

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094847.D
 Acq On : 3 May 2017 22:10
 Operator : SJ/MA
 Sample : I2914-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:12:15 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

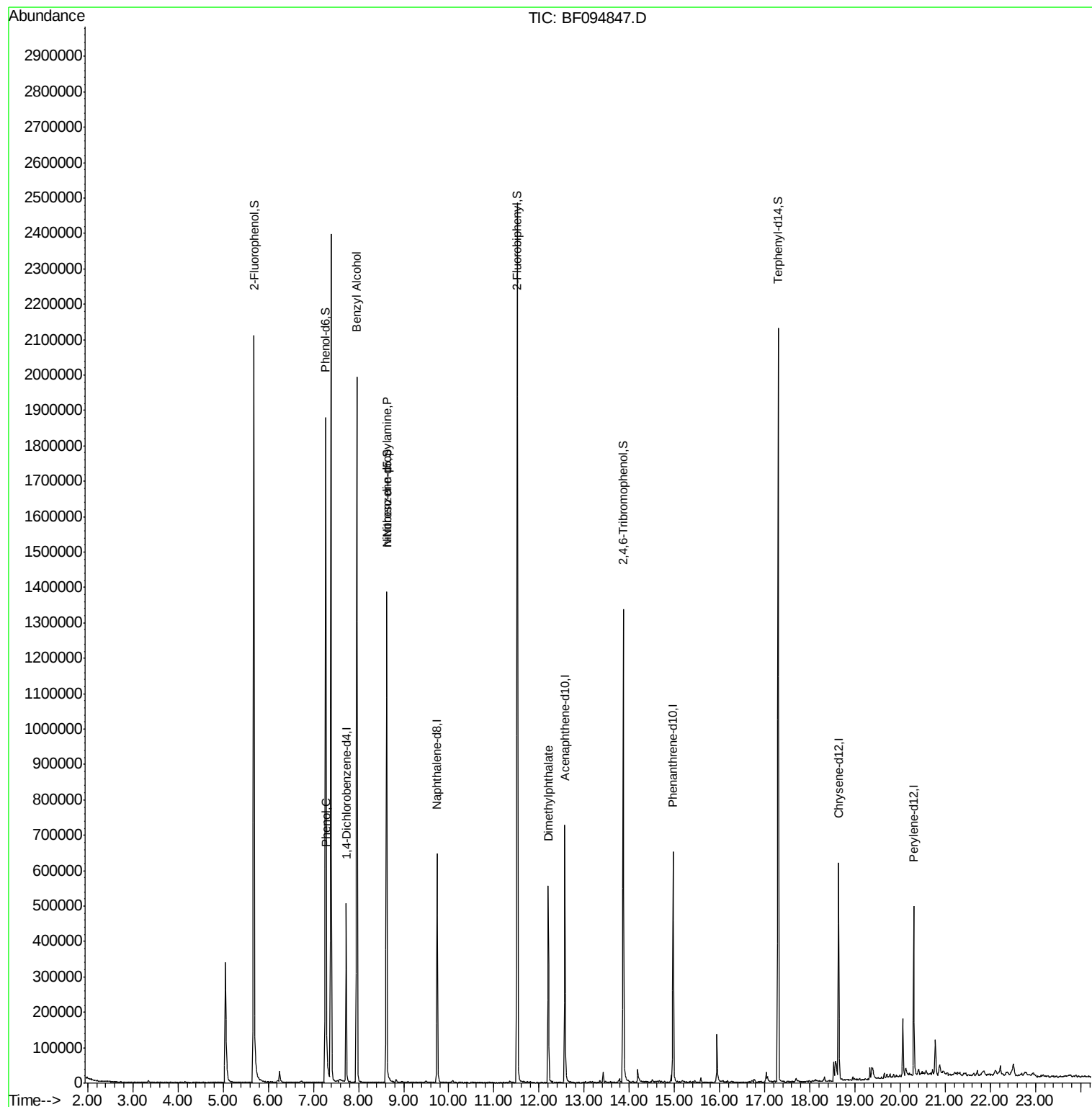
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	100731	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	399506	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	194604	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	331967	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	253001	20.00	ng	-0.02
86) Perylene-d12	20.30	264	202891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	957644	158.50	ng	0.00
7) Phenol-d6	7.28	99	1123815	155.02	ng	0.00
23) Nitrobenzene-d5	8.62	82	653721	103.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	223382	140.16	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1047397	77.47	ng	-0.01
78) Terphenyl-d14	17.30	244	789201	68.71	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	30715	4.02	ng	Qvalue 97
15) Benzyl Alcohol	7.97	79	10156	2.18	ng	# 44
19) n-Nitroso-di-n-propylamine	8.62	70	85770	17.49	ng	# 76
49) Dimethylphthalate	12.21	163	319120	19.98	ng	98

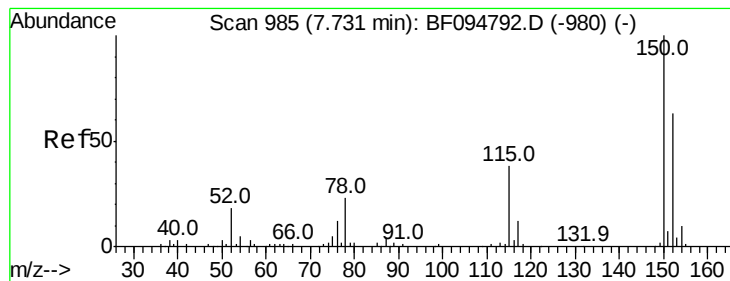
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094847.D

Acq: 3 May 2017 22:10

Instrument :

