

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094933.D
 Acq On : 5 May 2017 23:56
 Operator : SJ/MA
 Sample : I2950-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 00:56:50 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

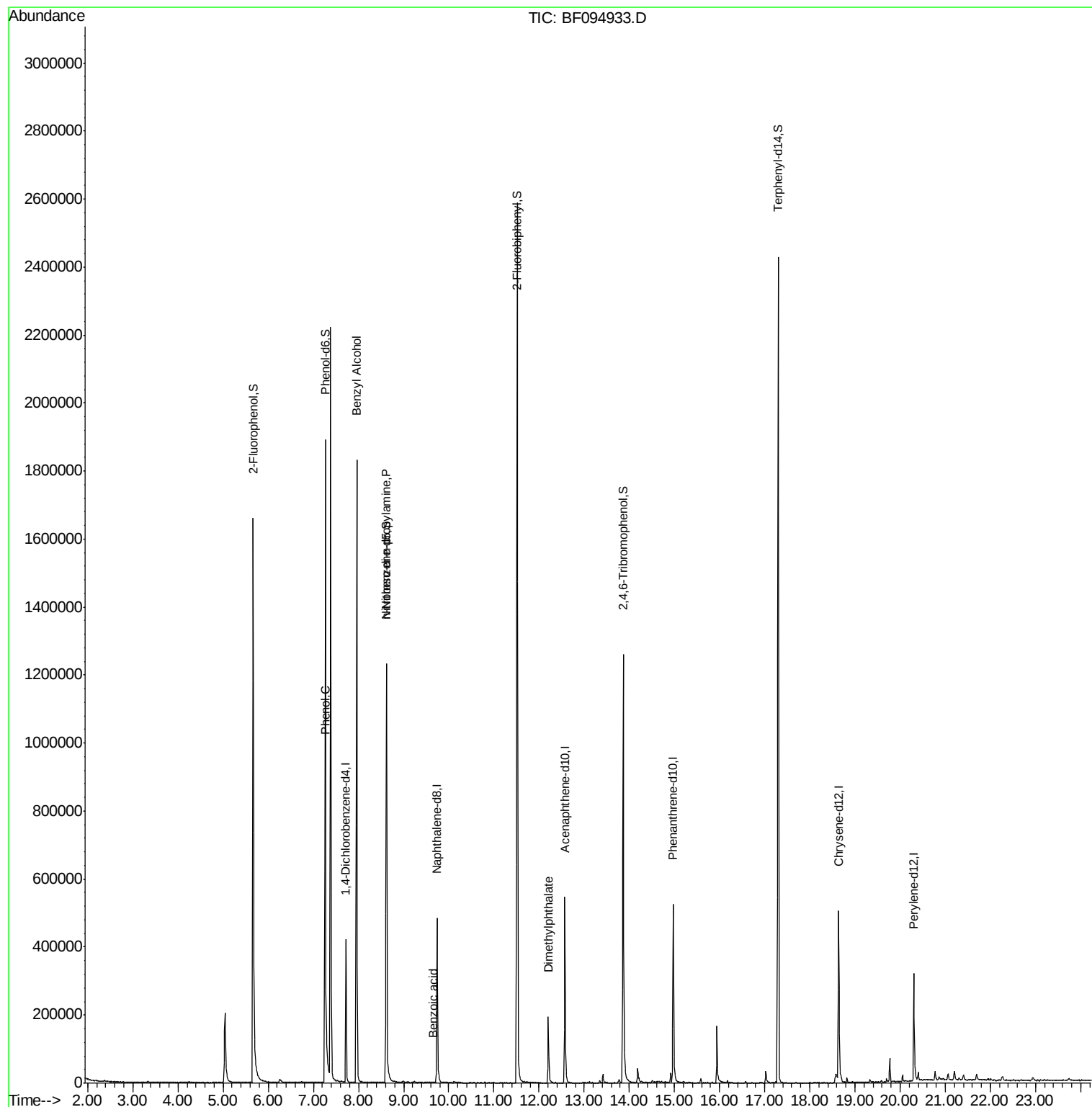
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	92060	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	351579	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	163188	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	311270	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	262452	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	797794	144.48	ng	-0.01
7) Phenol-d6	7.27	99	1028319	155.21	ng	-0.01
23) Nitrobenzene-d5	8.62	82	611685	109.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	230947	172.81	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1156230	101.98	ng	-0.01
78) Terphenyl-d14	17.30	244	986595	82.80	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	14011	2.01	ng	# 67
15) Benzyl Alcohol	7.96	79	9455	2.22	ng	# 44
19) n-Nitroso-di-n-propylamine	8.62	70	78329	17.48	ng	# 74
32) Benzoic acid	9.65	122	676	5.26	ng	# 32
49) Dimethylphthalate	12.21	163	128390	9.58	ng	98

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

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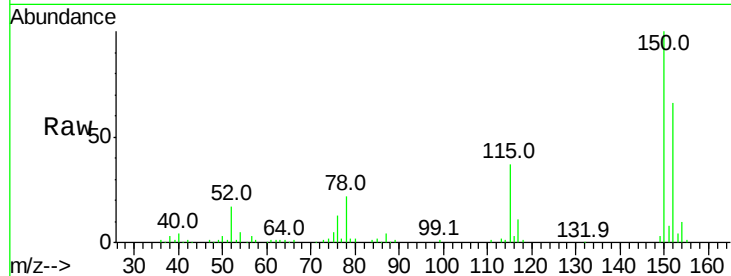


