

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094956.D
 Acq On : 6 May 2017 12:25
 Operator : SJ/MA
 Sample : I2947-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:55:09 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

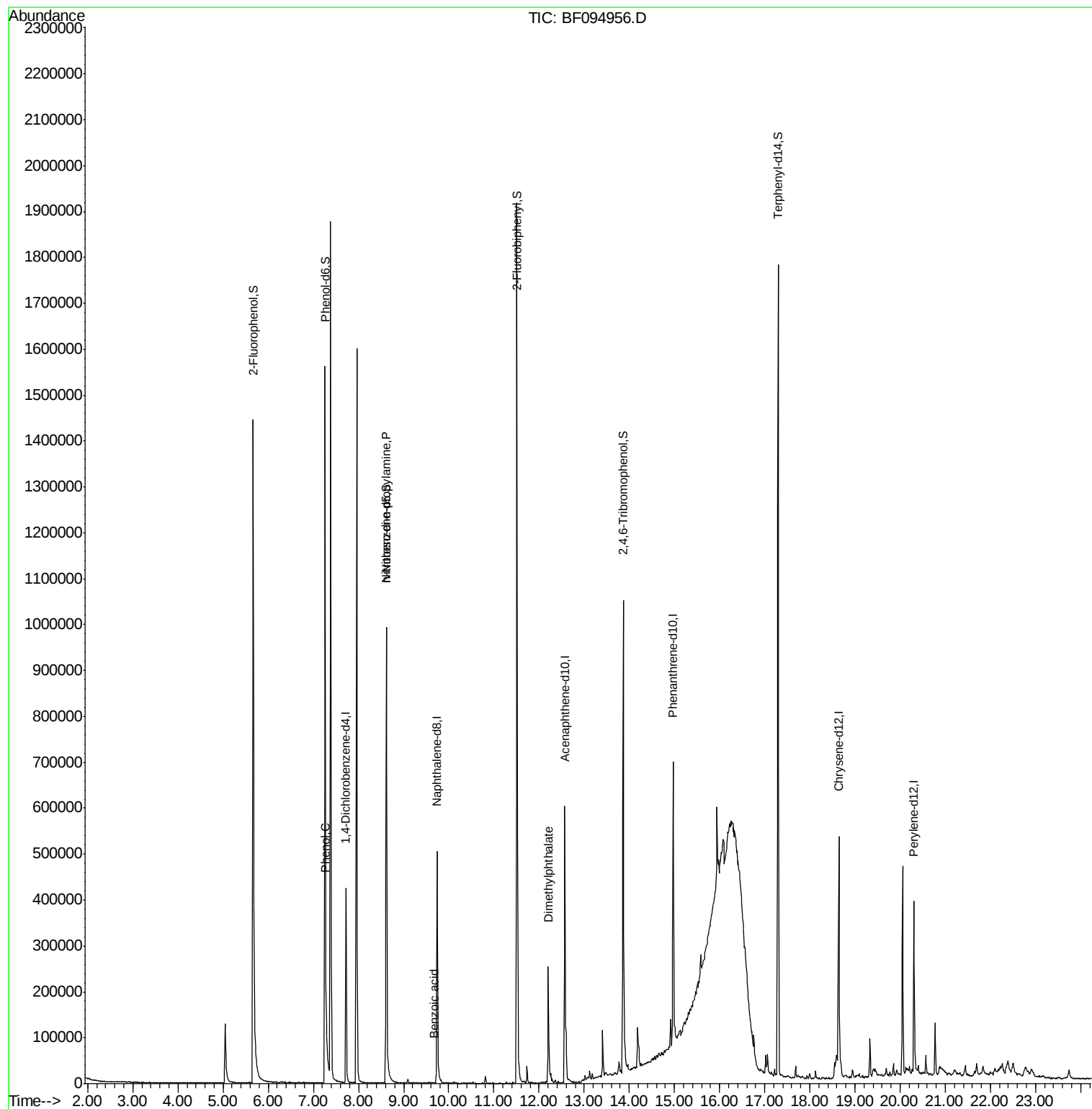
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	96067	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	380194	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	185910	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	321126	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	246782	20.00	ng	-0.01
86) Perylene-d12	20.31	264	190633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	716030	124.26	ng	-0.01
7) Phenol-d6	7.26	99	846438	122.43	ng	-0.02
23) Nitrobenzene-d5	8.62	82	484711	80.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	184969	121.49	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	855062	66.20	ng	-0.02
78) Terphenyl-d14	17.29	244	730628	65.21	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	19000	2.61	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	8.62	70	61229	13.09	ng	# 76
32) Benzoic acid	9.68	122	421	5.19	ng	# 1
49) Dimethylphthalate	12.21	163	159695	10.46	ng	99

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

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QLast Update : Wed May 03 17:24:51 2017
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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: BF094956.D

Acq: 6 May 2017 12:25

Instrument :

BNA_F

ClientSampleId :

