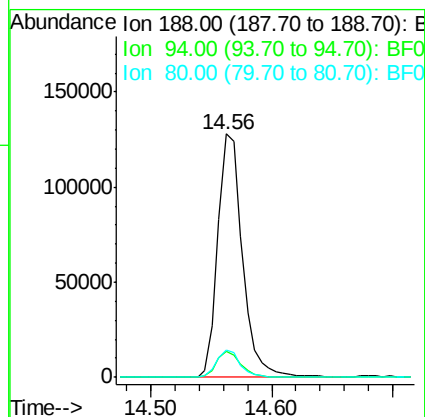
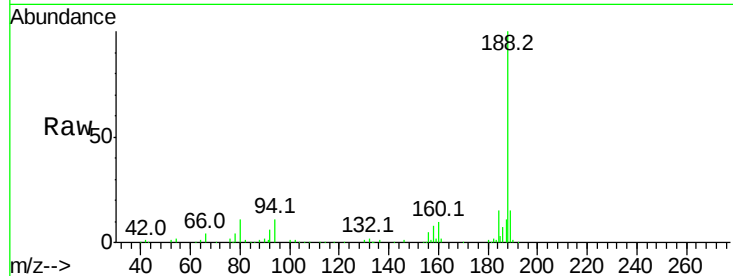




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

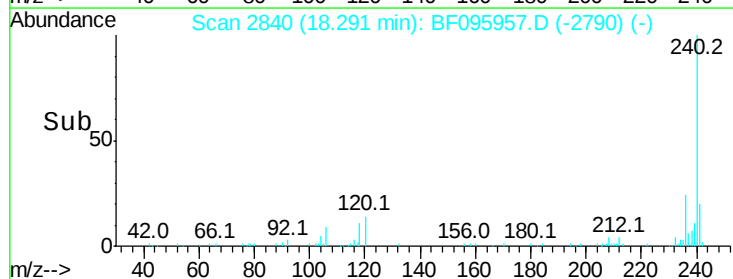
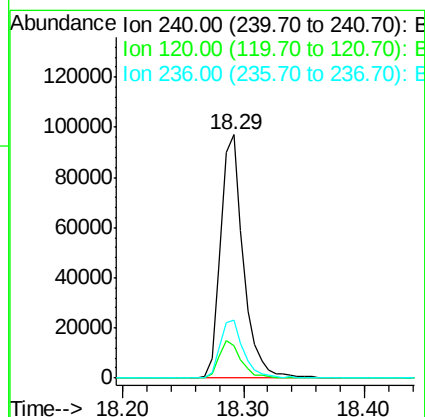
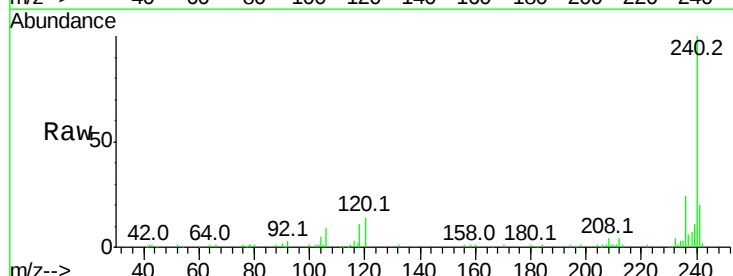
Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

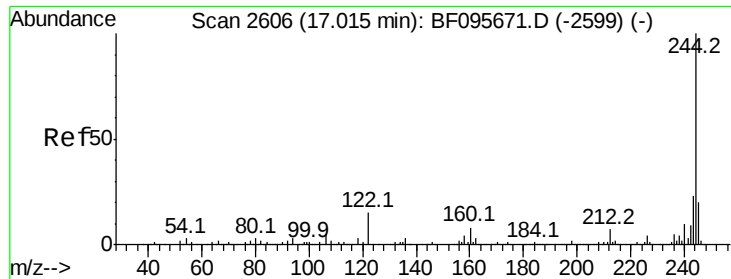
Tot Ion:188 Resp: 180724
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

Tgt Ion:240 Resp: 125444
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 24.0 20.5 30.7

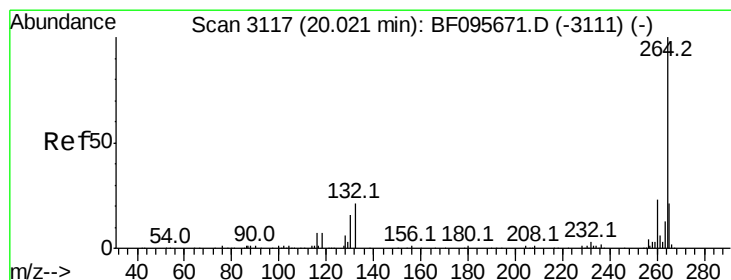
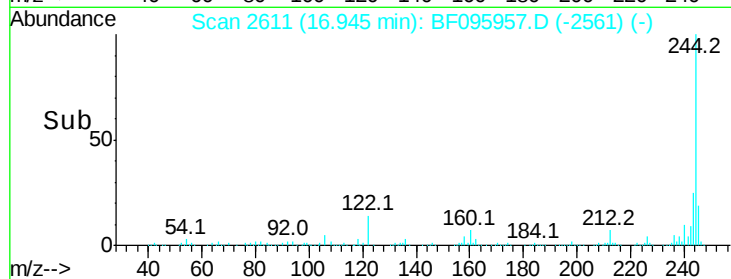
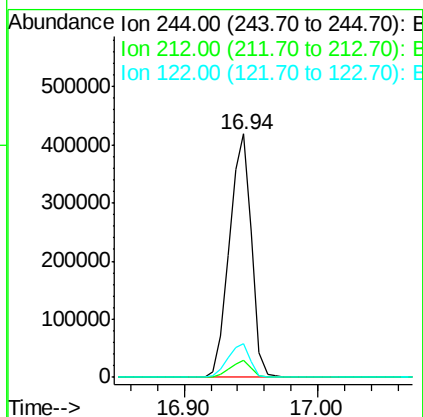
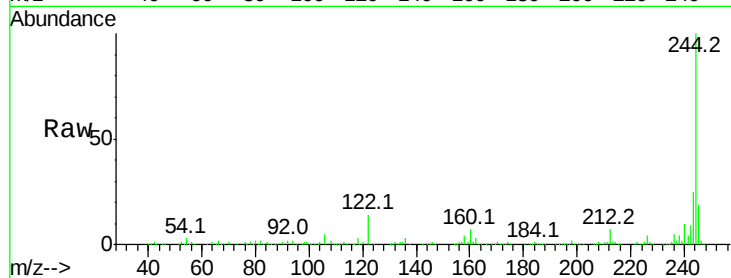




#78
 Terphenyl-d14
 Concen: 96.12 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion:244 Resp: 485844
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Tgt Ion:264 Resp: 127809
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.2 25.8

