

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094841.D
 Acq On : 3 May 2017 18:58
 Operator : SJ/MA
 Sample : PB98646BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:10:25 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

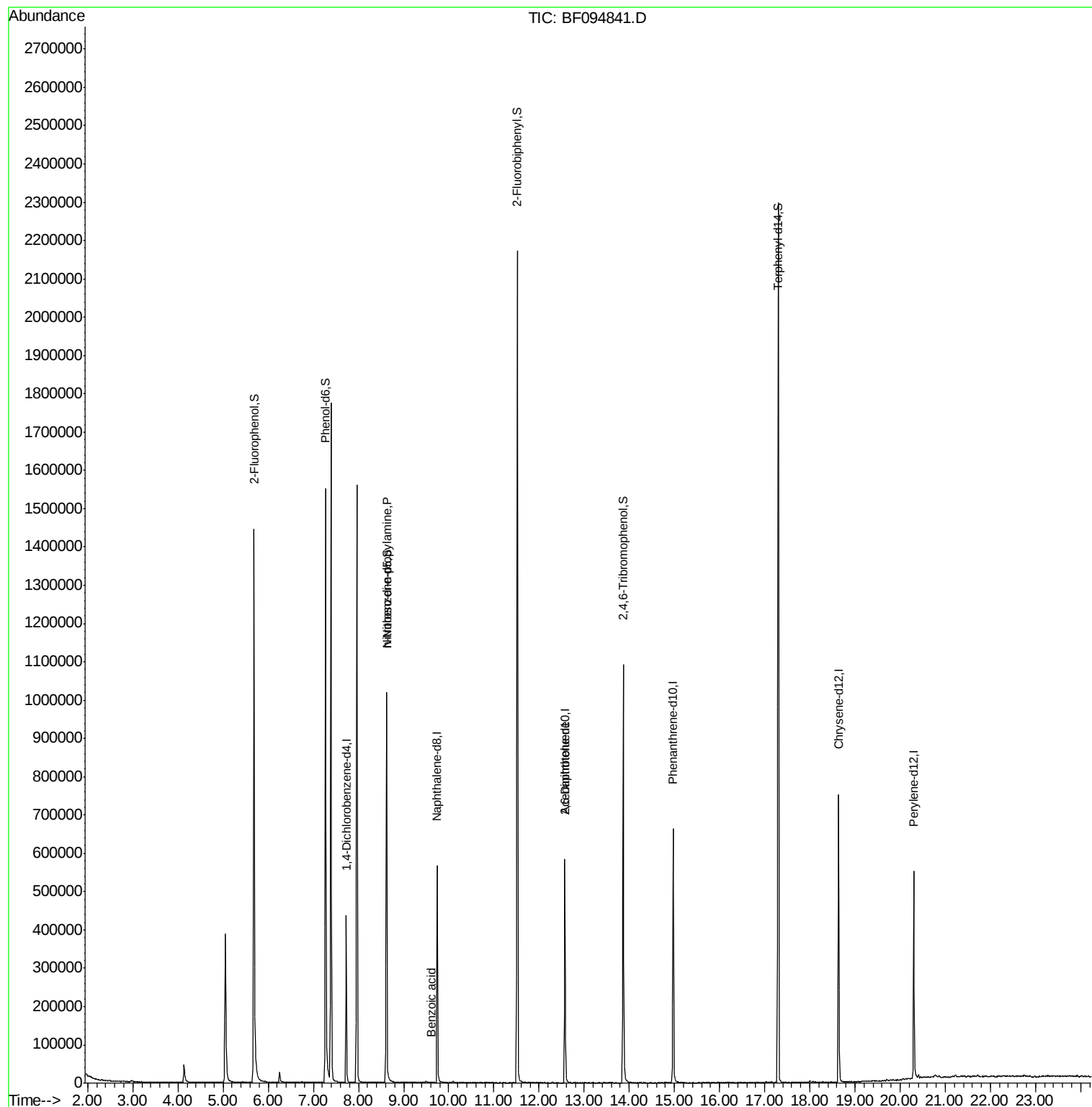
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	92056	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	362845	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173797	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	349423	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	323744	20.00	ng	-0.02
86) Perylene-d12	20.30	264	245225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	658299	119.22	ng	0.00
7) Phenol-d6	7.27	99	797047	120.31	ng	0.00
23) Nitrobenzene-d5	8.62	82	460924	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	179270	125.95	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	949445	78.63	ng	-0.01
78) Terphenyl-d14	17.30	244	979302	66.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	58521	13.06	ng	# 77
32) Benzoic acid	9.61	122	222	5.14	ng	# 78
50) 2,6-Dinitrotoluene	12.57	165	17750	6.10	ng	# 34

