

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094937.D
 Acq On : 6 May 2017 2:05
 Operator : SJ/MA
 Sample : I2950-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 03:52:51 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

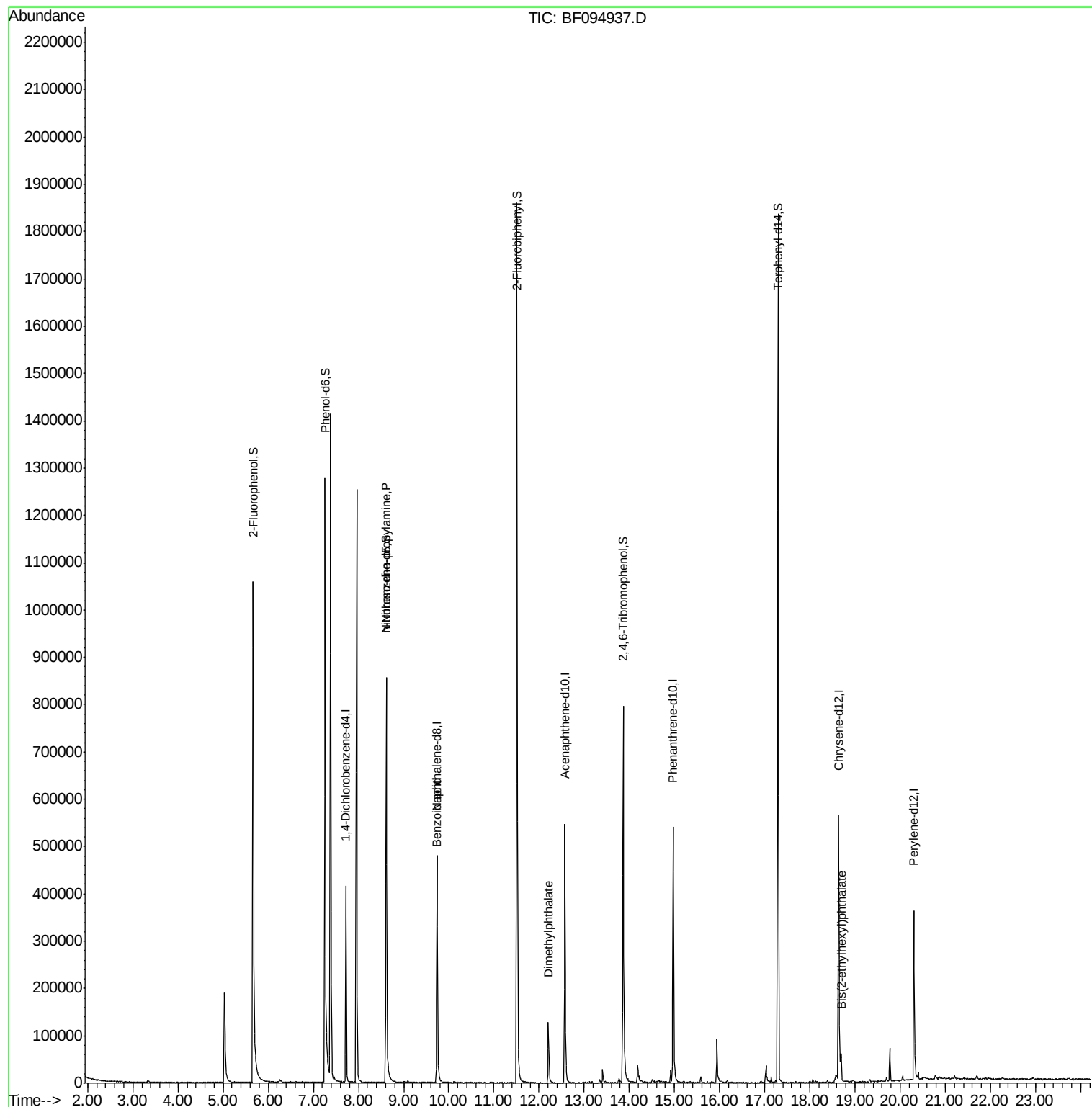
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88185	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	353389	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170117	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	318714	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	271744	20.00	ng	-0.02
86) Perylene-d12	20.31	264	203292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	541796	102.43	ng	-0.01
7) Phenol-d6	7.26	99	691742	109.00	ng	-0.02
23) Nitrobenzene-d5	8.62	82	409961	73.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	150102	107.74	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	842227	71.26	ng	-0.02
78) Terphenyl-d14	17.29	244	741932	60.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	52514	12.23	ng	# 76
32) Benzoic acid	9.73	122	108	5.11	ng	# 51
49) Dimethylphthalate	12.21	163	95312	6.82	ng	97
83) Bis(2-ethylhexyl)phthalate	18.69	149	40773	3.03	ng	# 97

