

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094924.D
 Acq On : 5 May 2017 19:05
 Operator : SJ/MA
 Sample : I2957-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 19:32:19 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

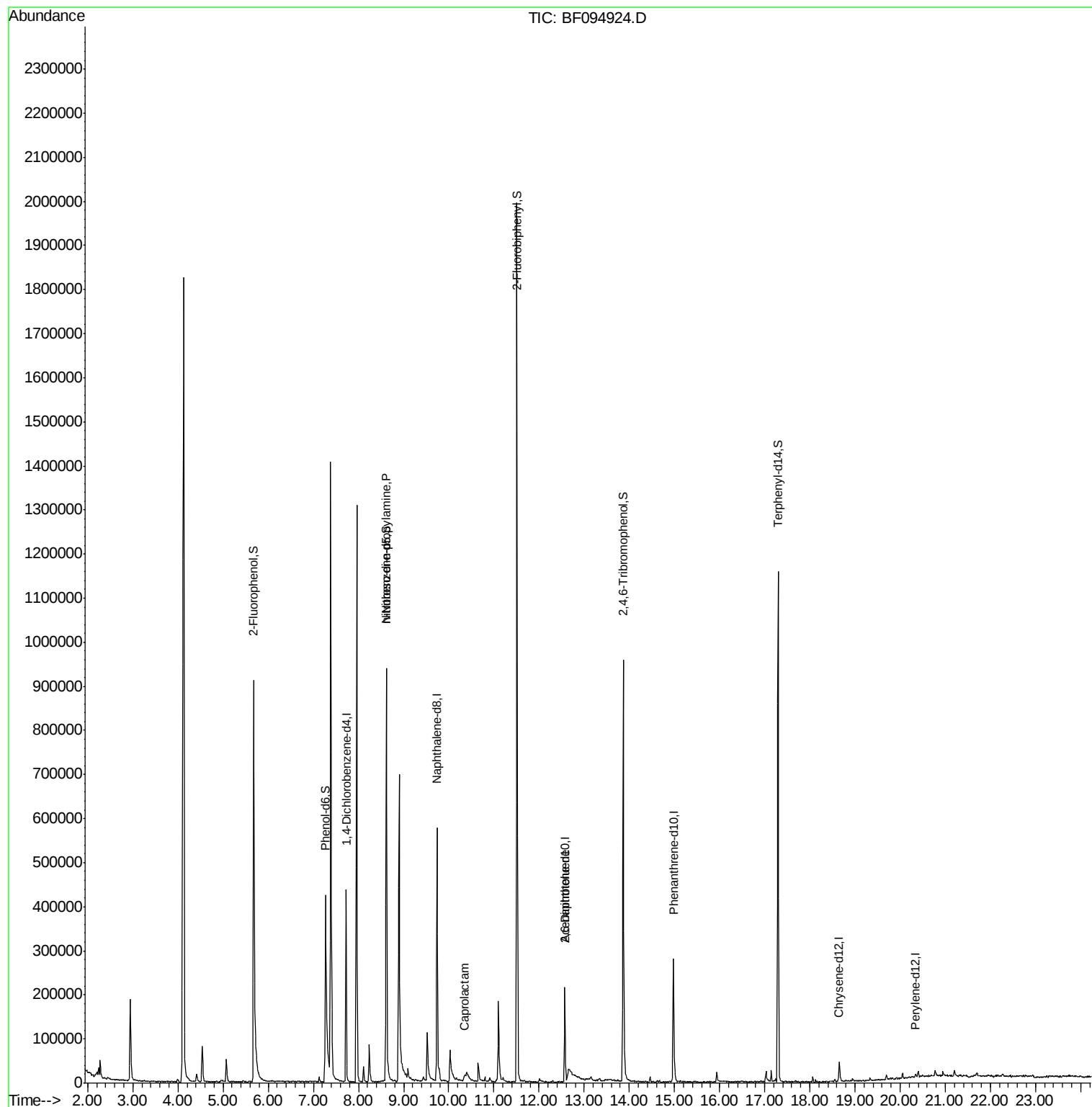
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90707	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	336390	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	55873	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	135523	20.00	ng	-0.01
75) Chrysene-d12	18.65	240	15791	20.00	ng	0.00
86) Perylene-d12	20.33	264	169	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	501973	92.26	ng	0.00
7) Phenol-d6	7.27	99	275811	42.25	ng	-0.01
23) Nitrobenzene-d5	8.62	82	417403	78.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	168465	368.16	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	858413	221.14	ng	-0.02
78) Terphenyl-d14	17.29	244	301649	420.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	53816	12.19	ng	# 75
35) Caprolactam	10.35	113	15242	11.02	ng	# 1
50) 2,6-Dinitrotoluene	12.57	165	4763	5.09	ng	# 31