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

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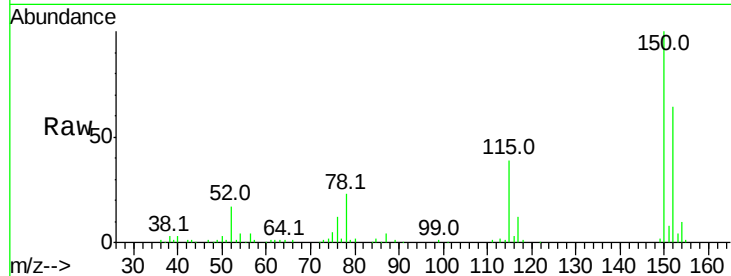


#1

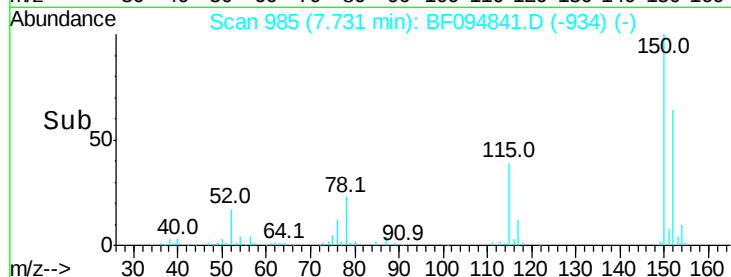
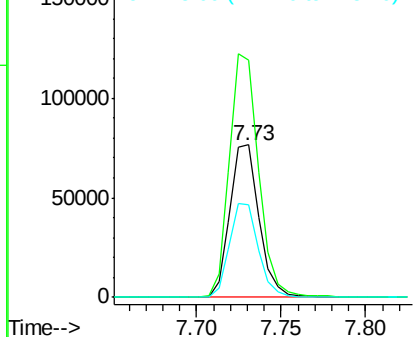
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094841.D
Acq: 3 May 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92056
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 60.8 52.2 78.2



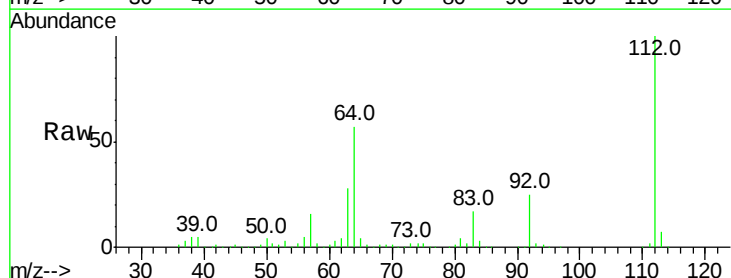
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



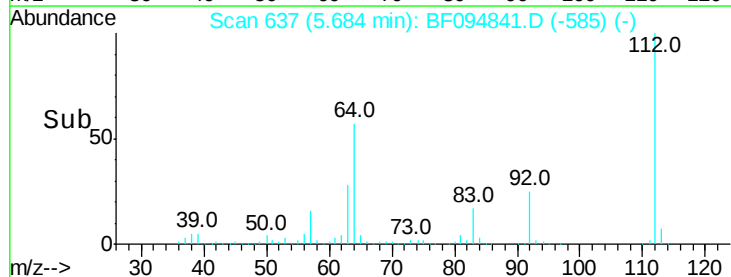
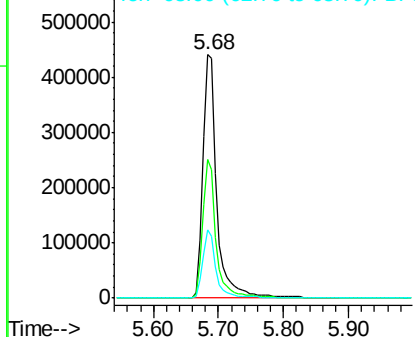
#5

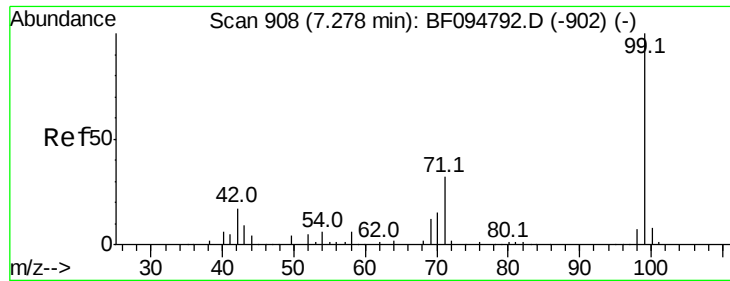
2-Fluorophenol
Concen: 119.22 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094841.D
Acq: 3 May 2017 18:58

Tgt Ion:112 Resp: 658299
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.9 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: 120.31 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

