

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094971.D
 Acq On : 8 May 2017 6:14
 Operator : SJ/MA
 Sample : I2947-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:58:32 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

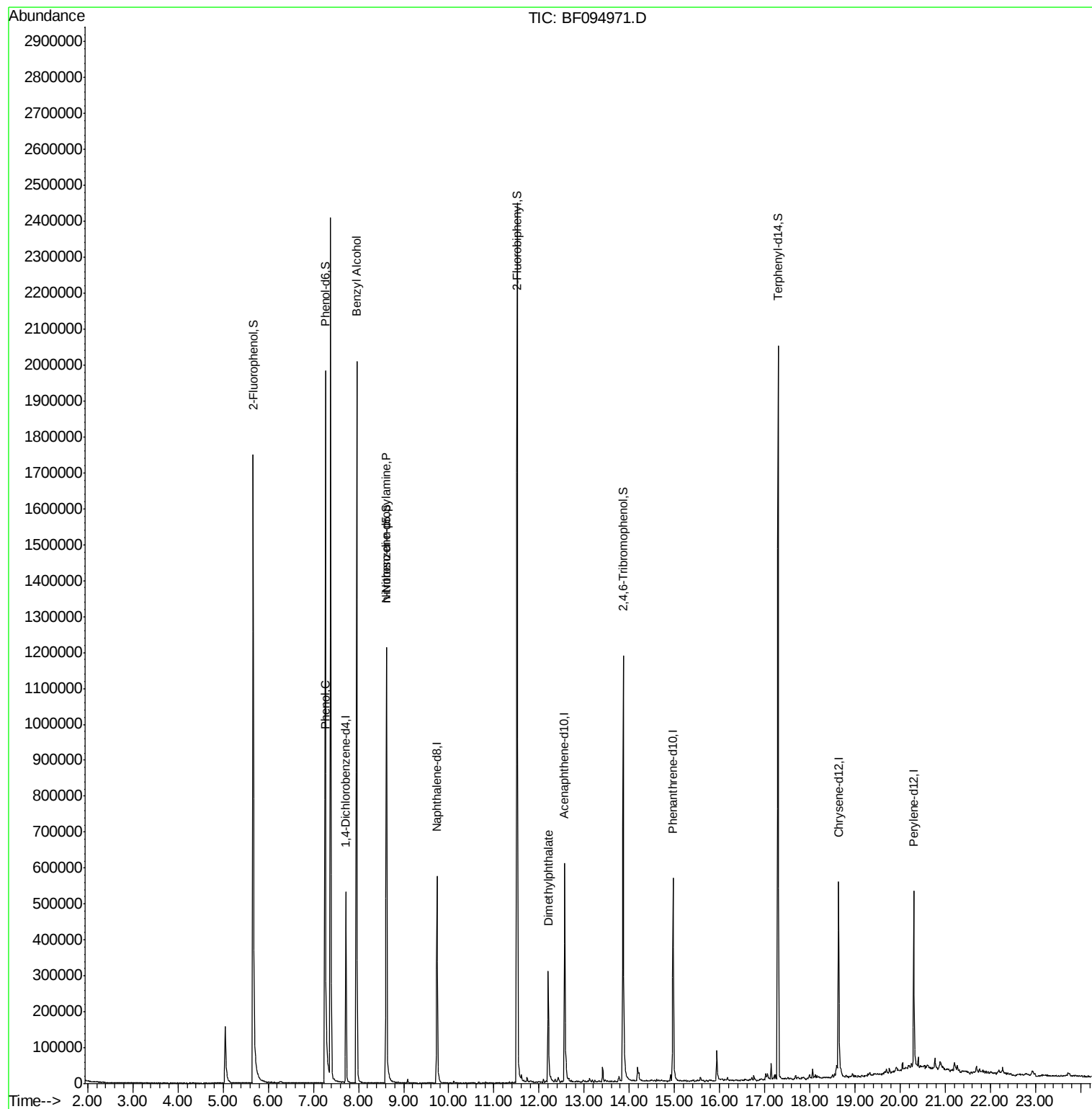
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	109249	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	425590	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	193744	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	315120	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	234095	20.00	ng	-0.02
86) Perylene-d12	20.30	264	212271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	862951	131.69	ng	-0.01
7) Phenol-d6	7.27	99	1120221	142.48	ng	-0.01
23) Nitrobenzene-d5	8.62	82	609429	90.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	210687	132.78	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1176586	87.41	ng	-0.01
78) Terphenyl-d14	17.29	244	817974	76.96	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	24222	2.92	ng	Qvalue 90
15) Benzyl Alcohol	7.96	79	10454	2.07	ng	# 49
19) n-Nitroso-di-n-propylamine	8.62	70	77391	14.55	ng	# 74
49) Dimethylphthalate	12.20	163	201381	12.66	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094971.D
Acq On : 8 May 2017 6:14
Operator : SJ/MA
Sample : I2947-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 07:58:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

Instrument :

BNA_F

ClientSampleId :