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

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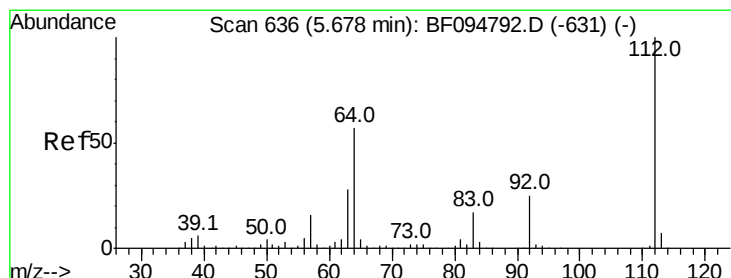
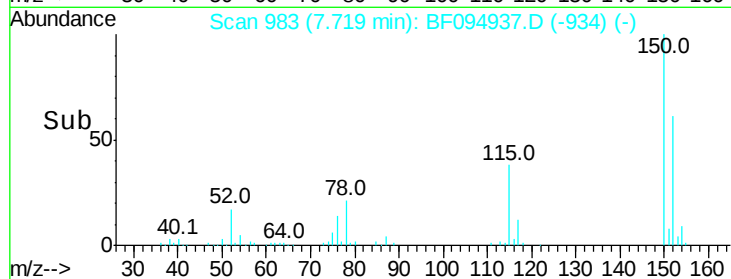
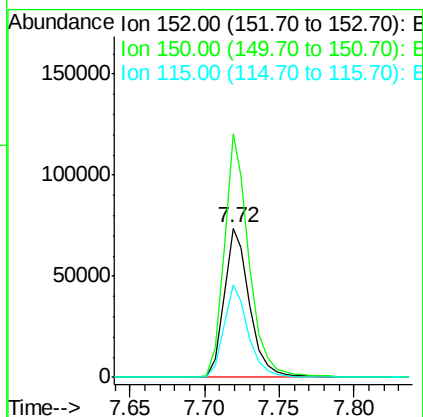
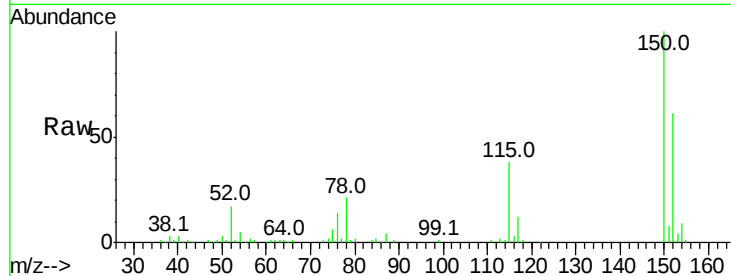


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094937.D
Acq: 6 May 2017 2:05

Instrument :
BNA_F
ClientSampleId :

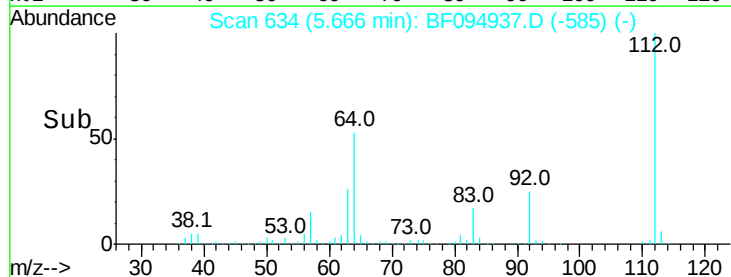
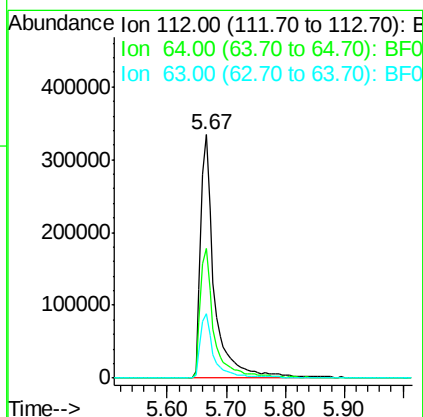
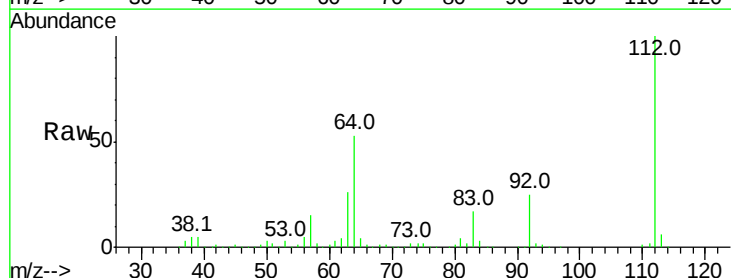
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	126.2	189.2
115	62.0	52.2	78.2



#5

2-Fluorophenol
Concen: 102.43 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094937.D
Acq: 6 May 2017 2:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 109.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

