

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094998.D
 Acq On : 9 May 2017 00:54
 Operator : SJ/MA
 Sample : I3024-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:52:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

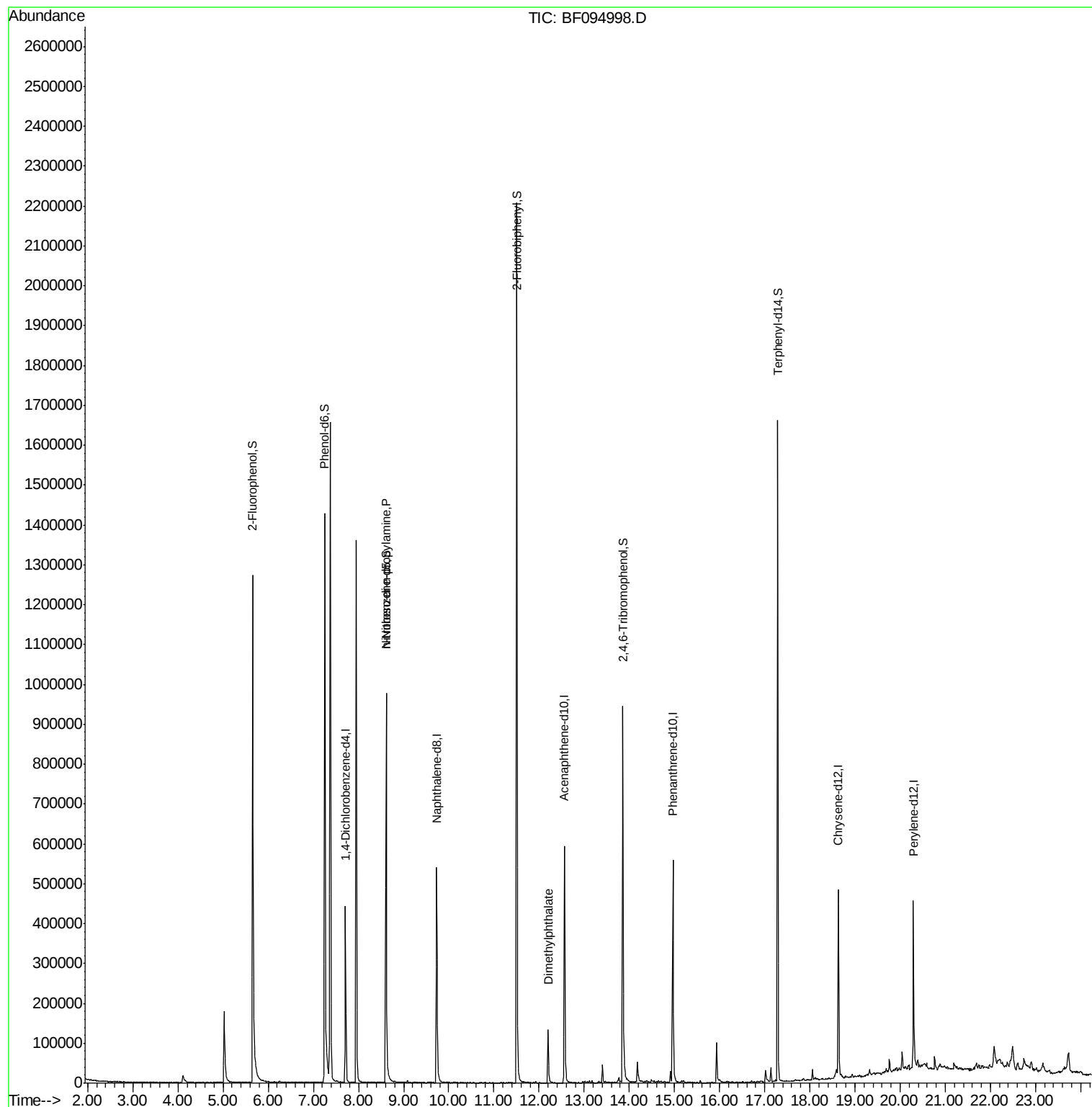
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94030	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	402053	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	189642	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	314628	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	222246	20.00	ng	-0.02
86) Perylene-d12	20.29	264	187984	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	629982	111.70	ng	-0.02
7) Phenol-d6	7.25	99	799882	118.20	ng	-0.02
23) Nitrobenzene-d5	8.61	82	466085	73.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	170492	109.77	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	970368	73.65	ng	-0.02
78) Terphenyl-d14	17.29	244	609310	60.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	59318	12.96	ng	Qvalue # 76
49) Dimethylphthalate	12.20	163	90046	5.78	ng	100

