

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094290.D
 Acq On : 7 Apr 2017 23:15
 Operator : SJ/MA
 Sample : I2534-02 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)D

Quant Time: Apr 08 00:08:15 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

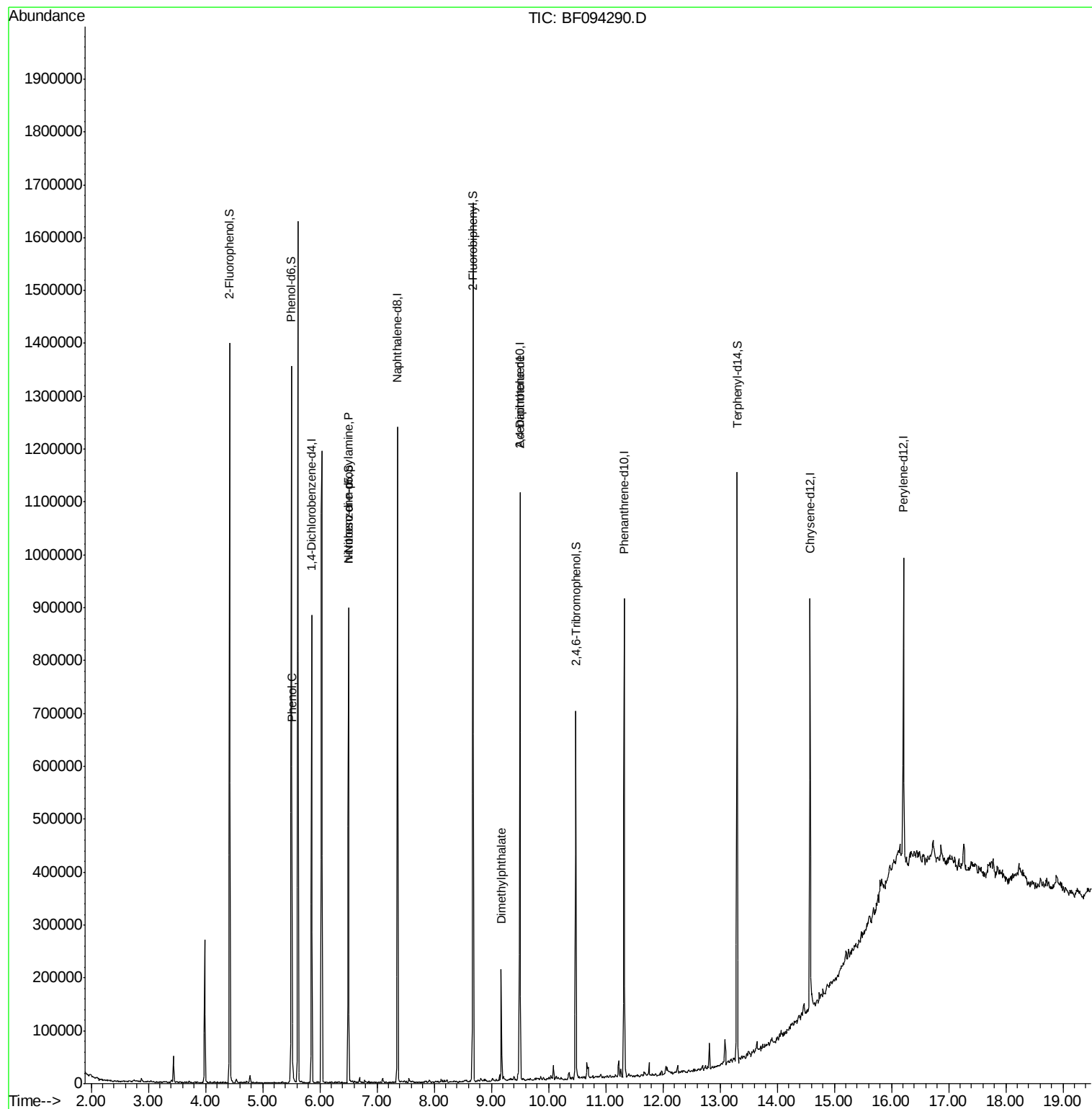
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	150772	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	579182	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	227757	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	340473	20.00	ng	0.00
75) Chrysene-d12	14.57	240	306217	20.00	ng	0.00
86) Perylene-d12	16.21	264	231444	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	423574	47.45	ng	0.04
7) Phenol-d6	5.50	99	520595	47.14	ng	0.04
23) Nitrobenzene-d5	6.50	82	303675	29.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	77535	43.08	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	557413	37.33	ng	0.00
78) Terphenyl-d14	13.30	244	342063	25.04	ng	0.00
Target Compounds						
10) Phenol	5.52	94	36500	2.90	ng	94
19) n-Nitroso-di-n-propylamine	6.50	70	38903	5.48	ng	# 79
49) Dimethylphthalate	9.17	163	91560	5.66	ng	99
56) 2,4-Dinitrotoluene	9.50	165	28419	6.10	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: 5.86 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

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BNA_F

ClientSampleId :

