

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094124.D
 Acq On : 3 Apr 2017 16:48
 Operator : SJ/MA
 Sample : I2501-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 04 01:04:30 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

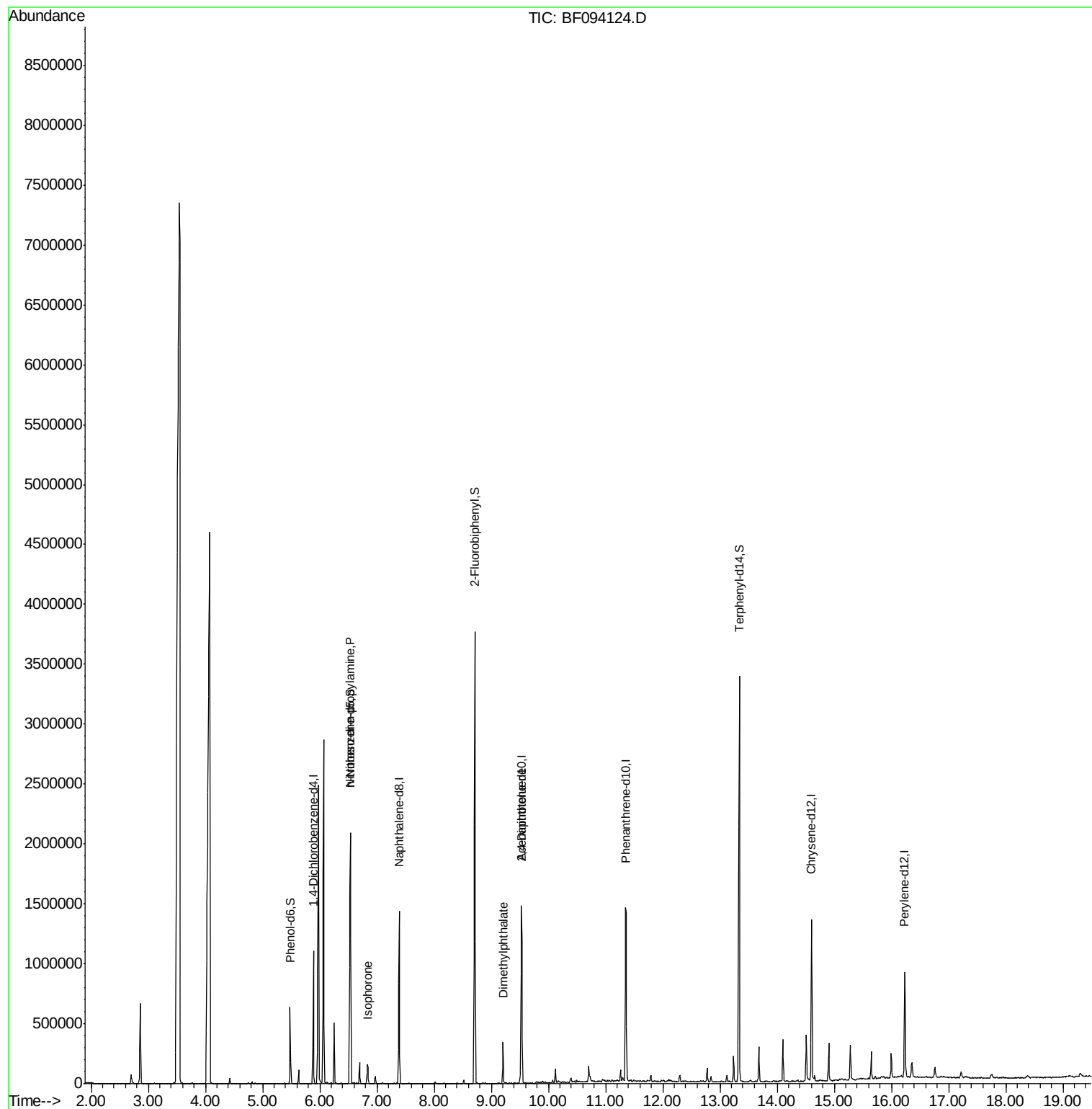
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	176107	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	713809	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	336208	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	612860	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	516046	20.00	ng	-0.02
86) Perylene-d12	16.24	264	371747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	12776	1.23	ng	-0.01
7) Phenol-d6	5.48	99	236080	18.30	ng	-0.03
23) Nitrobenzene-d5	6.53	82	803044	64.20	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.72	172	1504351	68.25	ng	-0.02
78) Terphenyl-d14	13.34	244	1311989	56.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	104447	12.60	ng	# 79
25) Isophorone	6.83	82	68737	3.13	ng	95
49) Dimethylphthalate	9.21	163	162932	6.82	ng	97
56) 2,4-Dinitrotoluene	9.53	165	42807	6.22	ng	# 34

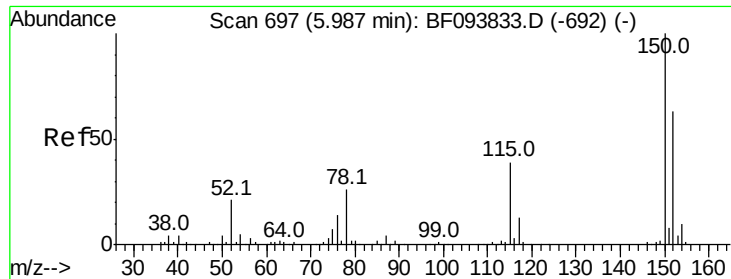
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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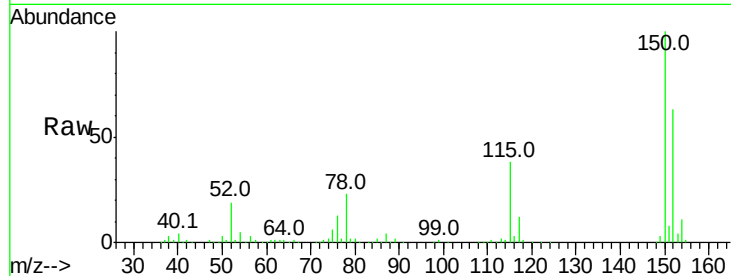


