

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094094.D
 Acq On : 31 Mar 2017 14:21
 Operator : SJ/MA
 Sample : I2474-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 23:06:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

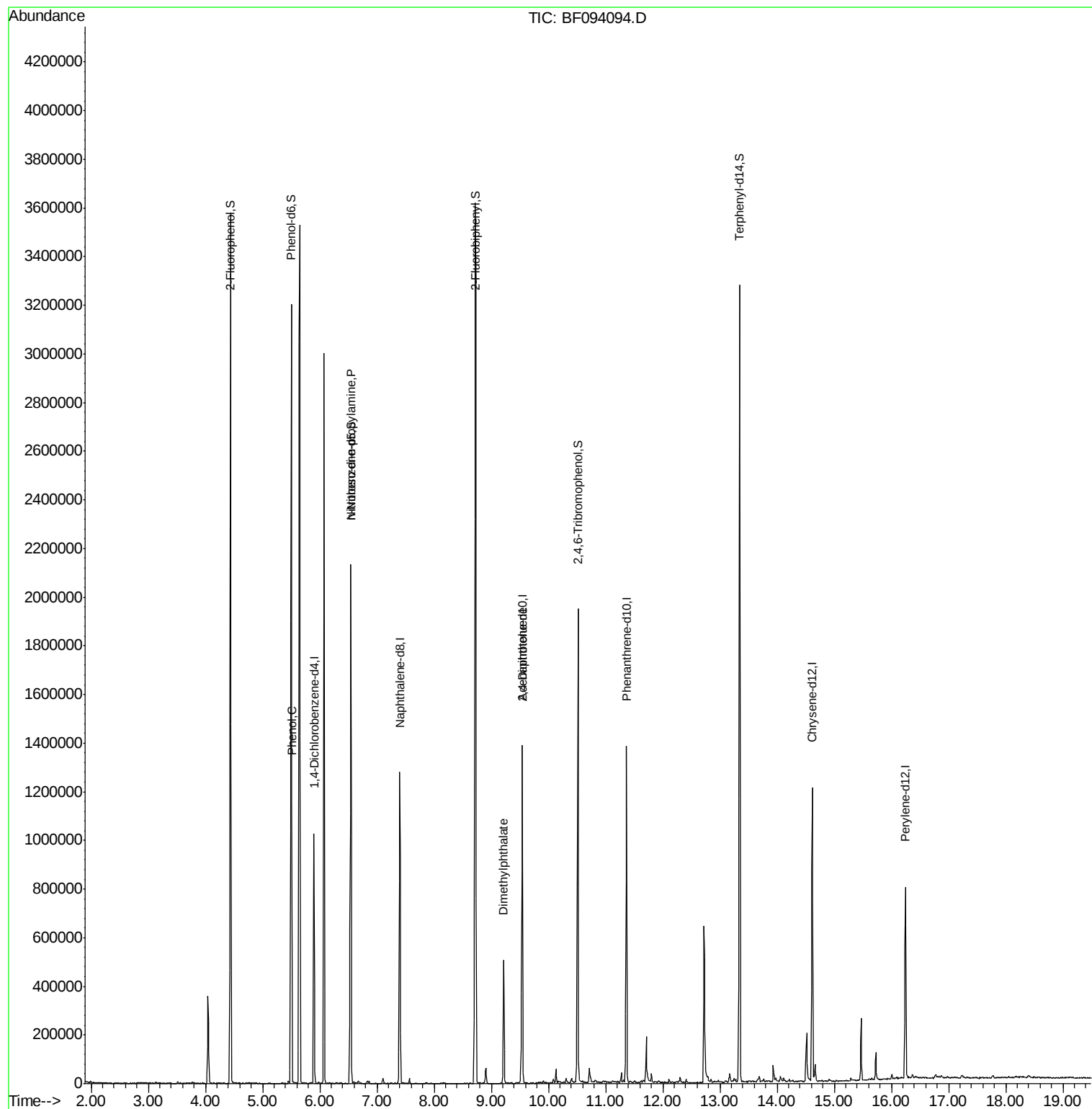
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	173317	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	692178	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	320325	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	558783	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	445814	20.00	ng	-0.01
86) Perylene-d12	16.24	264	312008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1068626	104.14	ng	0.00
7) Phenol-d6	5.50	99	1360576	107.18	ng	0.00
23) Nitrobenzene-d5	6.55	82	862202	71.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	273602	108.09	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1514112	72.10	ng	-0.01
78) Terphenyl-d14	13.34	244	1202942	60.48	ng	0.00
Target Compounds						
10) Phenol	5.52	94	58400	4.04	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.55	70	114508	14.04	ng	# 75
49) Dimethylphthalate	9.22	163	250890	11.02	ng	98
56) 2,4-Dinitrotoluene	9.54	165	40297	6.15	ng	# 33

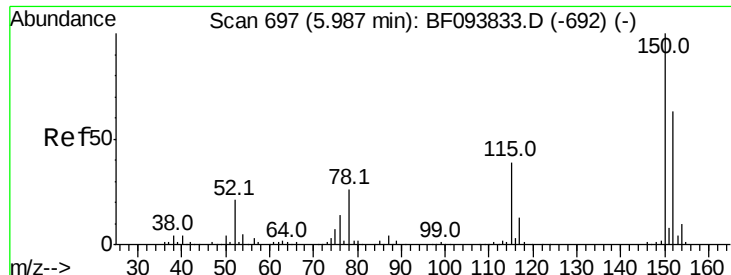
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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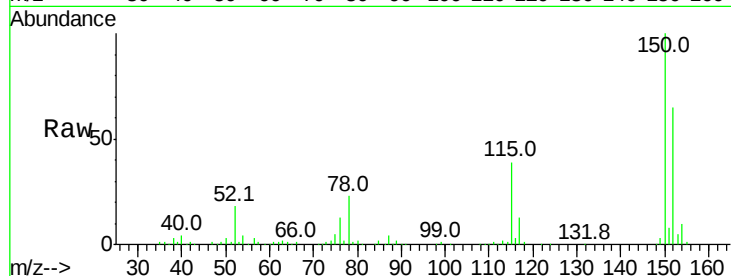


