

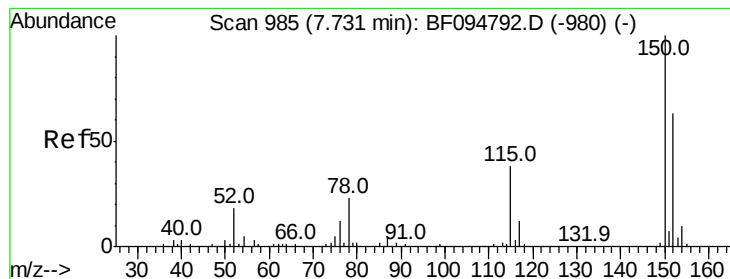
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094853.D
 Acq On : 4 May 2017 1:22
 Operator : SJ/MA
 Sample : I2914-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 04:20:39 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	94962	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	384092	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170396	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	279949	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	186032	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175155	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	828190	145.40	ng	0.00
7) Phenol-d6	7.28	99	998498	146.10	ng	0.00
23) Nitrobenzene-d5	8.62	82	578913	95.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	172527	123.63	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	782570	66.10	ng	-0.01
78) Terphenyl-d14	17.29	244	446025	52.81	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	27806	3.86	ng	98
19) n-Nitroso-di-n-propylamine	8.62	70	75670	16.37	ng	# 75
49) Dimethylphthalate	12.21	163	263440	18.83	ng	100

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

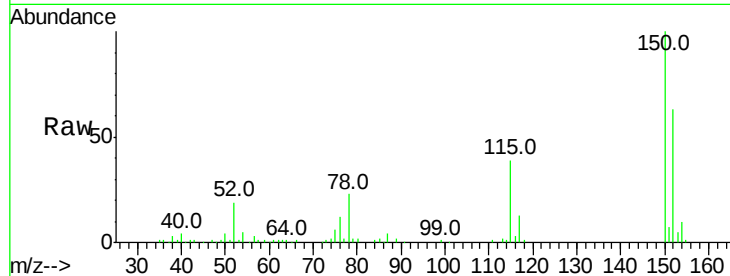


#1

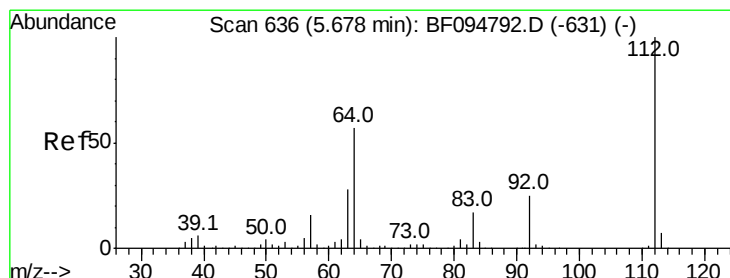
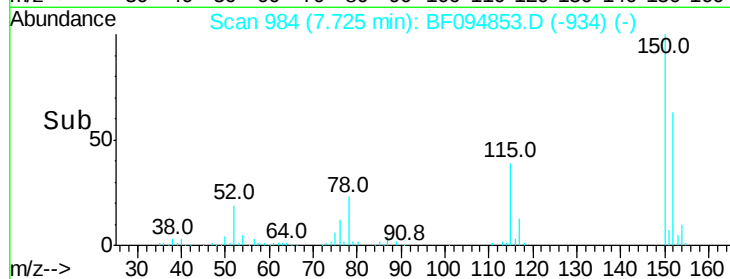
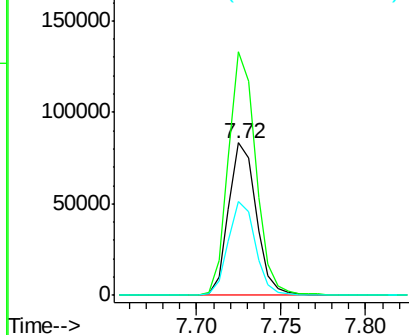
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 94962
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 61.8 52.2 78.2



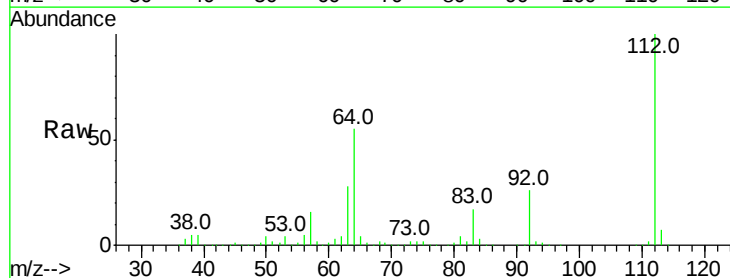
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