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

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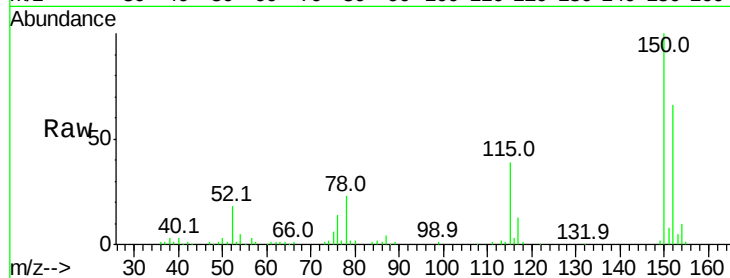


#1

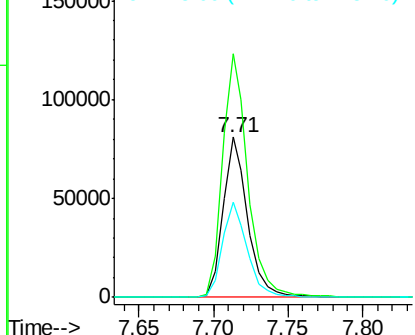
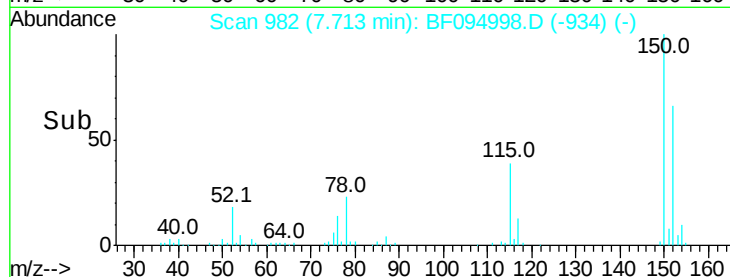
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094998.D
Acq: 9 May 2017 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94030
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 59.0 52.2 78.2



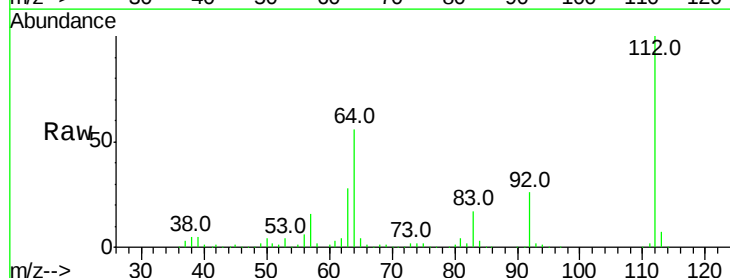
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



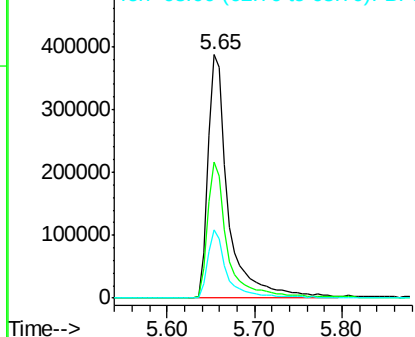
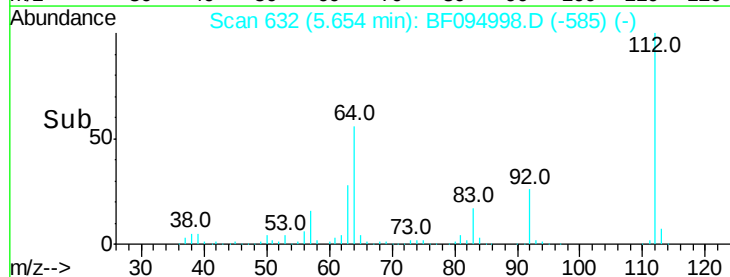
#5

2-Fluorophenol
Concen: 111.70 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF094998.D
Acq: 9 May 2017 00:54

Tgt Ion:112 Resp: 629982
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 28.2 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: 118.20 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

Instrument :

BNA_F

ClientSampleId :

