

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094905.D
 Acq On : 5 May 2017 8:32
 Operator : SJ/MA
 Sample : I2932-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 11:51:53 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

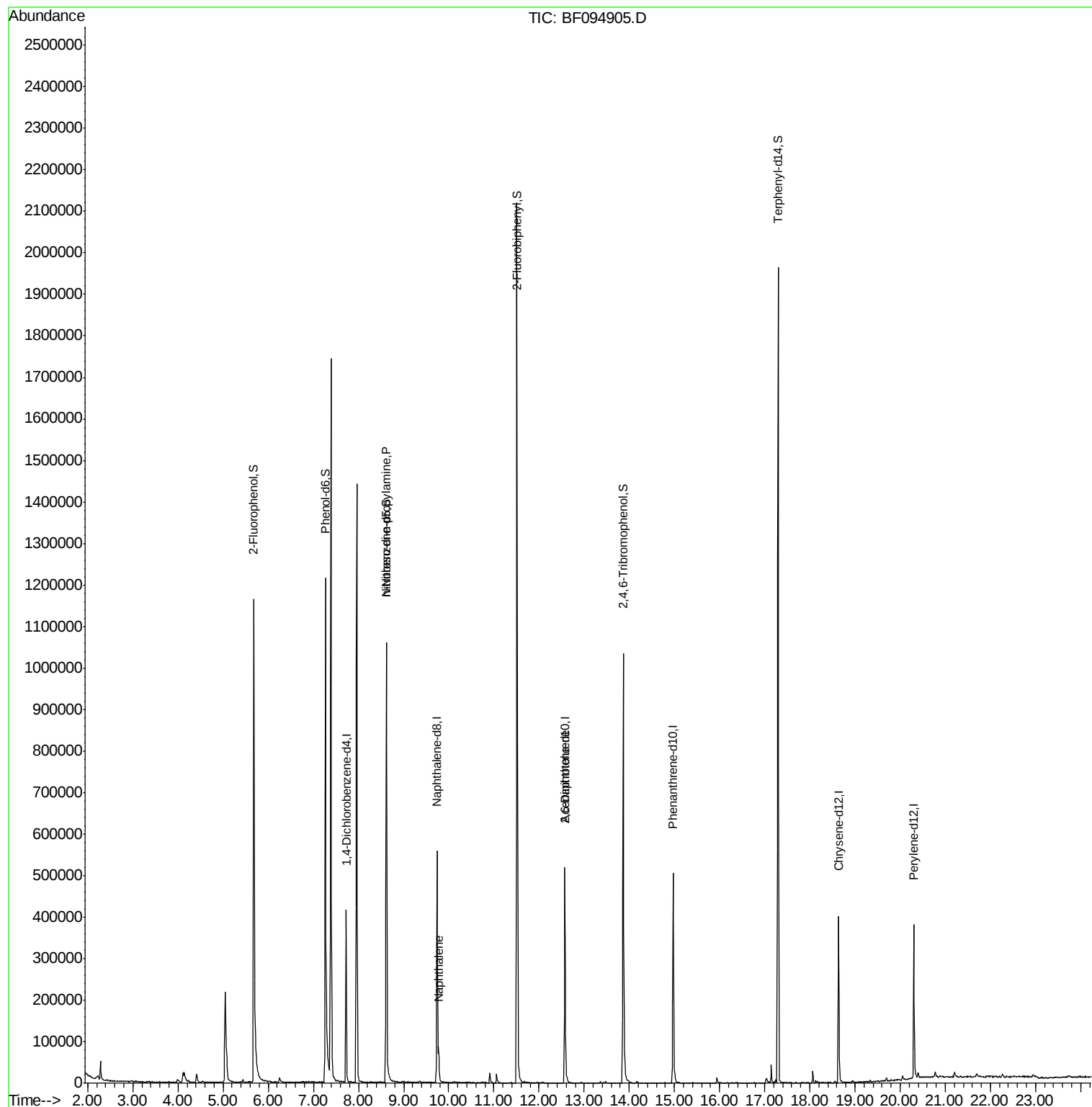
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	85906	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	365323	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	167312	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	289040	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	188262	20.00	ng	-0.02
86) Perylene-d12	20.30	264	180178	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	607735	117.95	ng	0.00
7) Phenol-d6	7.27	99	691311	111.82	ng	-0.01
23) Nitrobenzene-d5	8.62	82	488736	84.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	184095	134.35	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	994052	85.52	ng	-0.01
78) Terphenyl-d14	17.30	244	785373	91.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	62011	14.83	ng	# 76
31) Naphthalene	9.78	128	55719	3.03	ng	97
50) 2,6-Dinitrotoluene	12.57	165	16884	6.03	ng	# 31

