

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094887.D
 Acq On : 4 May 2017 22:15
 Operator : SJ/MA
 Sample : I2916-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:25:51 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

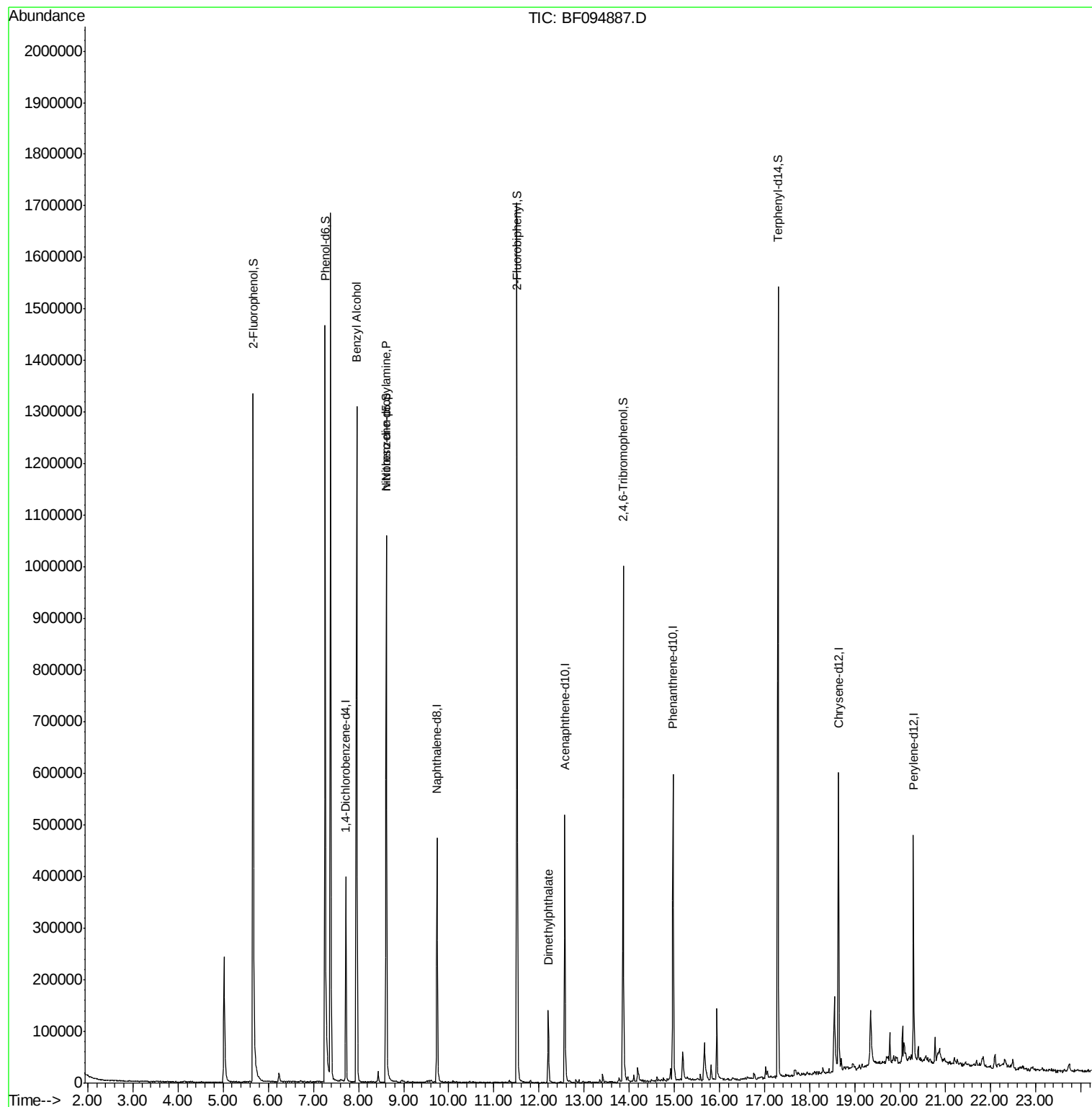
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79396	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	326033	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	158607	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303761	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	256178	20.00	ng	-0.02
86) Perylene-d12	20.29	264	193841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	627465	131.76	ng	-0.01
7) Phenol-d6	7.26	99	807110	141.25	ng	-0.02
23) Nitrobenzene-d5	8.62	82	474013	91.68	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	168447	129.68	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	728819	66.14	ng	-0.02
78) Terphenyl-d14	17.29	244	579525	49.83	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.95	79	9355	2.55	ng	# 49
19) n-Nitroso-di-n-propylamine	8.62	70	60170	15.57	ng	# 75
49) Dimethylphthalate	12.21	163	89423	6.87	ng	99