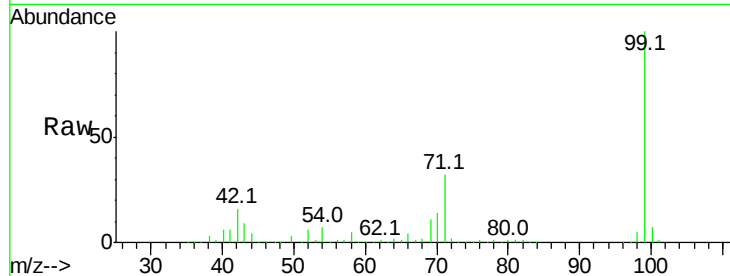
Tot Ion: 99 Resp: 797047

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

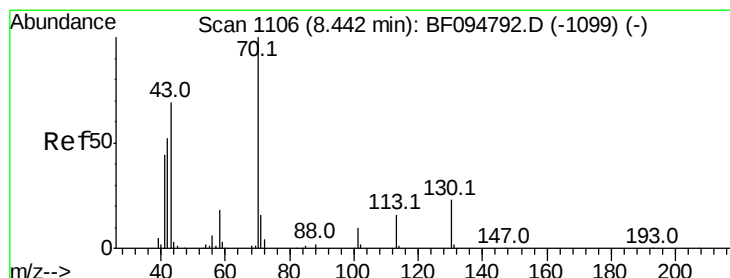
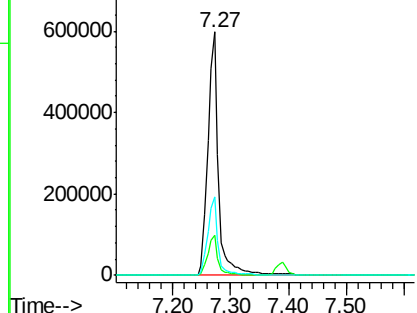
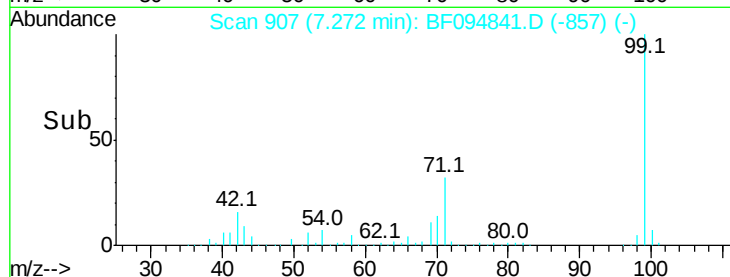
71 32.0 24.5 36.7



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: 13.06 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

Tgt Ion: 70 Resp: 58521

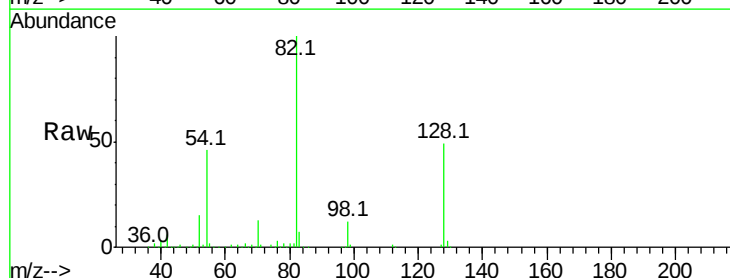
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

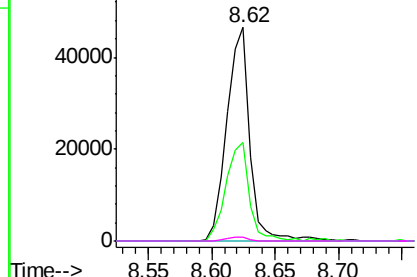
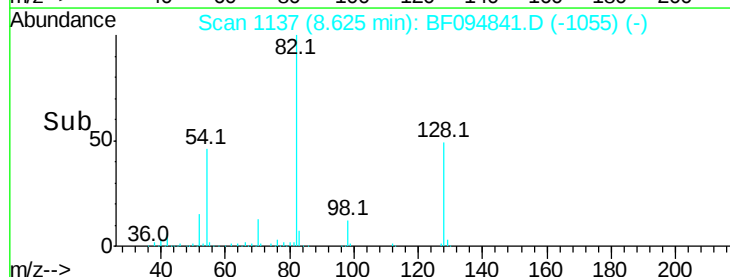


