

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094915.D
 Acq On : 5 May 2017 13:54
 Operator : SJ/MA
 Sample : I2969-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

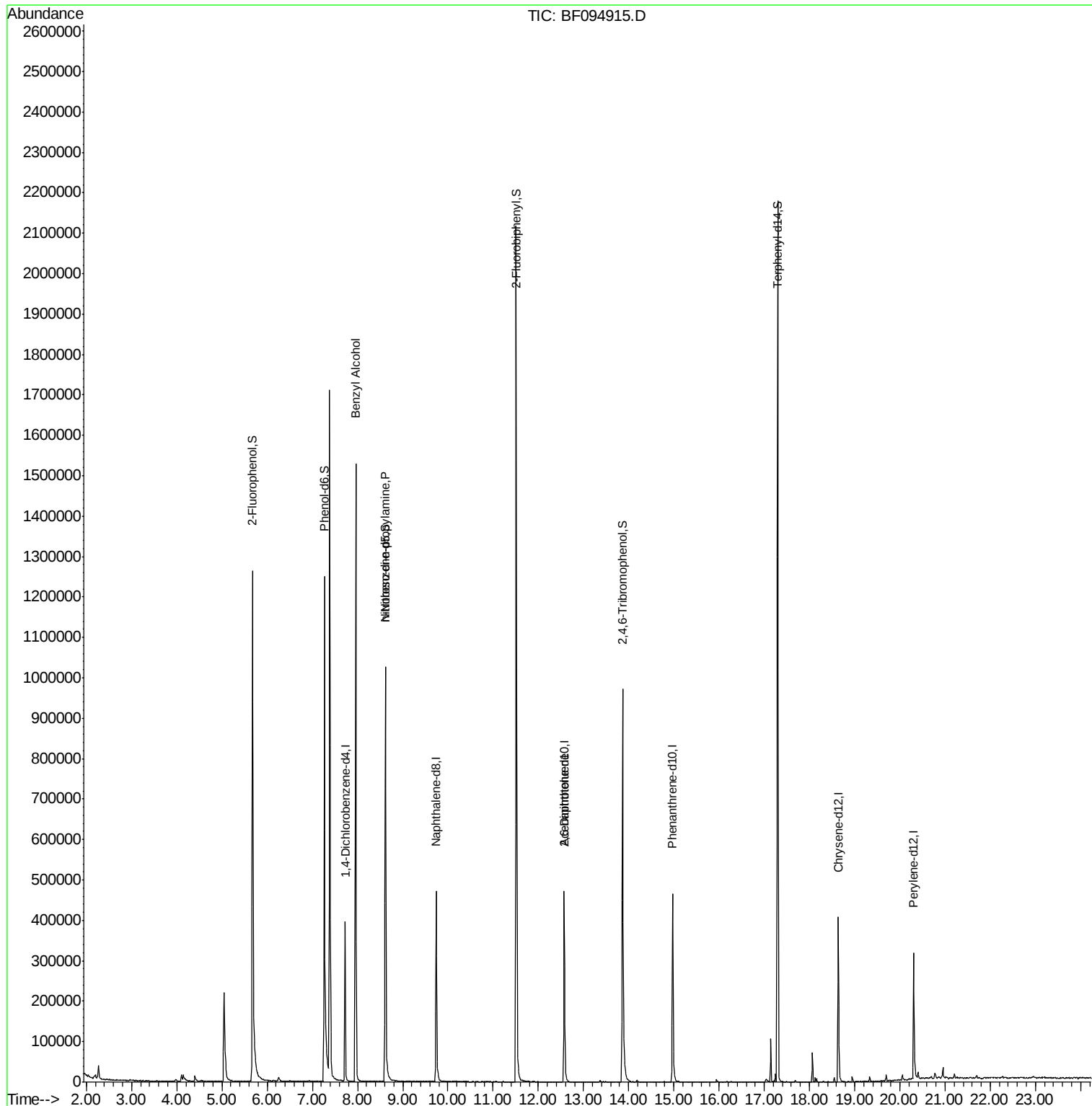
Quant Time: May 05 14:44:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	84322	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	340281	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	160929	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	291494	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	197376	20.00	ng	-0.02
86) Perylene-d12	20.31	264	165014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	642787	127.09	ng	0.00
7) Phenol-d6	7.27	99	745903	122.92	ng	-0.01
23) Nitrobenzene-d5	8.62	82	486840	90.22	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	193552	146.86	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1011492	90.47	ng	-0.01
78) Terphenyl-d14	17.30	244	876726	97.84	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	8224	2.11	ng	# 48
19) n-Nitroso-di-n-propylamine	8.62	70	60855	14.83	ng	# 76
50) 2,6-Dinitrotoluene	12.57	165	14658	5.44	ng	# 31