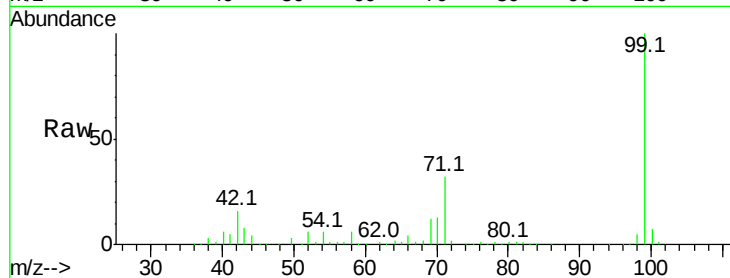
Tot Ion: 99 Resp: 691742

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

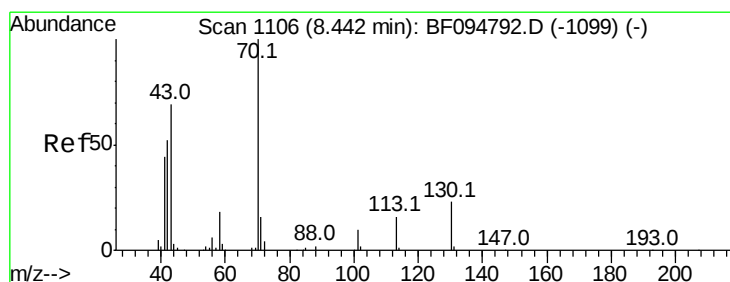
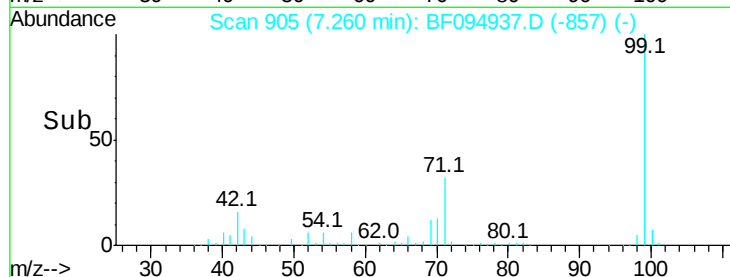
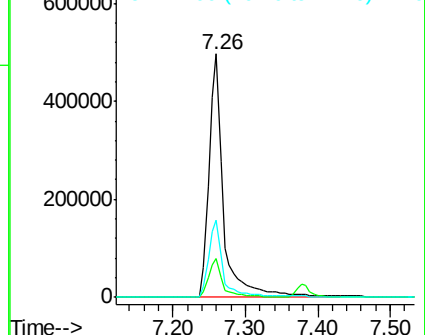
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.23 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Tgt Ion: 70 Resp: 52514

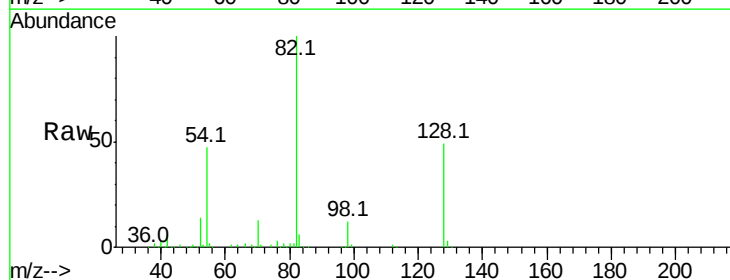
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

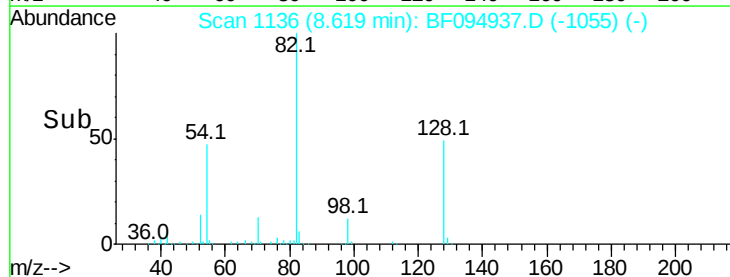
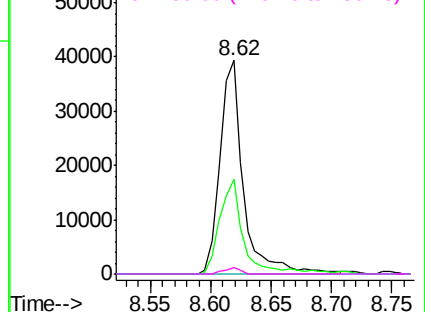


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 353389

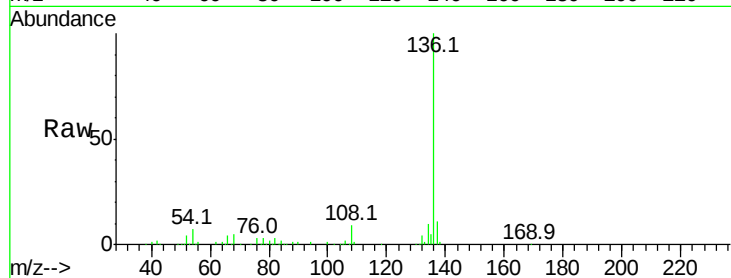
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