#1

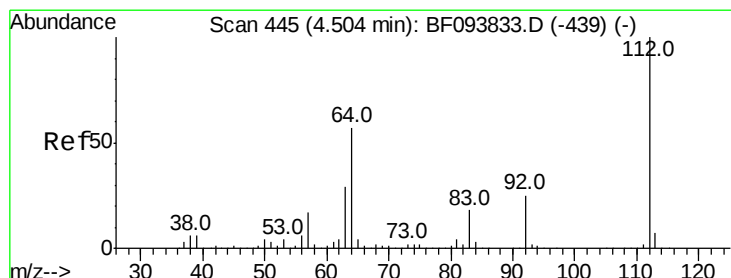
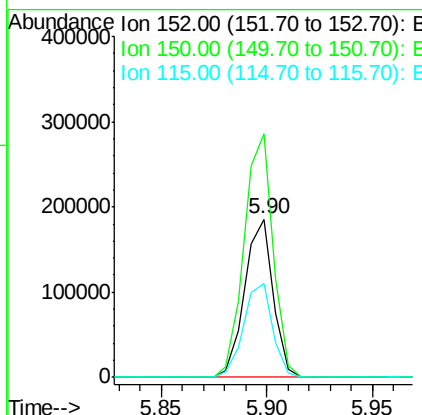
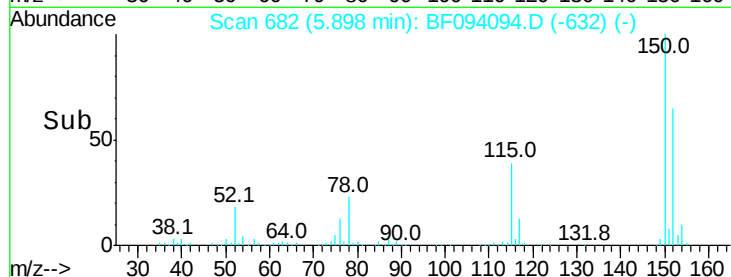
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173317
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 59.6 52.2 78.2



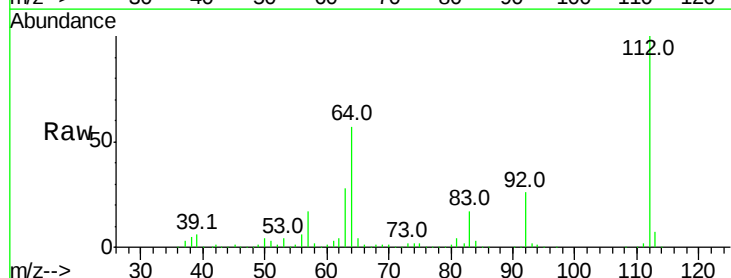
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



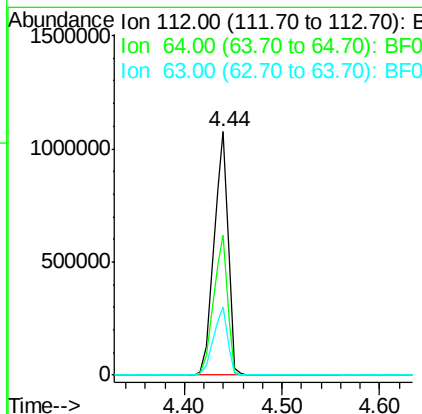
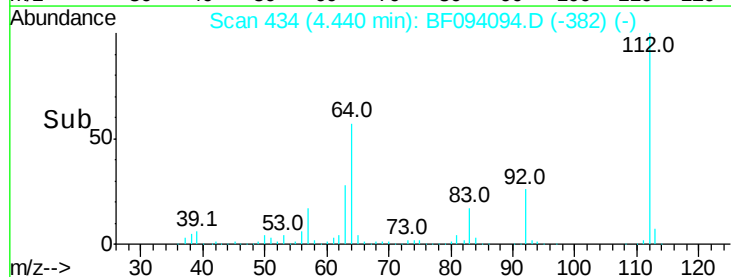
#5

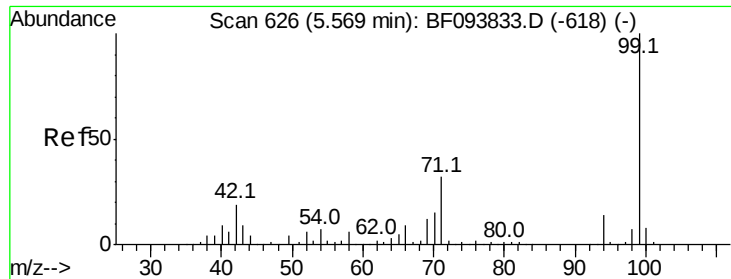
2-Fluorophenol
Concen: 104.14 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:112 Resp: 1068626
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 27.9 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: 107.18 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

Instrument :

BNA_F

ClientSampleId :

