

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094900.D
 Acq On : 5 May 2017 5:52
 Operator : SJ/MA
 Sample : PB98693TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 06:48:50 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

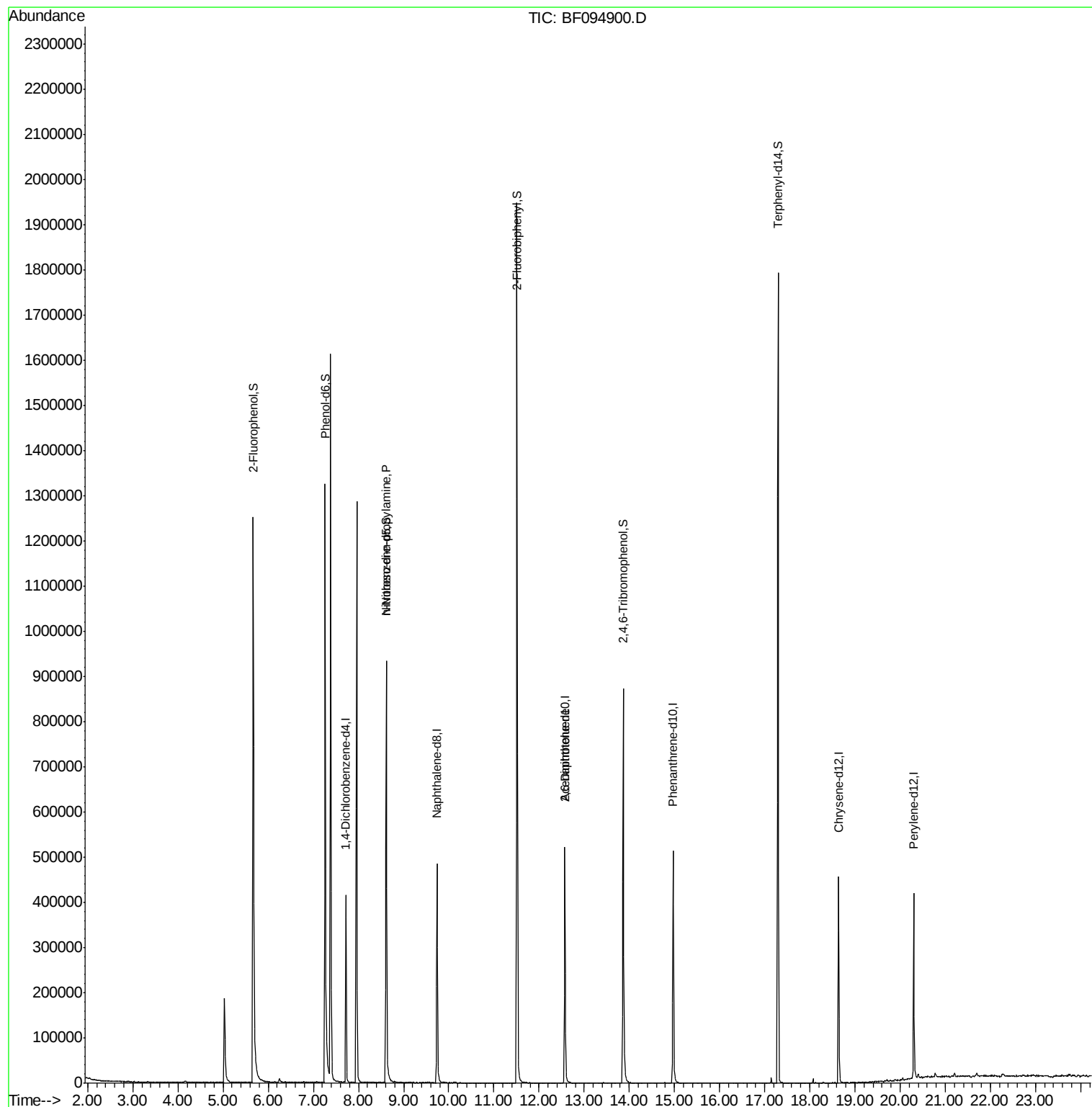
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87819	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	345251	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	169759	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296019	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	203463	20.00	ng	-0.02
86) Perylene-d12	20.30	264	180563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	628326	119.29	ng	0.00
7) Phenol-d6	7.26	99	749252	118.55	ng	-0.02
23) Nitrobenzene-d5	8.62	82	431474	78.81	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	155959	112.18	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	899926	76.30	ng	-0.02
78) Terphenyl-d14	17.29	244	710620	76.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	55491	12.98	ng	# 74
50) 2,6-Dinitrotoluene	12.57	165	16892	5.94	ng	# 31