GP-B-01(0-5)D

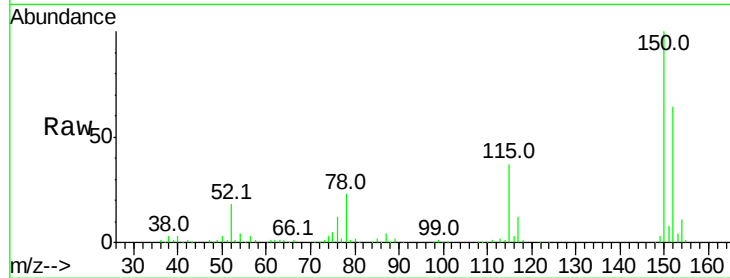
Tot Ion:152 Resp: 150772

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

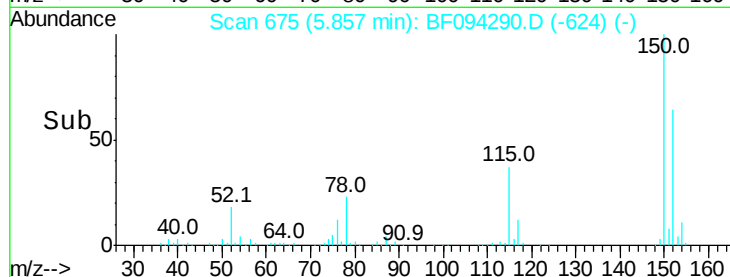
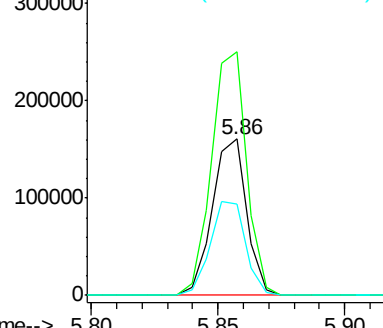
115 58.1 52.2 78.2



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: 47.45 ng

RT: 4.42 min Scan# 431

Delta R.T. 0.04 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

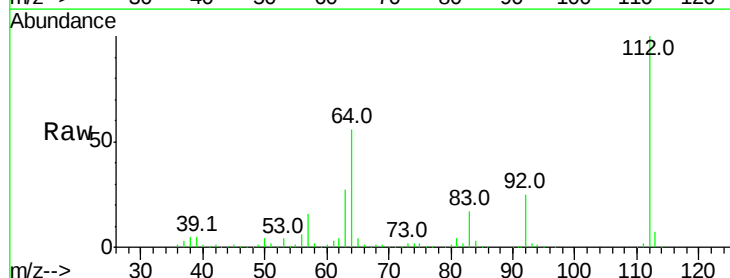
Tgt Ion:112 Resp: 423574

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

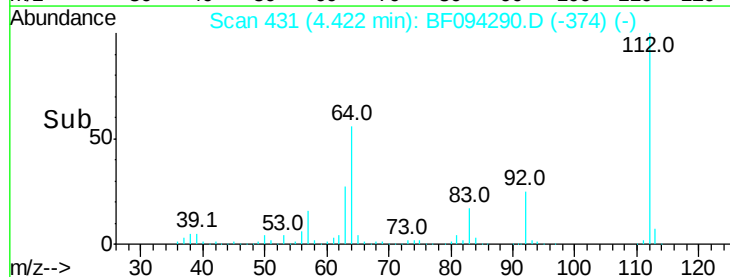
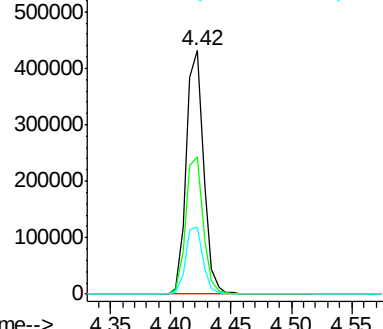
63 27.3 23.4 35.0

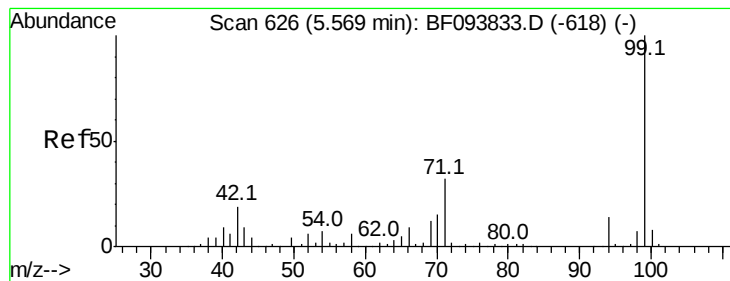


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.14 ng

RT: 5.50 min Scan# 615

Delta R.T. 0.04 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

Instrument :

BNA_F

ClientSampleId :