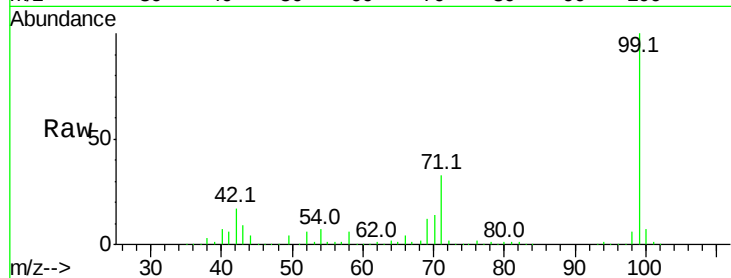
Tot Ion: 99 Resp: 1360576

Ion Ratio Lower Upper

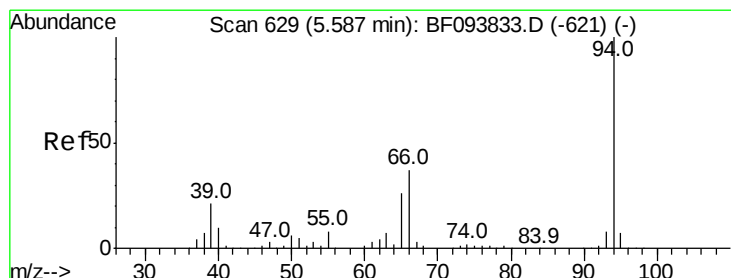
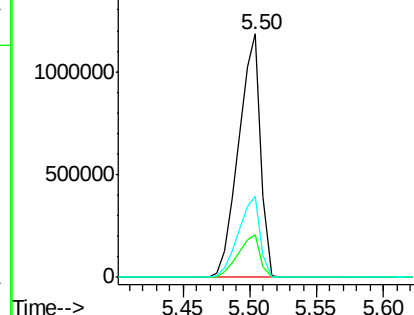
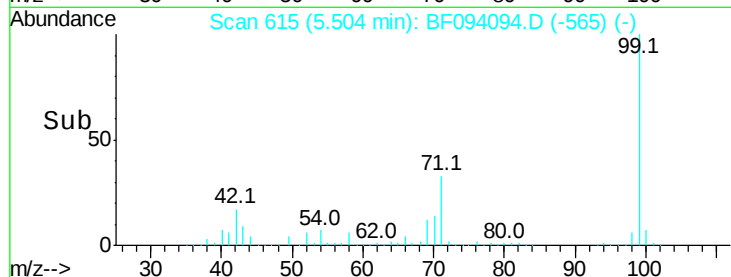
99 100

42 17.5 13.5 20.3

71 33.2 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



#10

Phenol

Concen: 4.04 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

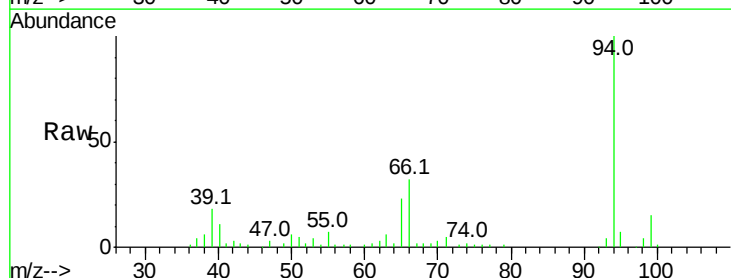
Tgt Ion: 94 Resp: 58400

Ion Ratio Lower Upper

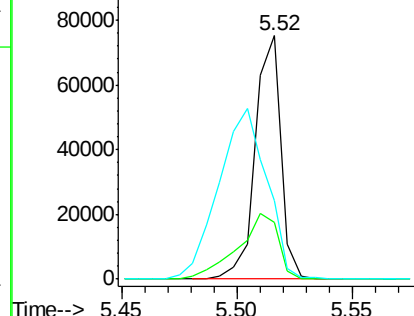
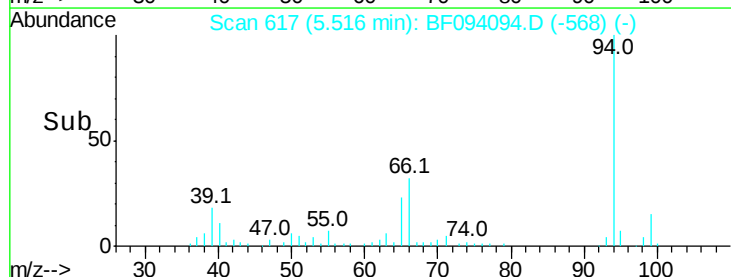
94 100

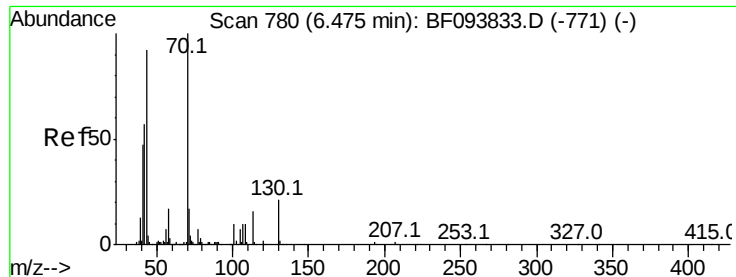
65 23.4 9.9 49.9

66 32.1 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: 14.04 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 114508

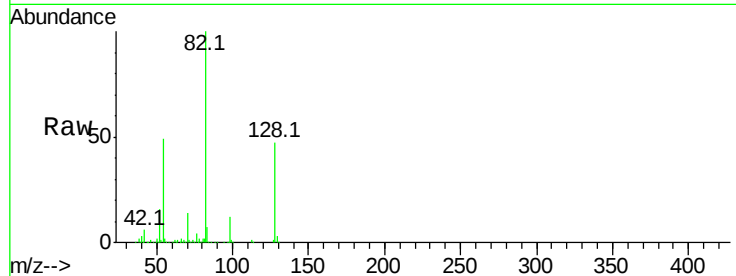
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