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

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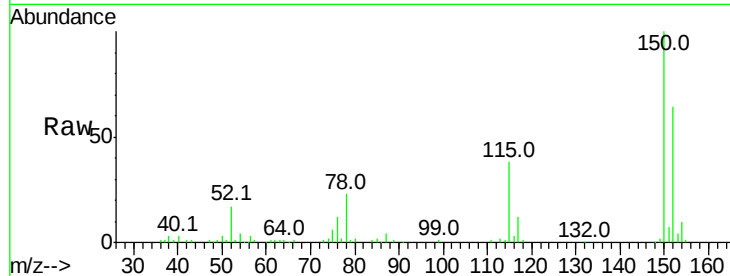


#1

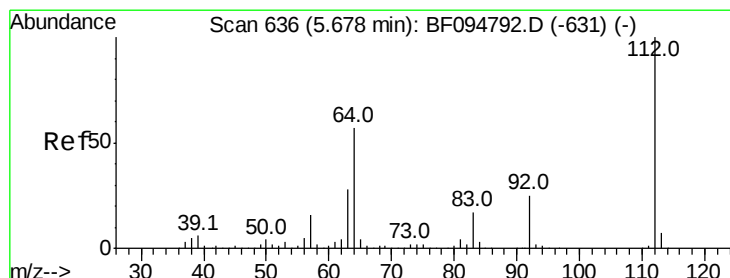
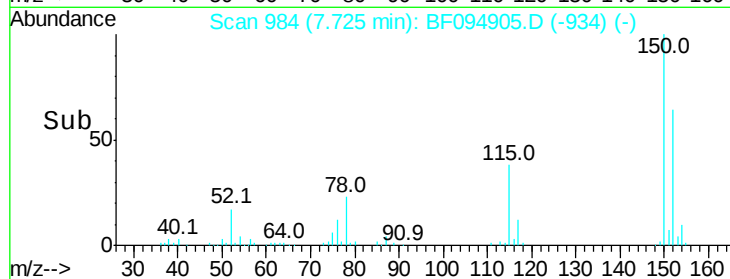
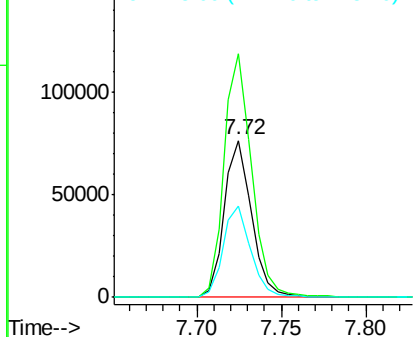
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094905.D
Acq: 5 May 2017 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85906
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 58.7 52.2 78.2



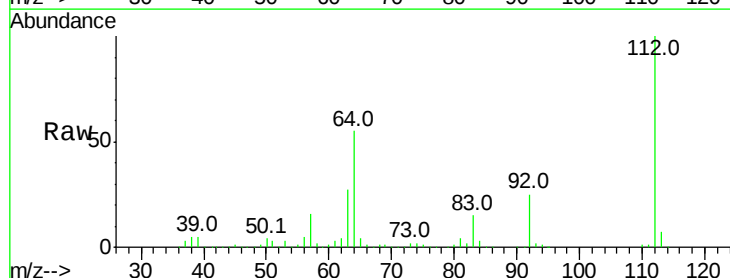
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



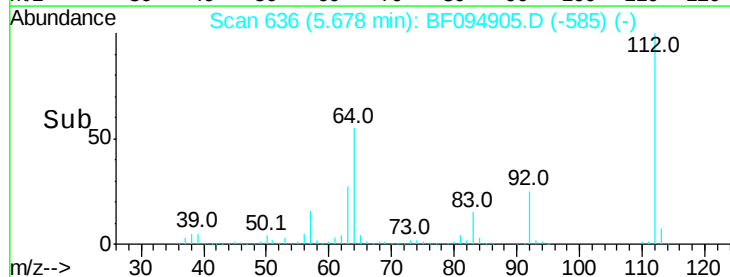
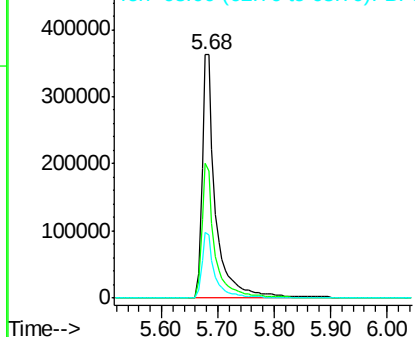
#5

2-Fluorophenol
Concen: 117.95 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094905.D
Acq: 5 May 2017 8:32

Tgt Ion:112 Resp: 607735
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.1 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: 111.82 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094905.D

Acq: 5 May 2017 8:32

Instrument :

BNA_F

ClientSampleId :