BNA_F

ClientSampleId :

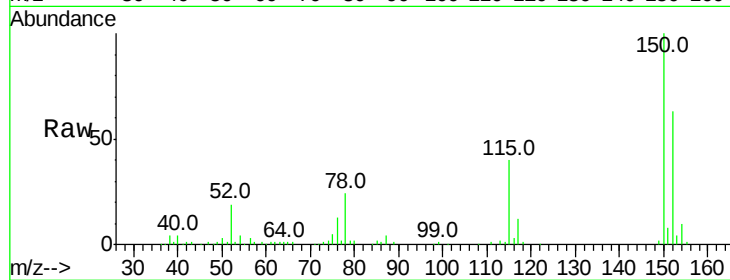
Tot Ion:152 Resp: 100731

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

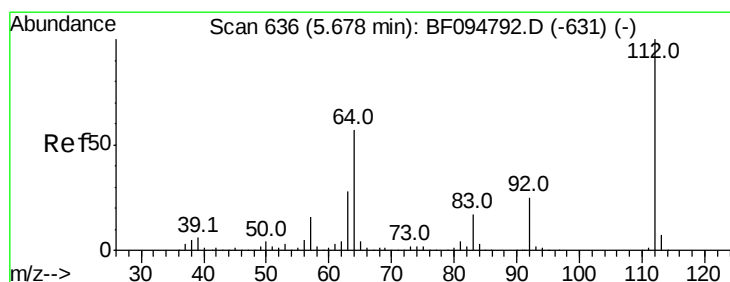
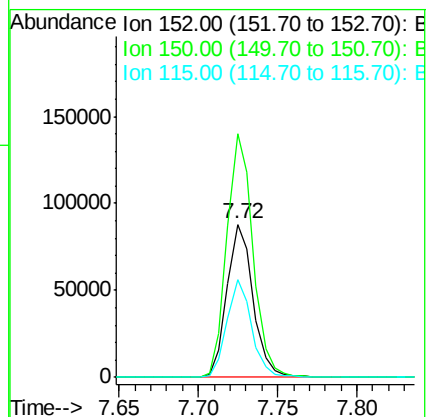
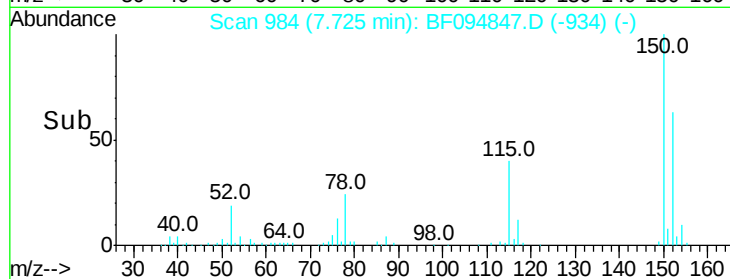
115 63.7 52.2 78.2



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: 158.50 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094847.D

Acq: 3 May 2017 22:10

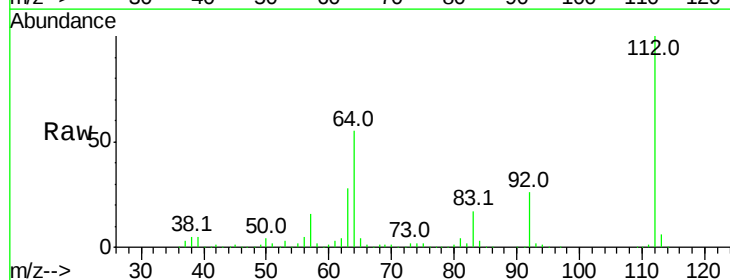
Tgt Ion:112 Resp: 957644

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

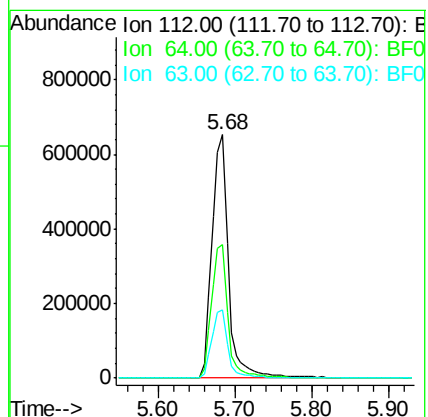
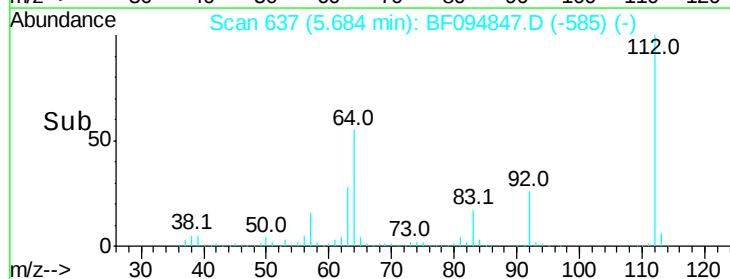
63 27.8 23.4 35.0

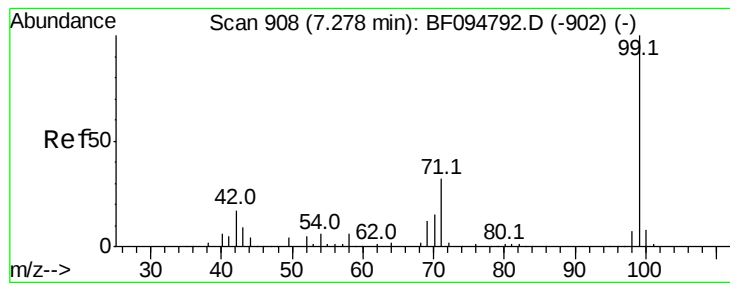


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.02 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF094847.D