#1

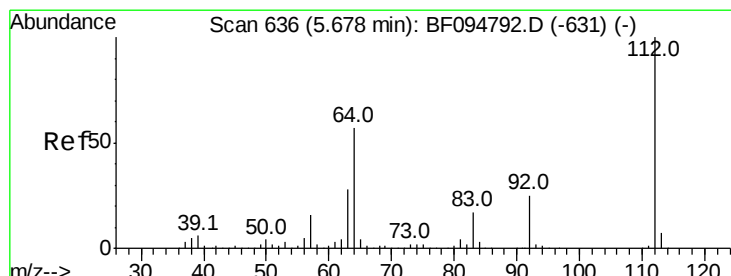
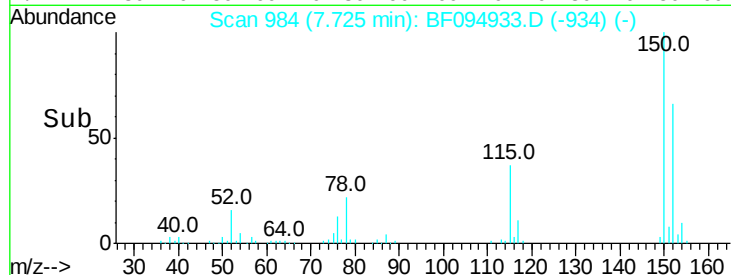
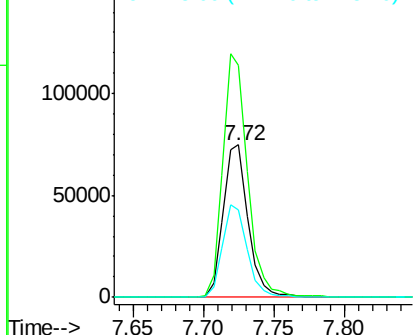
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094933.D
Acq: 5 May 2017 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92060
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 56.9 52.2 78.2



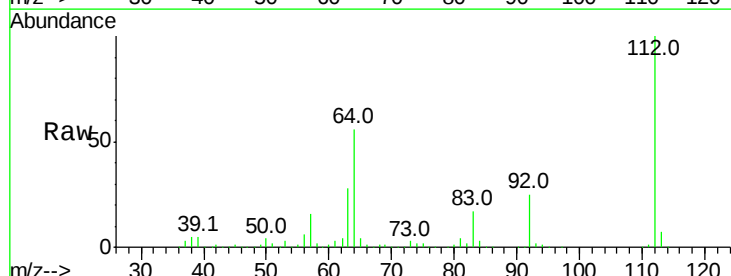
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



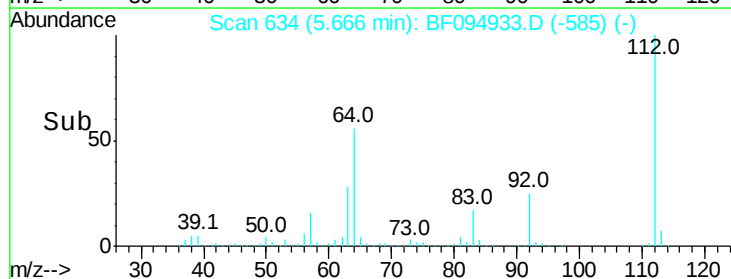
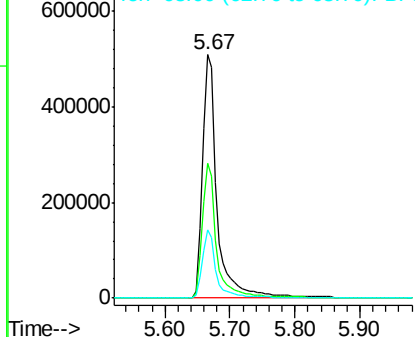
#5

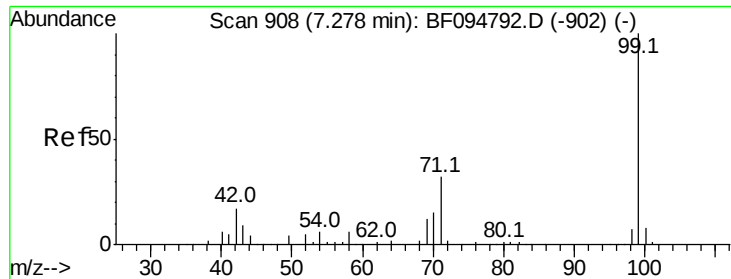
2-Fluorophenol
Concen: 144.48 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094933.D
Acq: 5 May 2017 23:56

Tgt Ion:112 Resp: 797794
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 28.2 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: 155.21 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampled :