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

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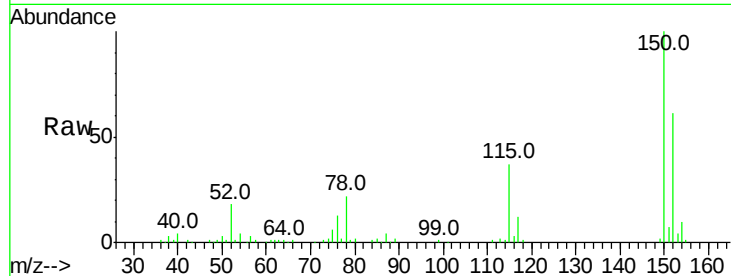


#1

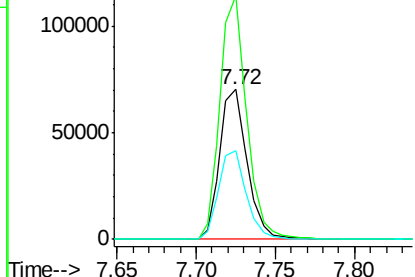
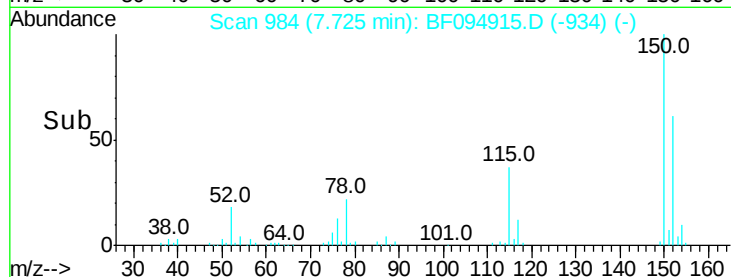
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 84322
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.2 189.2
 115 59.6 52.2 78.2



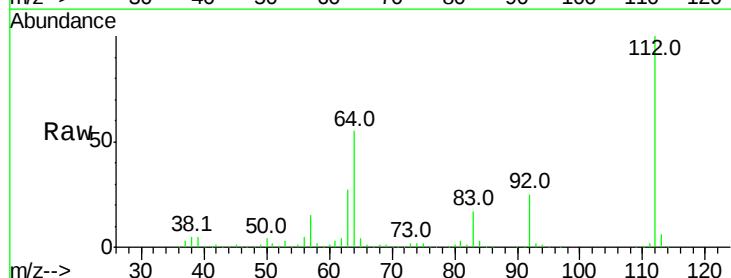
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



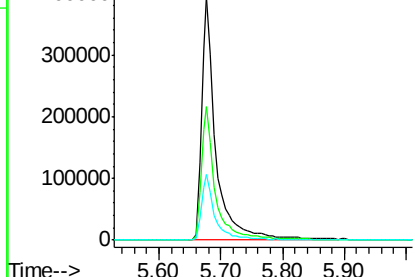
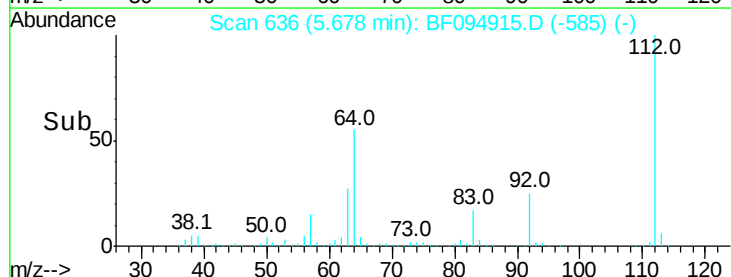
#5

2-Fluorophenol
 Concen: 127.09 ng
 RT: 5.68 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Tgt Ion:112 Resp: 642787
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.0 69.0
 63 26.8 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: 122.92 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094915.D

Acq: 5 May 2017 13:54

Instrument :

BNA_F

ClientSampleId :

