

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094939.D
 Acq On : 6 May 2017 3:10
 Operator : SJ/MA
 Sample : I2950-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 03:53:13 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

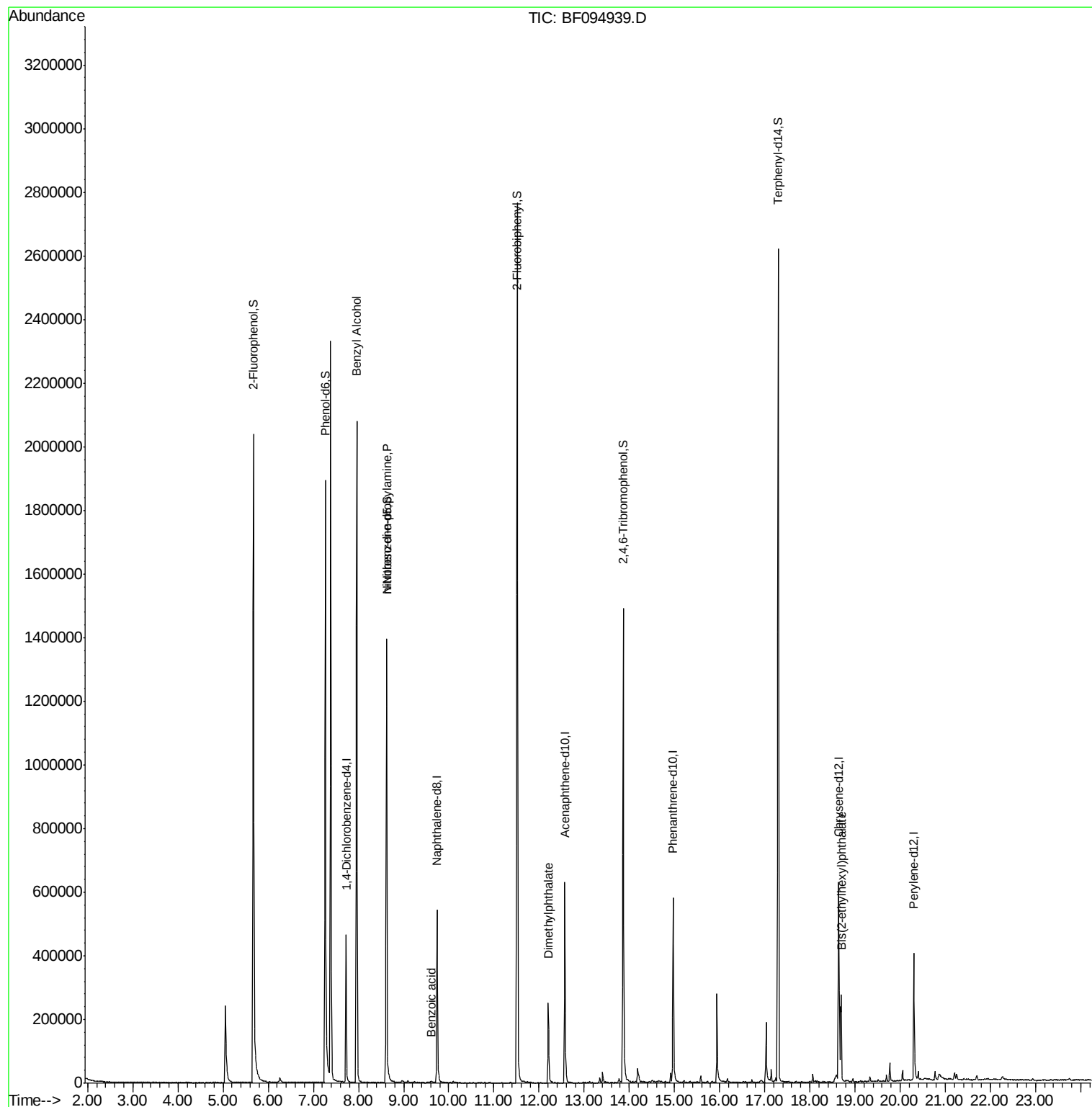
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	100660	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	398259	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	186445	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	326121	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	302924	20.00	ng	-0.02
86) Perylene-d12	20.31	264	222758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	958689	158.79	ng	0.00
7) Phenol-d6	7.27	99	1125408	155.35	ng	-0.01
23) Nitrobenzene-d5	8.62	82	665162	105.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	264015	172.91	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1242072	95.89	ng	-0.01
78) Terphenyl-d14	17.30	244	1101036	80.06	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	10948	2.35	ng	# 44
19) n-Nitroso-di-n-propylamine	8.62	70	85945	17.54	ng	# 74
32) Benzoic acid	9.62	122	2116	5.58	ng	# 56
49) Dimethylphthalate	12.21	163	163141	10.66	ng	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	200901	13.38	ng	# 99

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

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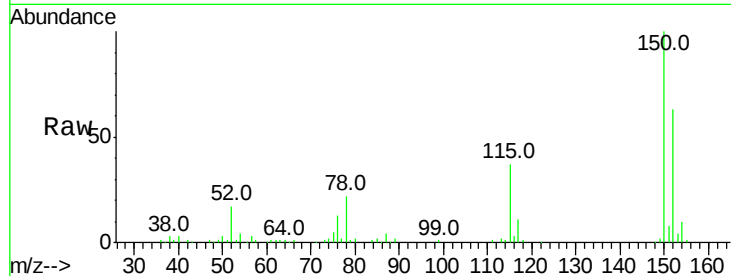