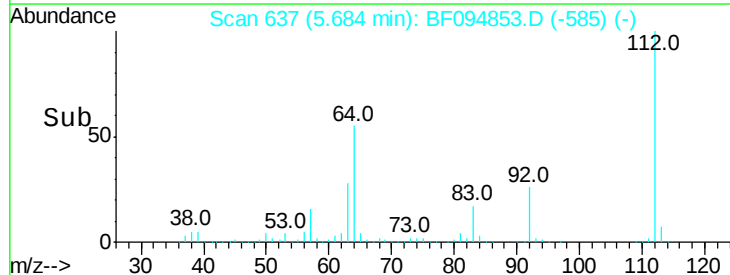
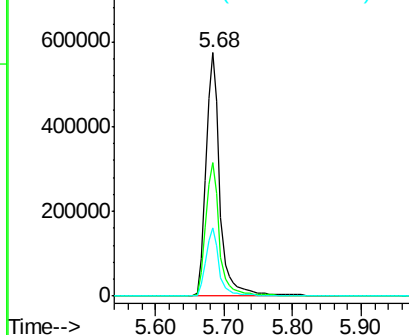
#5

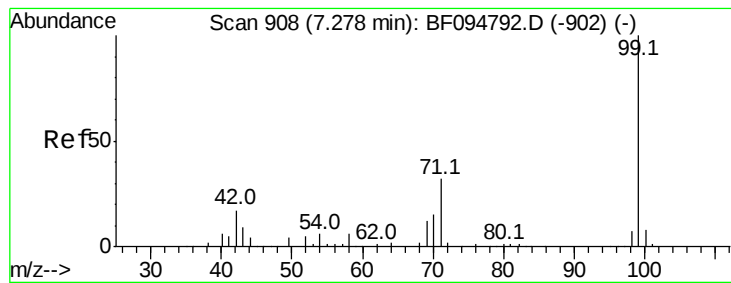
2-Fluorophenol
 Concen: 145.40 ng
 RT: 5.68 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Tgt Ion:112 Resp: 828190
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.0 69.0
 63 27.8 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: 146.10 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampled :

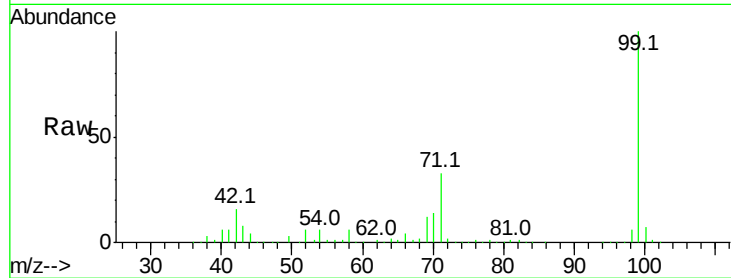
Tot Ion: 99 Resp: 998498

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

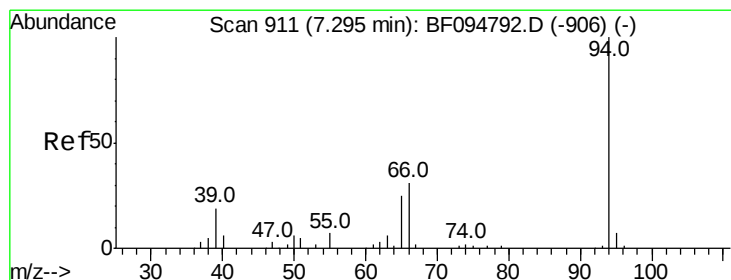
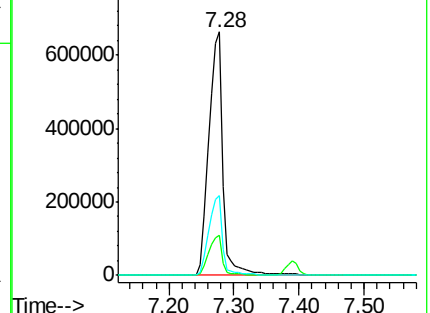
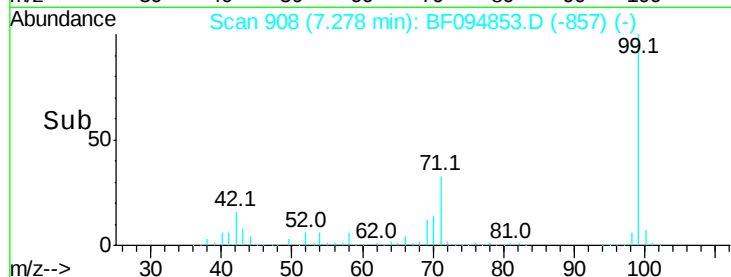
71 32.9 24.5 36.7