#1

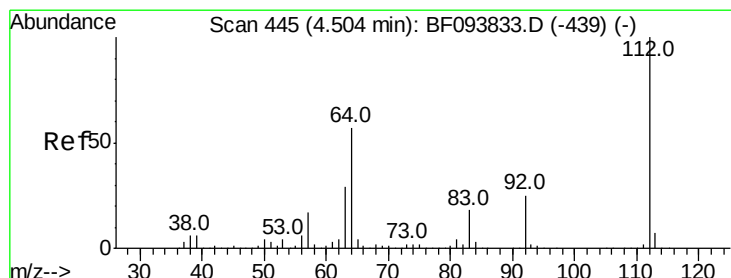
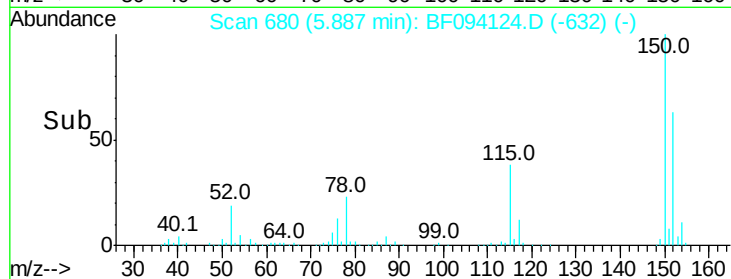
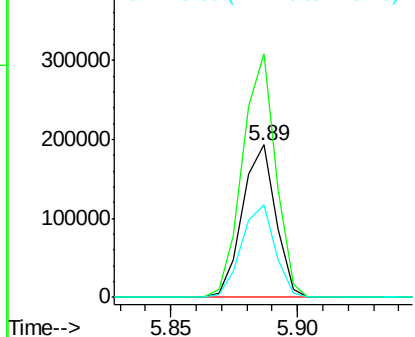
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094124.D
Acq: 3 Apr 2017 16:48

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 176107
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 60.5 52.2 78.2



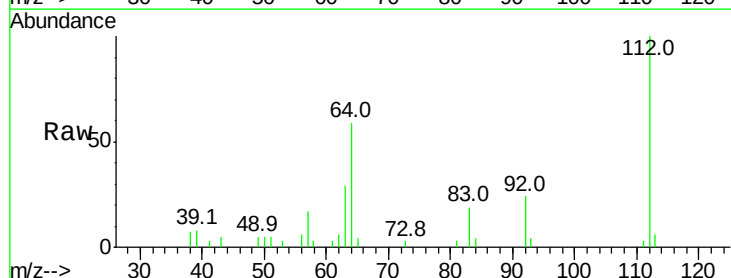
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



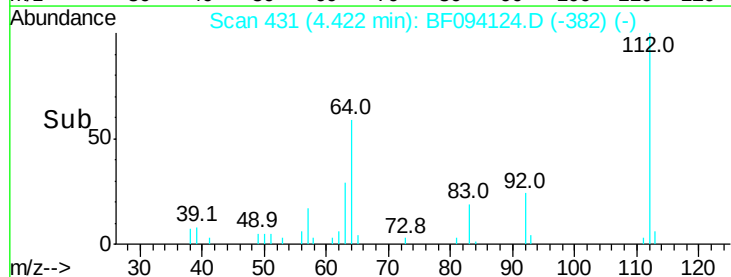
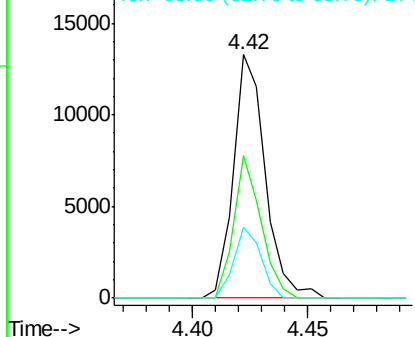
#5

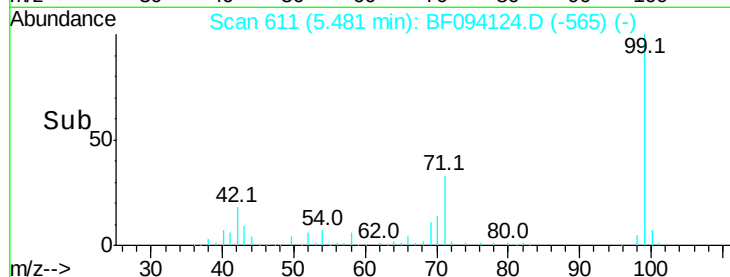
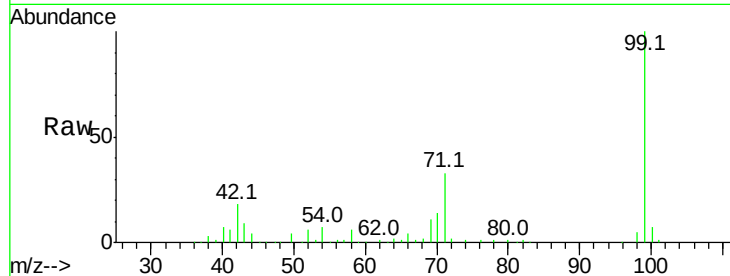
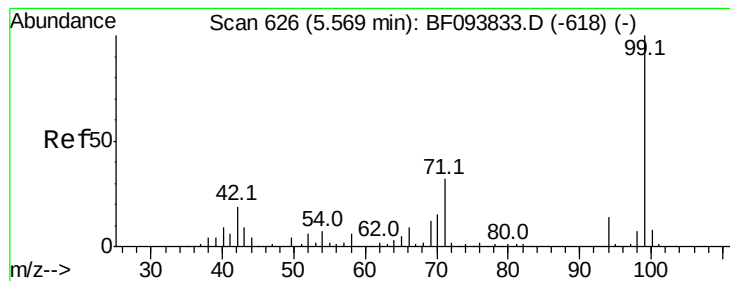
2-Fluorophenol
Concen: 1.23 ng
RT: 4.42 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF094124.D
Acq: 3 Apr 2017 16:48