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

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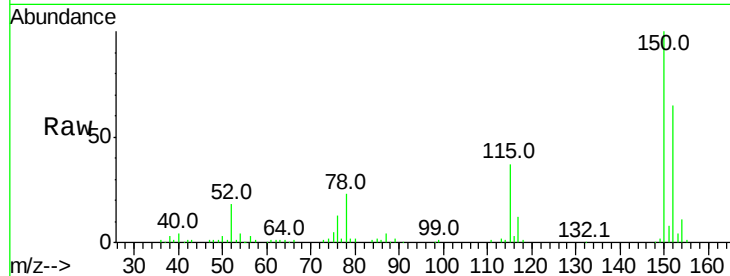


#1

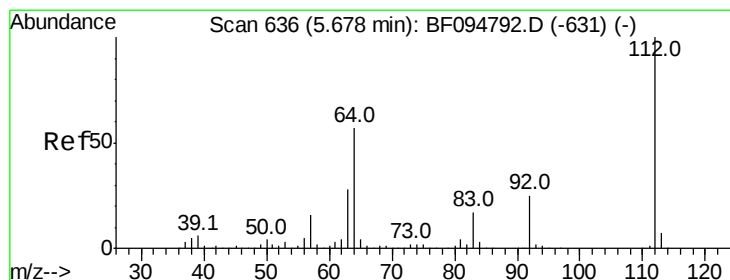
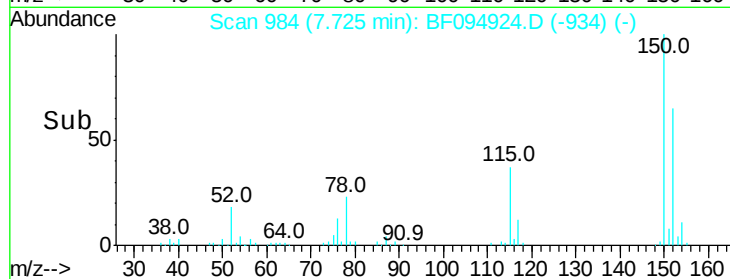
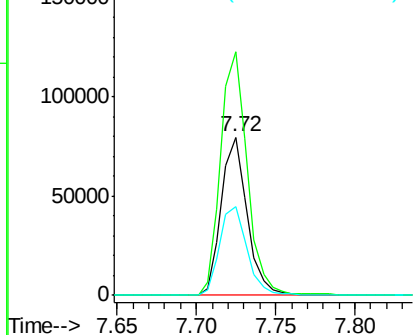
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90707
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 56.5 52.2 78.2



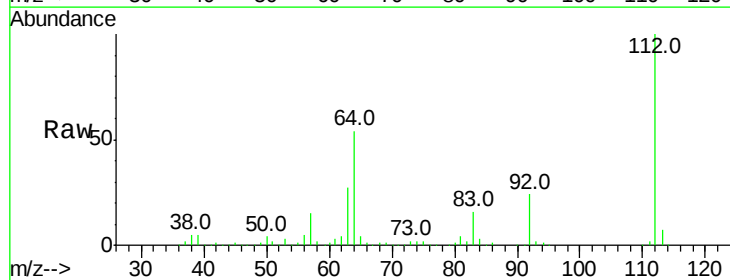
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



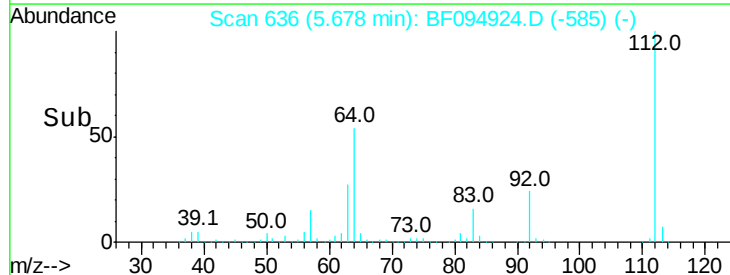
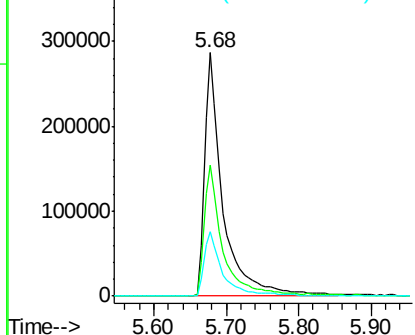
#5

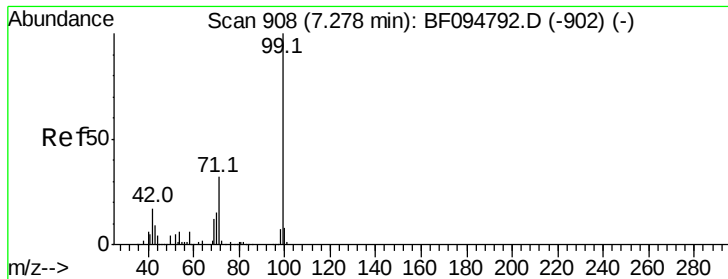
2-Fluorophenol
Concen: 92.26 ng
RT: 5.68 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:112 Resp: 501973
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 26.7 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: 42.25 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094924.D

