

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094966.D
 Acq On : 8 May 2017 3:35
 Operator : SJ/MA
 Sample : I3007-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:57:29 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

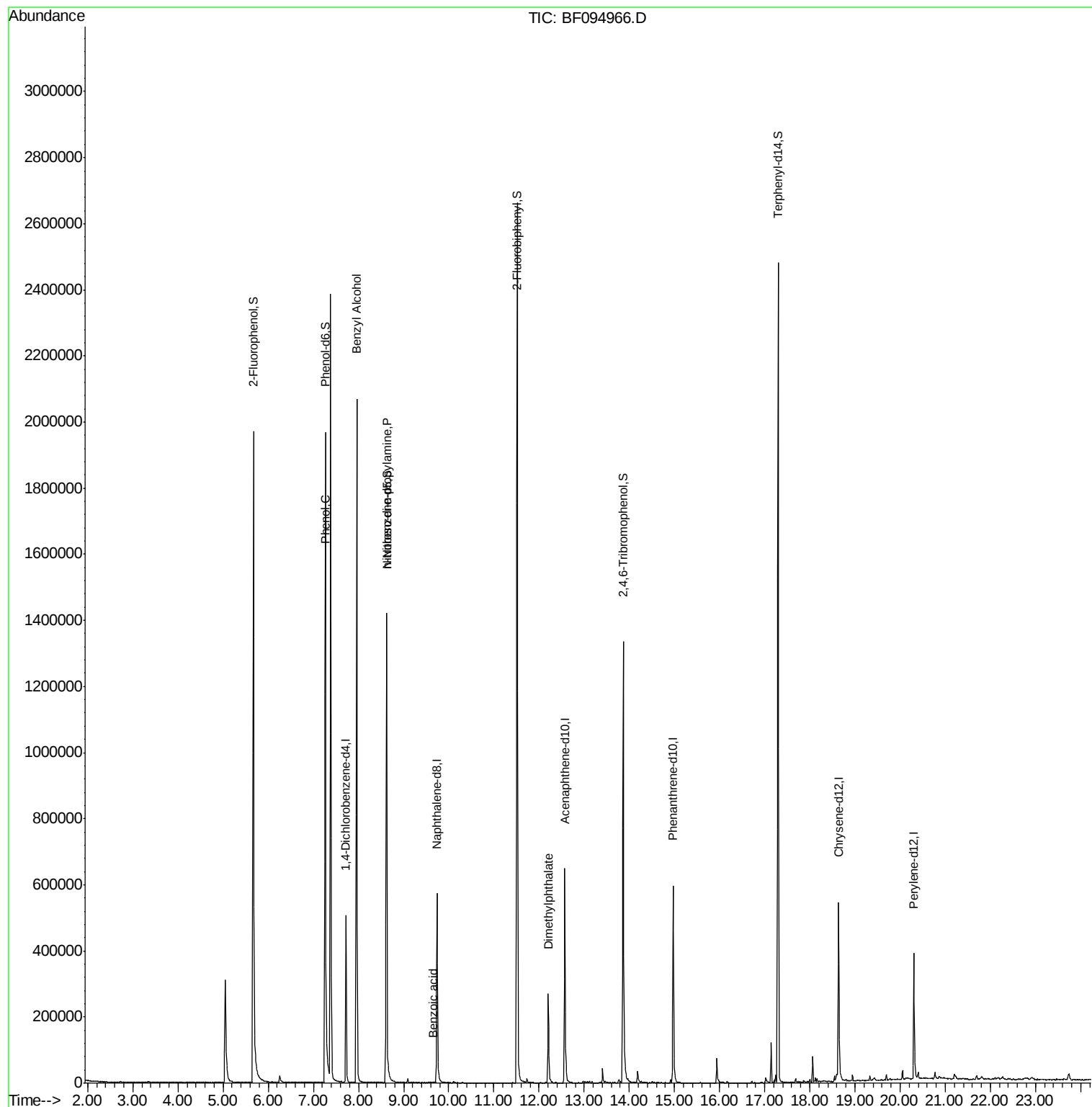
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	111088	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	440031	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	197849	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	346592	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	257158	20.00	ng	-0.02
86) Perylene-d12	20.31	264	200478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	919900	138.06	ng	0.00
7) Phenol-d6	7.27	99	1157242	144.75	ng	-0.01
23) Nitrobenzene-d5	8.62	82	698776	100.14	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	245436	151.47	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1255483	91.34	ng	-0.01
78) Terphenyl-d14	17.30	244	989811	84.78	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	25463	3.02	ng	Qvalue 81
15) Benzyl Alcohol	7.96	79	10747	2.09	ng	# 39
19) n-Nitroso-di-n-propylamine	8.62	70	89795	16.61	ng	# 74
32) Benzoic acid	9.65	122	373	5.16	ng	93
49) Dimethylphthalate	12.21	163	182757	11.25	ng	99