#1

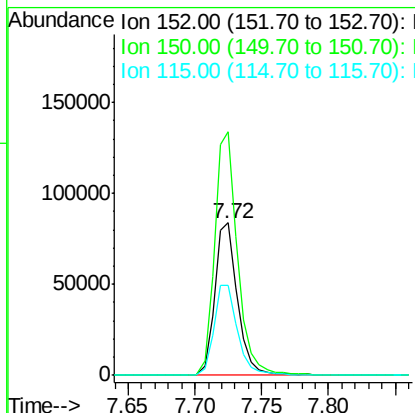
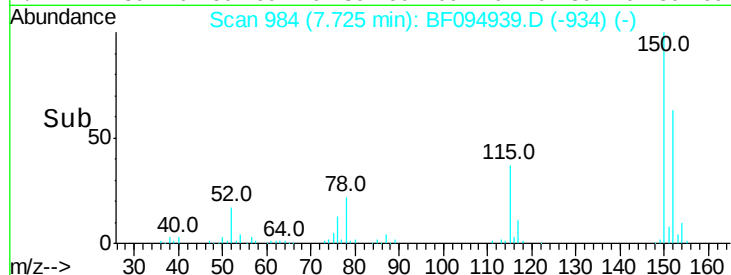
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 100660
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.2 189.2
 115 58.8 52.2 78.2



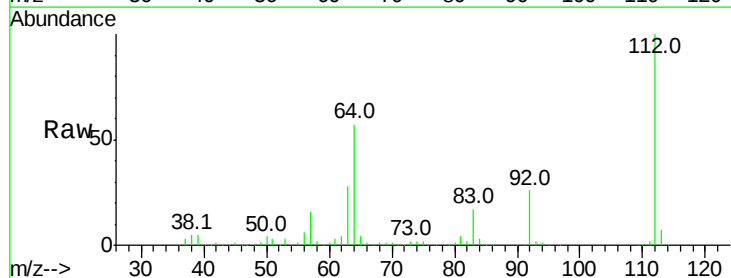
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



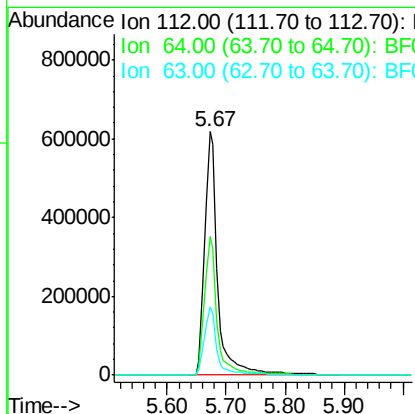
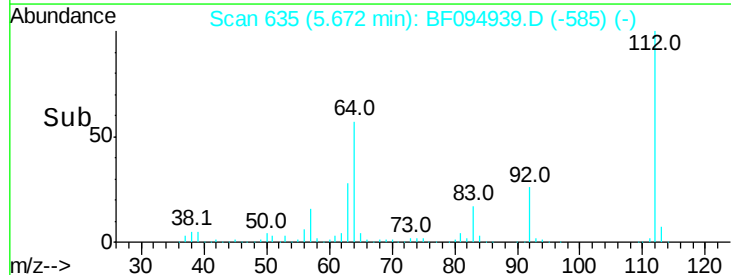
#5

2-Fluorophenol
 Concen: 158.79 ng
 RT: 5.67 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Tgt Ion:112 Resp: 958689
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.0 69.0
 63 27.9 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: 155.35 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Instrument :

BNA_F

ClientSampled :

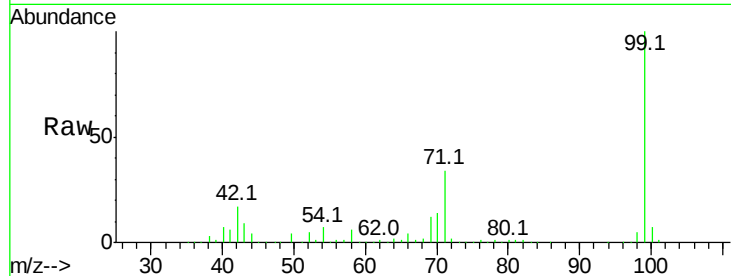
Tot Ion: 99 Resp: 1125408

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

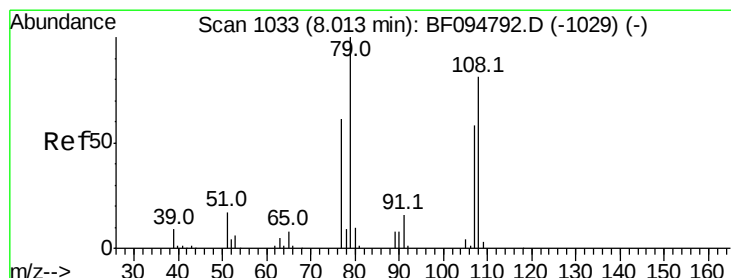
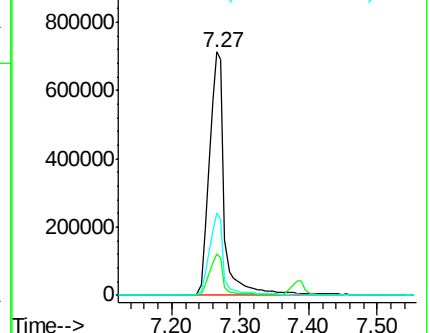
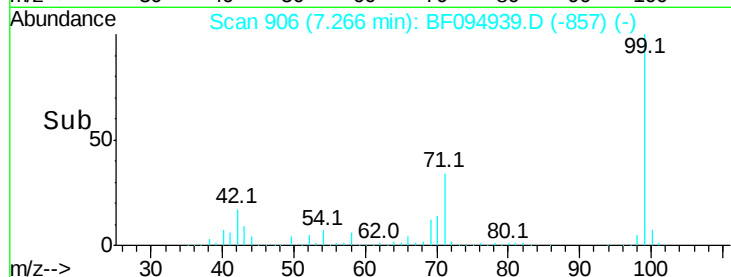
71 33.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