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

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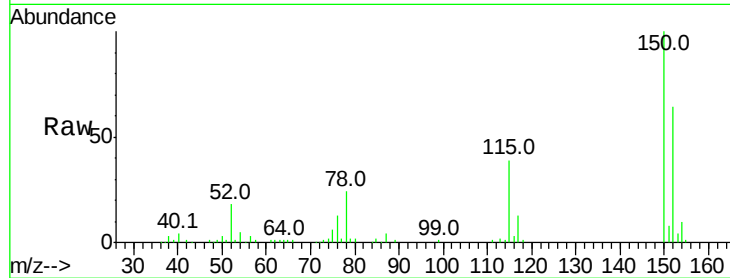


#1

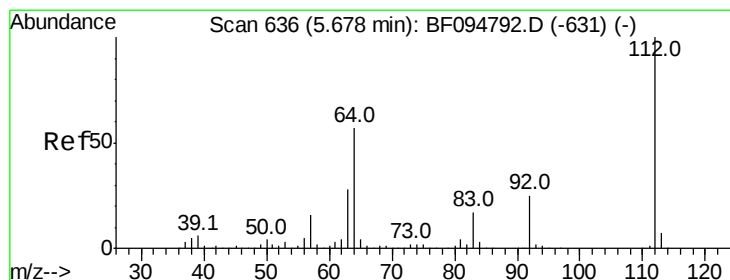
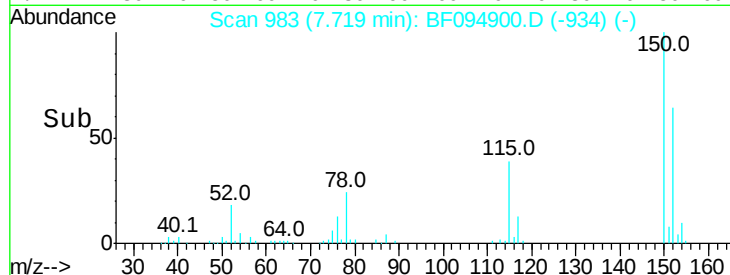
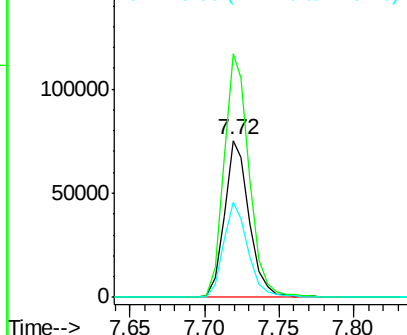
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094900.D
Acq: 5 May 2017 5:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87819
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 60.4 52.2 78.2



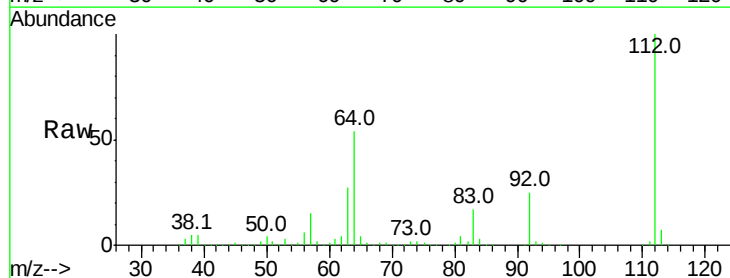
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



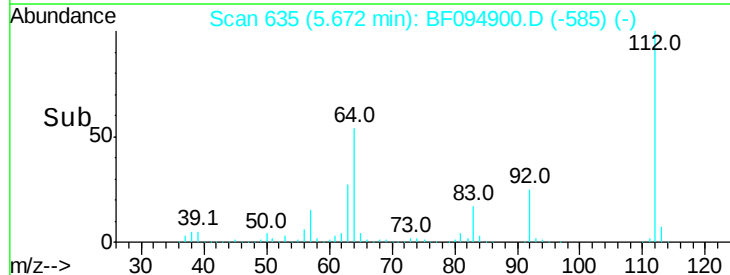
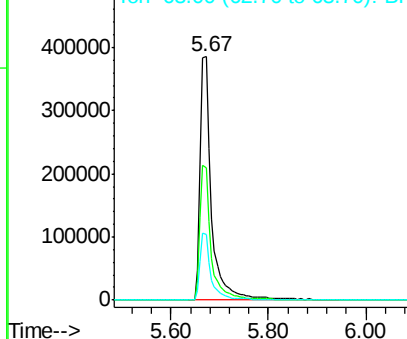
#5

