

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095370.D
 Acq On : 24 May 2017 3:46
 Operator : SJ/MA
 Sample : I3269-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

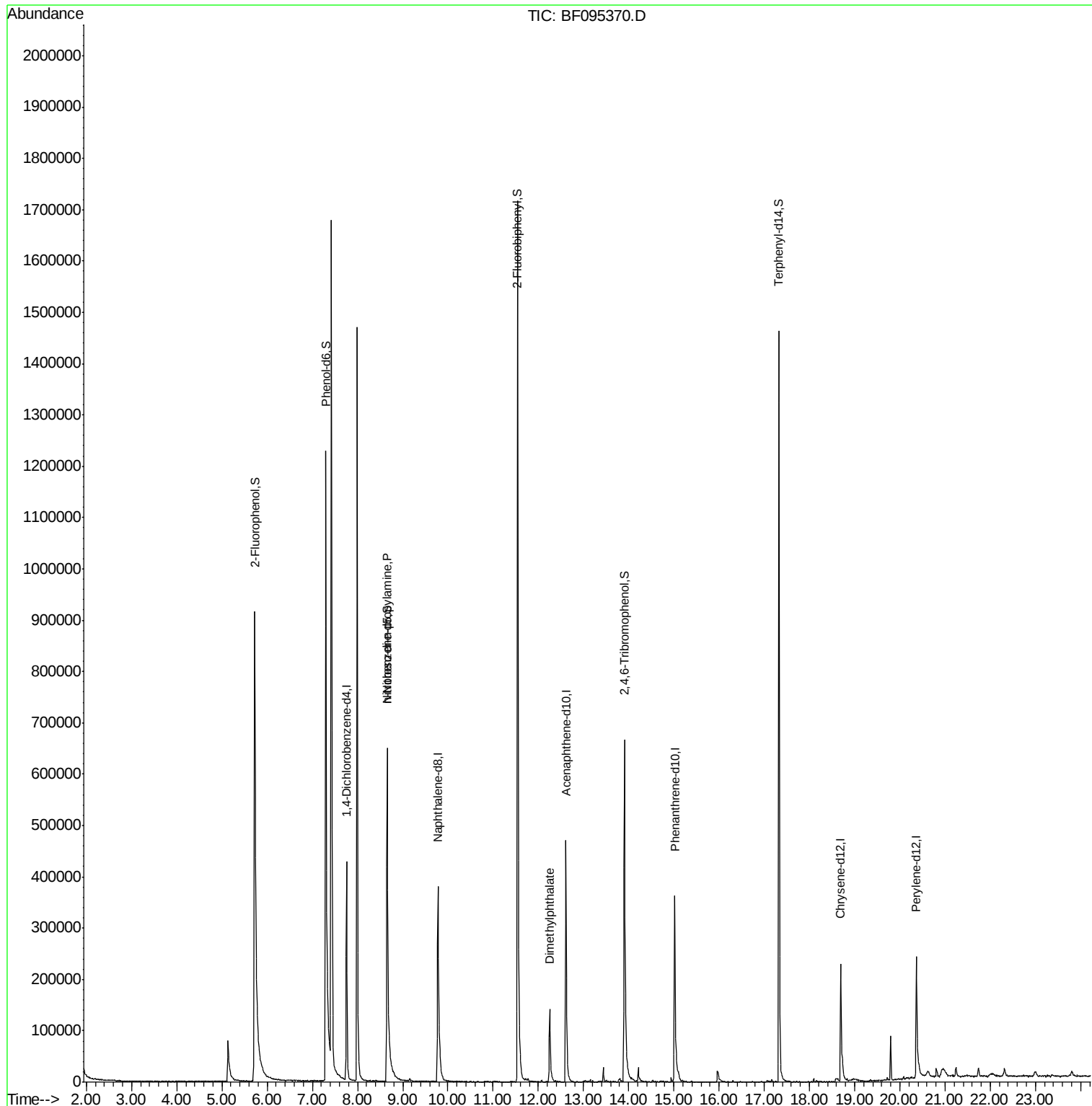
Quant Time: May 24 04:54:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	100294	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	421427	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	176771	20.00	ng	-0.01
63) Phenanthrene-d10	15.02	188	300596	20.00	ng	0.00
75) Chrysene-d12	18.69	240	174276	20.00	ng	0.00
86) Perylene-d12	20.37	264	174280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	758345	126.06	ng	-0.01
7) Phenol-d6	7.30	99	915844	126.89	ng	-0.02