Acq: 5 May 2017 19:05

Instrument :

BNA_F

ClientSampled :

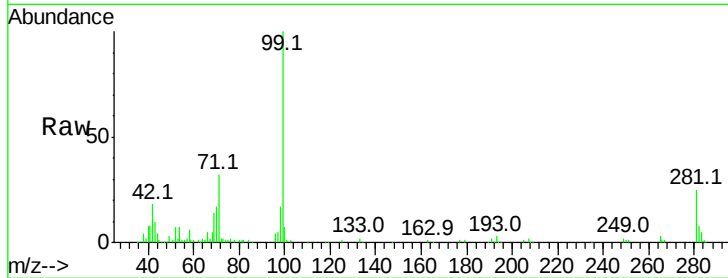
Tot Ion: 99 Resp: 275811

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

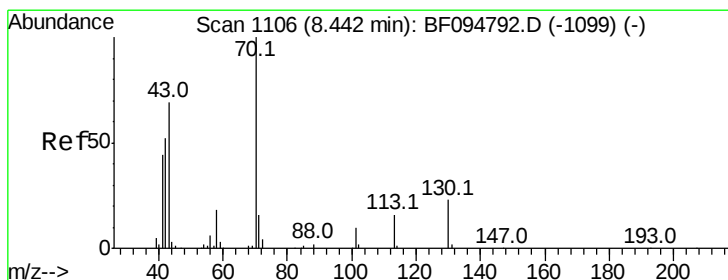
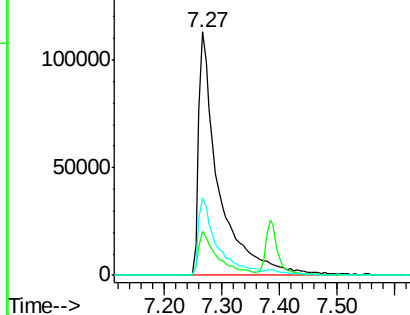
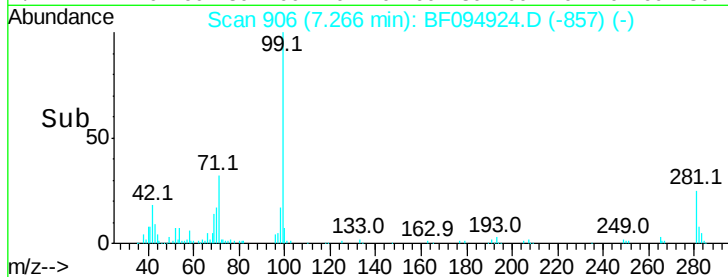
71 31.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.19 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094924.D

Acq: 5 May 2017 19:05

Tgt Ion: 70 Resp: 53816

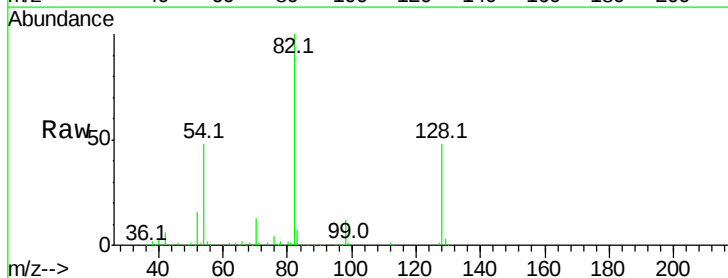
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

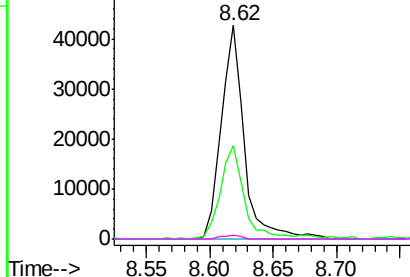
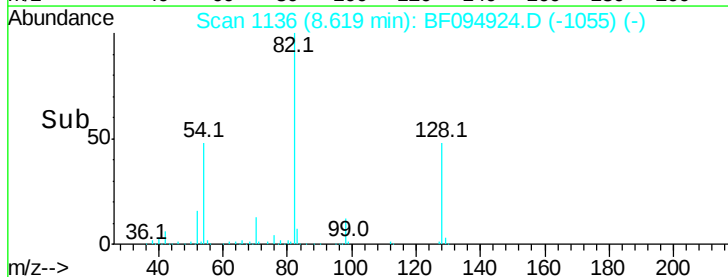