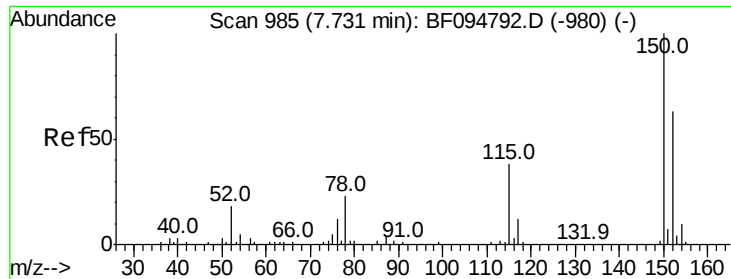
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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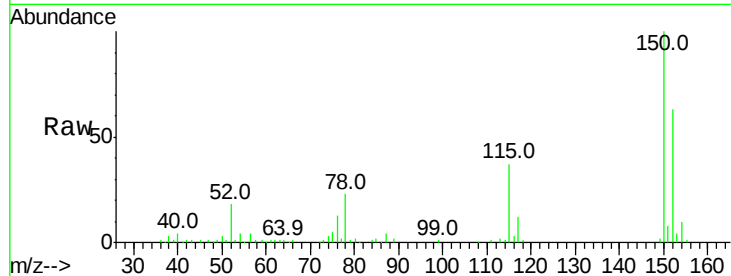


#1

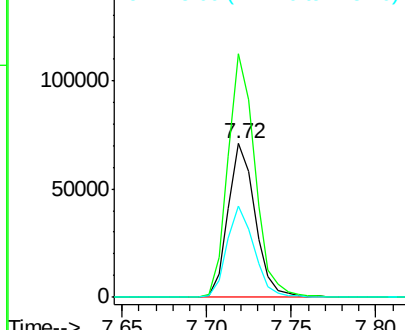
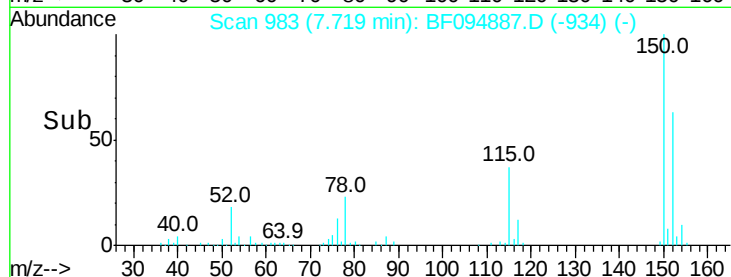
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094887.D
Acq: 4 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79396
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 59.3 52.2 78.2



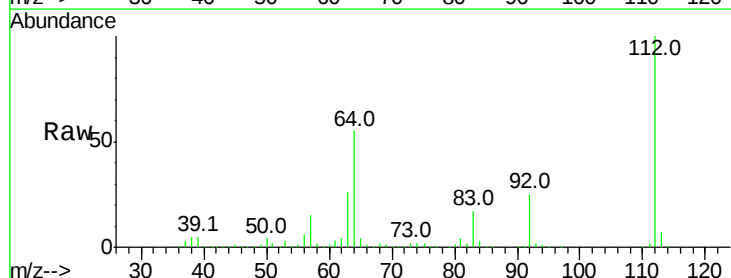
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



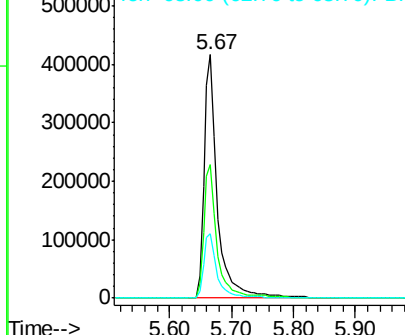
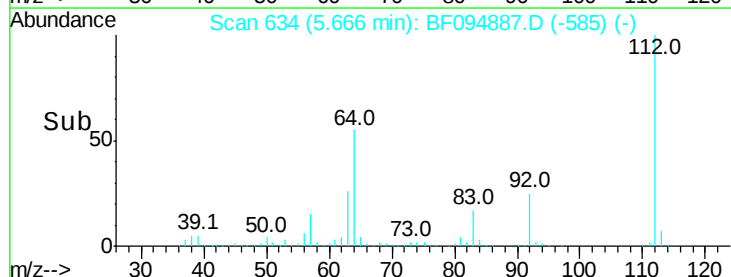
#5

2-Fluorophenol
Concen: 131.76 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094887.D
Acq: 4 May 2017 22:15

Tgt Ion:112 Resp: 627465
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.4 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: 141.25 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094887.D

Acq: 4 May 2017 22:15

Instrument :

BNA_F

ClientSampled :