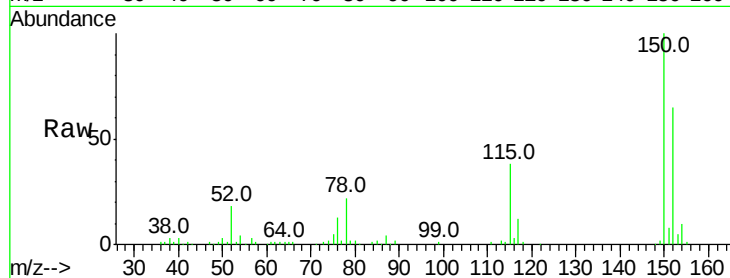
Tot Ion:152 Resp: 96067

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

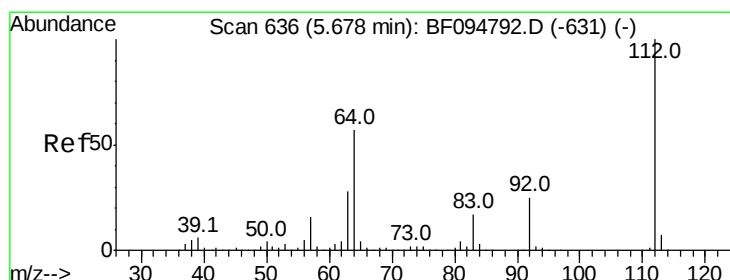
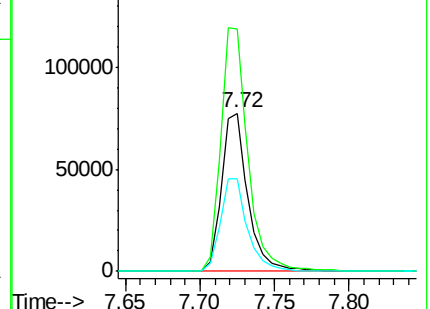
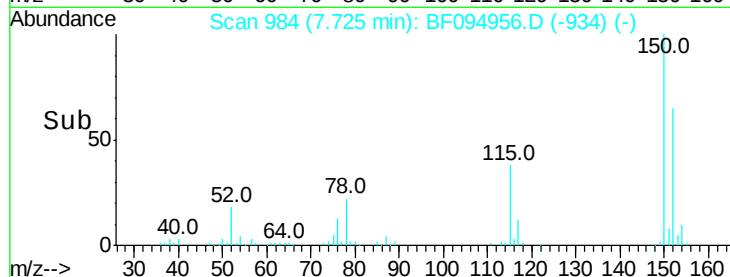
115 58.6 52.2 78.2



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: 124.26 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

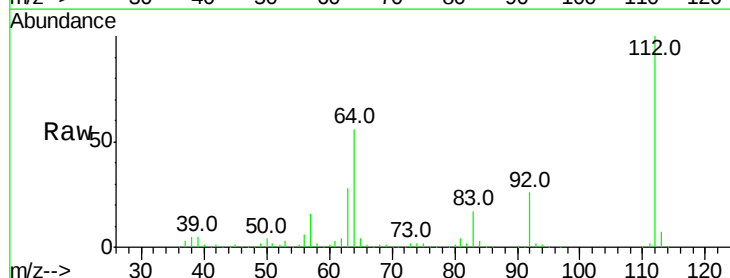
Tgt Ion:112 Resp: 716030

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

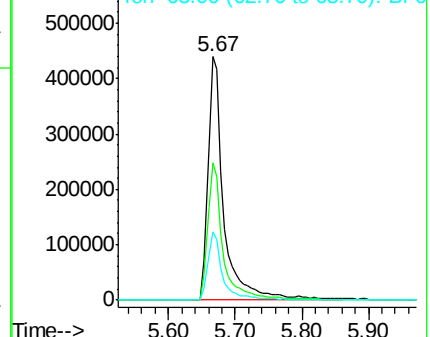
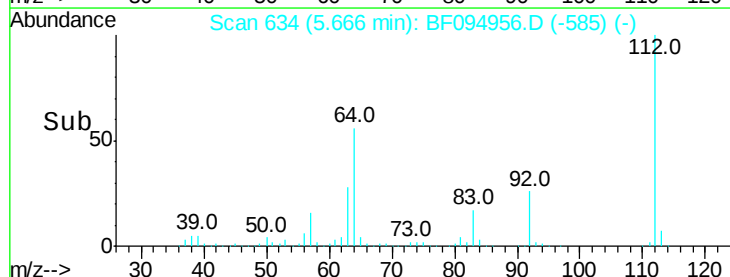
63 28.0 23.4 35.0



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: 122.43 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

Instrument :

BNA_F

ClientSampled :