Tgt Ion:112 Resp: 12776
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.3 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: 18.30 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TP-3

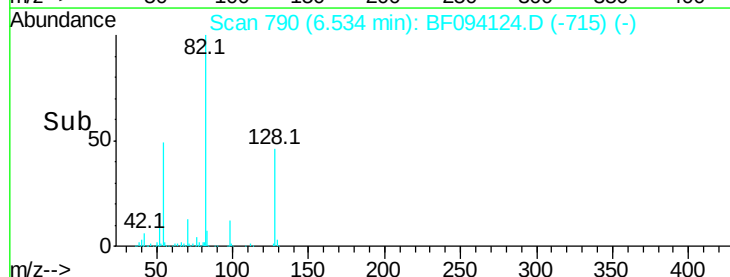
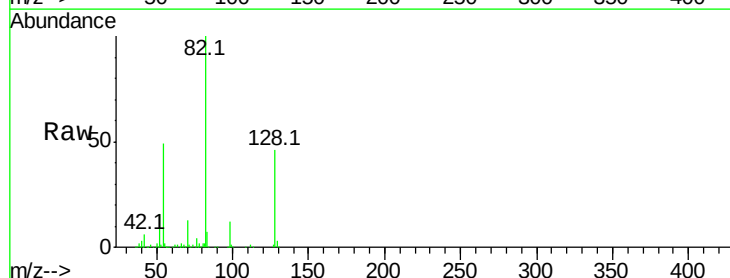
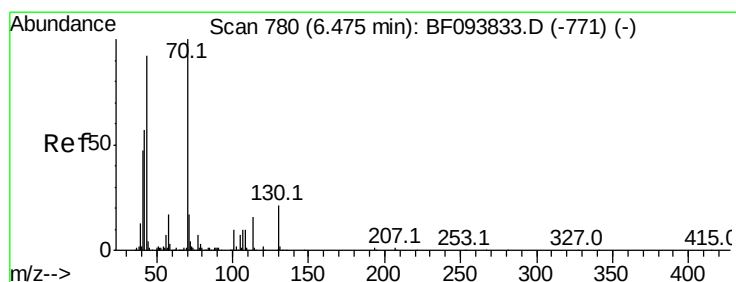
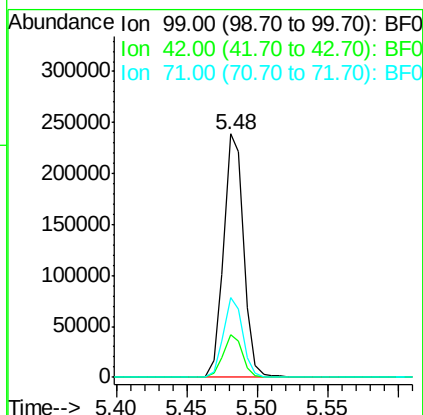
Tot Ion: 99 Resp: 236080

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.60 ng

RT: 6.53 min Scan# 790

Delta R.T. 0.14 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Tgt Ion: 70 Resp: 104447

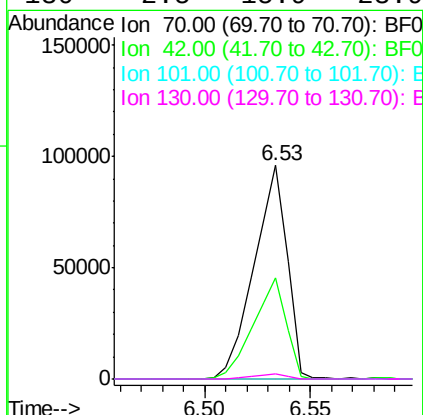
Ion Ratio Lower Upper

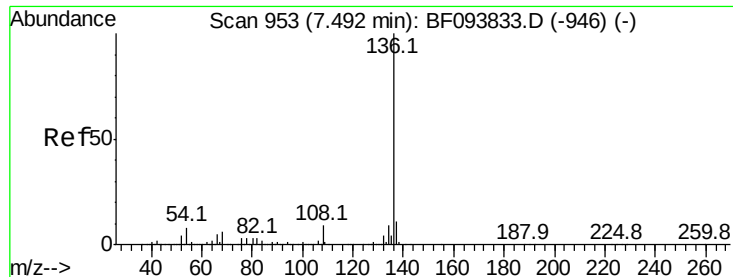
70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion:136 Resp: 713809

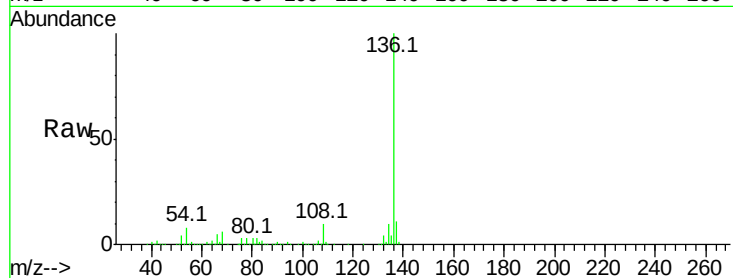
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.8 4.9 7.3#