Acq: 3 May 2017 22:10

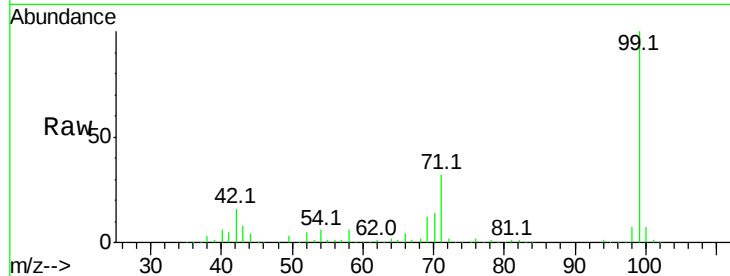
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1123815

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.2	24.5	36.7

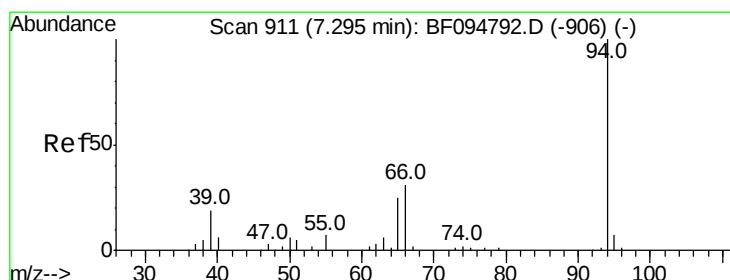
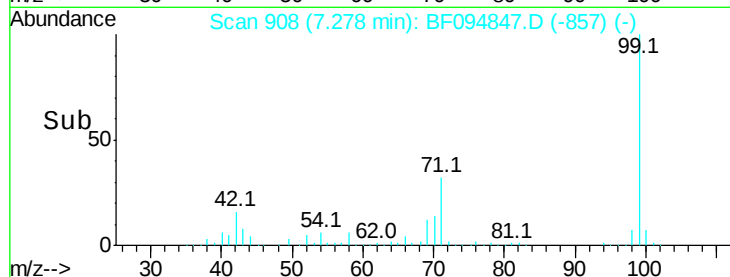
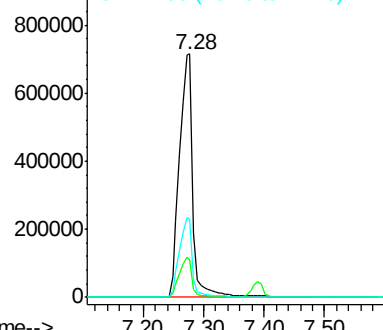


Abundance

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: 4.02 ng

RT: 7.29 min Scan# 910

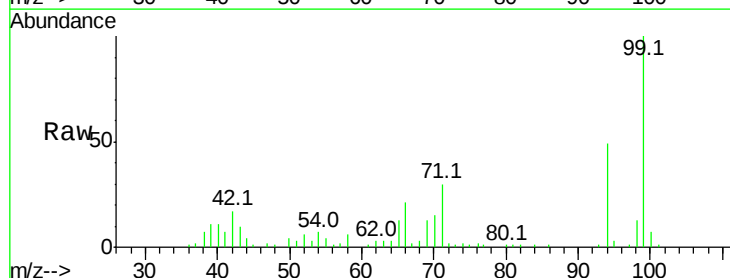
Delta R.T. -0.01 min

Lab File: BF094847.D

Acq: 3 May 2017 22:10

Tgt Ion: 94 Resp: 30715

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	42.6	23.1	63.1

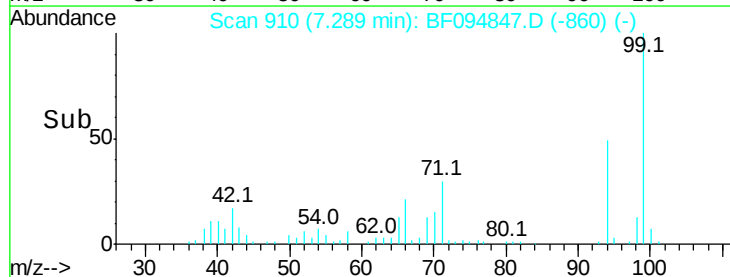
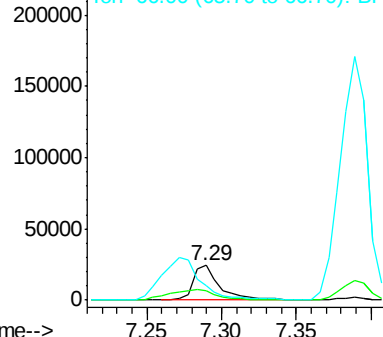