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



#10

Phenol

Concen: 3.86 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

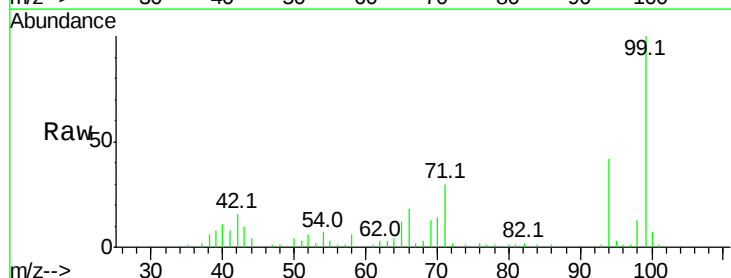
Tgt Ion: 94 Resp: 27806

Ion Ratio Lower Upper

94 100

65 29.1 9.9 49.9

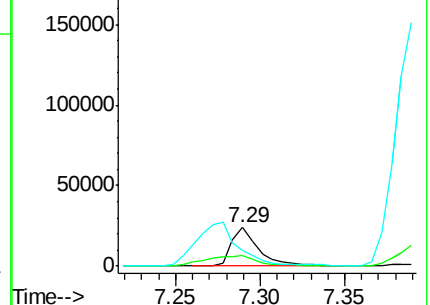
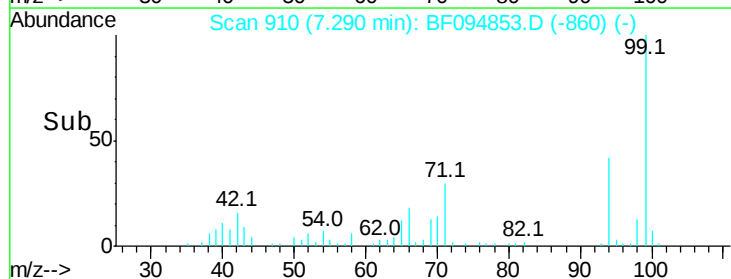
66 42.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

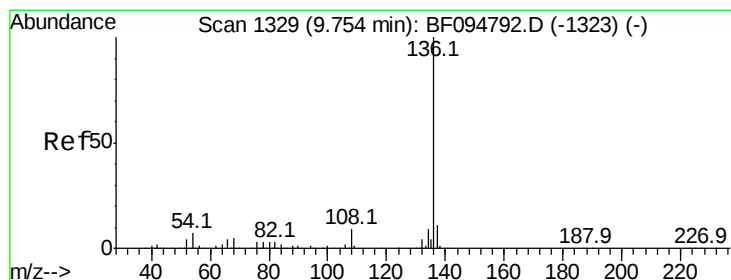
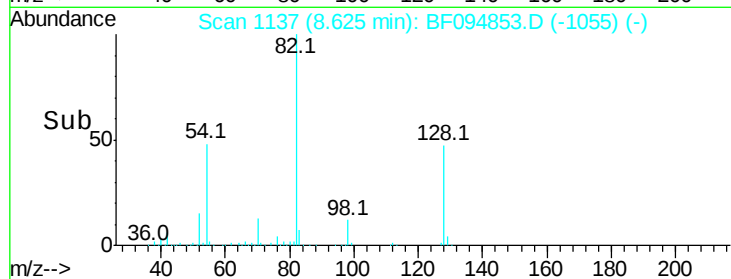
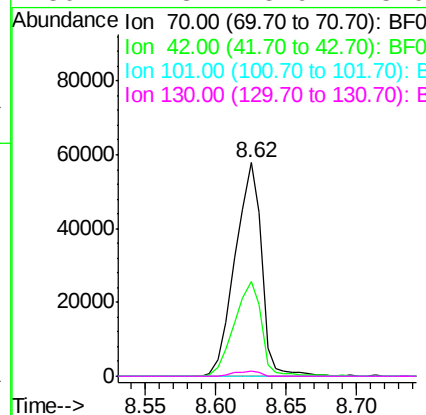
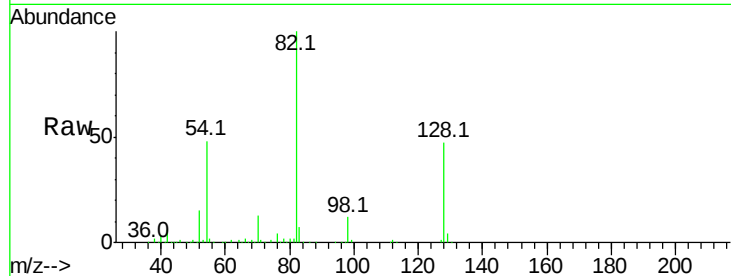




#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094853.D
Acq: 4 May 2017 1:22