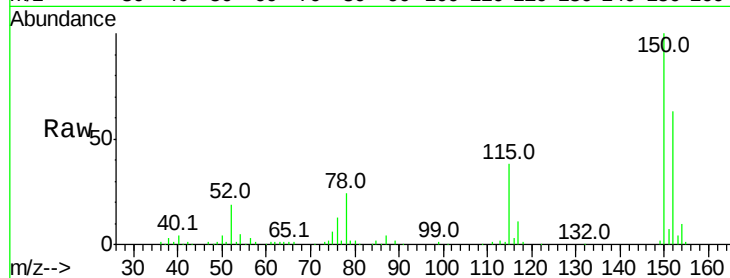
Tot Ion:152 Resp: 109249

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

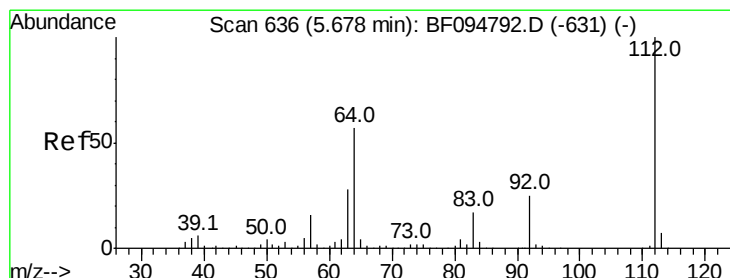
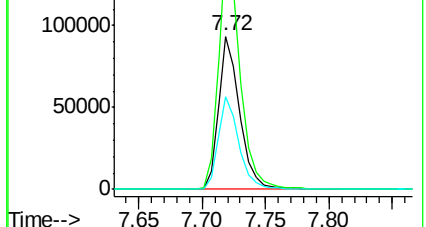
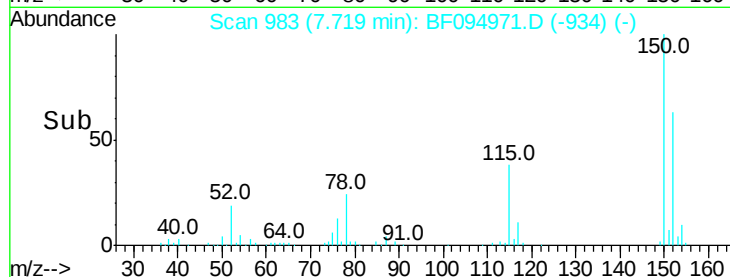
115 60.3 52.2 78.2



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: 131.69 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

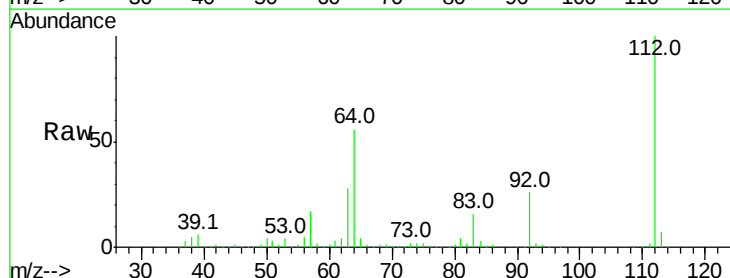
Tgt Ion:112 Resp: 862951

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

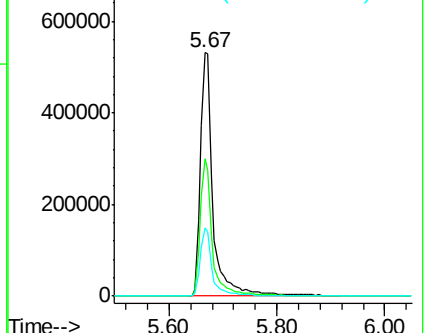
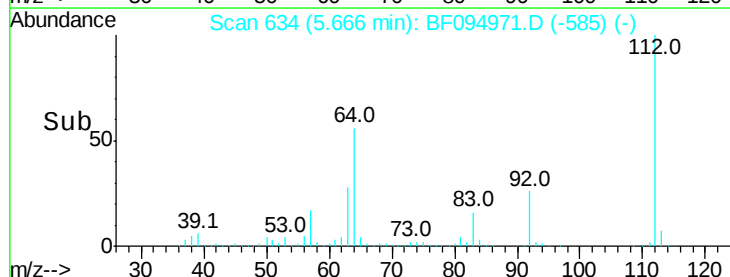
63 27.9 23.4 35.0



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: 142.48 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

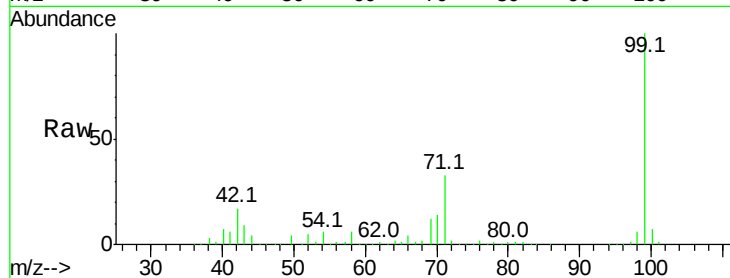
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1120221