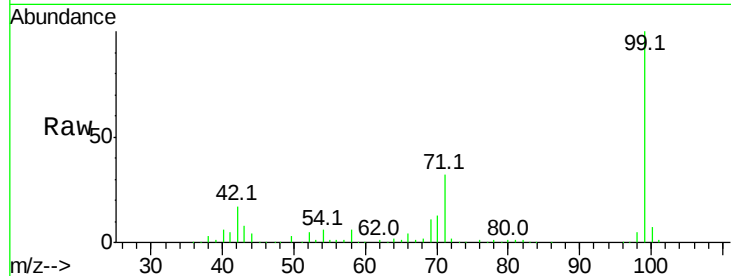
Tot Ion: 99 Resp: 691311

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

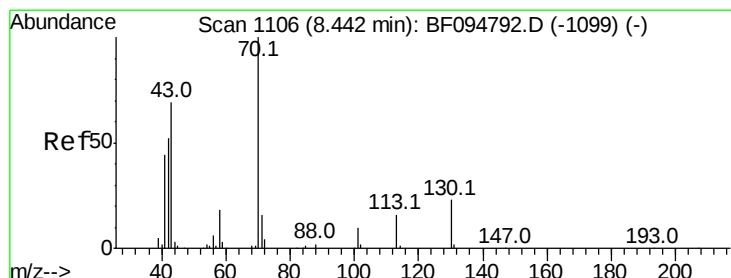
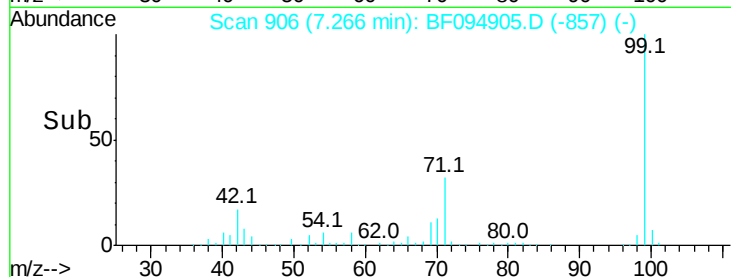
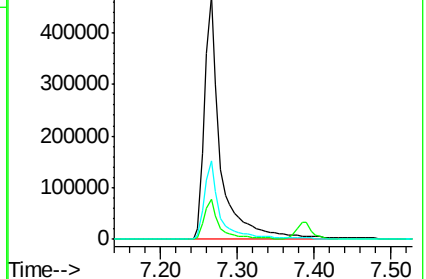
71 32.2 24.5 36.7



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: 14.83 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094905.D

Acq: 5 May 2017 8:32

Tgt Ion: 70 Resp: 62011

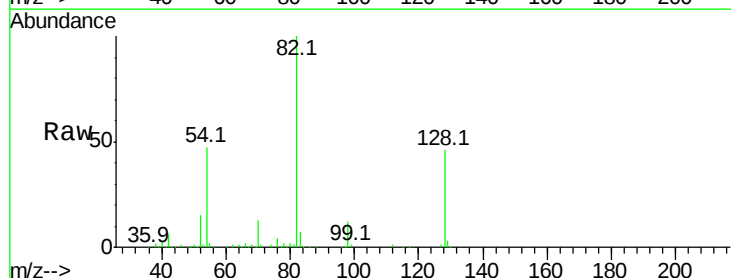
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

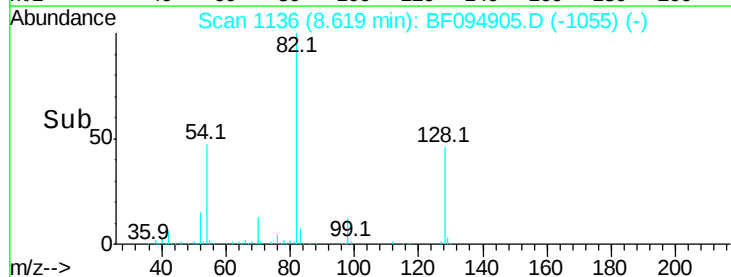
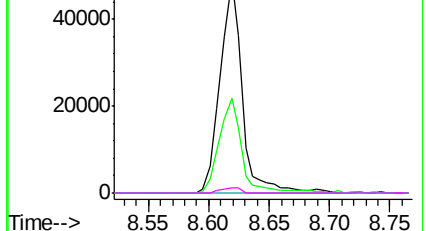


