

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094908.D
 Acq On : 5 May 2017 10:08
 Operator : SJ/MA
 Sample : I2932-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 11:52:24 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

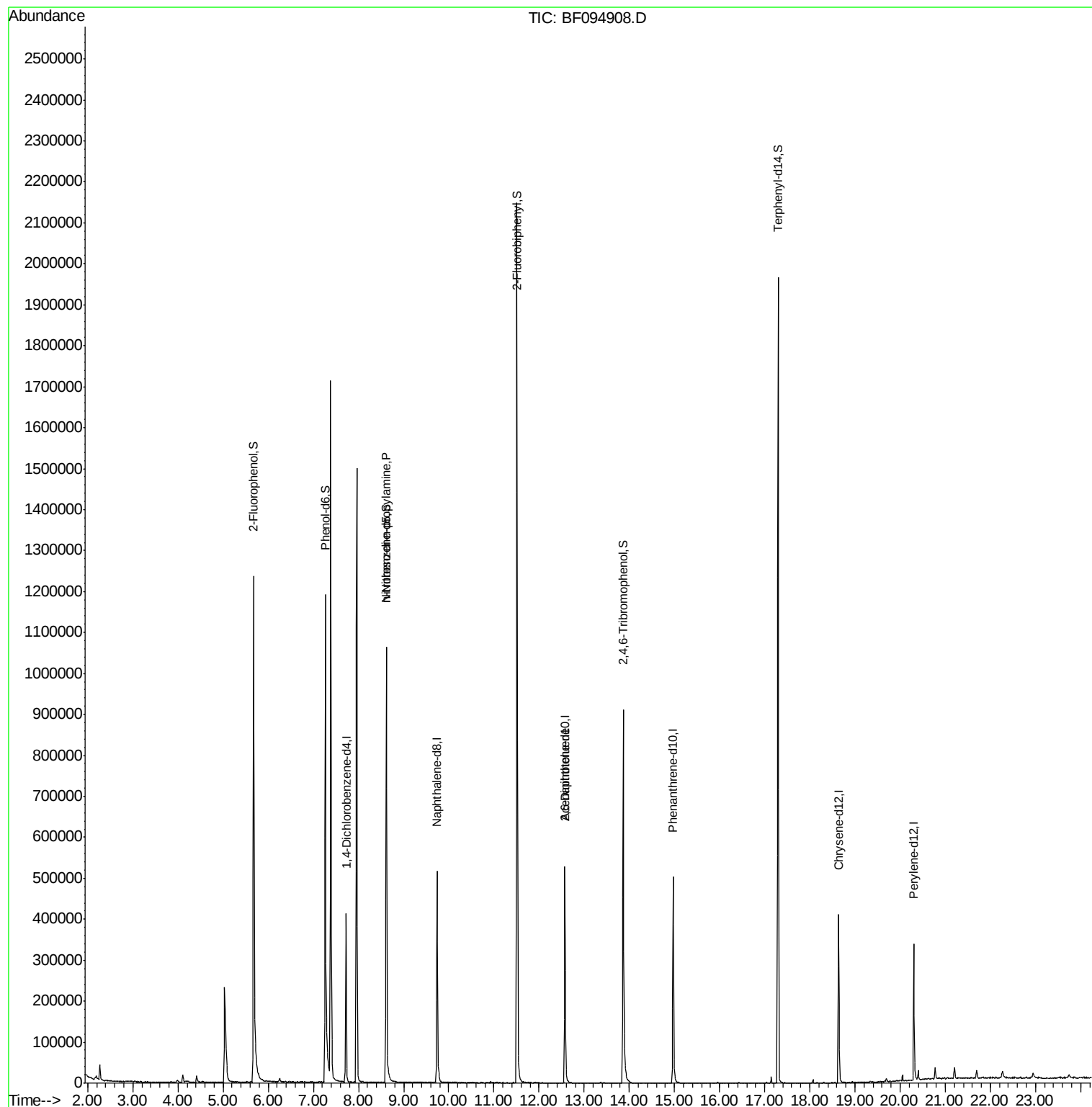
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87850	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367100	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170994	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	297601	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	205416	20.00	ng	-0.02
86) Perylene-d12	20.30	264	163519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	616685	117.03	ng	0.00
7) Phenol-d6	7.27	99	706040	111.67	ng	-0.01
23) Nitrobenzene-d5	8.62	82	486379	83.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	171776	122.66	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1000579	84.22	ng	-0.02
78) Terphenyl-d14	17.30	244	783489	84.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	62693	14.66	ng	# 79
50) 2,6-Dinitrotoluene	12.57	165	16178	5.65	ng	# 31

