

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095380.D
 Acq On : 24 May 2017 9:06
 Operator : SJ/MA
 Sample : I3269-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 11:48:02 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

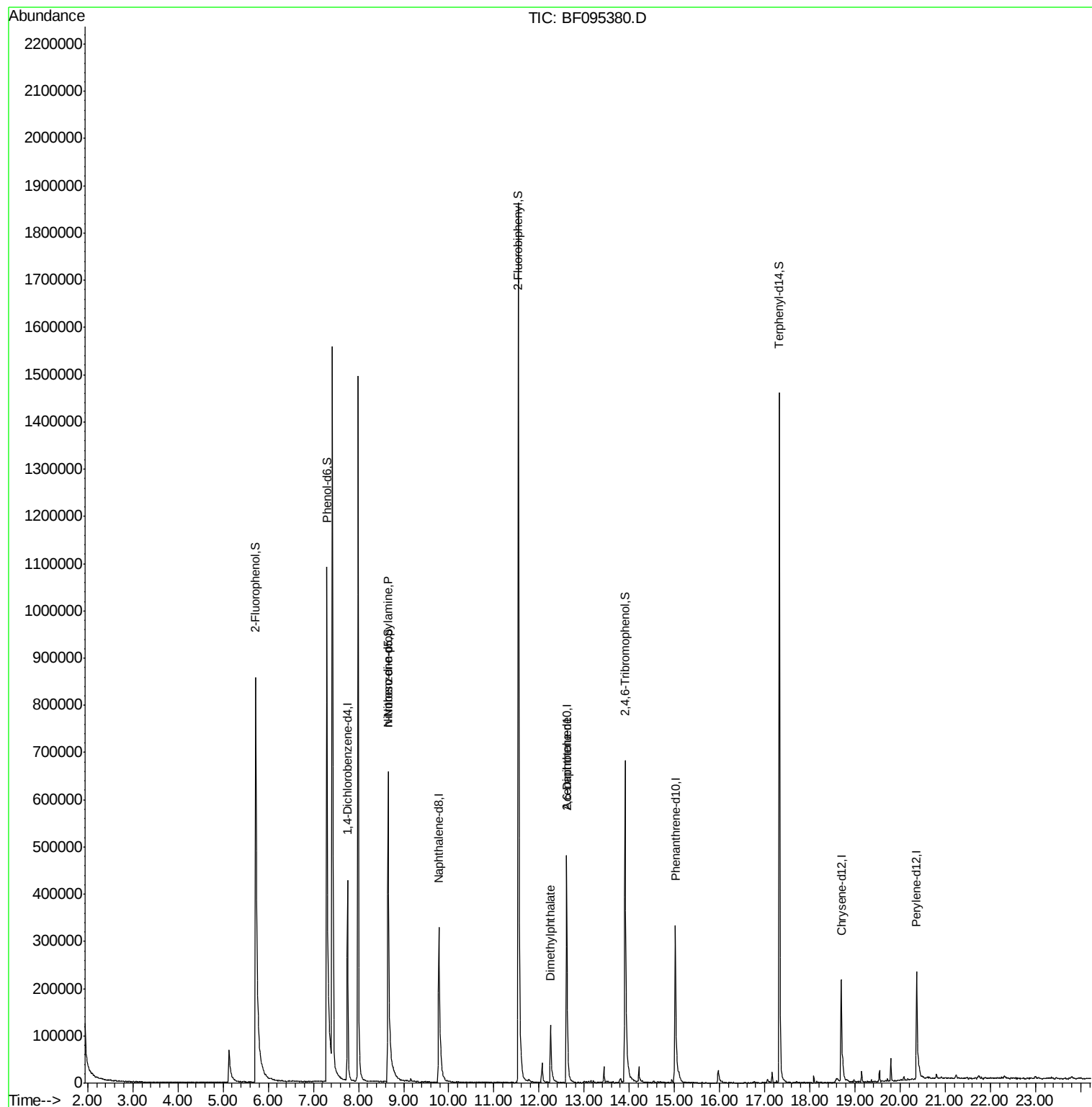
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	100050	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	411381	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	187203	20.00	ng	-0.01
63) Phenanthrene-d10	15.02	188	290519	20.00	ng	0.00
75) Chrysene-d12	18.69	240	173366	20.00	ng	0.00
86) Perylene-d12	20.37	264	173659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	715113	119.16	ng	-0.02
7) Phenol-d6	7.30	99	863589	119.94	ng	-0.02
23) Nitrobenzene-d5	8.65	82	504440	77.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	171830	112.08	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1083050	83.27	ng	-0.02
78) Terphenyl-d14	17.33	244	661156	84.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	57873	11.88	ng	# 78
49) Dimethylphthalate	12.25	163	122751	7.99	ng	98
50) 2,6-Dinitrotoluene	12.61	165	19262	6.14	ng	# 31