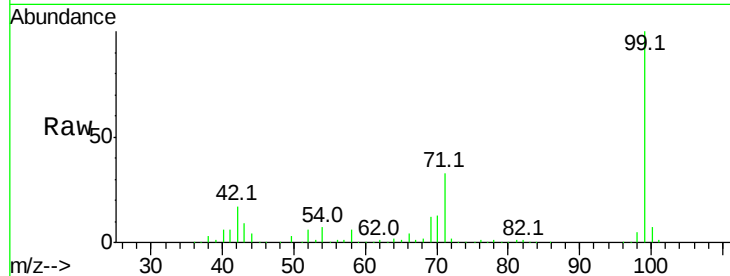
Tot Ion: 99 Resp: 807110

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

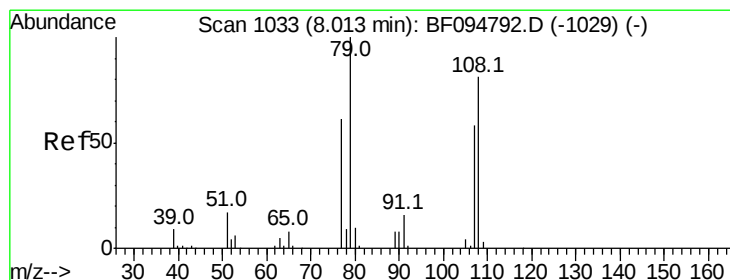
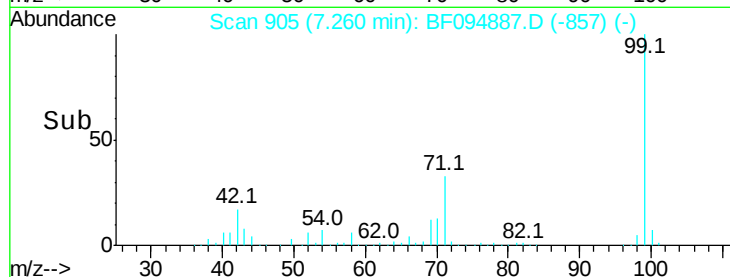
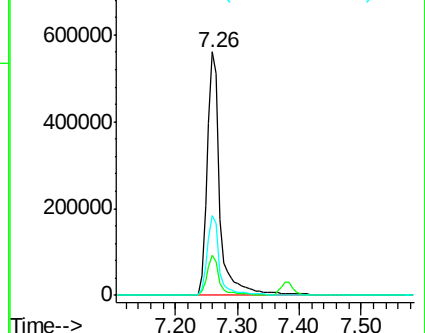
71 32.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 7.95 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF094887.D

Acq: 4 May 2017 22:15

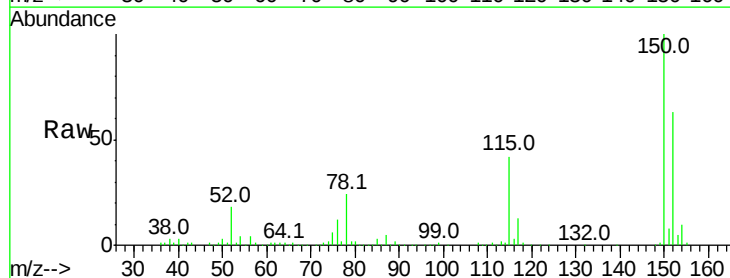
Tgt Ion: 79 Resp: 9355

Ion Ratio Lower Upper

79 100

108 33.5 63.4 95.0#

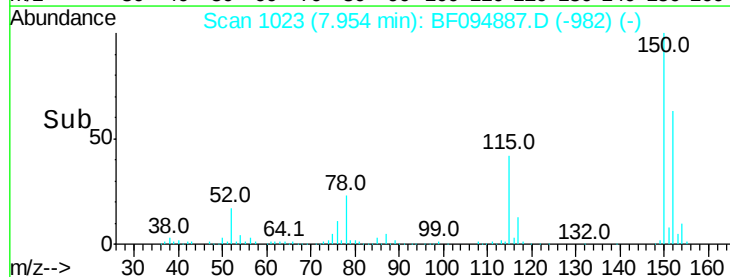
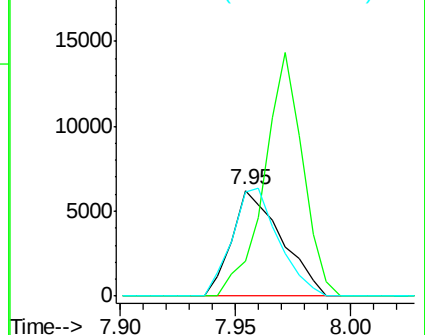
77 99.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.57 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094887.D