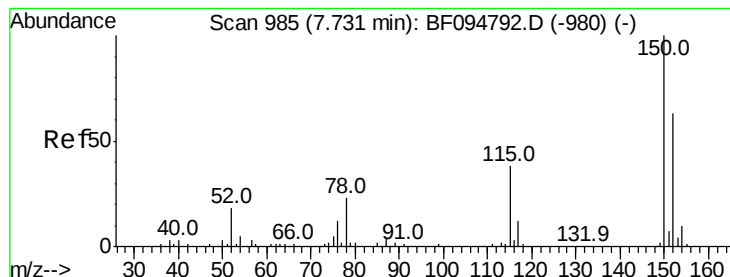
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094966.D
Acq On : 8 May 2017 3:35
Operator : SJ/MA
Sample : I3007-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 07:57:29 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: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

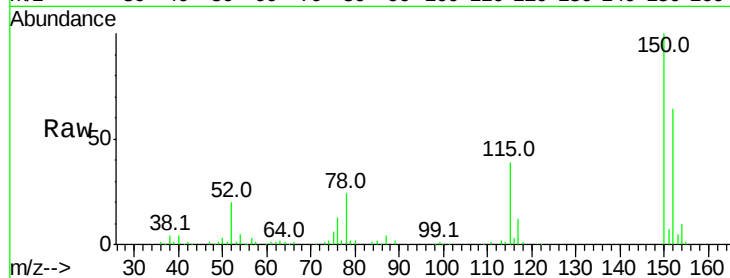
Tot Ion:152 Resp: 111088

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

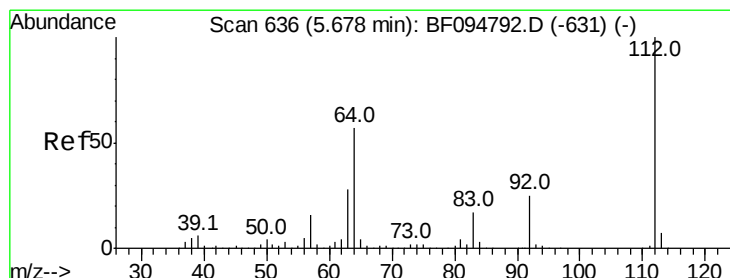
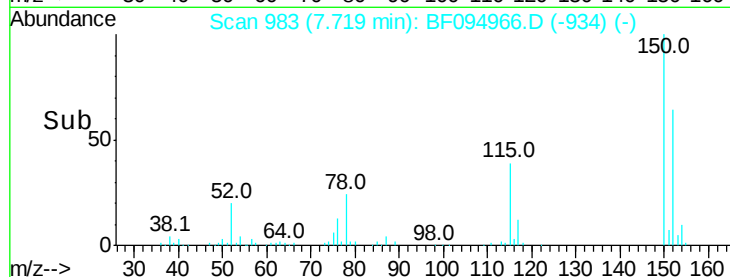
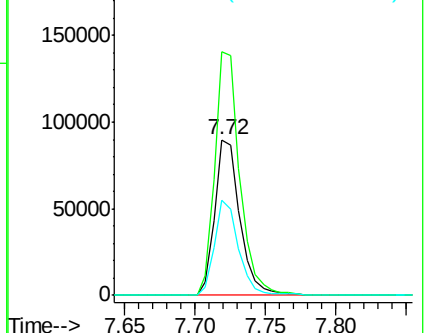
115 61.5 52.2 78.2



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: 138.06 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