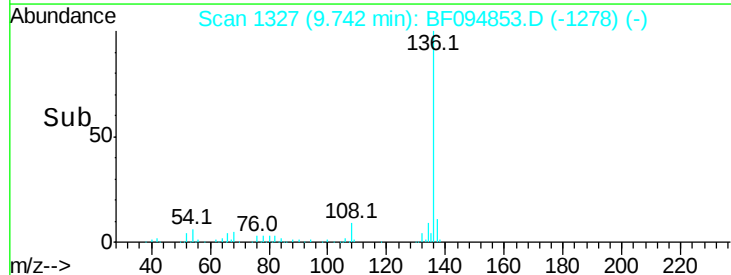
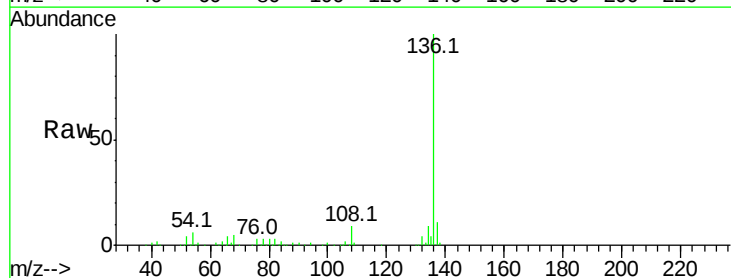
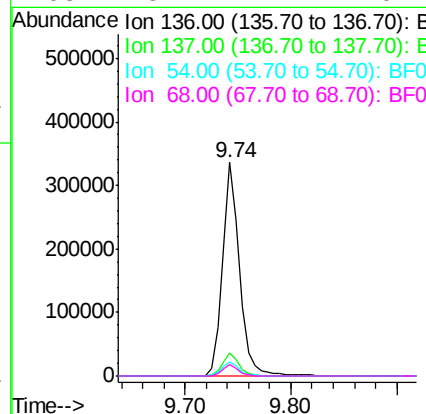
Instrument :
BNA_F
ClientSampleId :

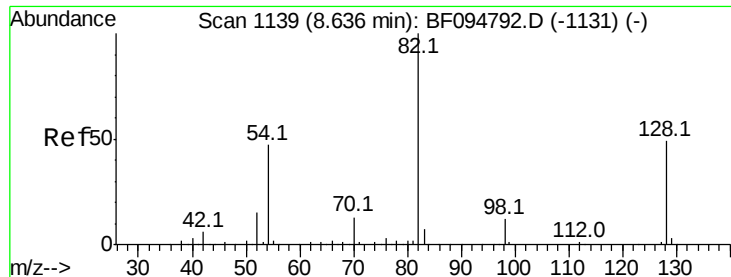
Tot Ion: 70 Resp: 75670
Ion Ratio Lower Upper
70 100
42 44.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094853.D
Acq: 4 May 2017 1:22

Tgt Ion: 136 Resp: 384092
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.4 4.9 7.3
68 5.4 4.1 6.1

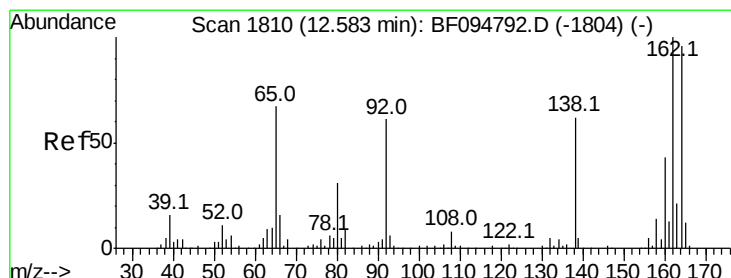
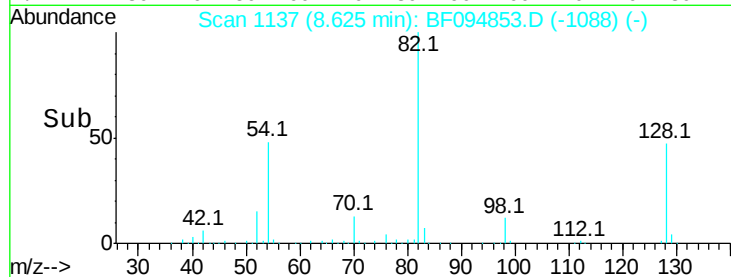
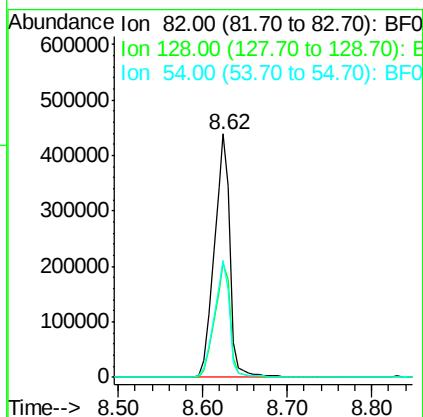
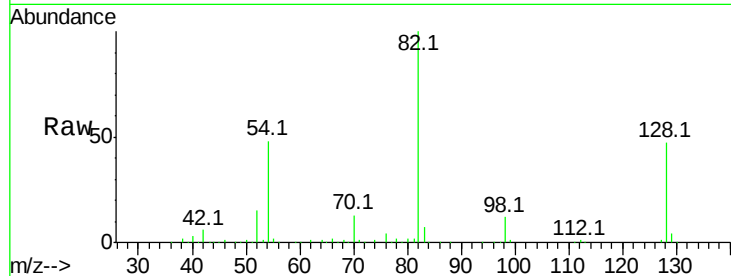