Acq: 4 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60170

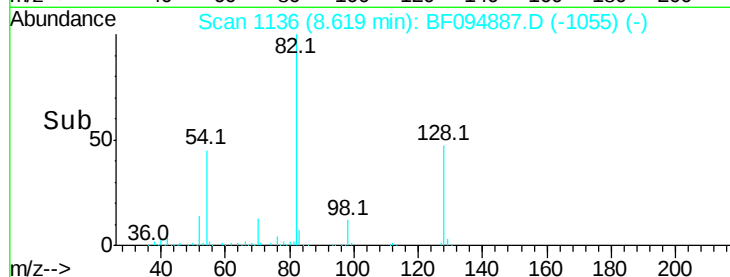
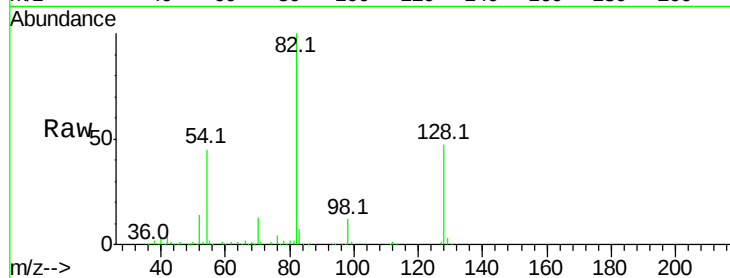
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

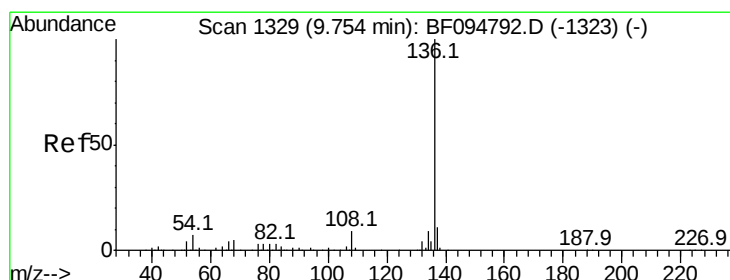
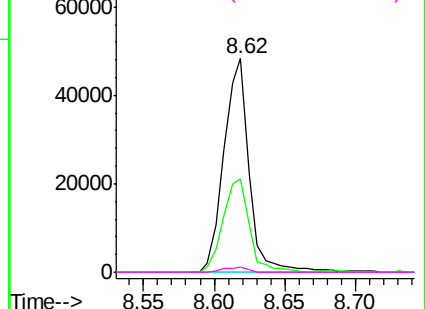


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094887.D

Acq: 4 May 2017 22:15

Tgt Ion: 136 Resp: 326033

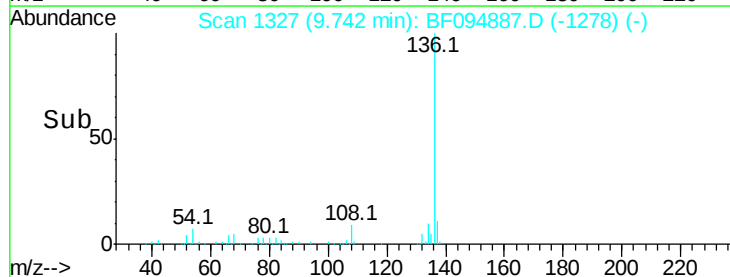
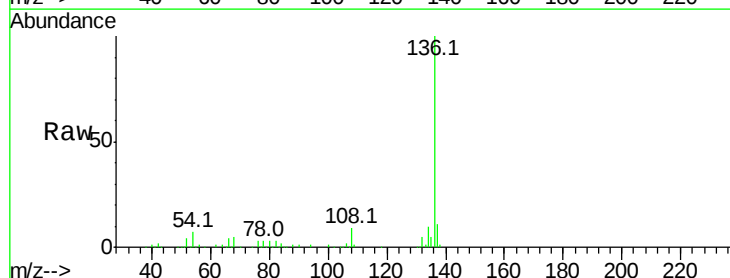
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.8 4.9 7.3