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

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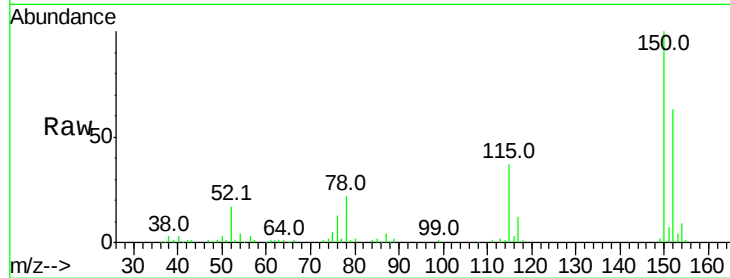


#1

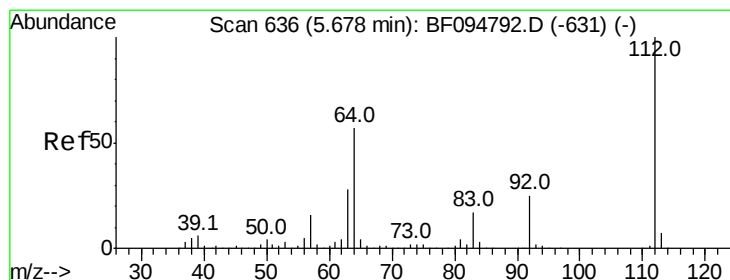
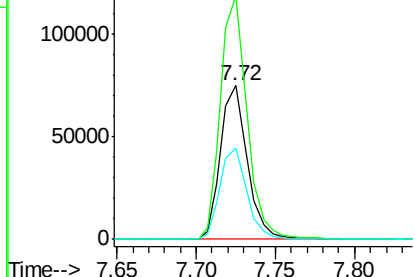
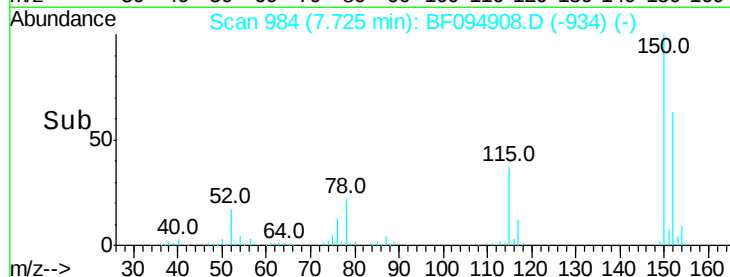
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094908.D
Acq: 5 May 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87850
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.4 52.2 78.2



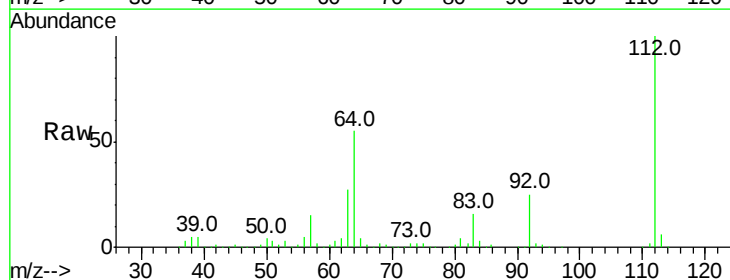
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



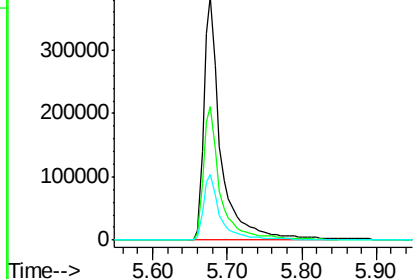
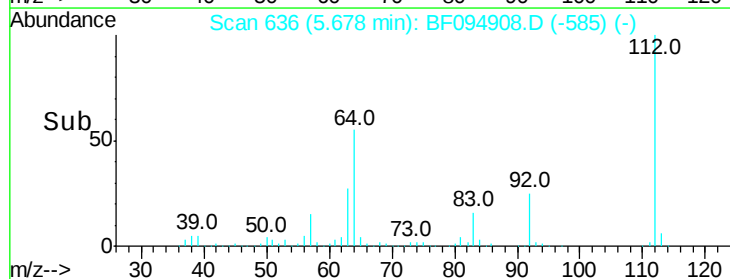
#5