23) Nitrobenzene-d5	8.65	82	487334	72.92	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	164093	113.35	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	976338	79.50	ng	-0.02
78) Terphenyl-d14	17.32	244	643192	81.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	55312	11.33	ng	Qvalue # 75
49) Dimethylphthalate	12.25	163	136695	9.42	ng	99

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

```
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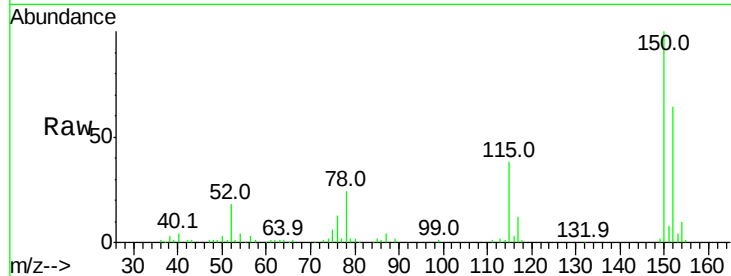


#1

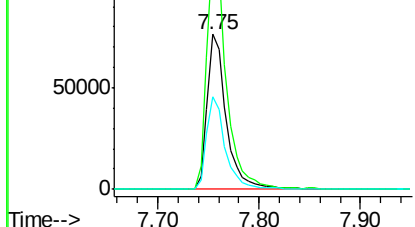
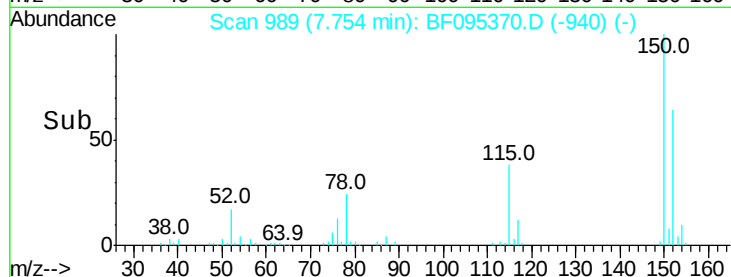
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095370.D
Acq: 24 May 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100294