68 4.9 4.1 6.1

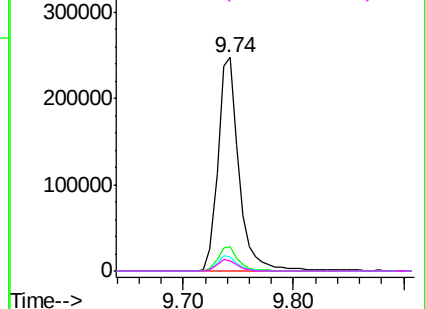


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

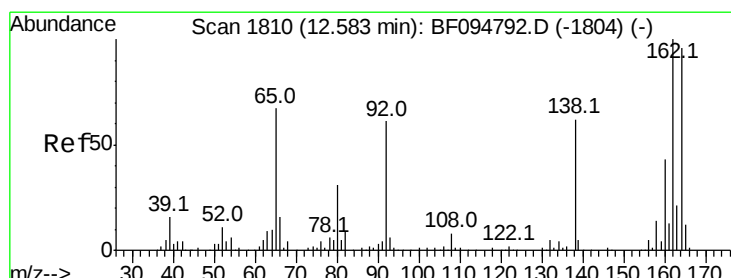
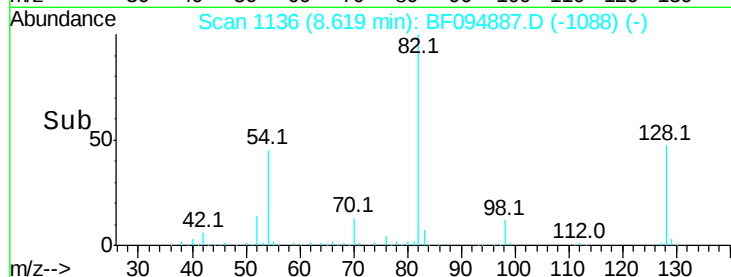
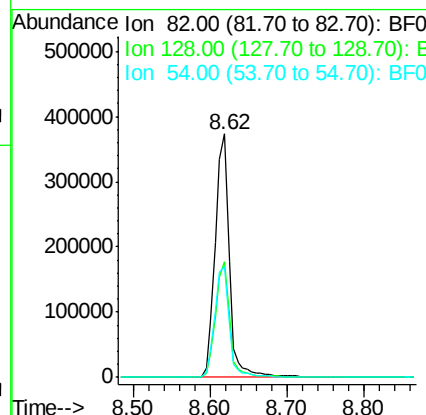
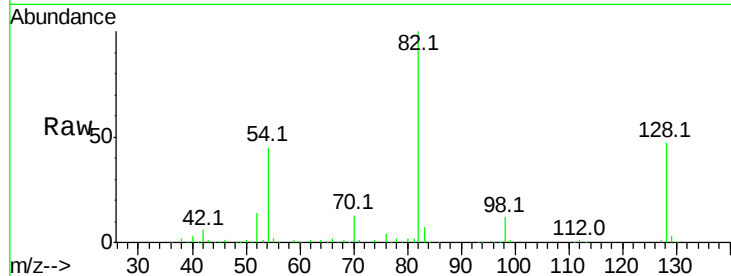




#23
 Nitrobenzene-d5
 Concen: 91.68 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094887.D
 Acq: 4 May 2017 22:15

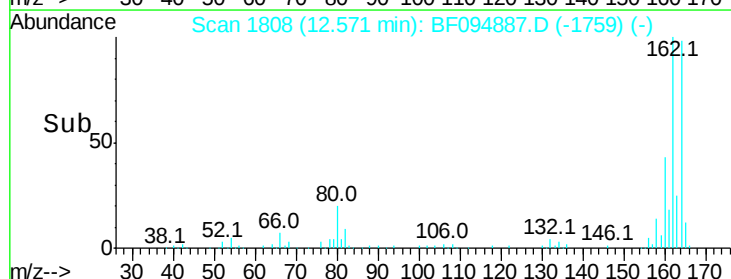
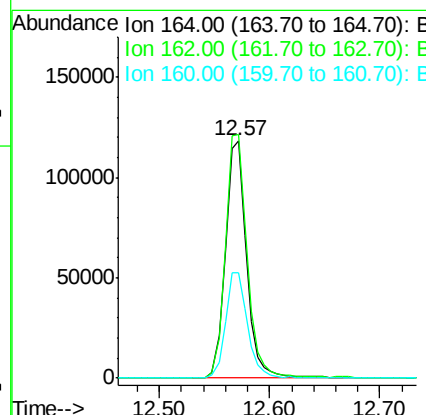
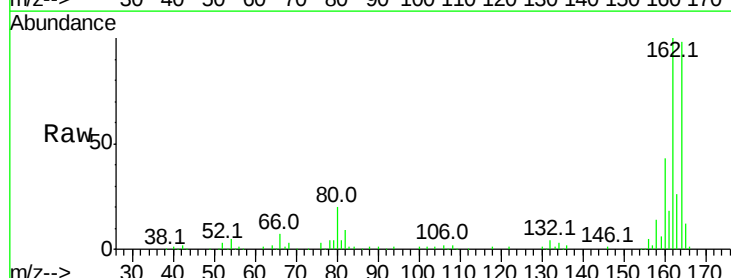
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 474013
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 45.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094887.D
 Acq: 4 May 2017 22:15

Tgt Ion:164 Resp: 158607
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 44.2 36.2 54.2