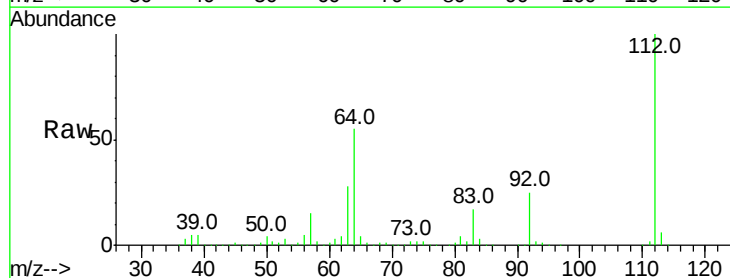
Tgt Ion:112 Resp: 919900

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

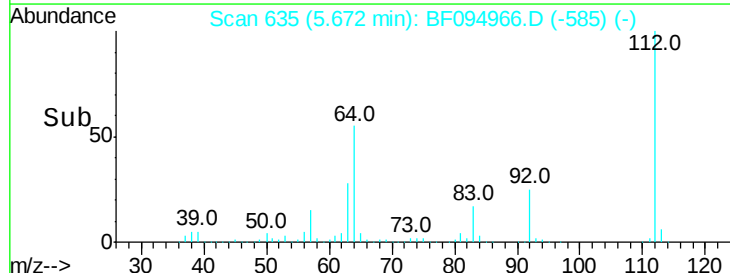
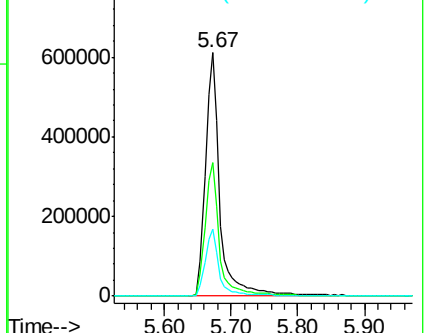
63 27.7 23.4 35.0

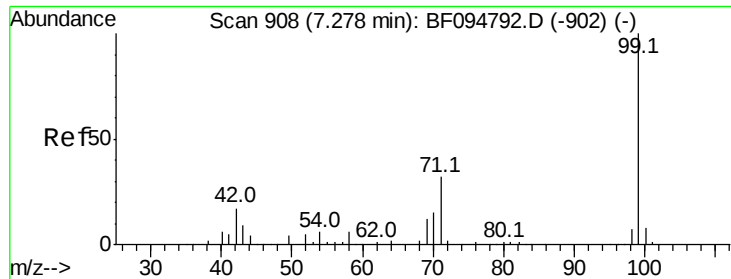


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.75 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

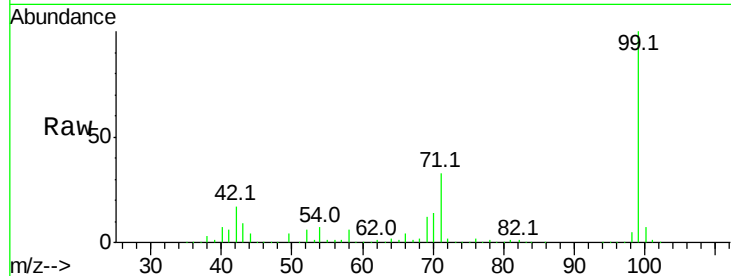
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1157242

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.8	24.5	36.7

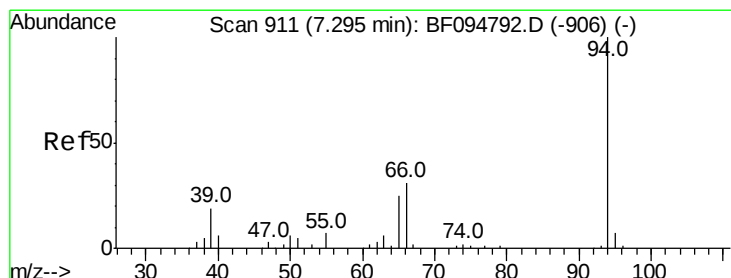
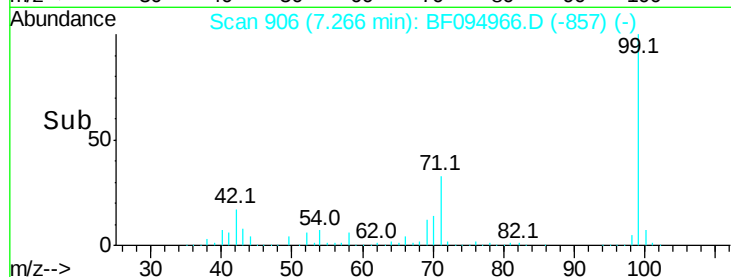
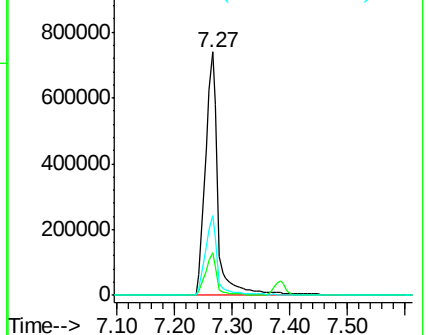


Abundance

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: 3.02 ng

RT: 7.28 min Scan# 908

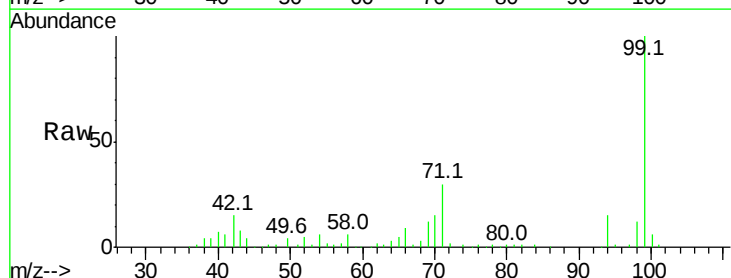
Delta R.T. -0.02 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Tgt Ion: 94 Resp: 25463

Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	61.9	23.1	63.1

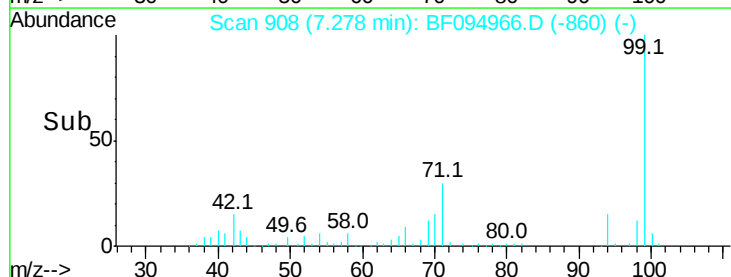
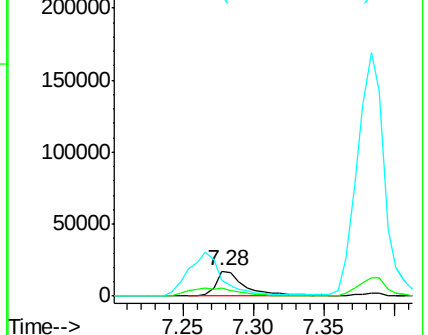


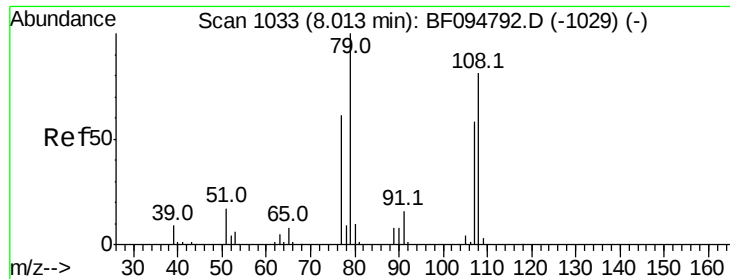
Abundance

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

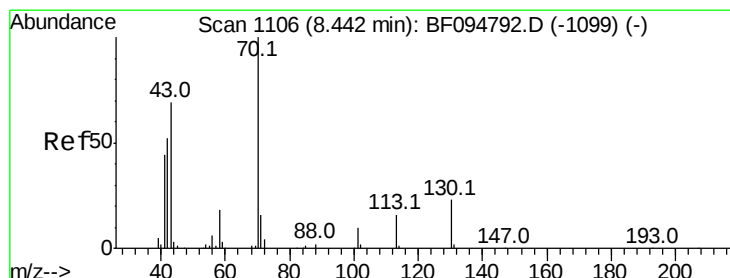
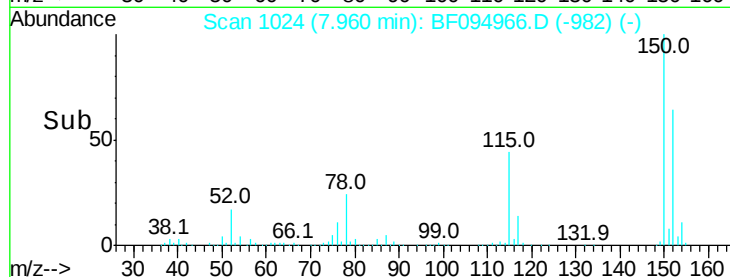
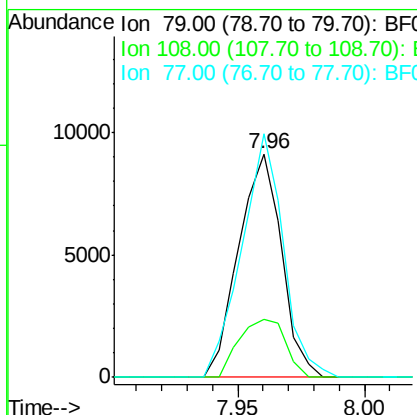
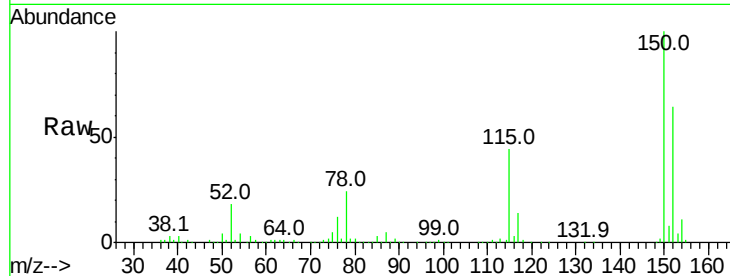