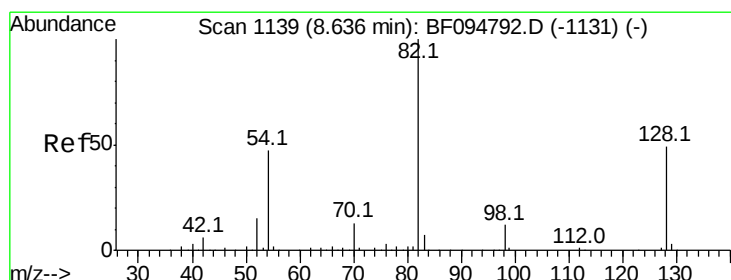
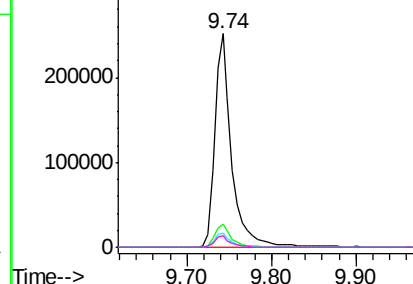
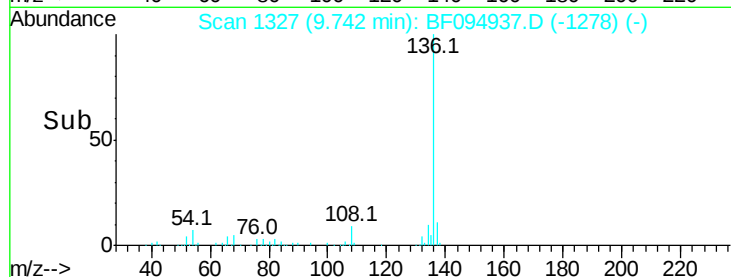


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.15 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

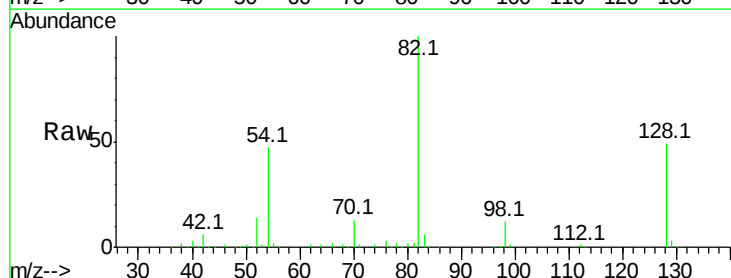
Tgt Ion: 82 Resp: 409961

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

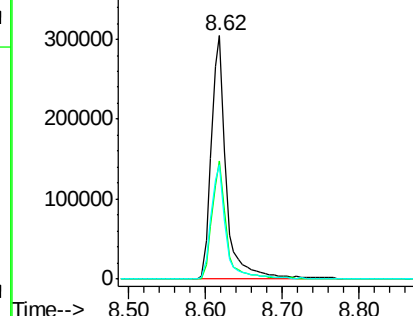
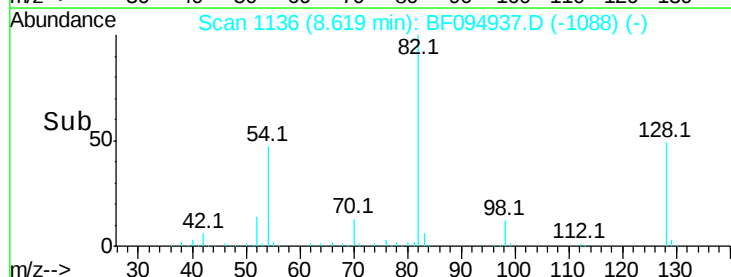
54 47.0 42.2 63.2

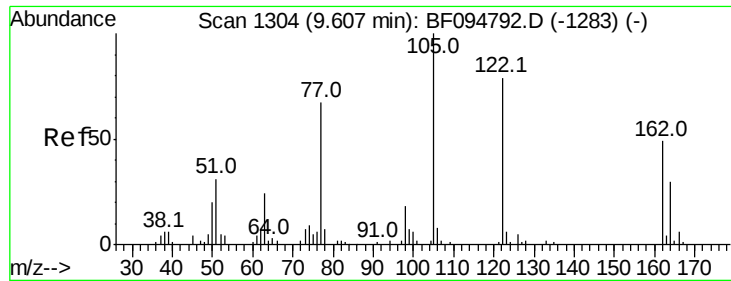


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.11 ng

RT: 9.73 min Scan# 1325

Delta R.T. 0.12 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampled :

