

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095367.D
 Acq On : 24 May 2017 00:14
 Operator : SJ/MA
 Sample : I3249-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:32:39 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

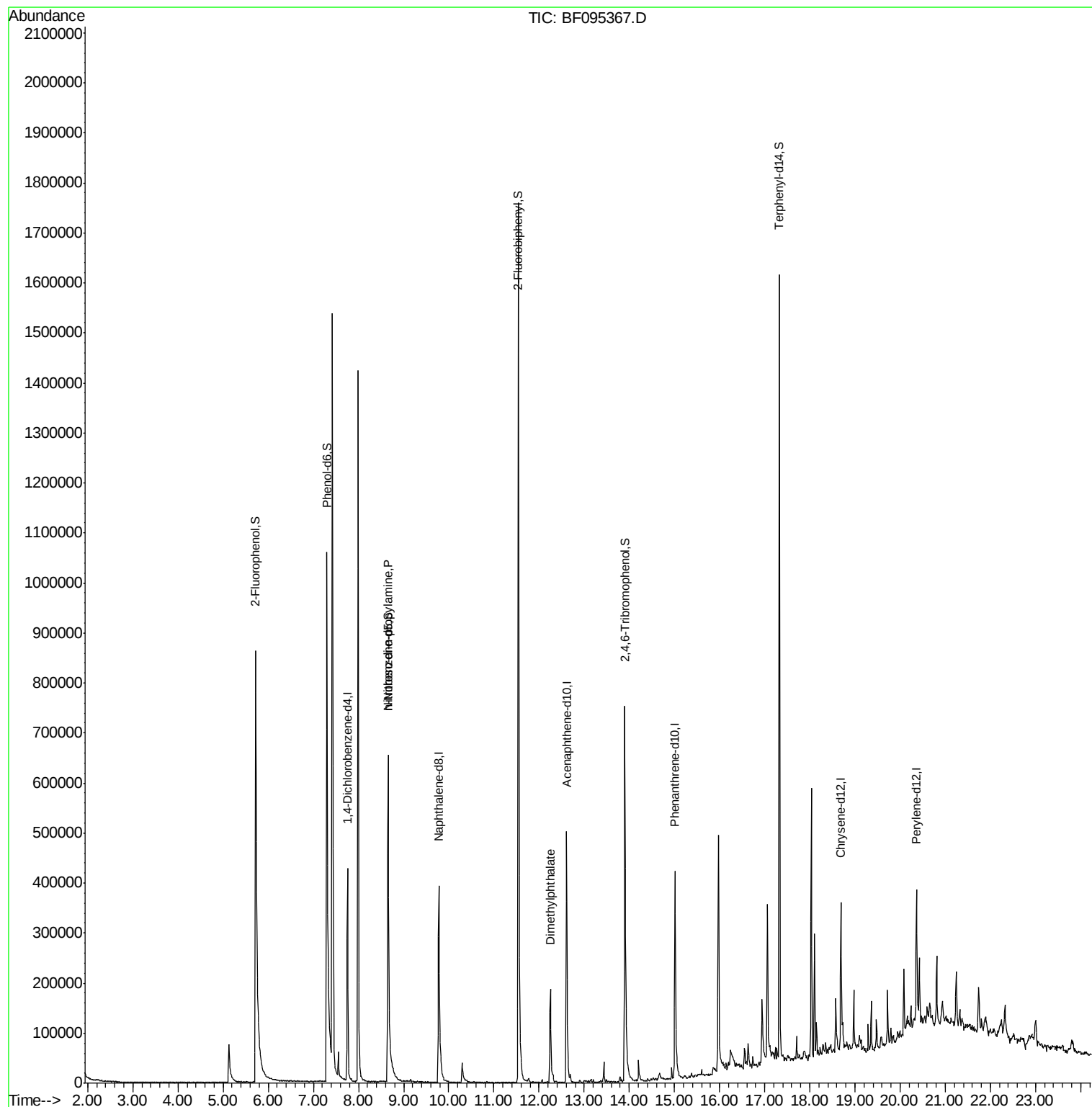
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	94851	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	406293	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	178359	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	297148	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	169926	20.00	ng	0.00
86) Perylene-d12	20.37	264	166583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	687353	120.82	ng	-0.02
7) Phenol-d6	7.30	99	857586	125.63	ng	-0.02
23) Nitrobenzene-d5	8.65	82	472750	73.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	163042	111.62	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	973363	78.55	ng	-0.02
78) Terphenyl-d14	17.32	244	609729	79.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	51909	11.24	ng	Qvalue # 76
49) Dimethylphthalate	12.25	163	160867	10.99	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: BF095367.D

