

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094247.D
 Acq On : 7 Apr 2017 2:20
 Operator : SJ/MA
 Sample : I2574-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B50-S1(0-2)

Quant Time: Apr 07 03:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

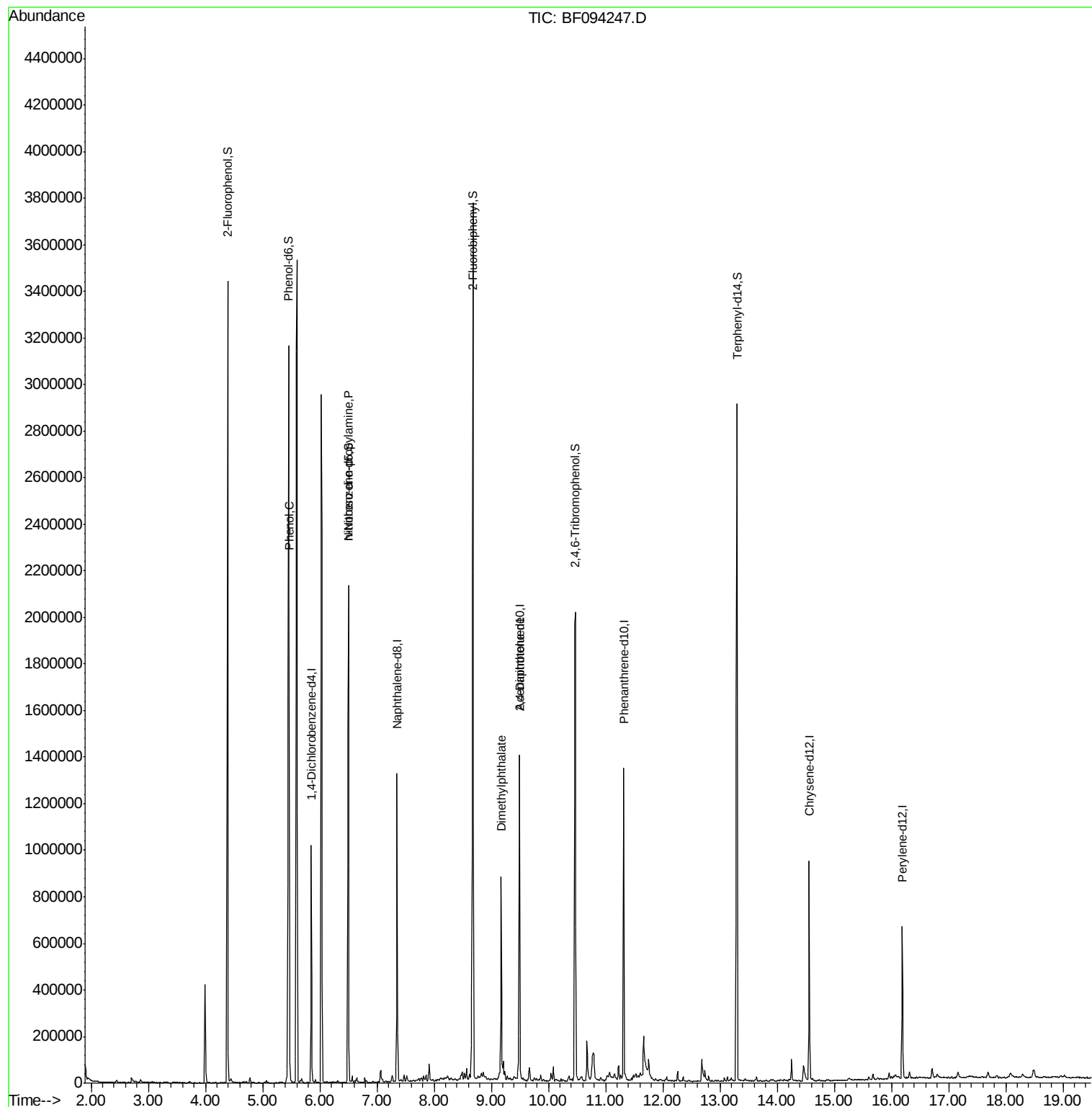
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	160656	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	659145	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	302921	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	521401	20.00	ng	0.00
75) Chrysene-d12	14.56	240	337867	20.00	ng	-0.01
86) Perylene-d12	16.19	264	255740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1049528	110.34	ng	0.00
7) Phenol-d6	5.46	99	1383903	117.61	ng	0.00
23) Nitrobenzene-d5	6.50	82	855004	74.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	278439	116.32	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1489032	74.98	ng	0.00
78) Terphenyl-d14	13.30	244	1060819	70.38	ng	0.00
Target Compounds						
10) Phenol	5.47	94	88931	6.64	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	6.50	70	115036	15.21	ng	# 78
49) Dimethylphthalate	9.17	163	386365	17.94	ng	99
56) 2,4-Dinitrotoluene	9.49	165	38489	6.21	ng	# 33

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B50-S1(0-2)