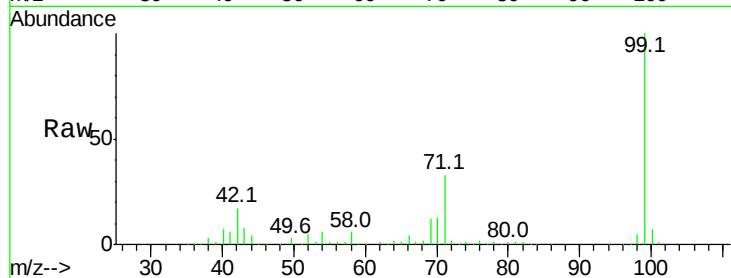
Tot Ion: 99 Resp: 846438

Ion Ratio Lower Upper

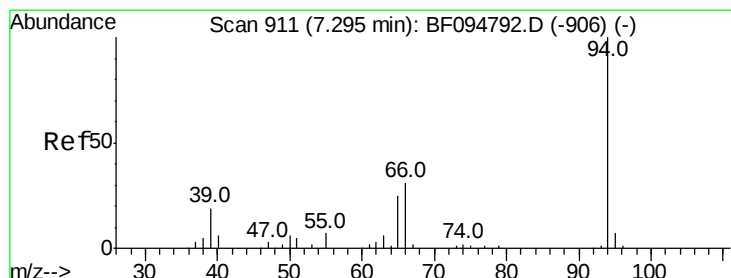
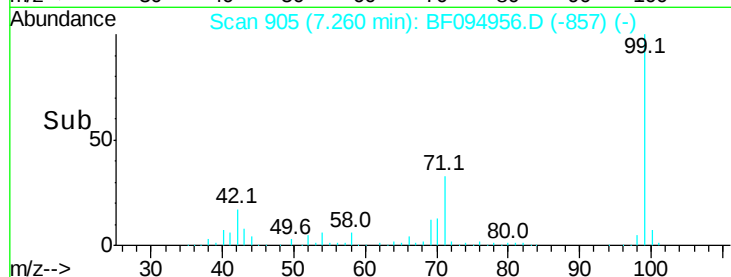
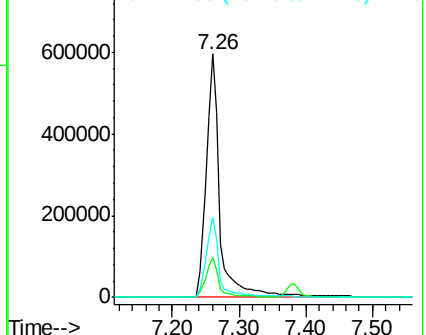
99 100

42 16.6 13.5 20.3

71 32.8 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



#10

Phenol

Concen: 2.61 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

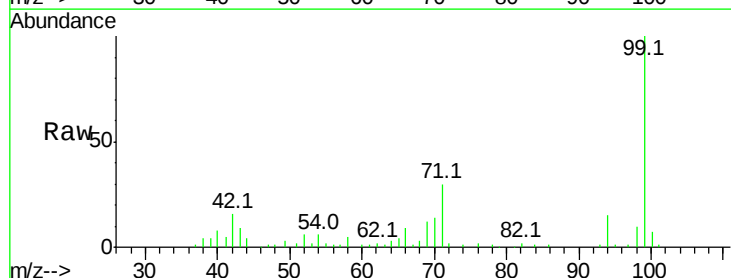
Tgt Ion: 94 Resp: 19000

Ion Ratio Lower Upper

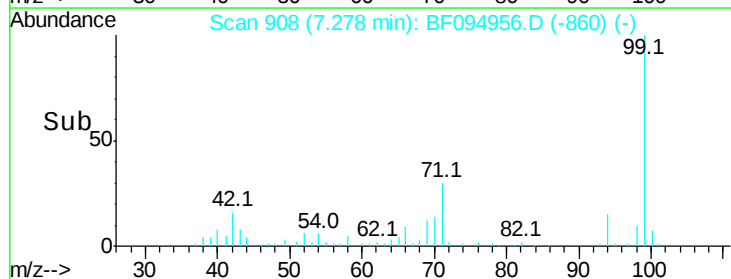
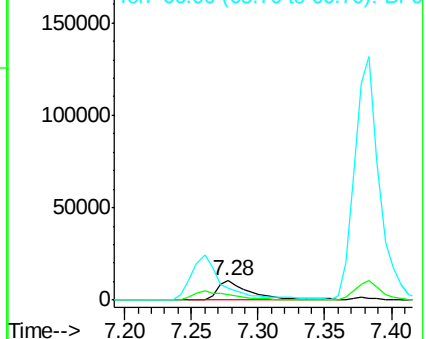
94 100

65 26.6 9.9 49.9

66 62.3 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.09 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 61229