#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

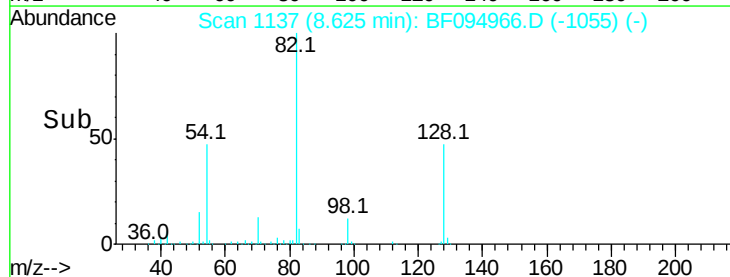
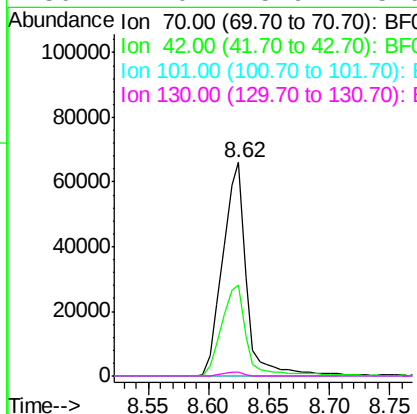
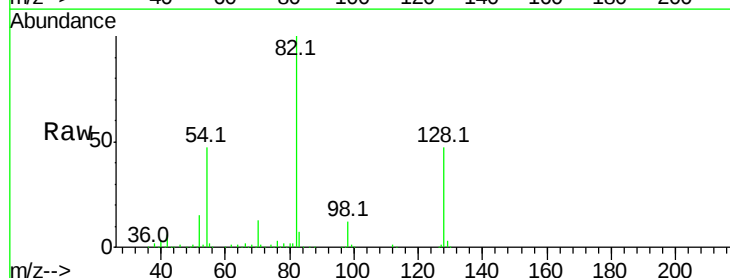
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10747
Ion Ratio Lower Upper
79 100
108 25.8 63.4 95.0#
77 109.0 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.61 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

Tgt Ion: 70 Resp: 89795
Ion Ratio Lower Upper
70 100
42 42.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 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: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 440031

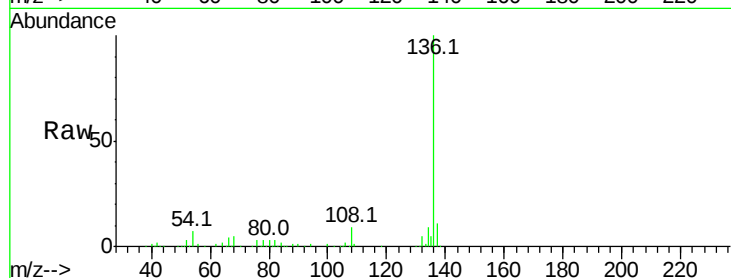
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 5.3 4.1 6.1

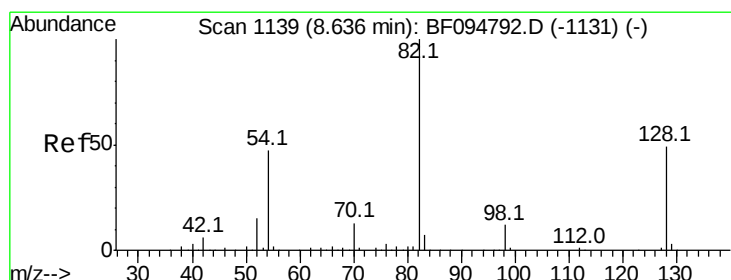
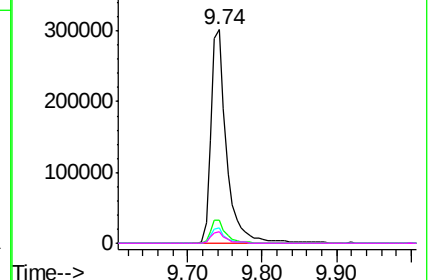
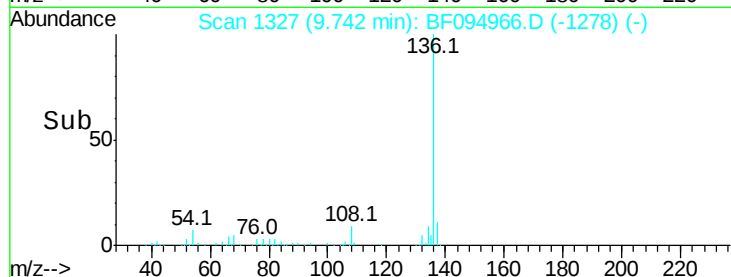