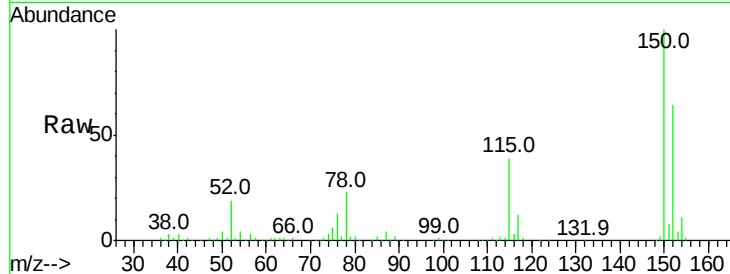
Tot Ion:152 Resp: 160656

Ion Ratio Lower Upper

152 100

150 156.2 126.2 189.2

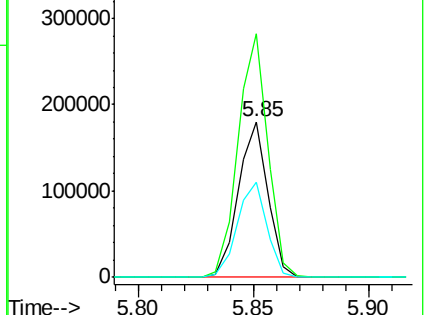
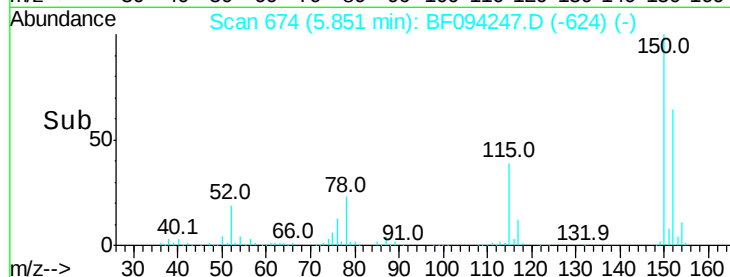
115 60.8 52.2 78.2



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: 110.34 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

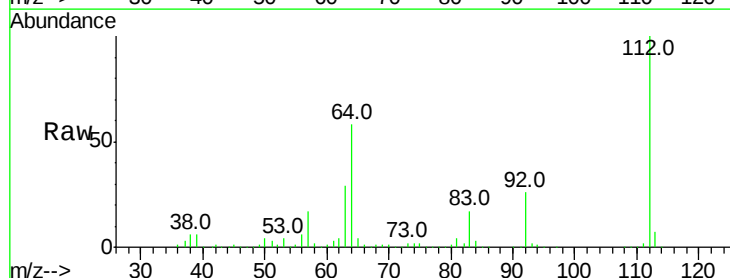
Tgt Ion:112 Resp: 1049528

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

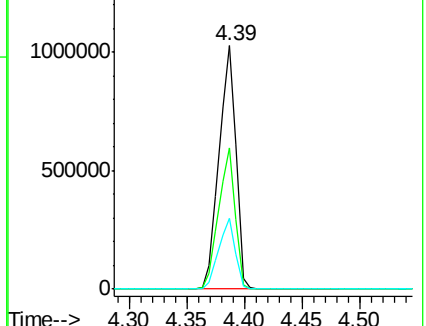
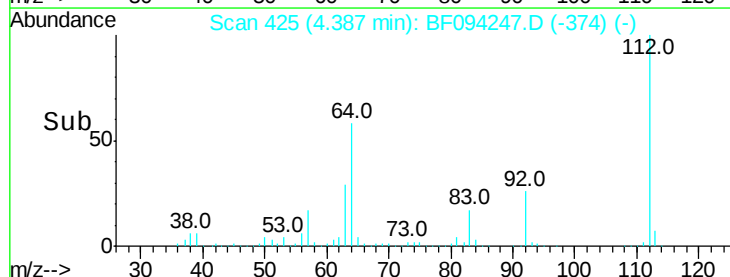
63 29.1 23.4 35.0



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: 117.61 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B50-S1(0-2)

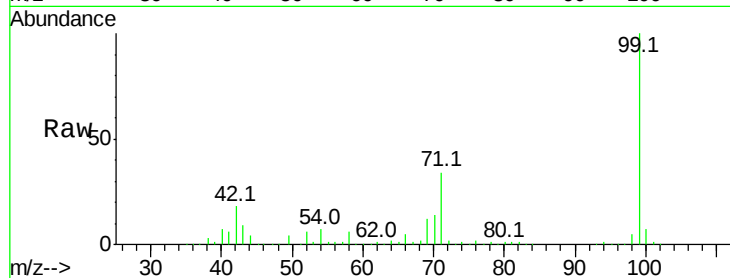
Tot Ion: 99 Resp: 1383903

Ion Ratio Lower Upper

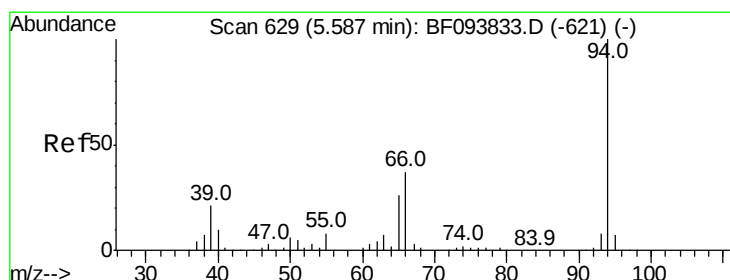
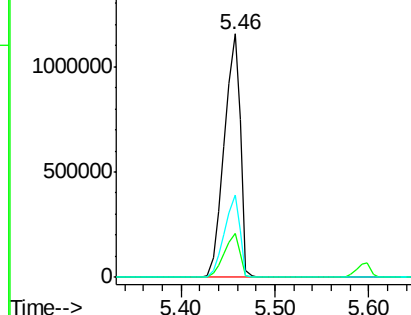
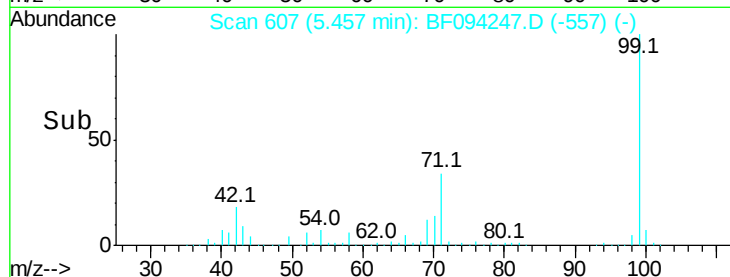
99 100