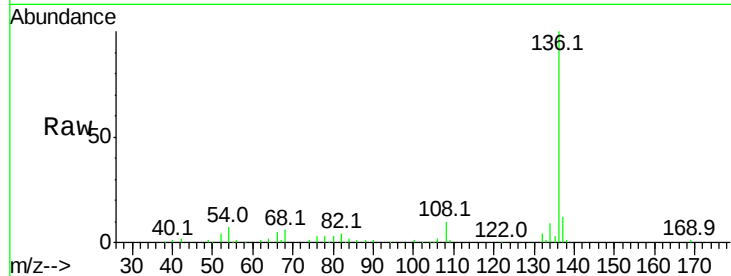
Tot Ion:122 Resp: 108

Ion Ratio Lower Upper

122 100

105 109.8 103.3 143.3

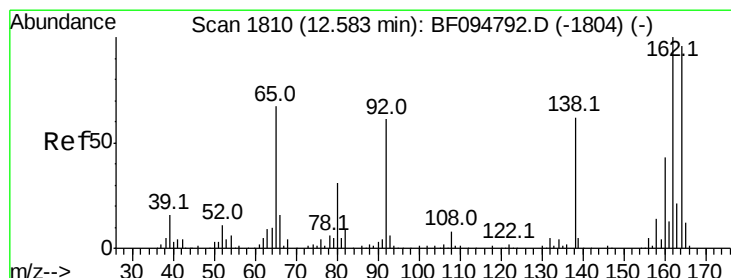
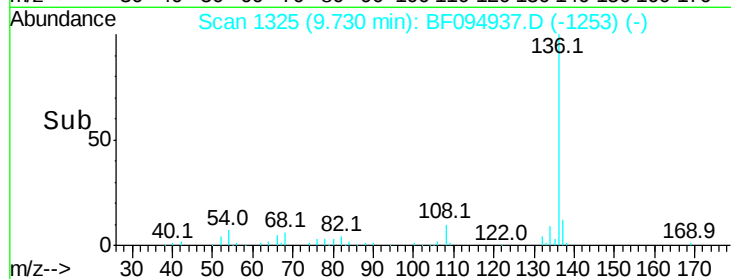
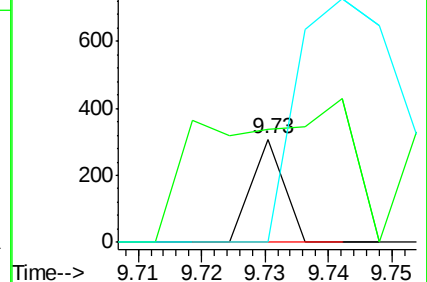
77 0.0 73.7 113.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

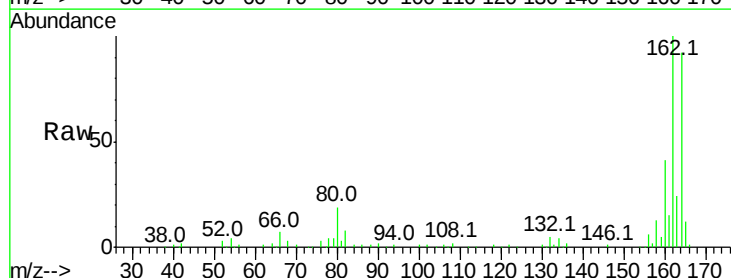
Tgt Ion:164 Resp: 170117

Ion Ratio Lower Upper

164 100

162 108.4 82.6 123.8

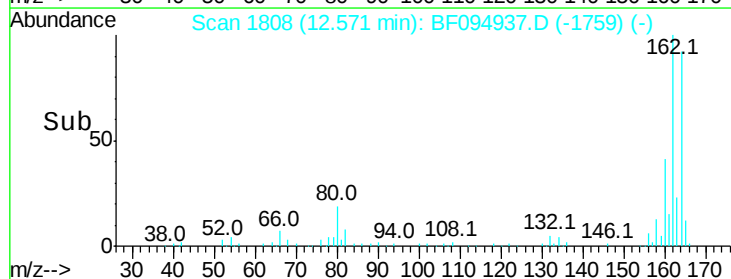
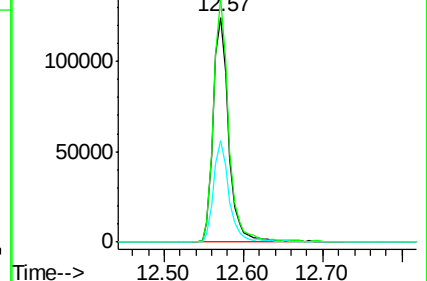
160 44.9 36.2 54.2



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

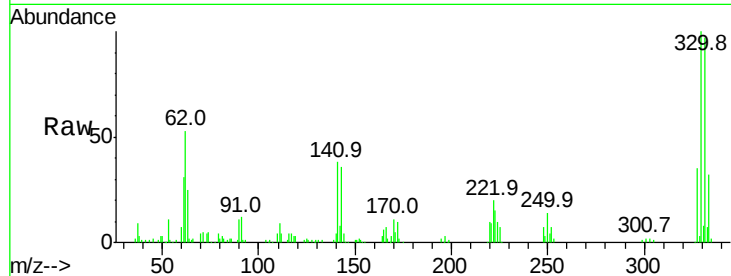




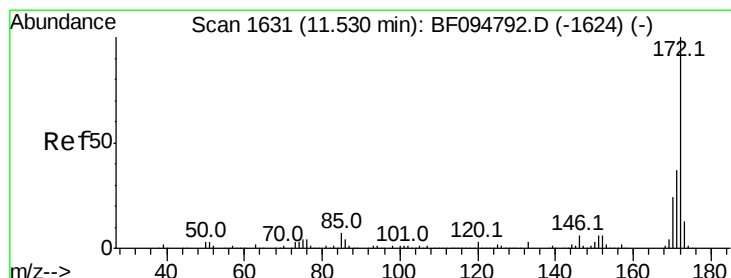
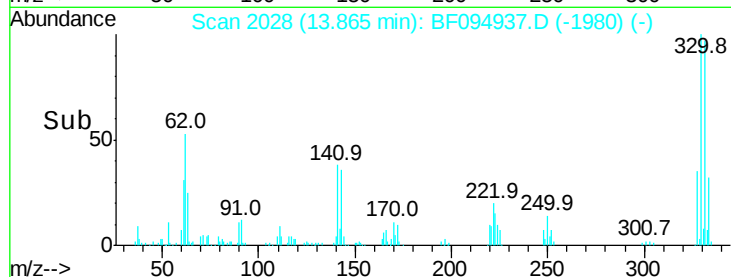
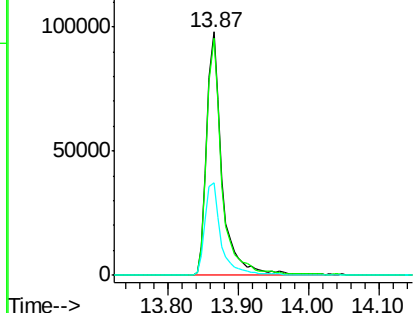
#41
 2,4,6-Tribromophenol
 Concen: 107.74 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.9	31.4	47.2