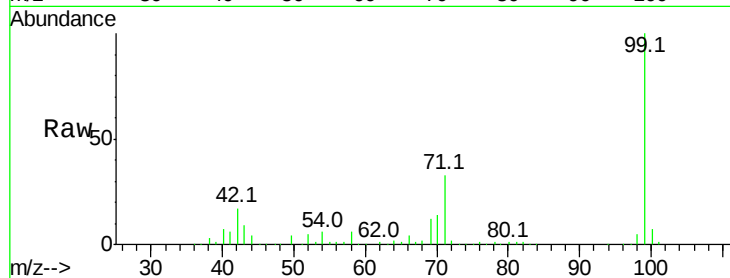
Tot Ion: 99 Resp: 799882

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

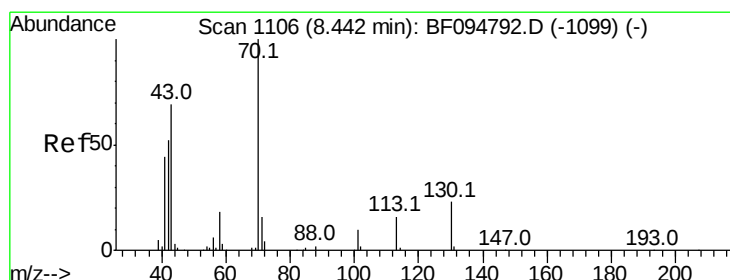
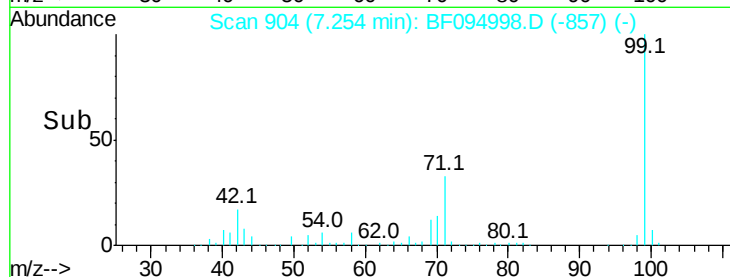
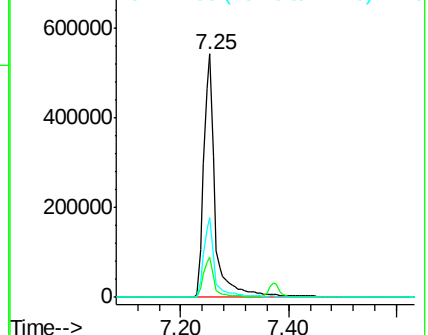
71 32.8 24.5 36.7



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: 12.96 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

Tgt Ion: 70 Resp: 59318

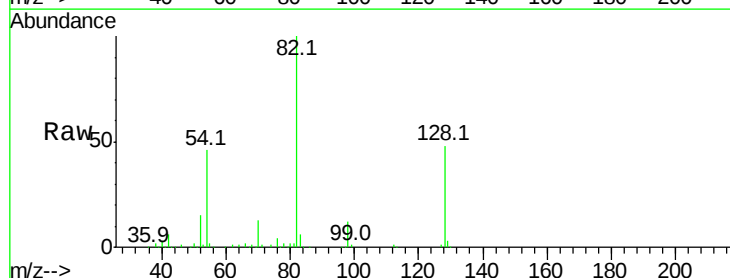
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

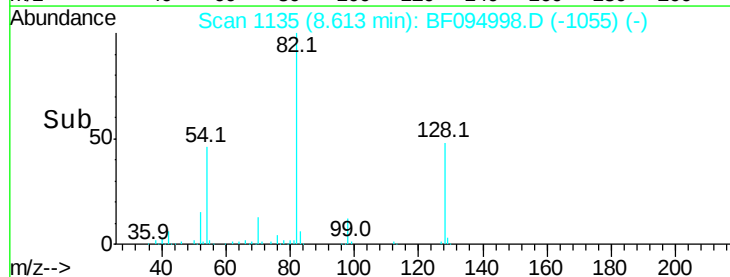
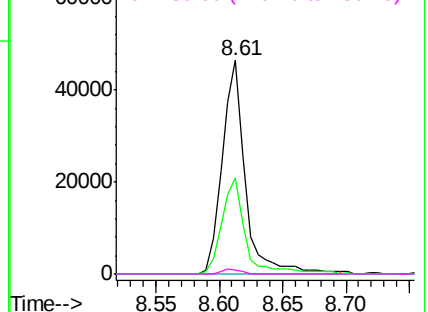