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.14 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

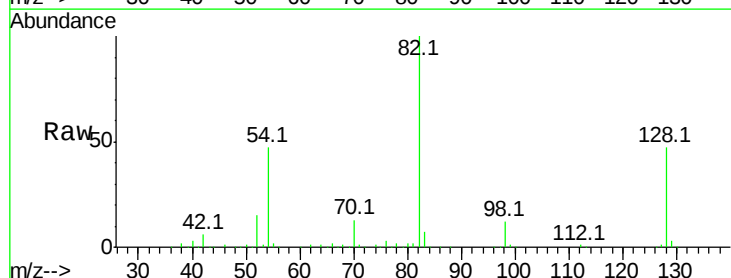
Tgt Ion: 82 Resp: 698776

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

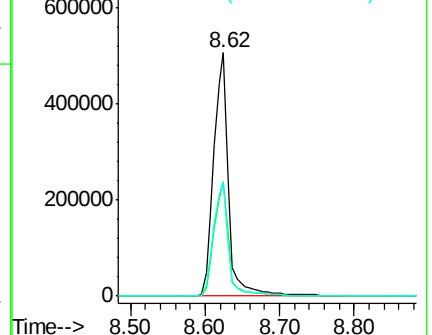
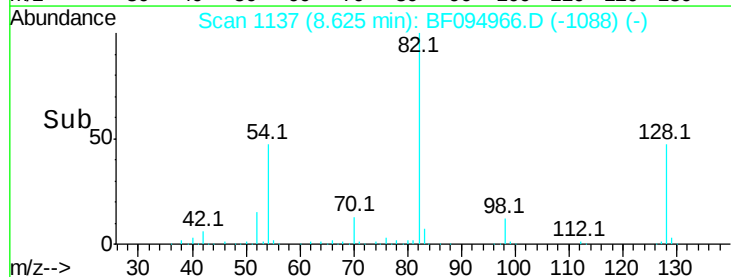
54 47.1 42.2 63.2

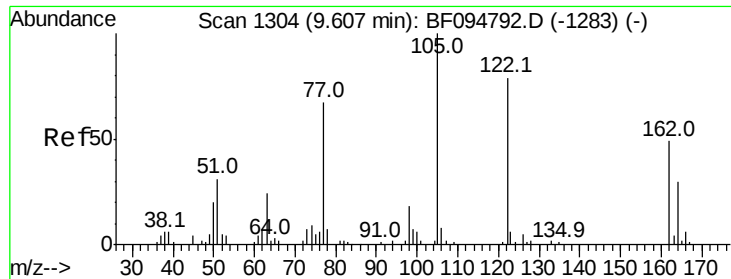


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.16 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.05 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampled :

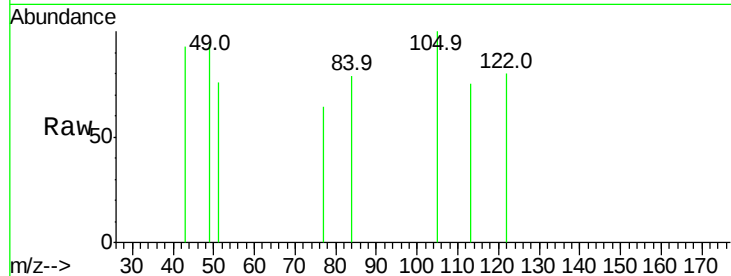
Tot Ion:122 Resp: 373

Ion Ratio Lower Upper

122 100

105 125.1 103.3 143.3

77 79.6 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

800

600

400

200

0

9.64

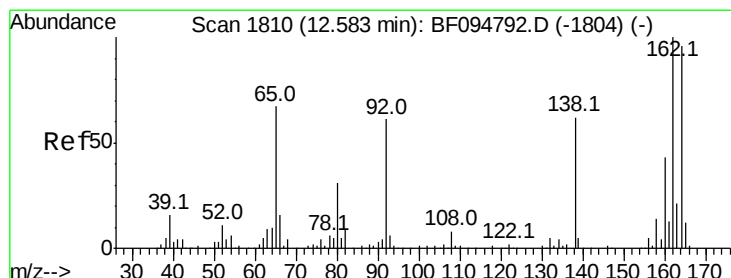
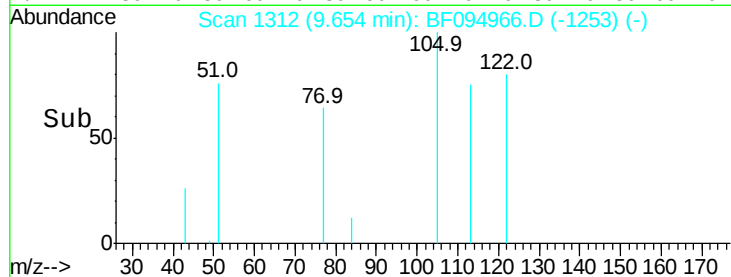
9.65