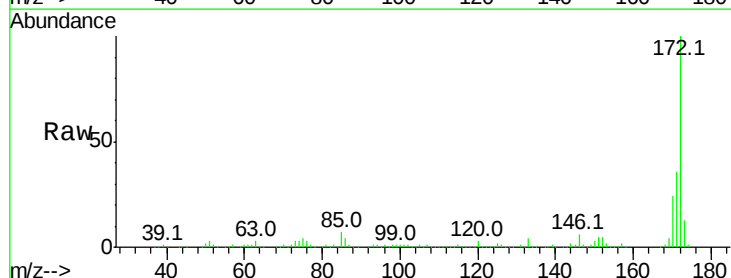


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

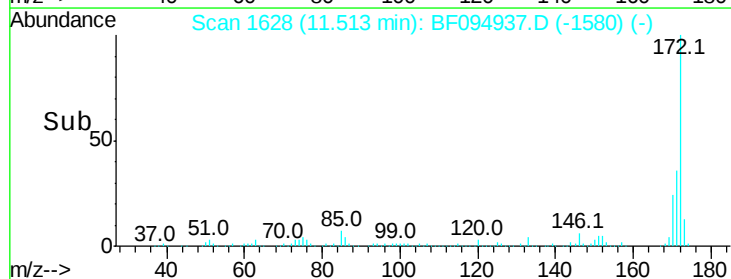
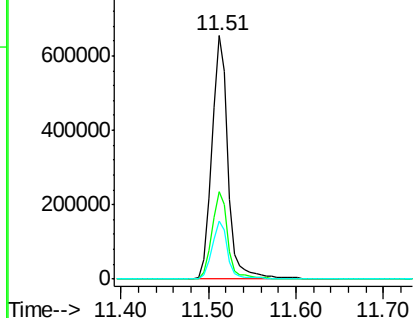


#44
 2-Fluorobiphenyl
 Concen: 71.26 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	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: 6.82 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

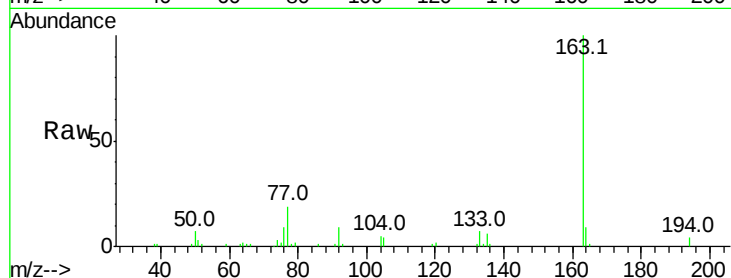
Tot Ion:163 Resp: 95312

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

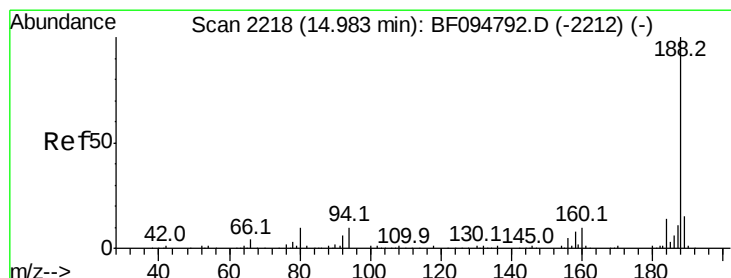
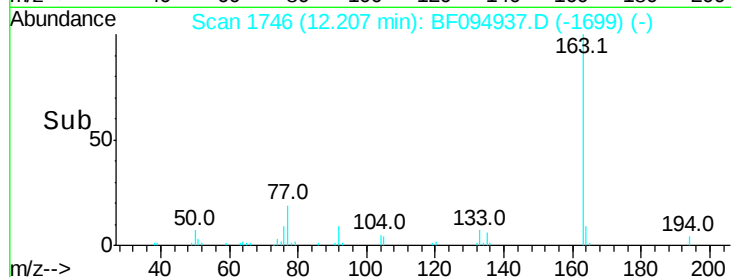
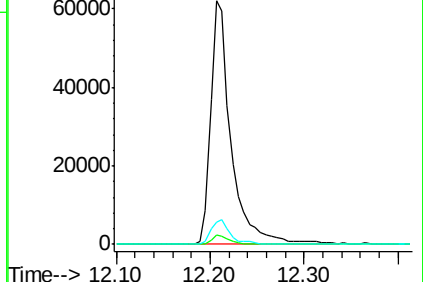
164 9.2 8.4 12.6