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402053

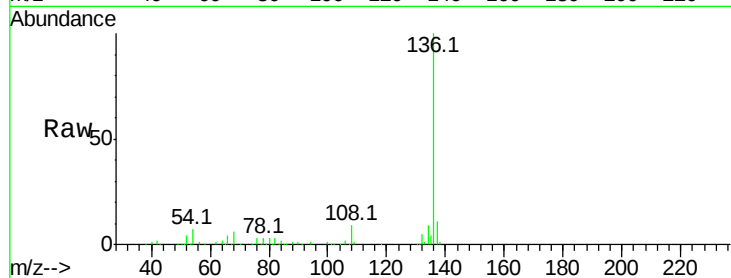
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

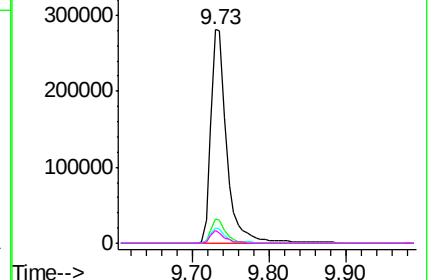
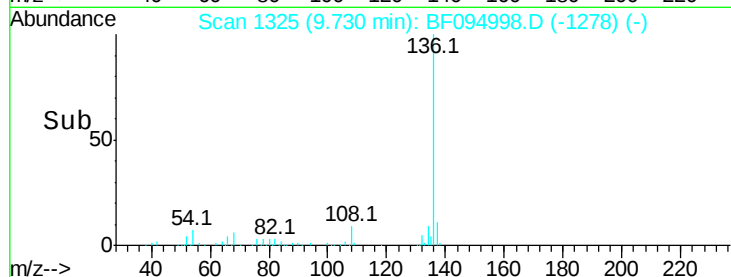


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.10 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

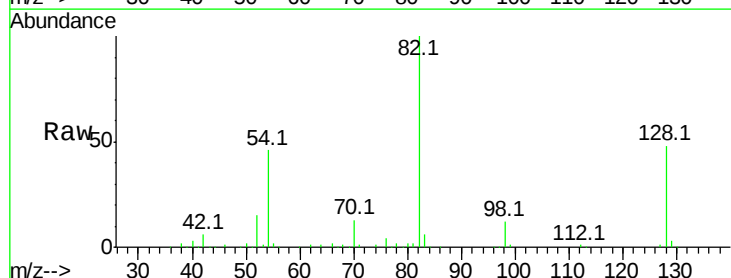
Tgt Ion: 82 Resp: 466085

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

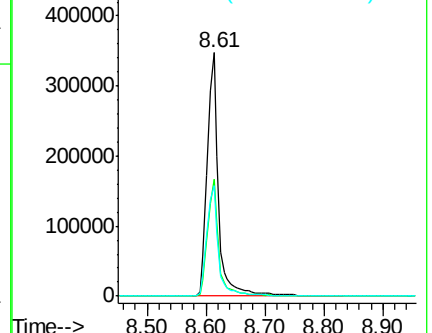
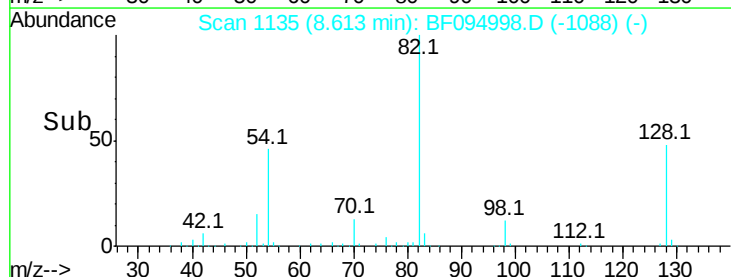
54 45.6 42.2 63.2

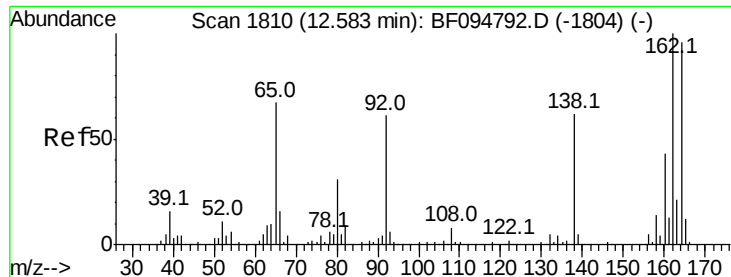


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

Instrument :