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 362845

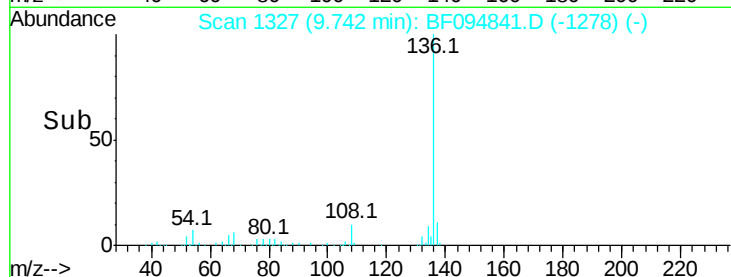
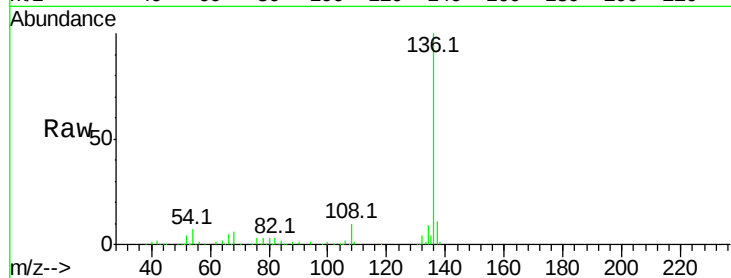
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

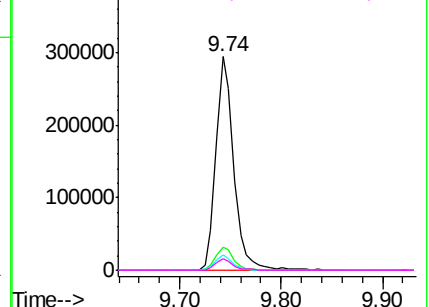


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.10 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

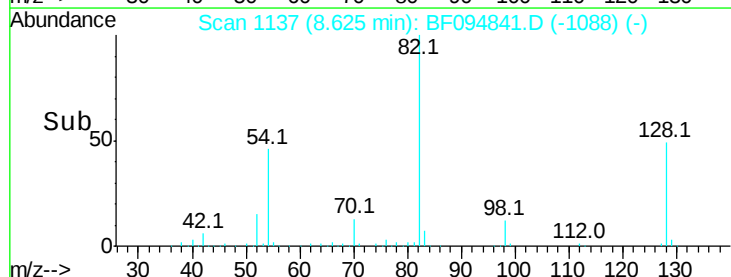
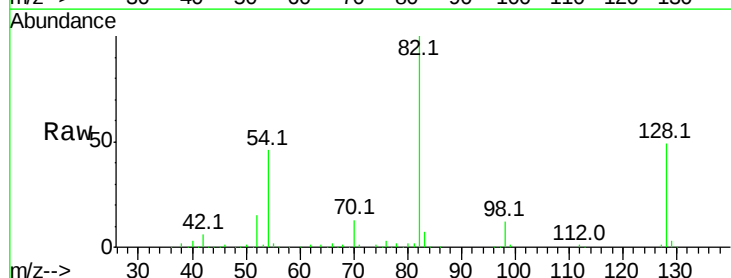
Tgt Ion: 82 Resp: 460924

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

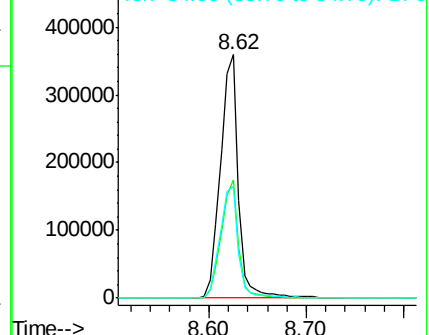
54 46.1 42.2 63.2

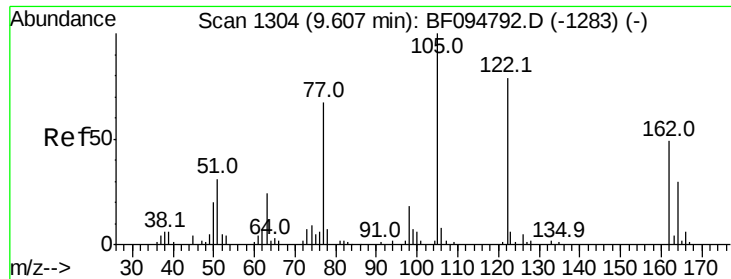


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.14 ng

RT: 9.61 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

Instrument :

BNA_F

ClientSampled :