42 17.8 13.5 20.3

71 33.9 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: 6.64 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

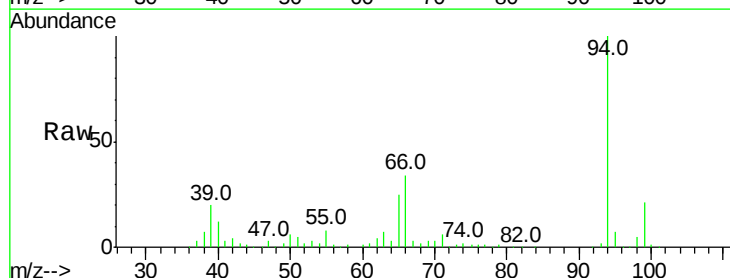
Tgt Ion: 94 Resp: 88931

Ion Ratio Lower Upper

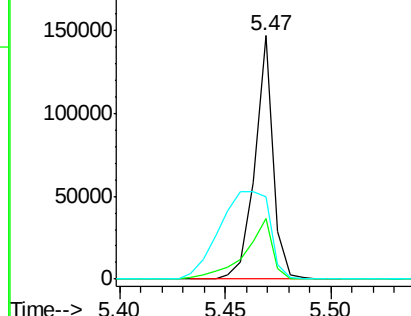
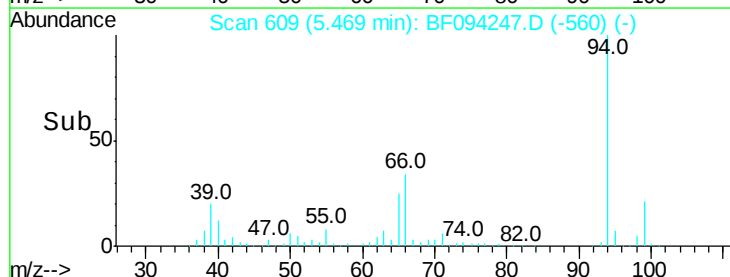
94 100

65 25.1 9.9 49.9

66 33.6 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: 15.21 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.15 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B50-S1(0-2)

Tot Ion: 70 Resp: 115036

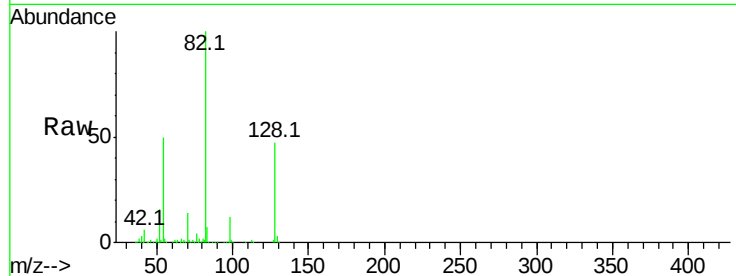
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

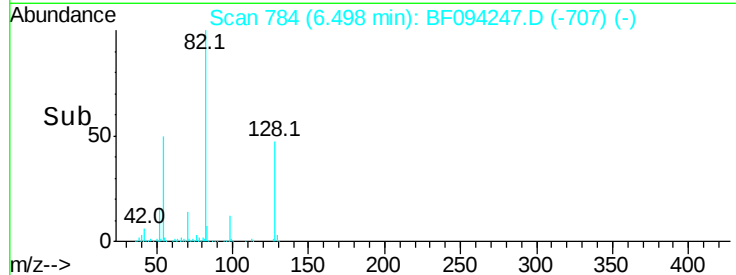


Abundance Ion 70.00 (69.70 to 70.70): BF0

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



Abundance

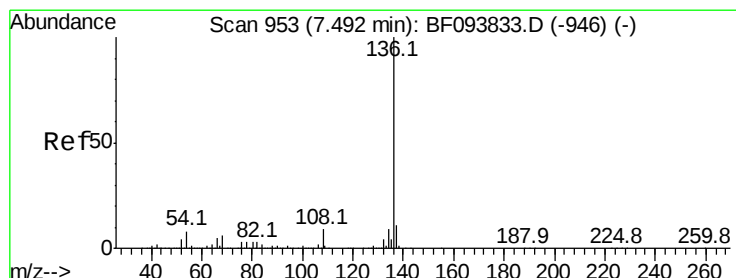
150000

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Tgt Ion: 136 Resp: 659145

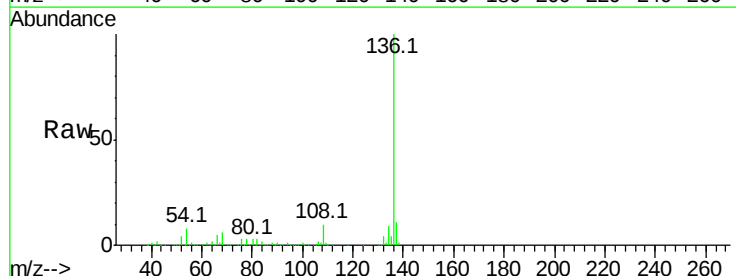
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 6.2 4.1 6.1#