9.66

9.67

9.68

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

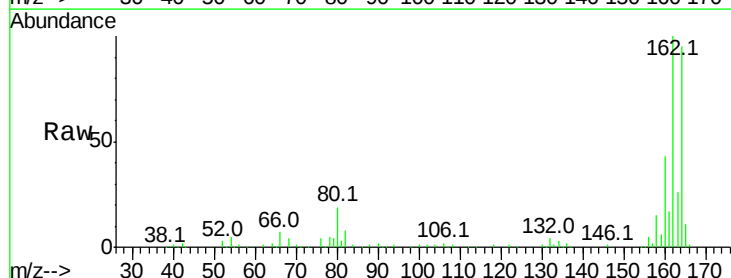
Tgt Ion:164 Resp: 197849

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

160 44.6 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

200000

150000

100000

50000

0

12.50

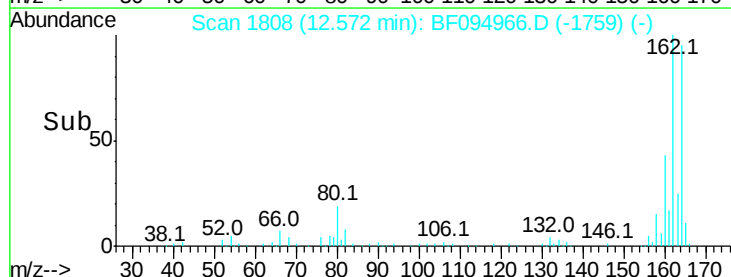
12.55

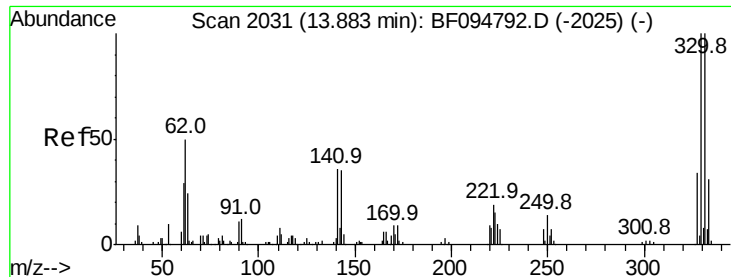
12.60

12.65

12.70

Time-->

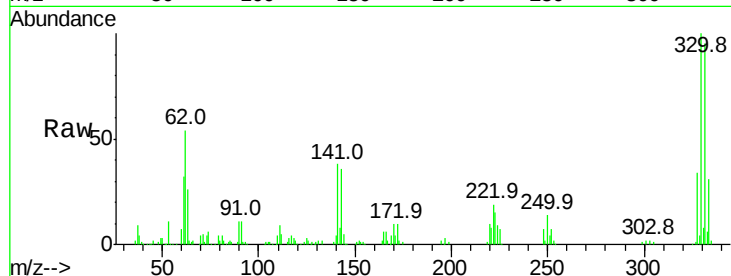




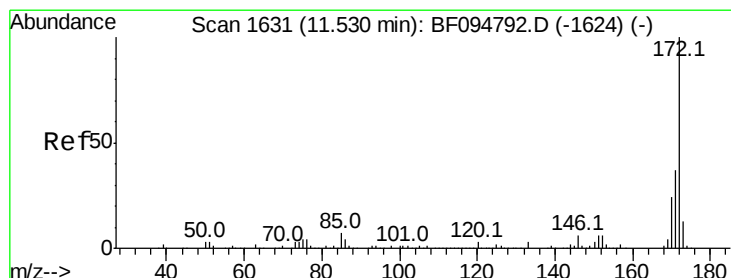
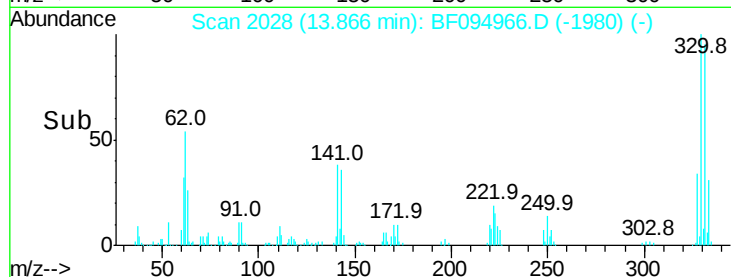
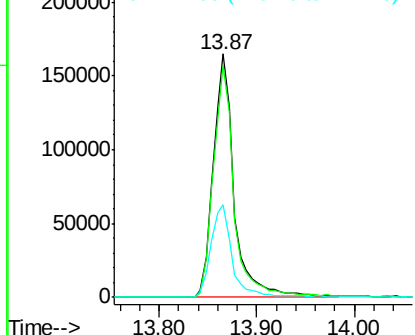
#41
 2,4,6-Tribromophenol
 Concen: 151.47 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094966.D
 Acq: 8 May 2017 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.1	31.4	47.2