68 6.4 4.1 6.1#

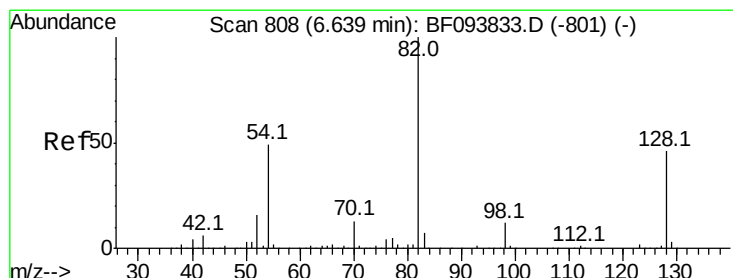
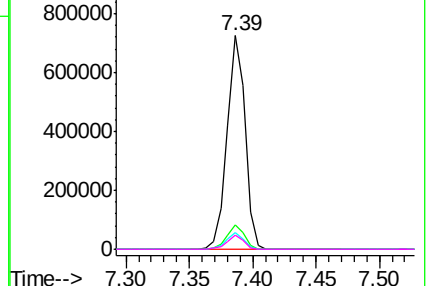
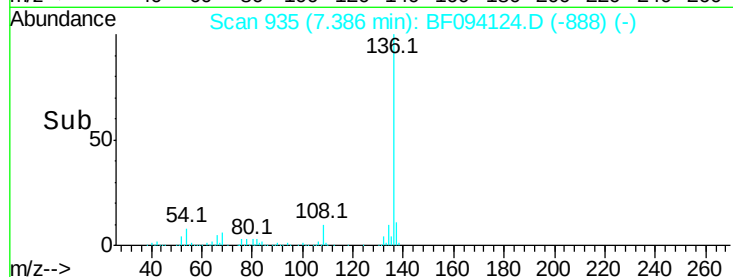


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.20 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

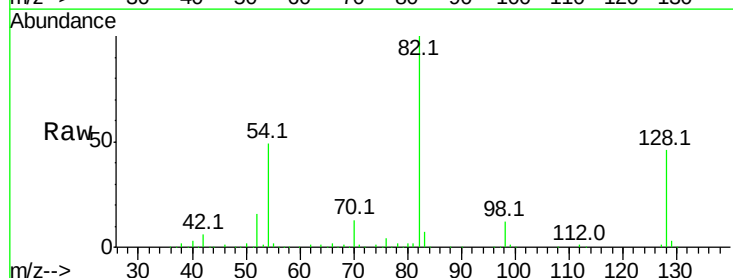
Tgt Ion: 82 Resp: 803044

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

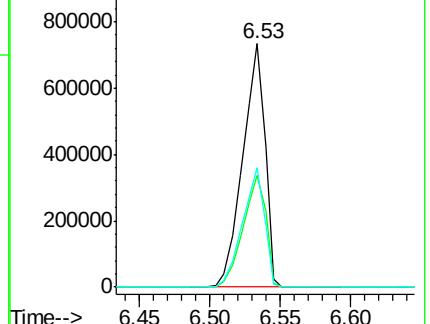
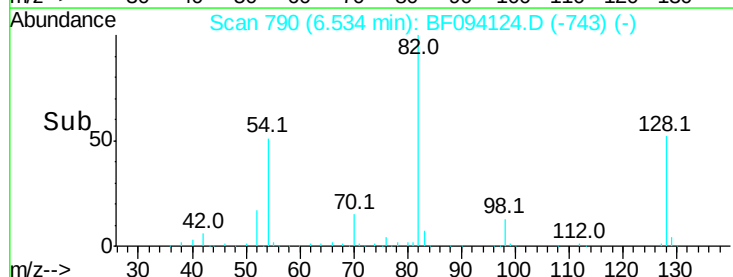
54 48.9 42.2 63.2