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 59.5 52.2 78.2



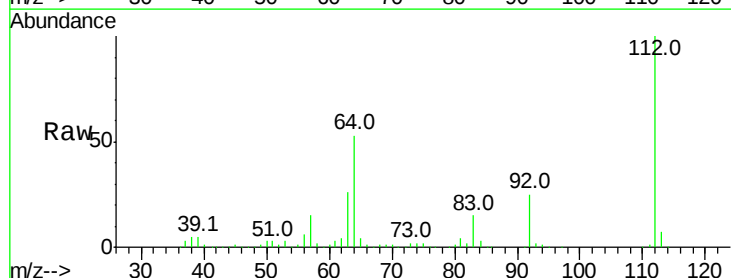
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



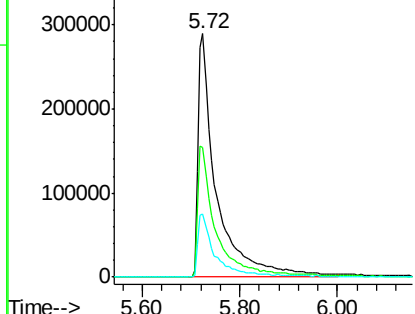
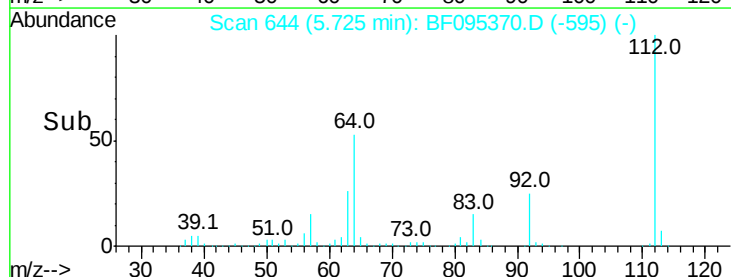
#5

2-Fluorophenol
Concen: 126.06 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095370.D
Acq: 24 May 2017 3:46

Tgt Ion:112 Resp: 758345
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 25.8 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: 126.89 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

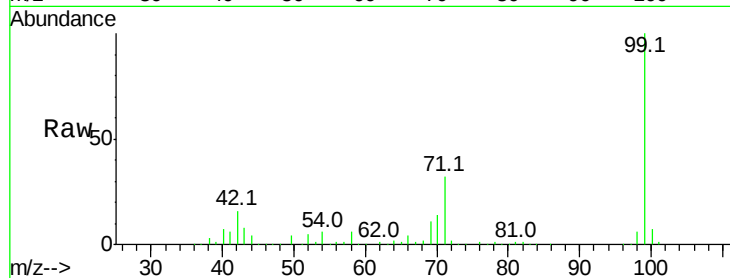
Tot Ion: 99 Resp: 915844