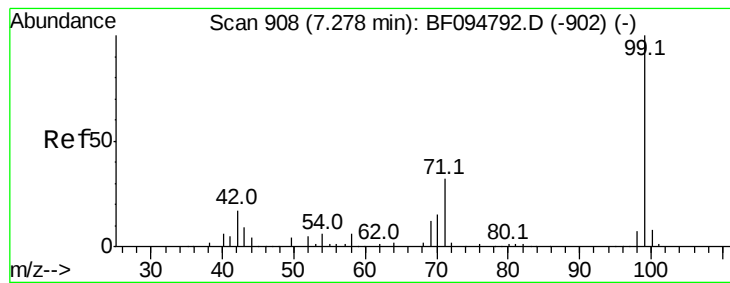
2-Fluorophenol
Concen: 119.29 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094900.D
Acq: 5 May 2017 5:52

Tgt Ion:112 Resp: 628326
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.7 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: 118.55 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094900.D

Acq: 5 May 2017 5:52

Instrument :

BNA_F

ClientSampleId :

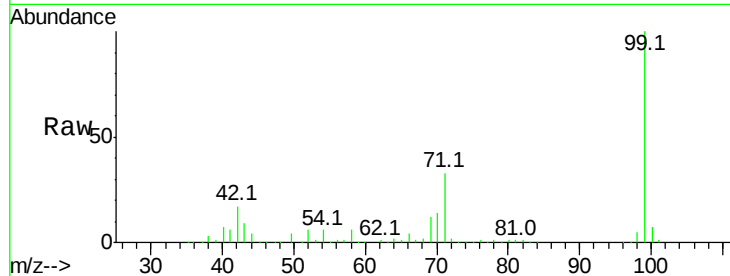
Tot Ion: 99 Resp: 749252

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

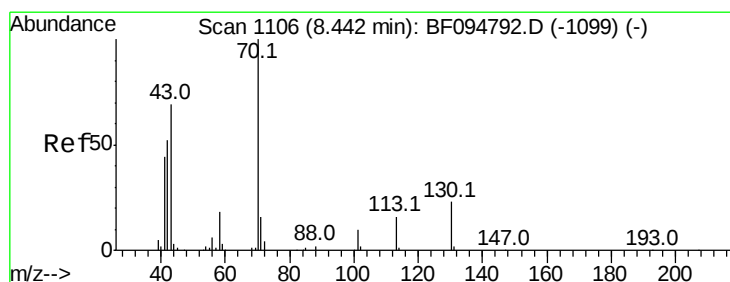
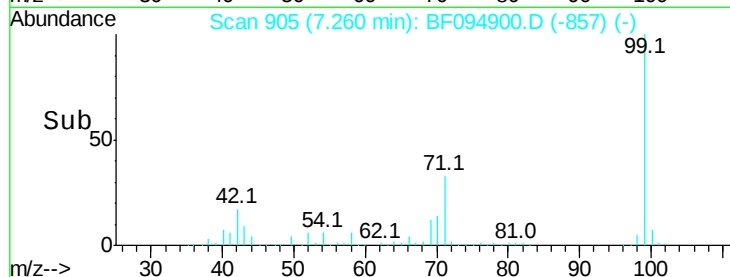
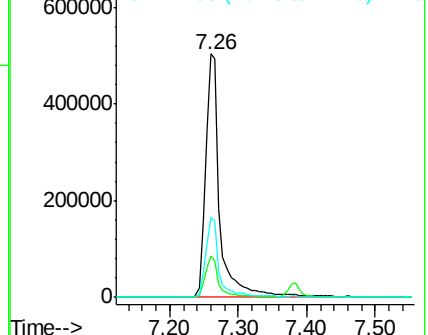
71 33.0 24.5 36.7



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: 12.98 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094900.D

Acq: 5 May 2017 5:52

Tgt Ion: 70 Resp: 55491

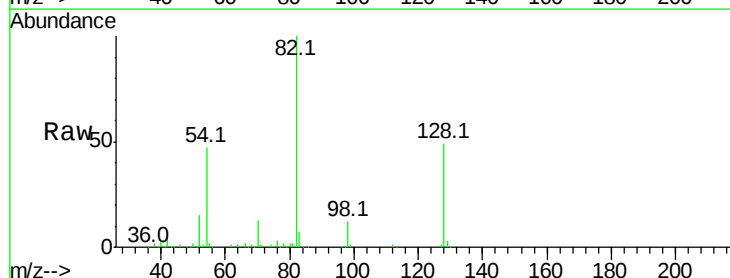
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