BNA_F

ClientSampleId :

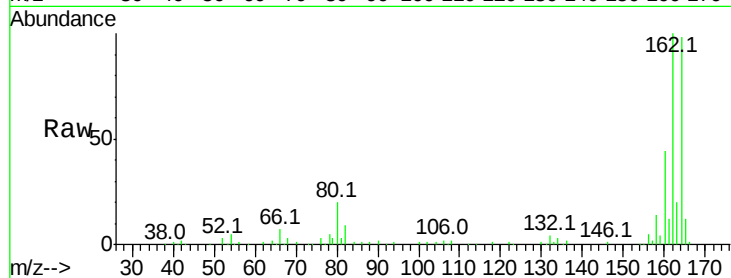
Tot Ion:164 Resp: 189642

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

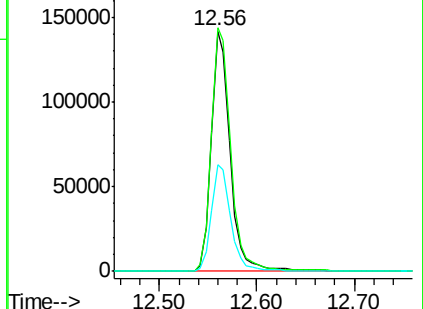
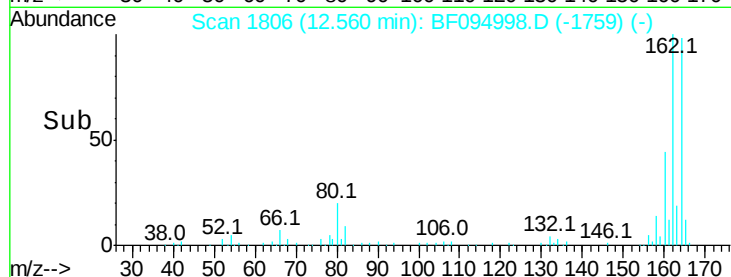
160 44.5 36.2 54.2



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: 109.77 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF094998.D

Acq: 9 May 2017 00:54

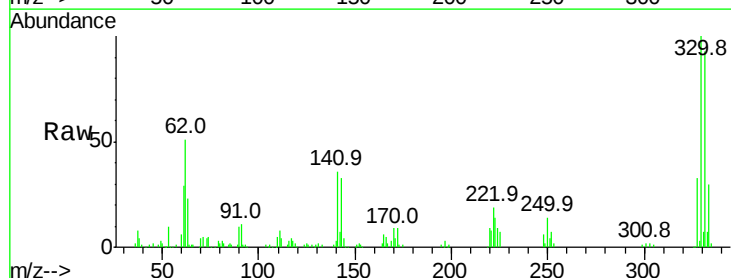
Tgt Ion:330 Resp: 170492

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

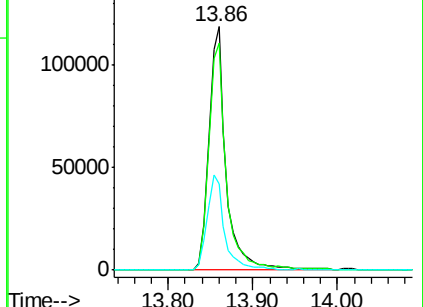
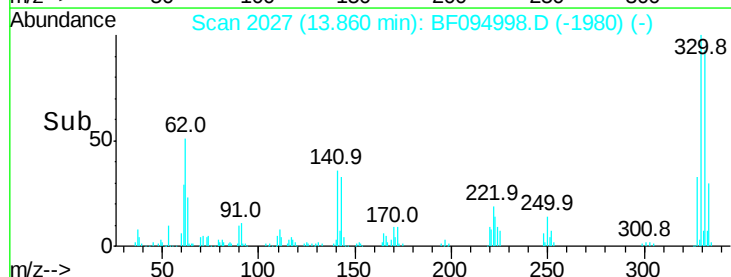
141 39.4 31.4 47.2