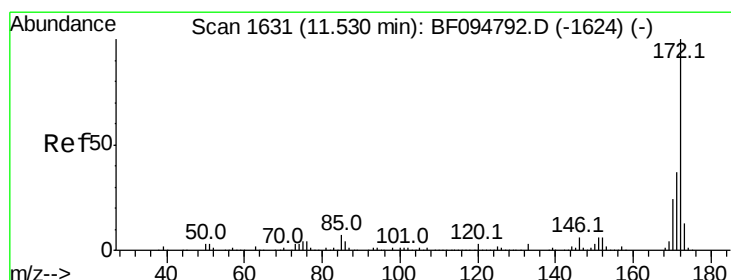
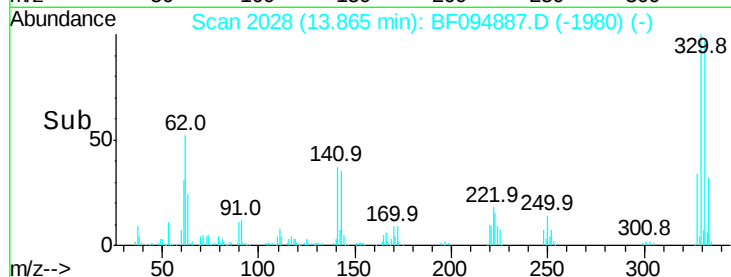
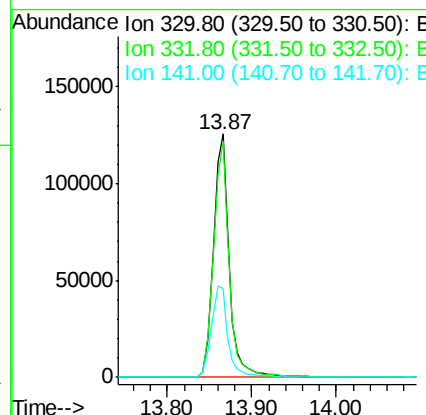
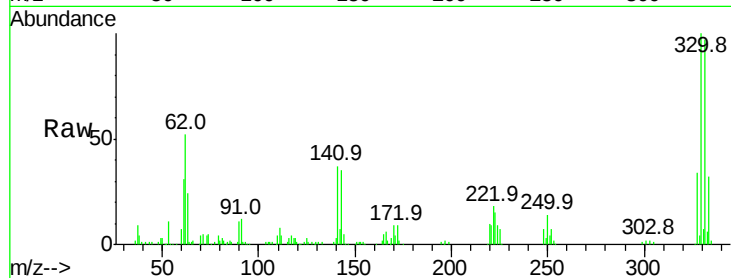




#41
 2,4,6-Tribromophenol
 Concen: 129.68 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094887.D
 Acq: 4 May 2017 22:15

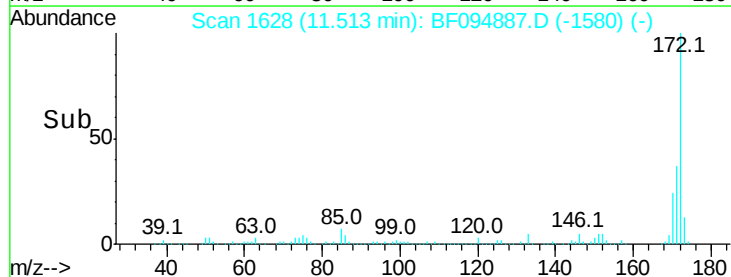
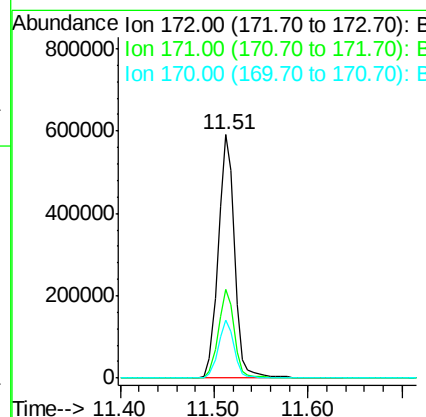
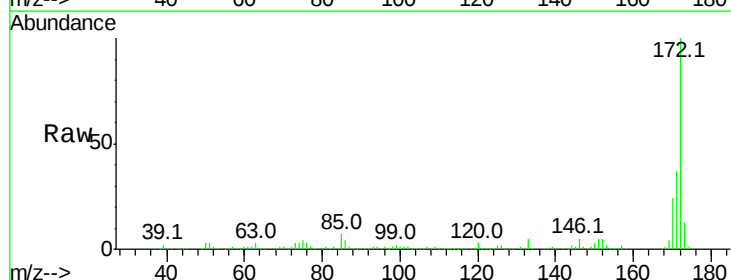
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 66.14 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094887.D
 Acq: 4 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8