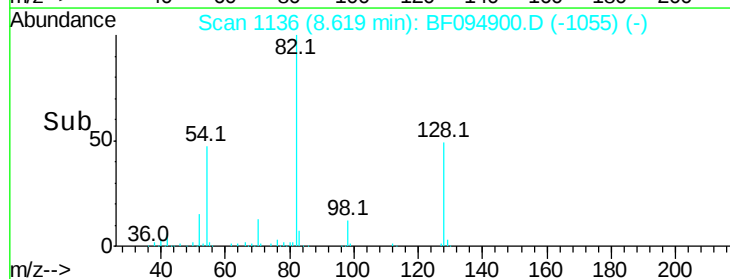
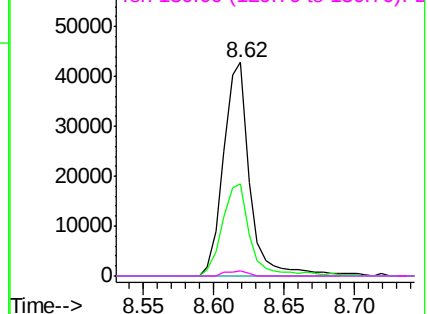


Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094900.D

Acq: 5 May 2017 5:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 345251

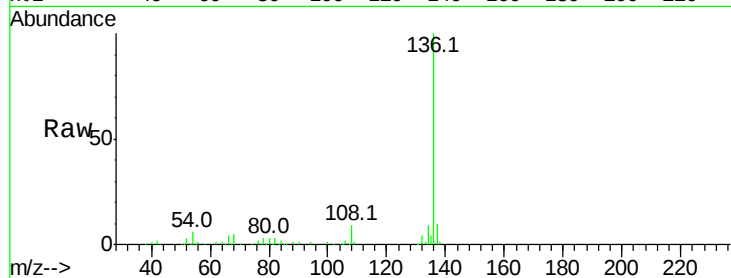
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.4 4.9 7.3

68 5.0 4.1 6.1

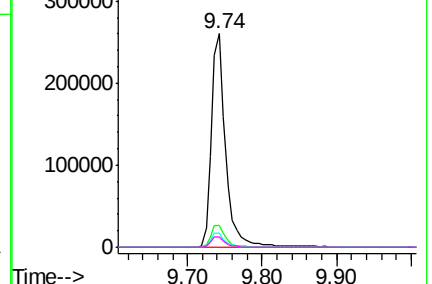
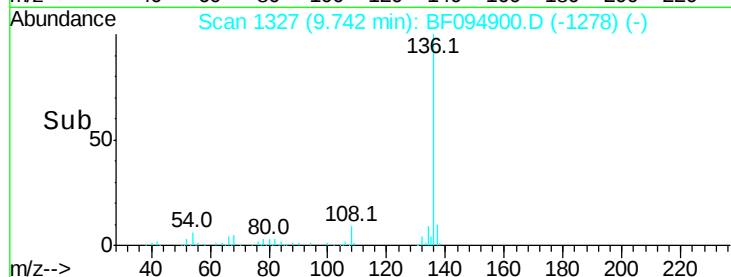


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.81 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094900.D