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

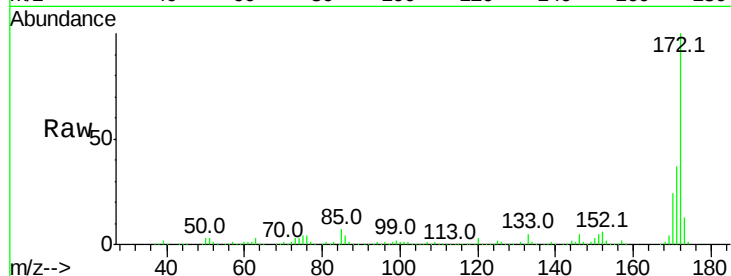




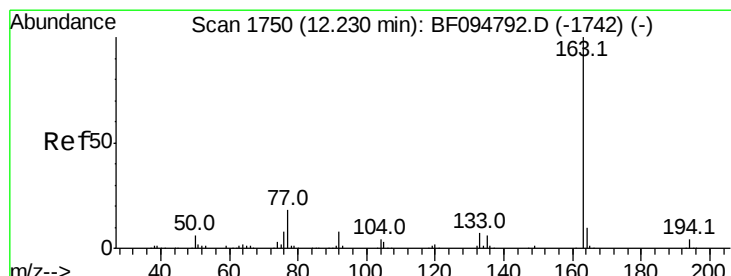
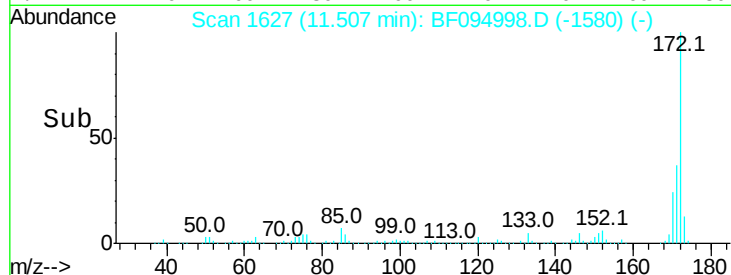
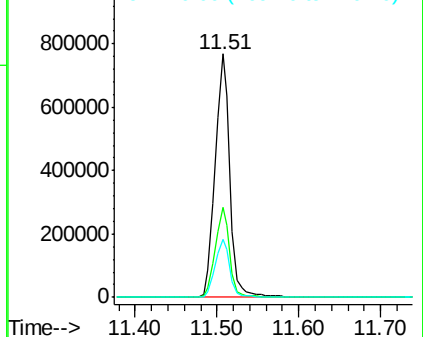
#44
2-Fluorobiphenyl
Concen: 73.65 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF094998.D
Acq: 9 May 2017 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 970368
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.7 19.8 29.8

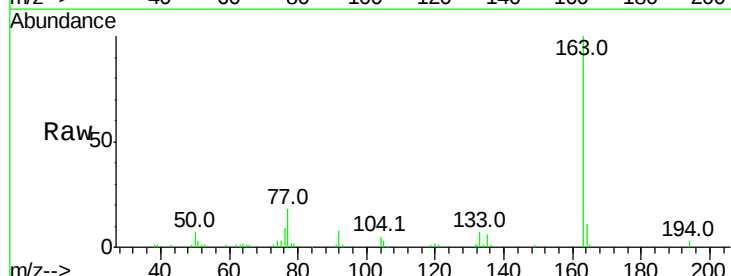


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

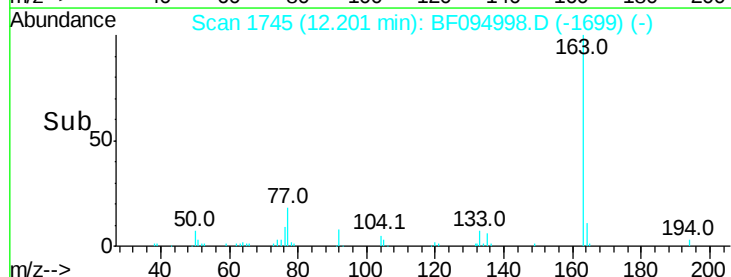
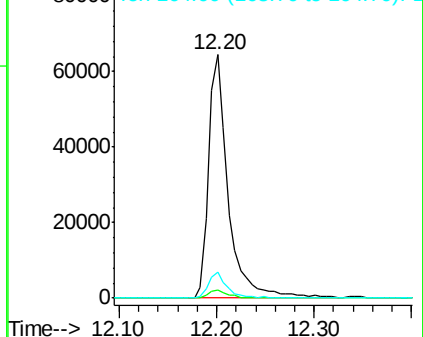