GP-B-01(0-5)D

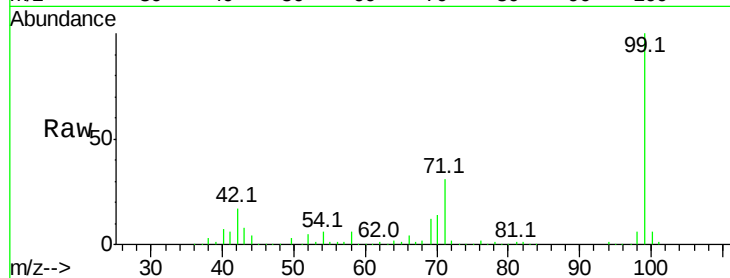
Tot Ion: 99 Resp: 520595

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

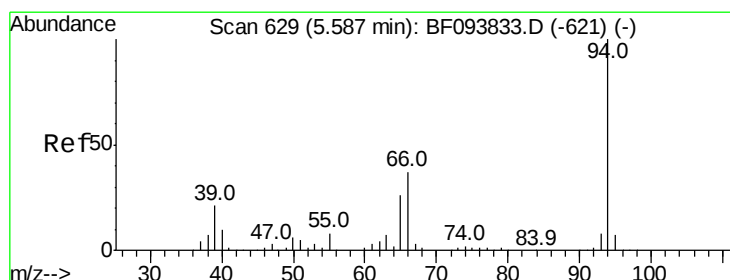
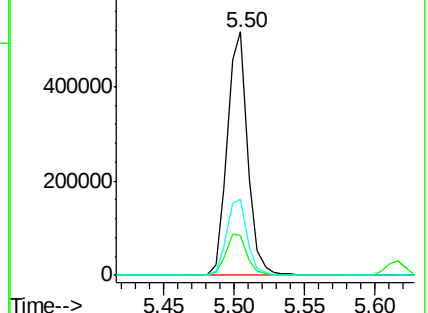
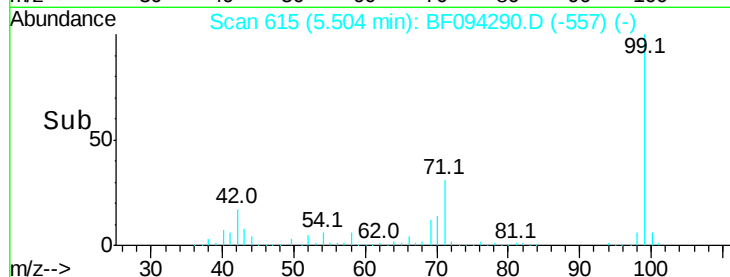
71 31.0 24.5 36.7



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



#10

Phenol

Concen: 2.90 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.04 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

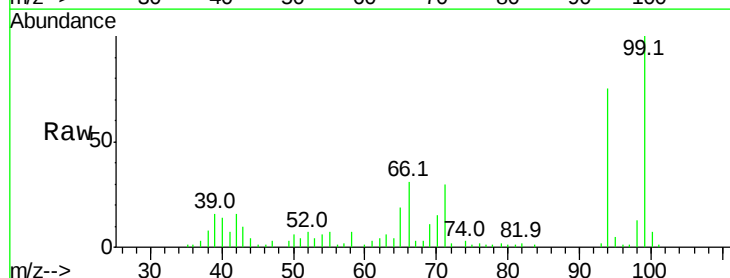
Tgt Ion: 94 Resp: 36500

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

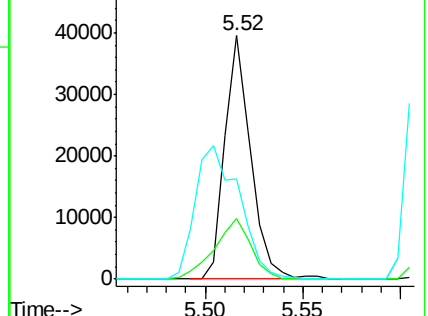
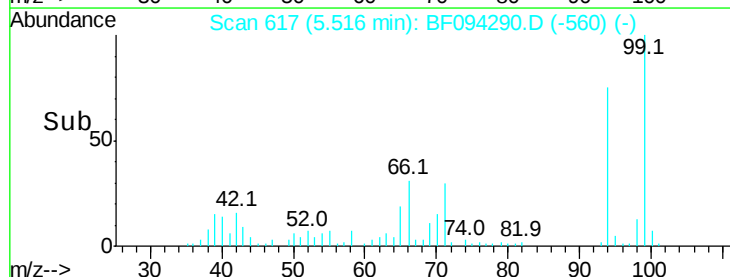
66 40.9 23.1 63.1

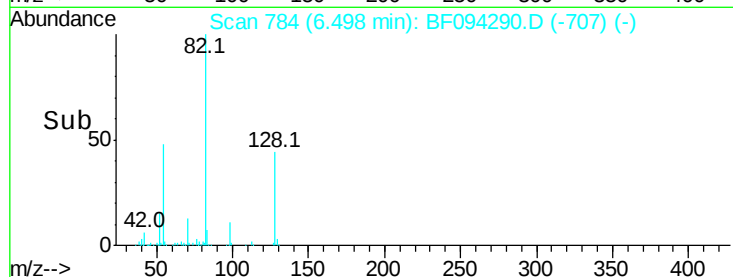
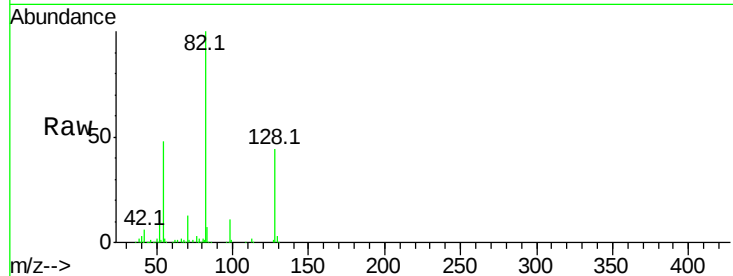
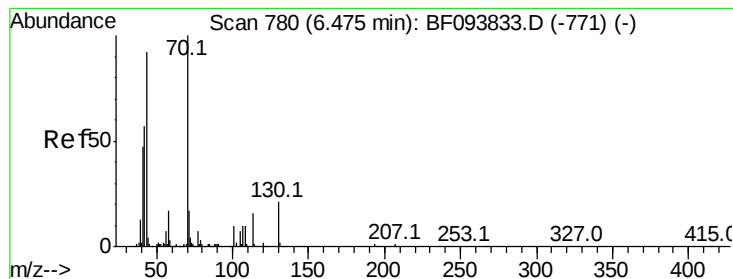


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 5.48 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.15 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

Instrument :

BNA_F

ClientSampleId :