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 31.9 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

7.30

400000

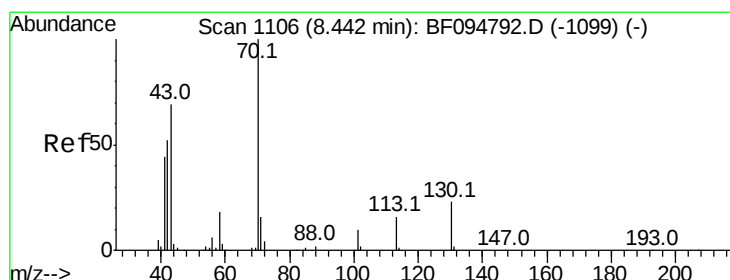
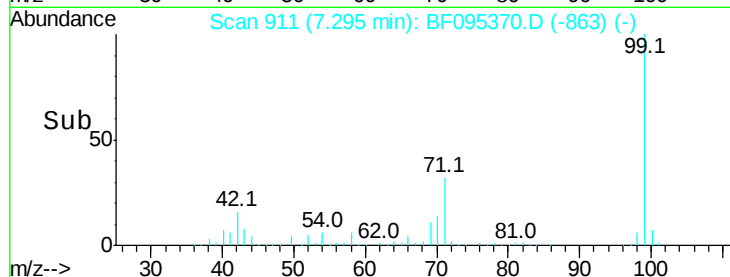
300000

200000

100000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.33 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

Tgt Ion: 70 Resp: 55312

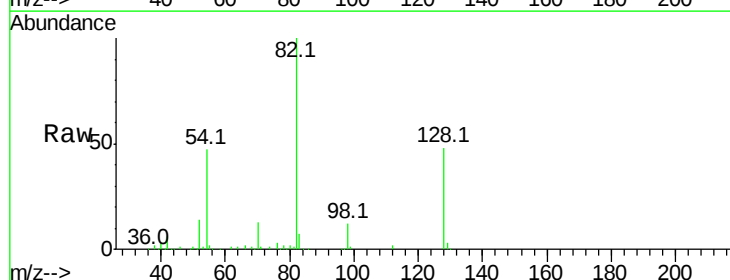
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

8.65

40000

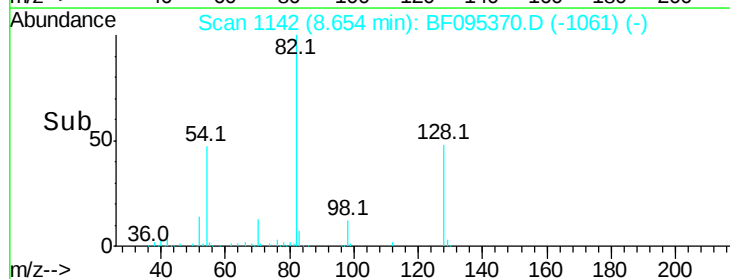
30000

20000

10000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 421427

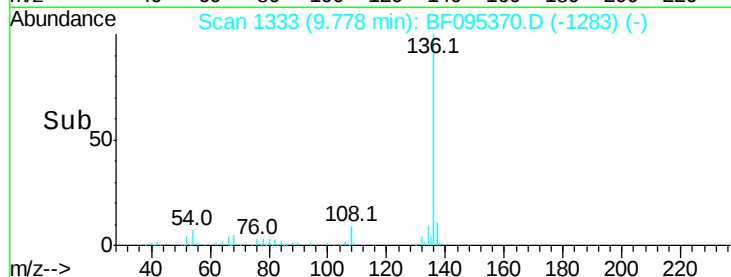
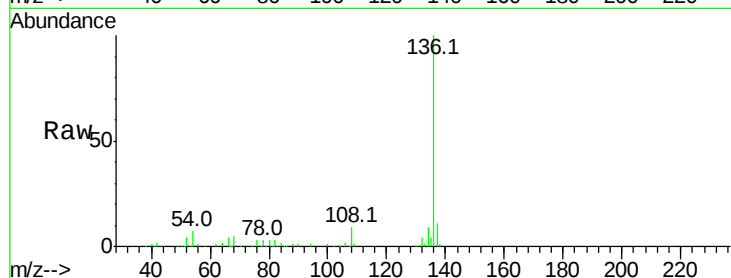
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