#23
Nitrobenzene-d5
Concen: 95.04 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094853.D
Acq: 4 May 2017 1:22

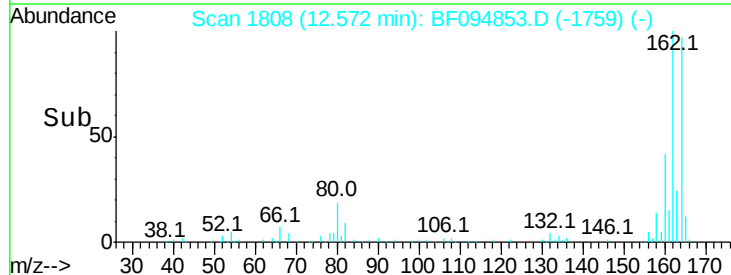
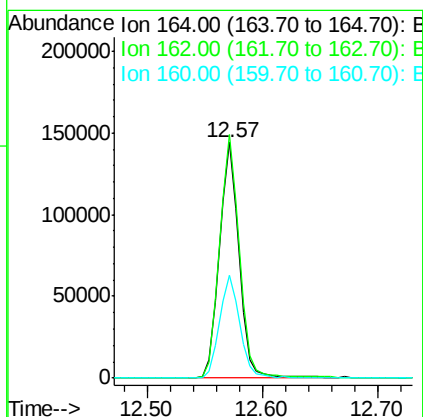
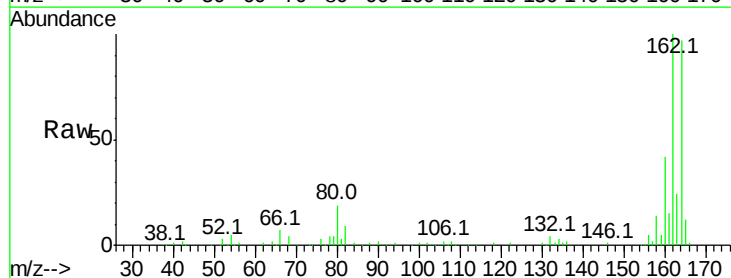
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 578913
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 48.0 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: BF094853.D
Acq: 4 May 2017 1:22

Tgt Ion:164 Resp: 170396
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 43.8 36.2 54.2