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

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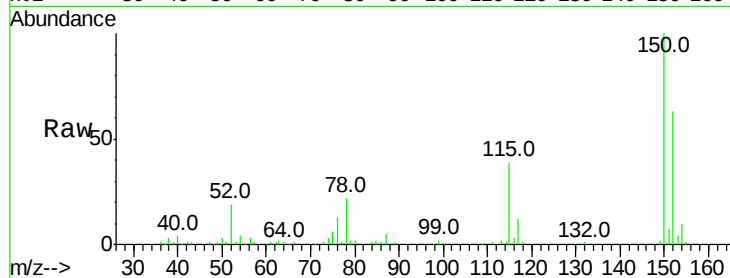


#1

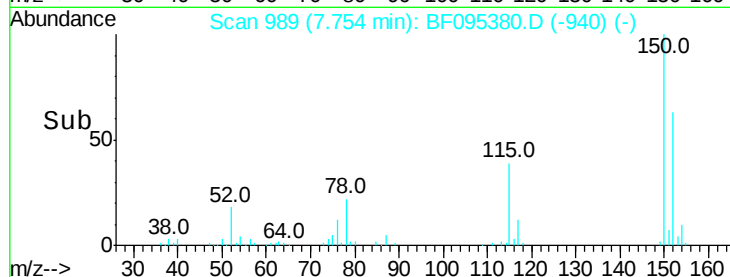
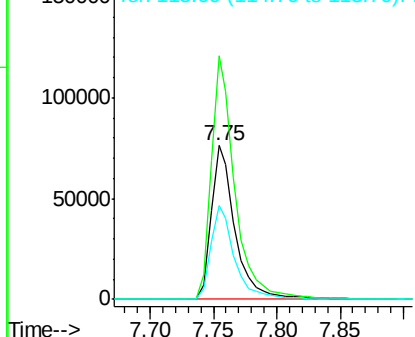
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095380.D
Acq: 24 May 2017 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100050
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.0 52.2 78.2



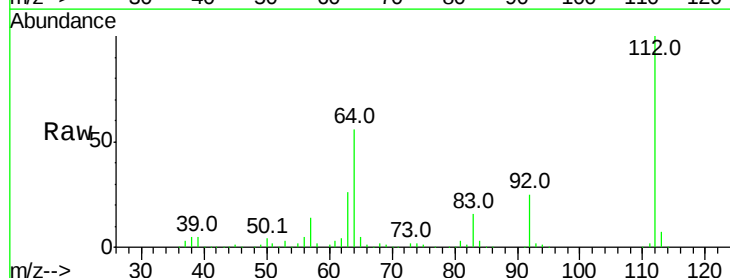
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



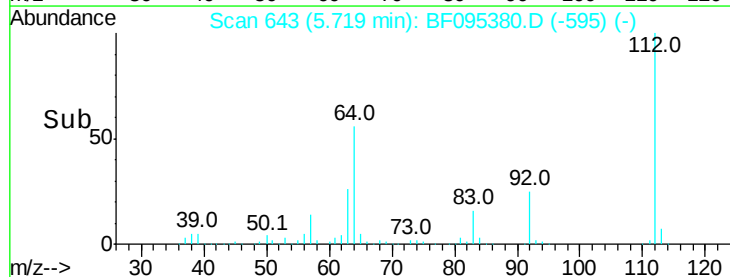
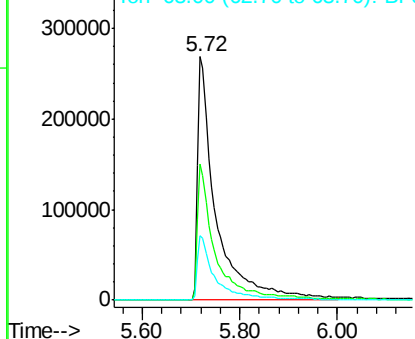
#5

2-Fluorophenol
Concen: 119.16 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095380.D
Acq: 24 May 2017 9:06

Tgt Ion:112 Resp: 715113
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 26.3 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: 119.94 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA_F

ClientSampleId :