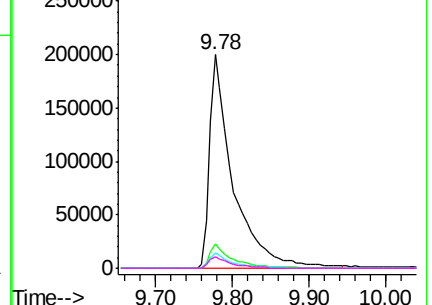


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.92 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

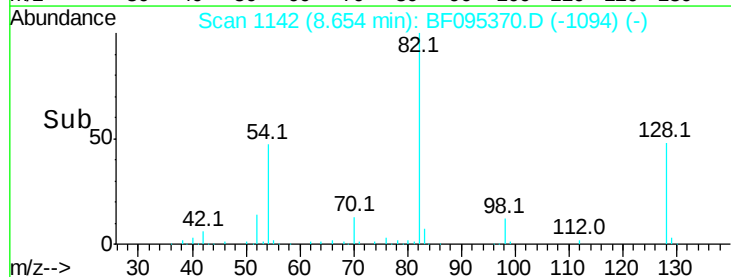
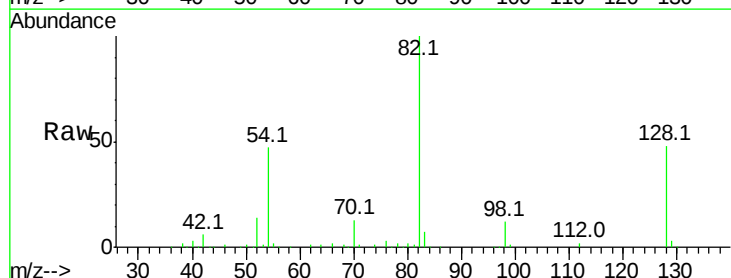
Tgt Ion: 82 Resp: 487334

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

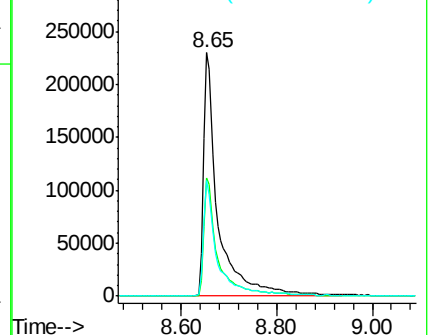
54 47.3 42.2 63.2



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: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

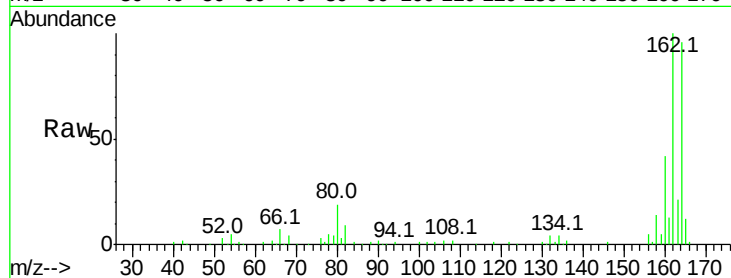
Tot Ion:164 Resp: 176771

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

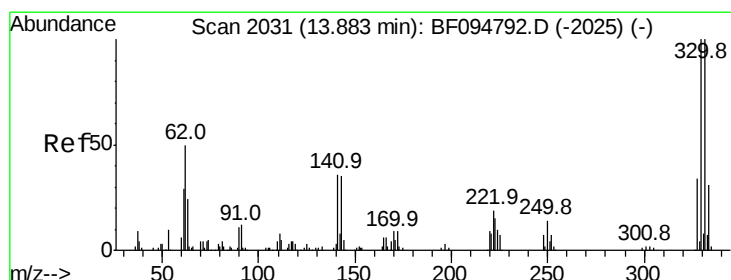
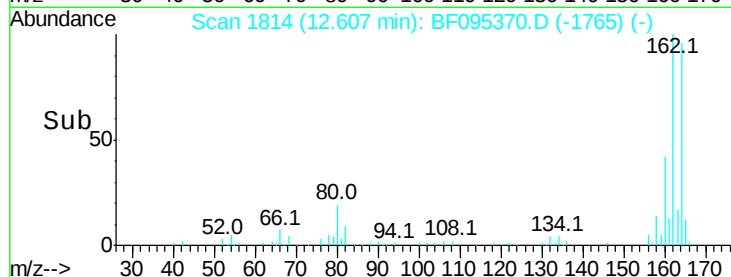
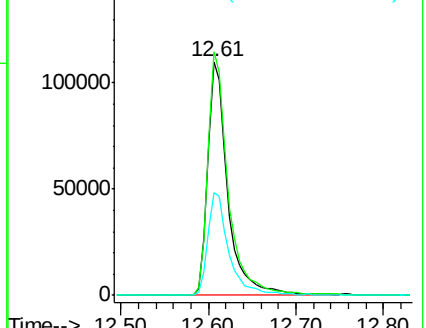