#49

Dimethylphthalate

Concen: 6.87 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094887.D

Acq: 4 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

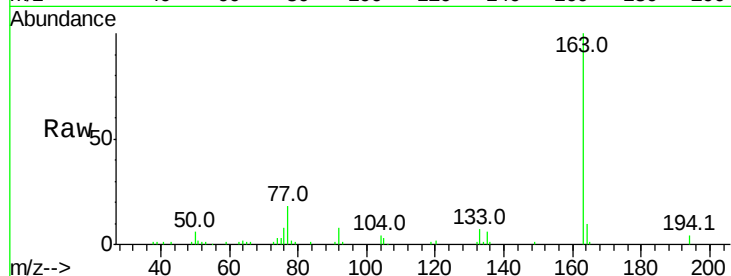
Tot Ion:163 Resp: 89423

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

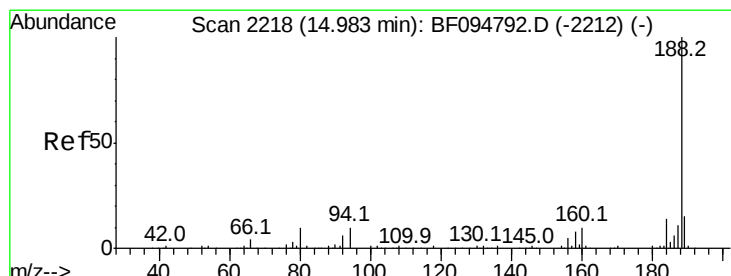
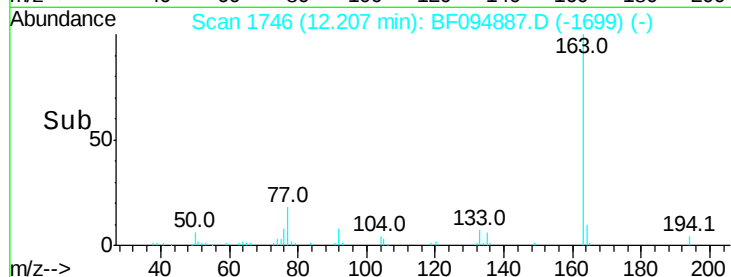
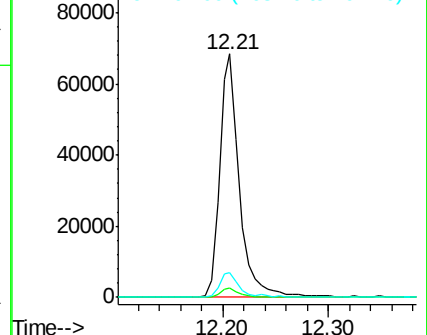
164 10.2 8.4 12.6



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: BF094887.D

Acq: 4 May 2017 22:15

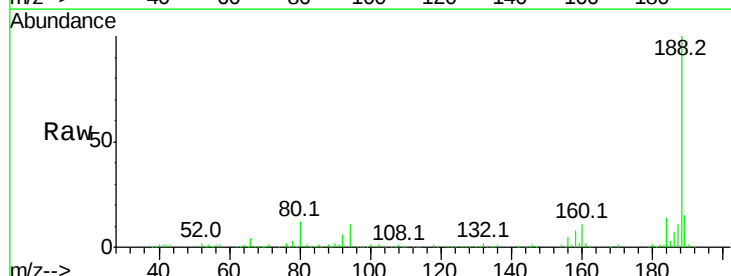
Tgt Ion:188 Resp: 303761

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

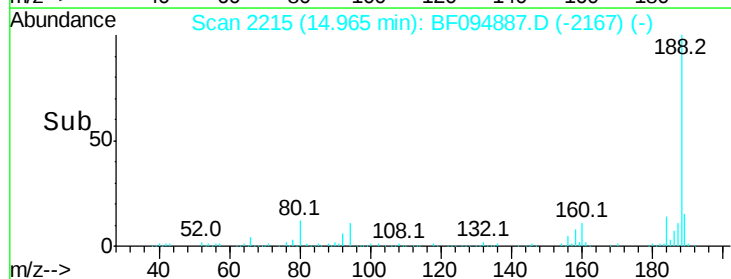
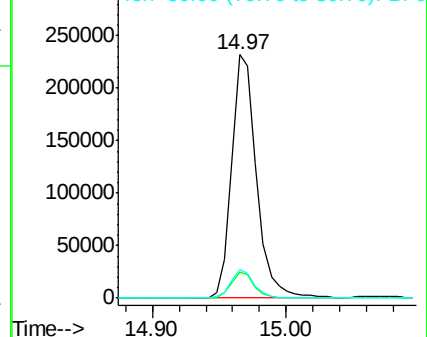
80 11.6 10.2 15.2