2-Fluorophenol
Concen: 117.03 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094908.D
Acq: 5 May 2017 10:08

Tgt Ion:112 Resp: 616685
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.0 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: 111.67 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampleId :

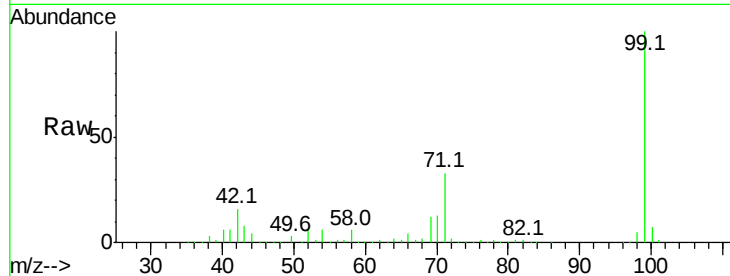
Tot Ion: 99 Resp: 706040

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

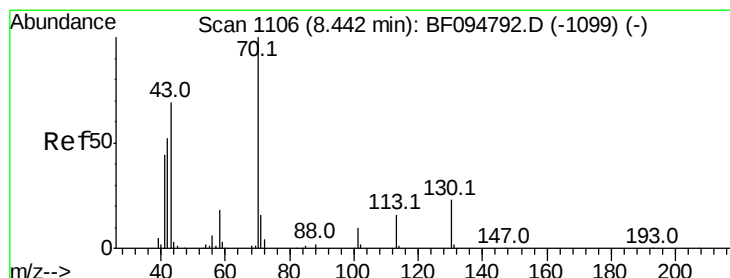
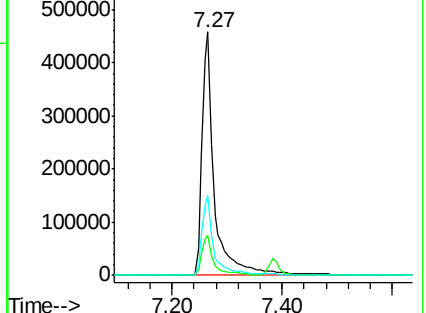
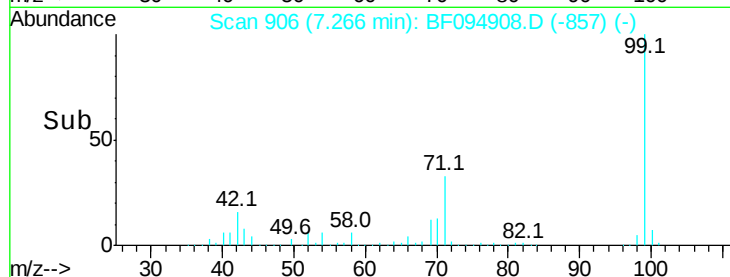
71 32.8 24.5 36.7



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: 14.66 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Tgt Ion: 70 Resp: 62693