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.0	24.5	36.7

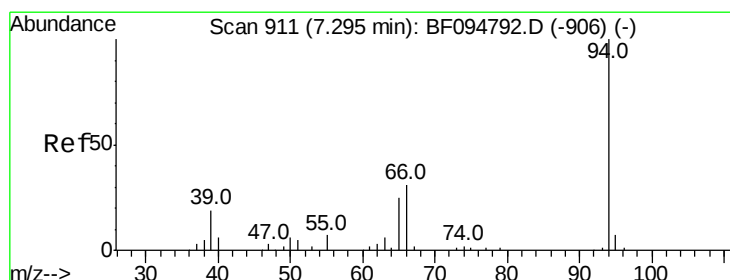
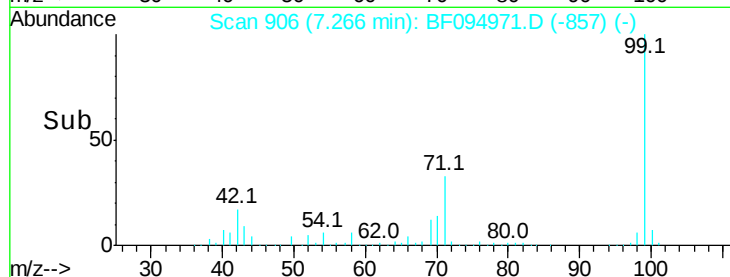
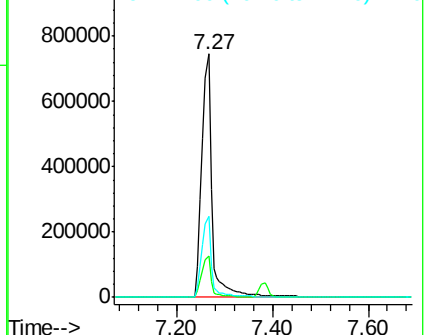


Abundance

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: 2.92 ng

RT: 7.28 min Scan# 908

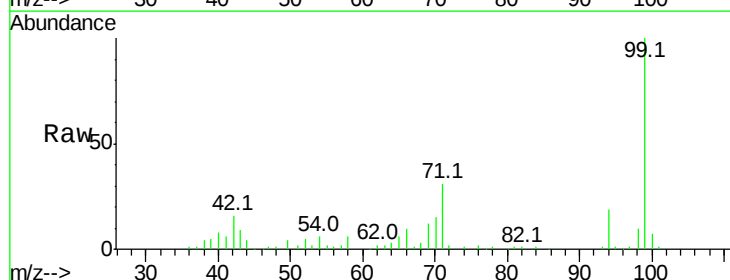
Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

Tgt Ion: 94 Resp: 24222

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	53.0	23.1	63.1

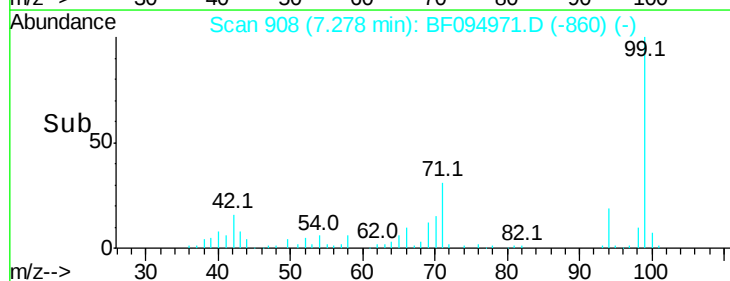
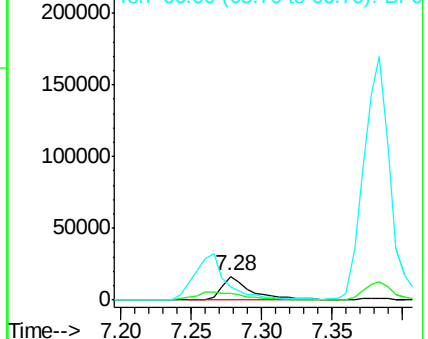