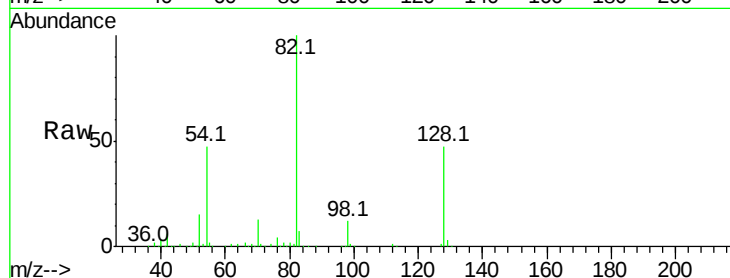
Ion Ratio Lower Upper

70 100

42 44.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

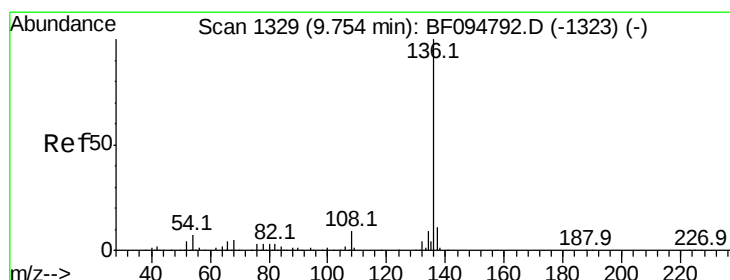
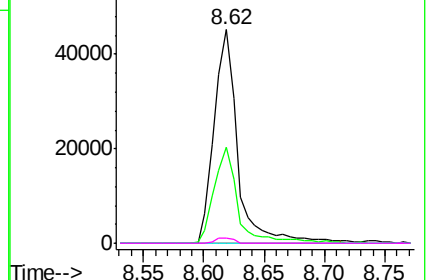
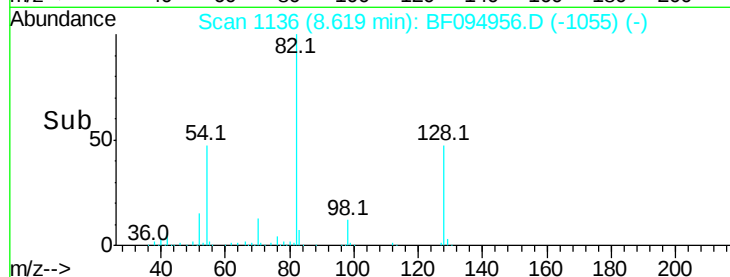


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

Tgt Ion: 136 Resp: 380194

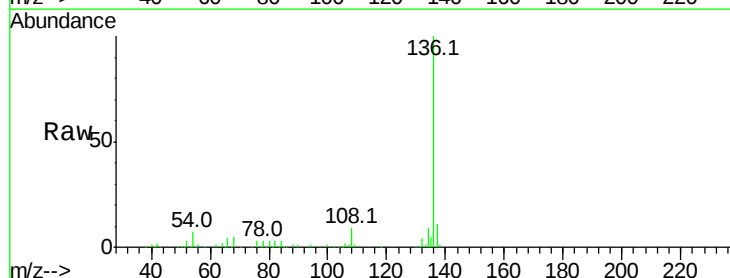
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

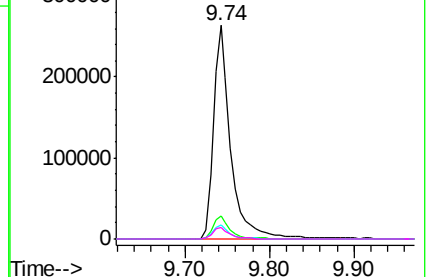
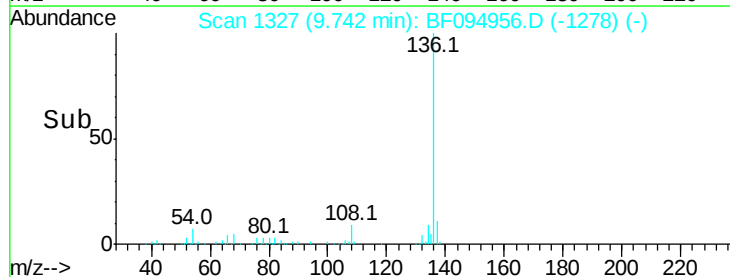


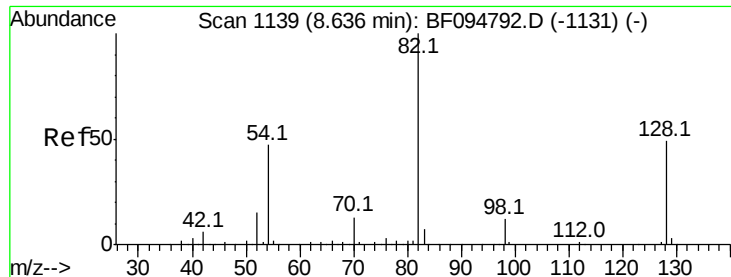
Abundance Ion 136.00 (135.70 to 136.70): E

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

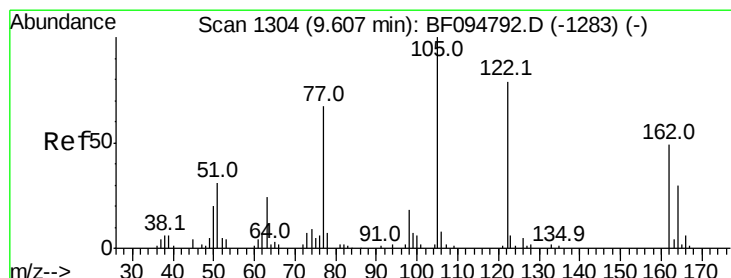
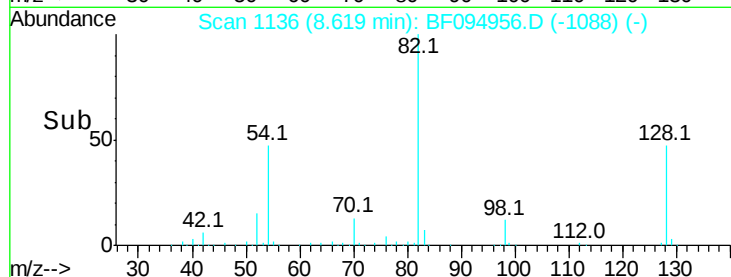
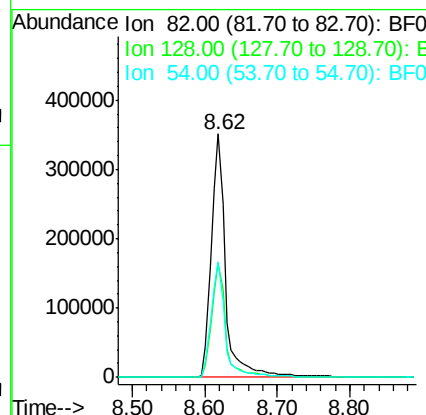
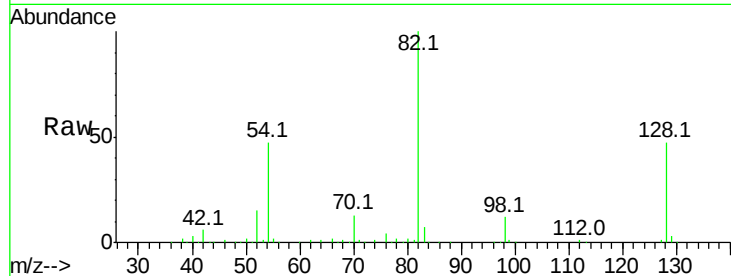