160 44.1 36.2 54.2



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: 113.35 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095370.D

Acq: 24 May 2017 3:46

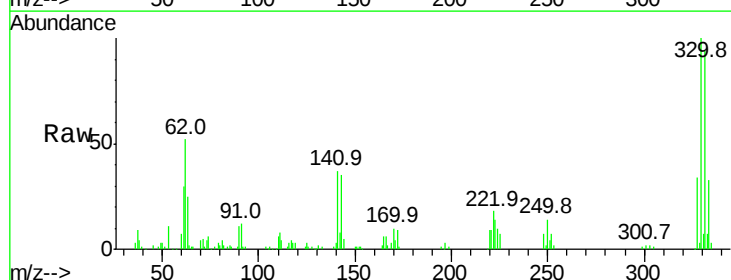
Tgt Ion:330 Resp: 164093

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

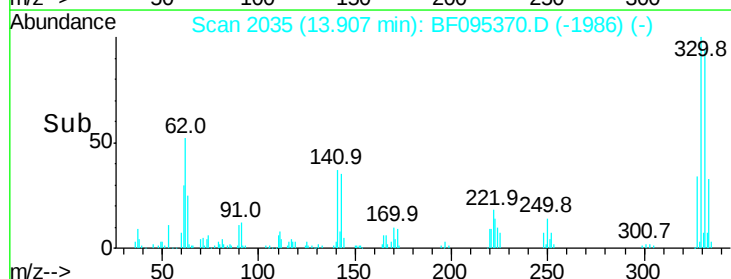
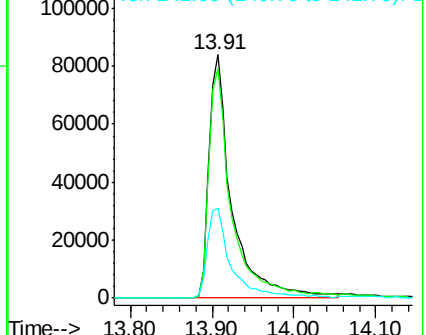
141 38.7 31.4 47.2



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

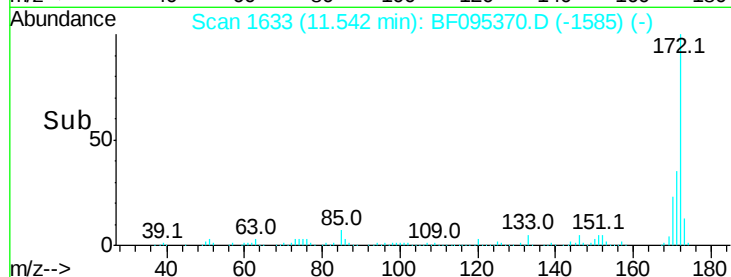
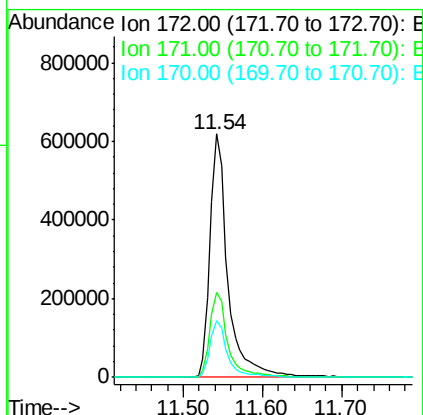
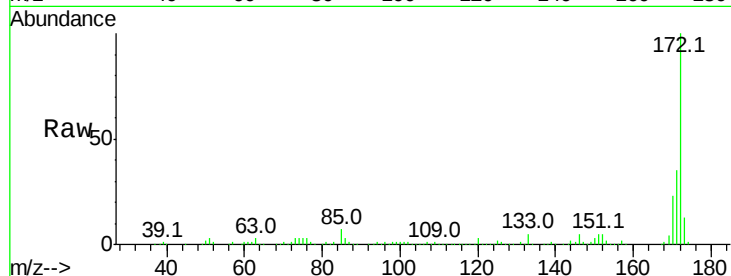




#44
 2-Fluorobiphenyl
 Concen: 79.50 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

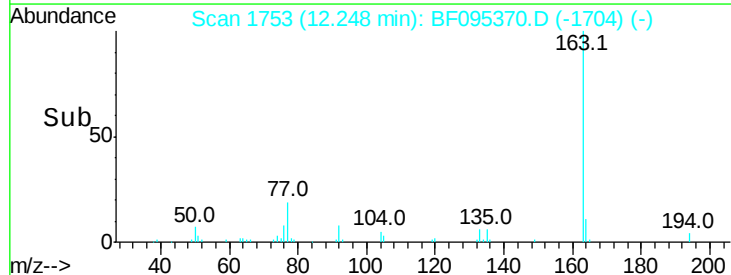