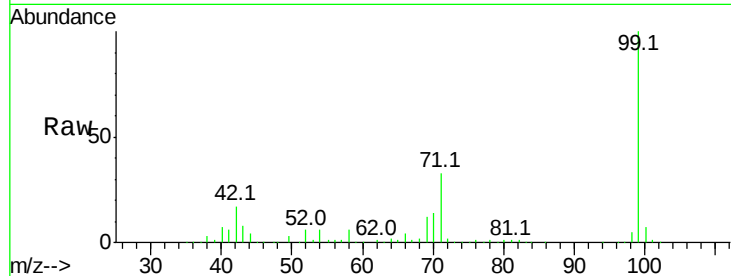
Tot Ion: 99 Resp: 1028319

Ion Ratio Lower Upper

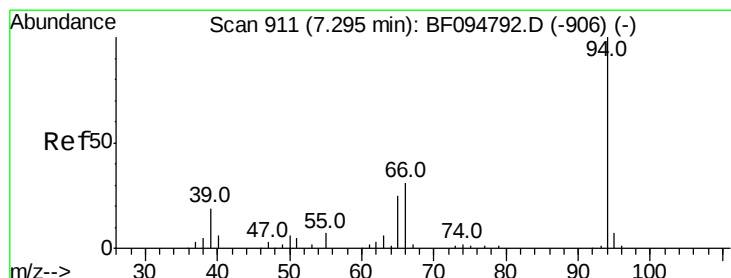
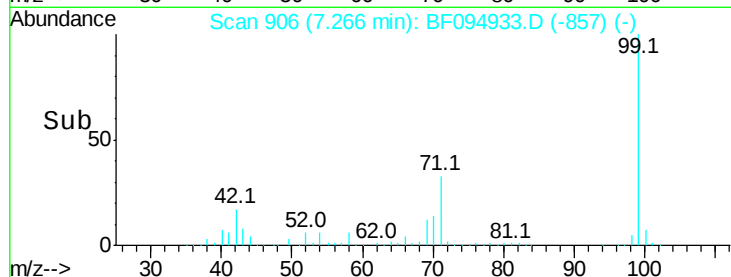
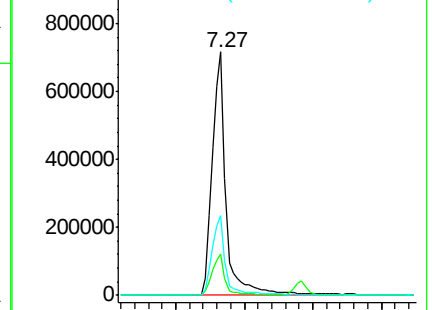
99 100

42 16.8 13.5 20.3

71 32.6 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: 2.01 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

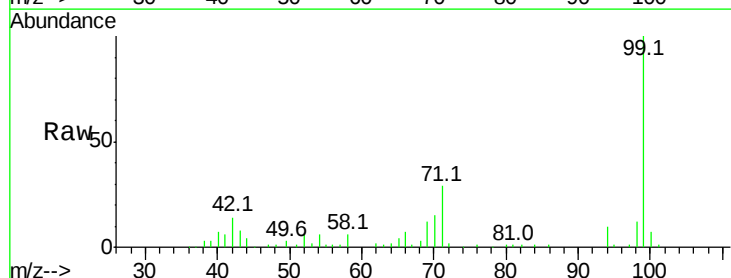
Tgt Ion: 94 Resp: 14011

Ion Ratio Lower Upper

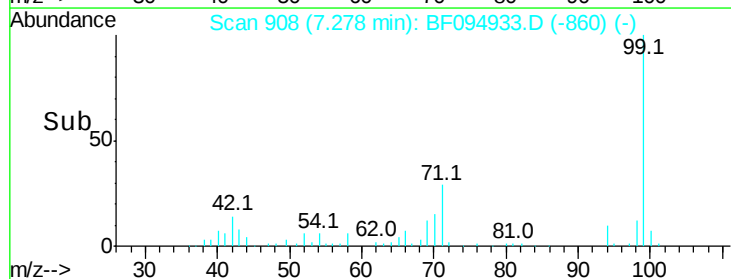
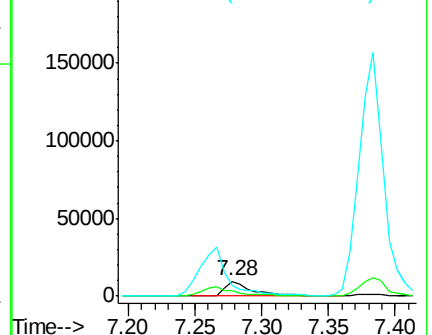
94 100

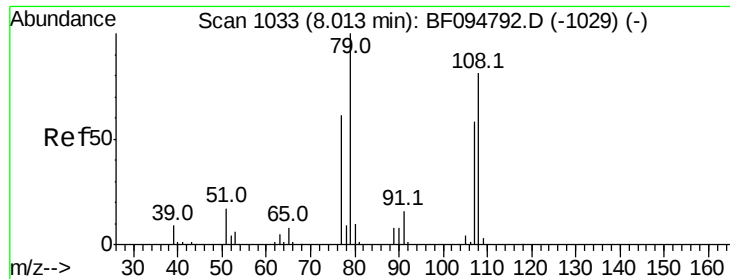
65 35.4 9.9 49.9

66 73.9 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





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampled :

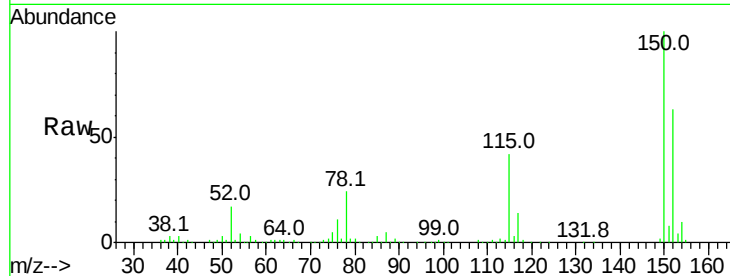
Tot Ion: 79 Resp: 9455

Ion Ratio Lower Upper

79 100

108 32.4 63.4 95.0#

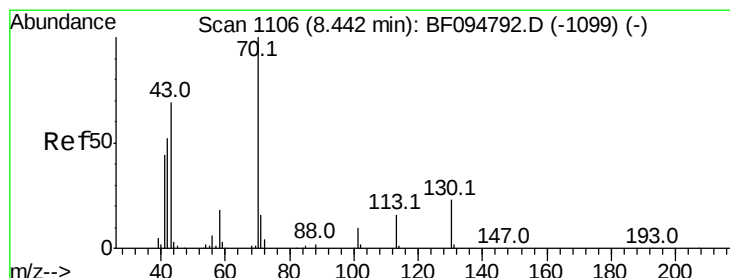
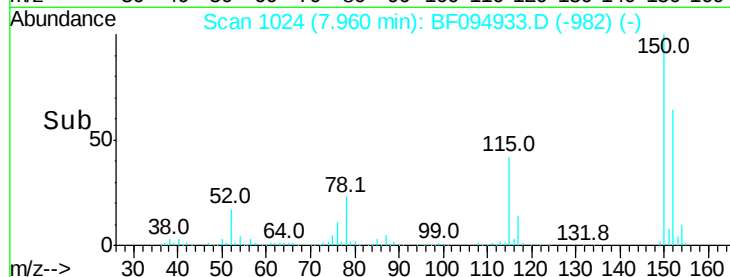
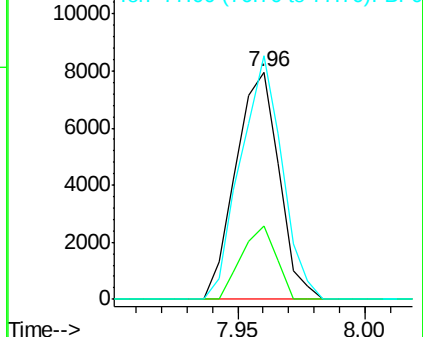
77 107.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Tgt Ion: 70 Resp: 78329