#23
 Nitrobenzene-d5
 Concen: 80.39 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094956.D
 Acq: 6 May 2017 12:25

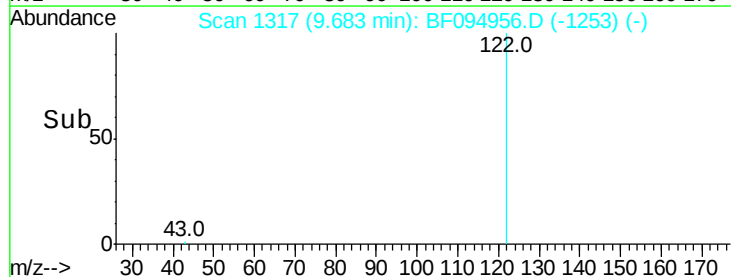
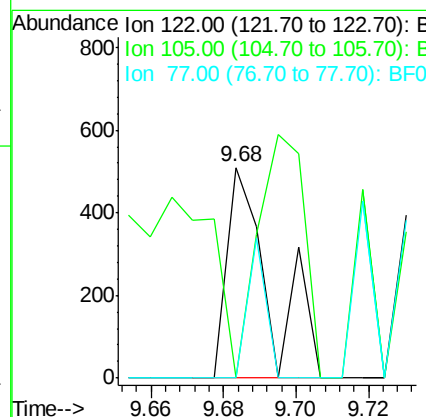
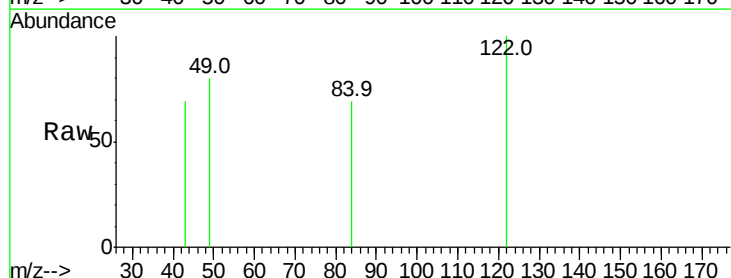
Instrument :
 BNA_F
 ClientSampled :

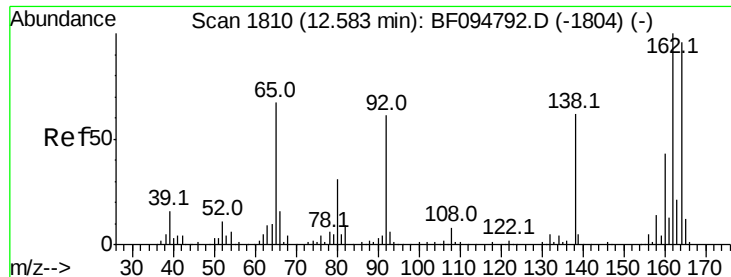
Tot Ion: 82 Resp: 484711
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 47.4 42.2 63.2



#32
 Benzoic acid
 Concen: 5.19 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.08 min
 Lab File: BF094956.D
 Acq: 6 May 2017 12:25

Tgt Ion:122 Resp: 421
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 0.0 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: BF094956.D

Acq: 6 May 2017 12:25

Instrument :

BNA_F

ClientSampleId :