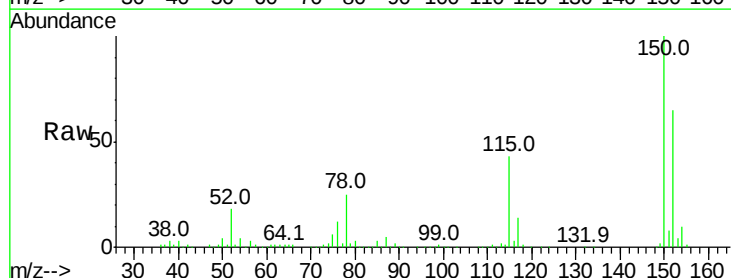
Tgt Ion: 79 Resp: 10948

Ion Ratio Lower Upper

79 100

108 28.2 63.4 95.0#

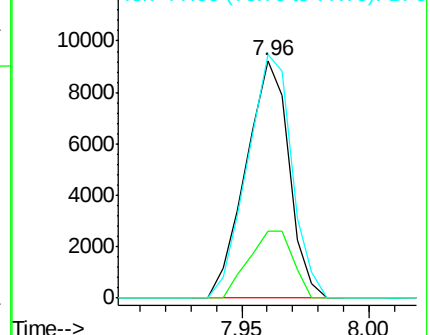
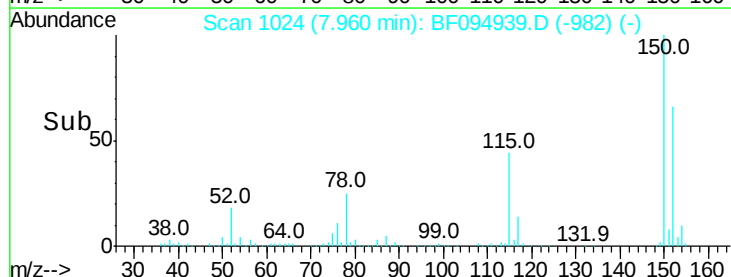
77 102.6 49.2 73.8#



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

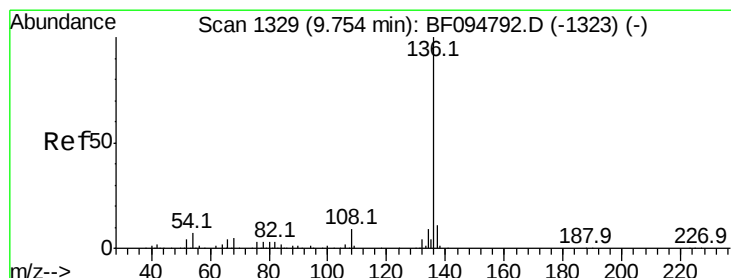
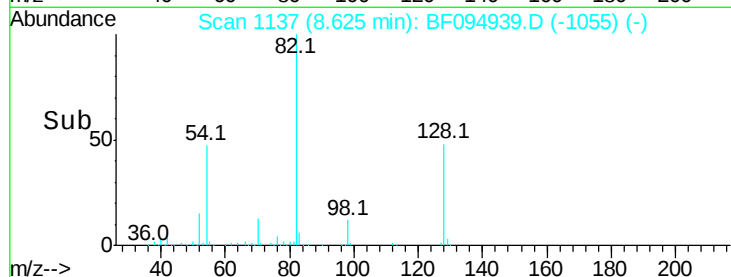
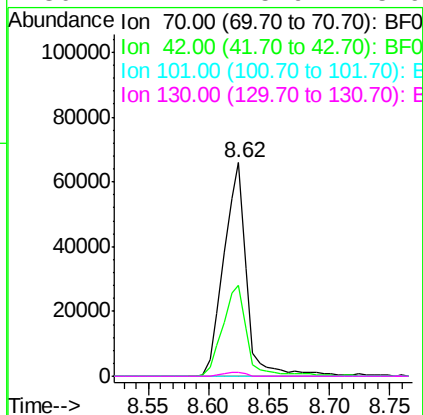
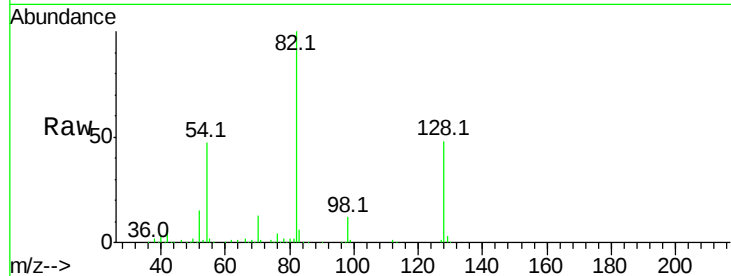