Acq: 5 May 2017 5:52

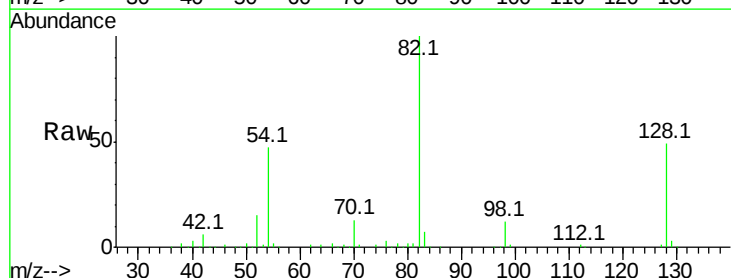
Tgt Ion: 82 Resp: 431474

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

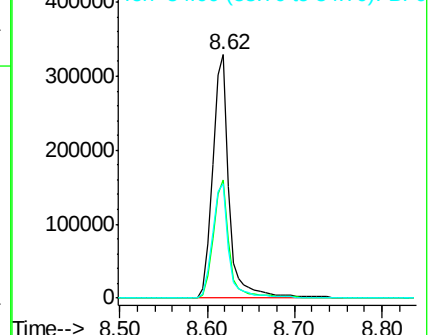
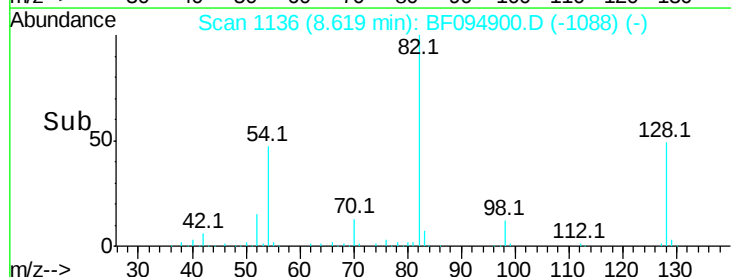
54 47.1 42.2 63.2



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: BF094900.D

Acq: 5 May 2017 5:52

Instrument :

BNA_F

ClientSampleId :

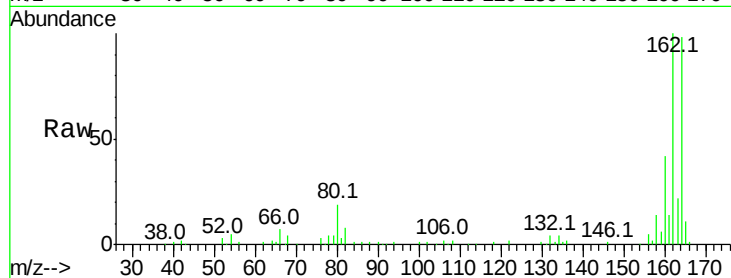
Tot Ion:164 Resp: 169759

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

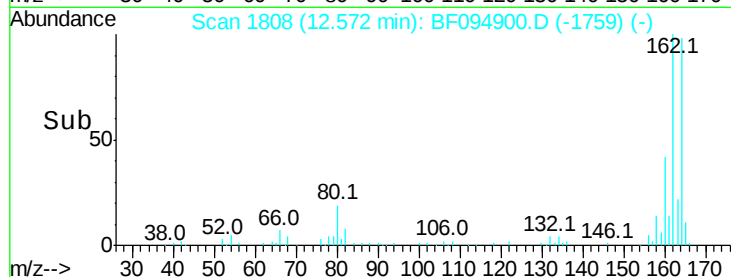
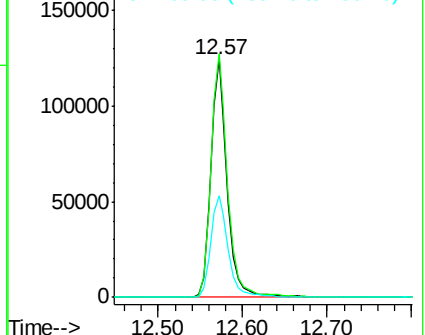
160 42.7 36.2 54.2



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: 112.18 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094900.D