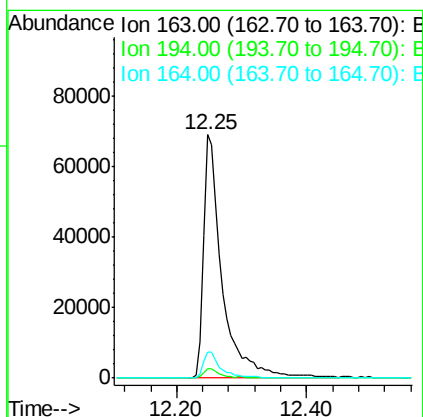
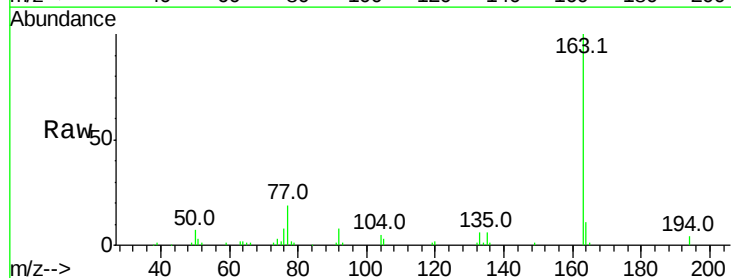
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 976338
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.6 44.4
 170 23.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.42 ng
 RT: 12.25 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

Tgt Ion:163 Resp: 136695
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.8 8.4 12.6

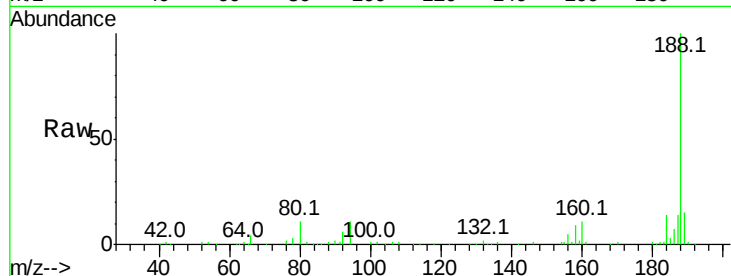




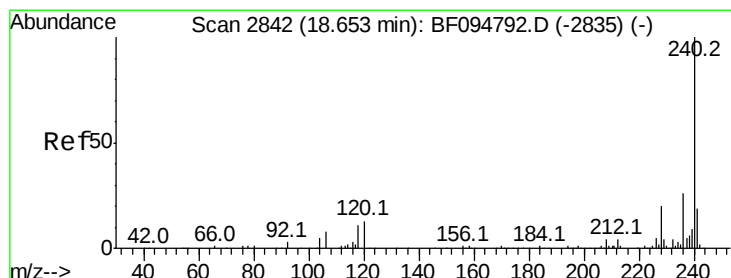
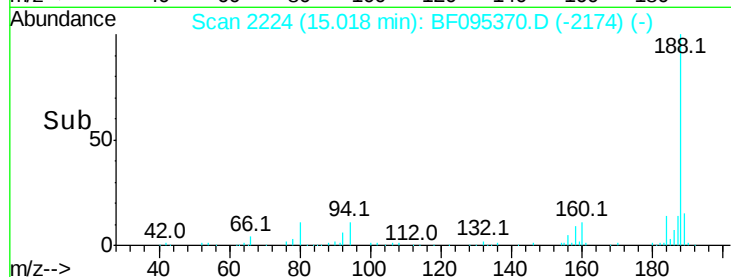
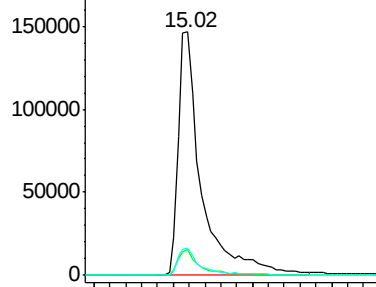
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.2	10.2	15.2

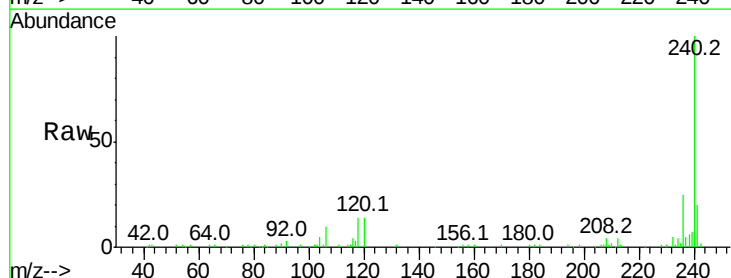