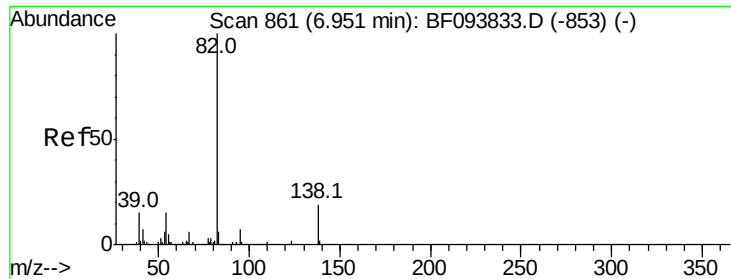


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 3.13 ng

RT: 6.83 min Scan# 841

Delta R.T. -0.04 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TP-3

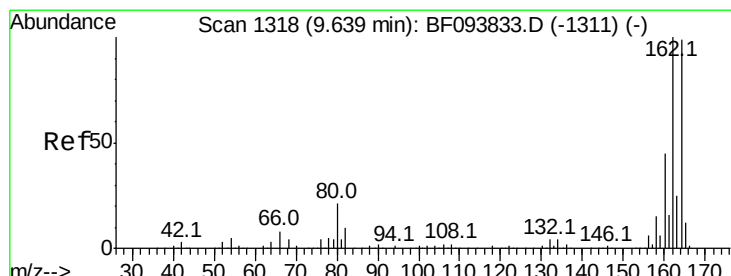
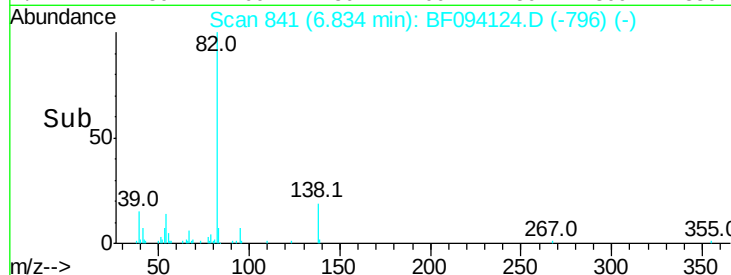
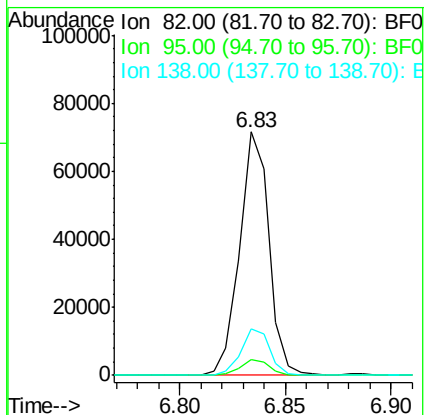
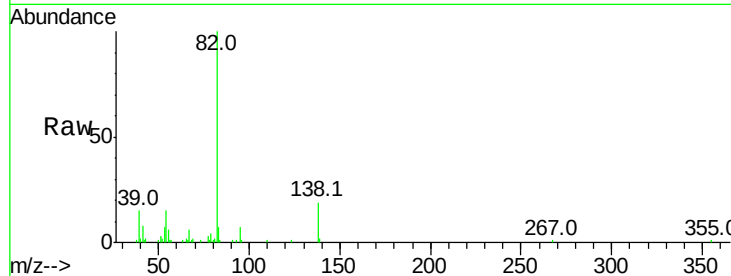
Tot Ion: 82 Resp: 68737

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.1 13.1 19.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

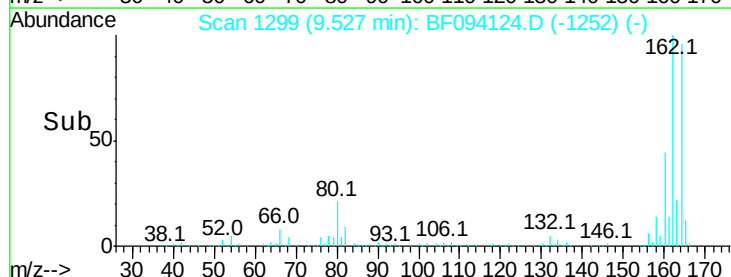
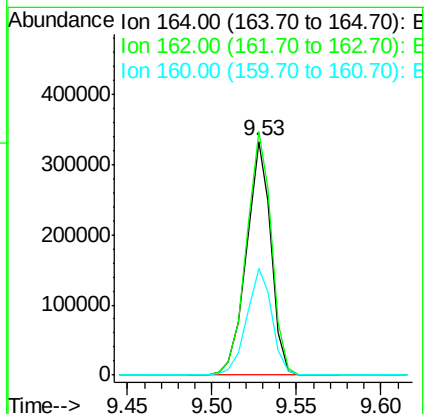
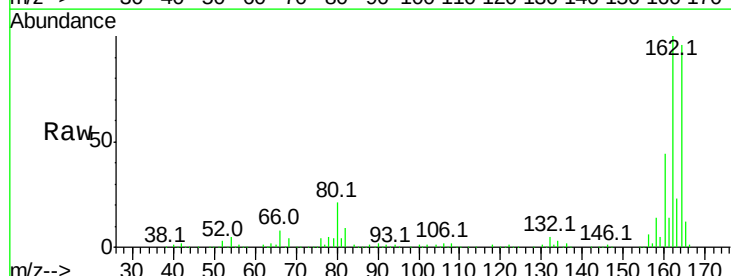
Tgt Ion: 164 Resp: 336208

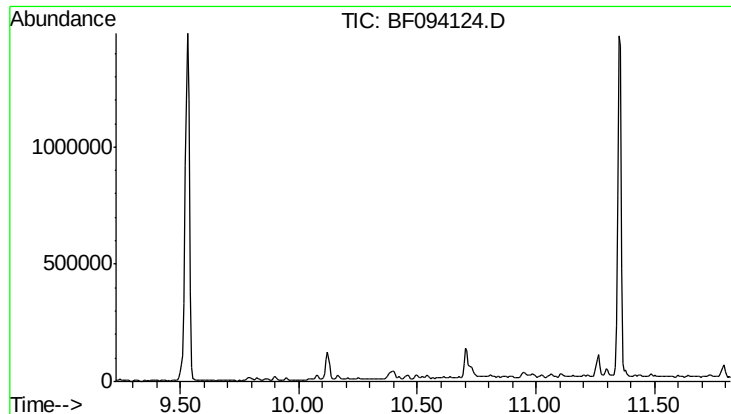
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 45.8 36.2 54.2

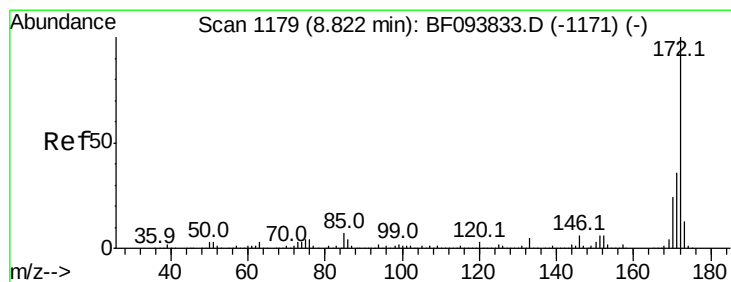
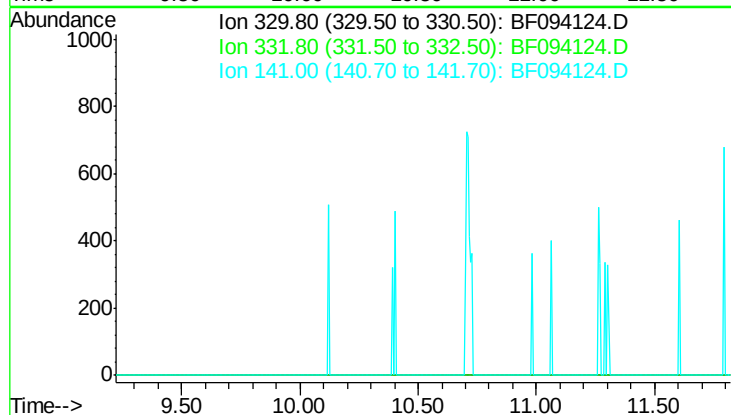