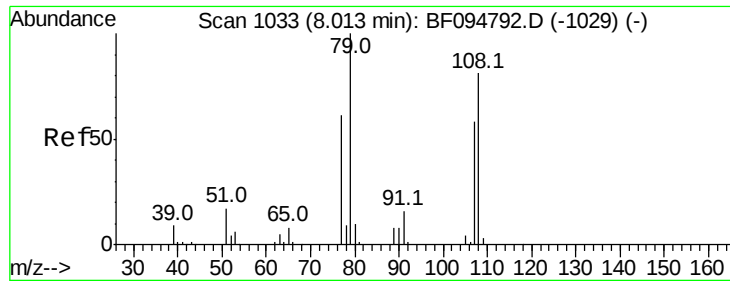
Abundance

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

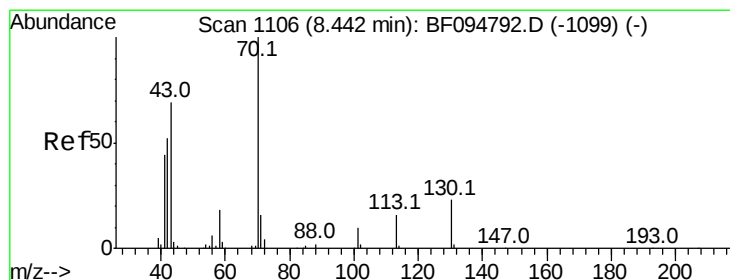
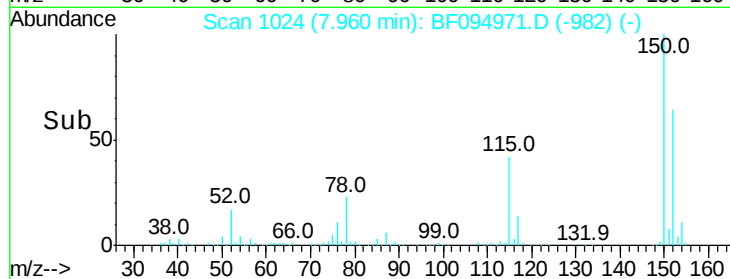
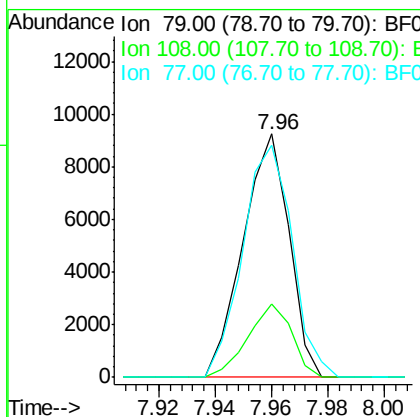
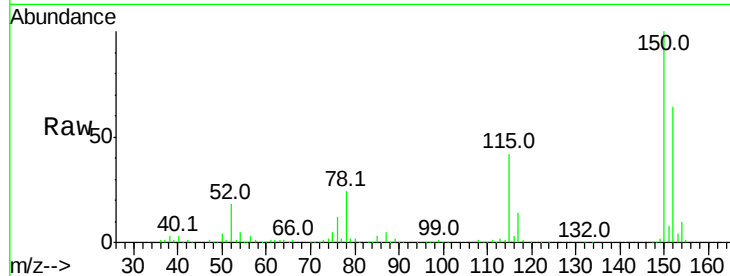




#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

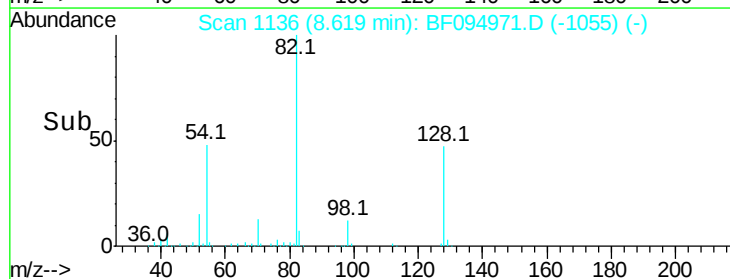
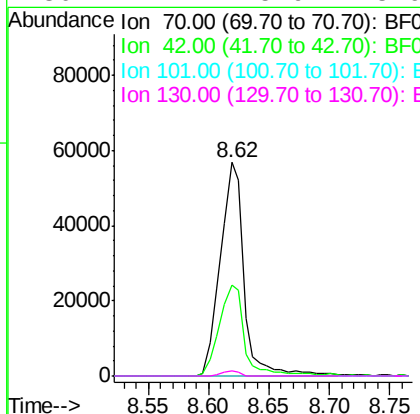
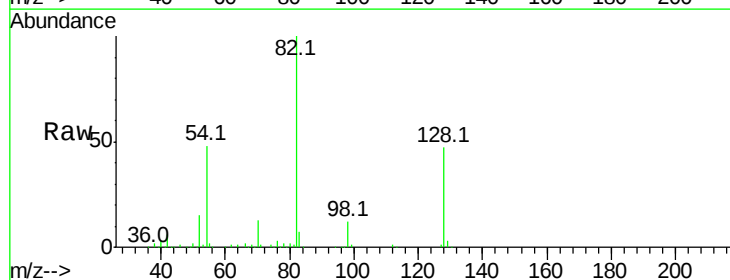
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10454
Ion Ratio Lower Upper
79 100
108 30.4 63.4 95.0#
77 95.5 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.55 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion: 70 Resp: 77391
Ion Ratio Lower Upper
70 100
42 42.5 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# 1326

Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425590

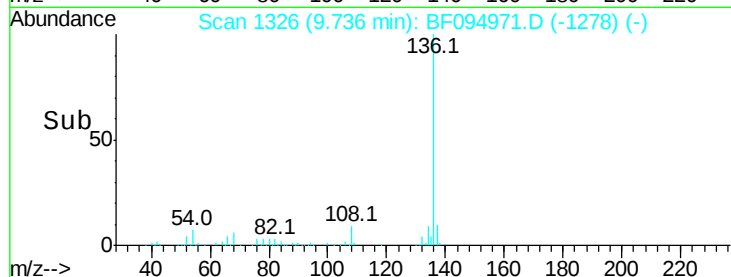
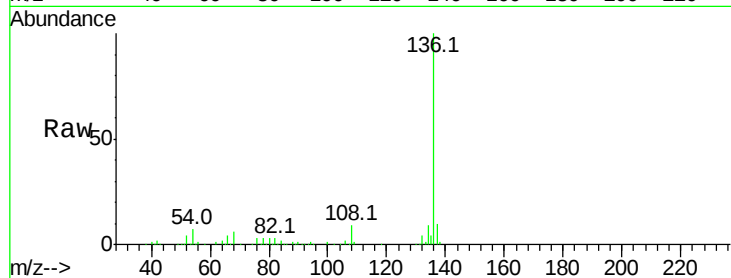
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