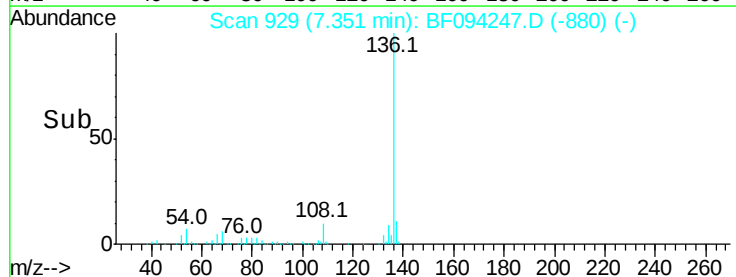


Abundance Ion 136.00 (135.70 to 136.70): BF0

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



Abundance

1000000

800000

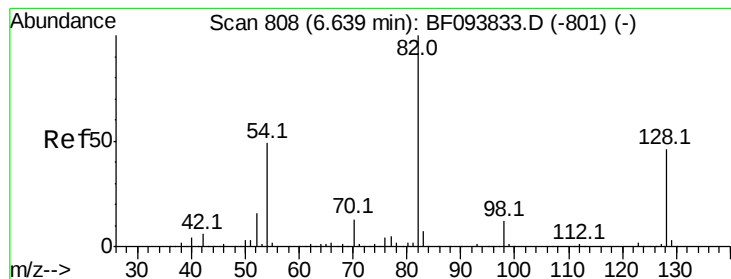
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 74.03 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Instrument :

BNA_F

ClientSampled :

B50-S1(0-2)

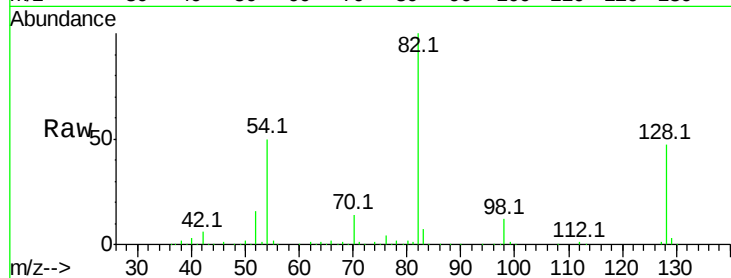
Tot Ion: 82 Resp: 855004

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

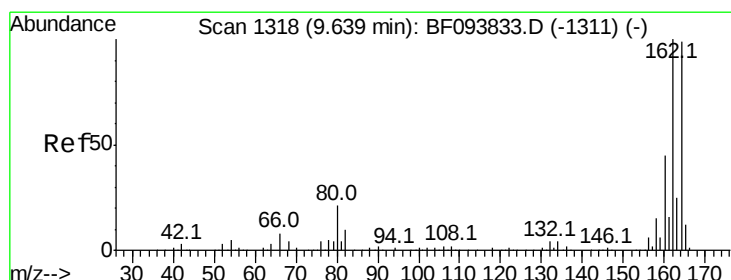
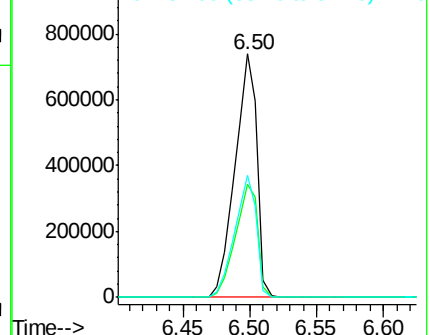
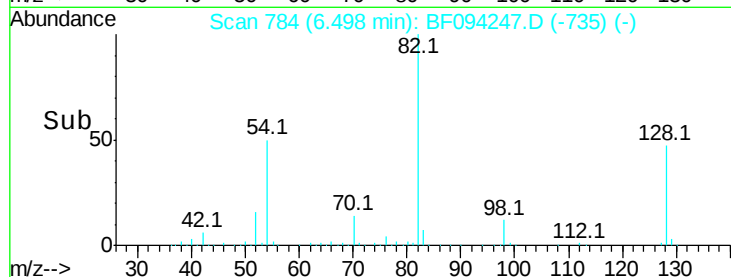
54 50.0 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