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094905.D

Acq: 5 May 2017 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365323

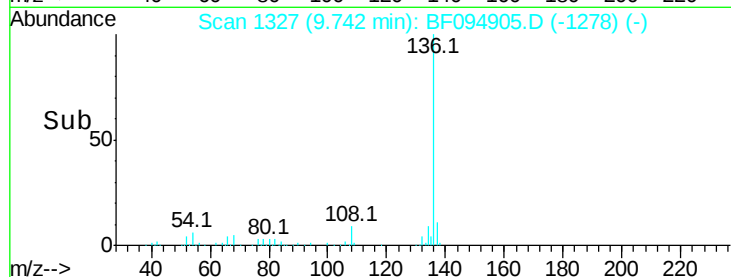
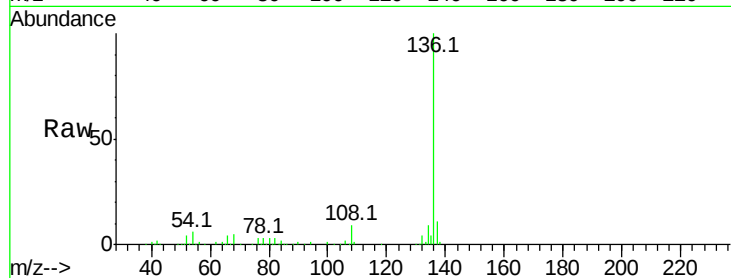
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1

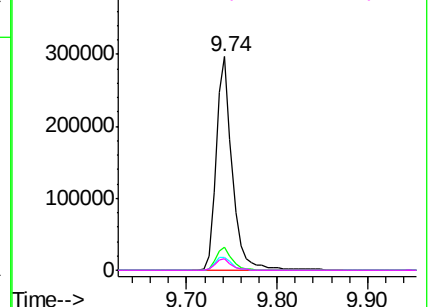


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.36 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094905.D

Acq: 5 May 2017 8:32

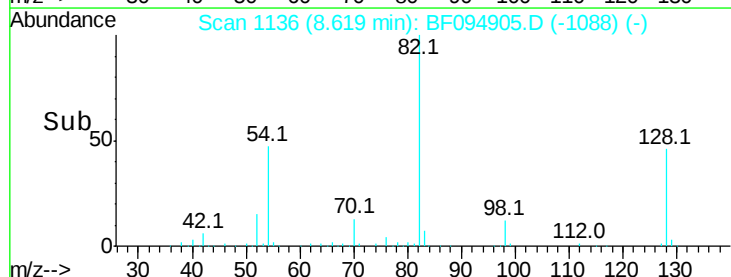
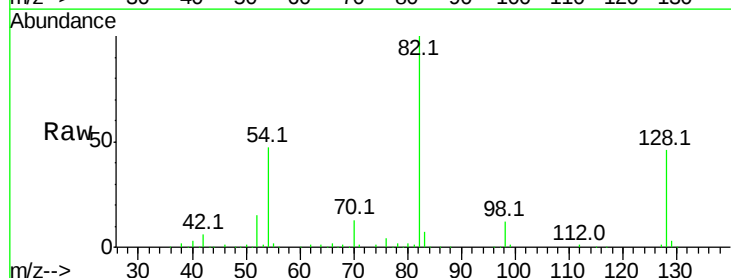
Tgt Ion: 82 Resp: 488736