Acq: 5 May 2017 5:52

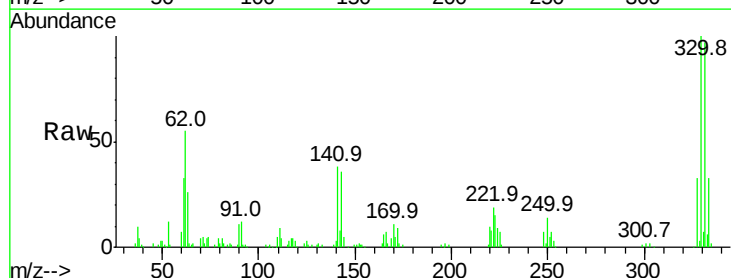
Tgt Ion:330 Resp: 155959

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

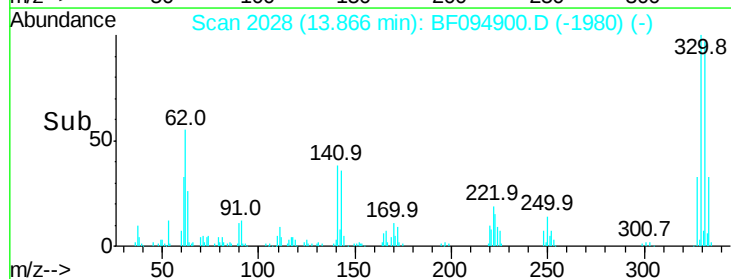
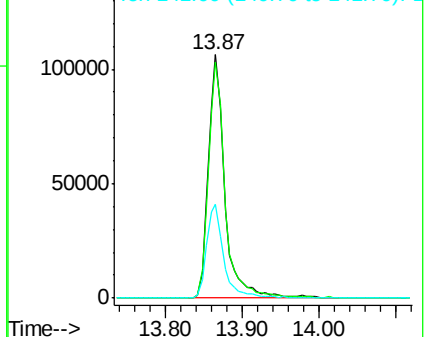
141 39.9 31.4 47.2



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

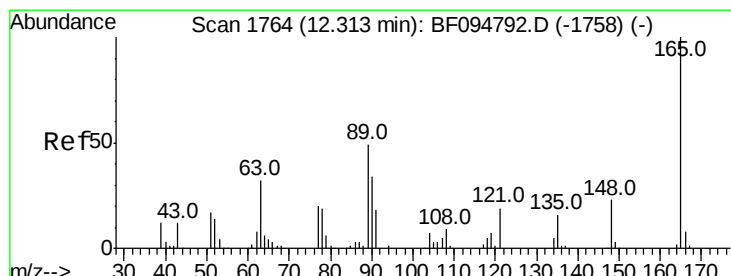
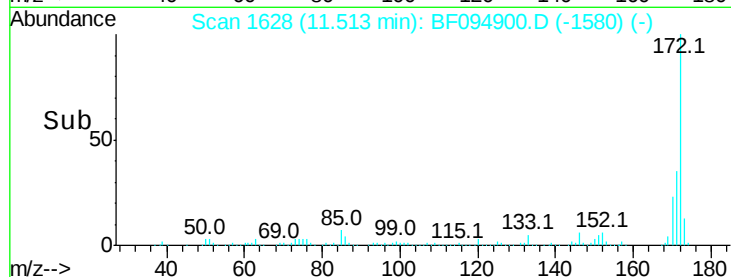
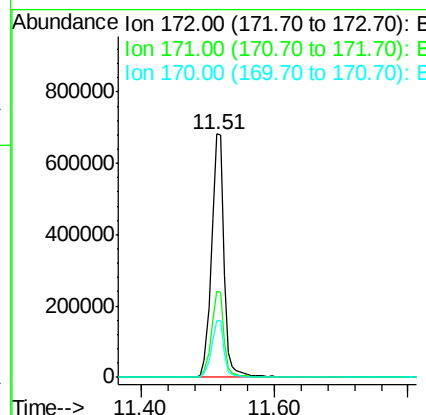
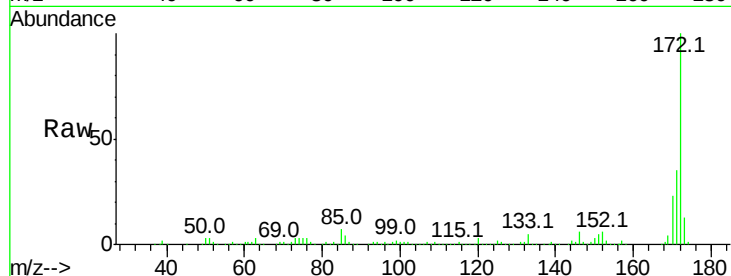




#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094900.D
 Acq: 5 May 2017 5:52

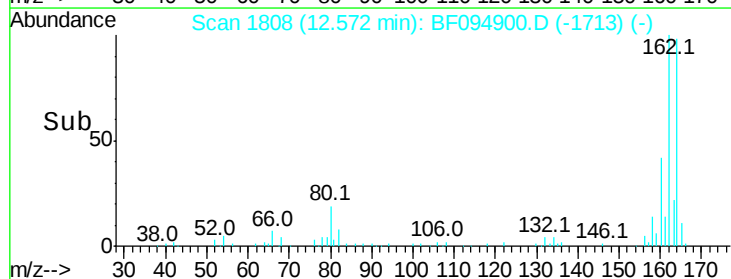
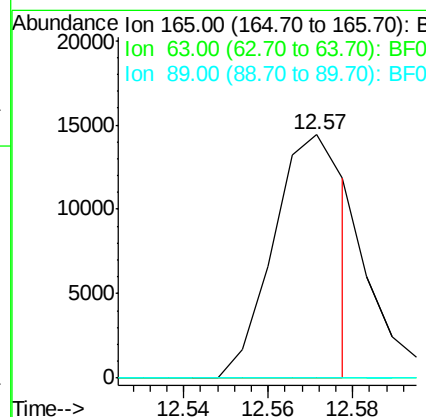
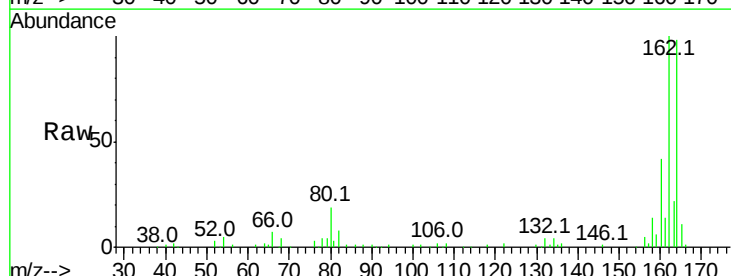
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.2	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.94 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094900.D
 Acq: 5 May 2017 5:52