GP-B-01(0-5)D

Tot Ion: 70 Resp: 38903

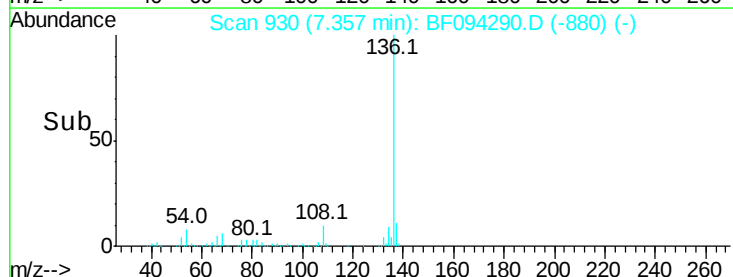
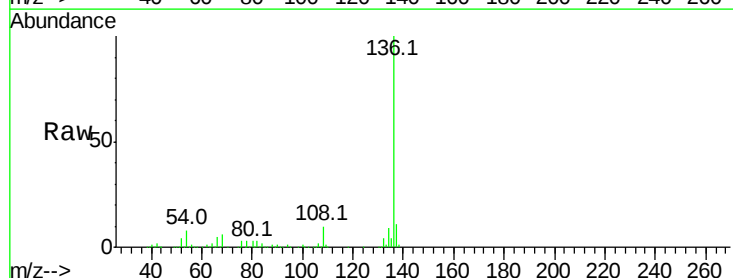
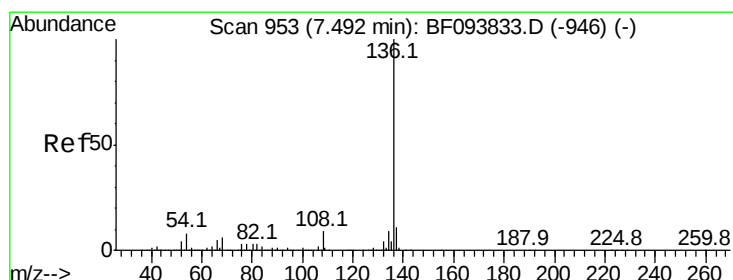
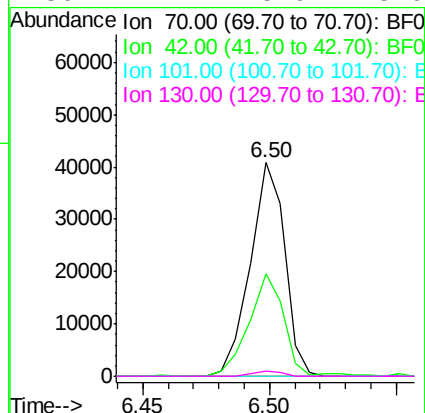
Ion Ratio Lower Upper

70 100

42 48.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

Tgt Ion: 136 Resp: 579182

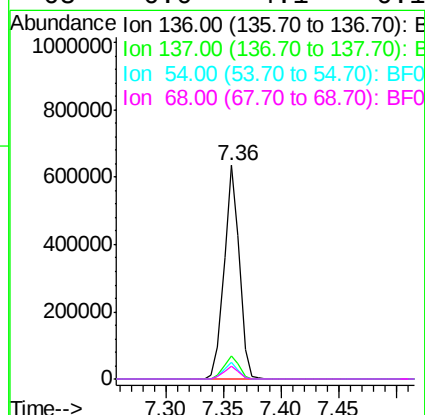
Ion Ratio Lower Upper

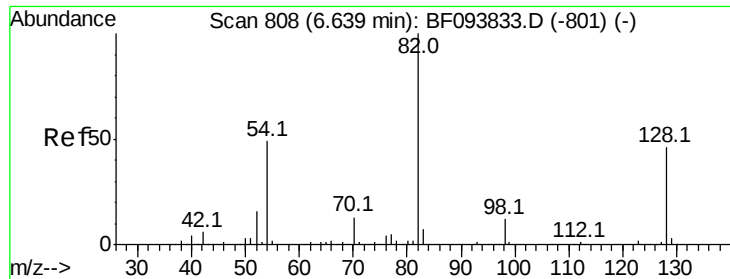
136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

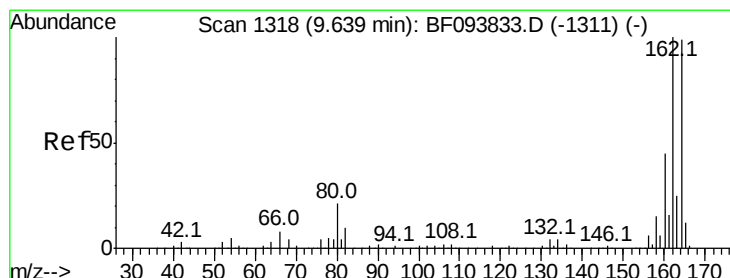
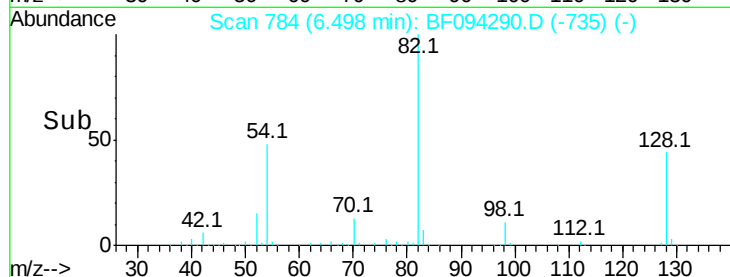
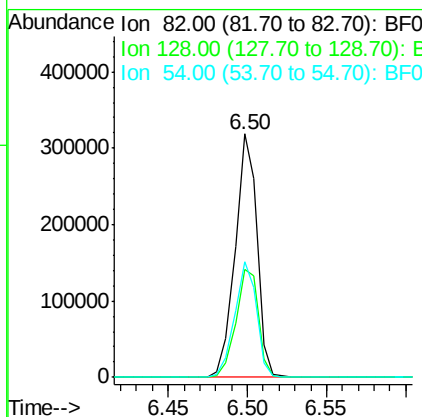
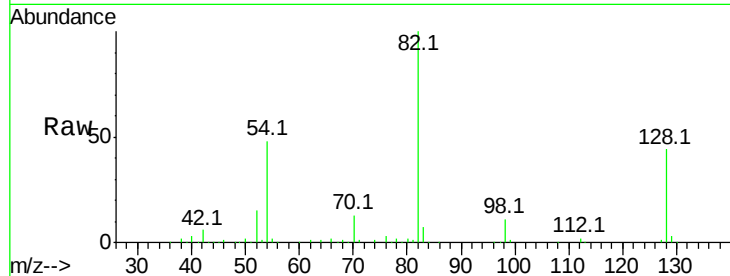