Acq: 24 May 2017 00:14

Instrument :

BNA_F

ClientSampleId :

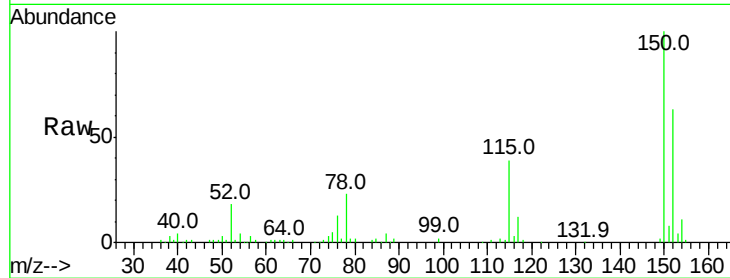
Tot Ion:152 Resp: 94851

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

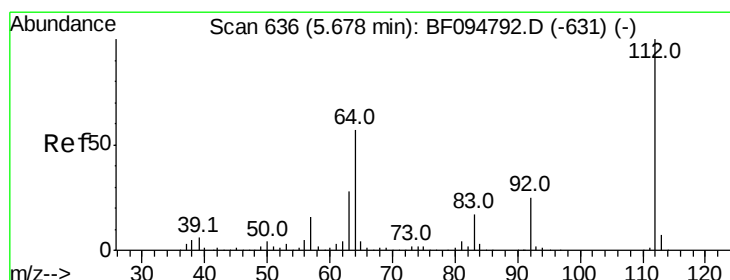
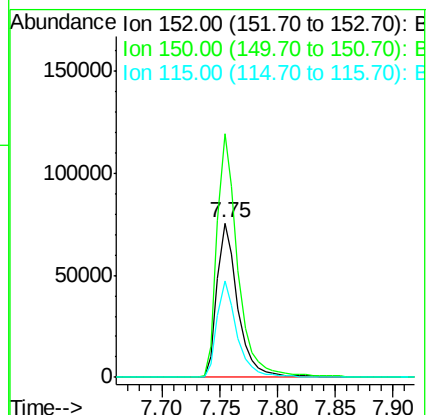
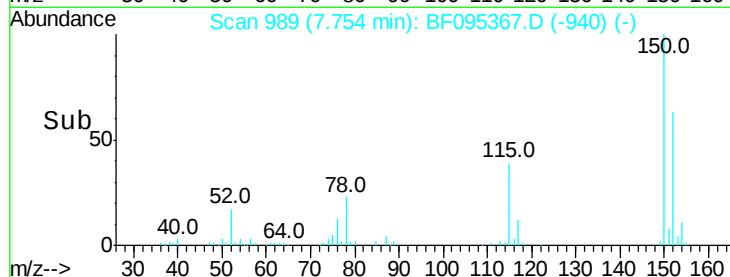
115 62.1 52.2 78.2



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: 120.82 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

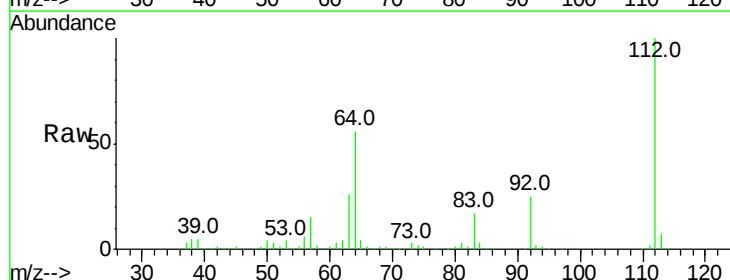
Tgt Ion:112 Resp: 687353

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

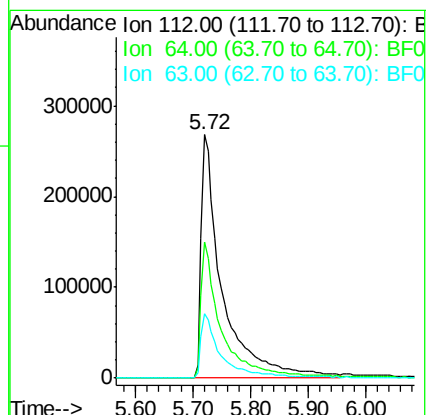
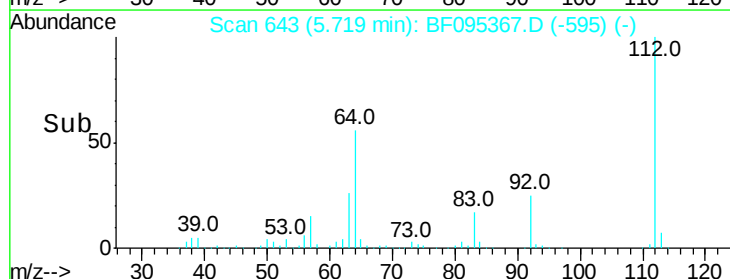
63 26.2 23.4 35.0