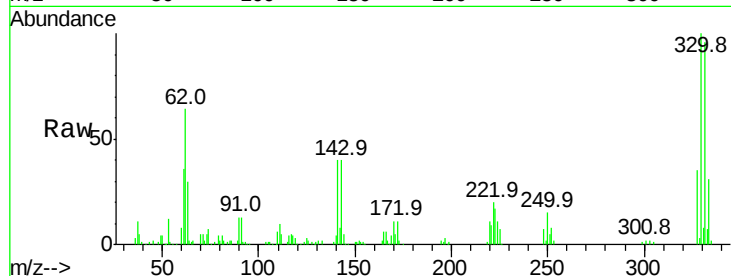




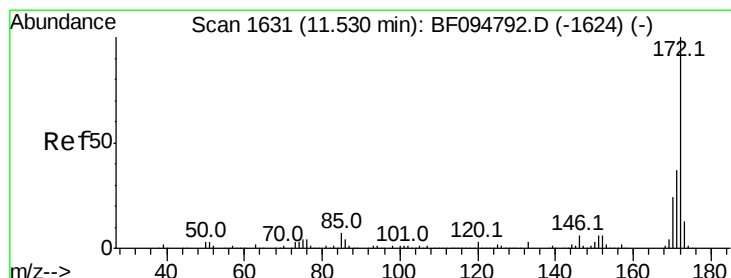
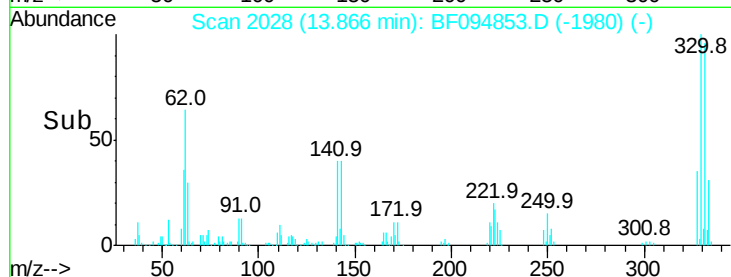
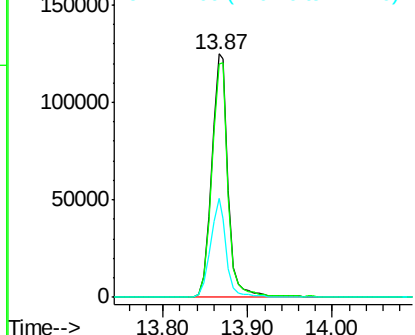
#41
 2,4,6-Tribromophenol
 Concen: 123.63 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.7	31.4	47.2

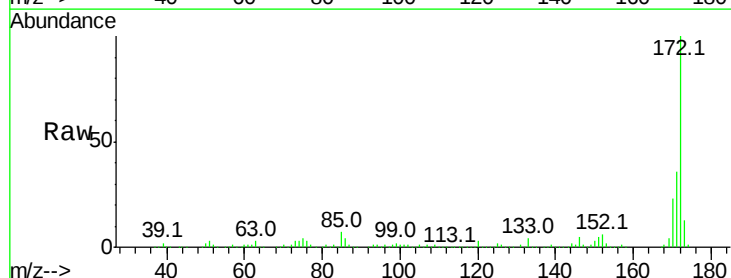


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

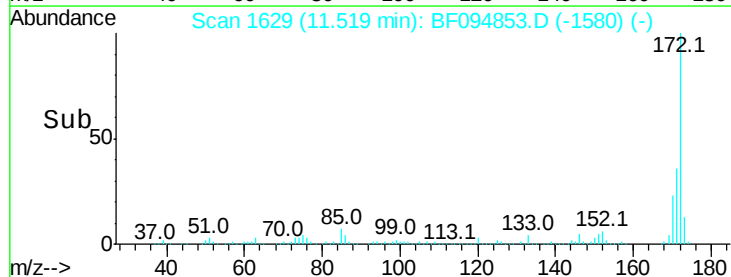
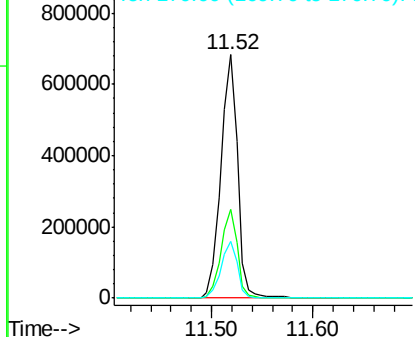


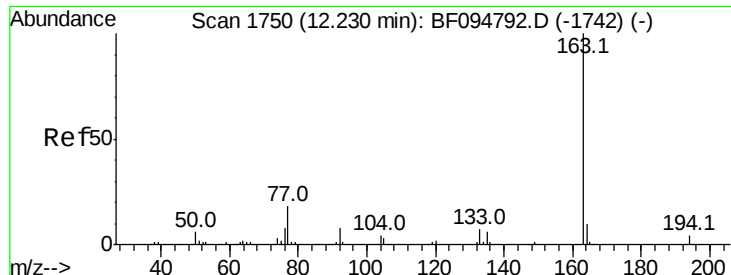
#44
 2-Fluorobiphenyl
 Concen: 66.10 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.5	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