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

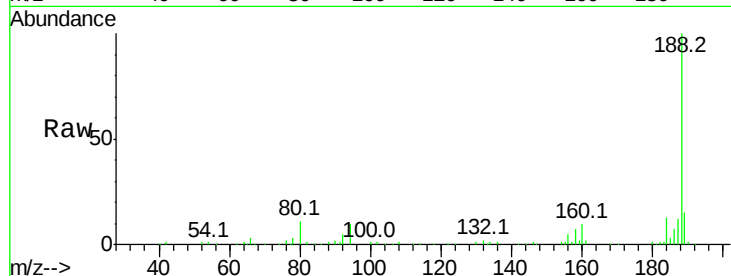




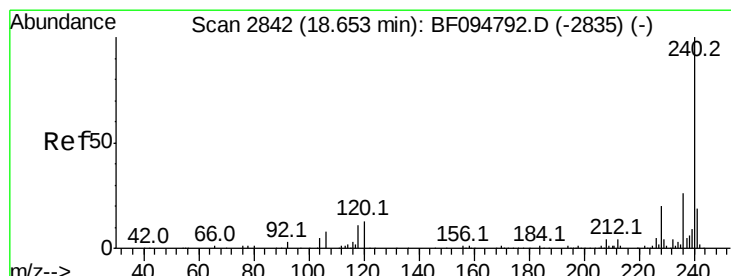
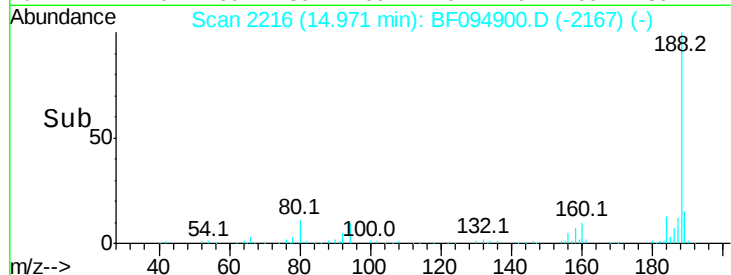
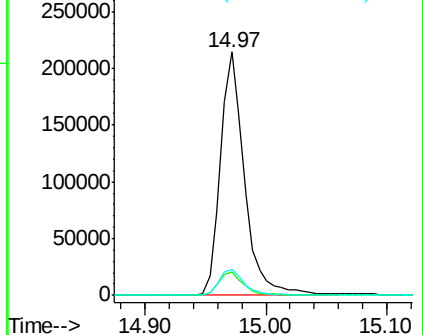
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094900.D
Acq: 5 May 2017 5:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.5	10.2	15.2