#23
 Nitrobenzene-d5
 Concen: 29.92 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

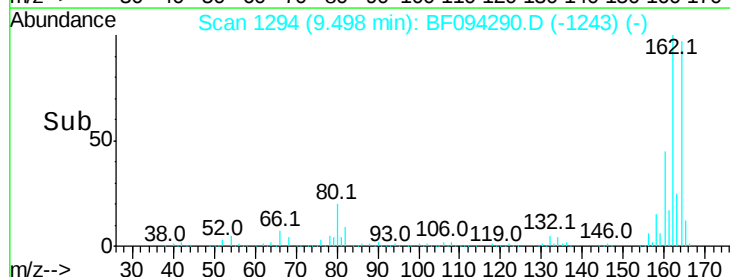
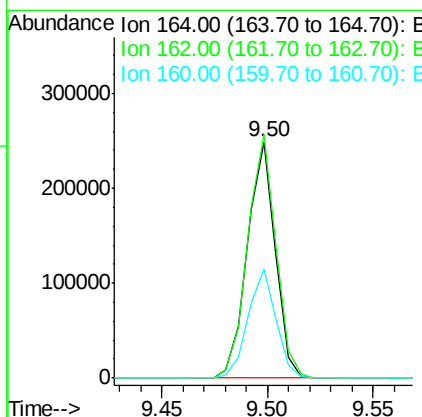
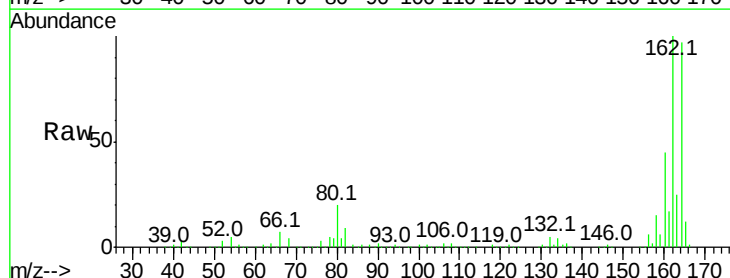
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)D

Tot Ion: 82 Resp: 303675
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.0 51.0
 54 47.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

Tgt Ion:164 Resp: 227757
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 46.0 36.2 54.2

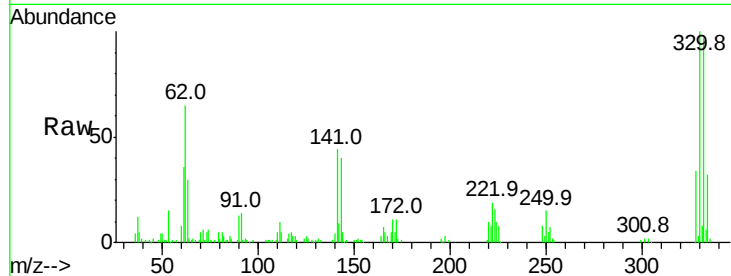




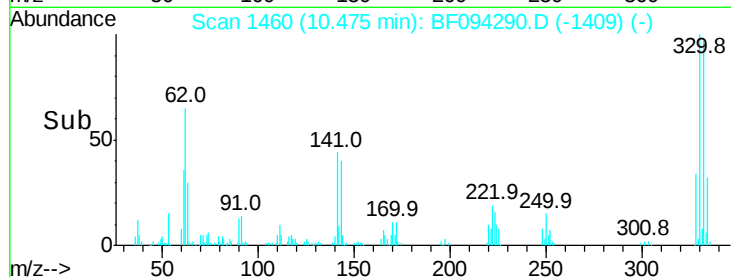
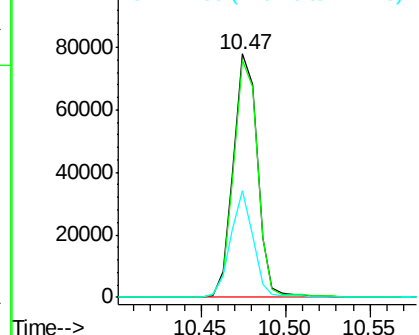
#41
 2,4,6-Tribromophenol
 Concen: 43.08 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)D

Tot Ion:330 Resp: 77535
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.2 31.4 47.2