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

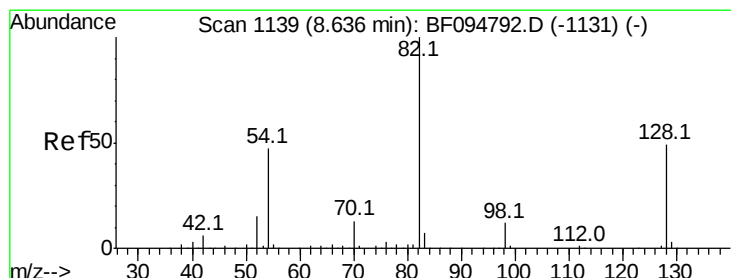
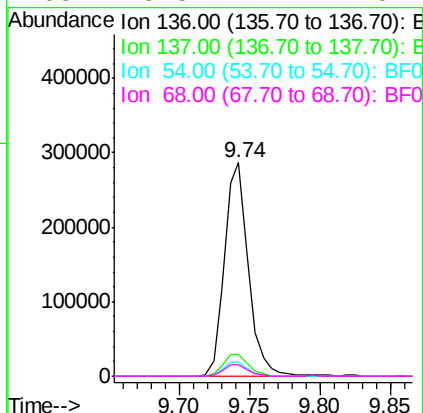
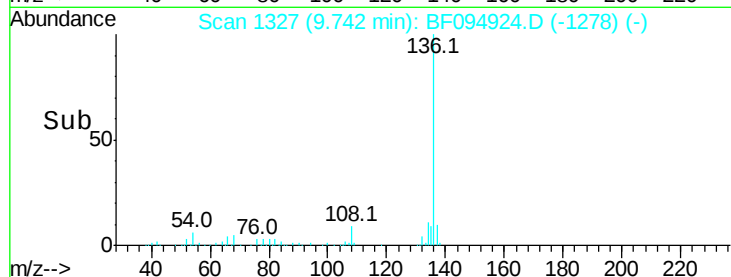
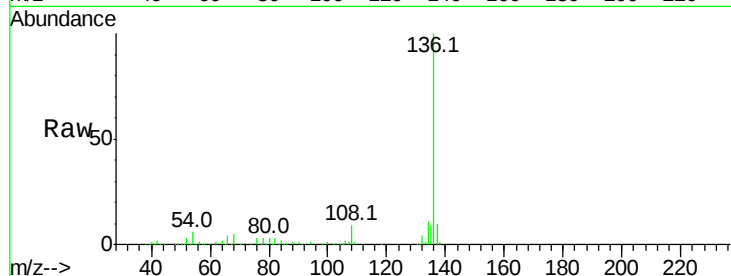




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

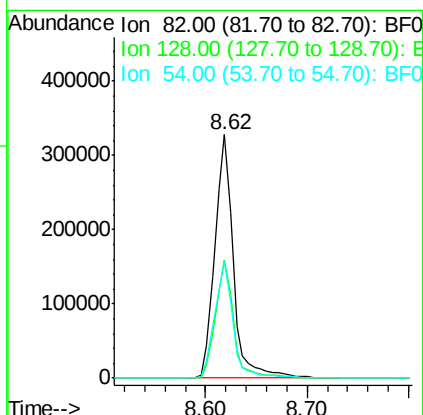
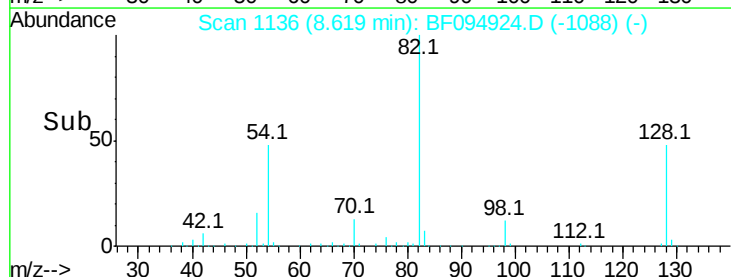
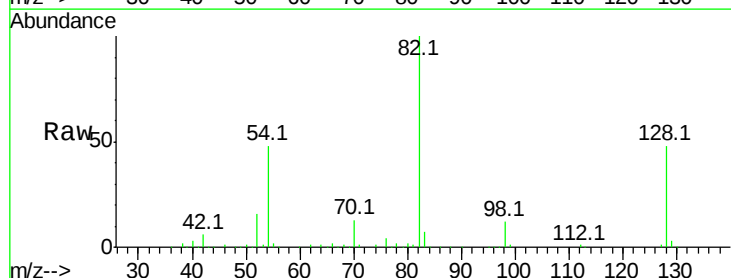
Instrument :
BNA_F
ClientSampleId :

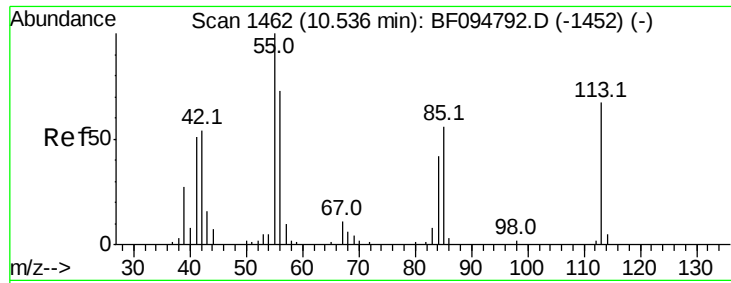
Tot Ion:136	Resp:	336390
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.4	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.24 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion: 82	Resp:	417403
Ion Ratio	Lower	Upper
82	100	
128	48.4	34.0 51.0
54	47.8	42.2 63.2