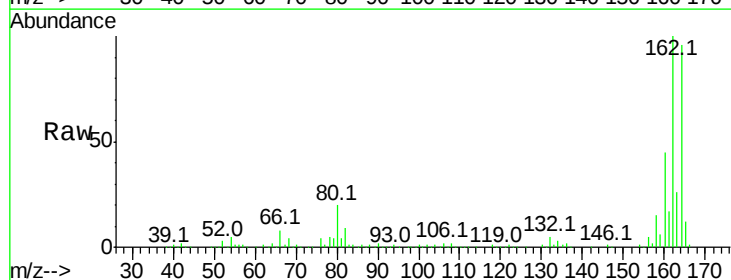
Tgt Ion:164 Resp: 302921

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

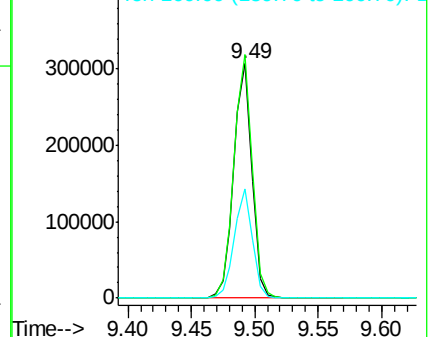
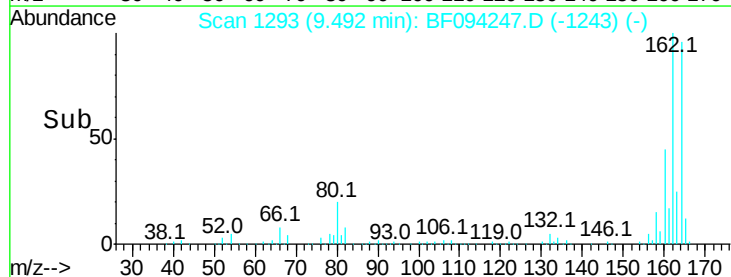
160 46.5 36.2 54.2

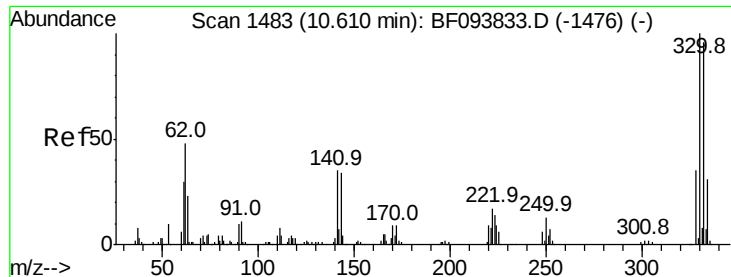


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

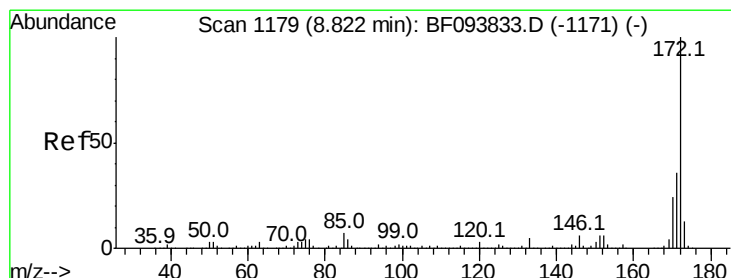
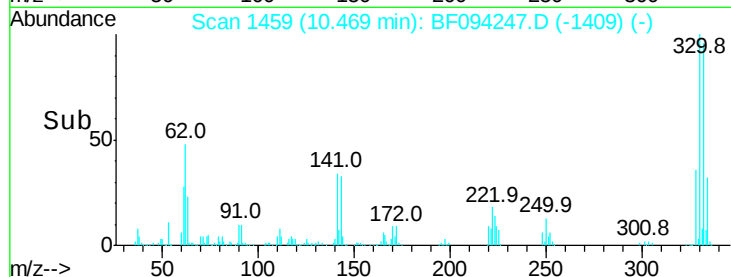
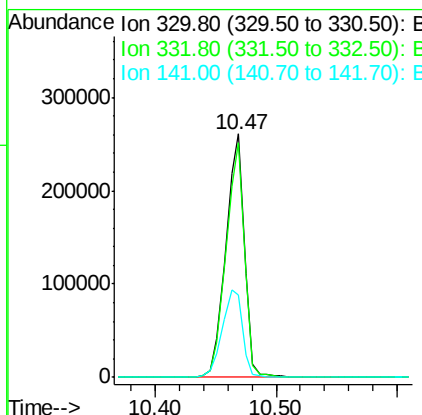
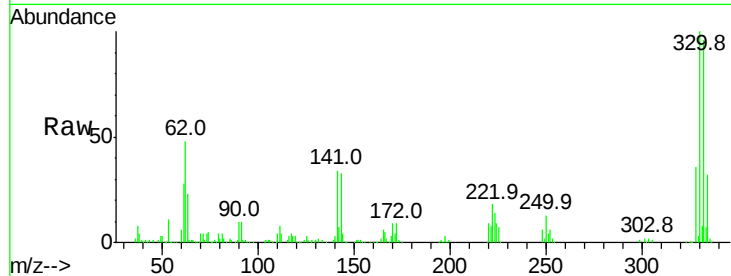




#41
 2,4,6-Tribromophenol
 Concen: 116.32 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094247.D
 Acq: 7 Apr 2017 2:20