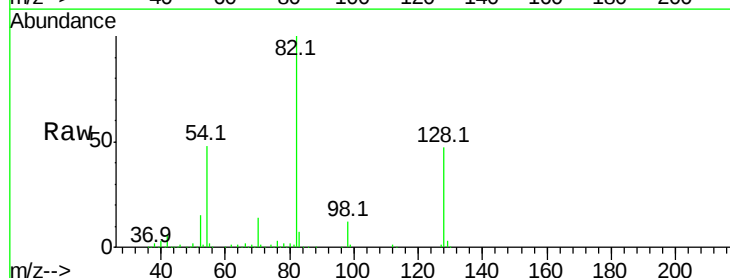
Ion Ratio Lower Upper

70 100

42 42.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

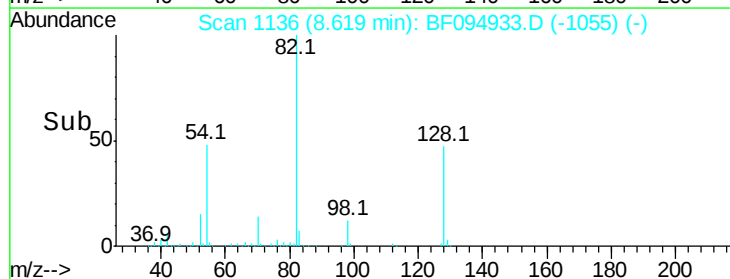
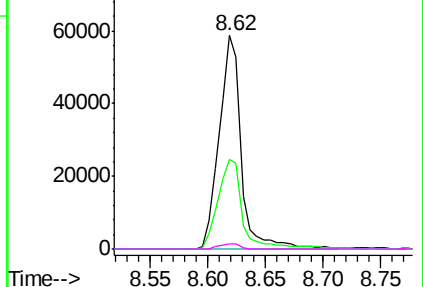


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 351579

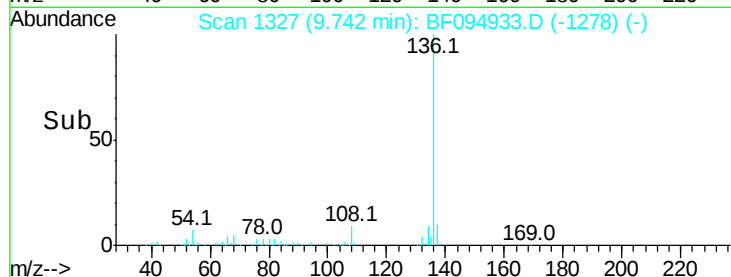
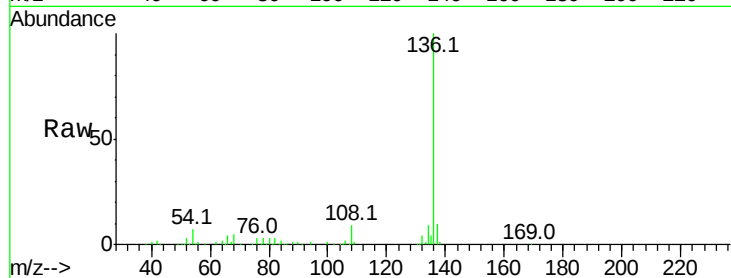
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

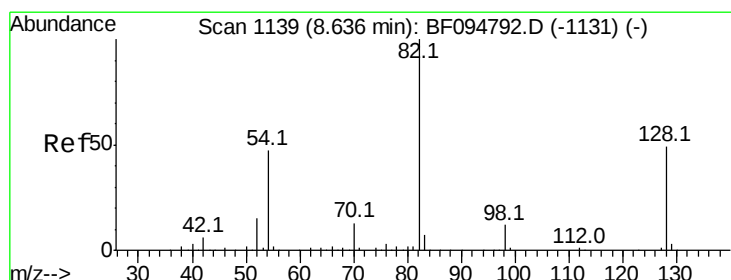
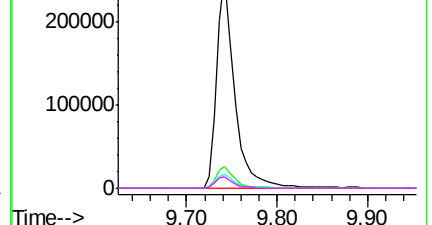


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.71 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