#35

Caprolactam

Concen: 11.02 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.18 min

Lab File: BF094924.D

Acq: 5 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

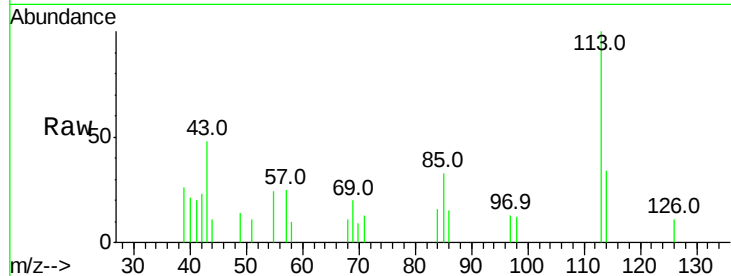
Tot Ion:113 Resp: 15242

Ion Ratio Lower Upper

113 100

55 23.5 150.2 190.2#

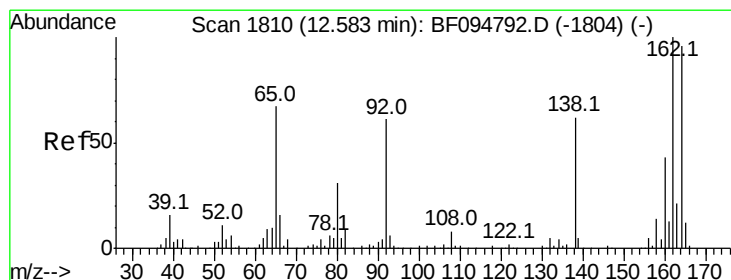
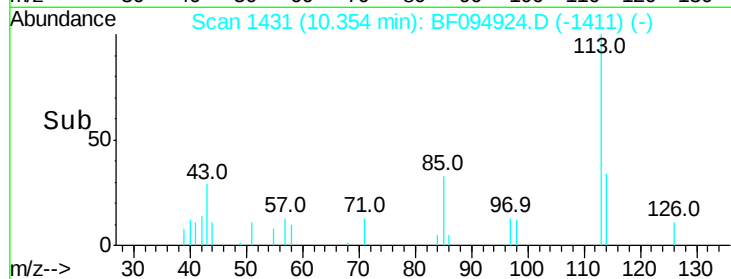
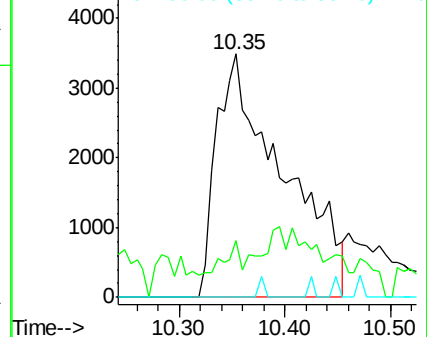
56 0.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094924.D

Acq: 5 May 2017 19:05

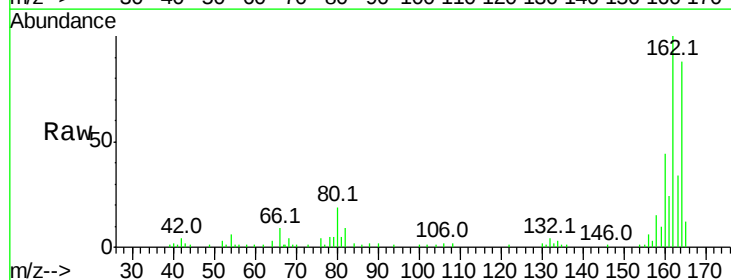
Tgt Ion:164 Resp: 55873

Ion Ratio Lower Upper

164 100

162 114.1 82.6 123.8

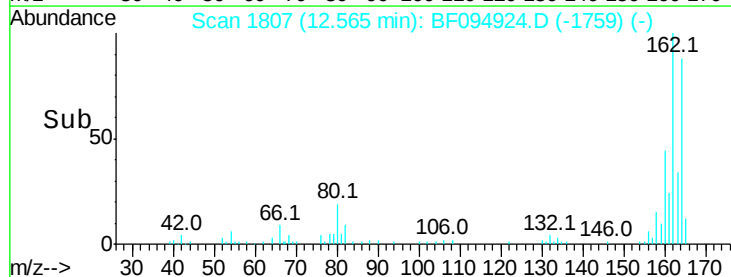
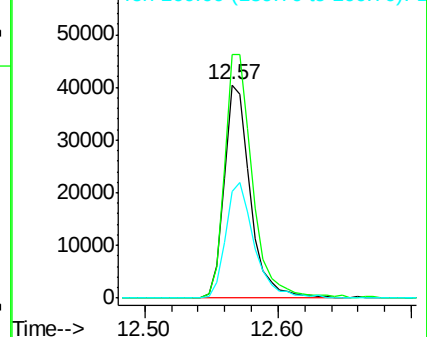
160 50.3 36.2 54.2