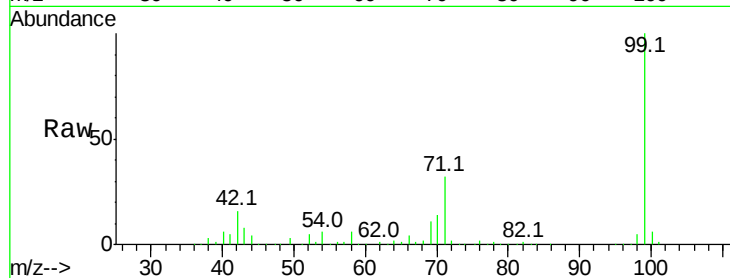
Tot Ion: 99 Resp: 745903

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

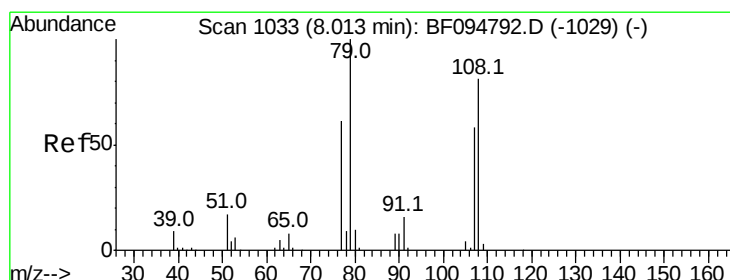
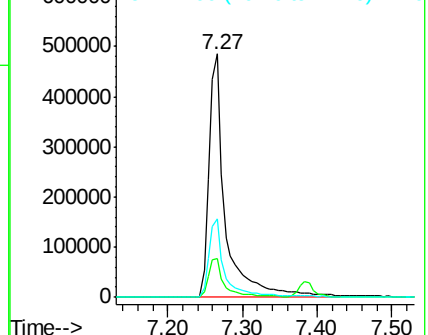
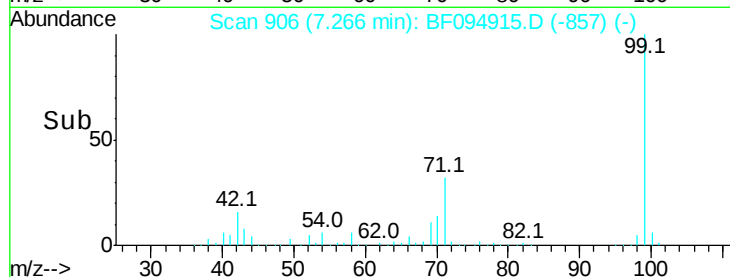
71 32.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094915.D

Acq: 5 May 2017 13:54

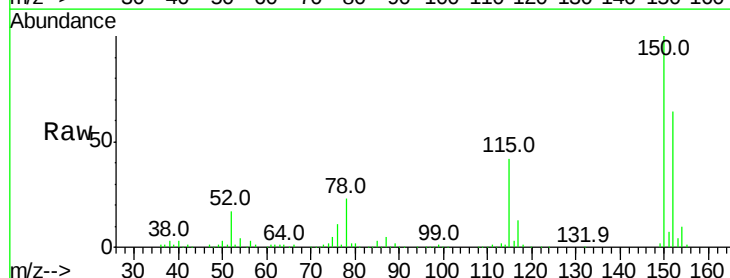
Tgt Ion: 79 Resp: 8224

Ion Ratio Lower Upper

79 100

108 25.3 63.4 95.0#

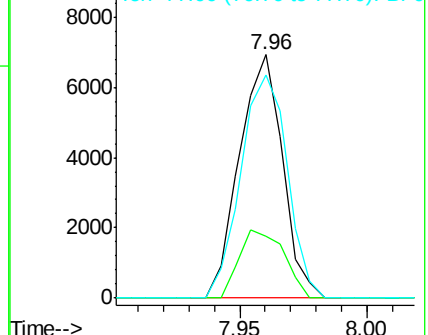
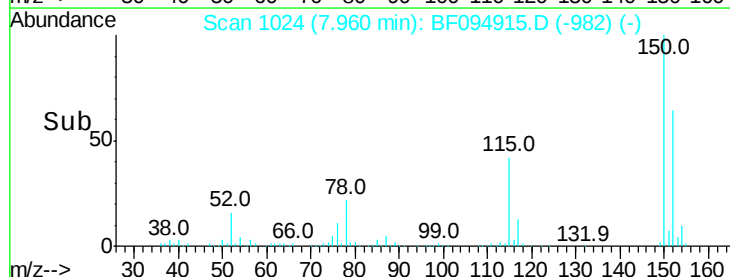
77 91.4 49.2 73.8#