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.52 min
 Lab File: BF094124.D
 Acq: 3 Apr 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

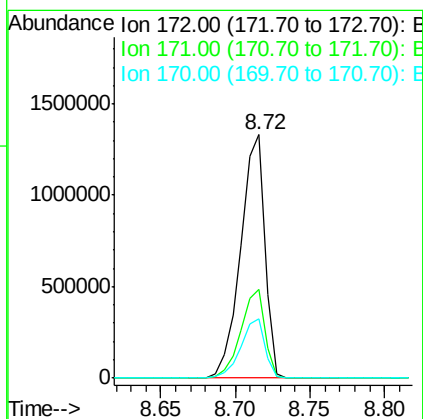
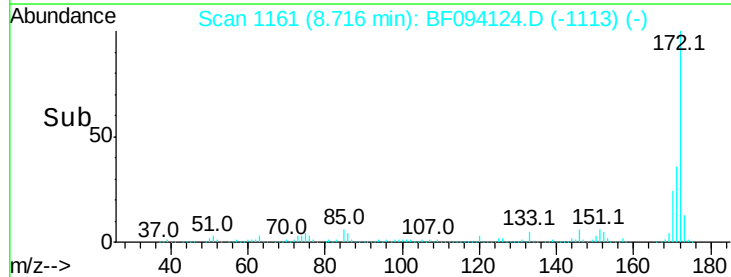
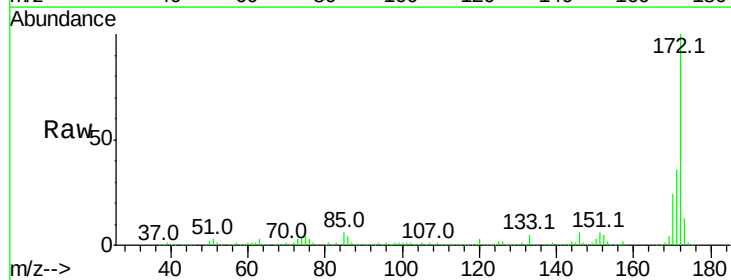
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3

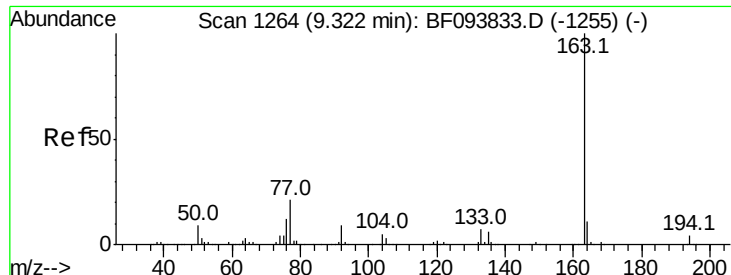


#44
 2-Fluorobiphenyl
 Concen: 68.25 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094124.D
 Acq: 3 Apr 2017 16:48

Tgt Ion:172 Resp: 1504351

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 6.82 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TP-3

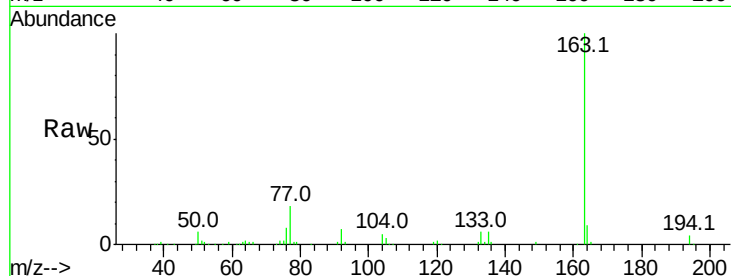
Tot Ion:163 Resp: 162932

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

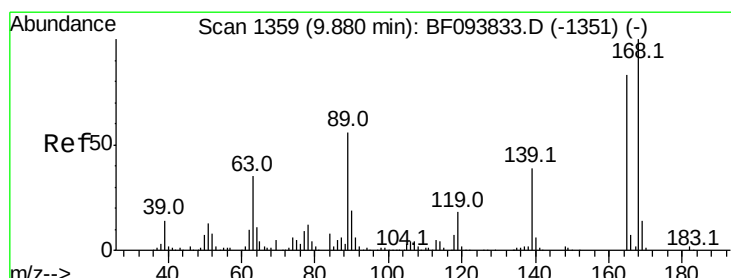
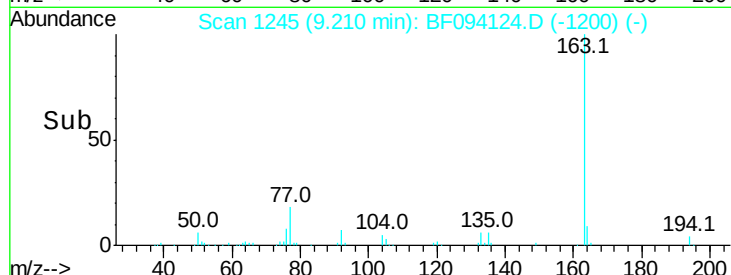
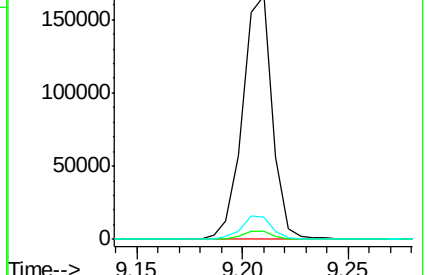
164 9.1 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.27 min