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

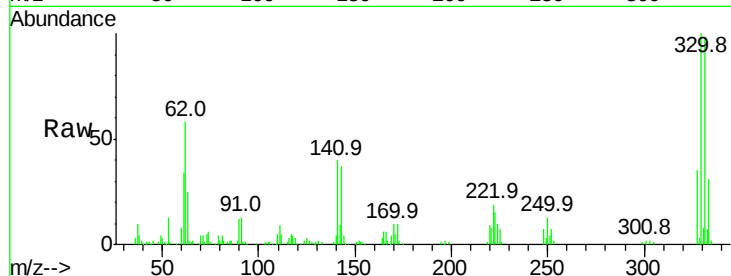




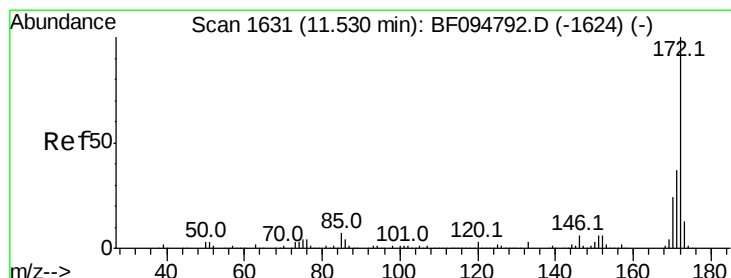
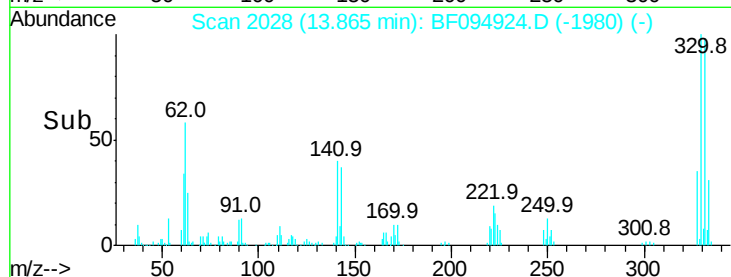
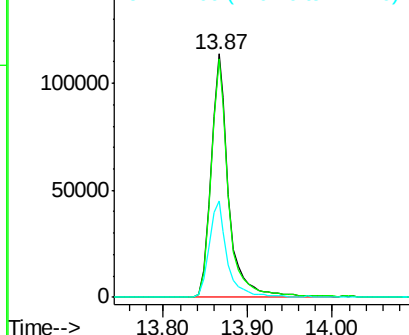
#41
 2,4,6-Tribromophenol
 Concen: 368.16 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 168465
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.3 31.4 47.2

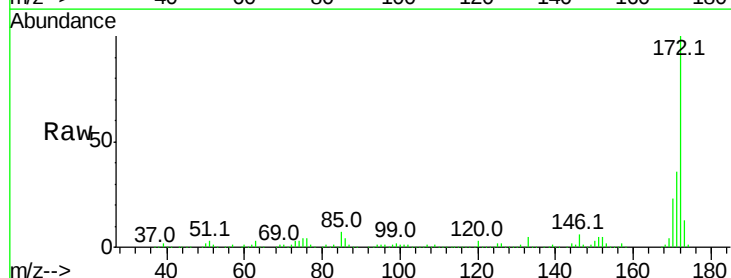


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

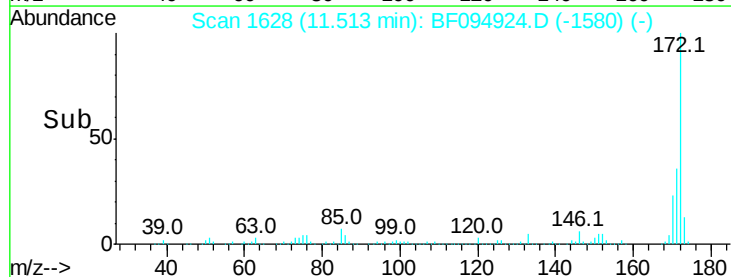
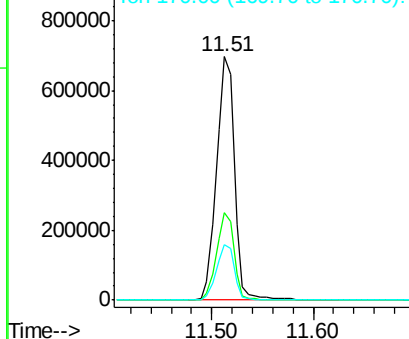


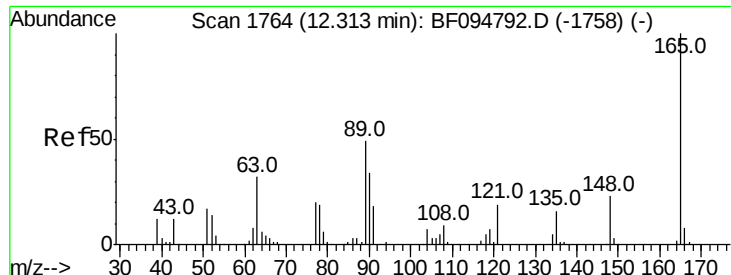
#44
 2-Fluorobiphenyl
 Concen: 221.14 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