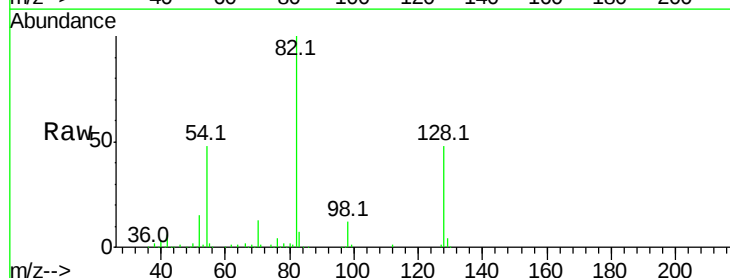
Ion Ratio Lower Upper

70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

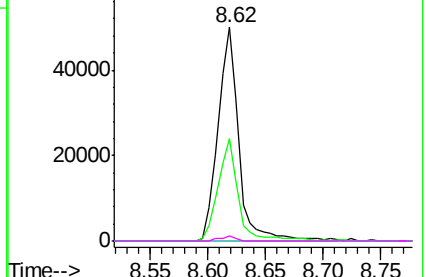
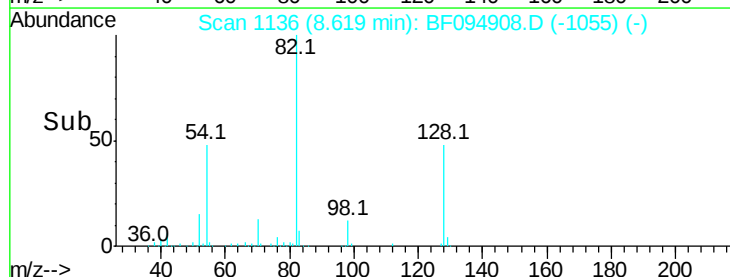


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 367100

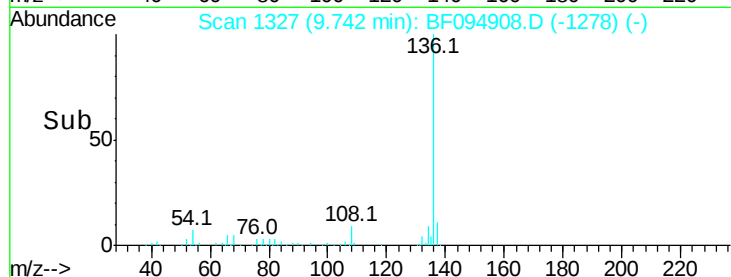
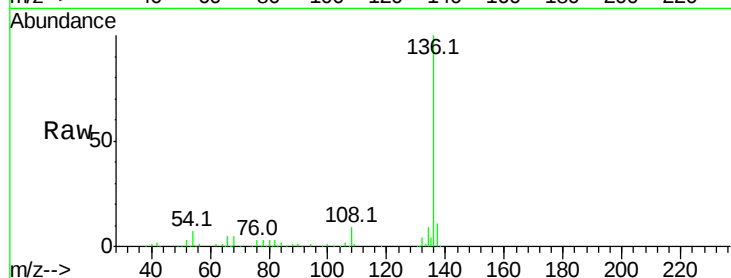
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

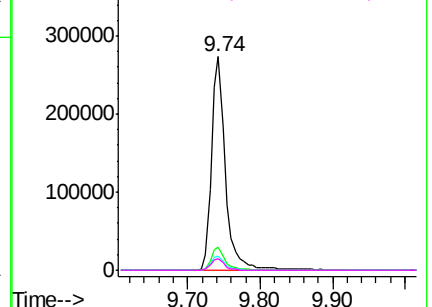


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.55 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

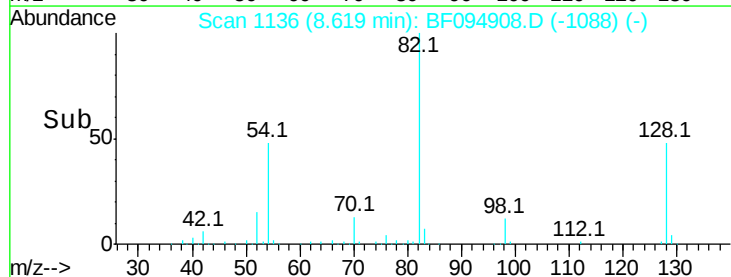
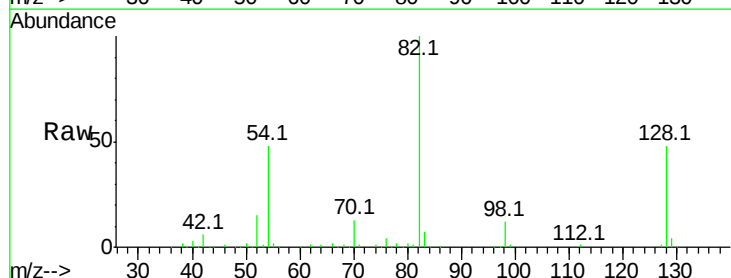
Tgt Ion: 82 Resp: 486379