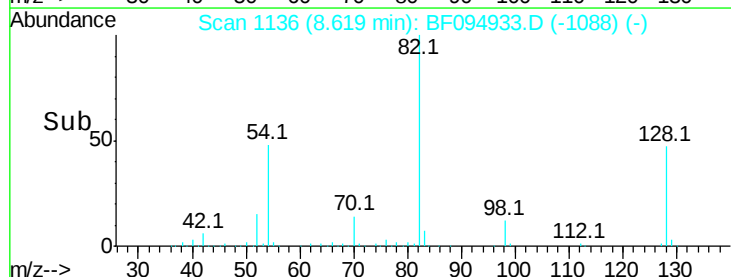
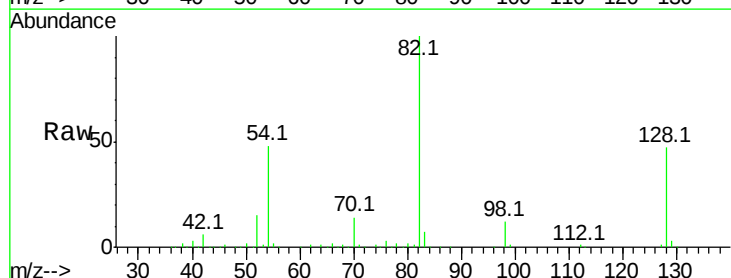
Tgt Ion: 82 Resp: 611685

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

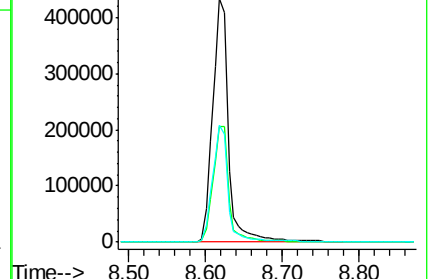
54 47.9 42.2 63.2

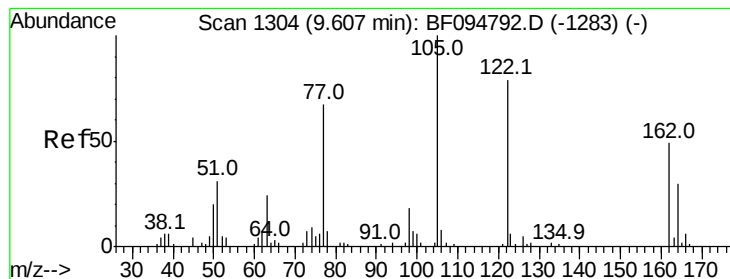


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.26 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.05 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampleId :

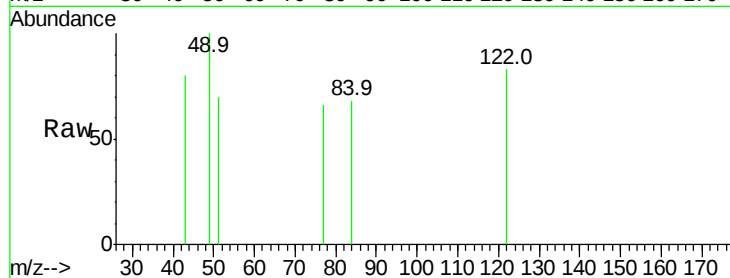
Tot Ion:122 Resp: 676

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 80.3 73.7 113.7

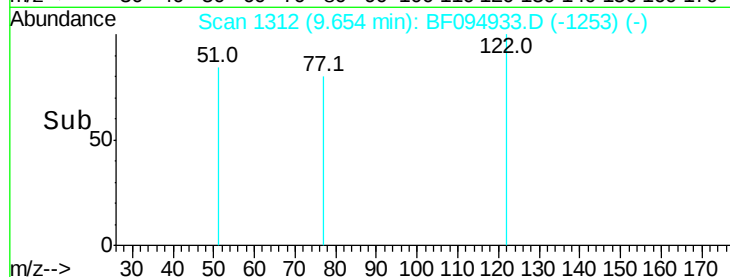


Abundance Ion 122.00 (121.70 to 122.70): E

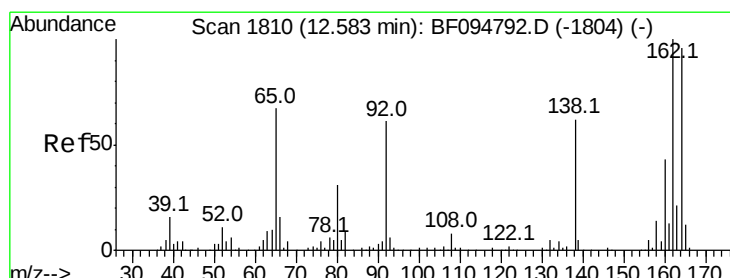
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

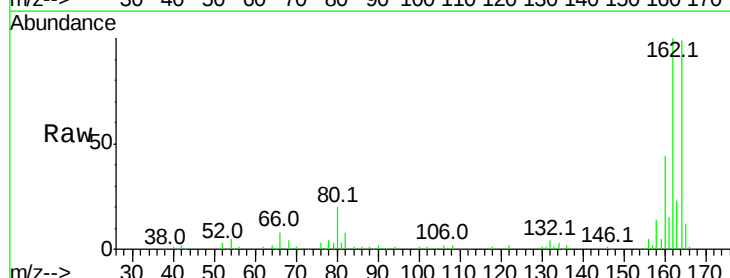
Tgt Ion:164 Resp: 163188

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 44.9 36.2 54.2

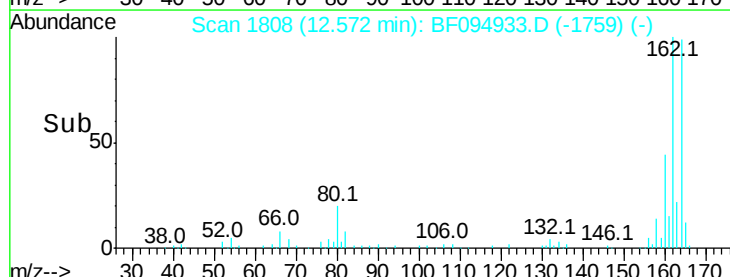


Abundance Ion 164.00 (163.70 to 164.70): E

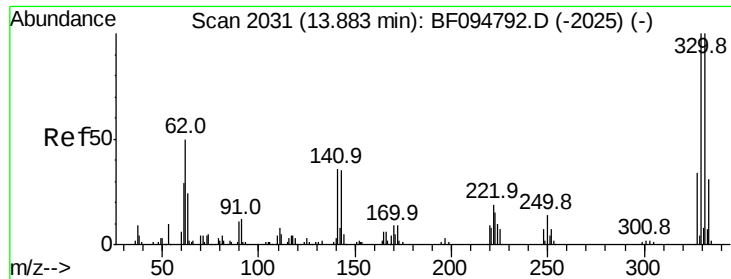
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