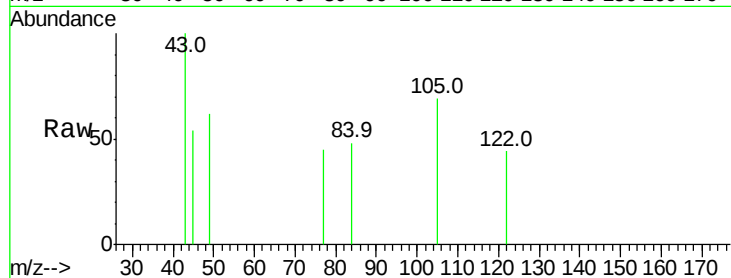
Tot Ion:122 Resp: 222

Ion Ratio Lower Upper

122 100

105 158.1 103.3 143.3#

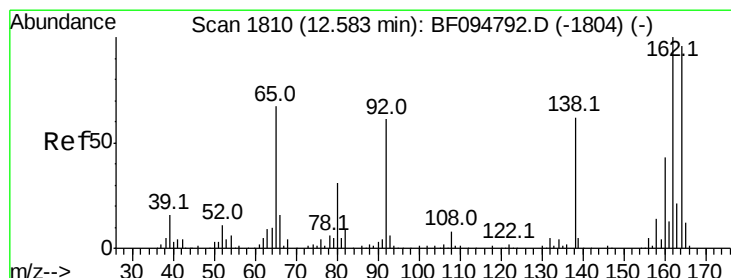
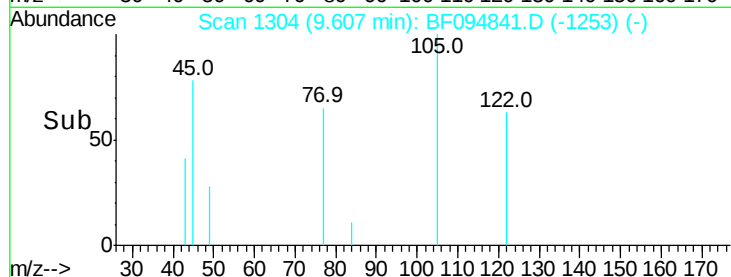
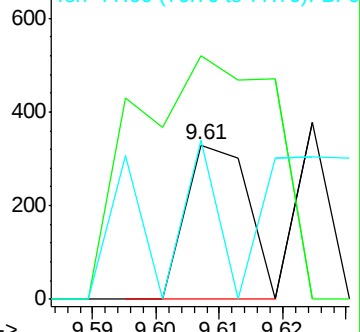
77 103.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

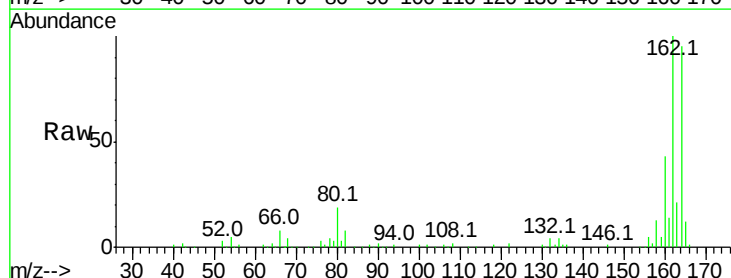
Tgt Ion:164 Resp: 173797

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

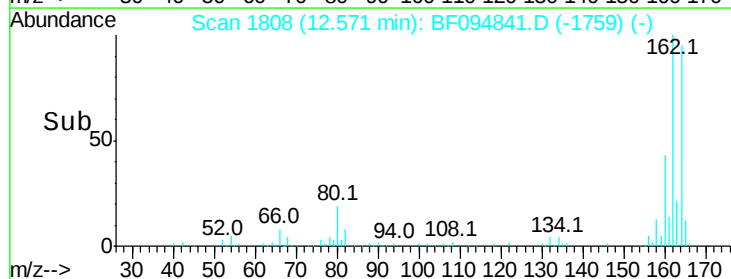
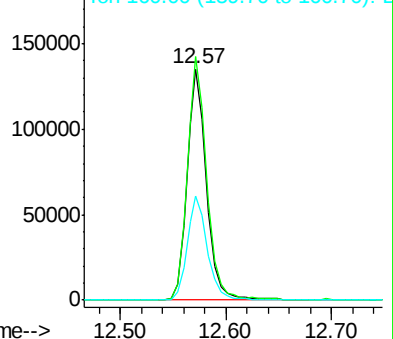
160 45.1 36.2 54.2