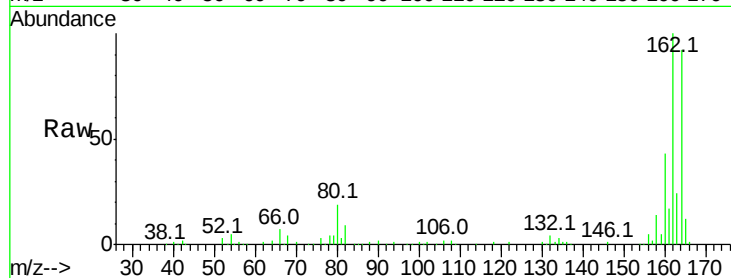
Tot Ion:164 Resp: 185910

Ion Ratio Lower Upper

164 100

162 108.3 82.6 123.8

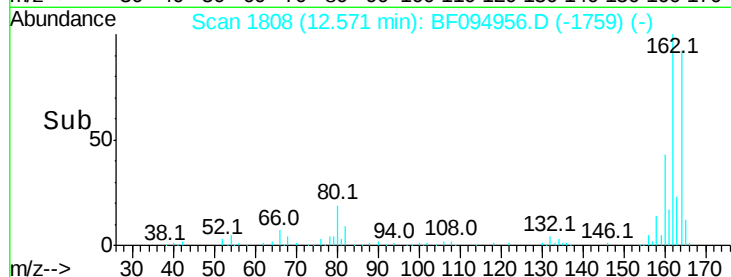
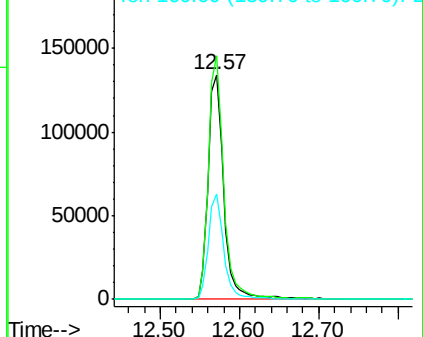
160 46.6 36.2 54.2



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: 121.49 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094956.D

Acq: 6 May 2017 12:25

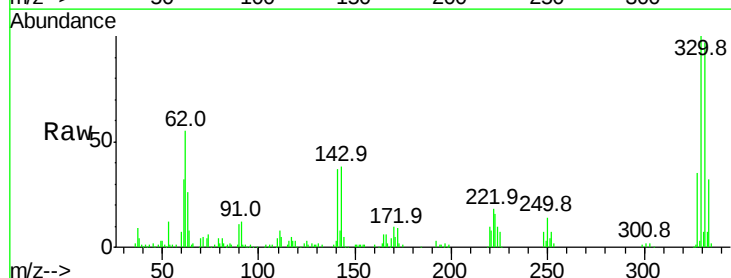
Tgt Ion:330 Resp: 184969

Ion Ratio Lower Upper

330 100

332 94.2 76.6 115.0

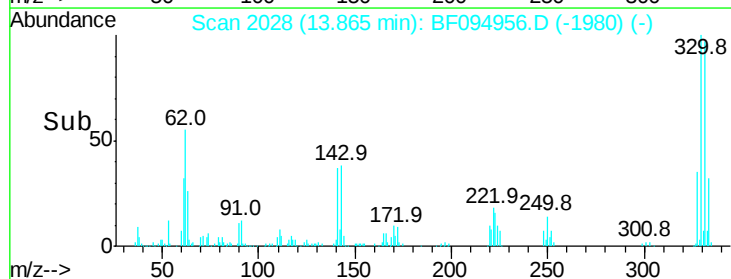
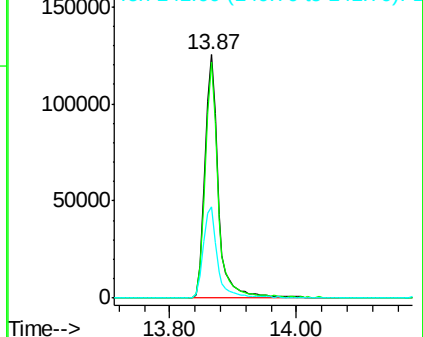
141 38.7 31.4 47.2



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

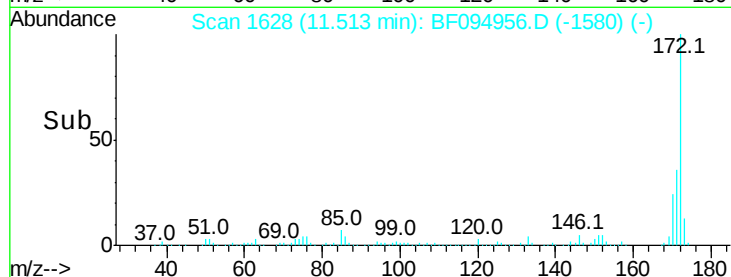
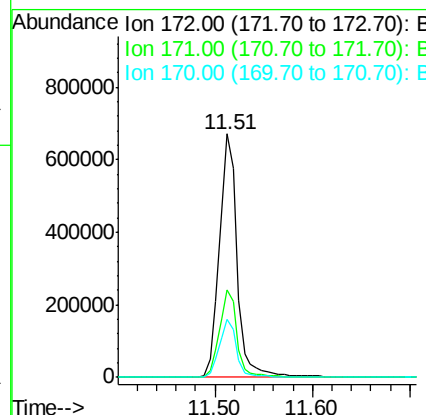
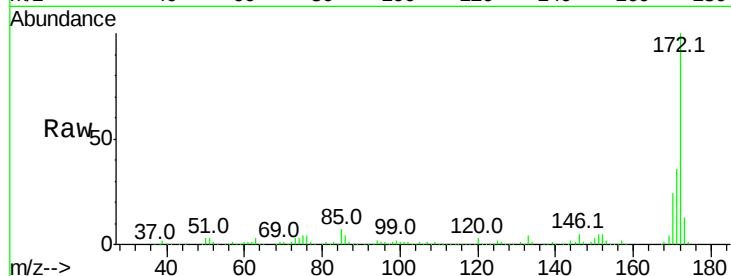