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: 125.63 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

Instrument :

BNA_F

ClientSampleId :

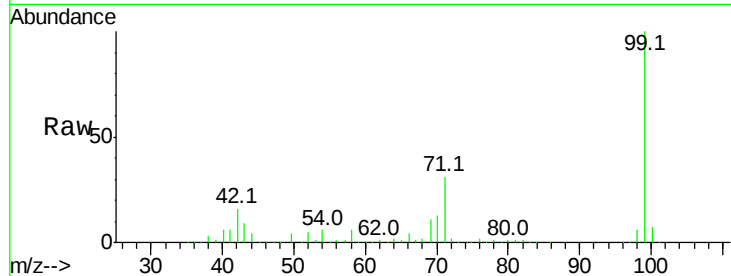
Tot Ion: 99 Resp: 857586

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

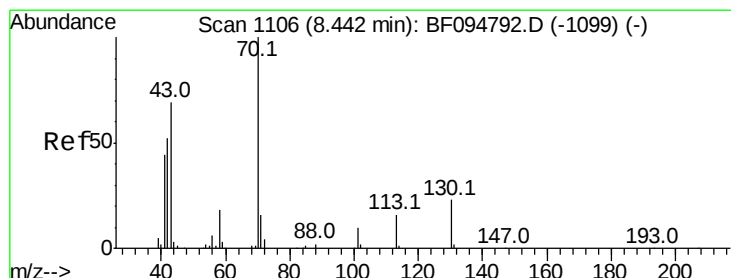
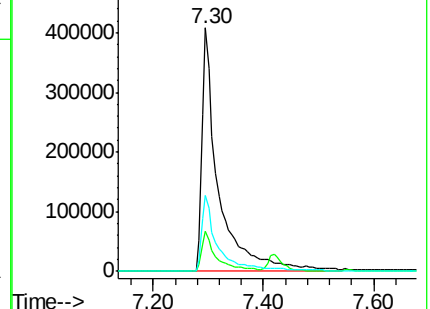
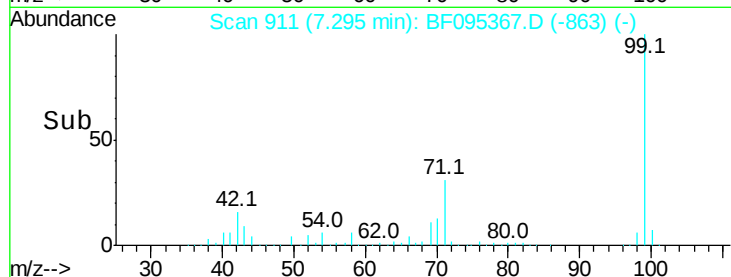
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.24 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

Tgt Ion: 70 Resp: 51909

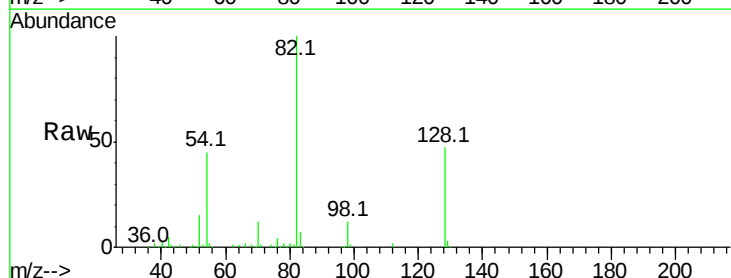
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