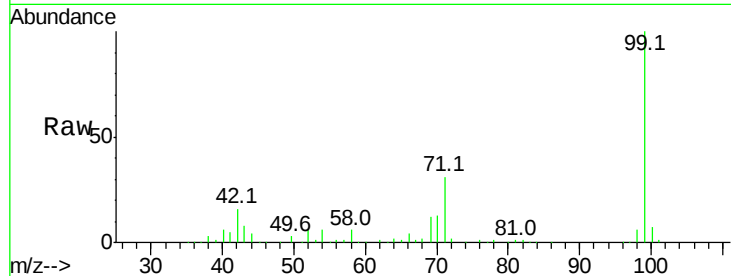
Tot Ion: 99 Resp: 863589

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.4 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

500000

400000

300000

200000

100000

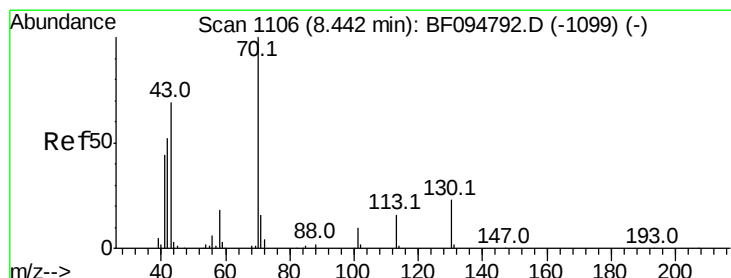
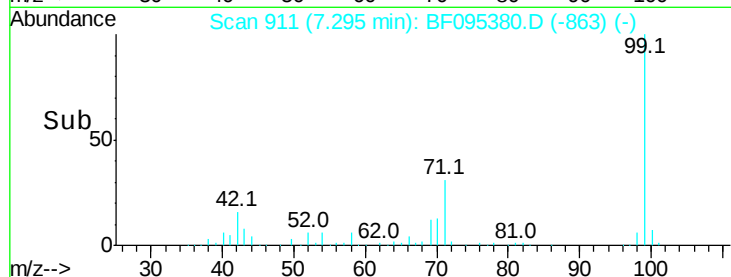
0

7.20

7.40

7.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.88 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Tgt Ion: 70 Resp: 57873

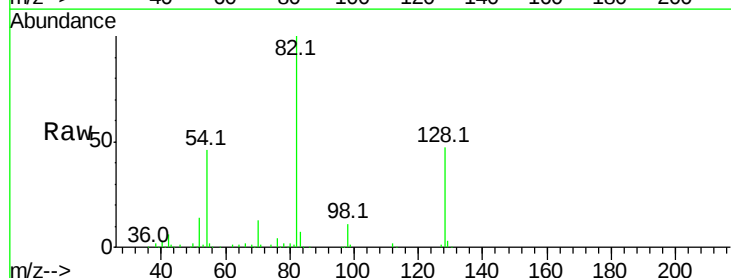
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 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

40000

30000

20000

10000

0

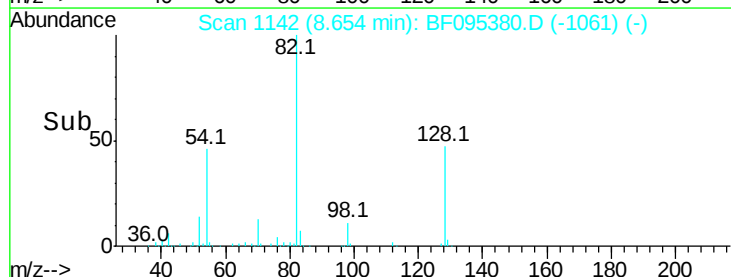
8.60

8.65

8.70

8.75

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411381

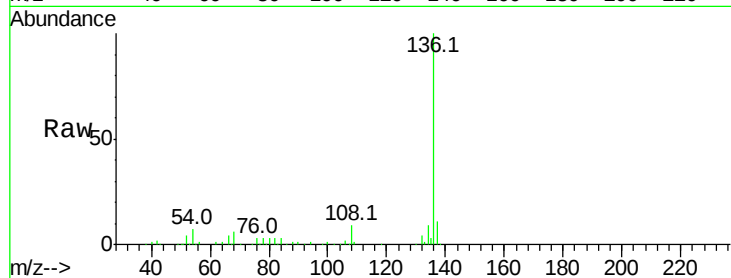
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