#49

Dimethylphthalate

Concen: 18.83 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

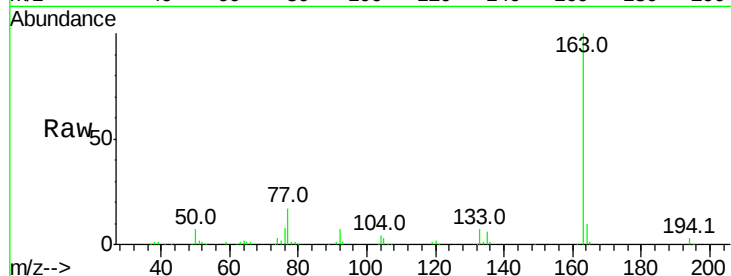
Tot Ion:163 Resp: 263440

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

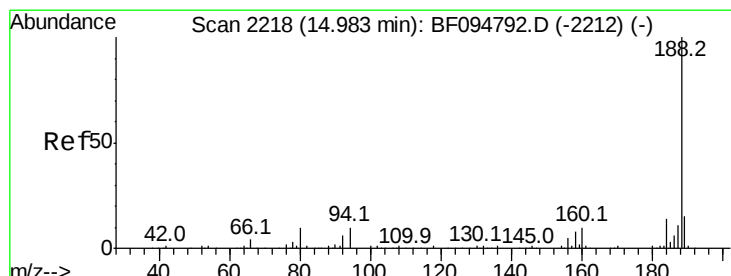
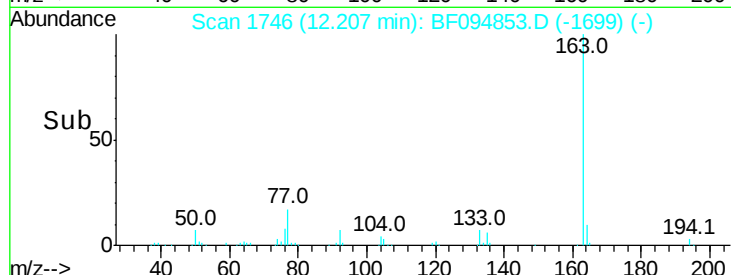
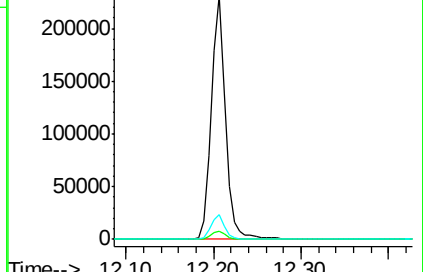
164 10.3 8.4 12.6



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# 2216

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

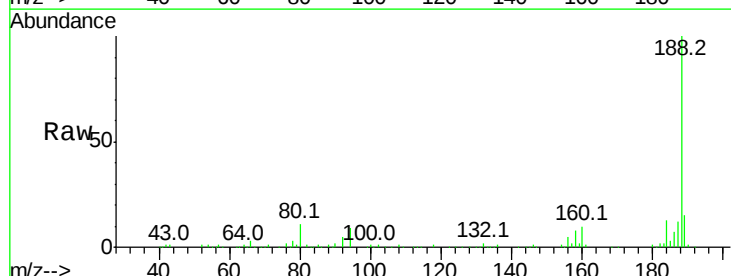
Tgt Ion:188 Resp: 279949

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

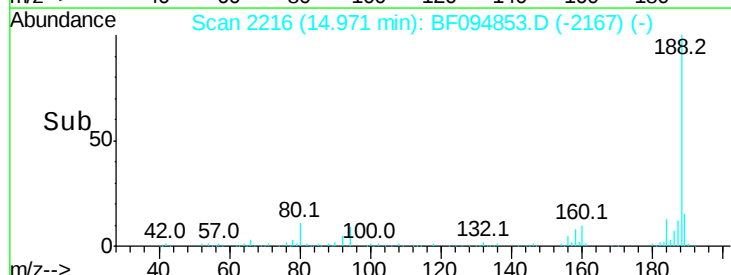
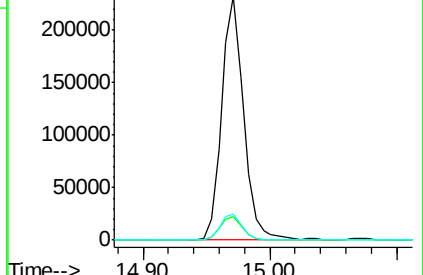
80 10.7 10.2 15.2