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

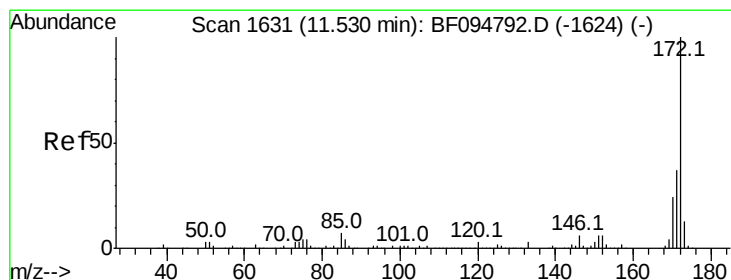
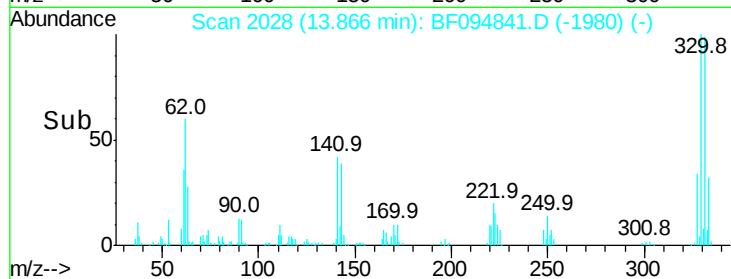
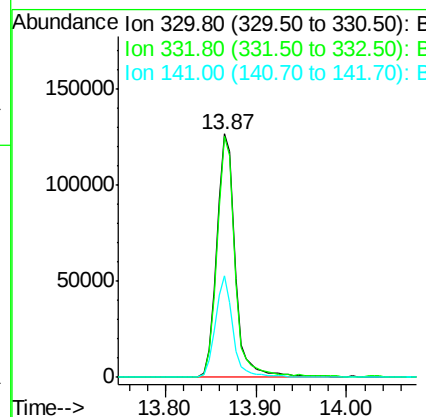
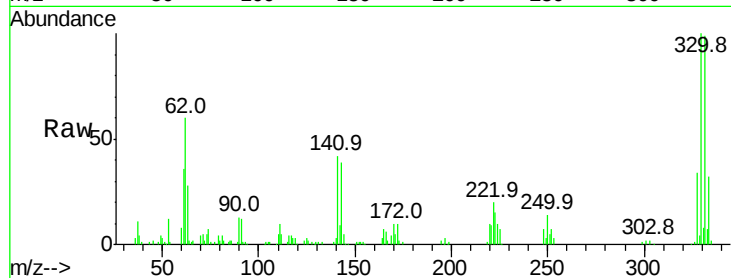




#41
 2,4,6-Tribromophenol
 Concen: 125.95 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

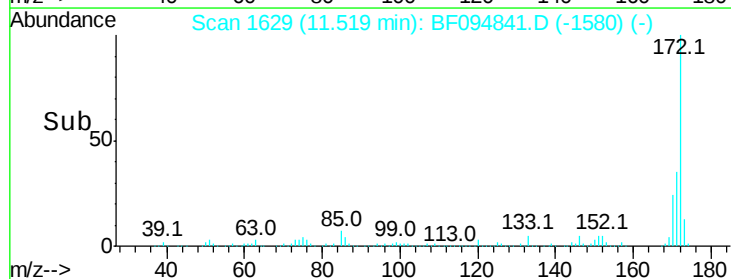
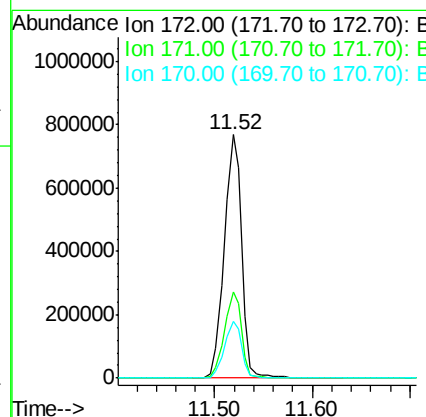
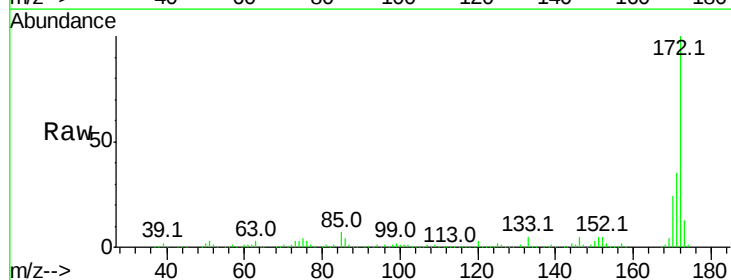
Instrument :
 BNA_F
 ClientSampleId :

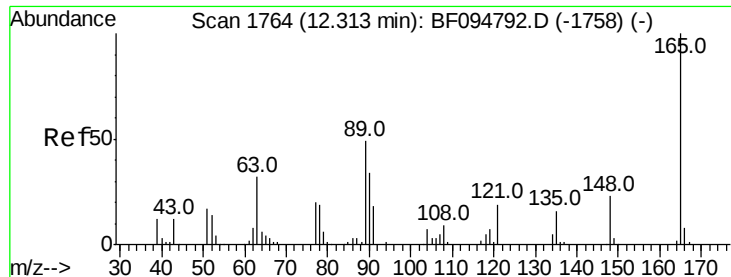
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 78.63 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.5	19.8	29.8