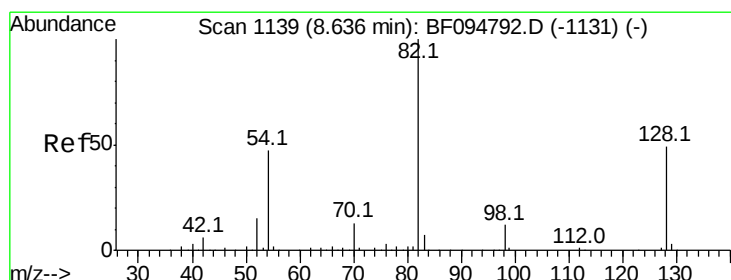
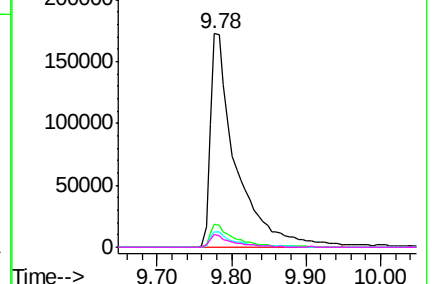
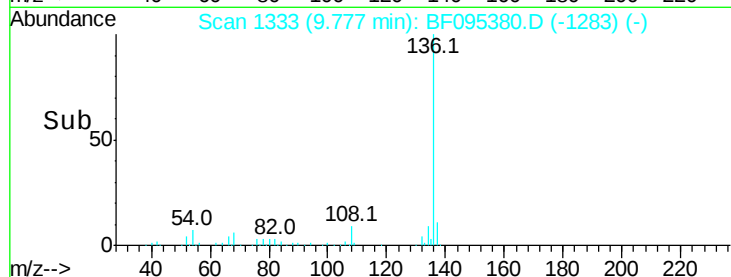


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.32 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

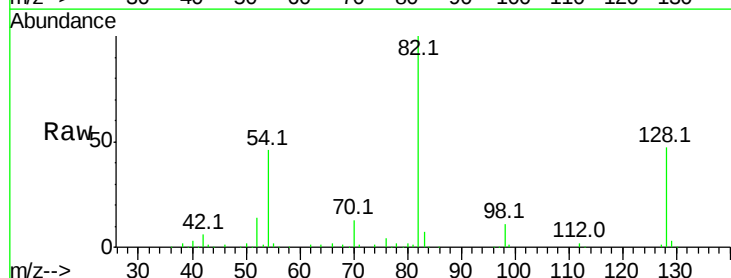
Tgt Ion: 82 Resp: 504440

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

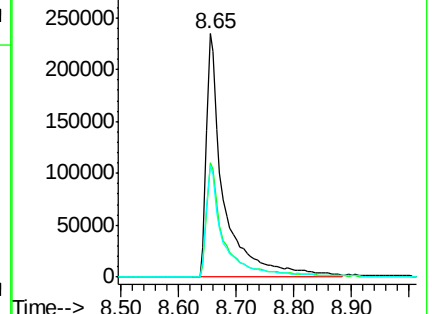
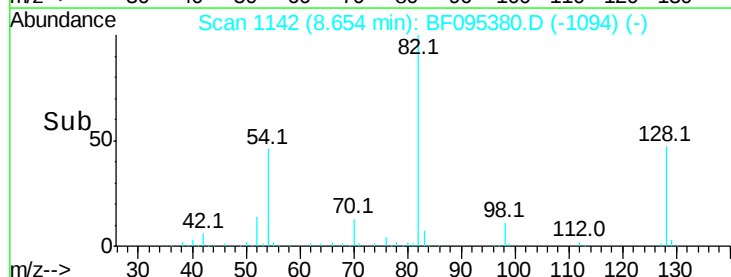
54 46.0 42.2 63.2



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: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA_F

ClientSampleId :