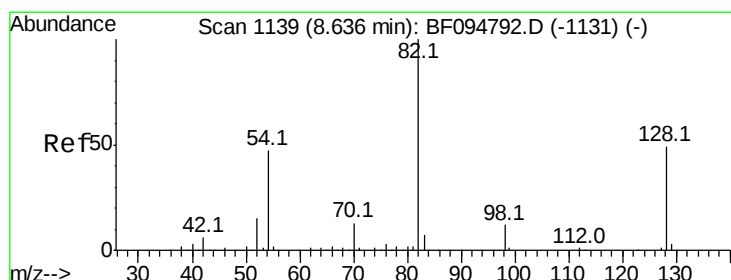
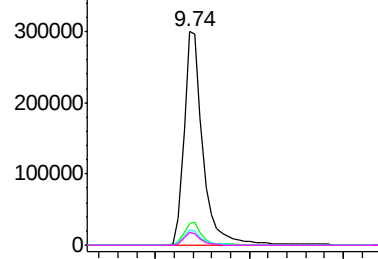


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.30 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

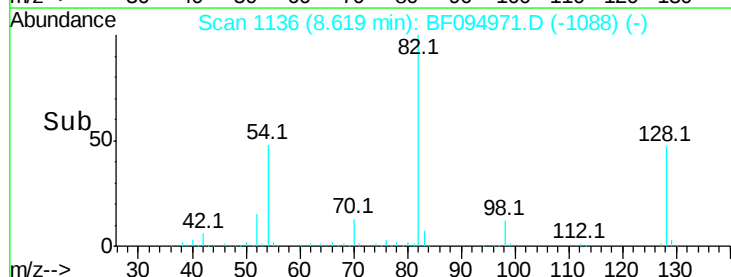
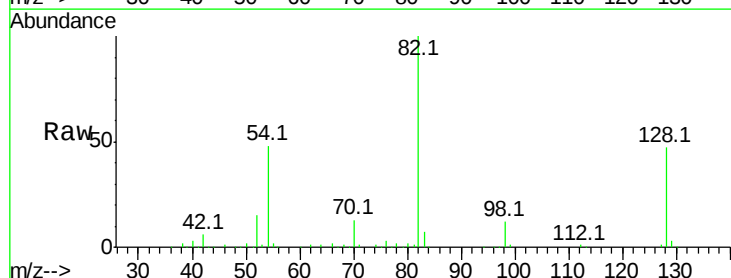
Tgt Ion: 82 Resp: 609429

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

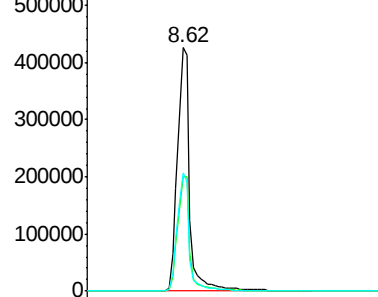
54 48.4 42.2 63.2

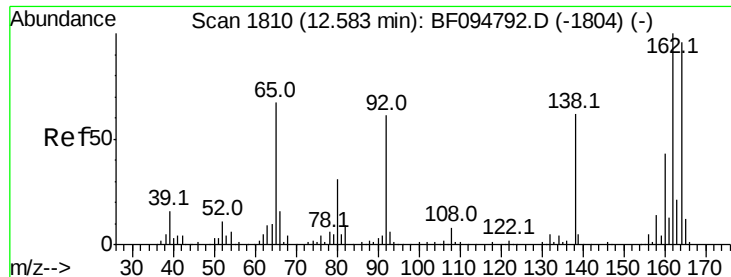


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

Instrument :

BNA_F

ClientSampleId :

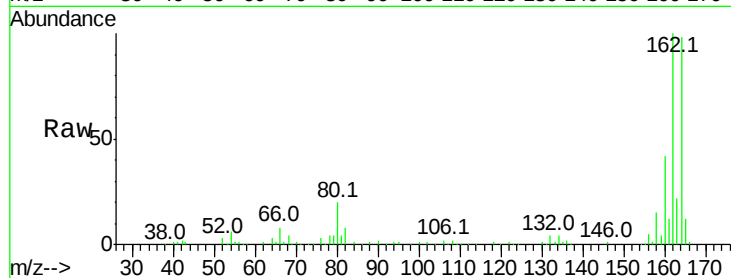
Tot Ion:164 Resp: 193744

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 42.7 36.2 54.2

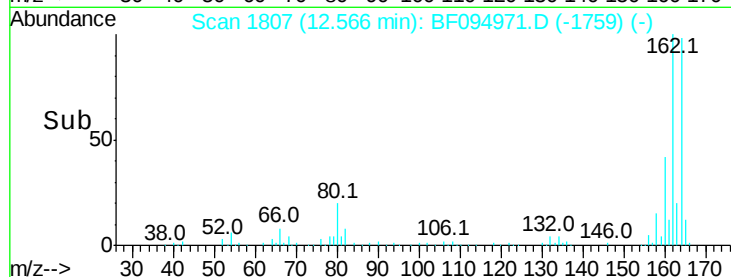


Abundance Ion 164.00 (163.70 to 164.70): E

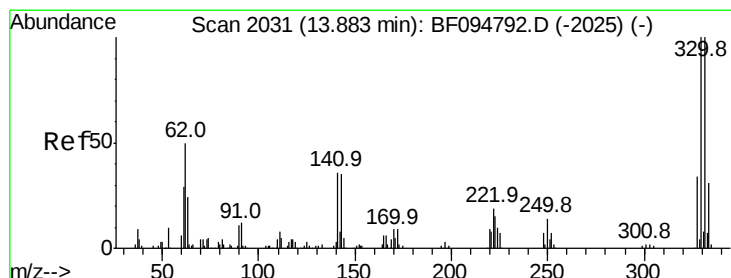
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