#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

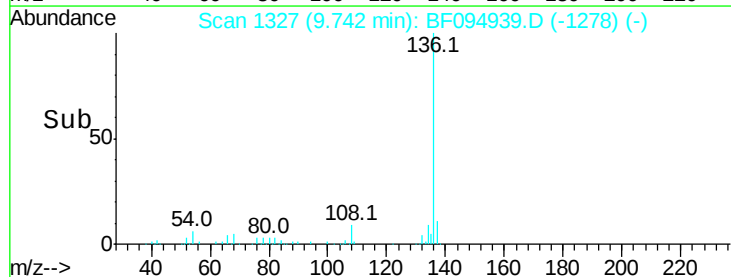
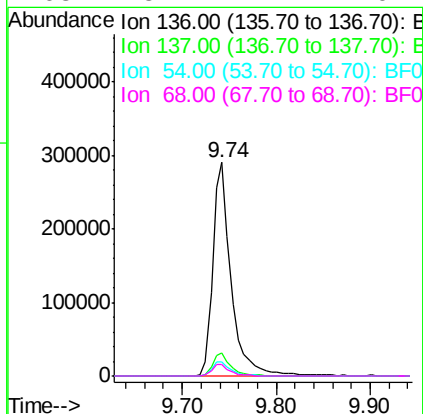
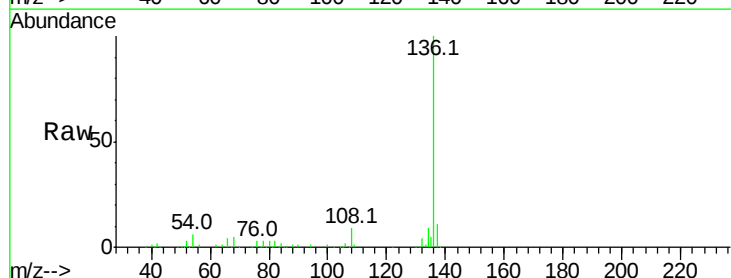
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 85945
Ion Ratio Lower Upper
70 100
42 42.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion: 136 Resp: 398259
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.5 4.9 7.3
68 5.4 4.1 6.1

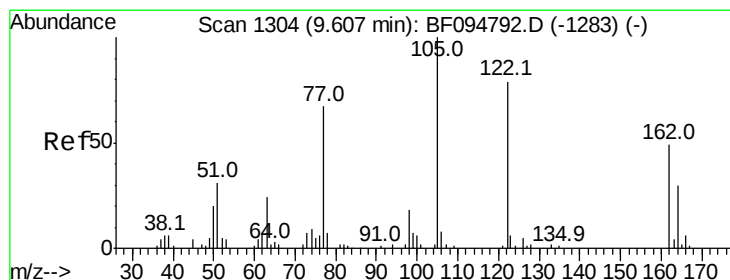
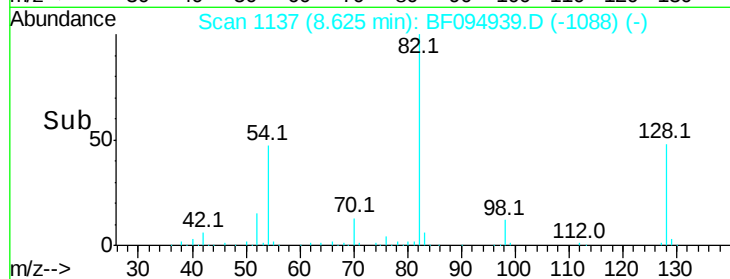
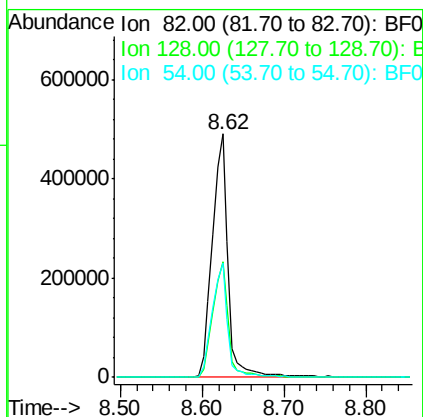
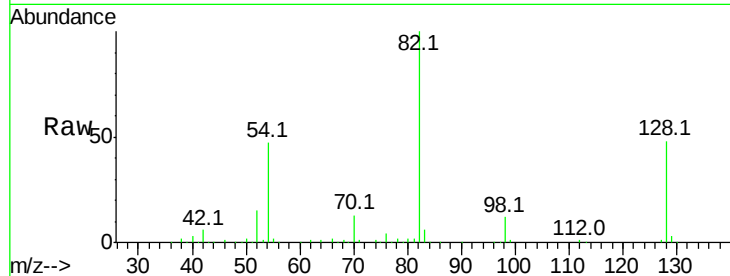




#23
Nitrobenzene-d5
Concen: 105.32 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