Tgt Ion:172 Resp: 858413
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.0 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

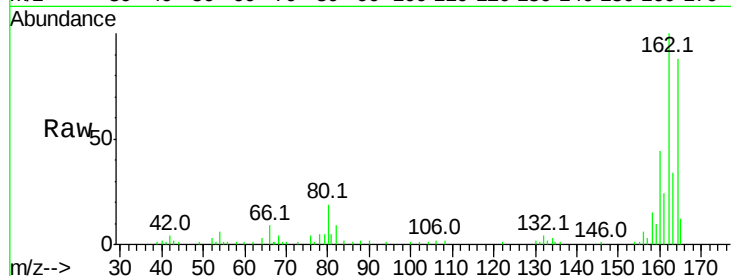




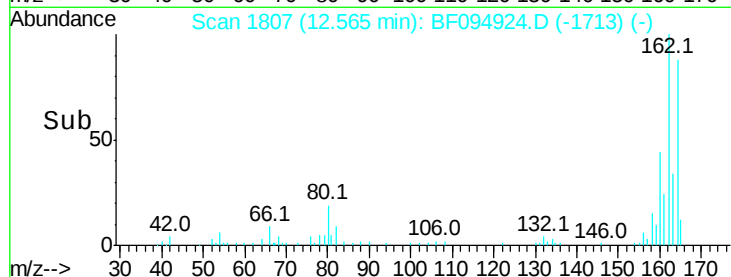
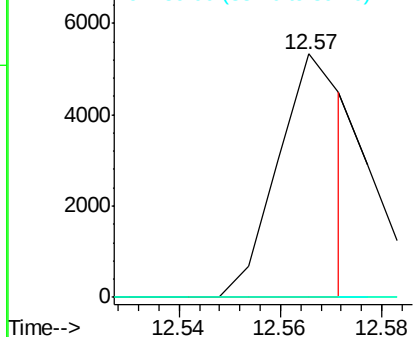
#50
 2,6-Dinitrotoluene
 Concen: 5.09 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 4763
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

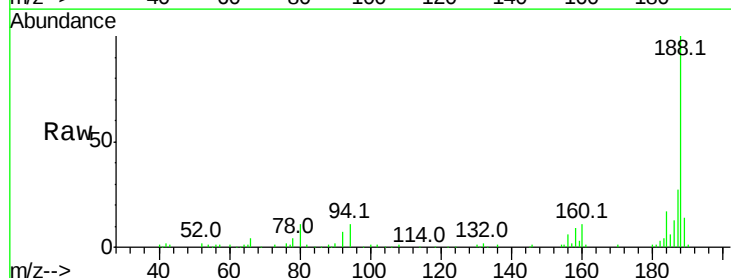


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

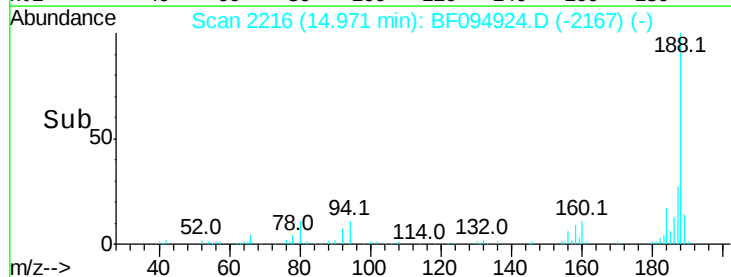
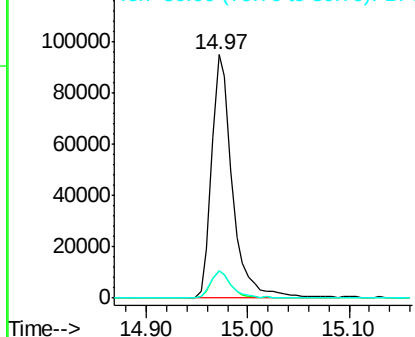


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

Tgt Ion:188 Resp: 135523
 Ion Ratio Lower Upper
 188 100
 94 11.2 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