Lab File: BF094124.D

Acq: 3 Apr 2017 16:48

Tgt Ion:165 Resp: 42807

Ion Ratio Lower Upper

165 100

63 2.2 25.4 38.0#

89 1.8 46.4 69.6#

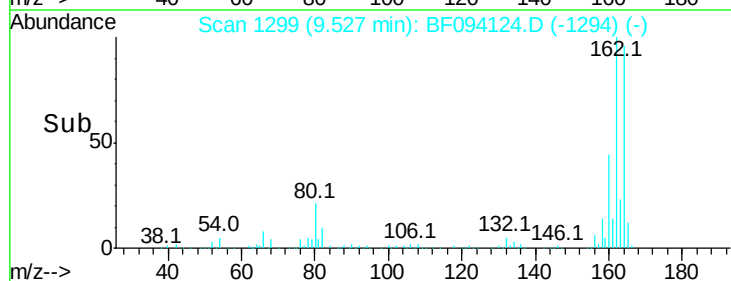
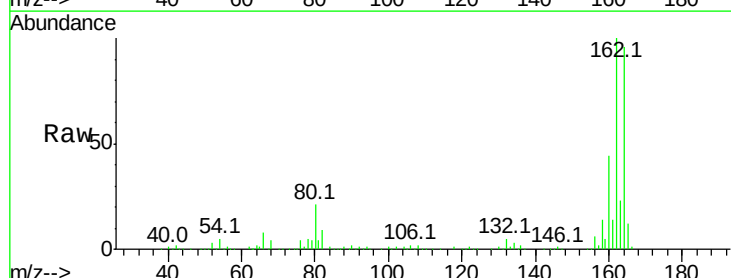
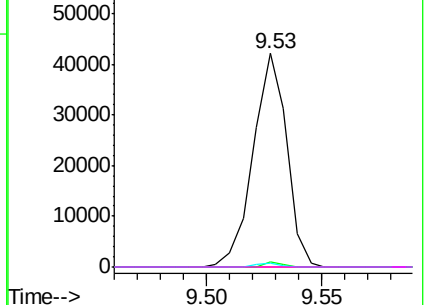
182 0.0 1.8 2.6#

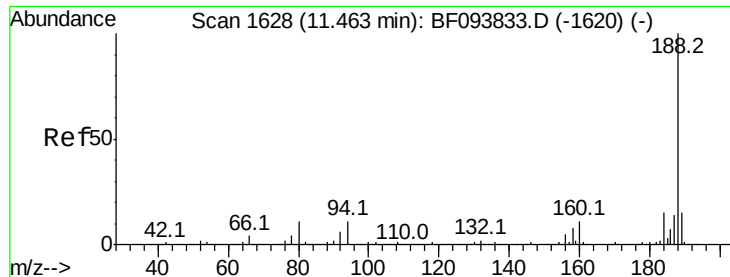
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

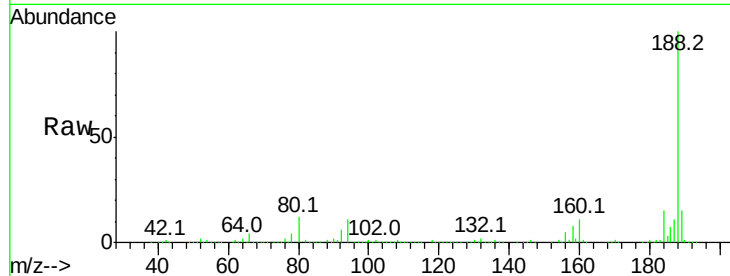




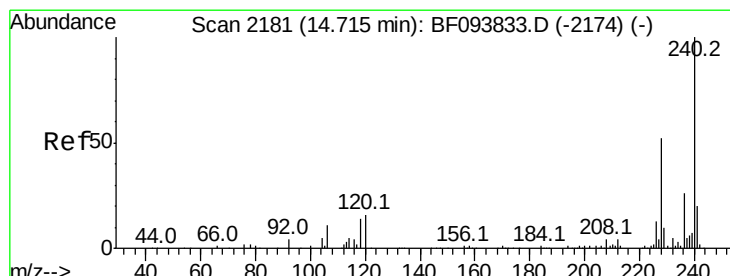
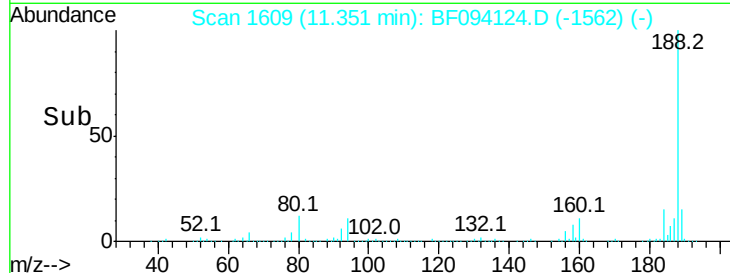
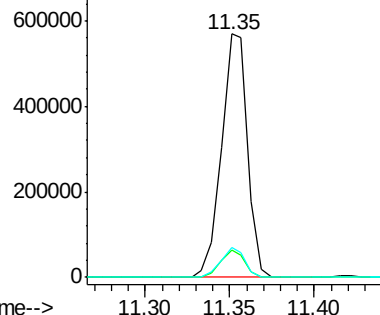
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BF094124.D
Acq: 3 Apr 2017 16:48