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: BF094887.D

Acq: 4 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

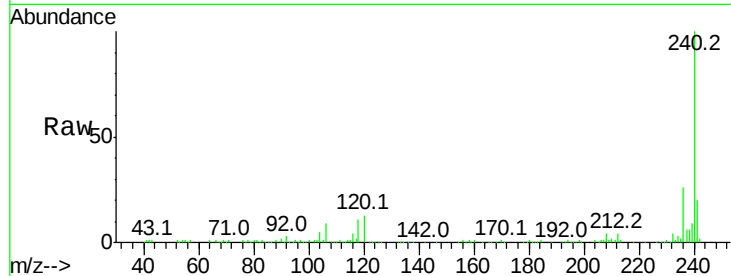
Tot Ion:240 Resp: 256178

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

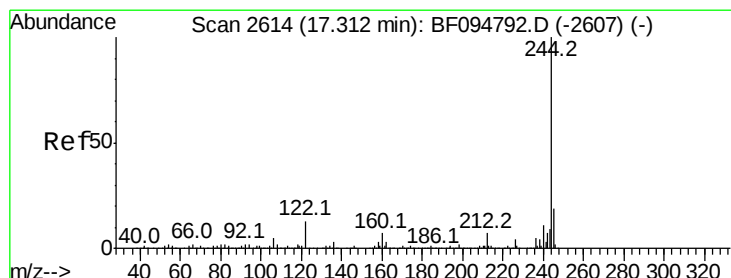
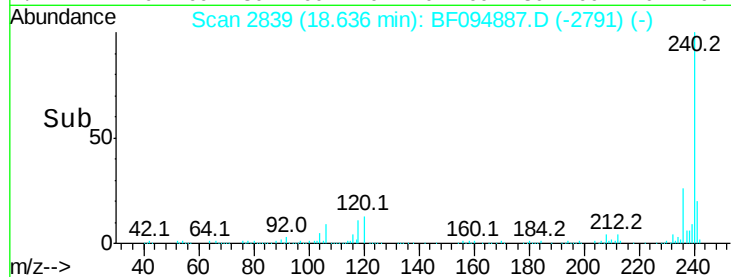
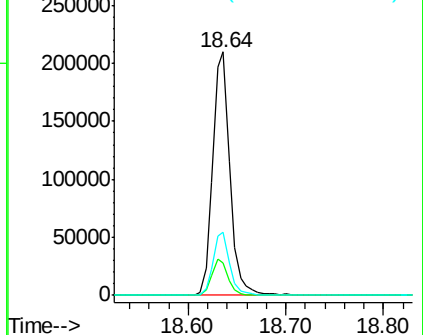
236 25.8 20.5 30.7



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: 49.83 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094887.D

Acq: 4 May 2017 22:15

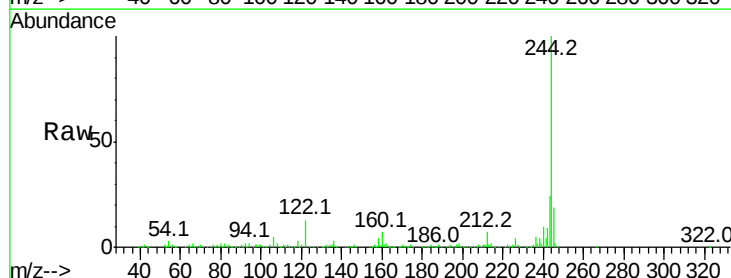
Tgt Ion:244 Resp: 579525

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

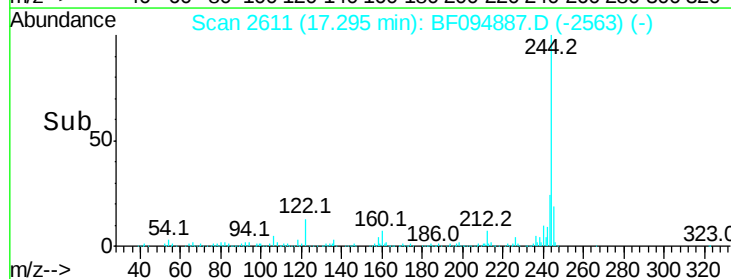
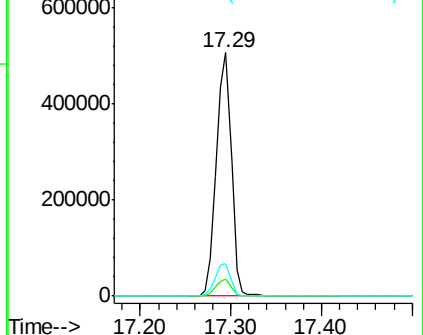
122 13.4 10.3 15.5



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

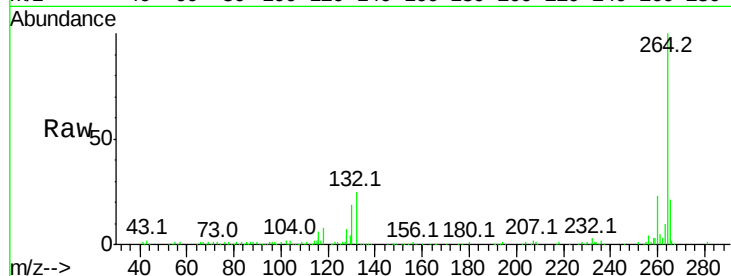




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF094887.D
 Acq: 4 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