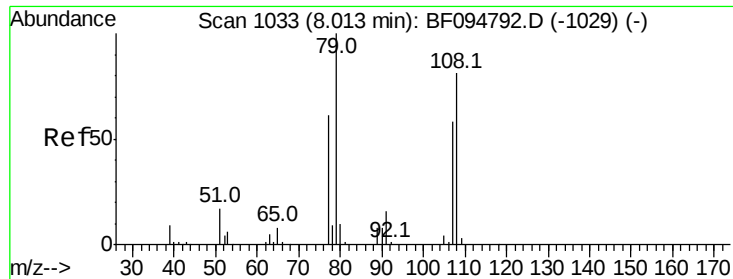
Abundance

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

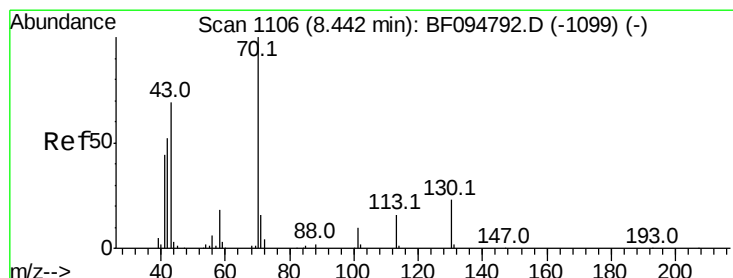
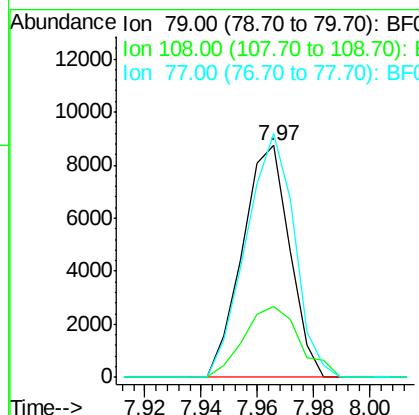
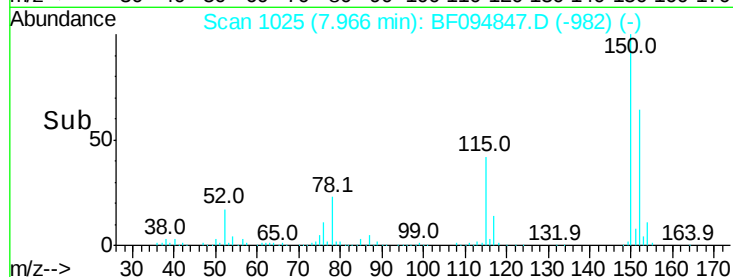
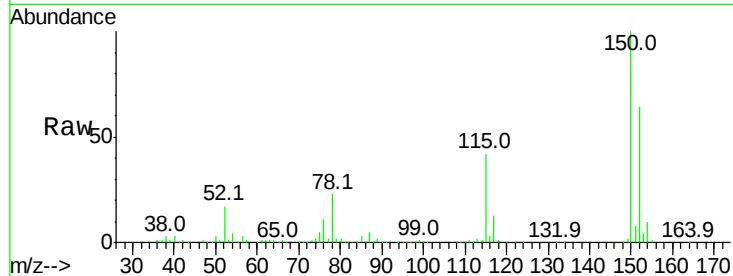




#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

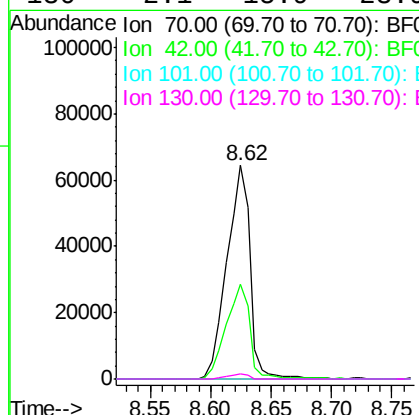
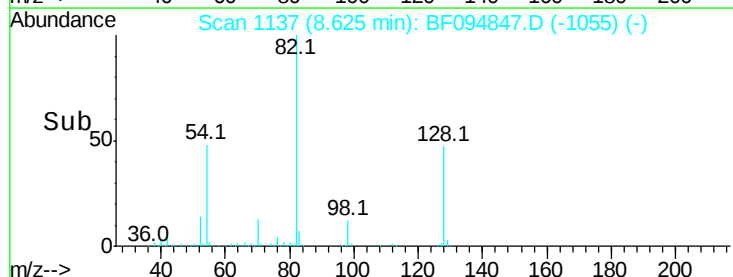
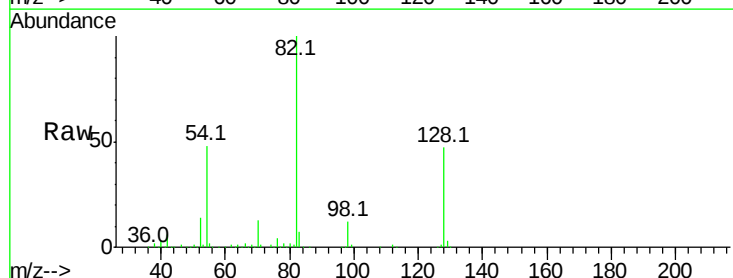
Instrument :
BNA_F
ClientSampleId :

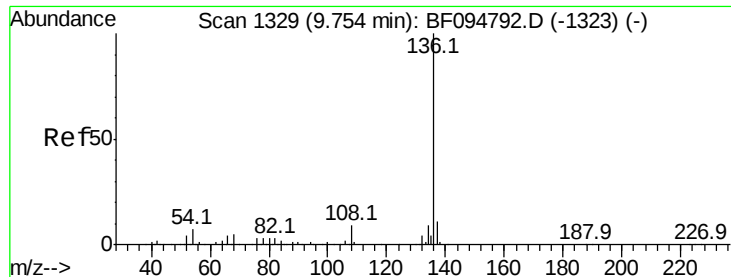
Tot Ion: 79 Resp: 10156
Ion Ratio Lower Upper
79 100
108 30.5 63.4 95.0#
77 105.1 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

Tgt Ion: 70 Resp: 85770
Ion Ratio Lower Upper
70 100
42 44.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#