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

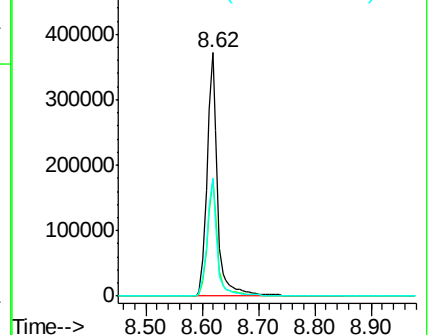
54 48.5 42.2 63.2

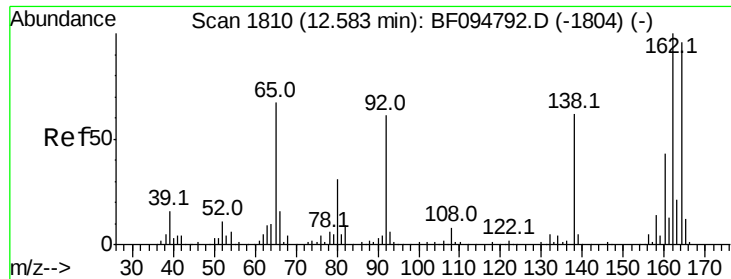


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampleId :

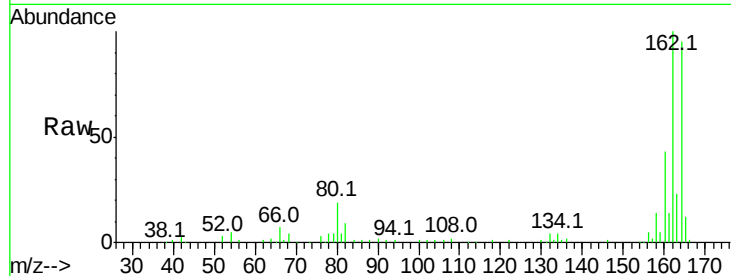
Tot Ion:164 Resp: 170994

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

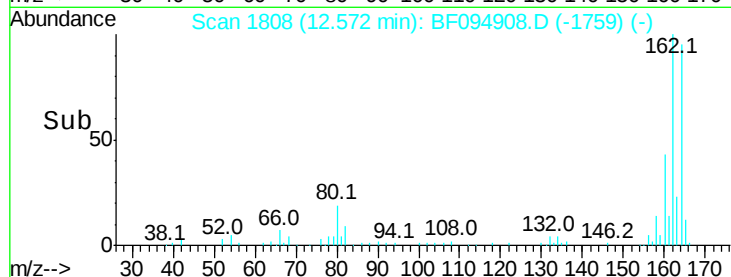
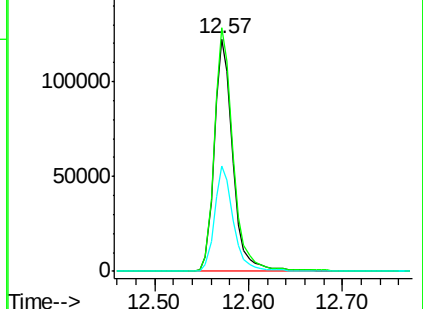
160 45.2 36.2 54.2



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: 122.66 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

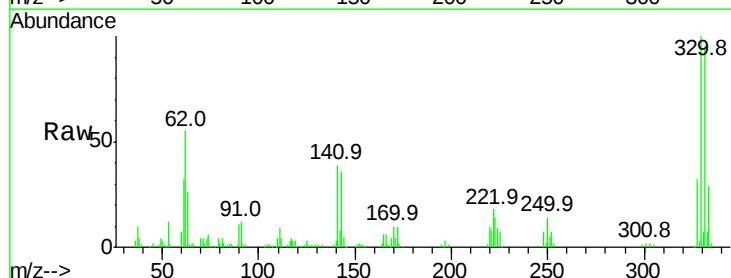
Tgt Ion:330 Resp: 171776

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

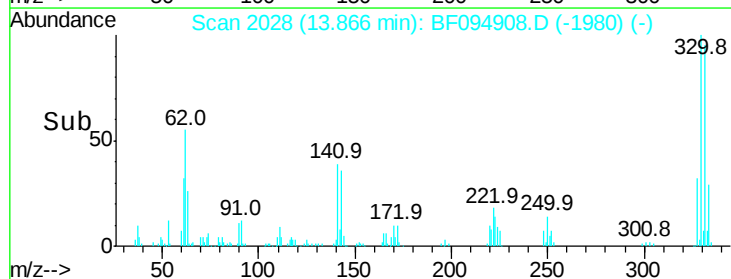
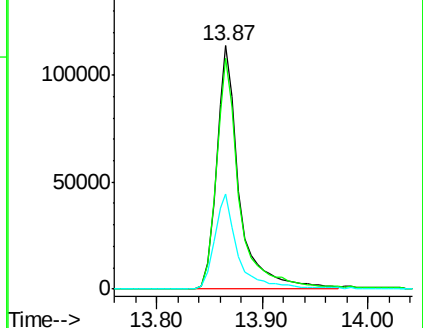
141 40.2 31.4 47.2