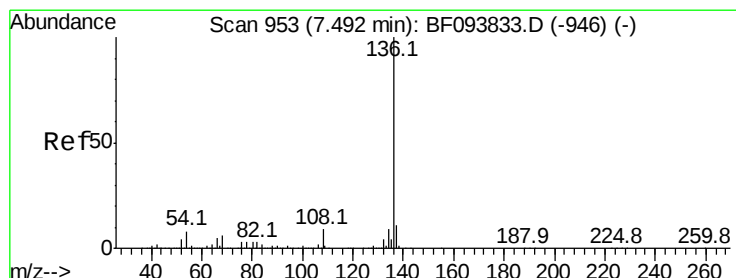
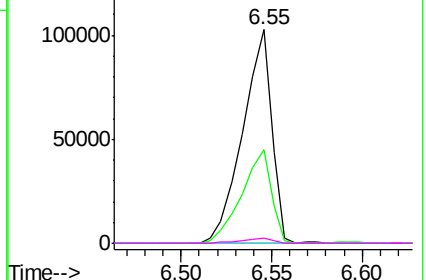
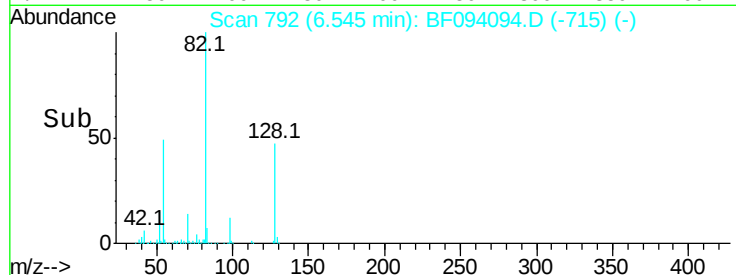


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

Tgt Ion: 136 Resp: 692178

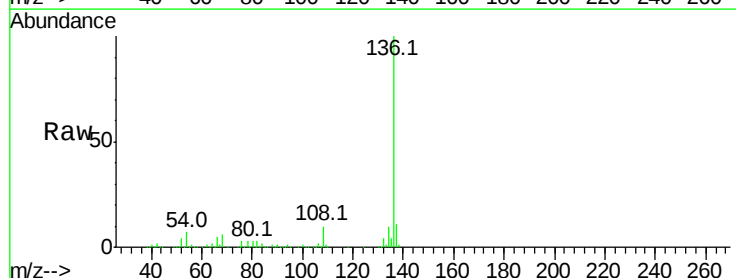
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1

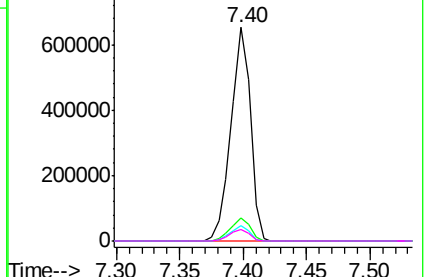
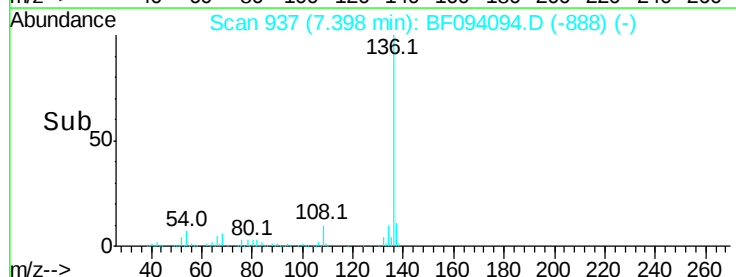


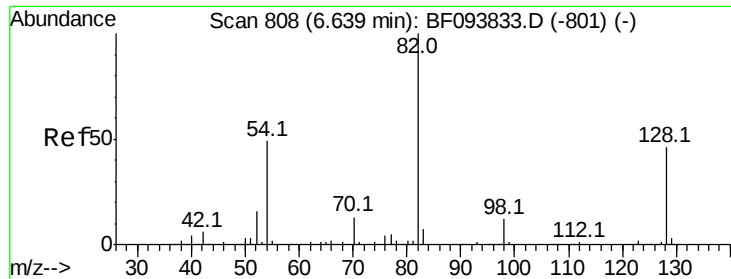
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

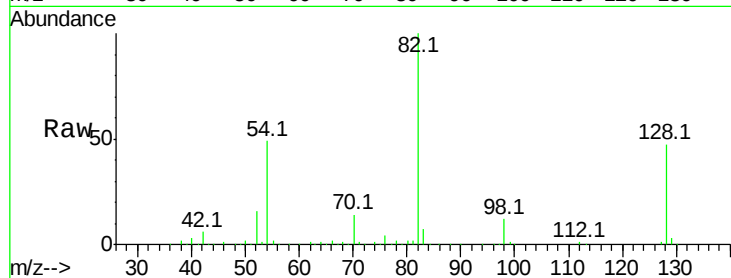




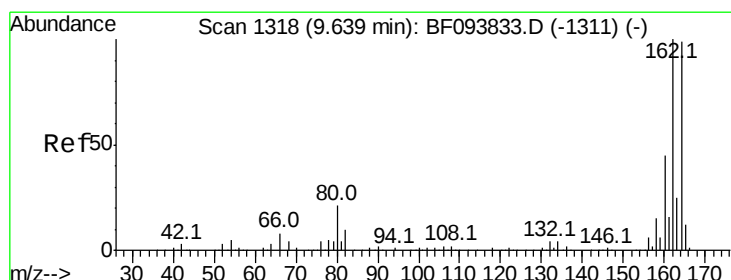
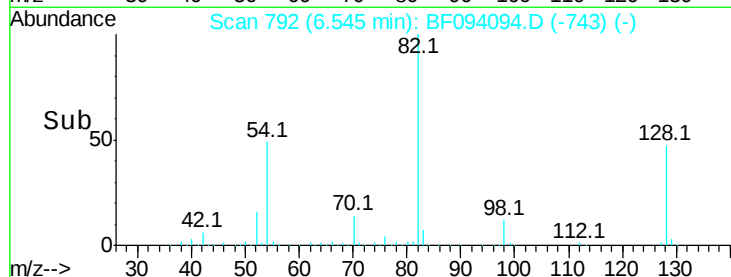
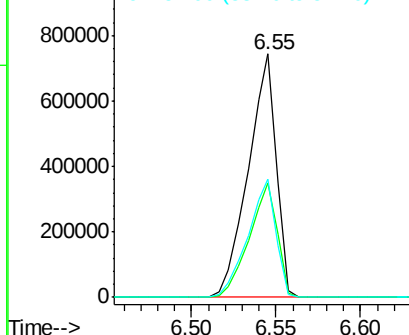
#23
 Nitrobenzene-d5
 Concen: 71.09 ng
 RT: 6.55 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 862202
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 48.5 42.2 63.2