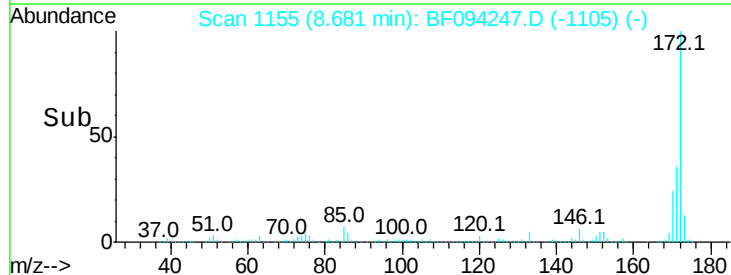
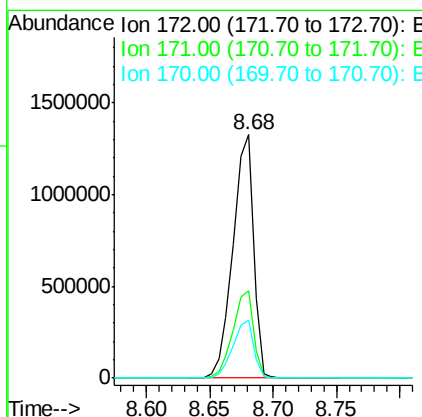
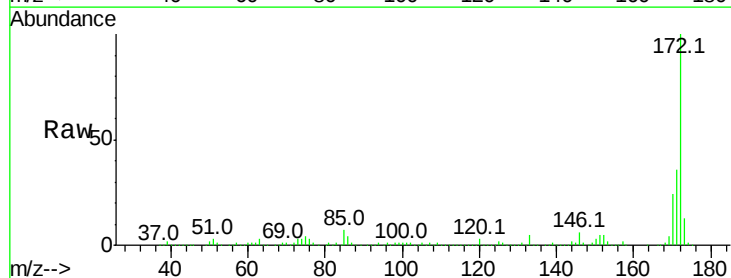
Instrument :
 BNA_F
 ClientSampleId :
 B50-S1(0-2)

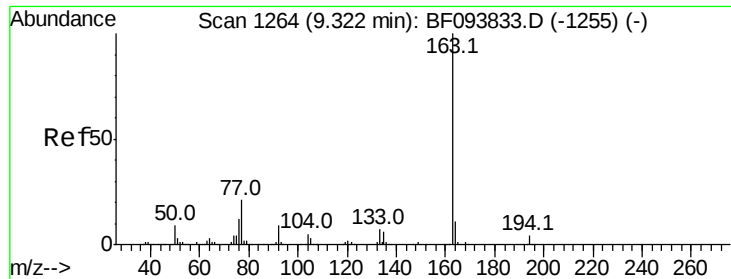
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 74.98 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094247.D
 Acq: 7 Apr 2017 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 17.94 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Instrument :

BNA_F

ClientSampled :

B50-S1(0-2)

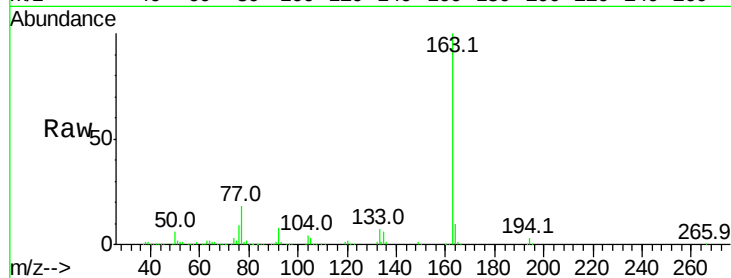
Tot Ion:163 Resp: 386365

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

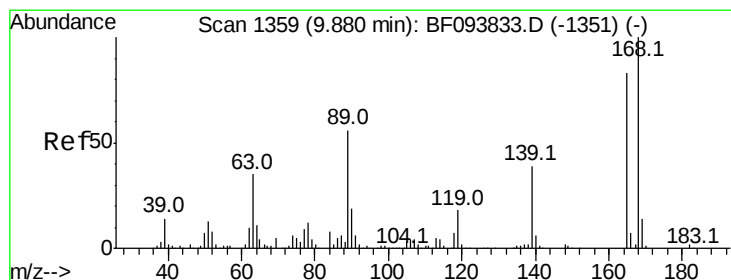
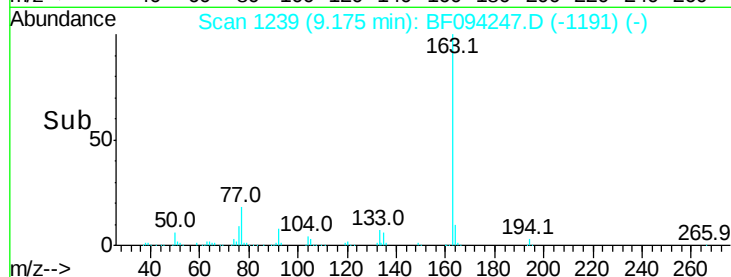
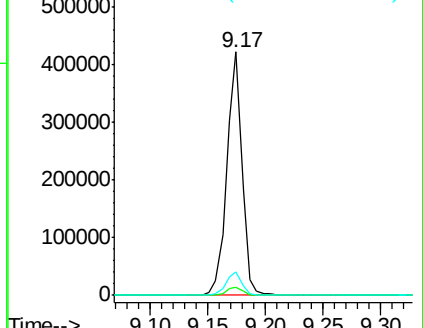
164 9.9 8.4 12.6



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: 6.21 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.26 min

Lab File: BF094247.D

Acq: 7 Apr 2017 2:20

Tgt Ion:165 Resp: 38489

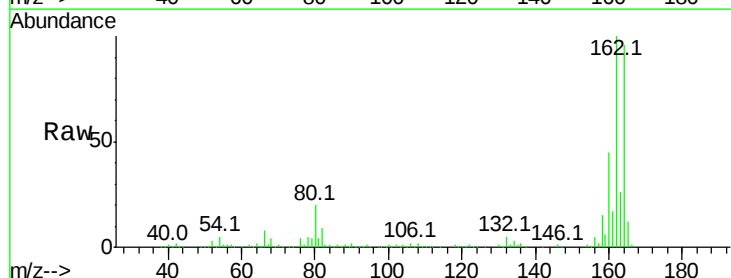
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