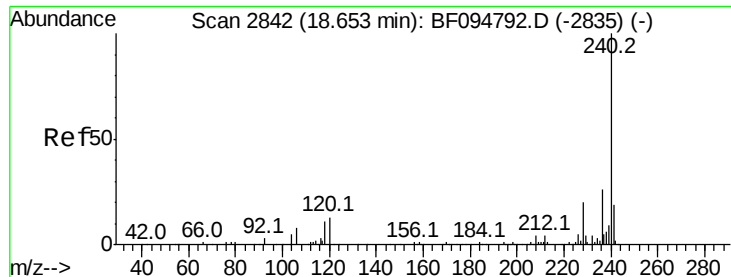


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

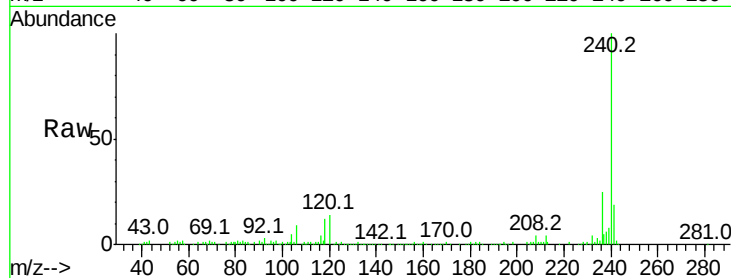
Tot Ion:240 Resp: 186032

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

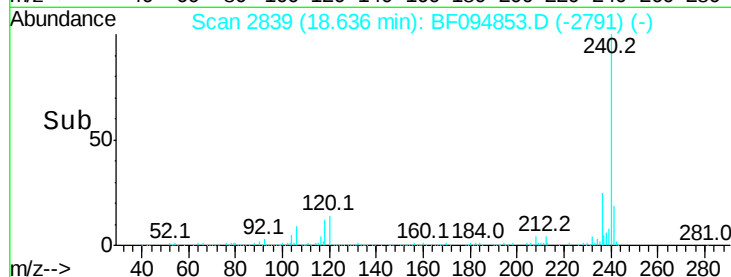
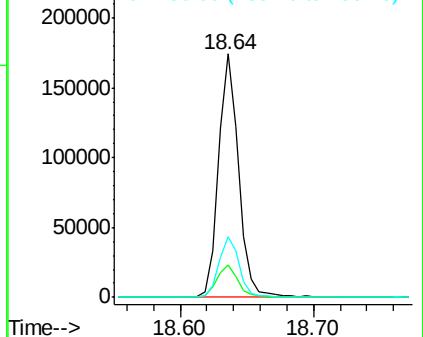
236 25.0 20.5 30.7



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: 52.81 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

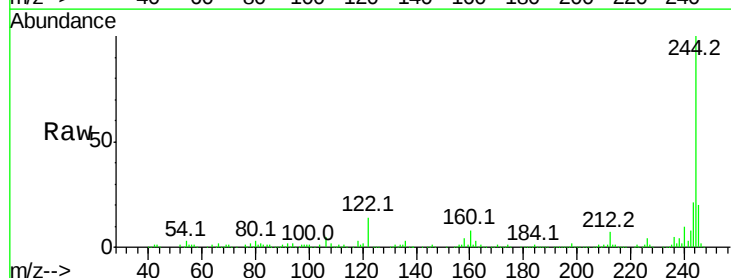
Tgt Ion:244 Resp: 446025

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

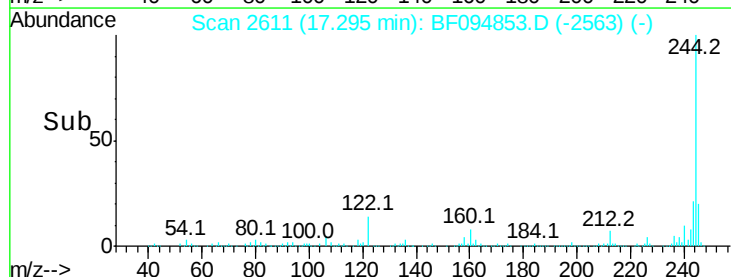
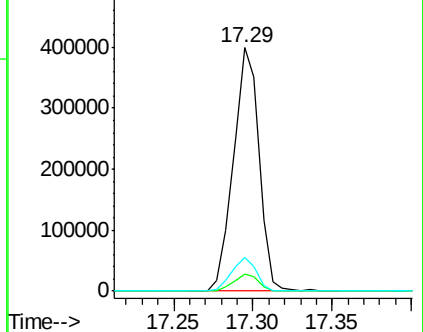
122 13.8 10.3 15.5

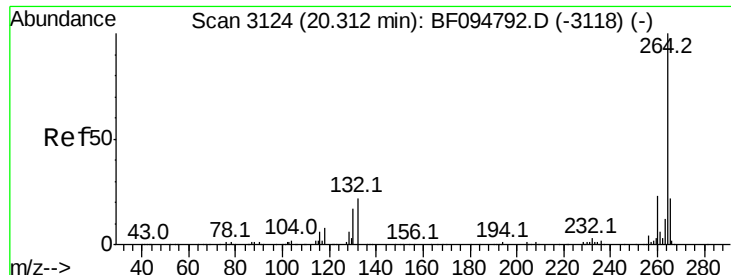


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

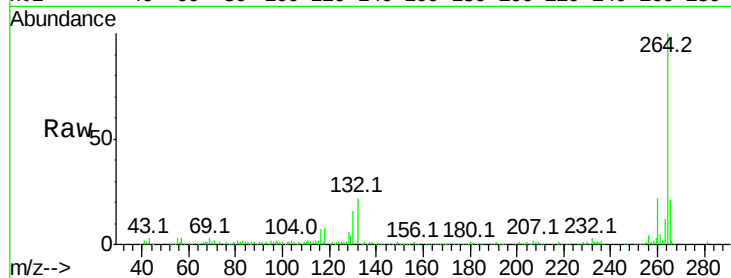




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.8	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