#44
2-Fluorobiphenyl
Concen: 66.20 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094956.D
Acq: 6 May 2017 12:25

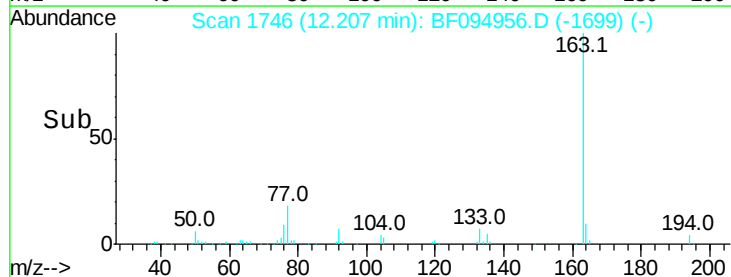
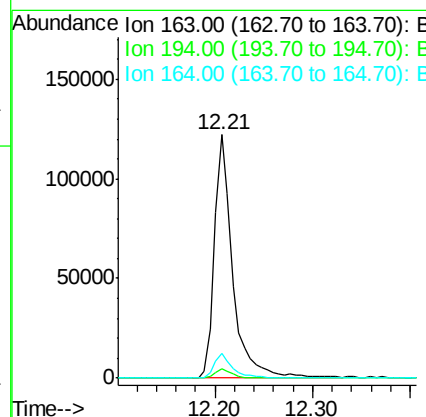
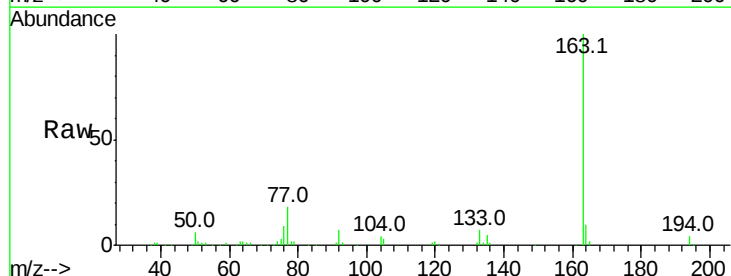
Instrument :
BNA_F
ClientSampleId :

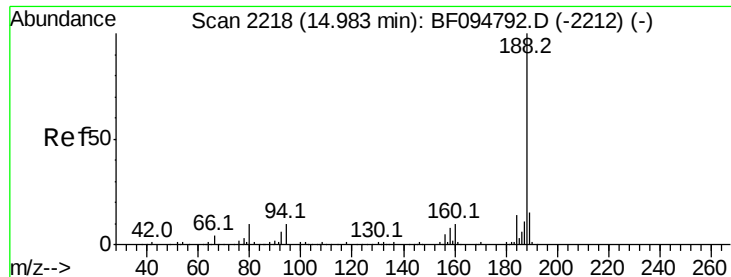
Tot Ion:172 Resp: 855062
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 10.46 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094956.D
Acq: 6 May 2017 12:25

Tgt Ion:163 Resp: 159695
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6

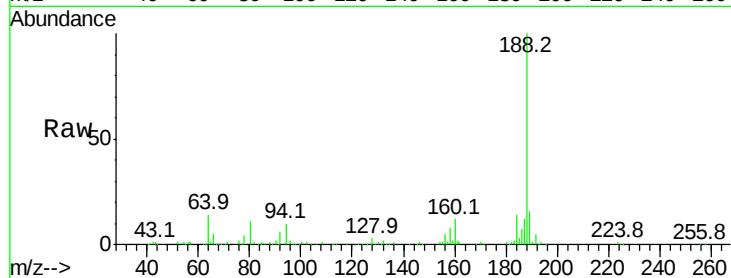




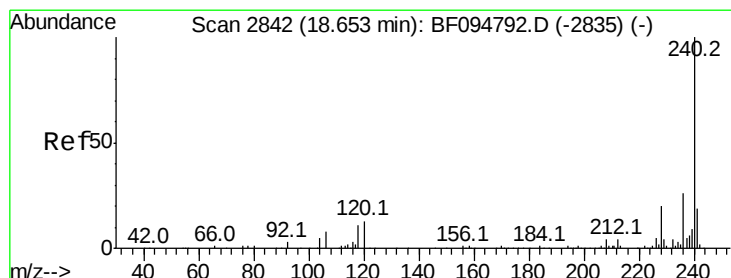
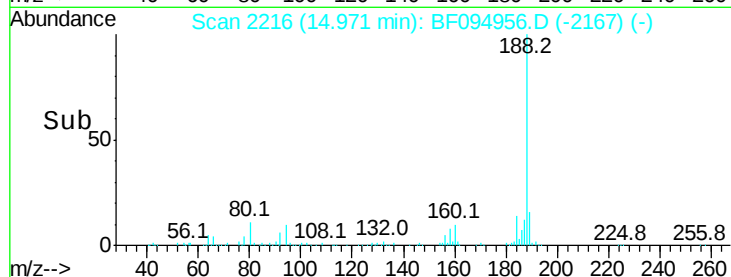
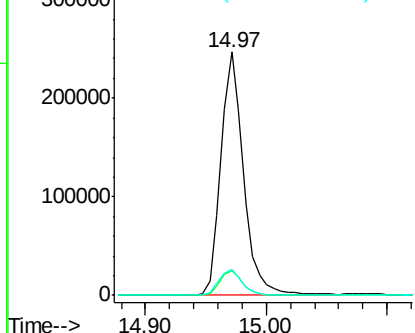
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094956.D
Acq: 6 May 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 321126
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.6 10.2 15.2