12.57



Time-->



#41

2,4,6-Tribromophenol

Concen: 132.78 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

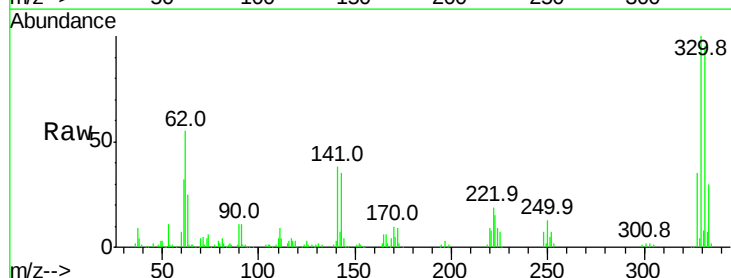
Tgt Ion:330 Resp: 210687

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

141 40.3 31.4 47.2

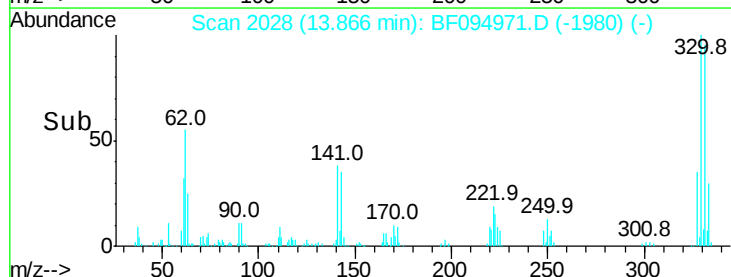


Abundance Ion 329.80 (329.50 to 330.50): E

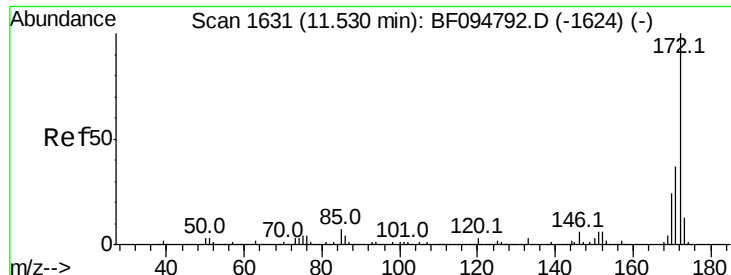
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

13.87



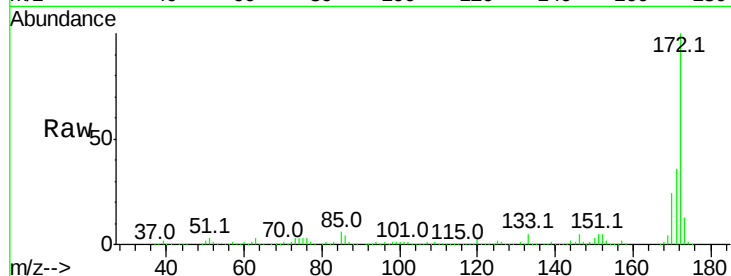
Time-->



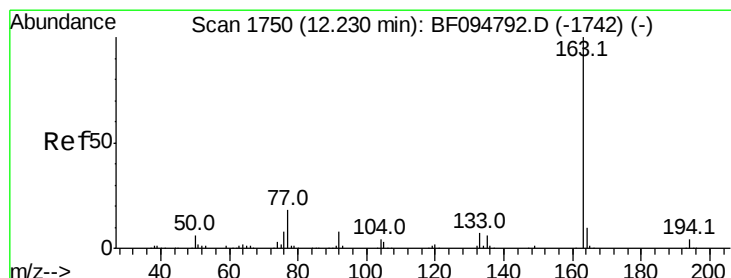
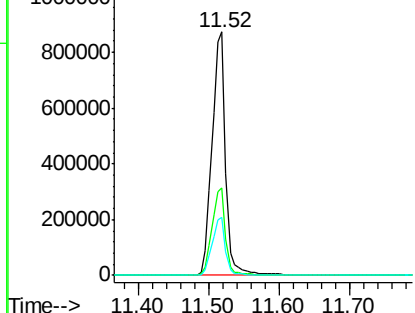
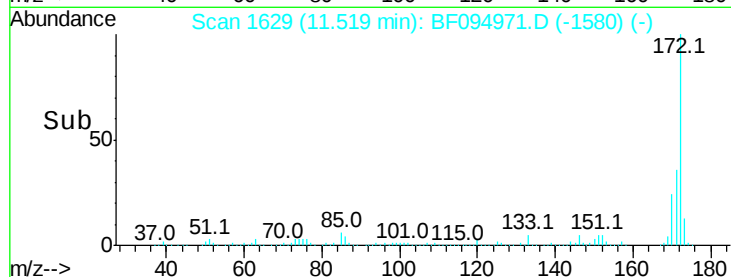
#44
2-Fluorobiphenyl
Concen: 87.41 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1176586
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