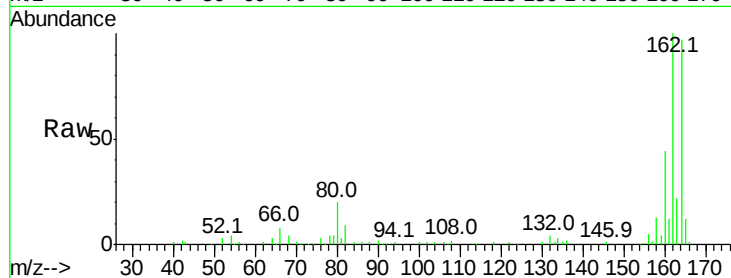
Tot Ion:164 Resp: 187203

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

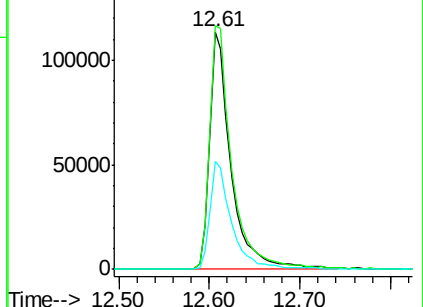
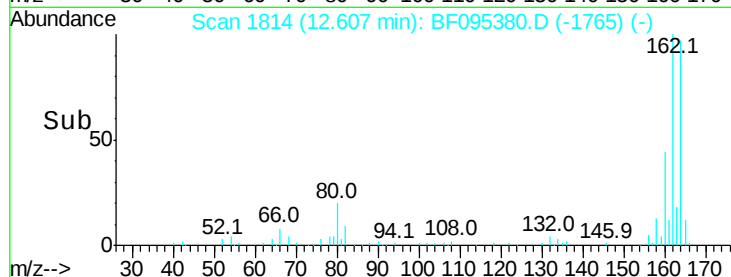
160 45.3 36.2 54.2



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: 112.08 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

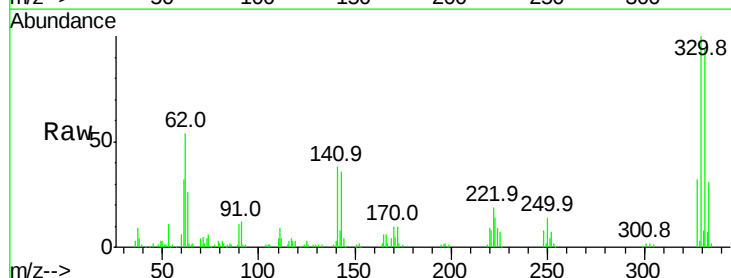
Tgt Ion:330 Resp: 171830

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

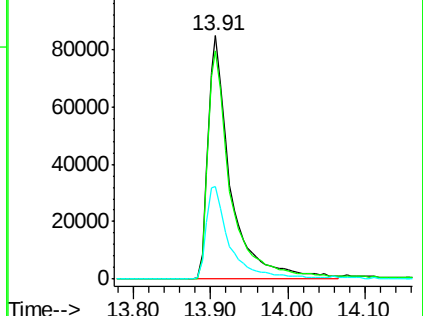
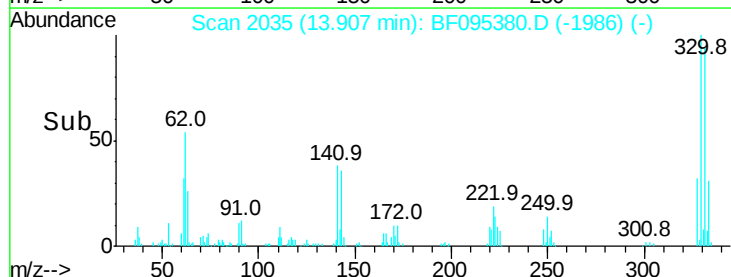
141 39.3 31.4 47.2