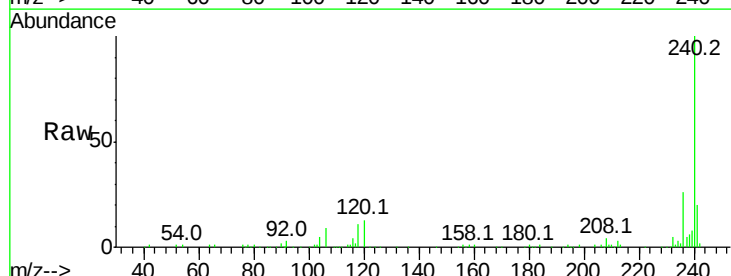


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

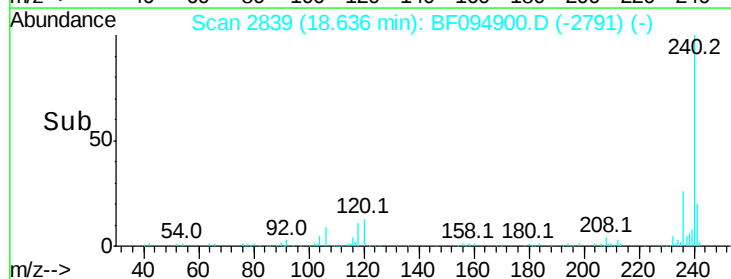
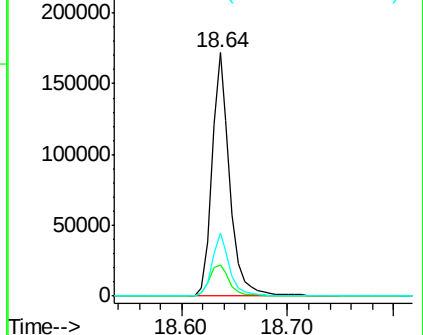


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094900.D
Acq: 5 May 2017 5:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	26.1	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

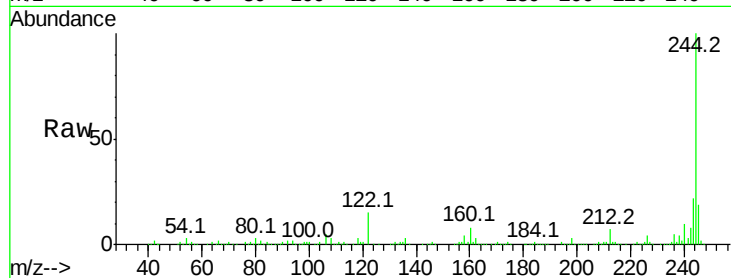




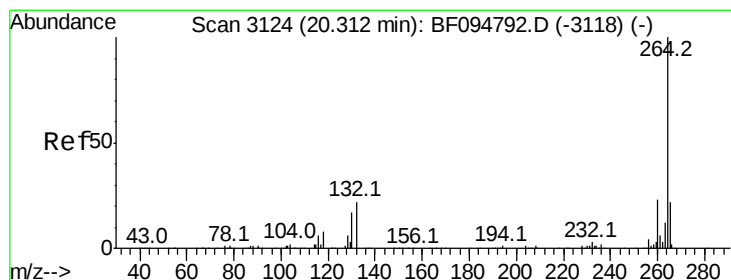
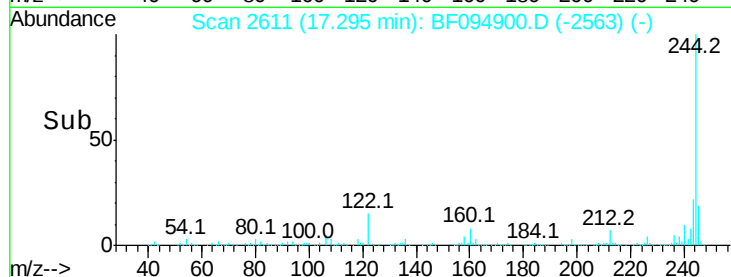
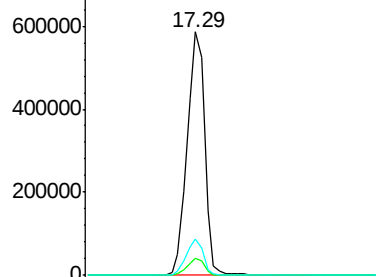
#78
 Terphenyl-d14
 Concen: 76.93 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094900.D
 Acq: 5 May 2017 5:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 710620
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5

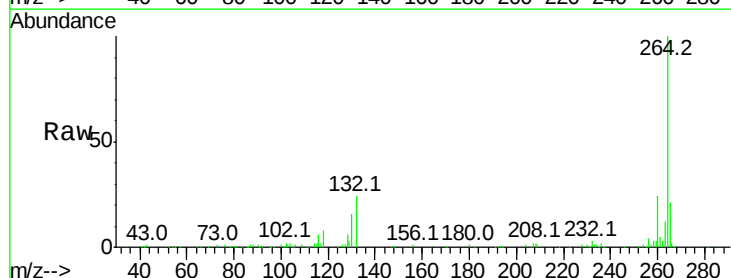


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094900.D
 Acq: 5 May 2017 5:52

Tgt Ion:264 Resp: 180563
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 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