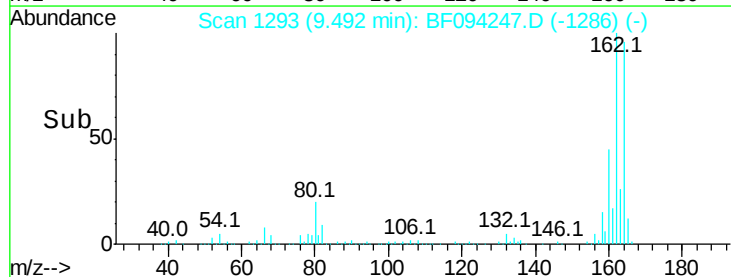
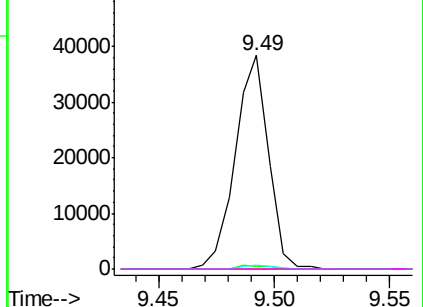


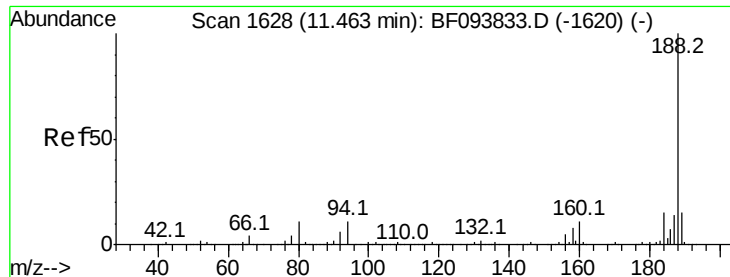
Abundance Ion 165.00 (164.70 to 165.70): E

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

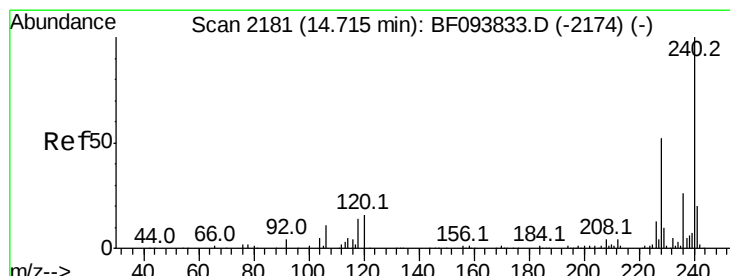
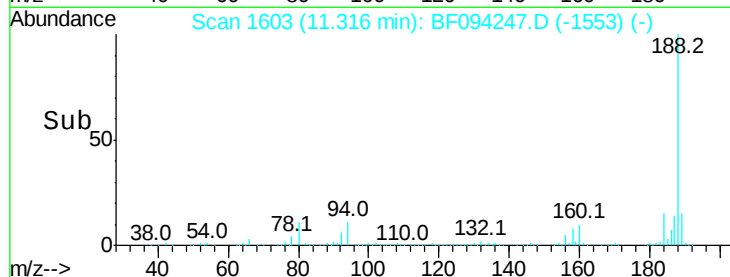
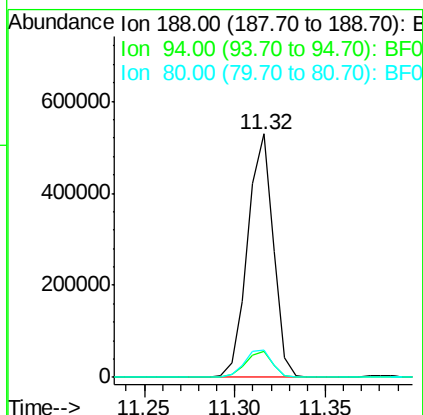
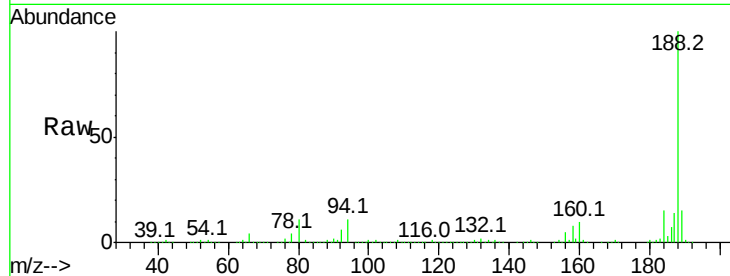




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094247.D
Acq: 7 Apr 2017 2:20