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

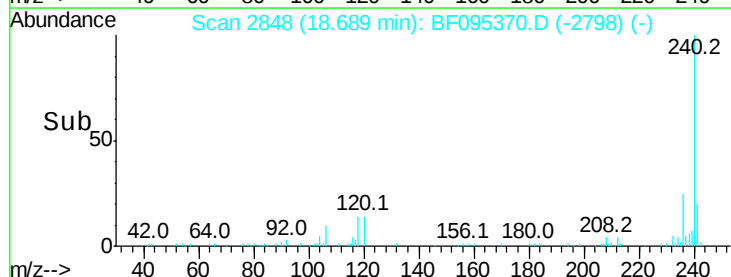
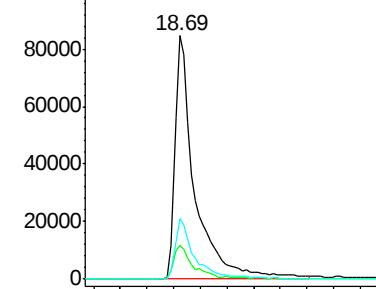


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.0	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

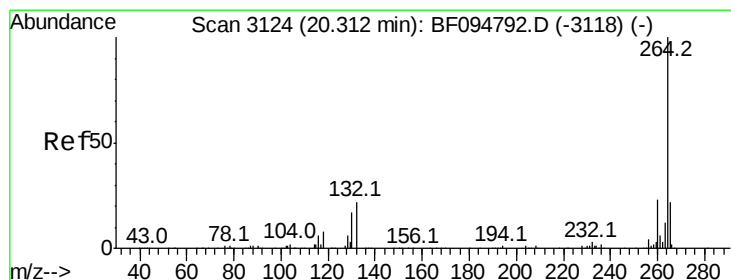
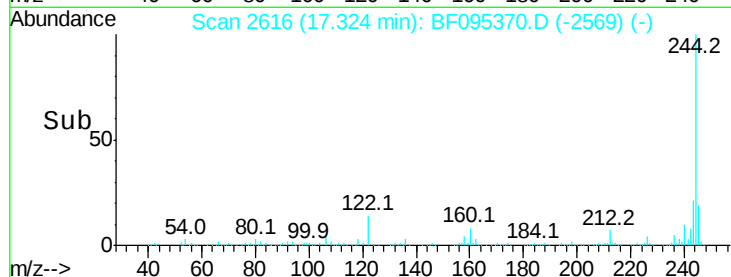
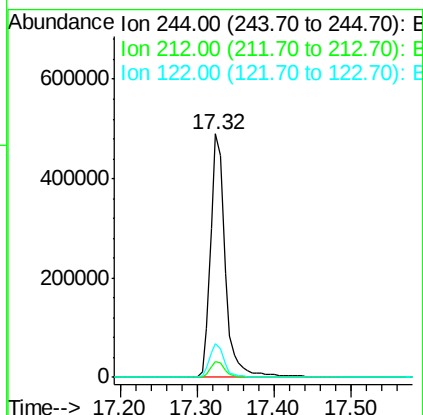
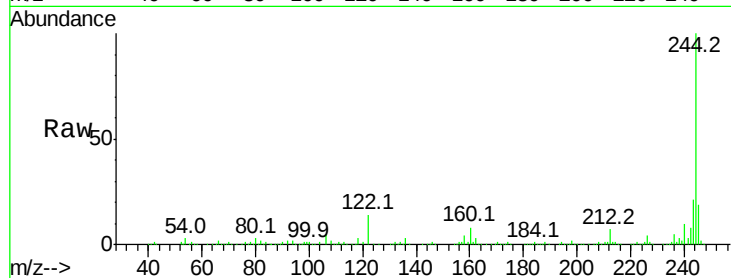




#78
 Terphenyl-d14
 Concen: 81.29 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 643192
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095370.D
 Acq: 24 May 2017 3:46

Tgt Ion:264 Resp: 174280
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.6 17.2 25.8