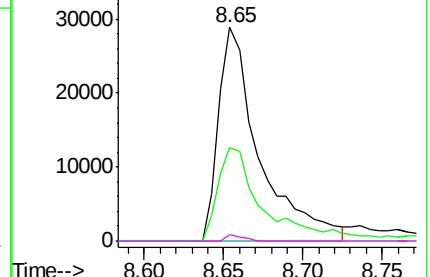
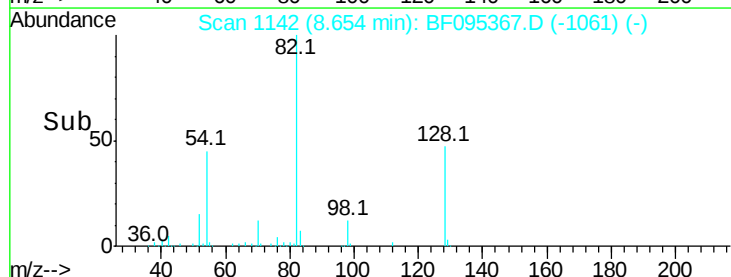


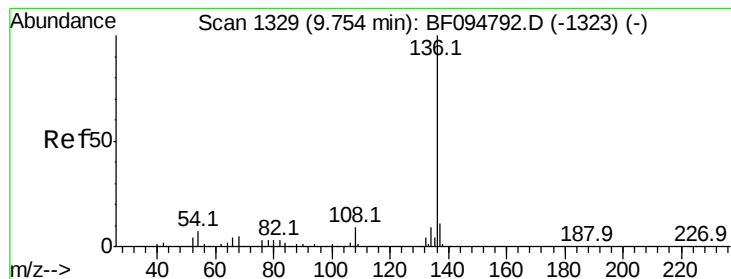
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 406293

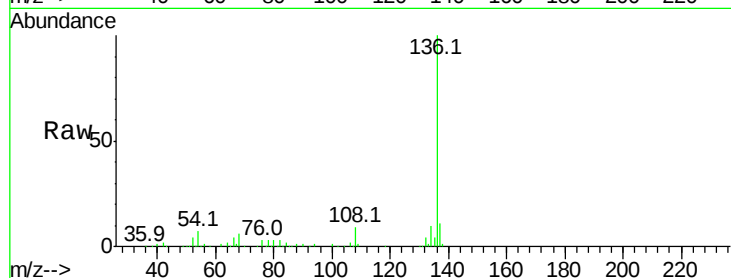
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

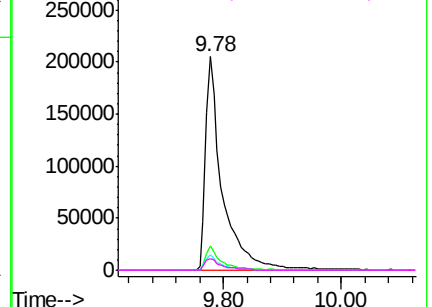
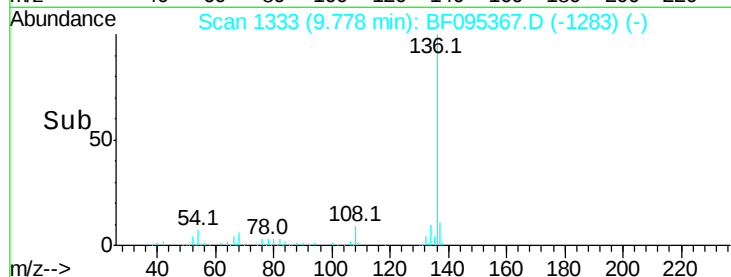


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.37 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

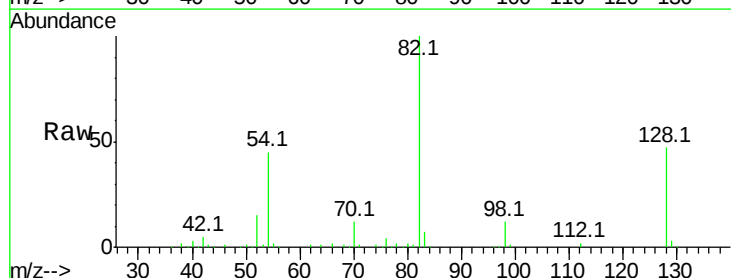
Tgt Ion: 82 Resp: 472750

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

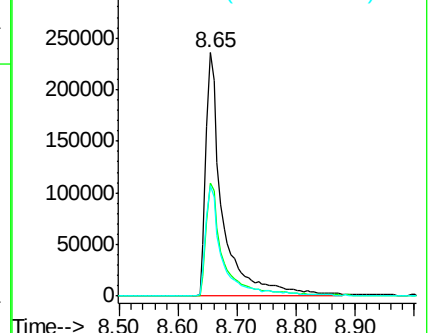
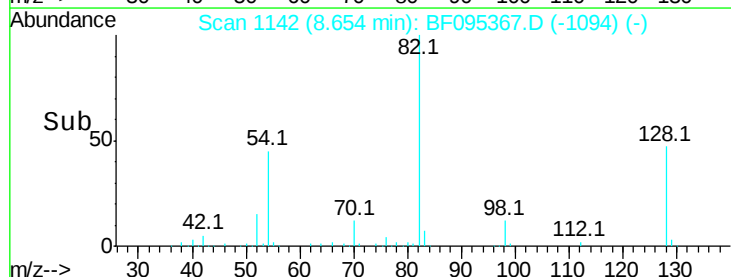
54 45.3 42.2 63.2