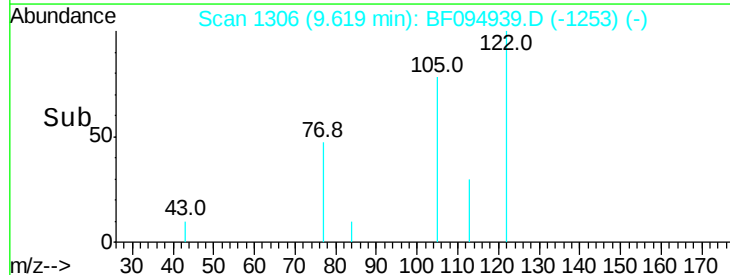
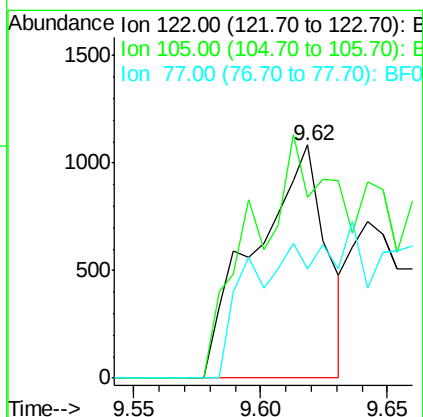
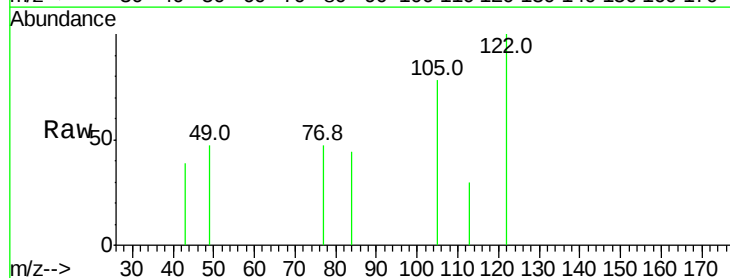
Instrument :
BNA_F
ClientSampleId :

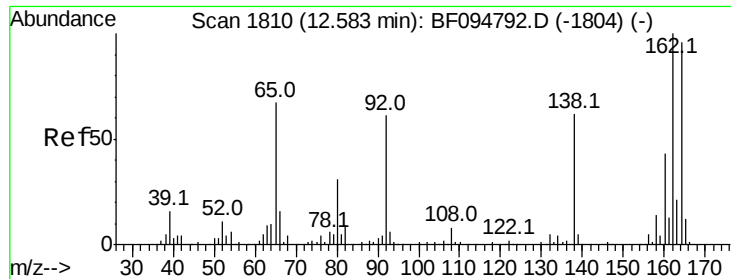
Tot Ion: 82 Resp: 665162
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 47.1 42.2 63.2



#32
Benzoic acid
Concen: 5.58 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion:122 Resp: 2116
Ion Ratio Lower Upper
122 100
105 77.6 103.3 143.3#
77 47.1 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

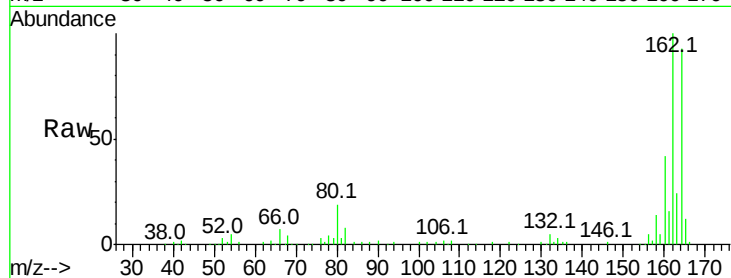
Tot Ion:164 Resp: 186445

Ion Ratio Lower Upper

164 100

162 107.8 82.6 123.8

160 45.3 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

200000

150000

100000

50000

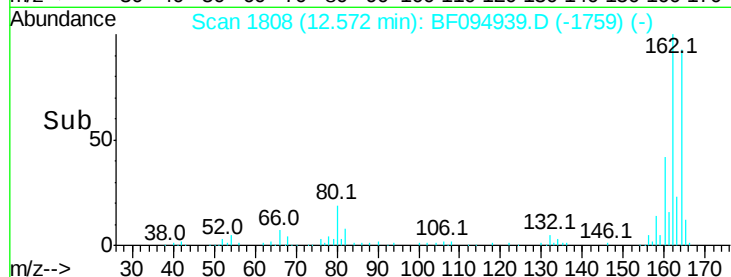
0

12.57

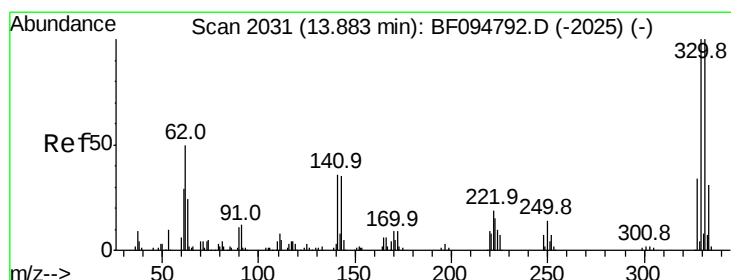
12.50

12.60

12.70



Time-->



#41

2,4,6-Tribromophenol

Concen: 172.91 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

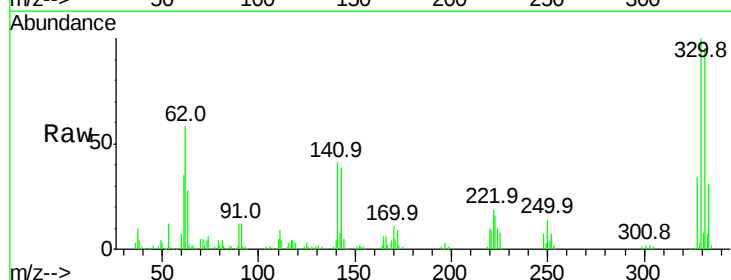
Tgt Ion:330 Resp: 264015

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 39.3 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