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

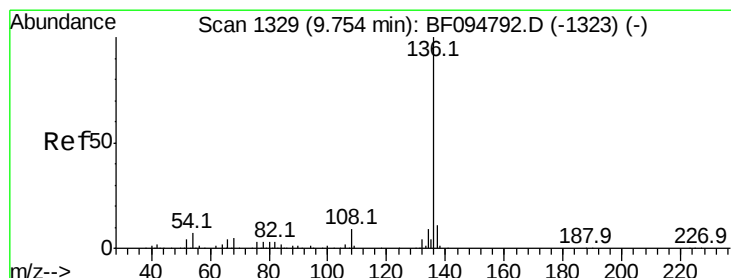
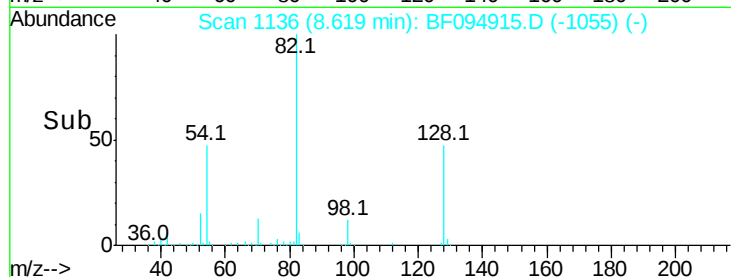
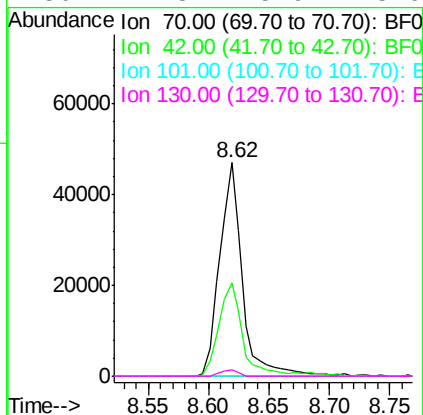
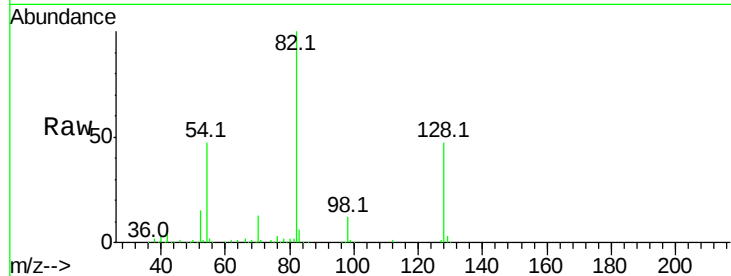




#19
n-Nitroso-di-n-propylamine
Concen: 14.83 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094915.D
Acq: 5 May 2017 13:54

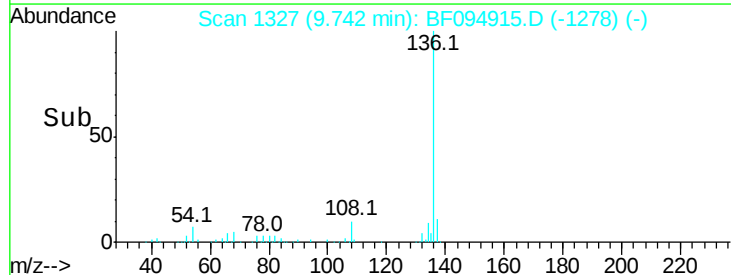
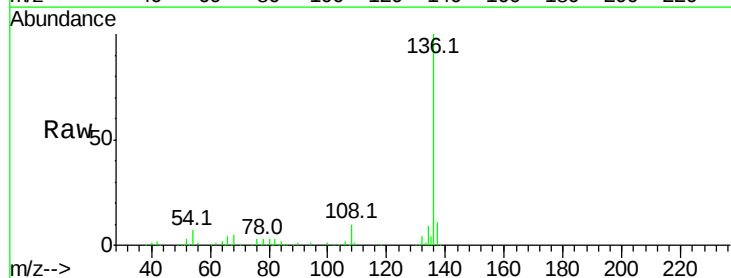
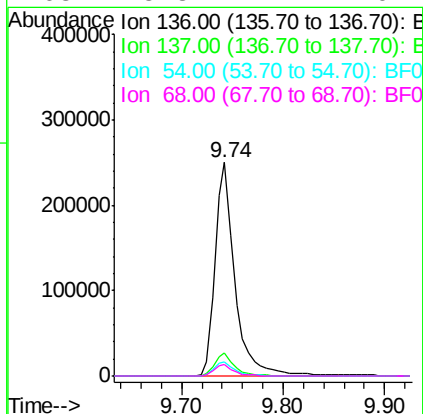
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 60855
Ion Ratio Lower Upper
70 100
42 44.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 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: BF094915.D
Acq: 5 May 2017 13:54

Tgt Ion: 136 Resp: 340281
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.7 4.9 7.3
68 5.3 4.1 6.1