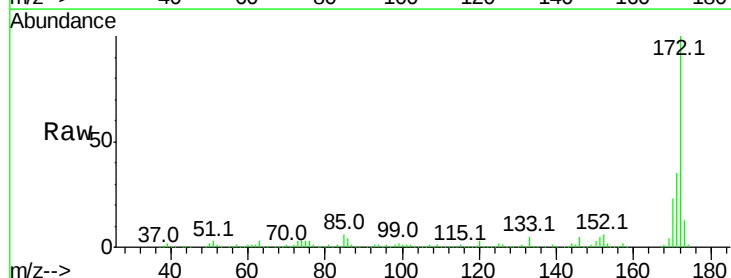


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

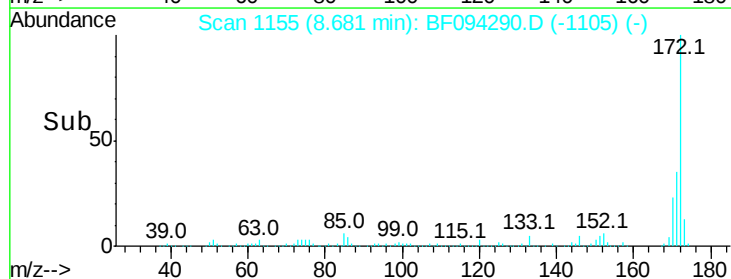
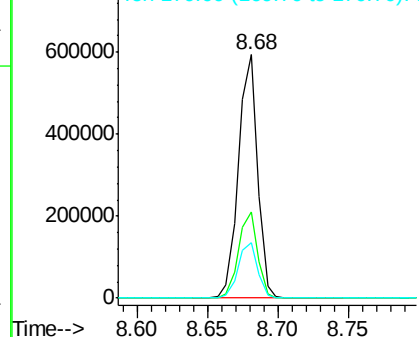


#44
 2-Fluorobiphenyl
 Concen: 37.33 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

Tgt Ion:172 Resp: 557413
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 22.8 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: 5.66 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

Instrument :

BNA_F

ClientSampleId :

GP-B-01(0-5)D

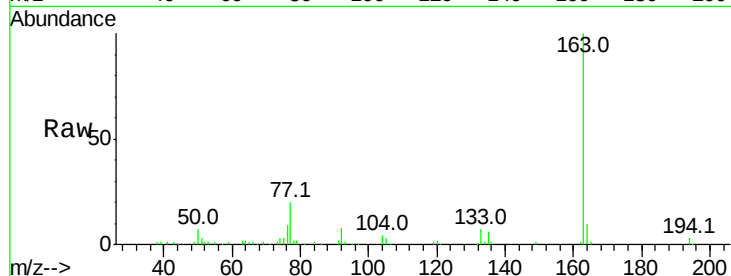
Tot Ion:163 Resp: 91560

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

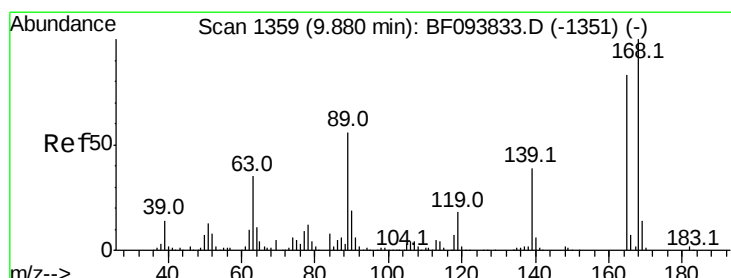
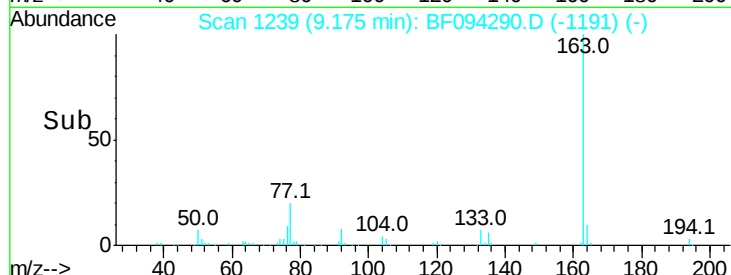
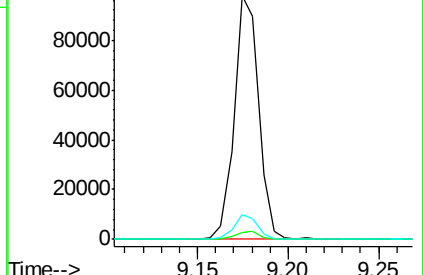
164 10.0 8.4 12.6



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: 6.10 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.25 min