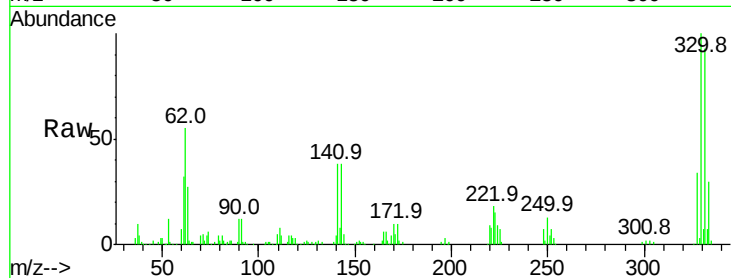
Time-->



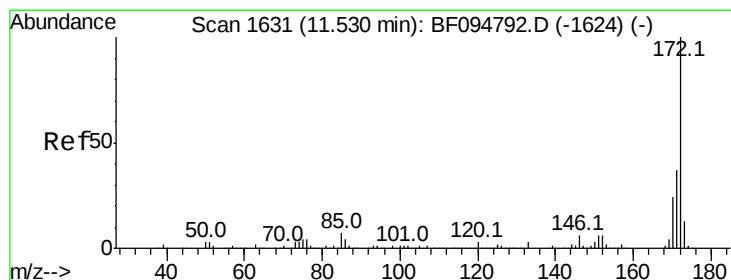
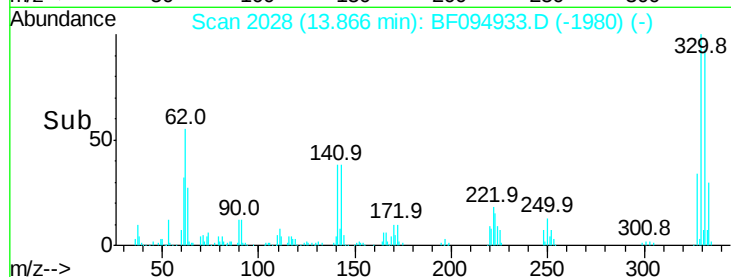
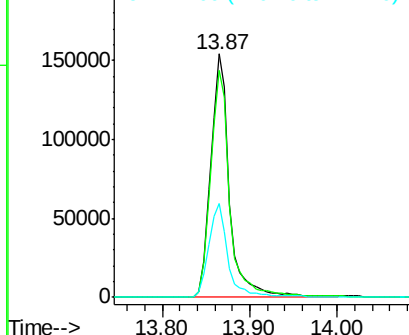
#41
 2,4,6-Tribromophenol
 Concen: 172.81 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094933.D
 Acq: 5 May 2017 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 230947
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.7 31.4 47.2

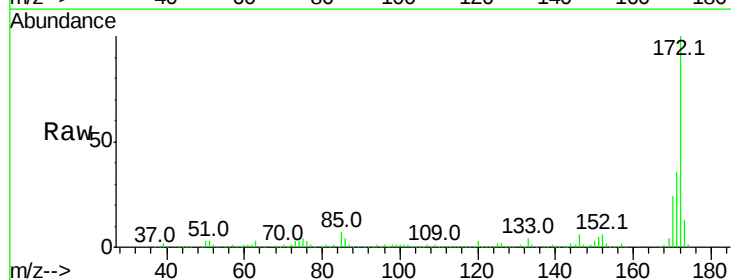


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

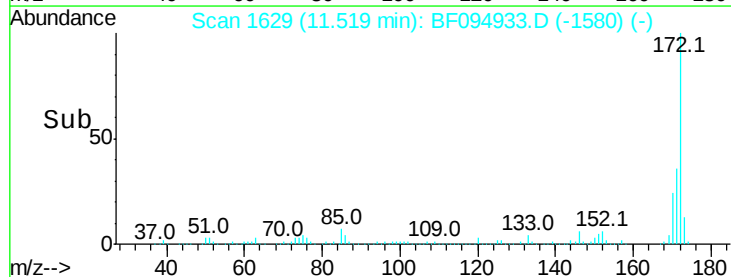
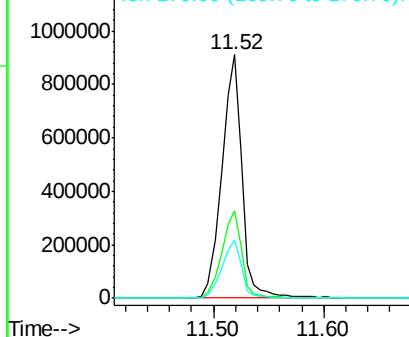


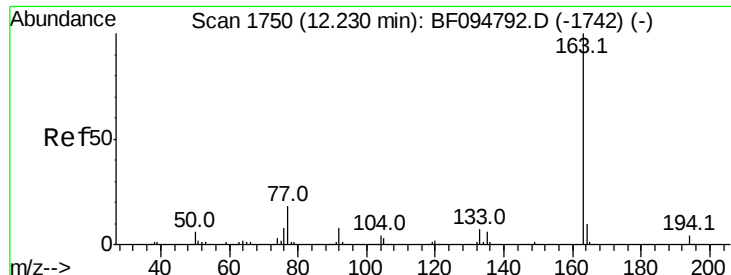
#44
 2-Fluorobiphenyl
 Concen: 101.98 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094933.D
 Acq: 5 May 2017 23:56