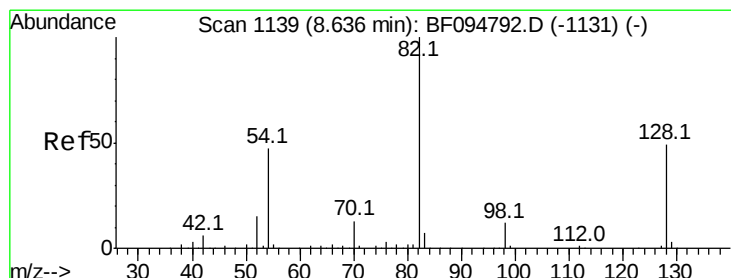
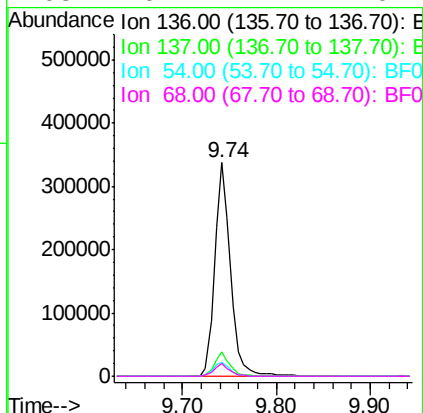
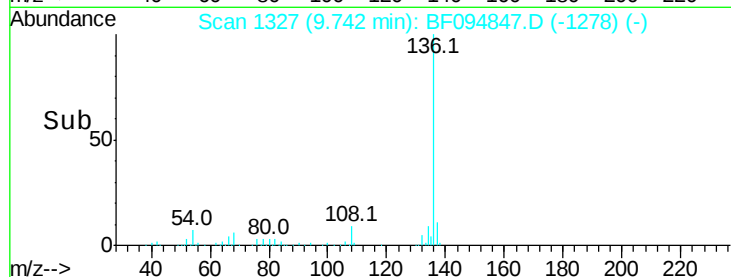
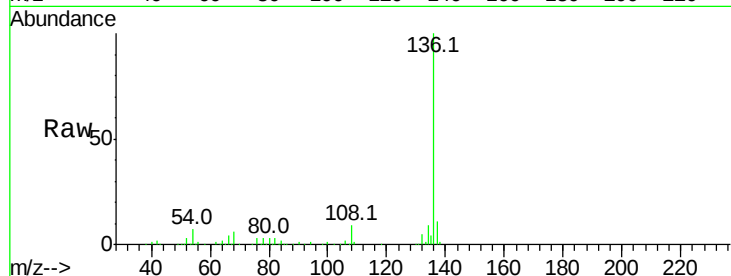




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

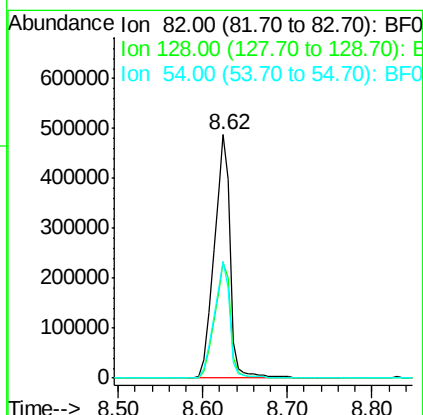
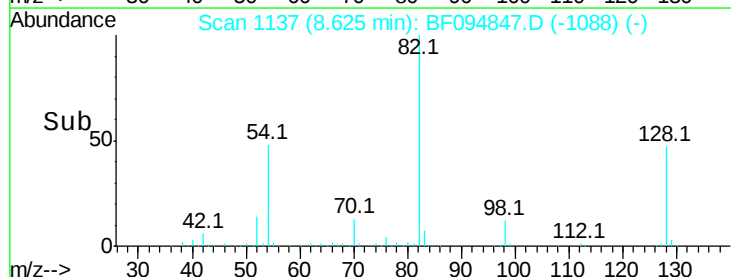
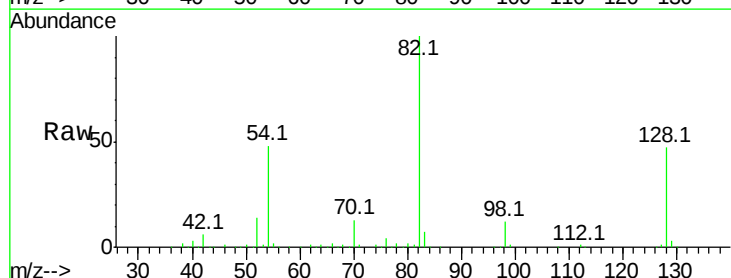
Instrument :
BNA_F
ClientSampleId :

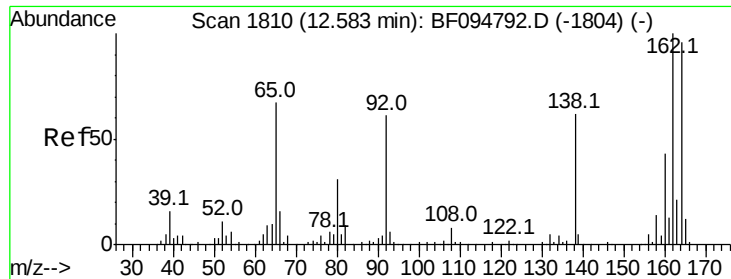
Tot Ion:136	Resp:	399506
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	6.6	4.9 7.3
68	6.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.18 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

Tgt Ion: 82	Resp:	653721
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	48.2	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094847.D

Acq: 3 May 2017 22:10

Instrument :

BNA_F

ClientSampleId :