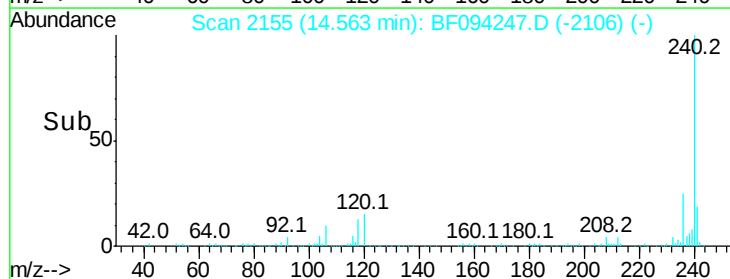
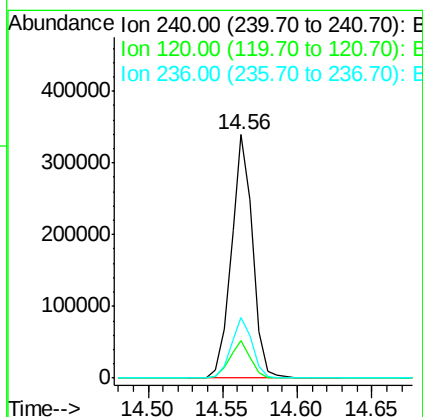
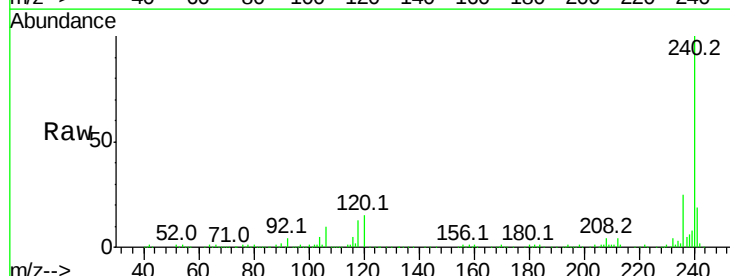
Instrument :
BNA_F
ClientSampleId :
B50-S1(0-2)

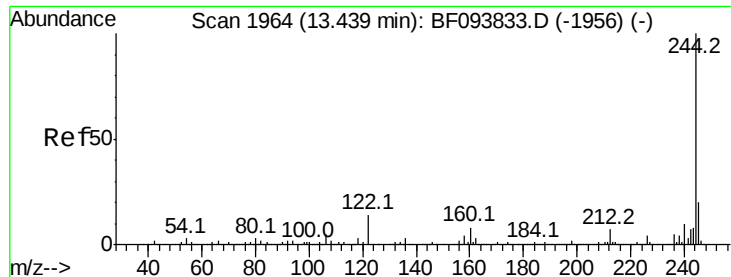
Tot Ion:188 Resp: 521401
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094247.D
Acq: 7 Apr 2017 2:20

Tgt Ion:240 Resp: 337867
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.1 20.5 30.7

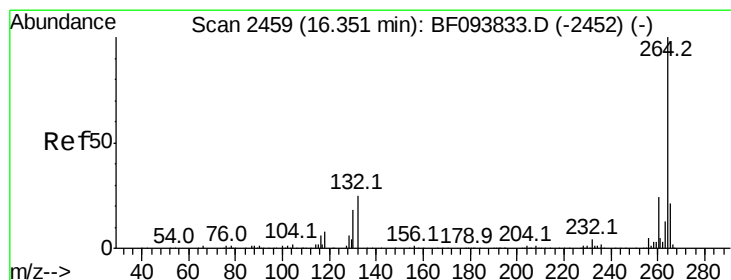
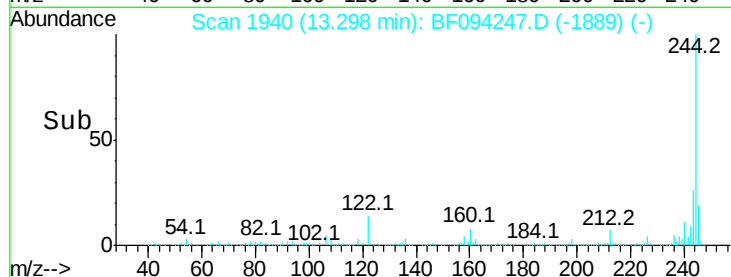
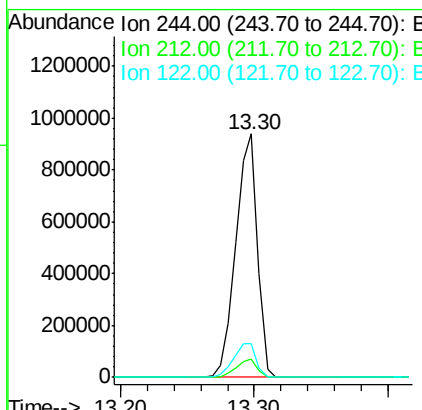
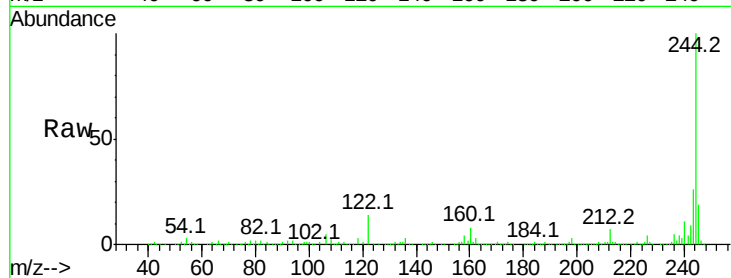




#78
 Terphenyl-d14
 Concen: 70.38 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094247.D
 Acq: 7 Apr 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 B50-S1(0-2)

Tot Ion:244 Resp: 1060819
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094247.D
 Acq: 7 Apr 2017 2:20

Tgt Ion:264 Resp: 255740
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.9 17.2 25.8