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: BF094937.D

Acq: 6 May 2017 2:05

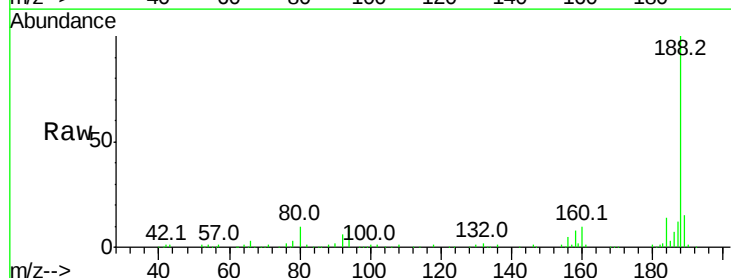
Tgt Ion:188 Resp: 318714

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

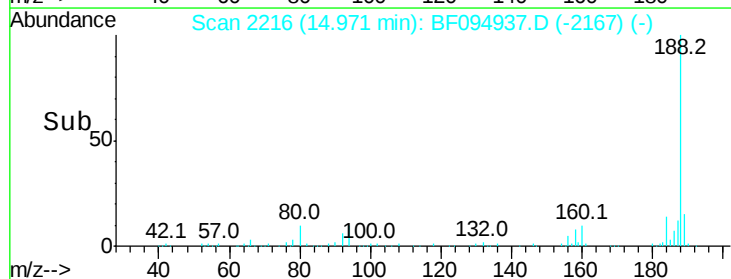
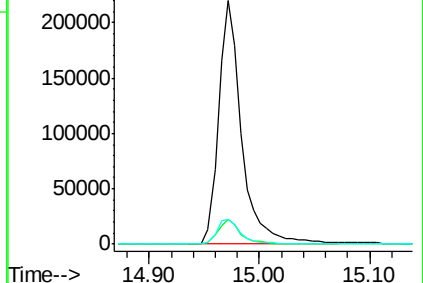
80 10.2 10.2 15.2



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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

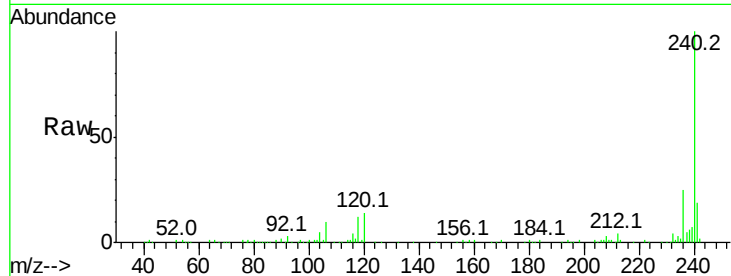
Tot Ion:240 Resp: 271744

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

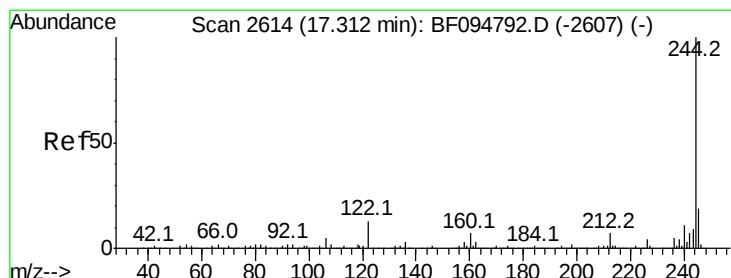
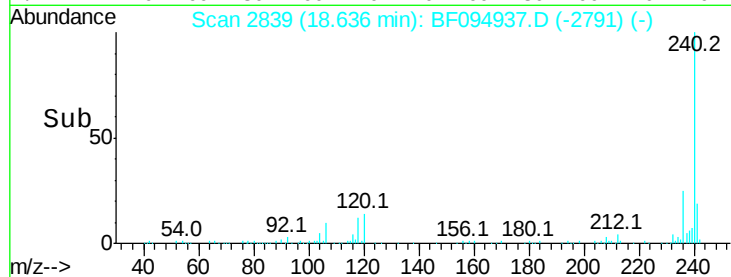
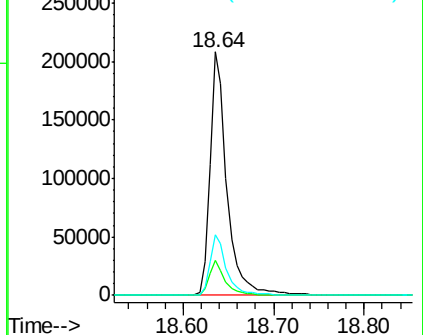
236 24.8 20.5 30.7



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: 60.14 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