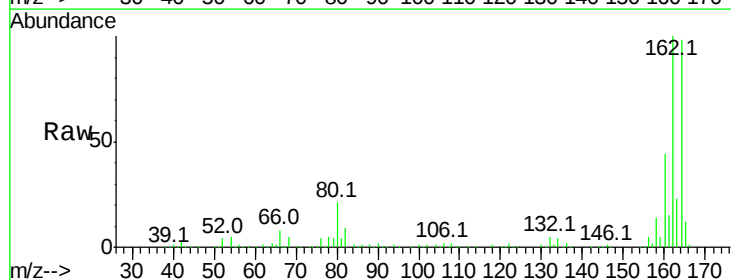


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

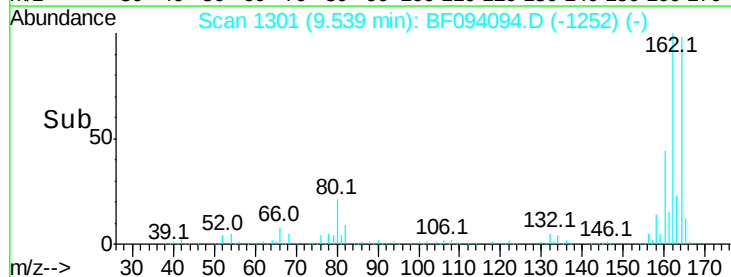
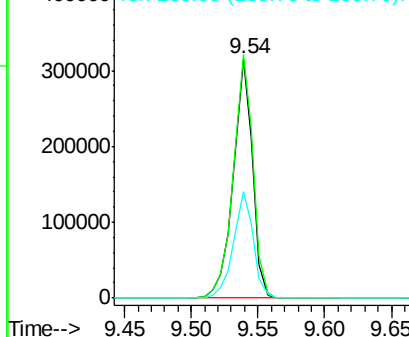


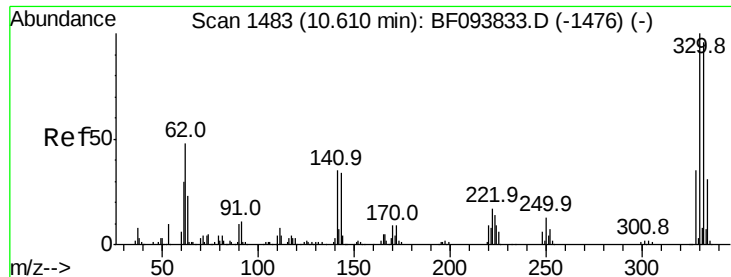
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Tgt Ion:164 Resp: 320325
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 44.5 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: 108.09 ng

RT: 10.52 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

Instrument :

BNA_F

ClientSampleId :

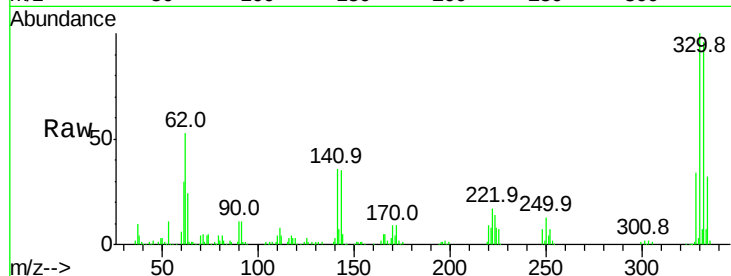
Tot Ion:330 Resp: 273602

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

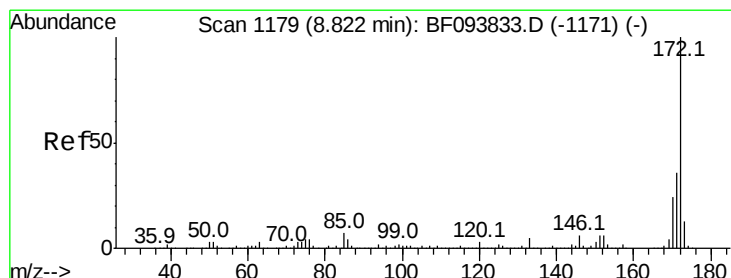
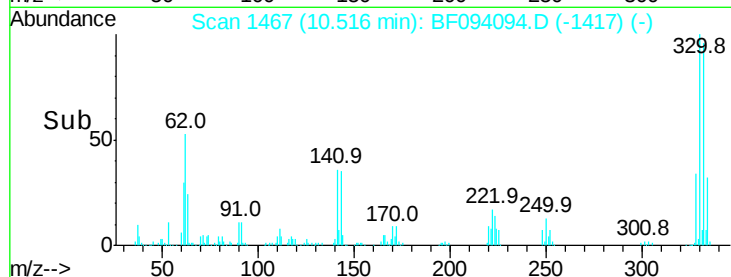
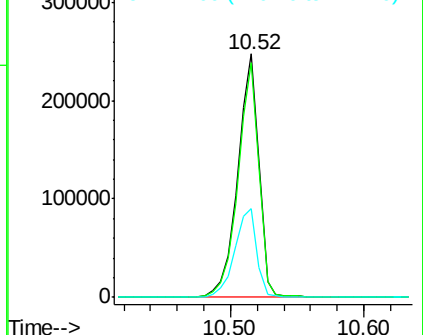
141 38.4 31.4 47.2