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

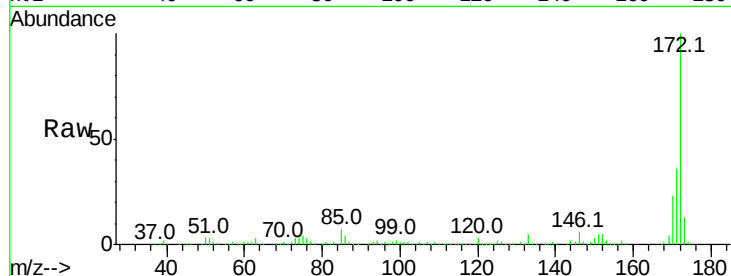




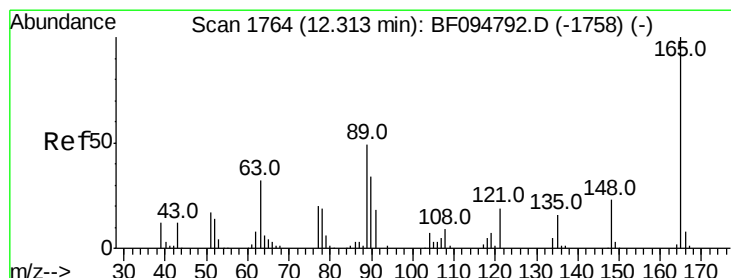
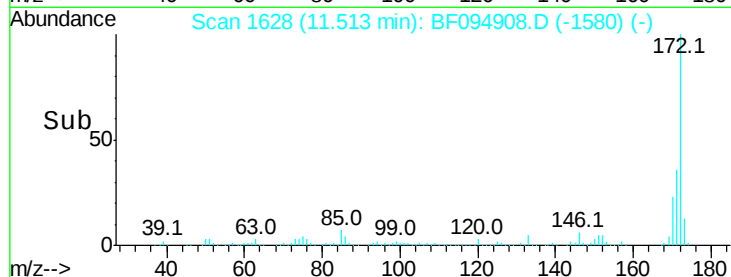
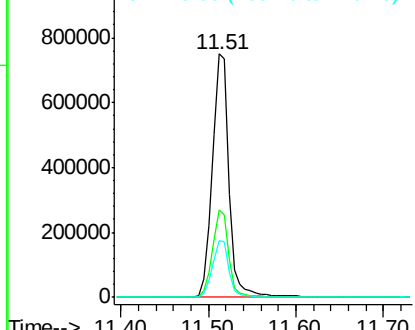
#44
 2-Fluorobiphenyl
 Concen: 84.22 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1000579
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8

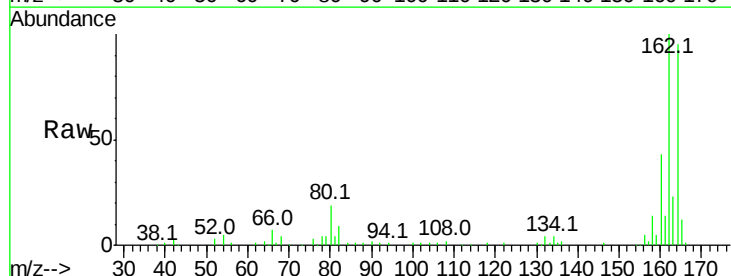


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

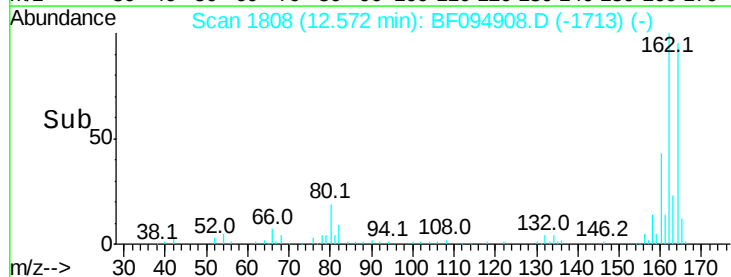
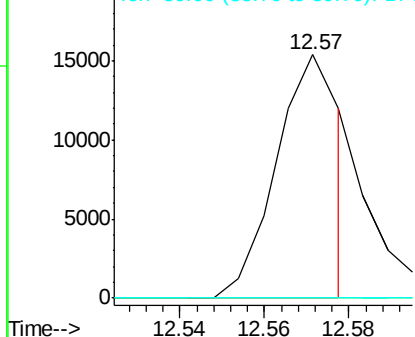