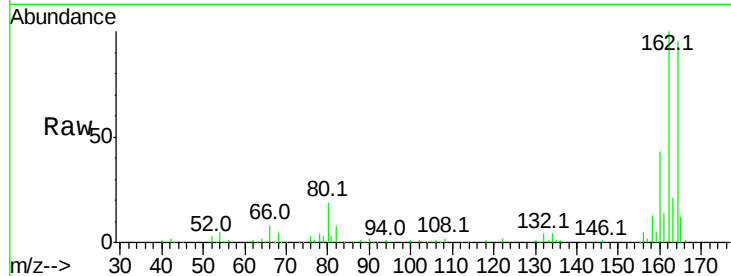




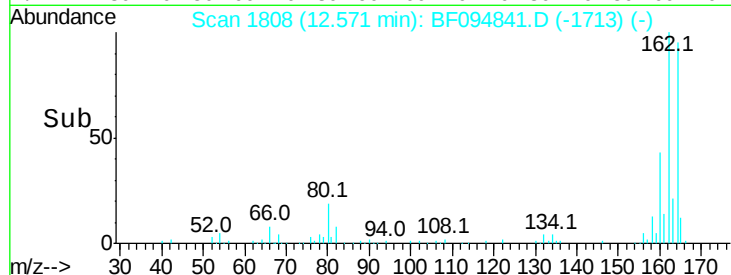
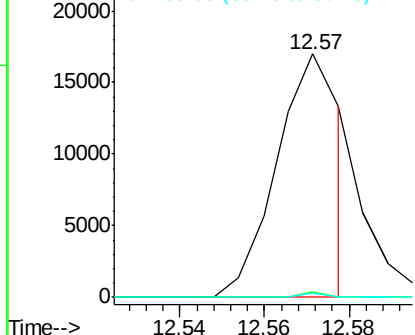
#50
 2,6-Dinitrotoluene
 Concen: 6.10 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17750
 Ion Ratio Lower Upper
 165 100
 63 2.1 34.3 51.5#
 89 1.8 37.1 55.7#

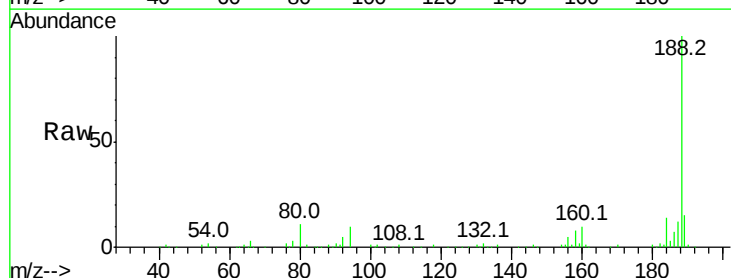


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

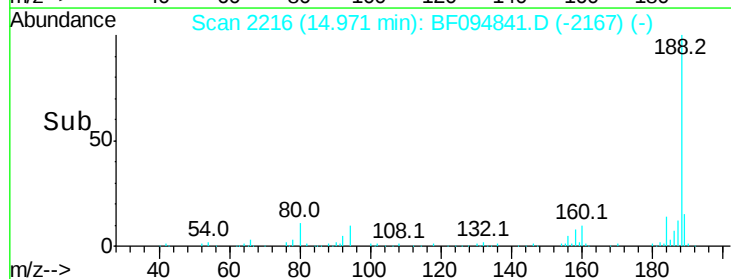
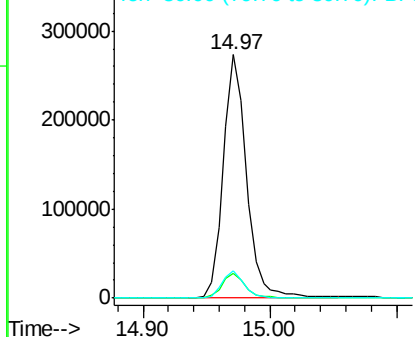


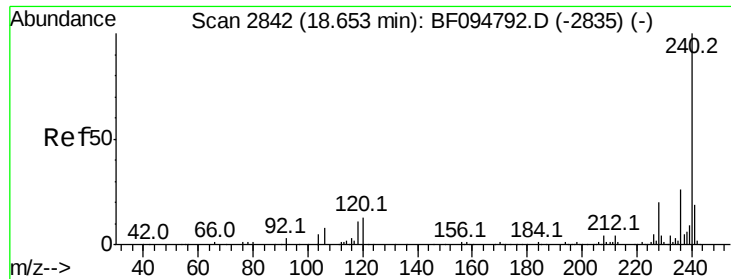
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion:188 Resp: 349423
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.0 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