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:188 Resp: 612860
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2

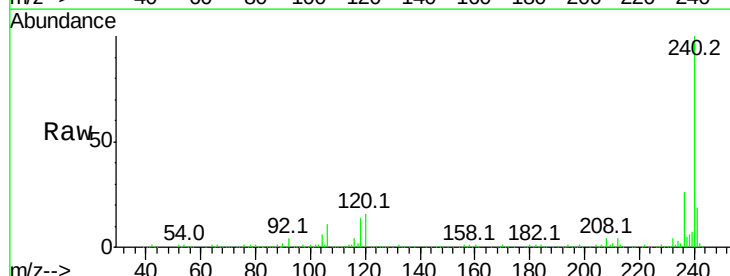


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

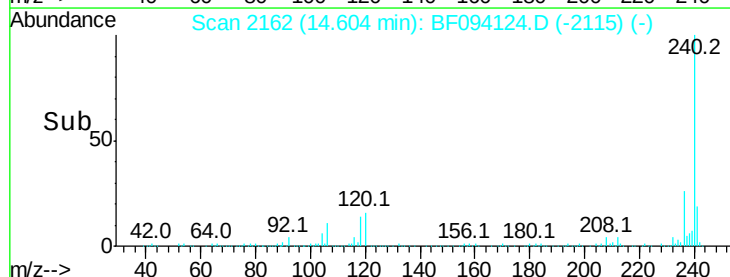
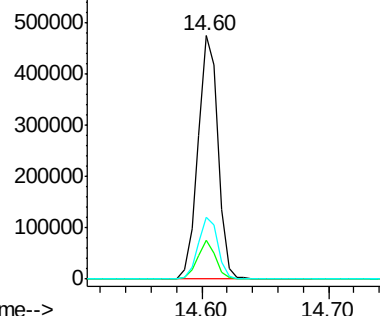


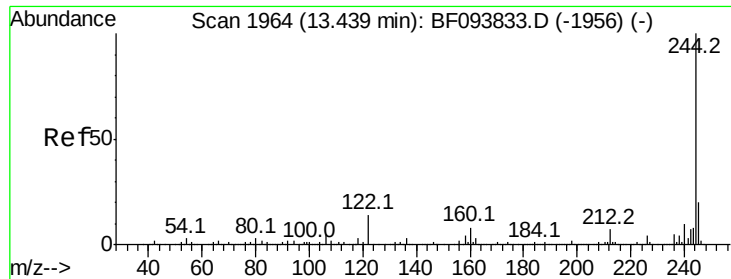
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF094124.D
Acq: 3 Apr 2017 16:48

Tgt Ion:240 Resp: 516046
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.6 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

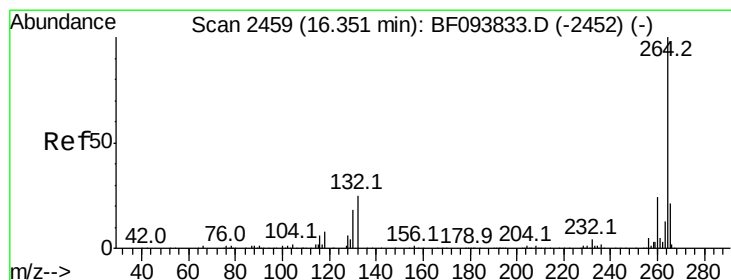
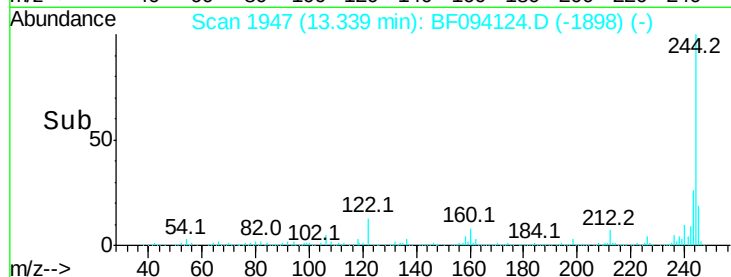
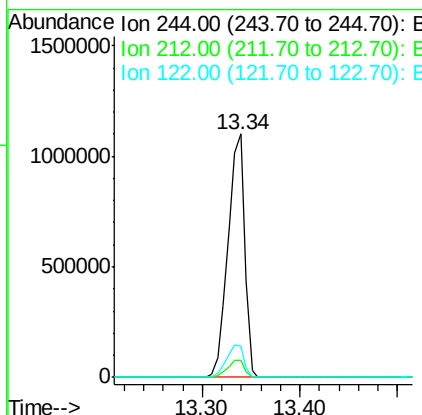
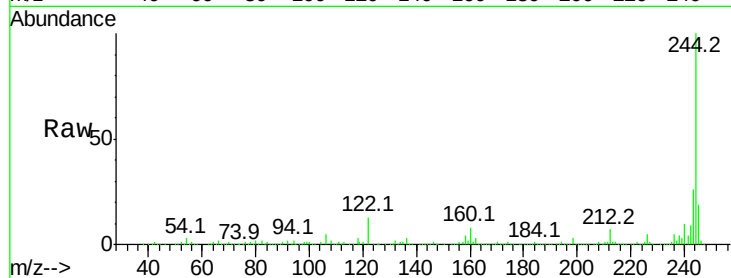




#78
 Terphenyl-d14
 Concen: 56.99 ng
 RT: 13.34 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BF094124.D
 Acq: 3 Apr 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion:244 Resp: 1311989
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094124.D
 Acq: 3 Apr 2017 16:48

Tgt Ion:264 Resp: 371747
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.3 17.2 25.8