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: 72.10 ng

RT: 8.72 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

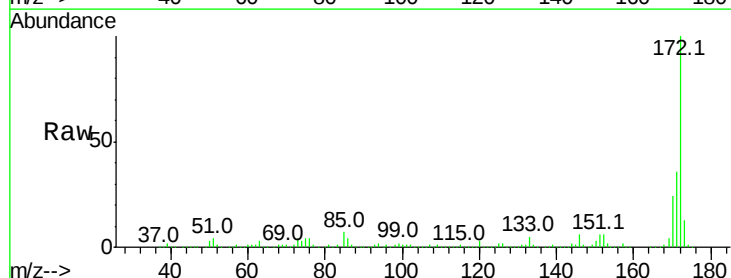
Tgt Ion:172 Resp: 1514112

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

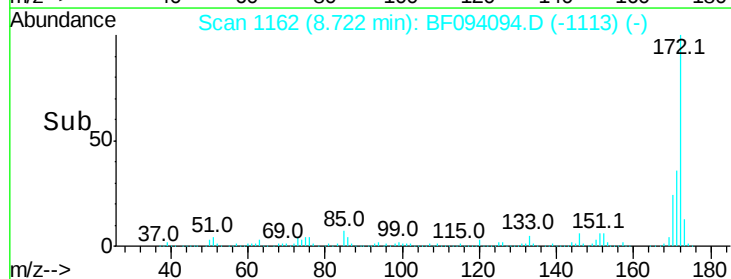
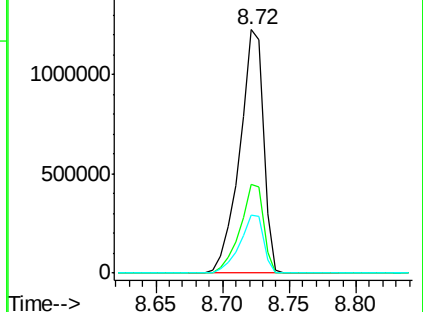
170 24.0 19.8 29.8

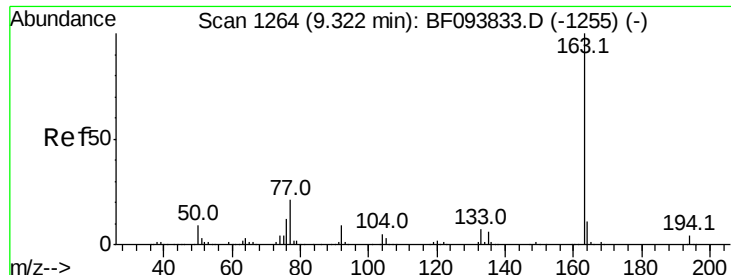


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

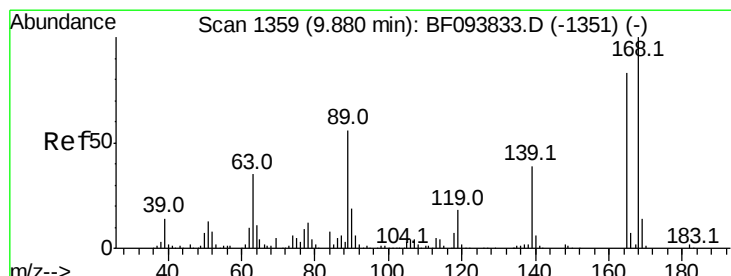
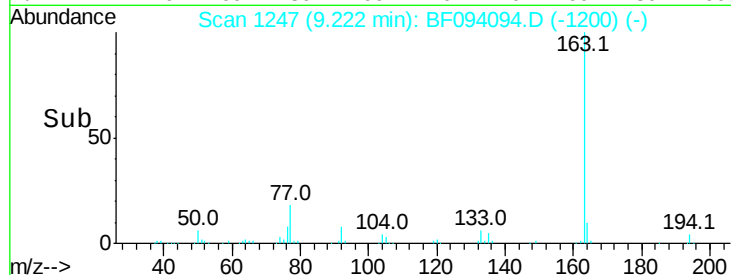
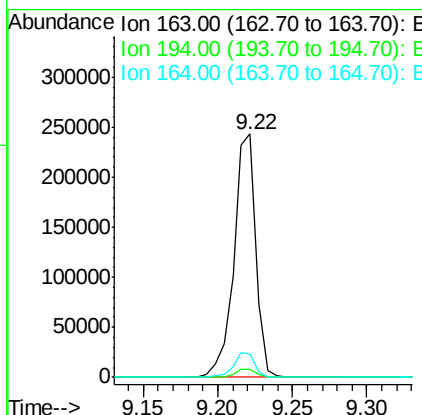
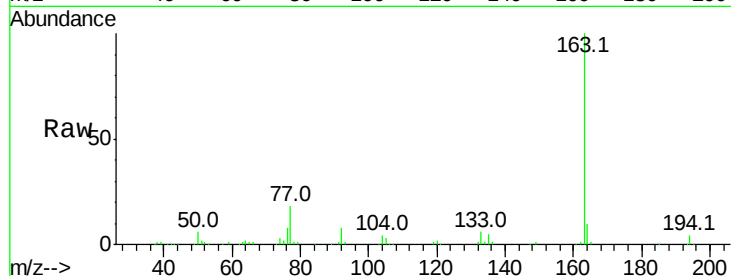