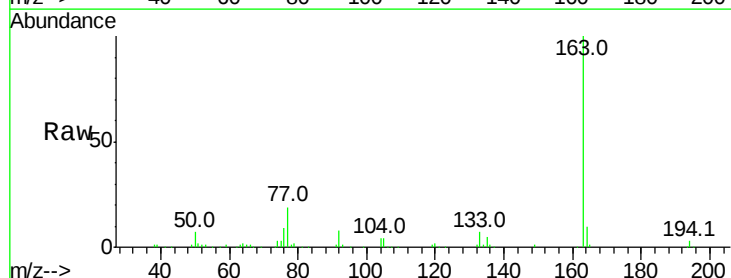


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

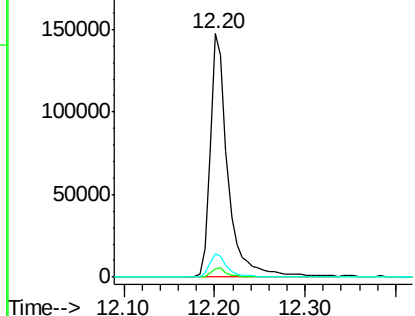
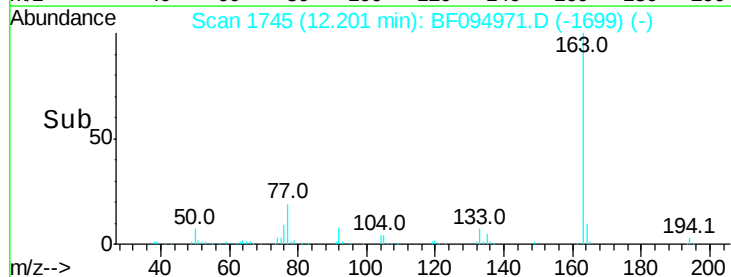


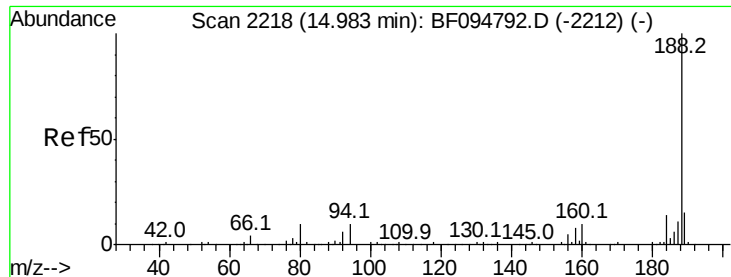
#49
Dimethylphthalate
Concen: 12.66 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:163 Resp: 201381
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 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

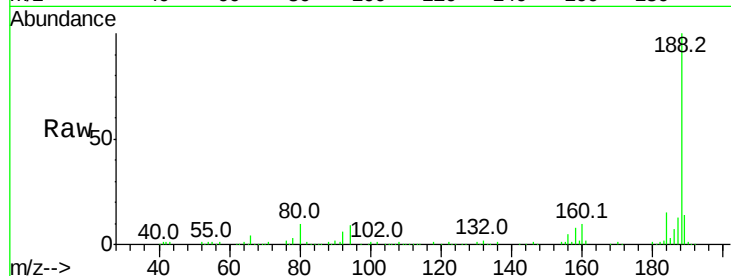




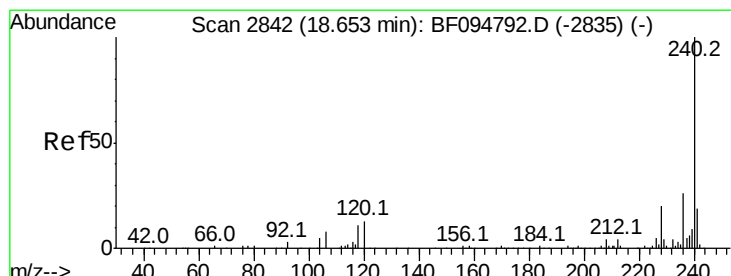
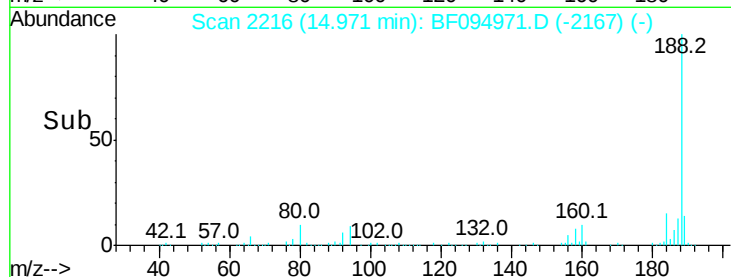
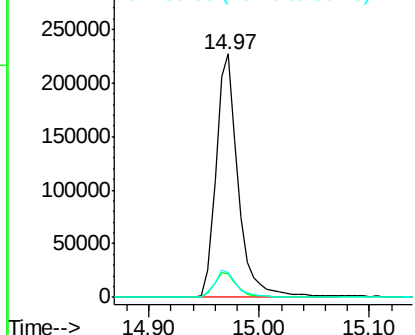
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094971.D
 Acq: 8 May 2017 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.1	10.2	15.2#