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

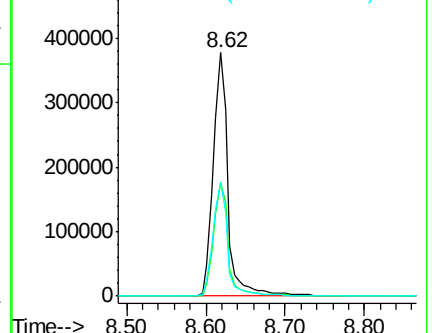
54 47.1 42.2 63.2

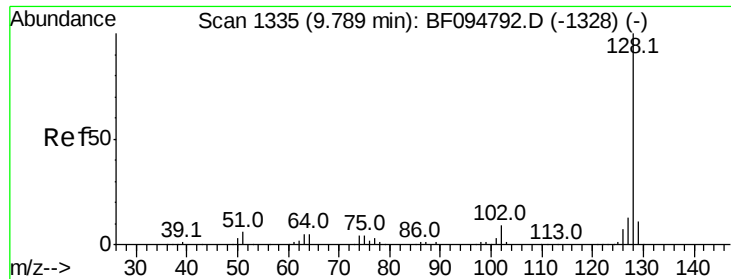


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

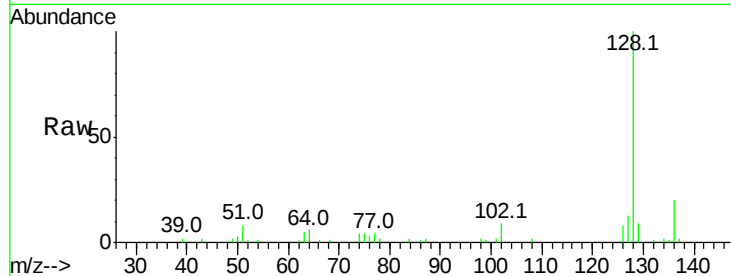




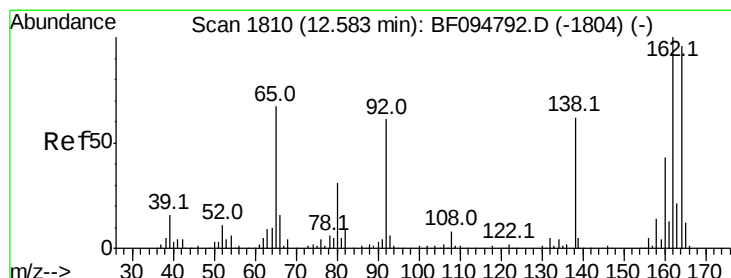
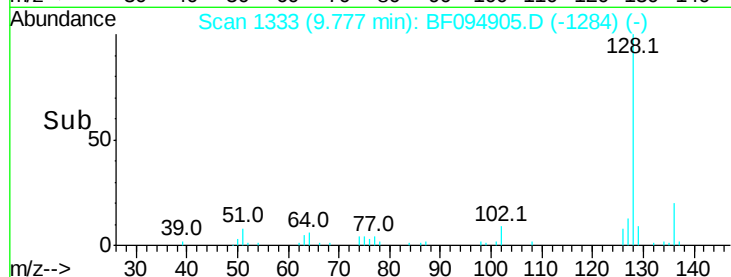
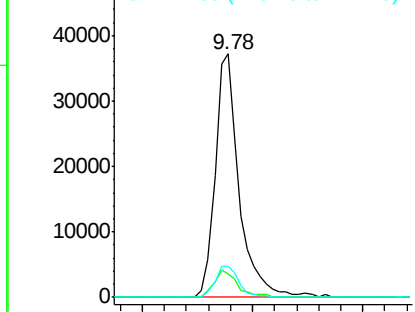
#31
Naphthalene
Concen: 3.03 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094905.D
Acq: 5 May 2017 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 55719
Ion Ratio Lower Upper
128 100
129 9.4 9.0 13.6
127 13.0 10.8 16.2

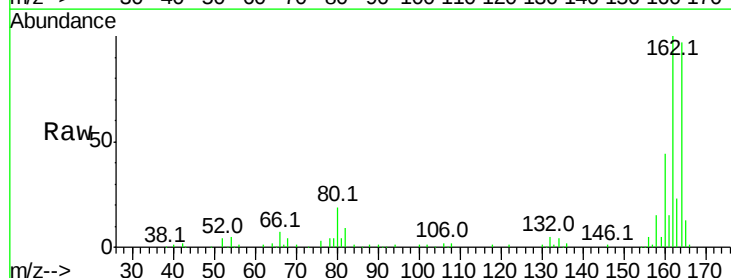


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

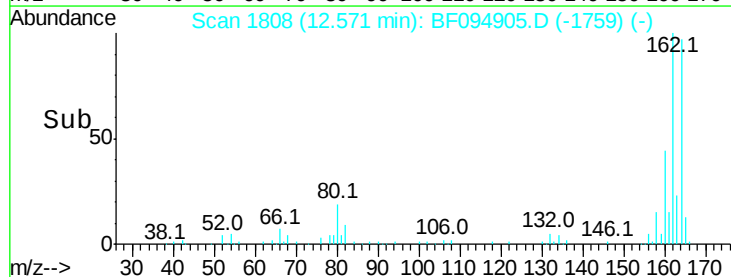
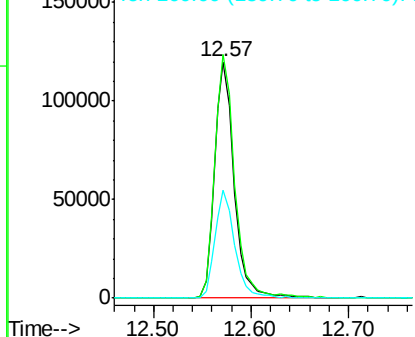


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094905.D
Acq: 5 May 2017 8:32

Tgt Ion:164 Resp: 167312
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.6 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