#49
Dimethylphthalate
Concen: 11.02 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

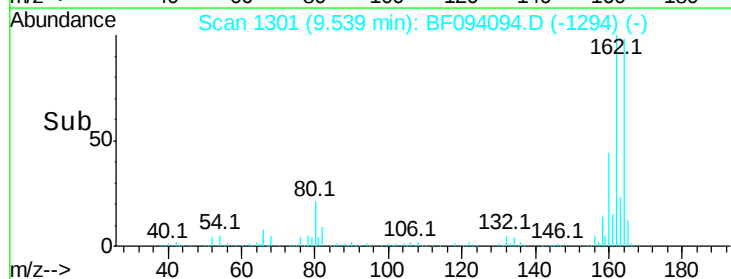
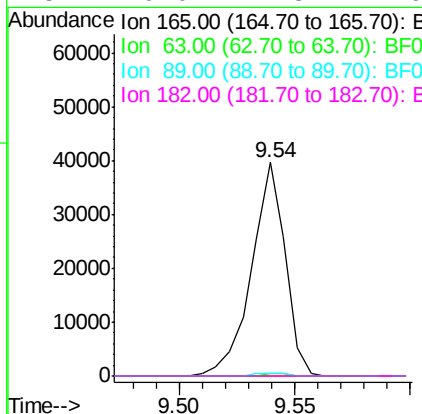
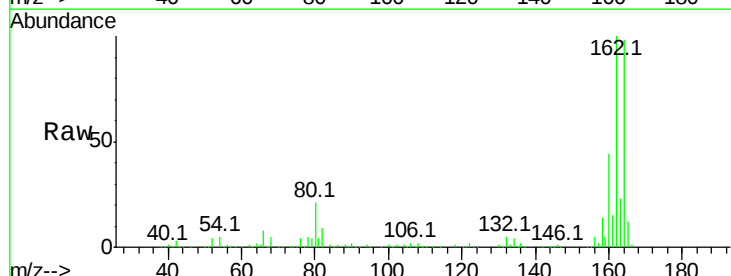
Instrument :
BNA_F
ClientSampled :

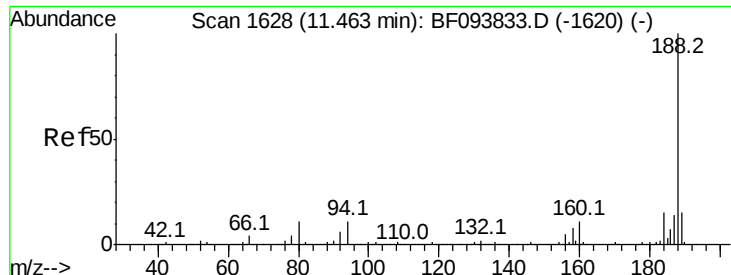
Tot Ion:163 Resp: 250890
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.5 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.26 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:165 Resp: 40297
Ion Ratio Lower Upper
165 100
63 1.3 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#

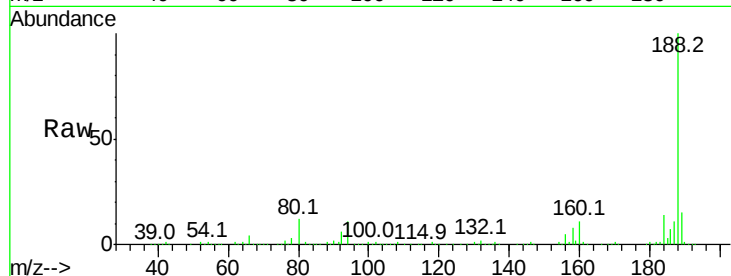




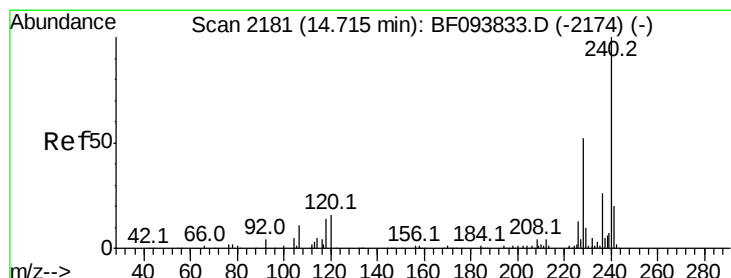
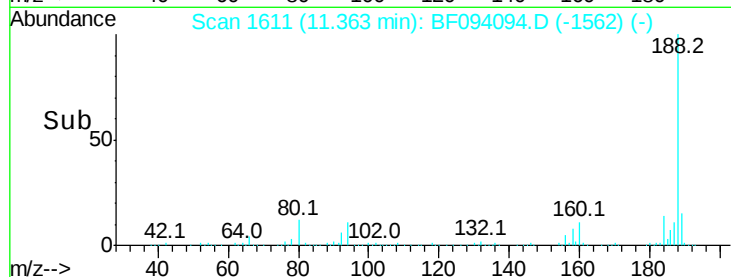
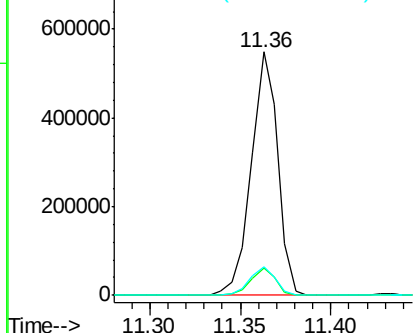
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 558783
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2