#50
 2,6-Dinitrotoluene
 Concen: 5.65 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Tgt Ion:165 Resp: 16178
 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

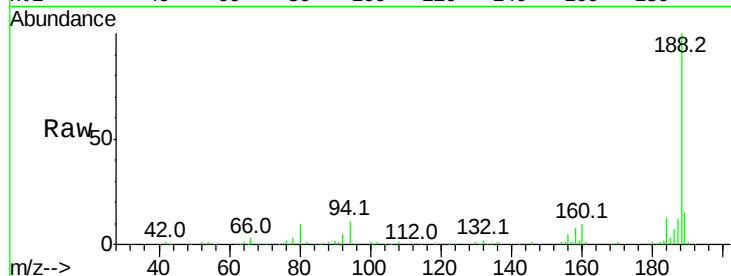




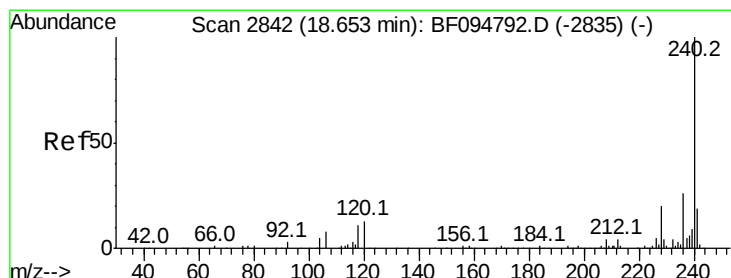
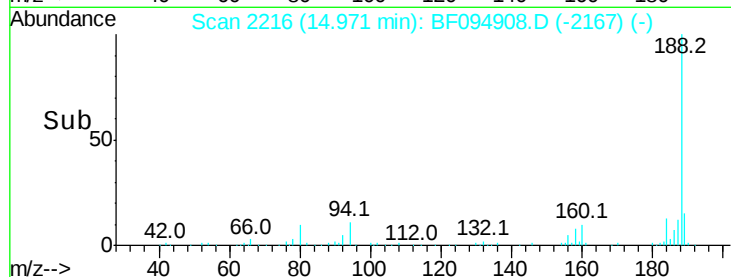
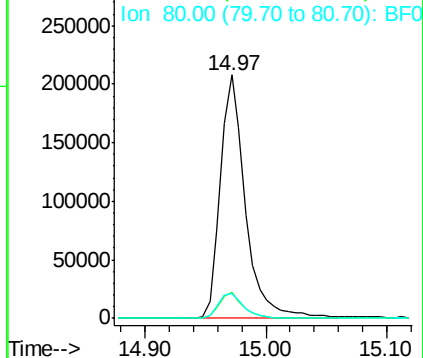
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.0	10.2	15.2#