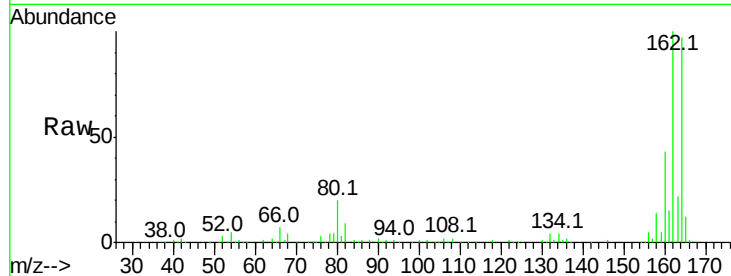
Tot Ion:164 Resp: 194604

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

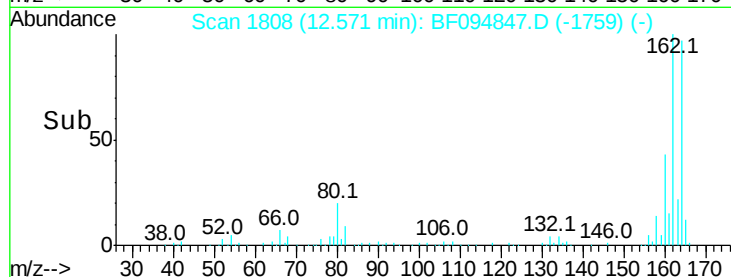
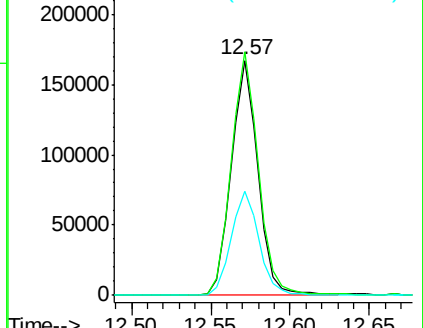
160 44.3 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 140.16 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094847.D

Acq: 3 May 2017 22:10

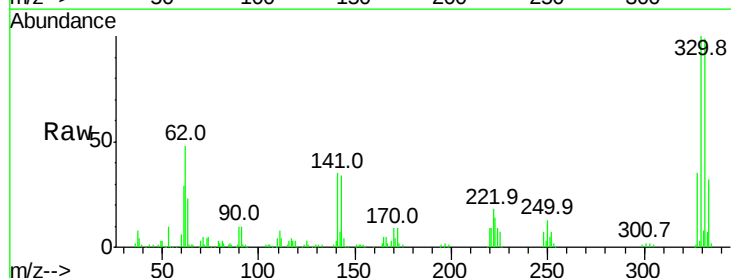
Tgt Ion:330 Resp: 223382

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

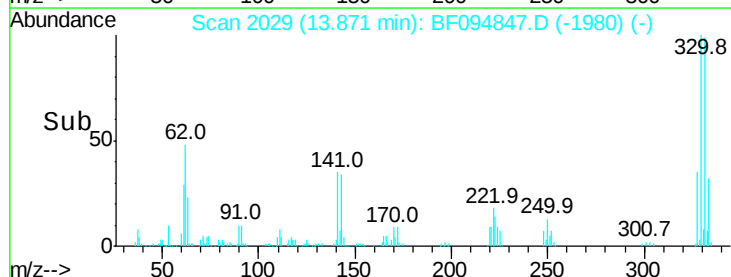
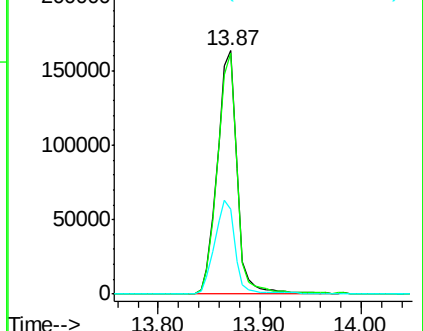
141 39.8 31.4 47.2

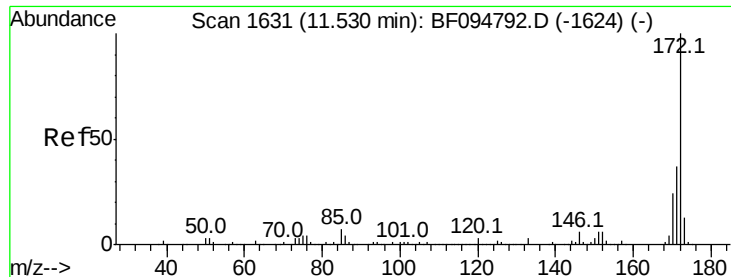


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

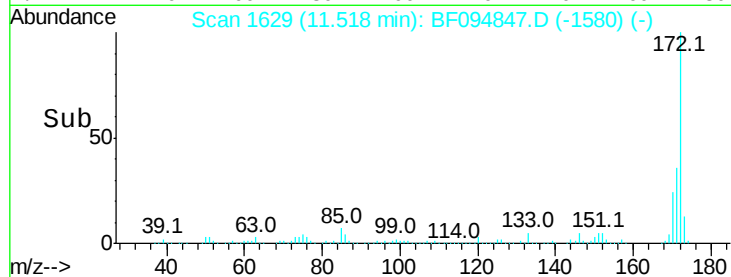
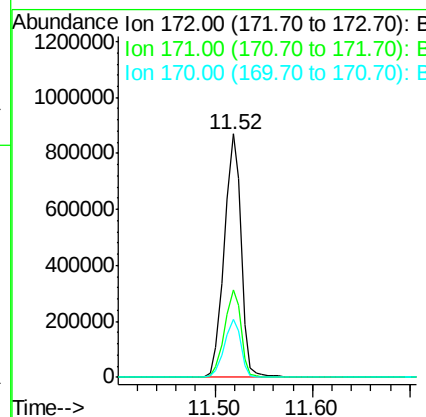
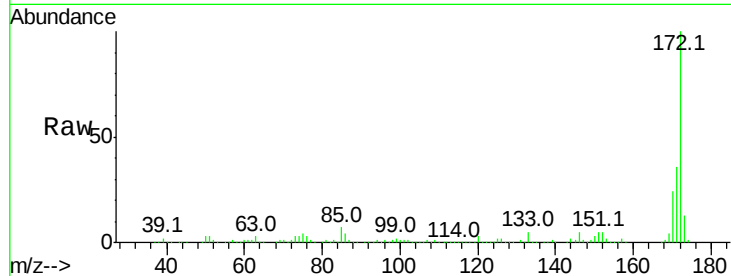