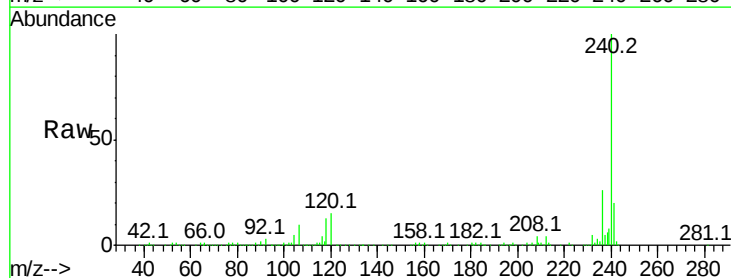


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

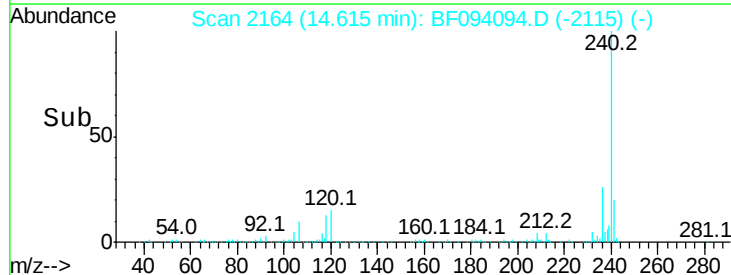
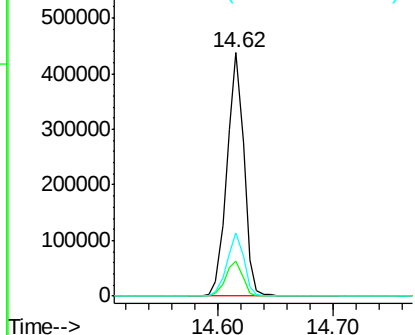


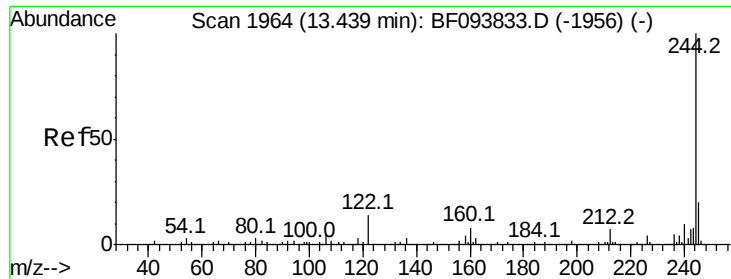
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:240 Resp: 445814
Ion Ratio Lower Upper
240 100
120 14.5 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

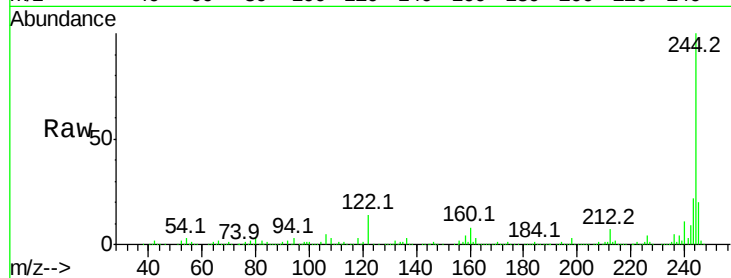




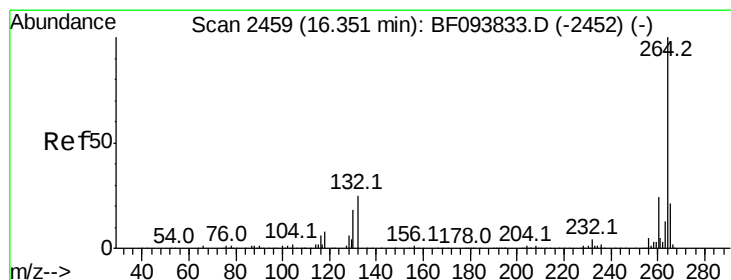
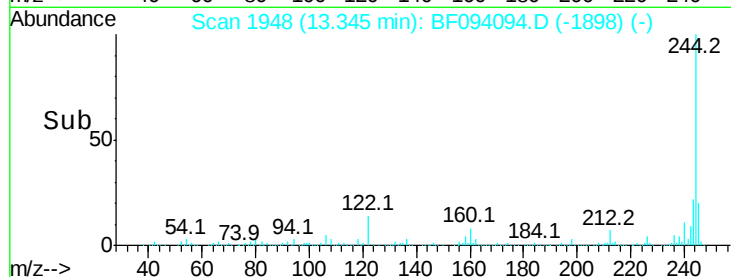
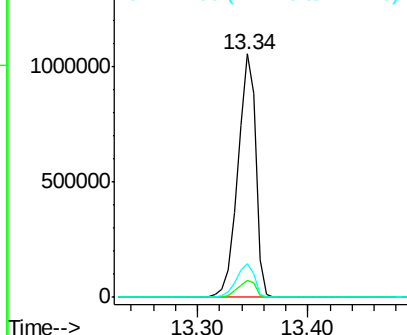
#78
 Terphenyl-d14
 Concen: 60.48 ng
 RT: 13.34 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1202942
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5

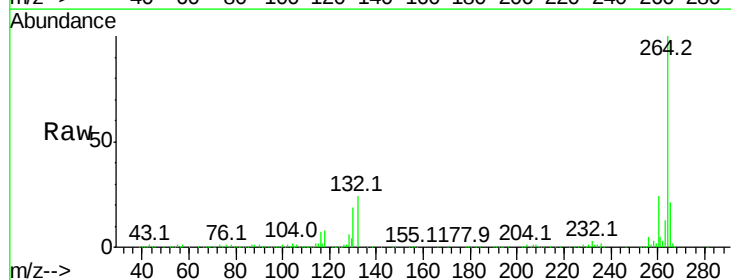


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Tgt Ion:264 Resp: 312008
 Ion Ratio Lower Upper
 264 100
 260 24.2 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