Lab File: BF094290.D

Acq: 7 Apr 2017 23:15

Tgt Ion:165 Resp: 28419

Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.4 46.4 69.6#

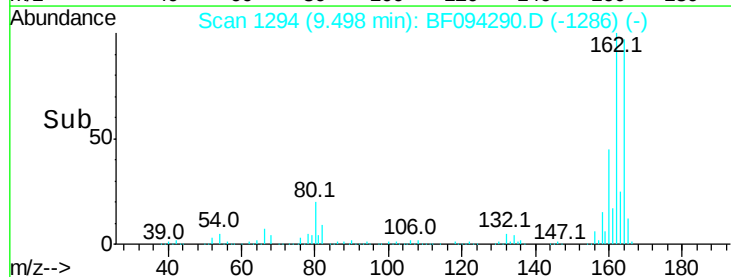
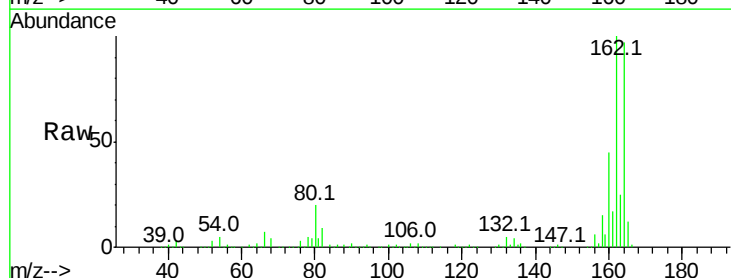
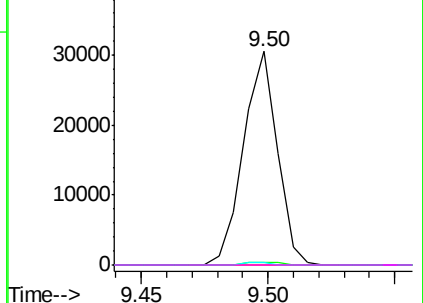
182 0.0 1.8 2.6#

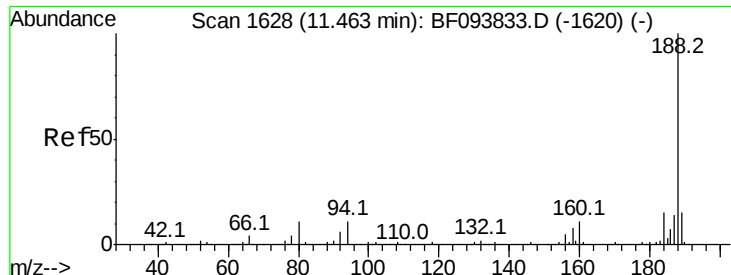
Abundance Ion 165.00 (164.70 to 165.70): E

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

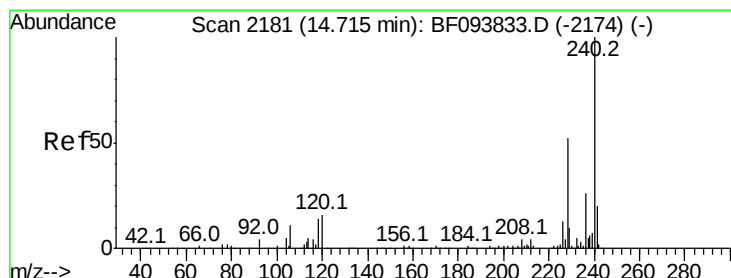
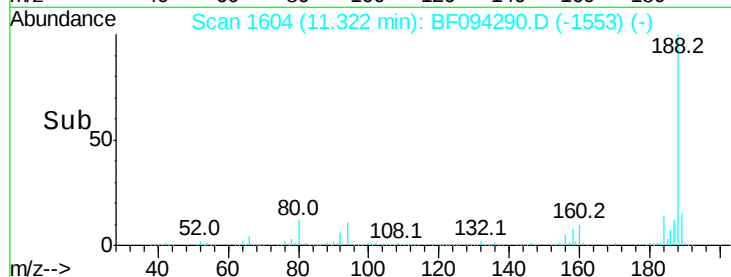
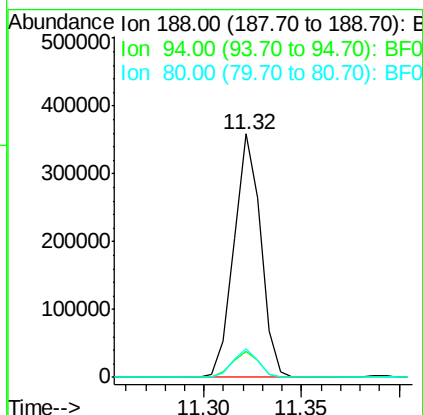
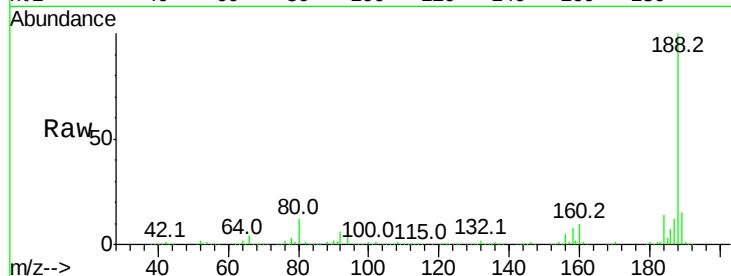




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094290.D
Acq: 7 Apr 2017 23:15