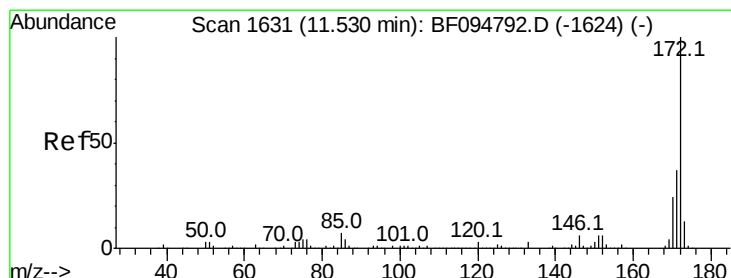
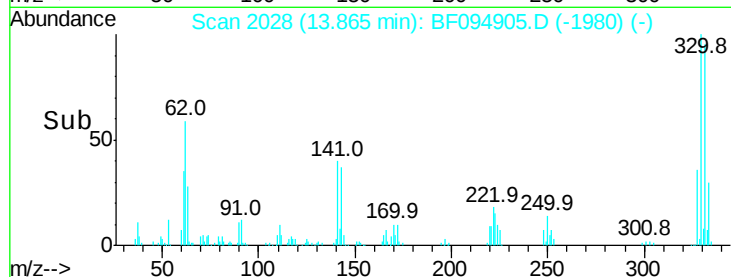
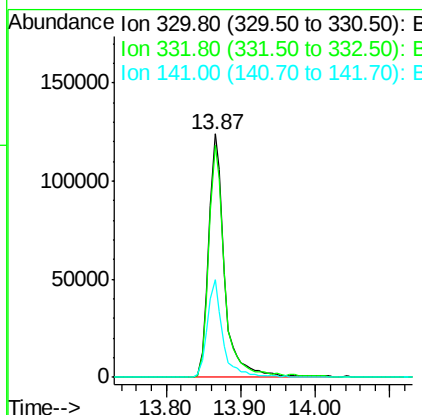
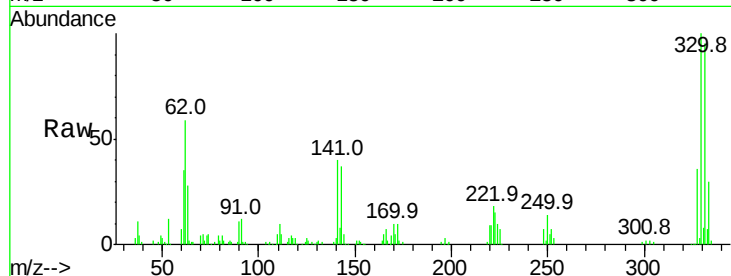




#41
 2,4,6-Tribromophenol
 Concen: 134.35 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

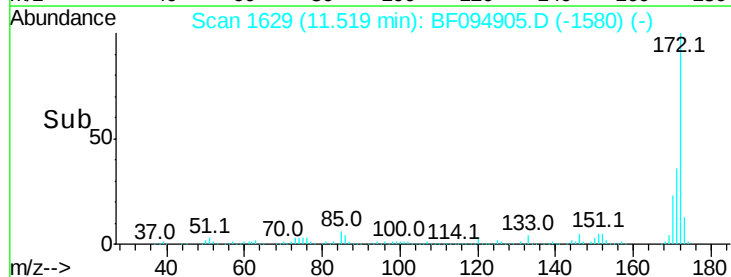
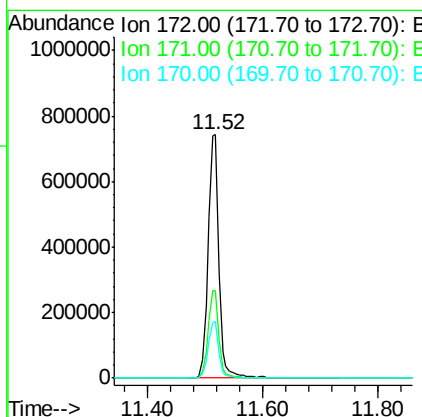
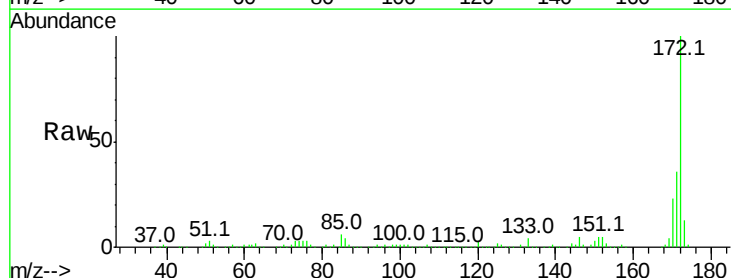
Instrument :
 BNA_F
 ClientSampleId :

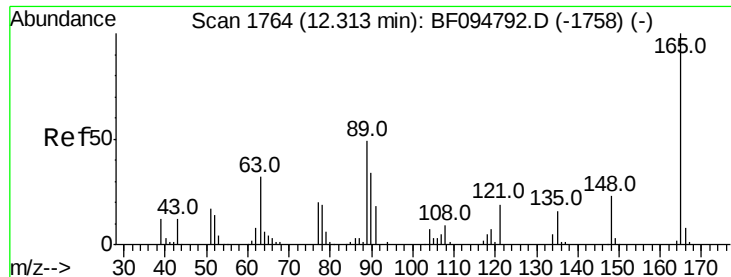
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	38.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	19.8	29.8