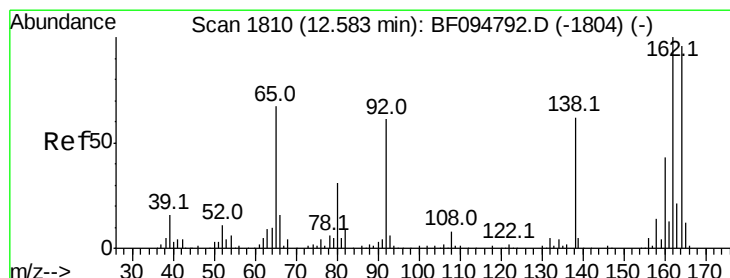
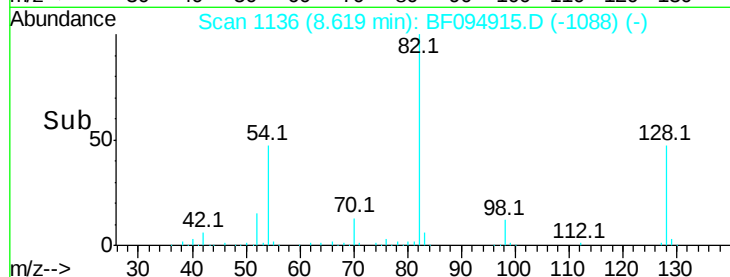
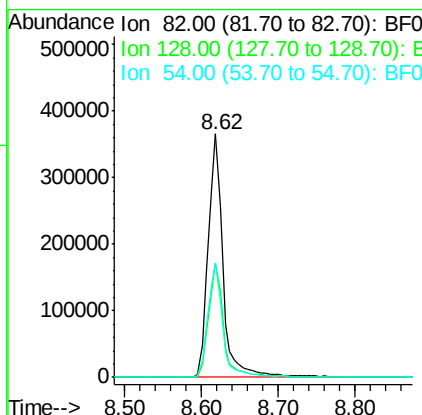
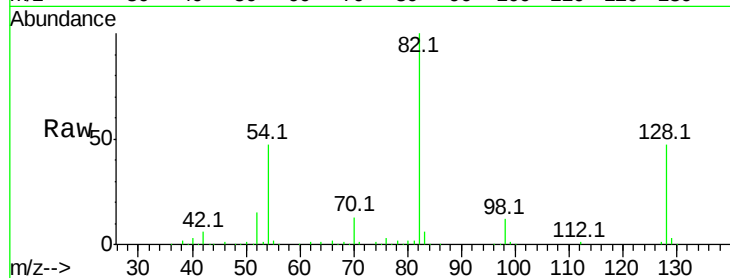




#23
 Nitrobenzene-d5
 Concen: 90.22 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

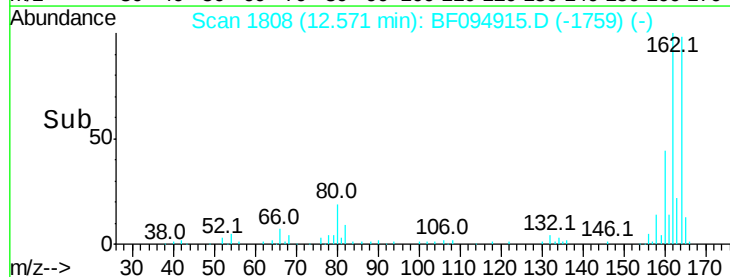
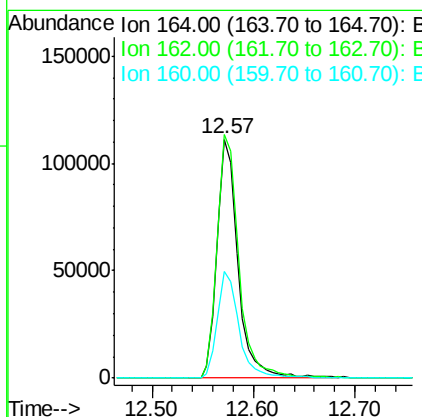
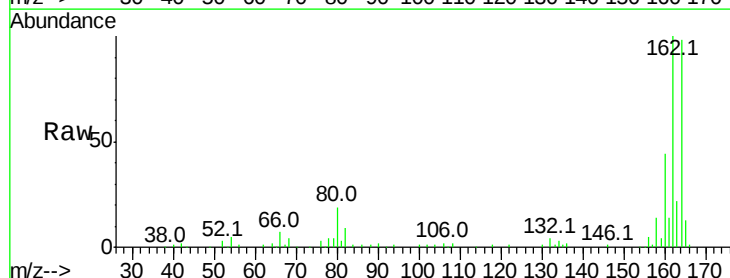
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 486840
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 46.8 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: BF094915.D
 Acq: 5 May 2017 13:54

Tgt Ion:164 Resp: 160929
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 44.4 36.2 54.2