200000

150000

100000

50000

0

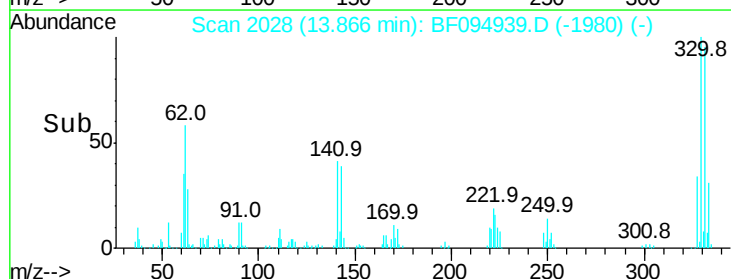
13.87

13.80

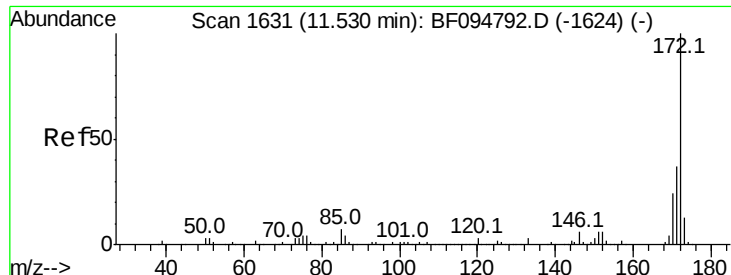
13.90

14.00

14.10



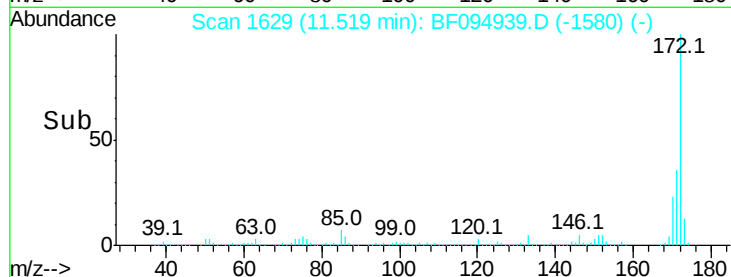
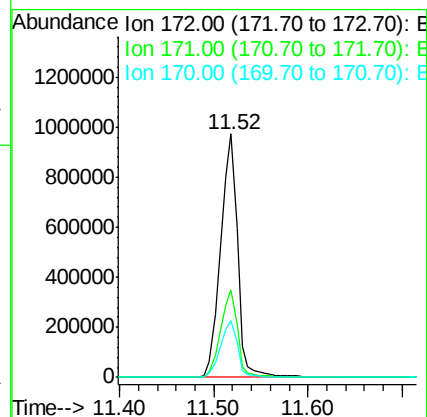
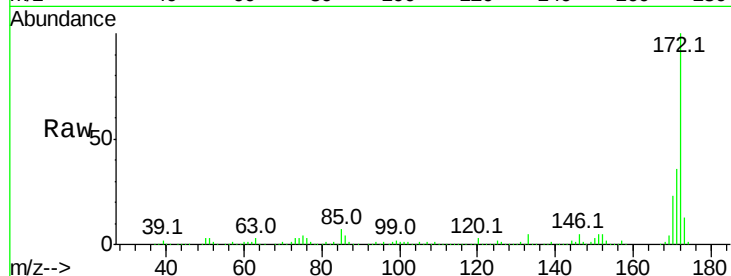
Time-->



#44
2-Fluorobiphenyl
Concen: 95.89 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

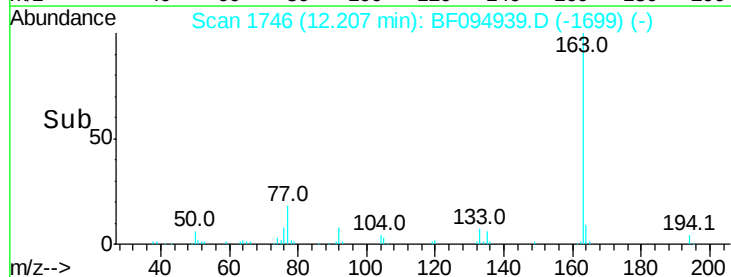
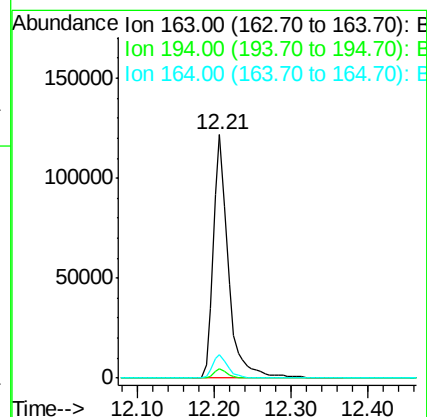
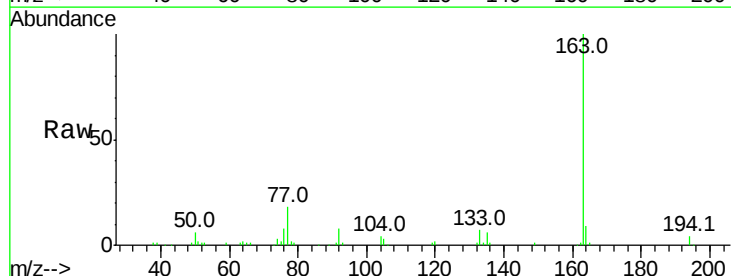
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1242072
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 10.66 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion:163 Resp: 163141
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.4 8.4 12.6