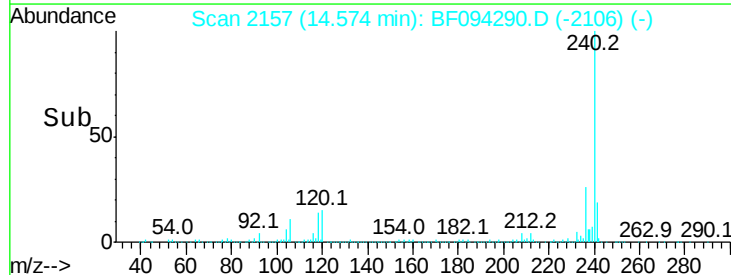
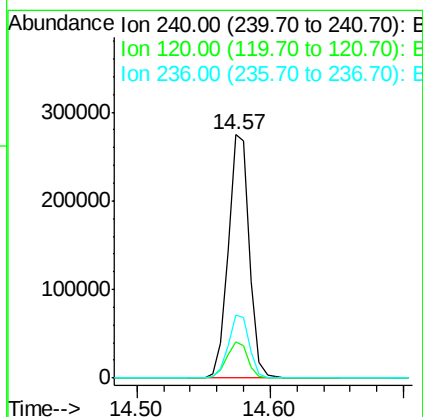
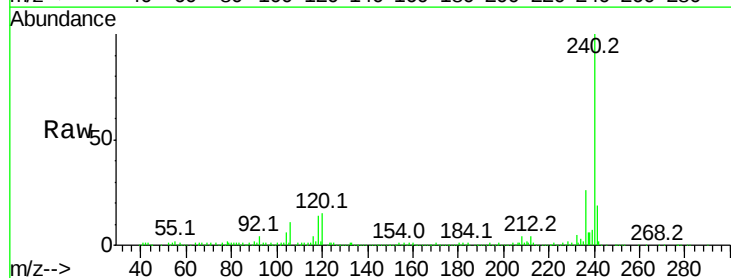
Instrument :
BNA_F
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GP-B-01(0-5)D

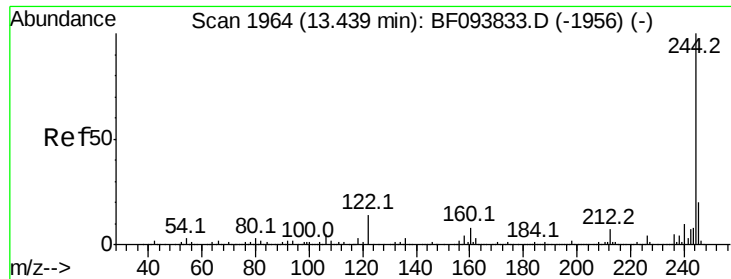
Tot Ion:188 Resp: 340473
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094290.D
Acq: 7 Apr 2017 23:15

Tgt Ion:240 Resp: 306217
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.7 20.5 30.7

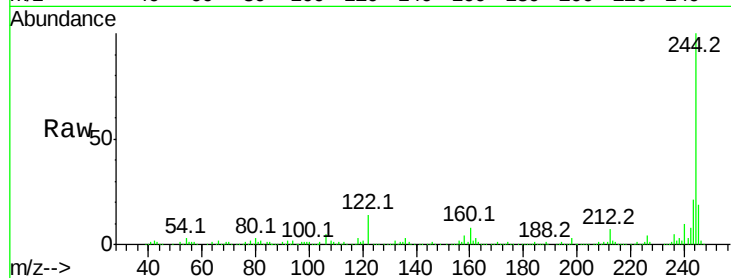




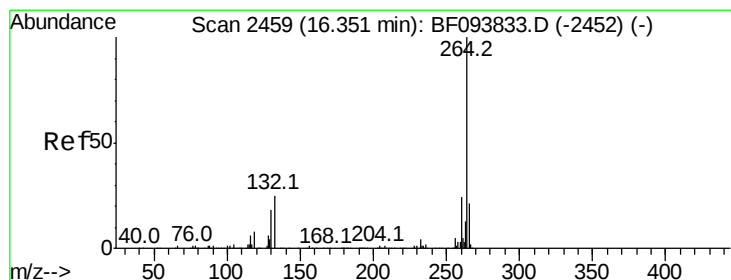
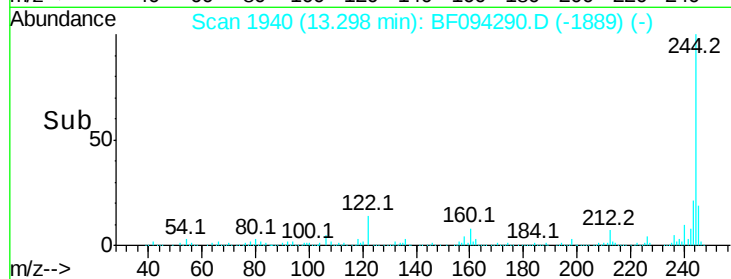
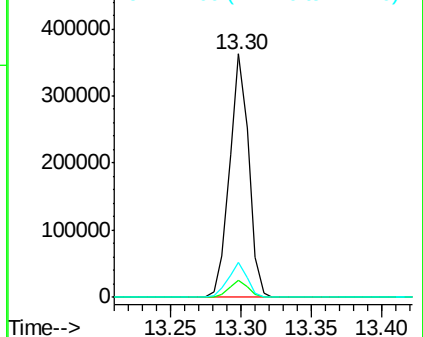
#78
 Terphenyl-d14
 Concen: 25.04 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)D

Tot Ion:244 Resp: 342063
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.4 10.3 15.5

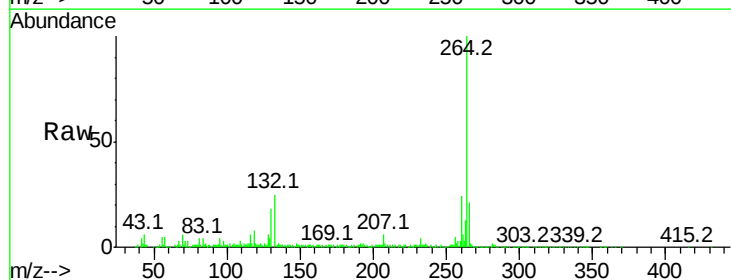


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. 0.02 min
 Lab File: BF094290.D
 Acq: 7 Apr 2017 23:15

Tgt Ion:264 Resp: 231444
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.9 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