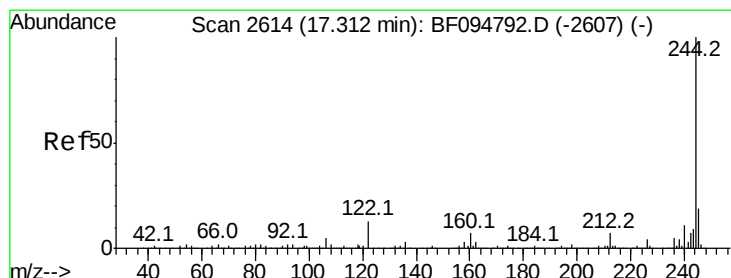
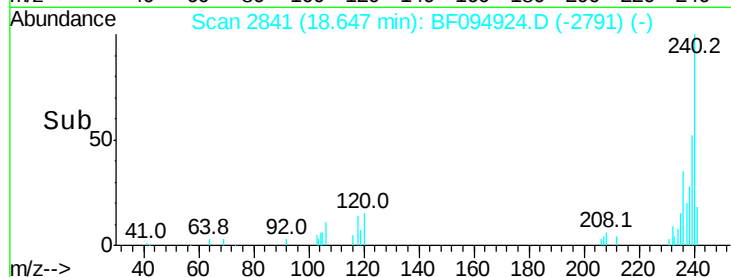
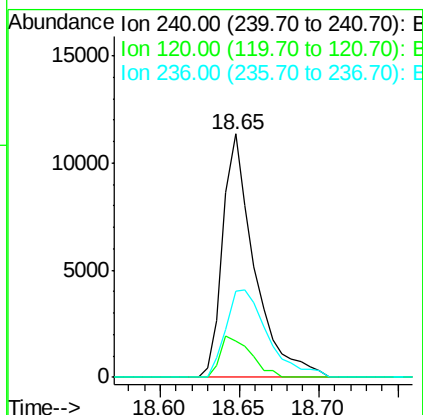
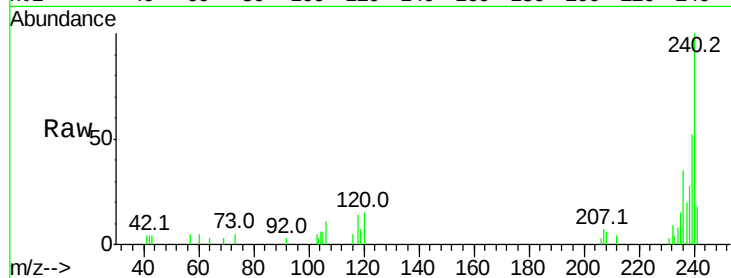




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

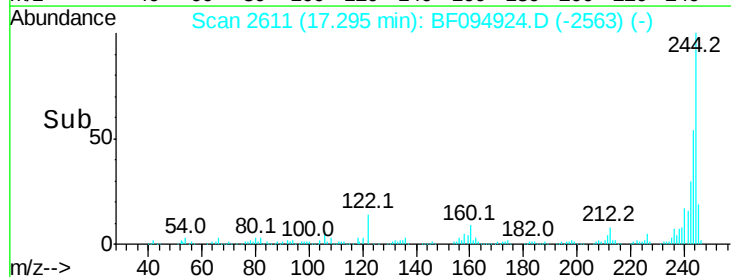
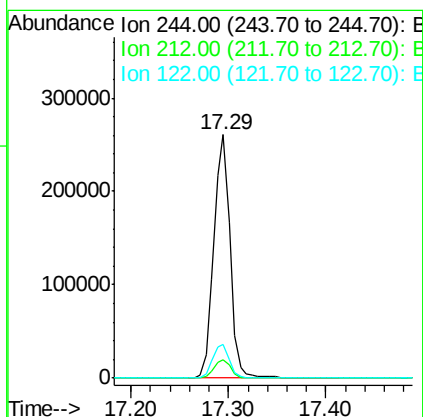
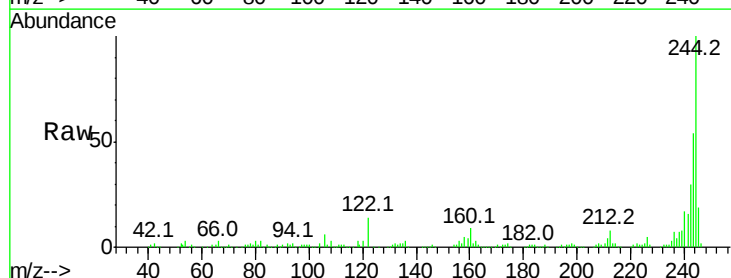
Instrument :
 BNA_F
 ClientSampleId :

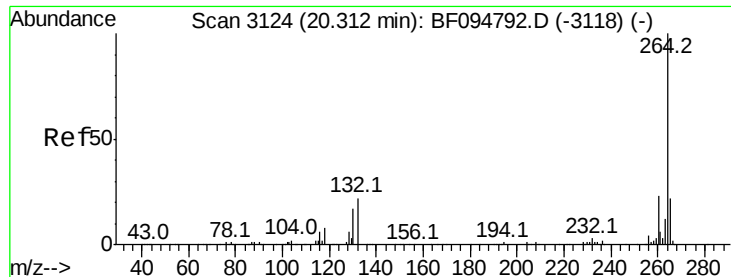
Tot Ion:240 Resp: 15791
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 35.4 20.5 30.7#



#78
 Terphenyl-d14
 Concen: 420.75 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094924.D
 Acq: 5 May 2017 19:05

Tgt Ion:244 Resp: 301649
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.8 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.33 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 169
Ion Ratio Lower Upper
264 100
260 72.4 19.5 29.3#
265 0.0 17.2 25.8#