#44
2-Fluorobiphenyl
Concen: 77.47 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

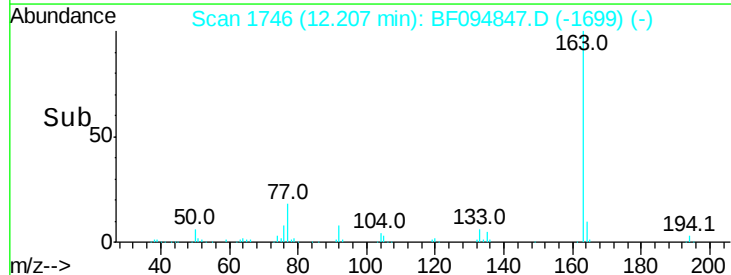
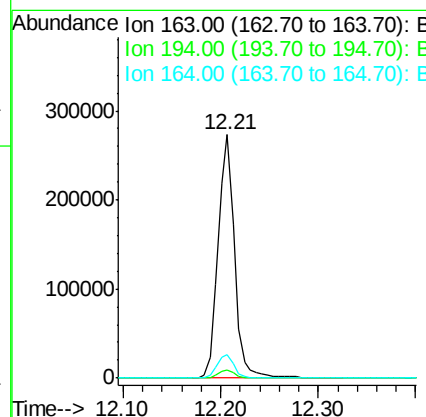
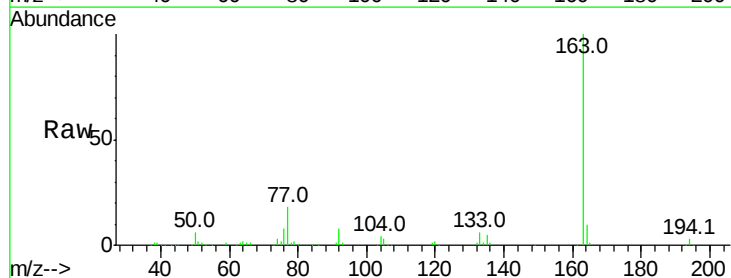
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1047397
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 19.98 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094847.D
Acq: 3 May 2017 22:10

Tgt Ion:163 Resp: 319120
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 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: BF094847.D

Acq: 3 May 2017 22:10

Instrument :

BNA_F

ClientSampleId :

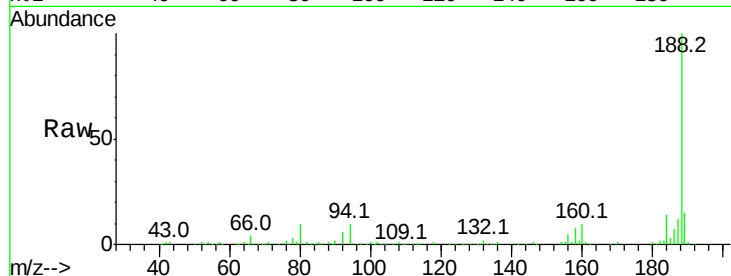
Tot Ion:188 Resp: 331967

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

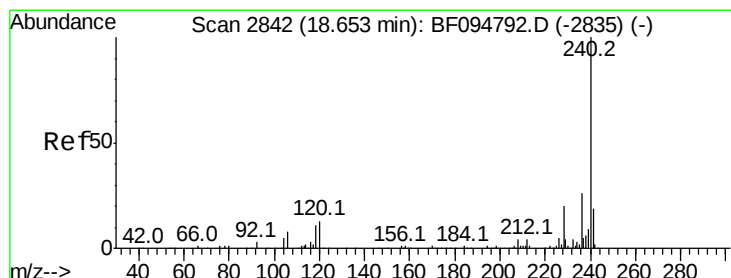
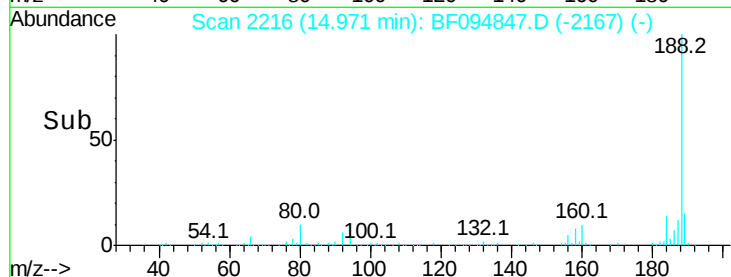
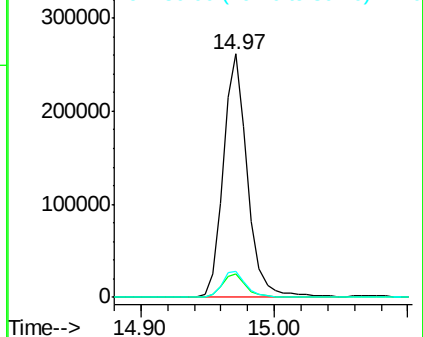
80 10.4 10.2 15.2