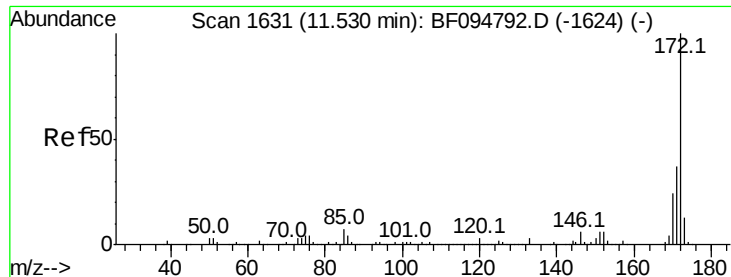


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

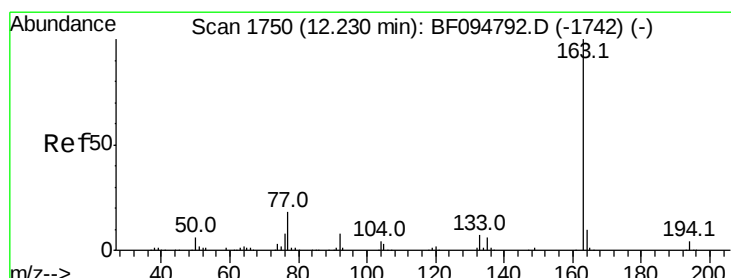
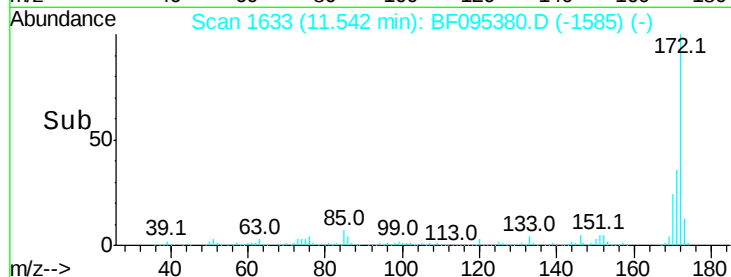
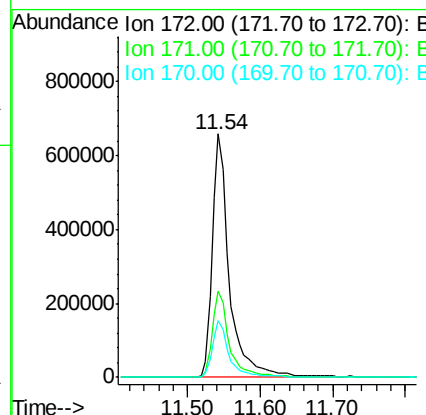
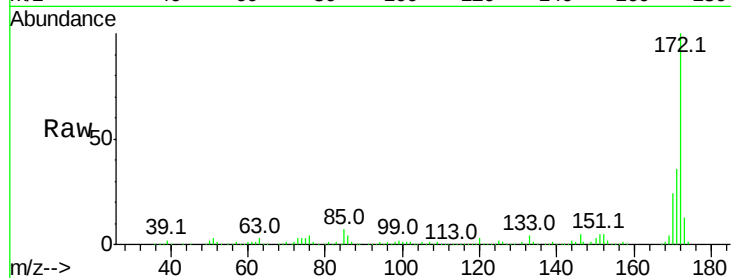




#44
2-Fluorobiphenyl
Concen: 83.27 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095380.D
Acq: 24 May 2017 9:06

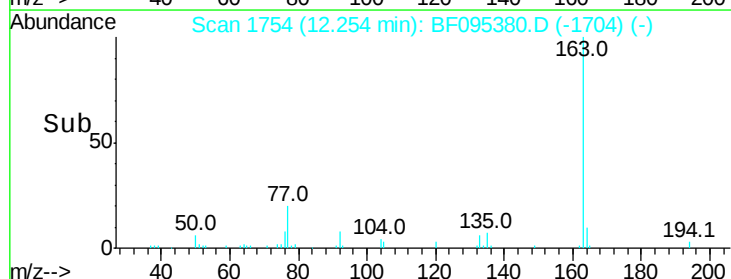
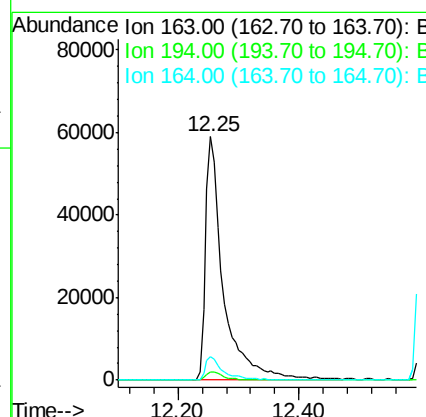
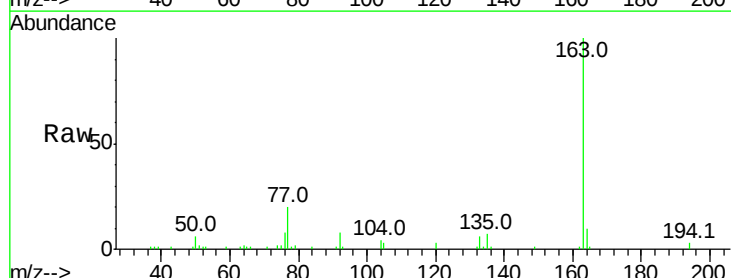
Instrument :
BNA_F
ClientSampleId :

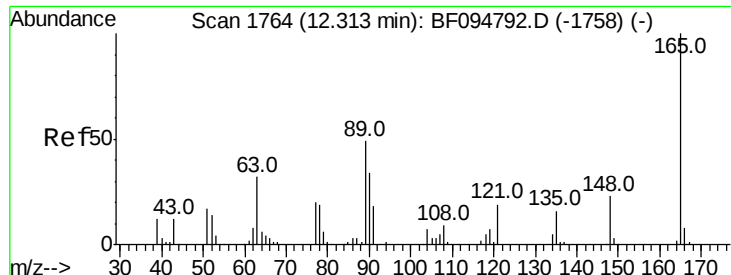
Tot Ion:172 Resp: 1083050
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 7.99 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095380.D
Acq: 24 May 2017 9:06