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: BF095367.D

Acq: 24 May 2017 00:14

Instrument :

BNA_F

ClientSampleId :

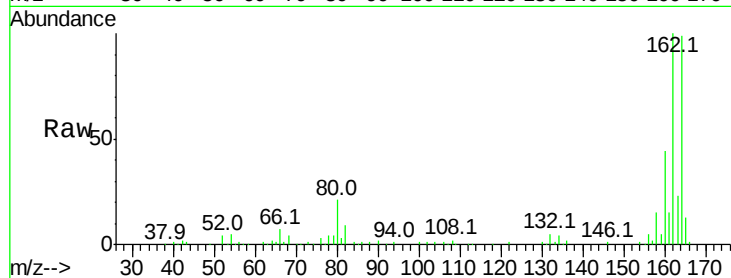
Tot Ion:164 Resp: 178359

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

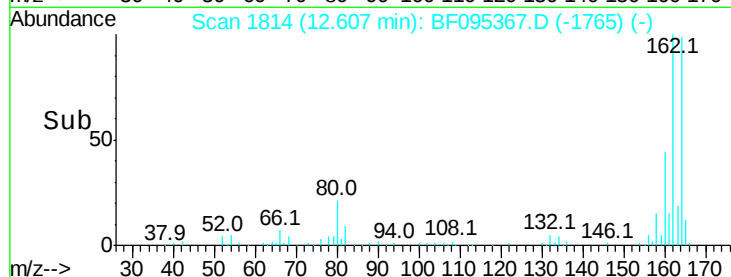
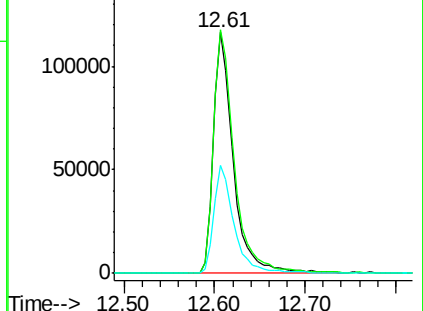
160 44.7 36.2 54.2



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: 111.62 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

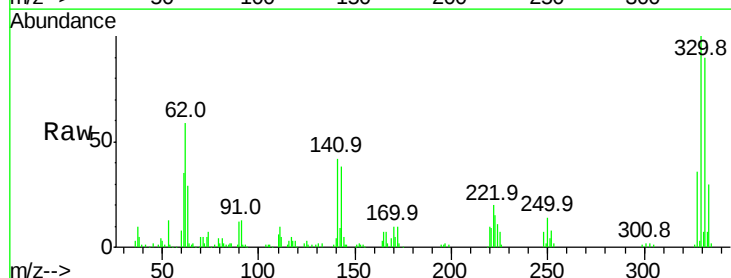
Tgt Ion:330 Resp: 163042

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

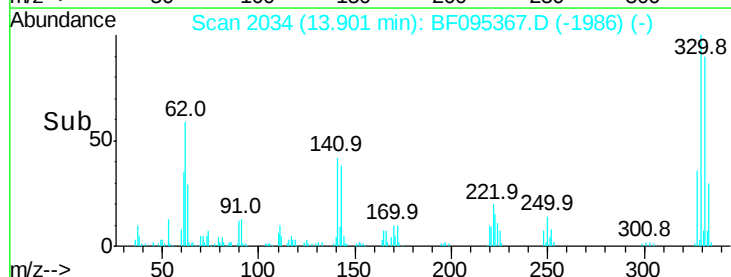
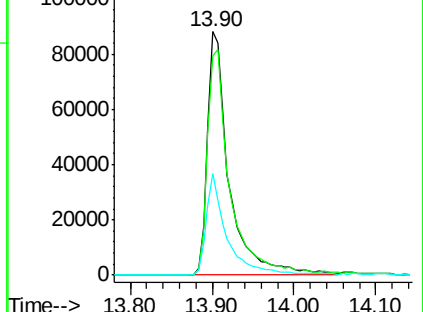
141 39.7 31.4 47.2