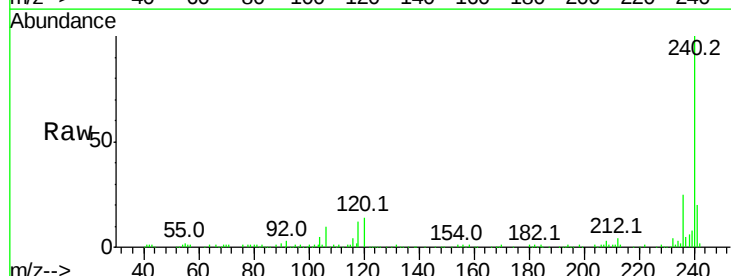


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

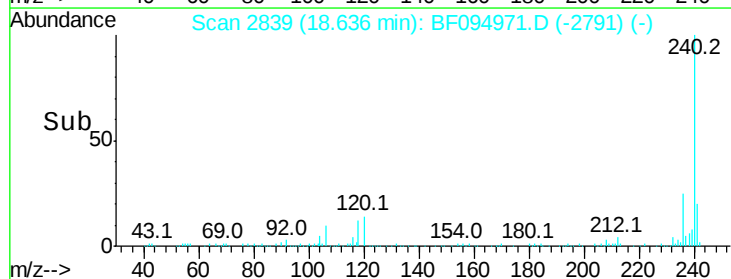
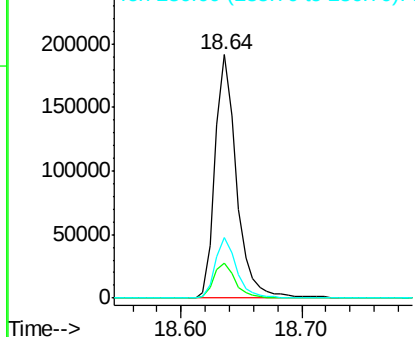


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094971.D
 Acq: 8 May 2017 6:14

Tgt 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: 76.96 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

Instrument :

BNA_F

ClientSampleId :

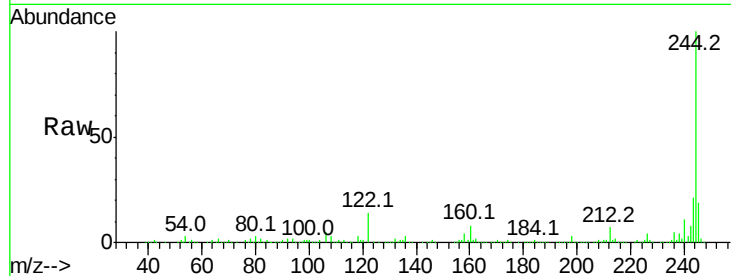
Tot Ion:244 Resp: 817974

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

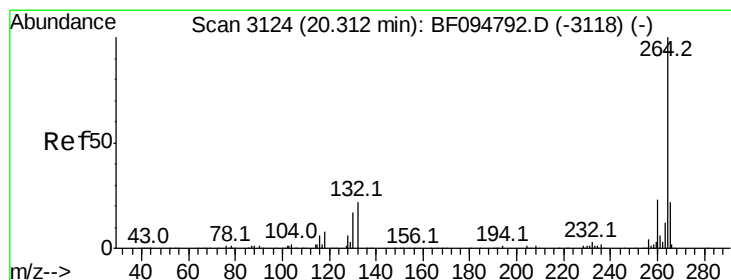
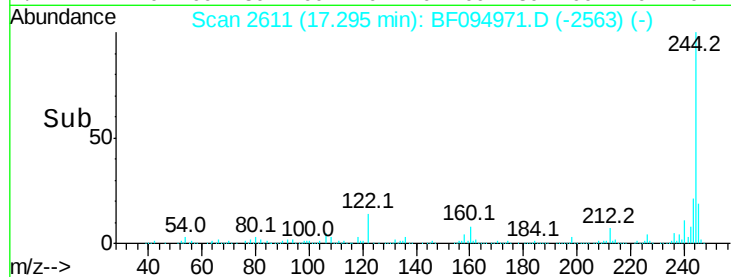
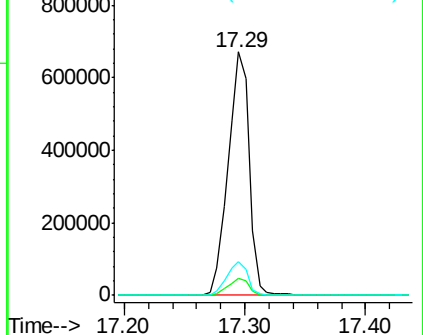
122 14.0 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094971.D

Acq: 8 May 2017 6:14

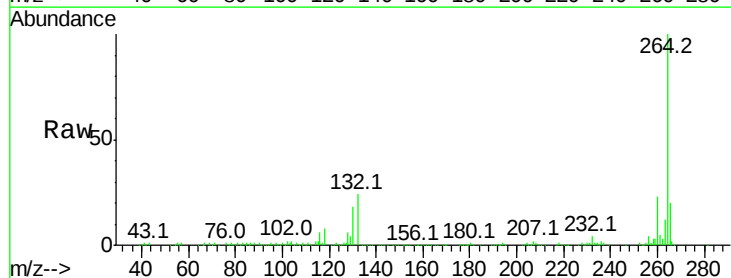
Tgt Ion:264 Resp: 212271

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.1 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