Tgt Ion:172 Resp: 1156230
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 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: 9.58 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampleId :

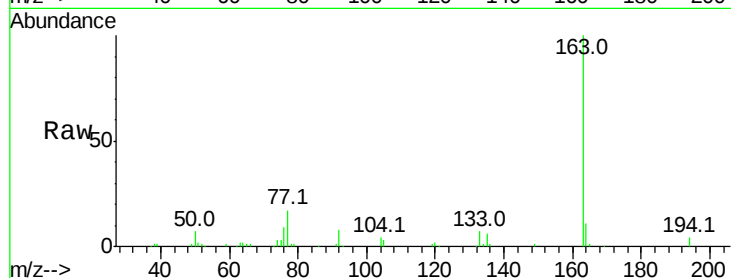
Tot Ion:163 Resp: 128390

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

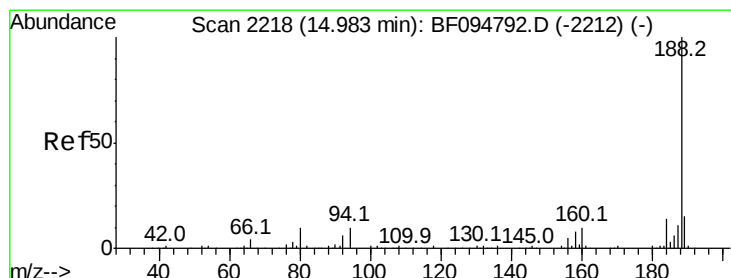
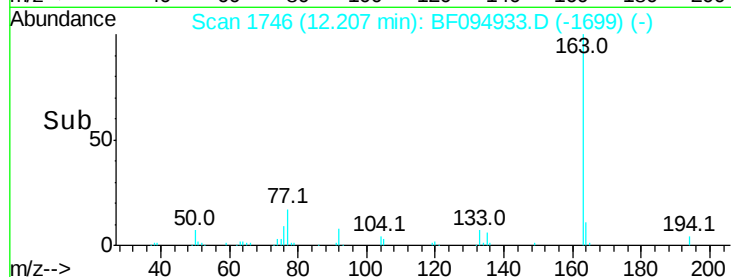
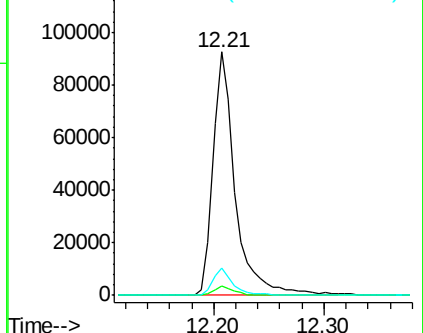
164 11.2 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

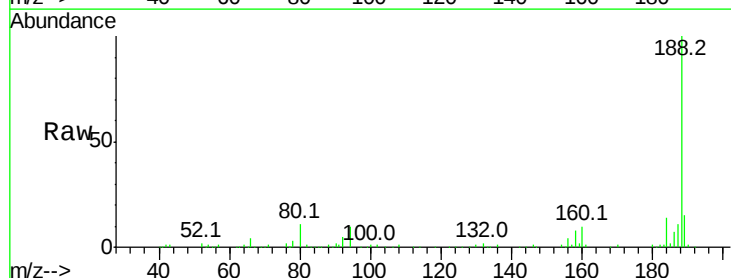
Tgt Ion:188 Resp: 311270

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

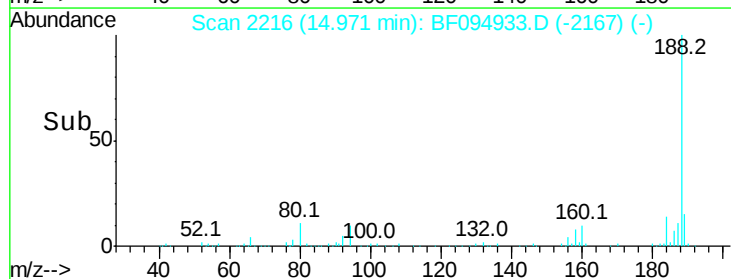
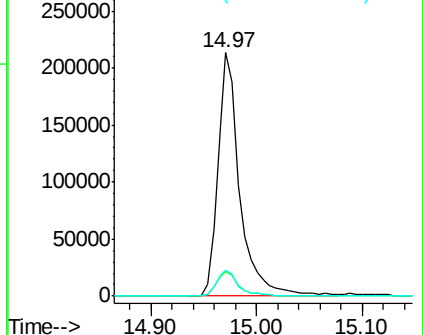
80 10.6 10.2 15.2

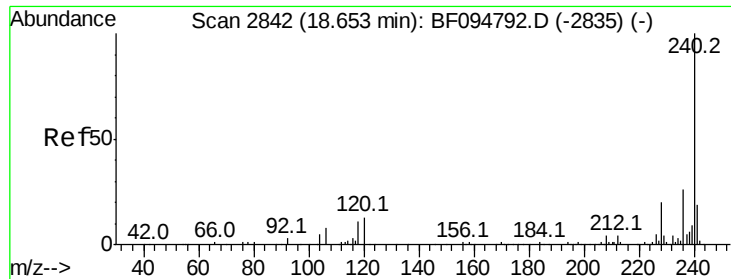


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

Instrument :

BNA_F

ClientSampleId :