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

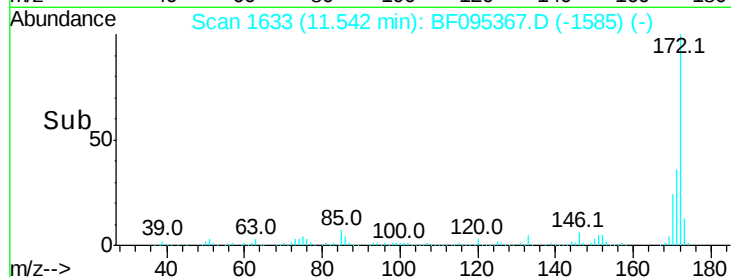
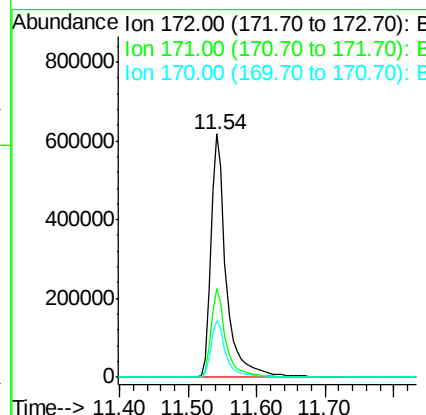
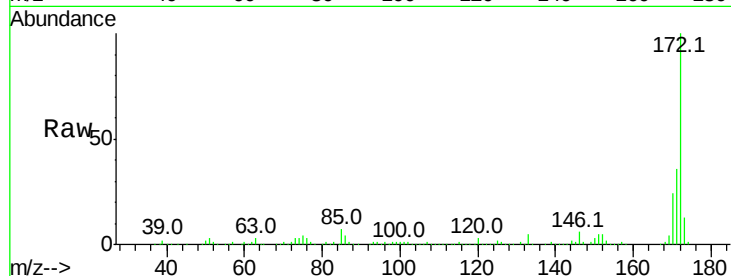




#44
2-Fluorobiphenyl
Concen: 78.55 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095367.D
Acq: 24 May 2017 00:14

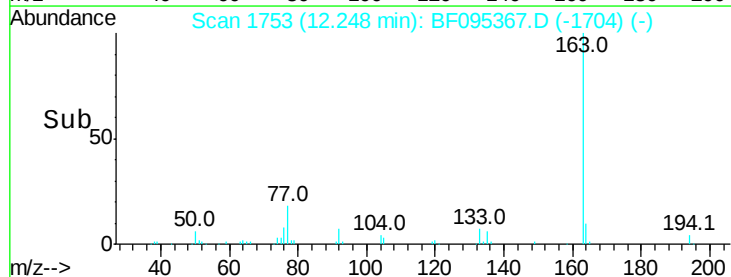
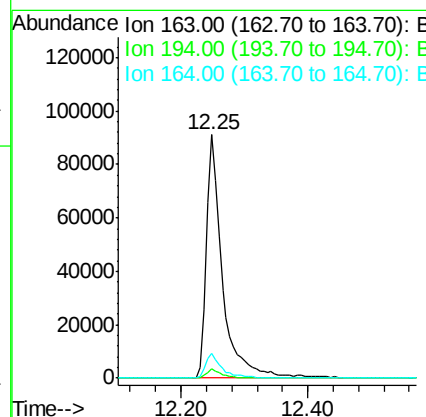
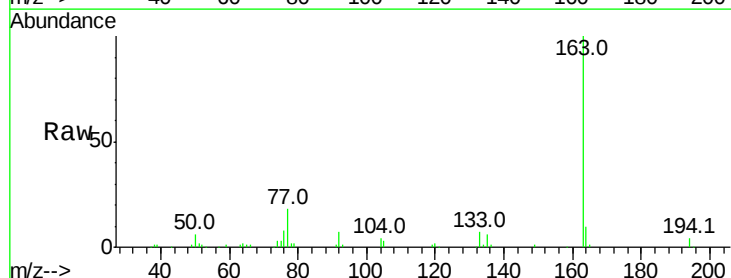
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 973363
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 10.99 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095367.D
Acq: 24 May 2017 00:14

Tgt Ion:163 Resp: 160867
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.4 8.4 12.6