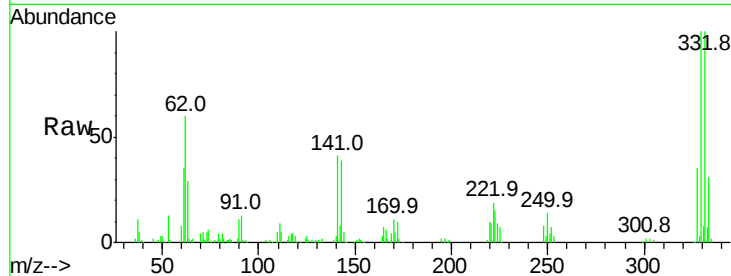




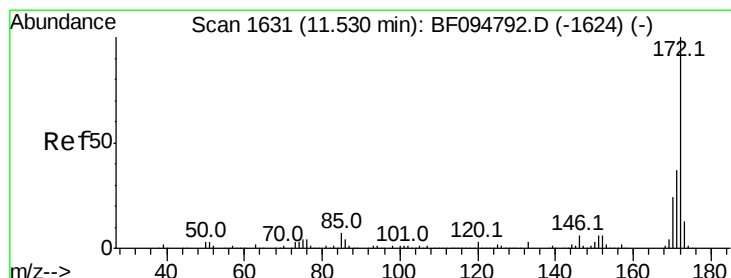
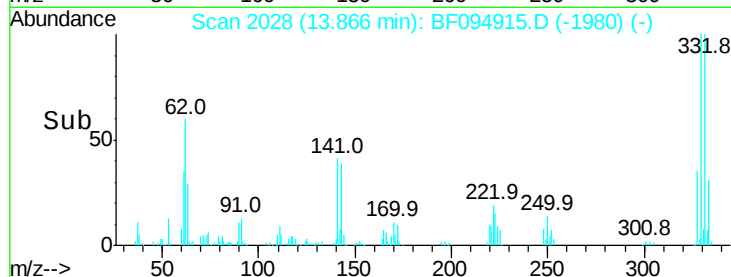
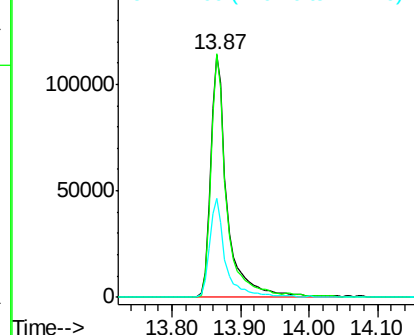
#41
 2,4,6-Tribromophenol
 Concen: 146.86 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 193552
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.1 31.4 47.2

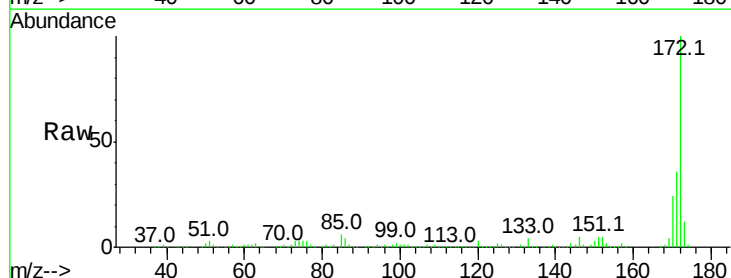


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

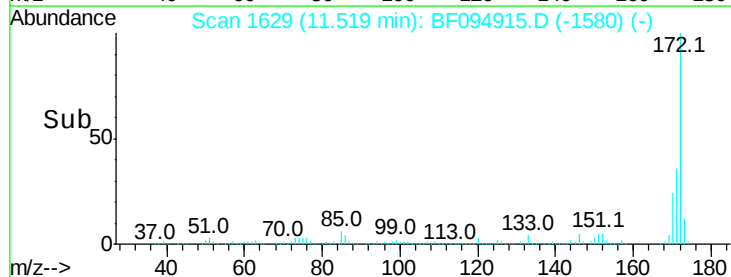
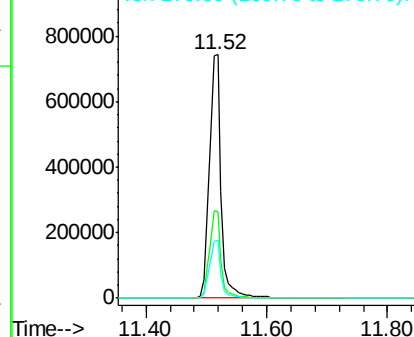


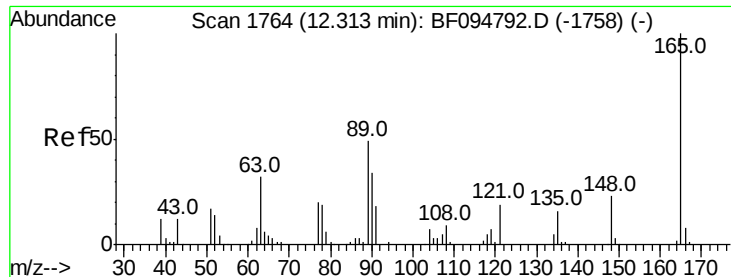
#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Tgt Ion:172 Resp: 1011492
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 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