Tgt Ion:163 Resp: 122751
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

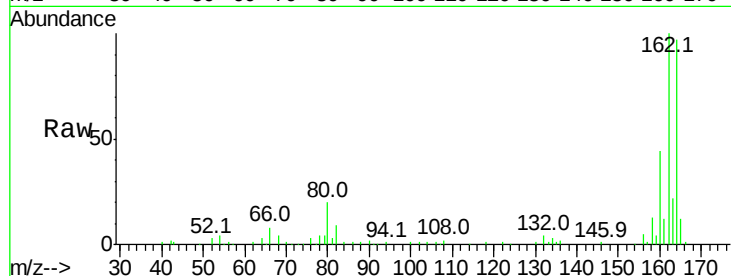




#50
 2,6-Dinitrotoluene
 Concen: 6.14 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF095380.D
 Acq: 24 May 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

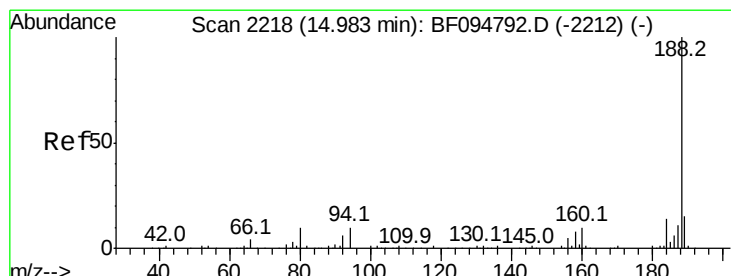
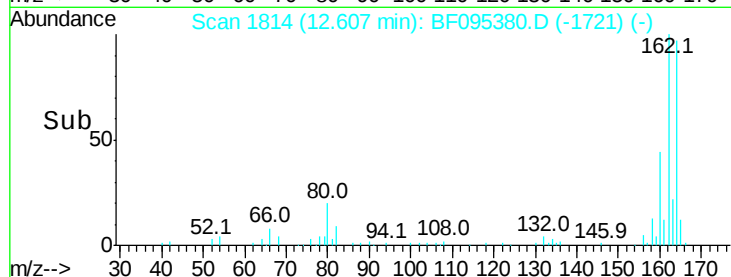
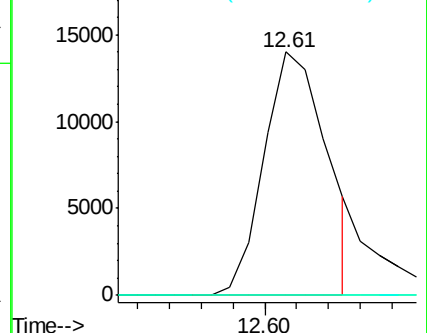
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

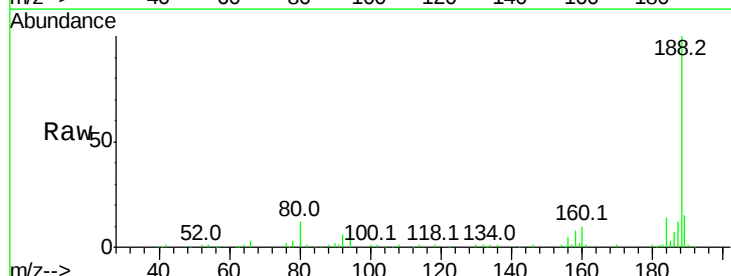
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095380.D
 Acq: 24 May 2017 9:06

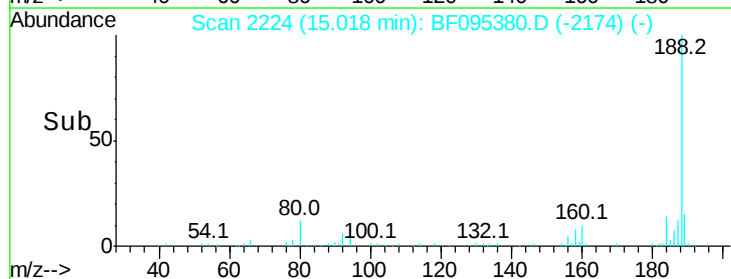
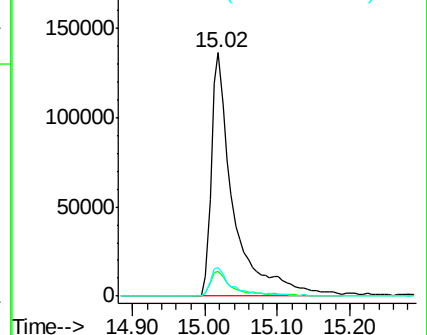
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.5	10.2	15.2