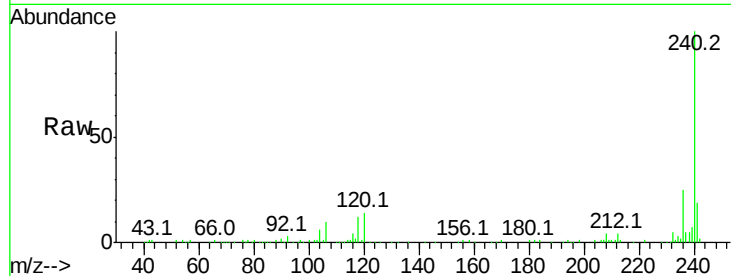
Tot Ion:240 Resp: 262452

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

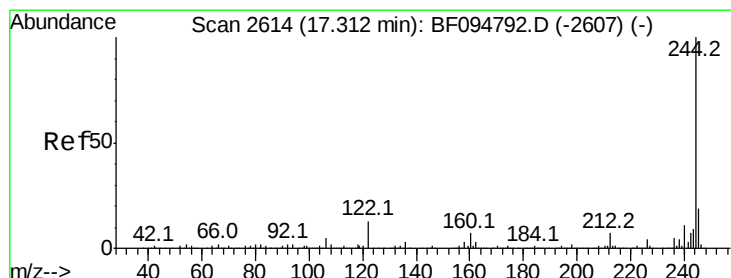
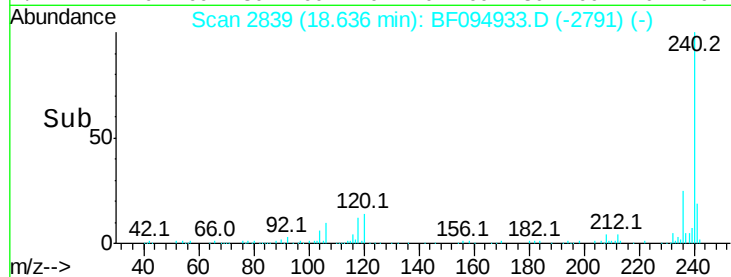
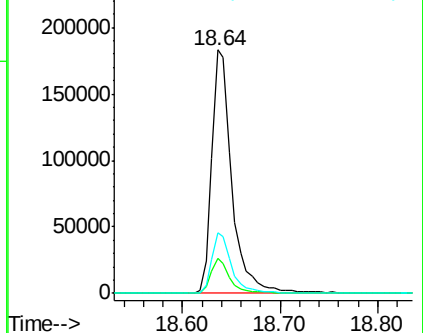
236 24.7 20.5 30.7



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: 82.80 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094933.D

Acq: 5 May 2017 23:56

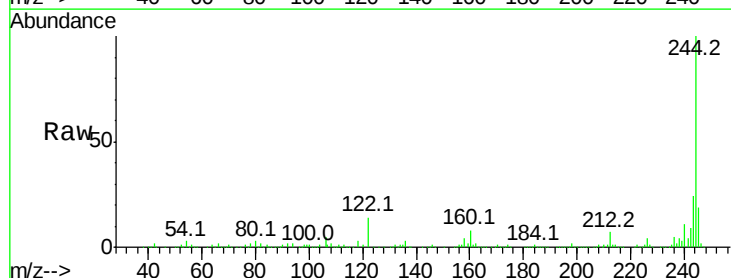
Tgt Ion:244 Resp: 986595

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

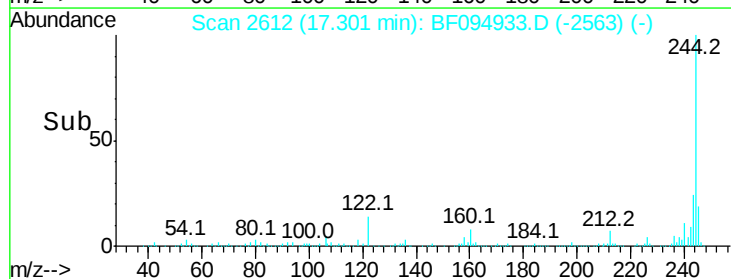
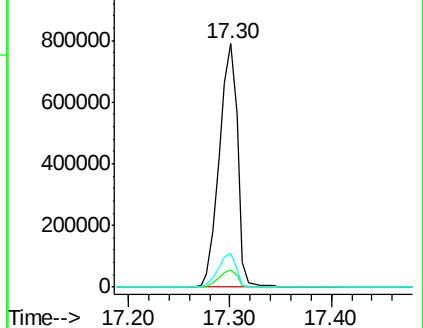
122 14.0 10.3 15.5

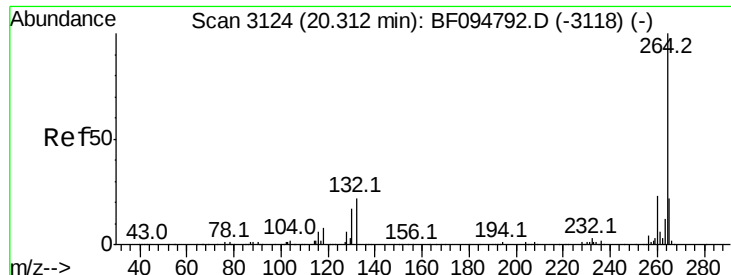


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

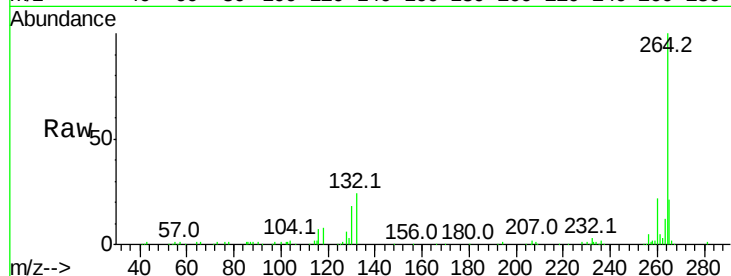




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094933.D
 Acq: 5 May 2017 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.6	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