#49
Dimethylphthalate
Concen: 5.78 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094998.D
Acq: 9 May 2017 00:54

Tgt Ion:163 Resp: 90046
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 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

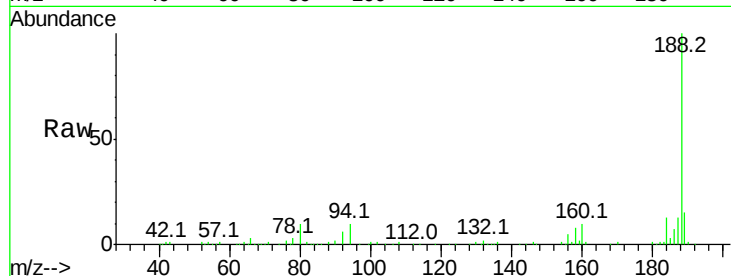




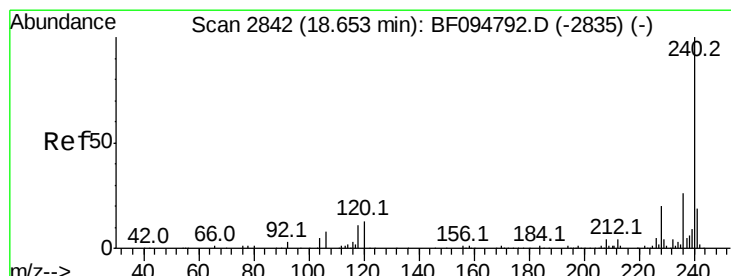
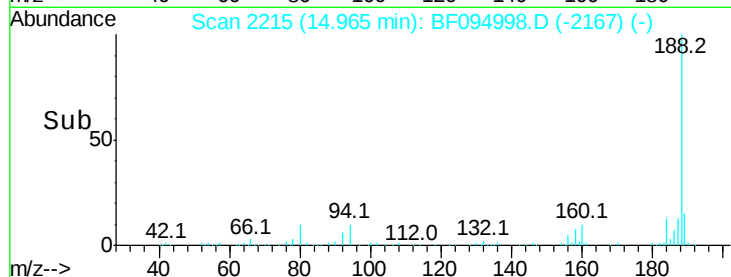
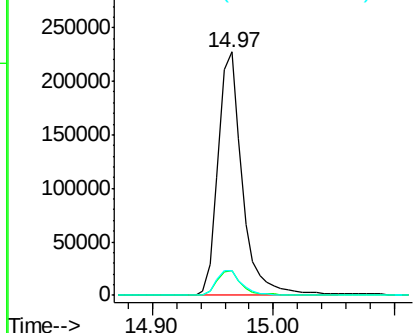
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094998.D
 Acq: 9 May 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 314628
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.3 10.2 15.2

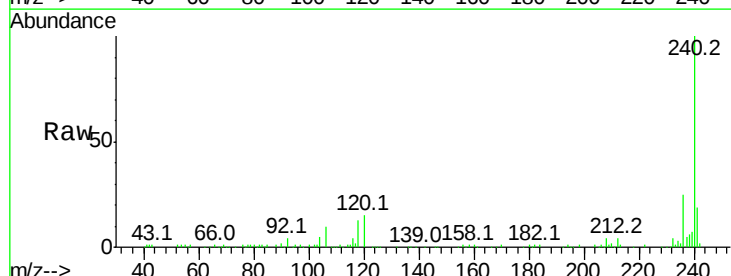


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

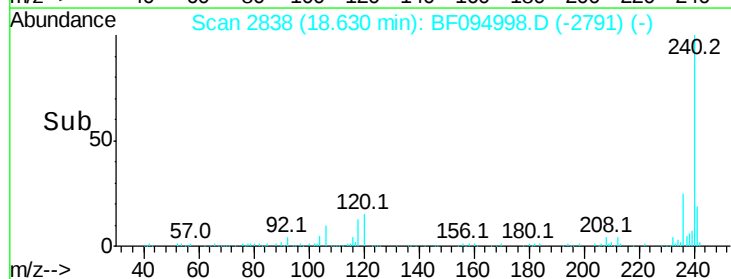
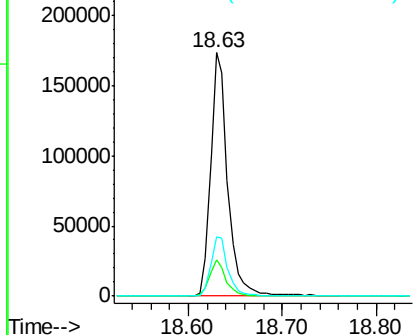