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# 2849

Delta R.T. 0.00 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA_F

ClientSampled :

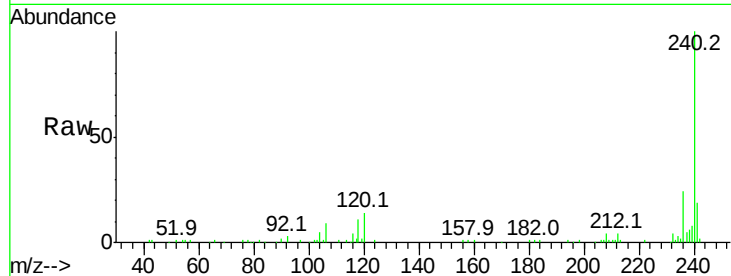
Tot Ion:240 Resp: 173366

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

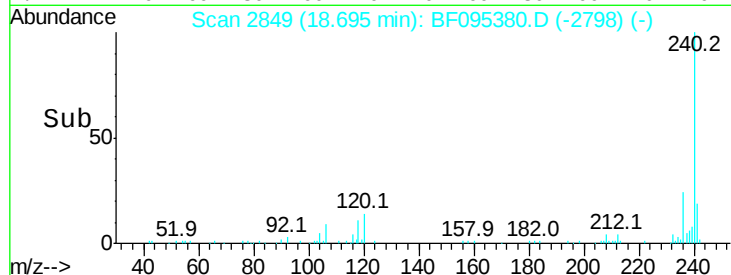
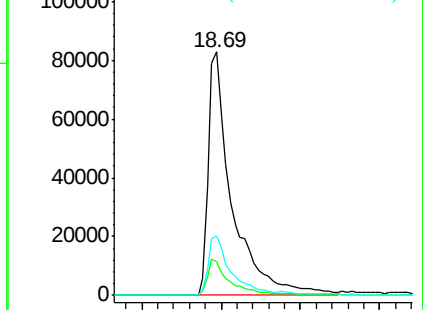
236 24.5 20.5 30.7



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: 84.00 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

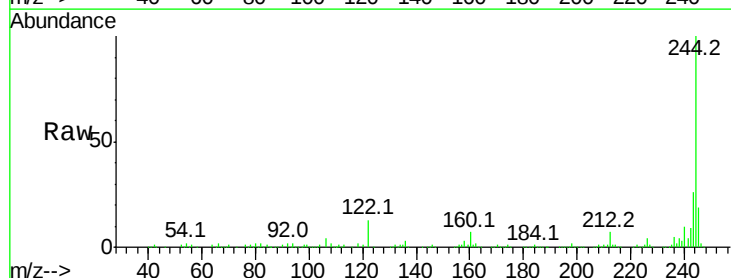
Tgt Ion:244 Resp: 661156

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

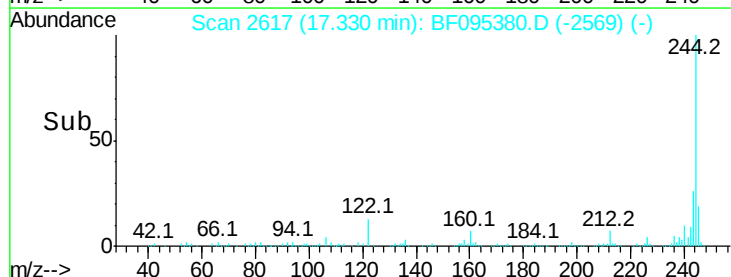
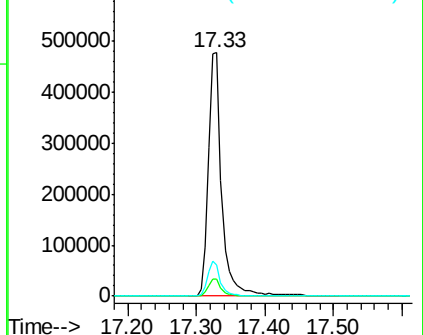
122 12.6 10.3 15.5



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: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095380.D
Acq: 24 May 2017 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	19.9	17.2	25.8