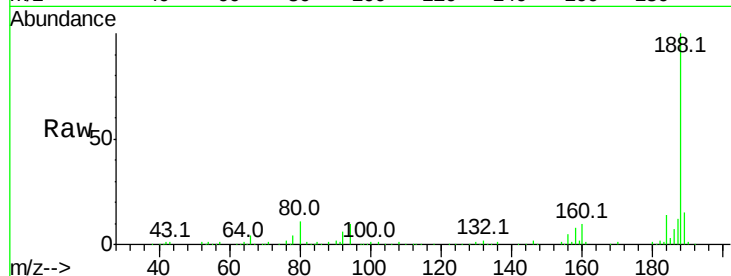




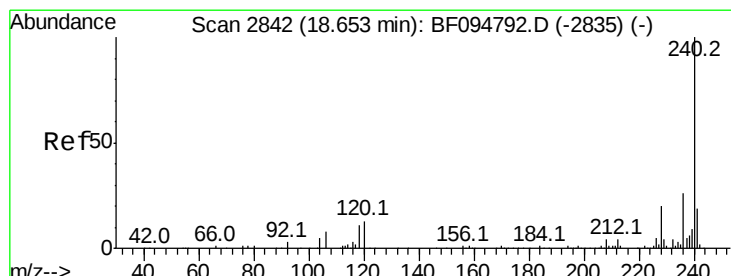
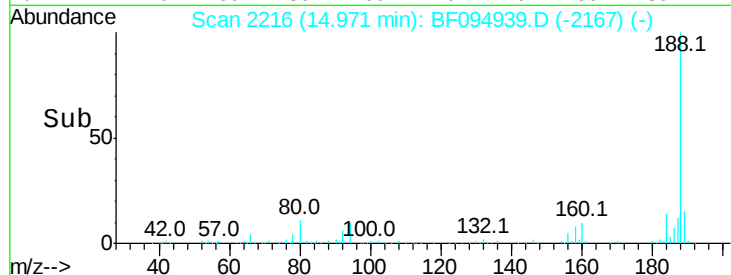
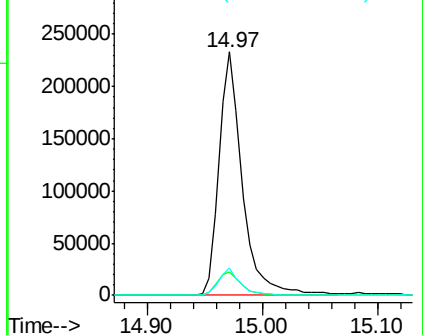
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 326121
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 11.1 10.2 15.2

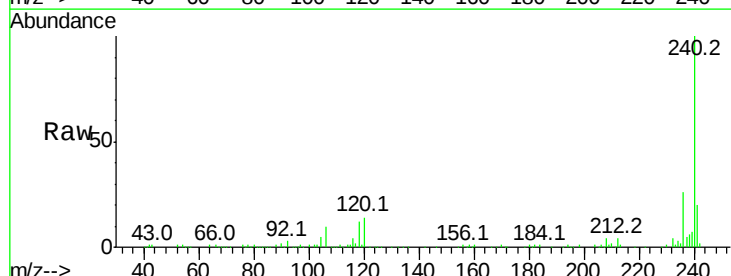


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

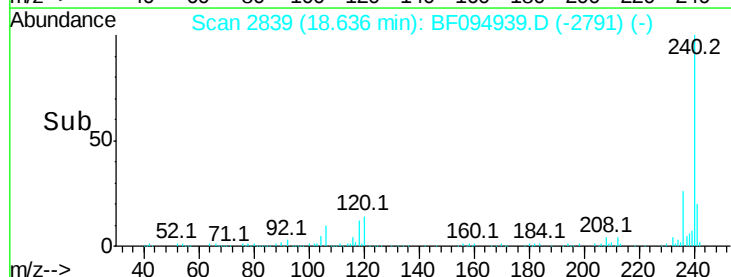
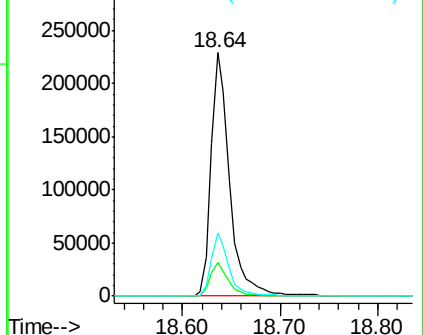


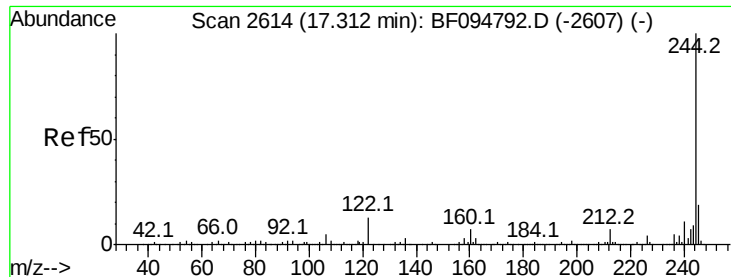
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion:240 Resp: 302924
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.7 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