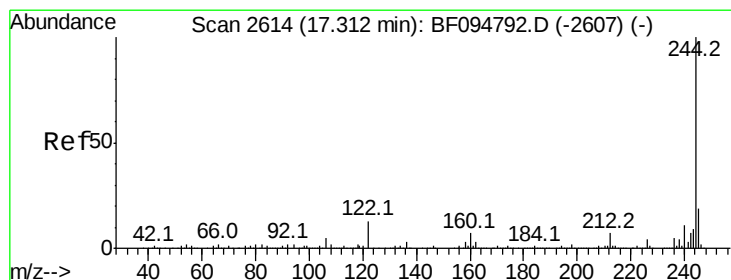
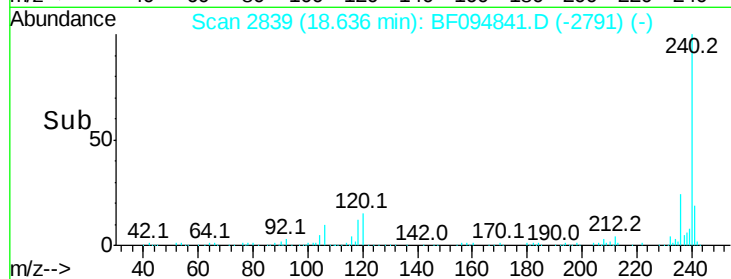
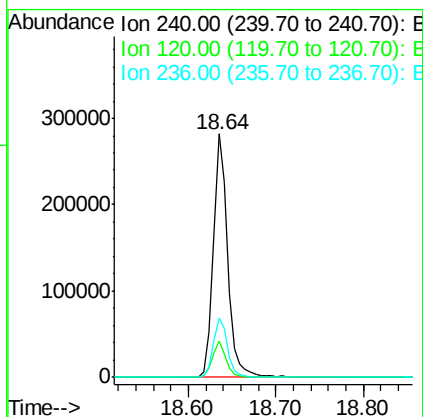
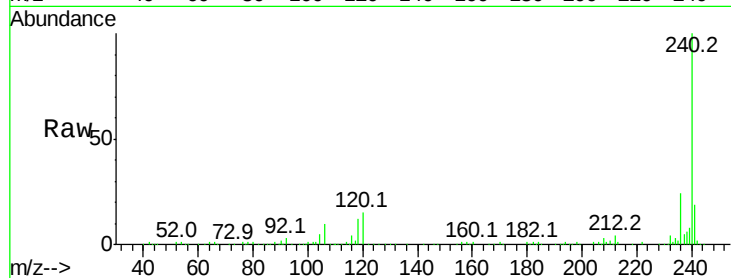




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

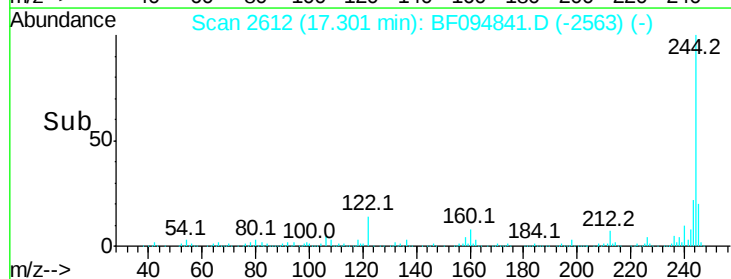
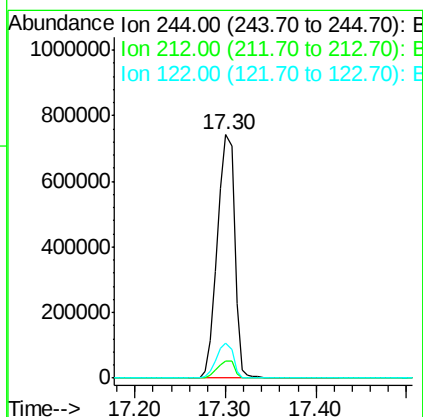
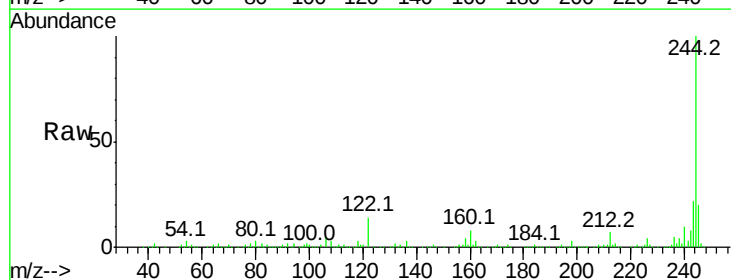
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 323744
 Ion Ratio Lower Upper
 240 100
 120 14.7 5.8 8.8#
 236 24.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 66.63 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion:244 Resp: 979302
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5

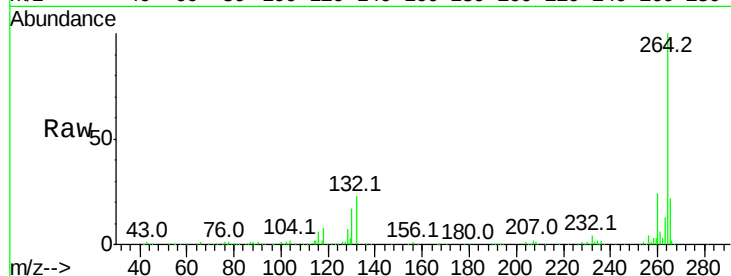




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	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