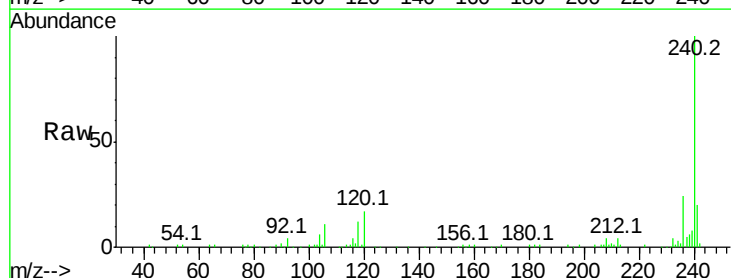


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

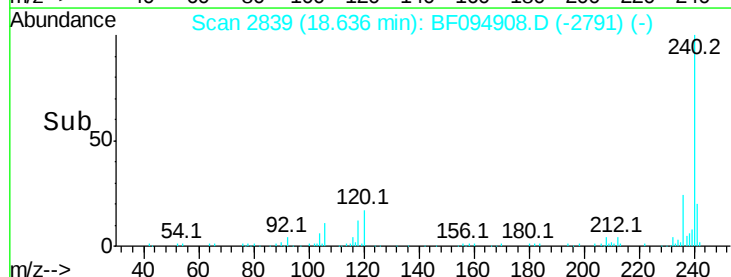
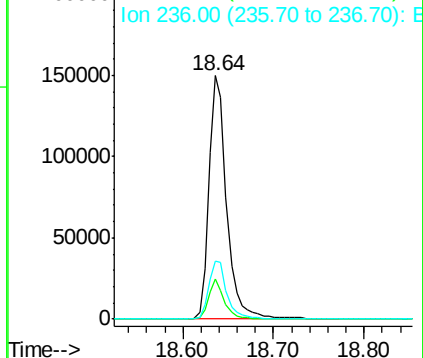


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	23.8	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: 84.01 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampleId :

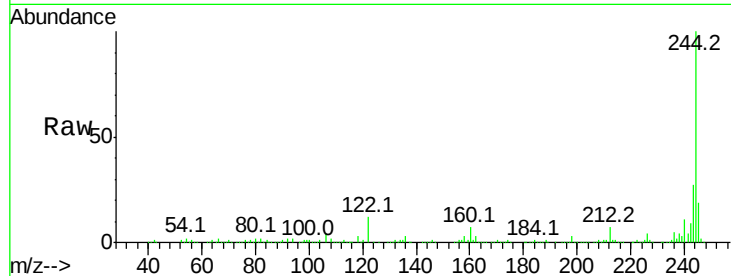
Tot Ion:244 Resp: 783489

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

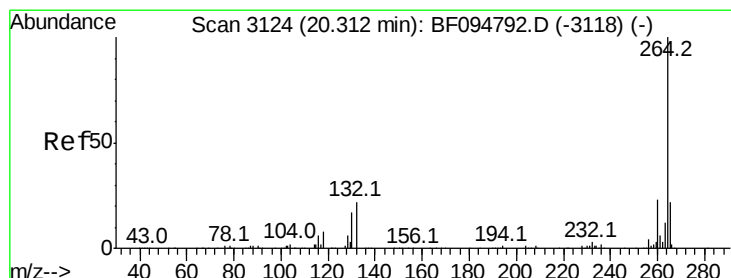
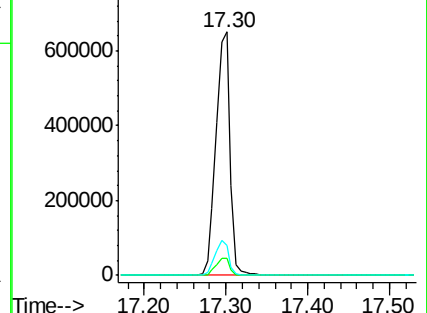
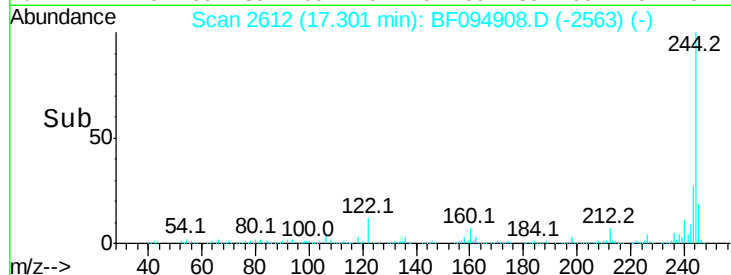
122 12.3 10.3 15.5



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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

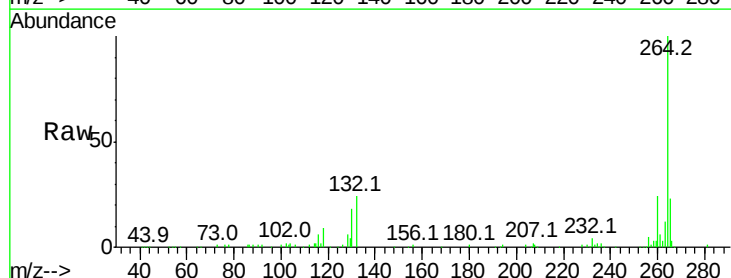
Tgt Ion:264 Resp: 163519

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 23.0 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