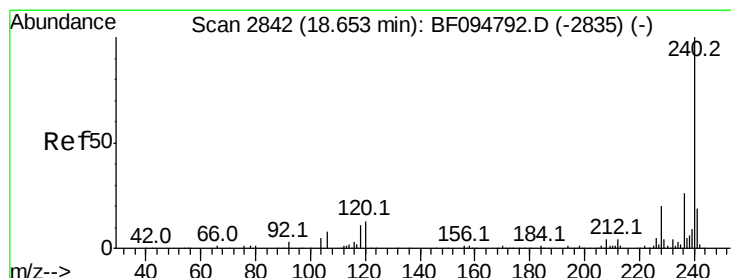
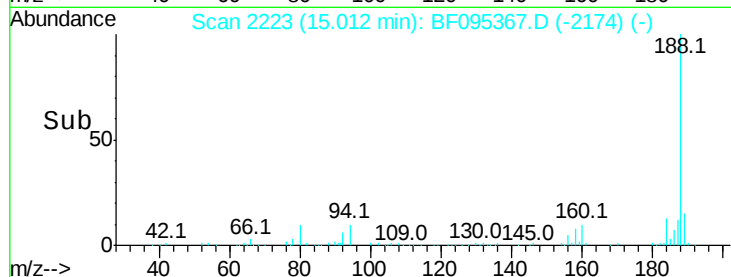
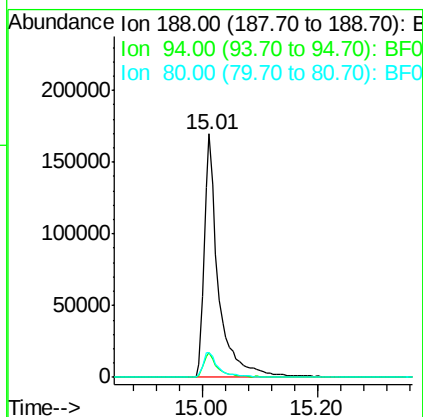
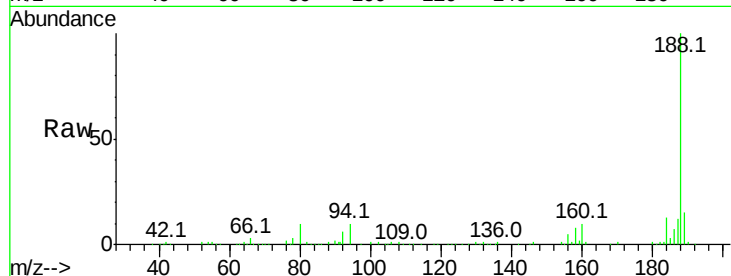




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095367.D
 Acq: 24 May 2017 00:14

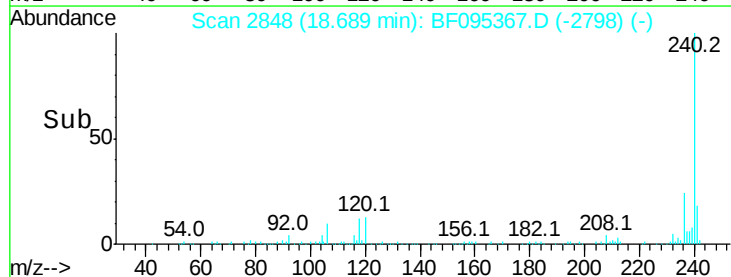
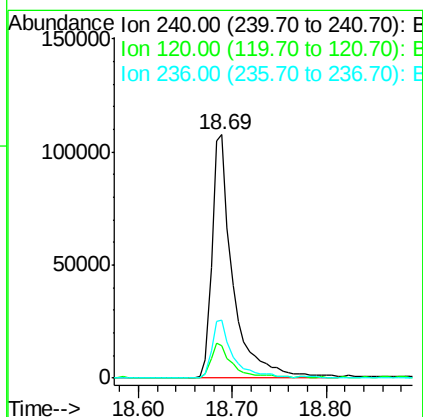
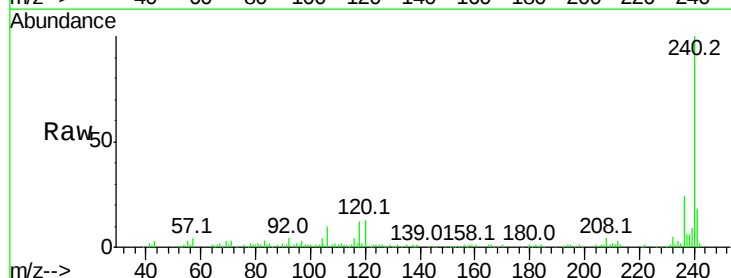
Instrument :
 BNA_F
 ClientSampleId :