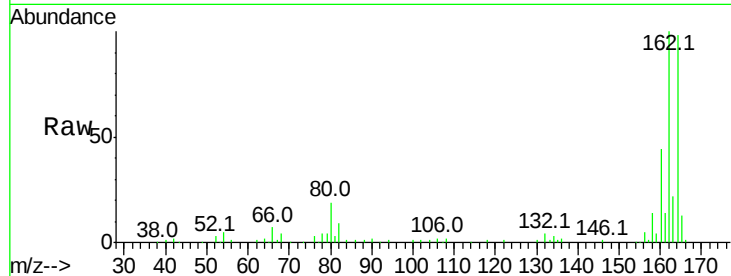




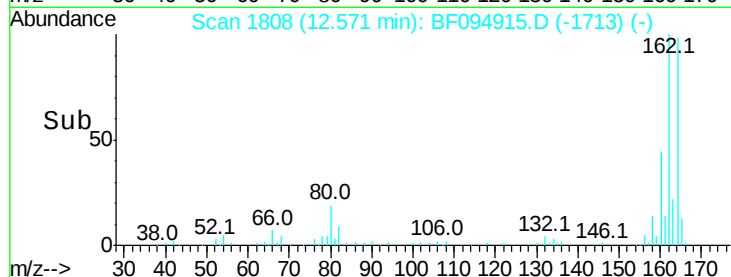
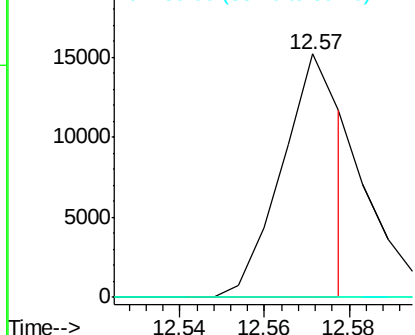
#50
 2,6-Dinitrotoluene
 Concen: 5.44 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14658
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

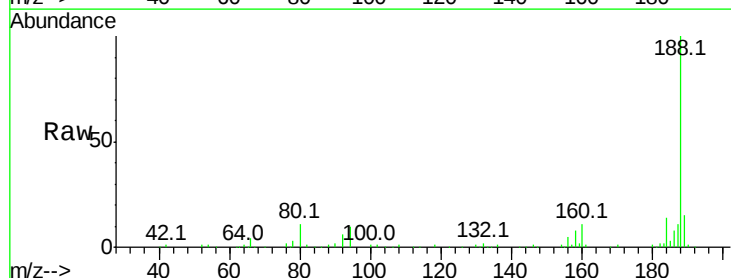


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

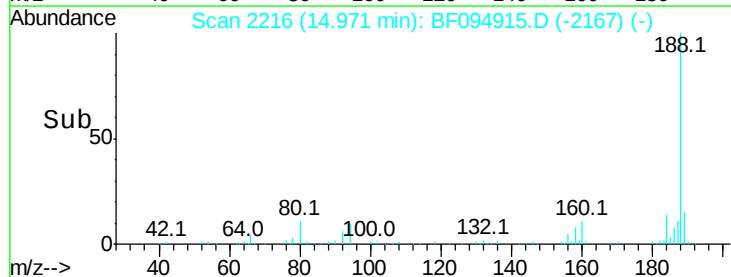
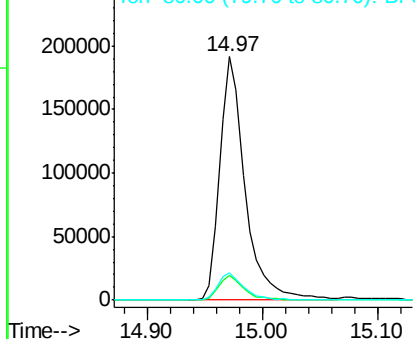


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Tgt Ion:188 Resp: 291494
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.2 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

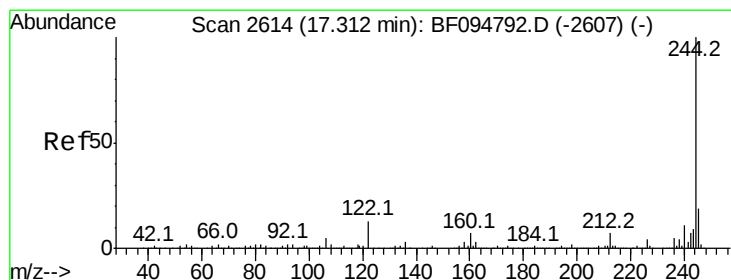
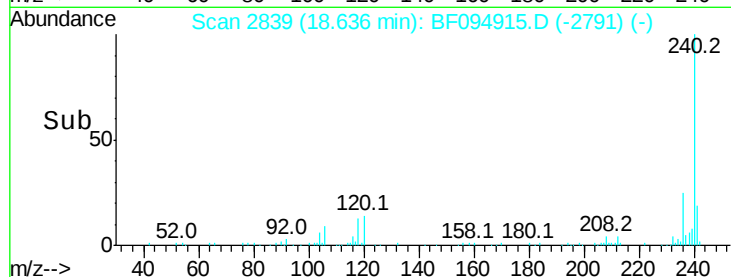
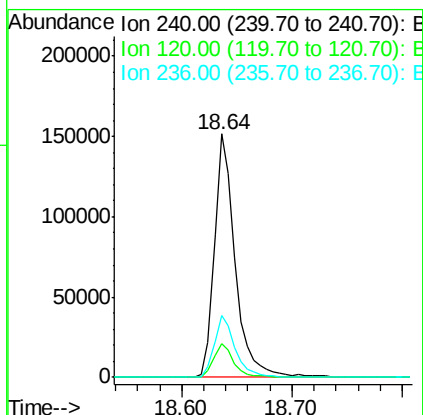
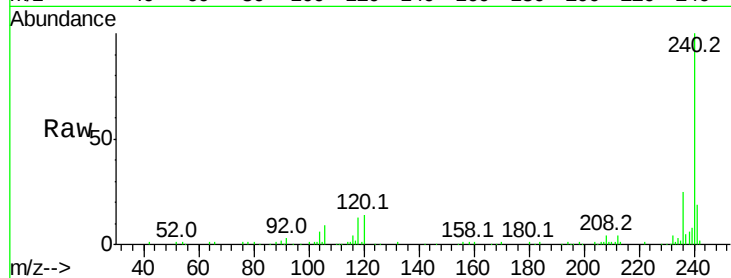