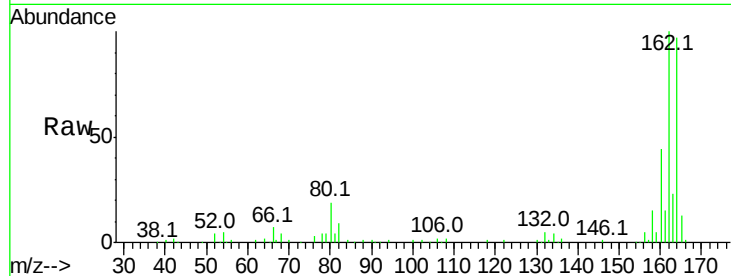




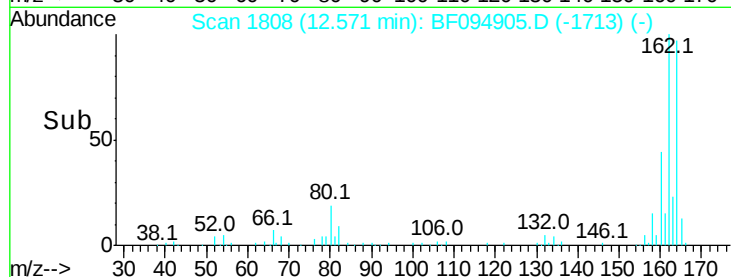
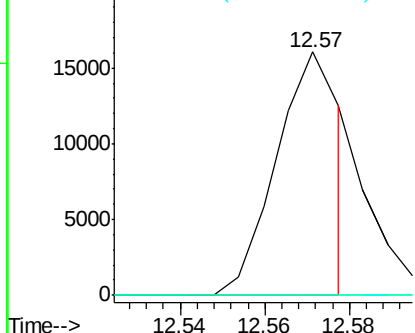
#50
 2,6-Dinitrotoluene
 Concen: 6.03 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16884
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

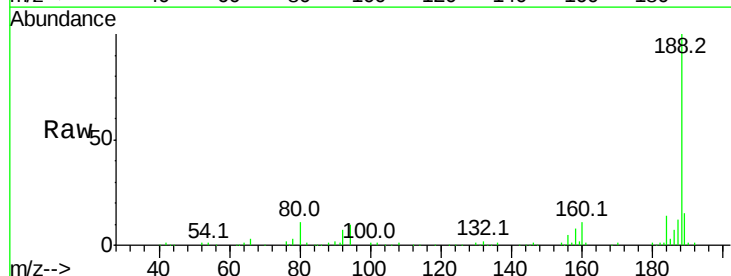


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

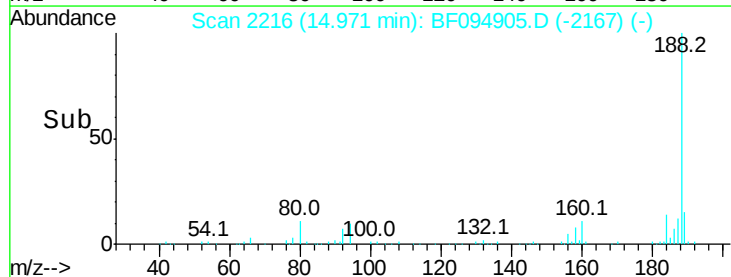
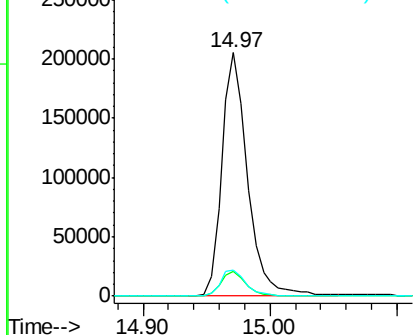


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

Tgt Ion:188 Resp: 289040
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.9 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

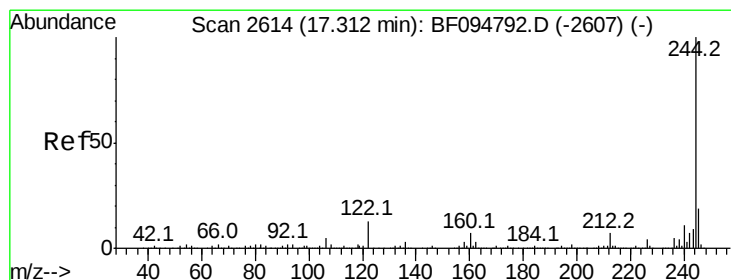
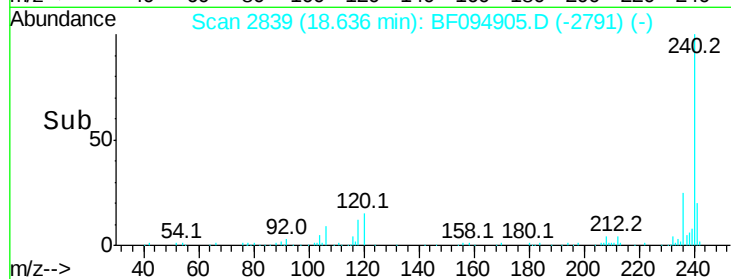
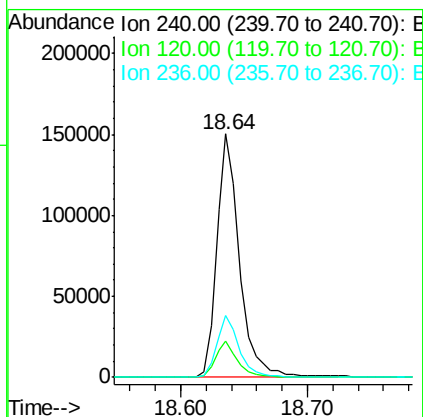
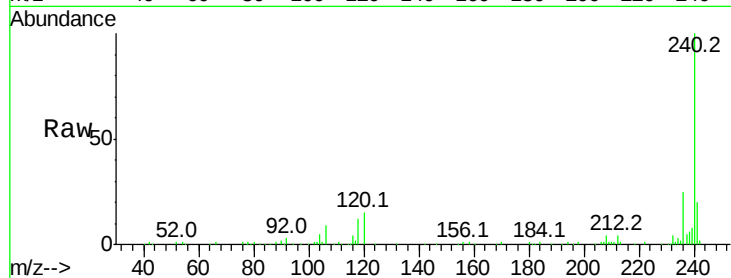