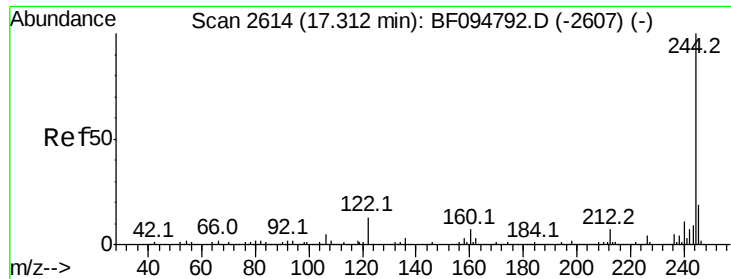
Tot Ion:188 Resp: 297148
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095367.D
 Acq: 24 May 2017 00:14

Tgt Ion:240 Resp: 169926
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 23.6 20.5 30.7





#78

Terphenyl-d14

Concen: 79.03 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

Instrument :

BNA_F

ClientSampleId :

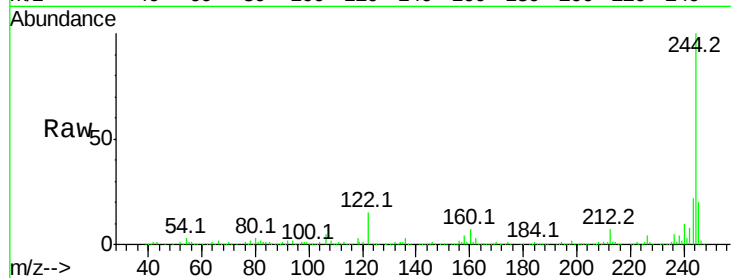
Tot Ion:244 Resp: 609729

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

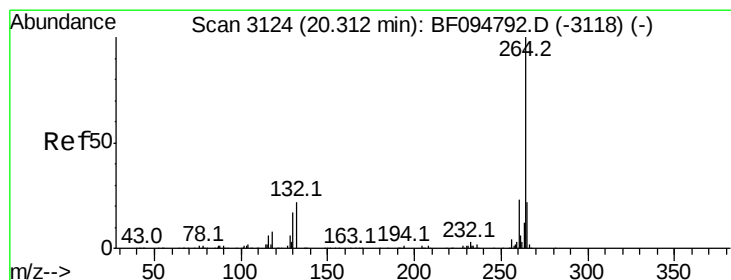
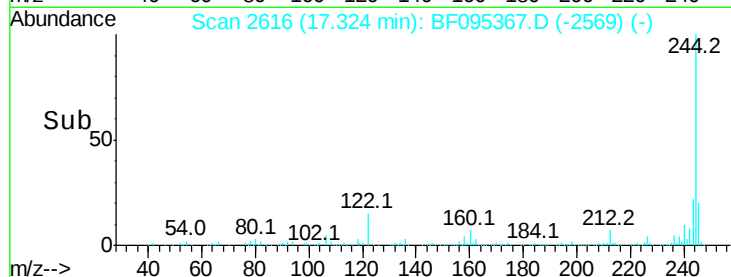
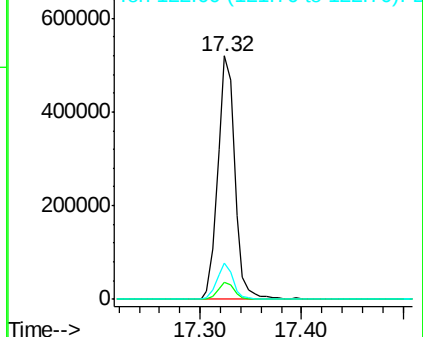
122 14.7 10.3 15.5



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: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095367.D

Acq: 24 May 2017 00:14

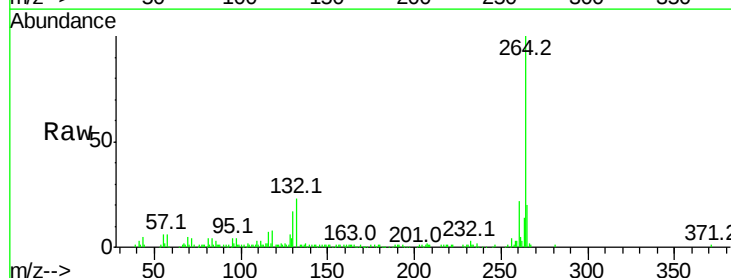
Tgt Ion:264 Resp: 166583

Ion Ratio Lower Upper

264 100

260 22.4 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