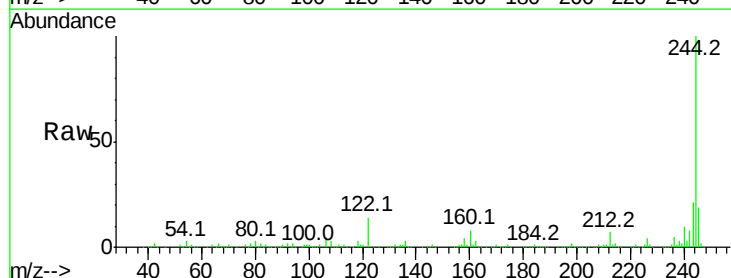
Tgt Ion:244 Resp: 741932

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

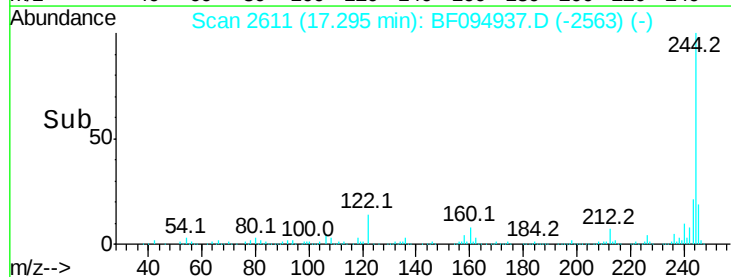
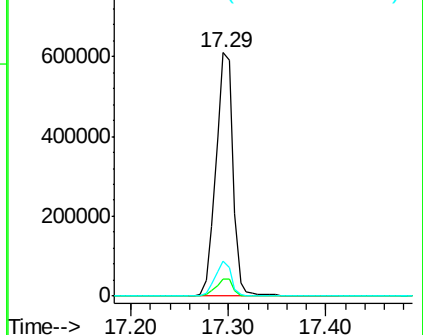
122 14.3 10.3 15.5

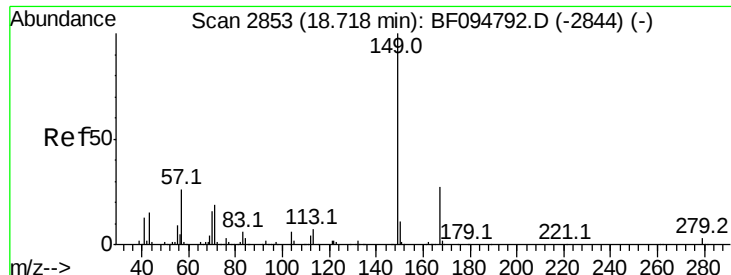


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

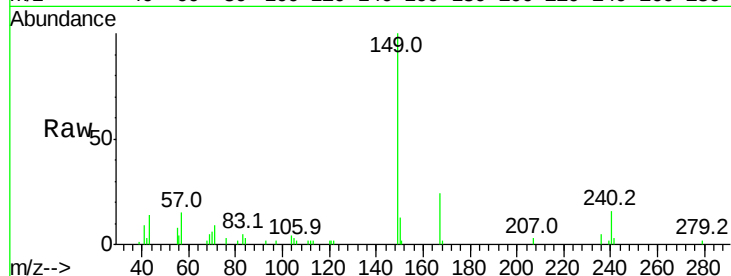




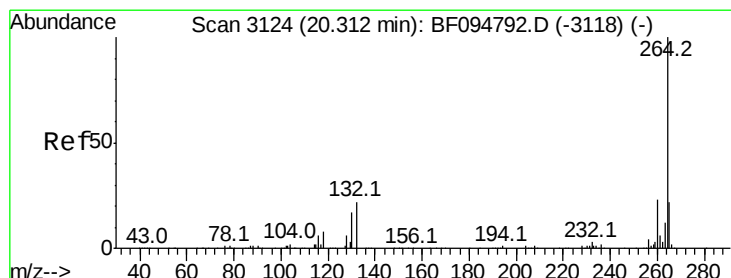
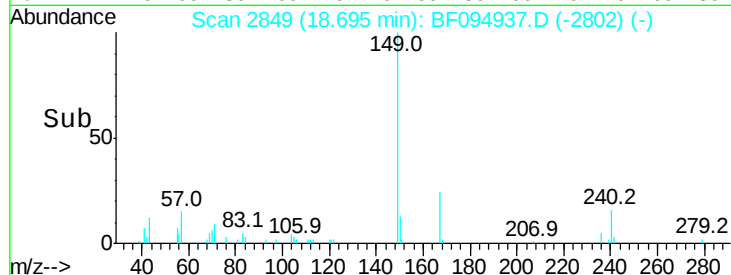
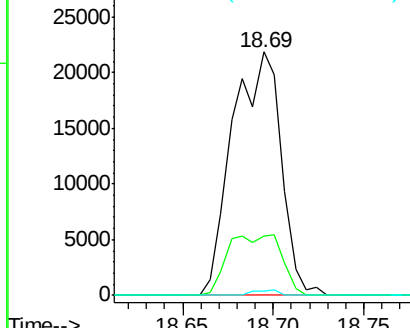
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.03 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 40773
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.0 31.4
 279 1.8 1.9 2.9#

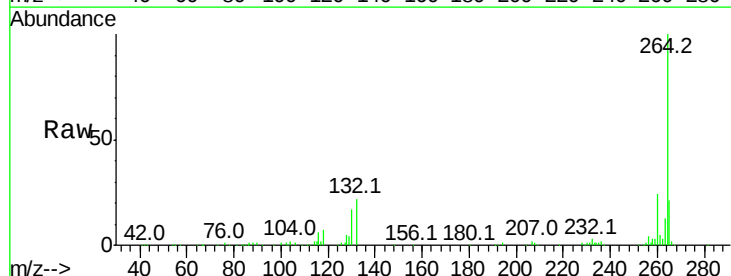


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Tgt Ion:264 Resp: 203292
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