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

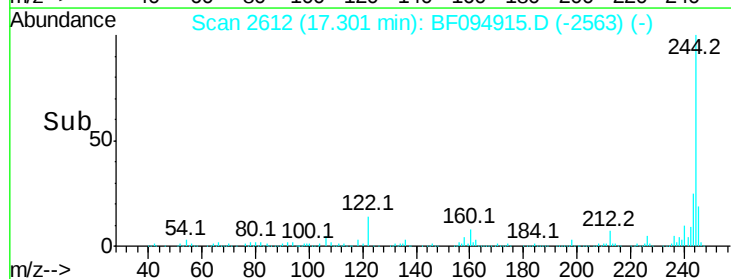
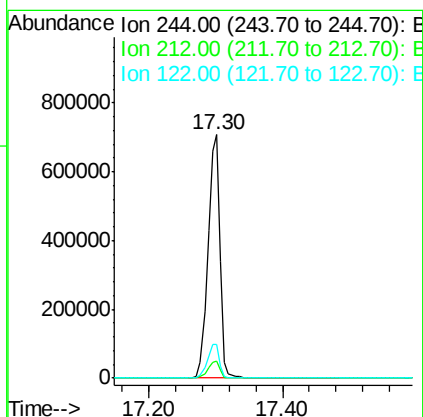
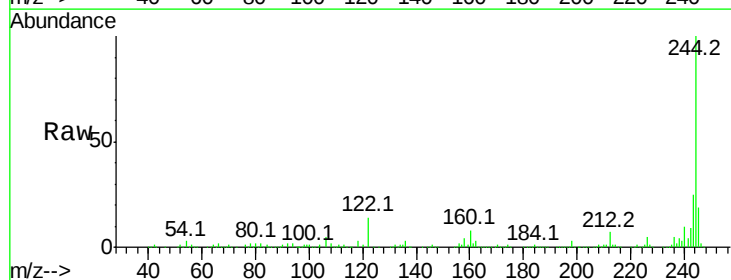
Instrument :
 BNA_F
 ClientSampleId :

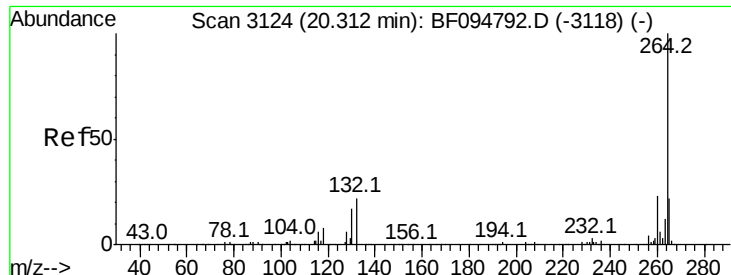
Tot Ion:240 Resp: 197376
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 97.84 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Tgt Ion:244 Resp: 876726
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.7 10.3 15.5

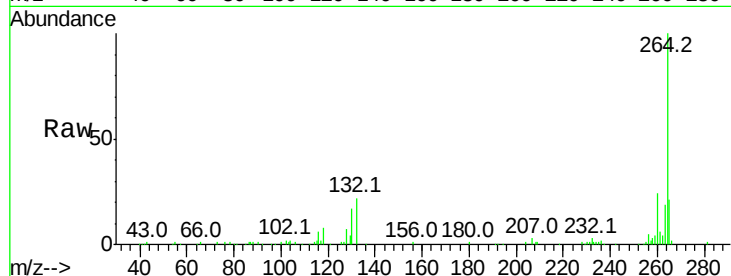




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094915.D
 Acq: 5 May 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