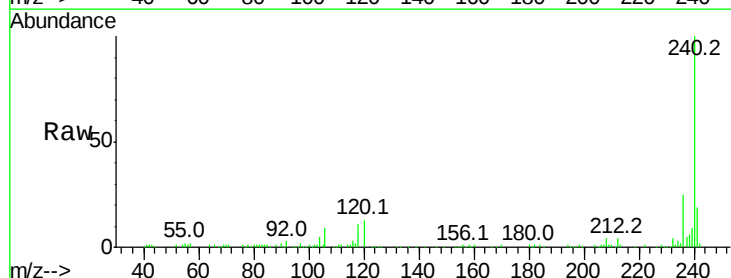


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

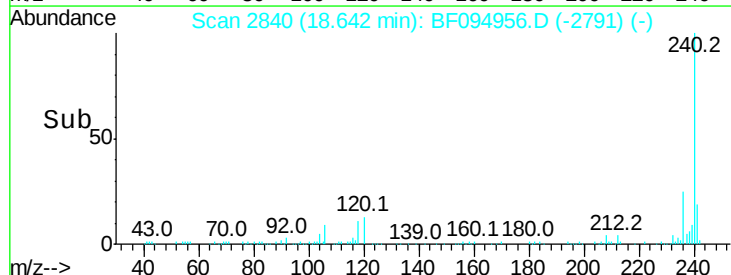
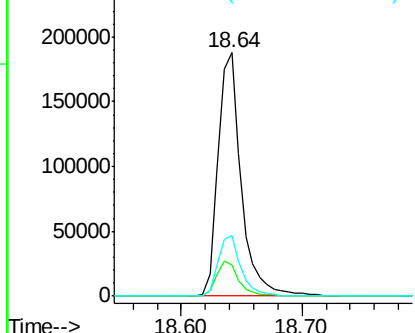


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094956.D
Acq: 6 May 2017 12:25

Tgt Ion:240 Resp: 246782
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 25.1 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

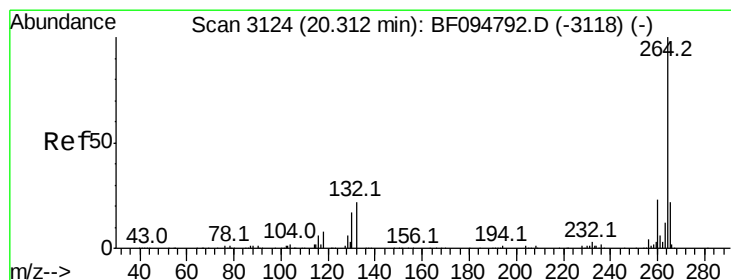
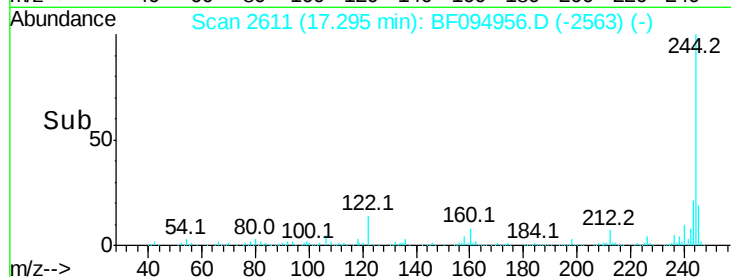
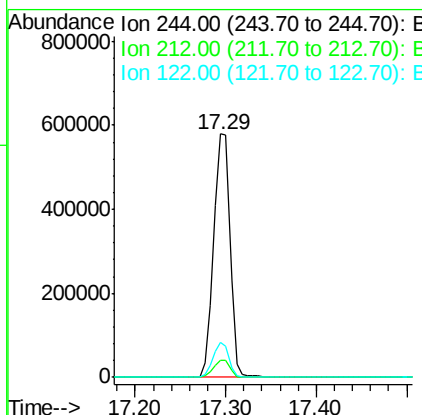
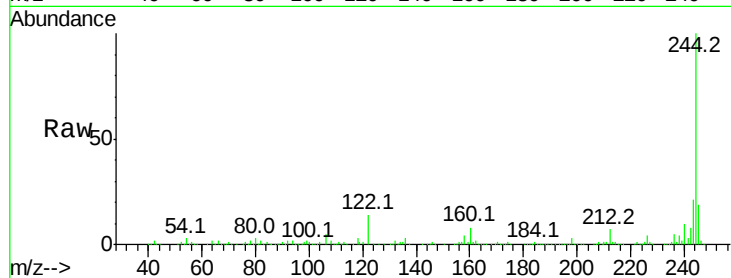




#78
 Terphenyl-d14
 Concen: 65.21 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094956.D
 Acq: 6 May 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 730628
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094956.D
 Acq: 6 May 2017 12:25

Tgt Ion:264 Resp: 190633
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.5 17.2 25.8