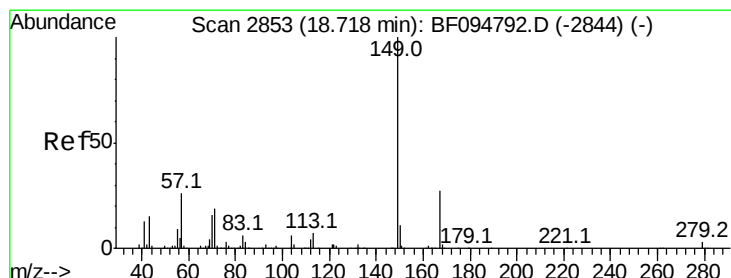
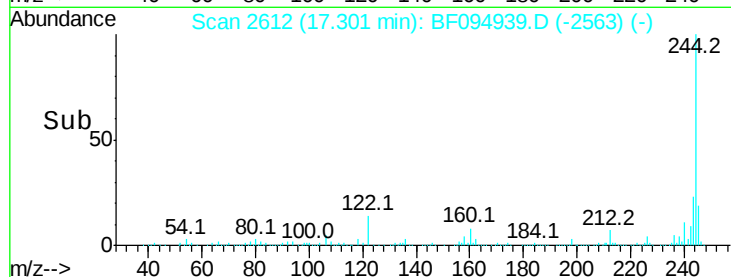
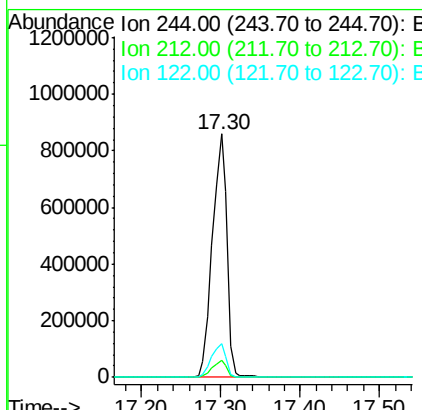
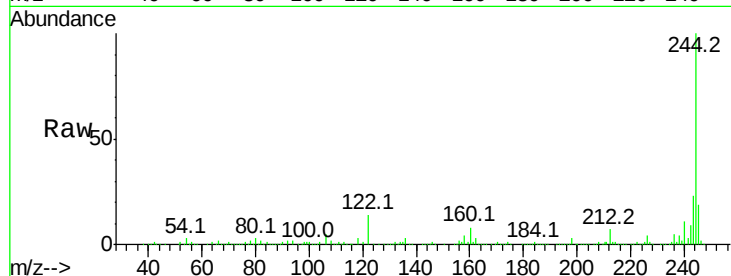


#78
 Terphenyl-d14
 Concen: 80.06 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1101036

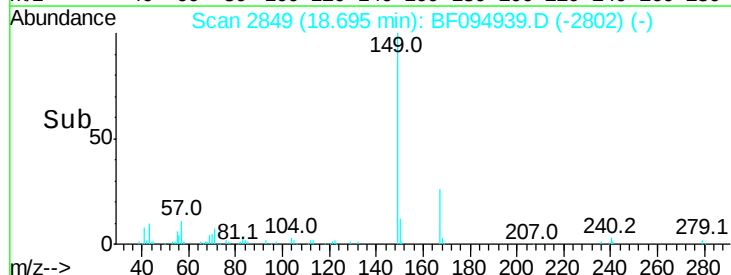
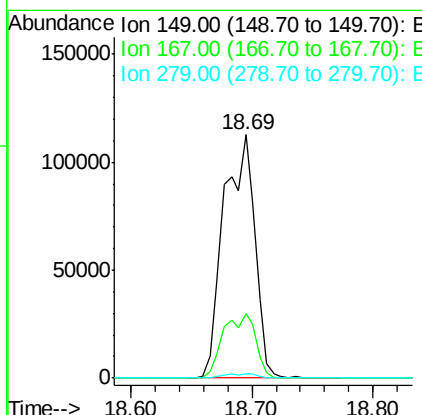
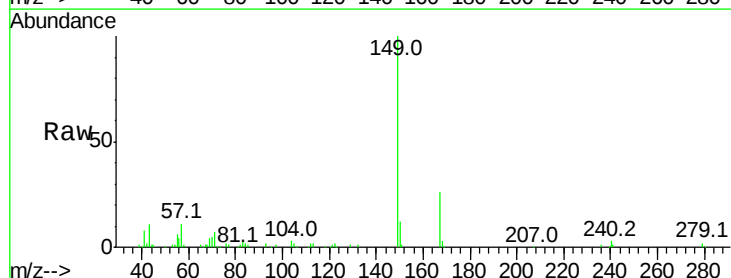
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.7	10.3	15.5

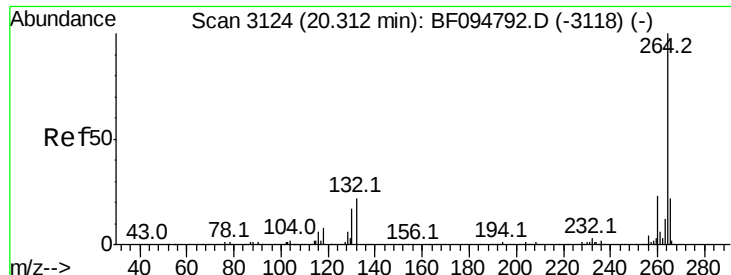


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.38 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Tgt Ion:149 Resp: 200901

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	1.8	1.9	2.9#

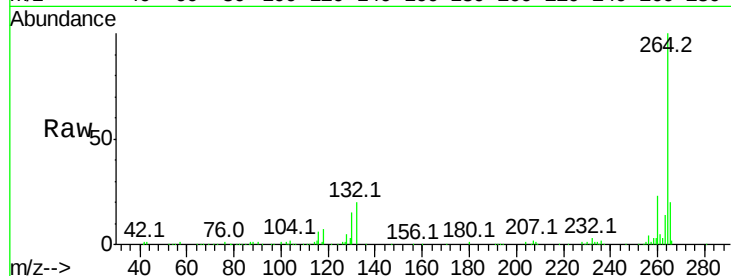




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	19.8	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