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: BF094847.D

Acq: 3 May 2017 22:10

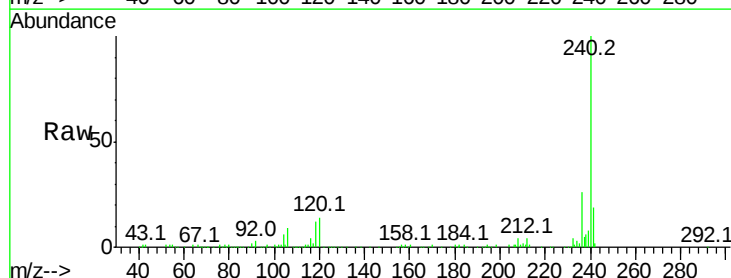
Tgt Ion:240 Resp: 253001

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

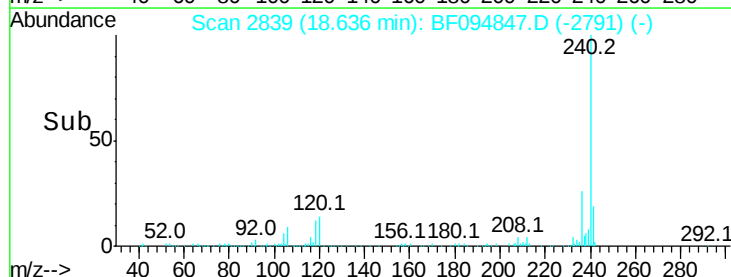
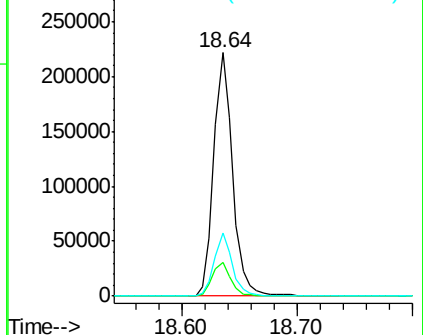
236 25.8 20.5 30.7

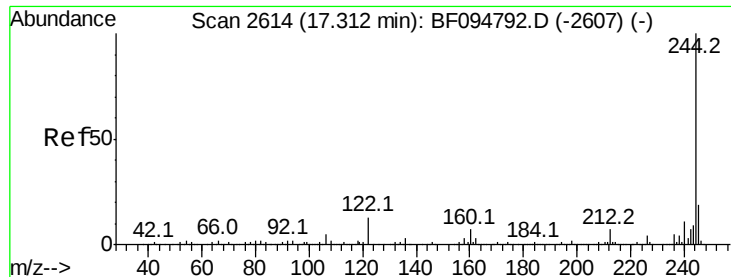


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

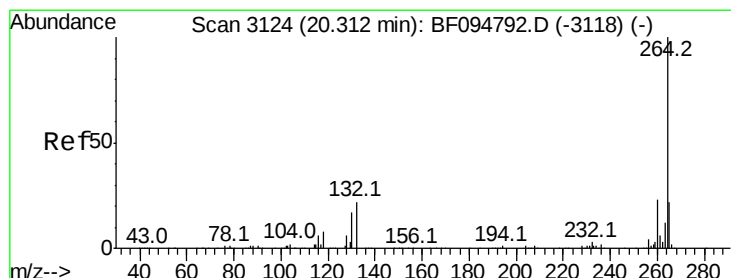
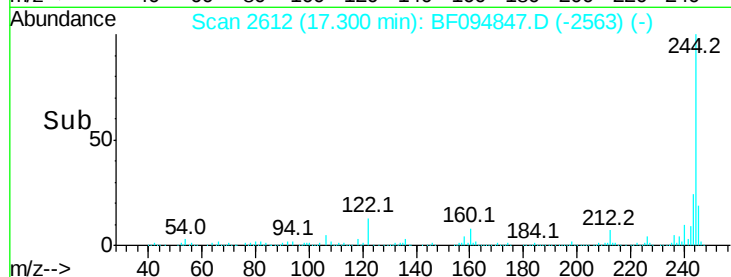
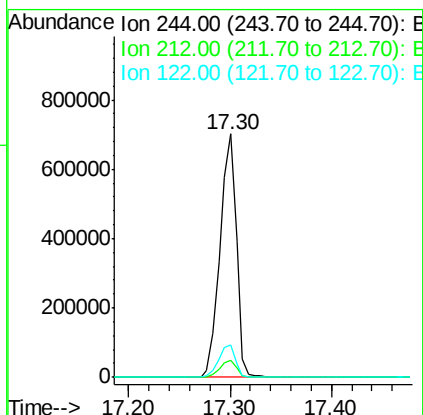
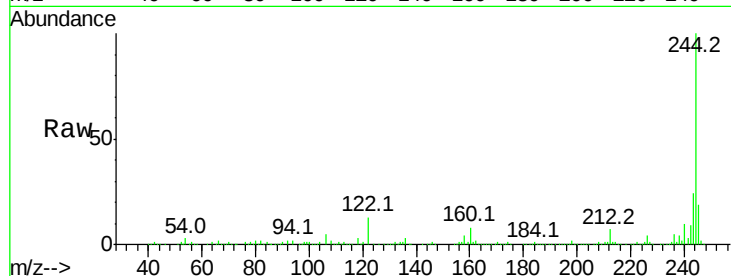




#78
 Terphenyl-d14
 Concen: 68.71 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094847.D
 Acq: 3 May 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 789201
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094847.D
 Acq: 3 May 2017 22:10

Tgt Ion:264 Resp: 202891
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.0 17.2 25.8