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

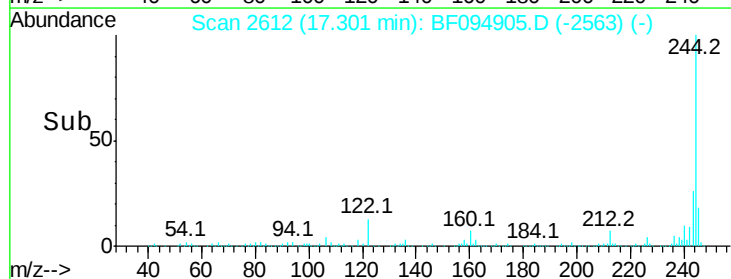
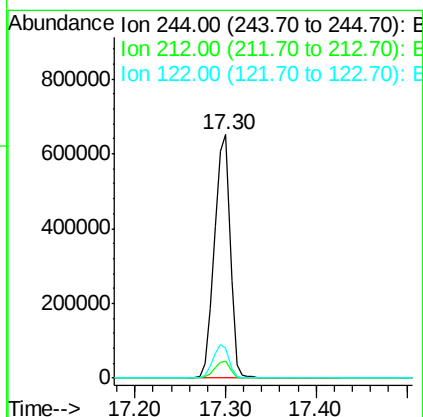
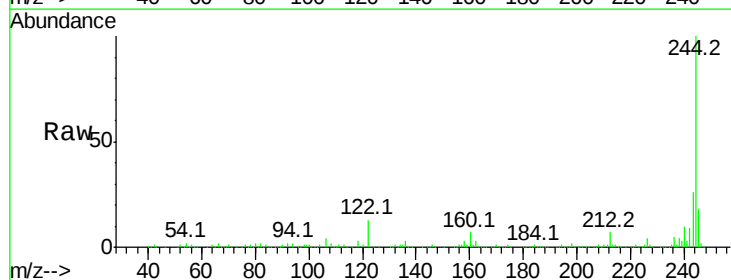
Instrument :
 BNA_F
 ClientSampleId :

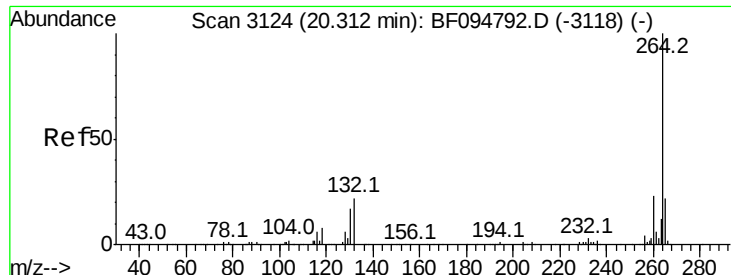
Tot Ion:240 Resp: 188262
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.88 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094905.D
 Acq: 5 May 2017 8:32

Tgt Ion:244 Resp: 785373
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.5 10.3 15.5

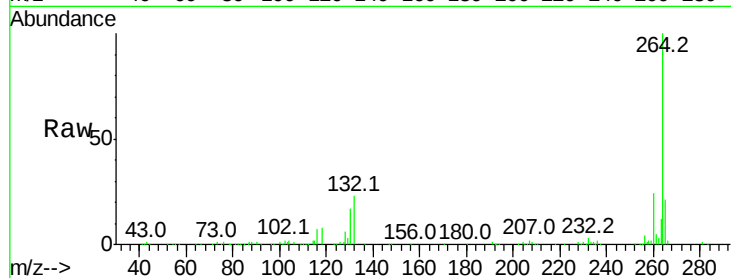




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094905.D
Acq: 5 May 2017 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	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