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF094998.D
 Acq: 9 May 2017 00:54

Tgt Ion:240 Resp: 222246
 Ion Ratio Lower Upper
 240 100
 120 15.0 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

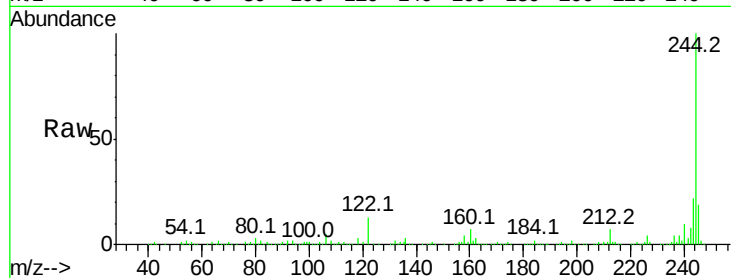




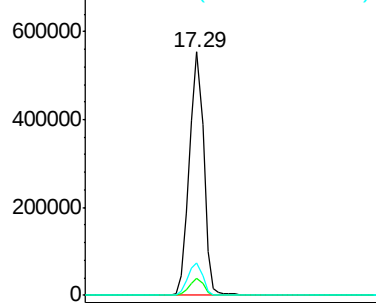
#78
 Terphenyl-d14
 Concen: 60.39 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF094998.D
 Acq: 9 May 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :

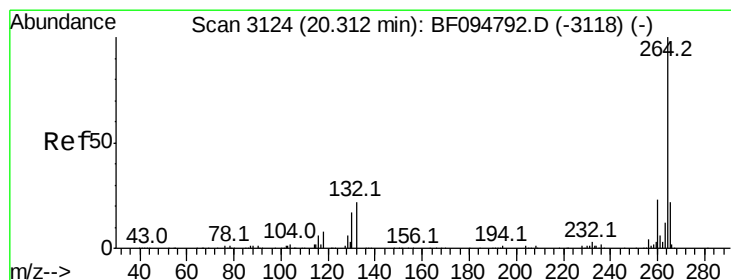
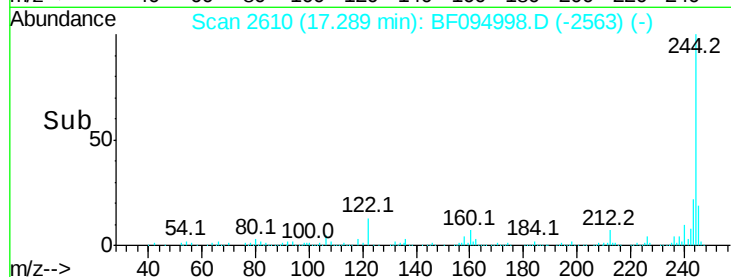
Tot Ion:244 Resp: 609310
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 10.3 15.5



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

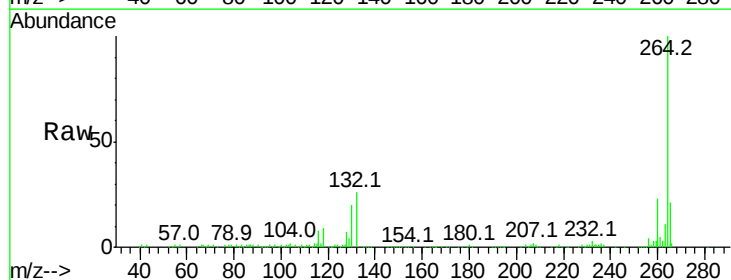


Time--> 17.20 17.30 17.40

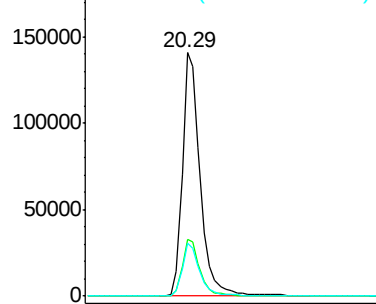


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF094998.D
 Acq: 9 May 2017 00:54

Tgt Ion:264 Resp: 187984
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.5 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



Time--> 20.20 20.30 20.40