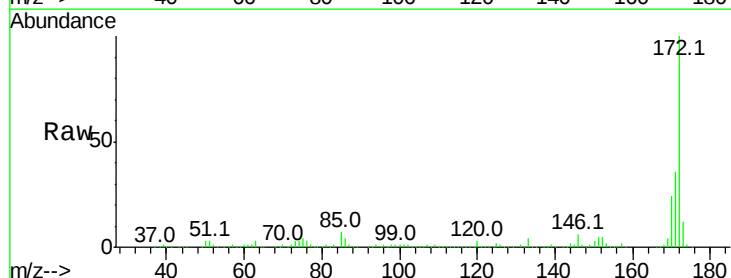


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

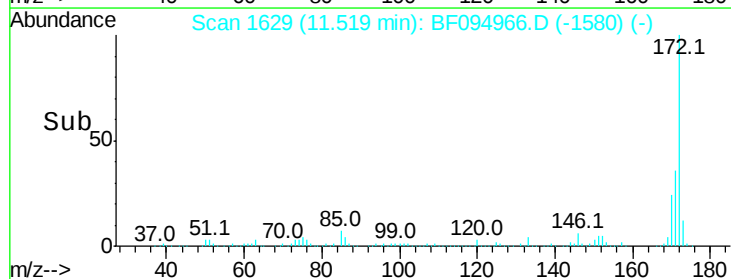
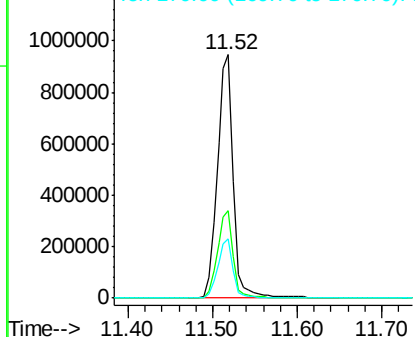


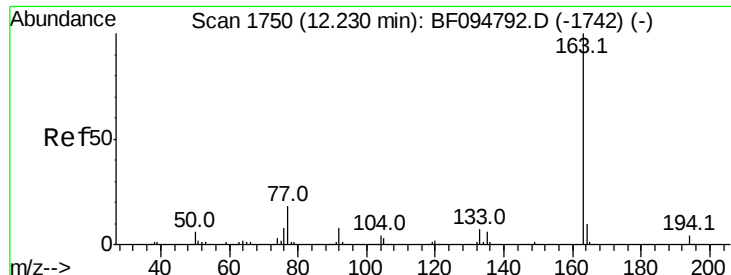
#44
 2-Fluorobiphenyl
 Concen: 91.34 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094966.D
 Acq: 8 May 2017 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	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: 11.25 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

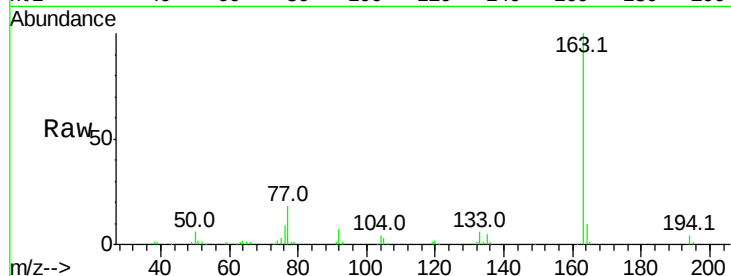
Tot Ion:163 Resp: 182757

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

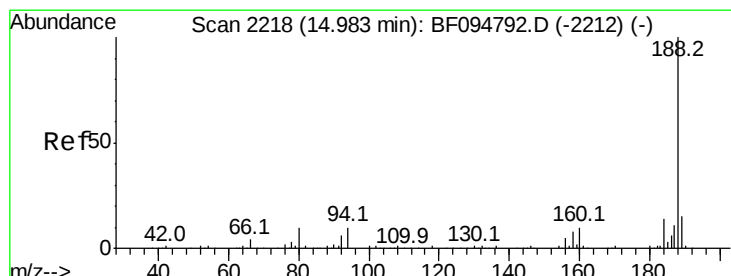
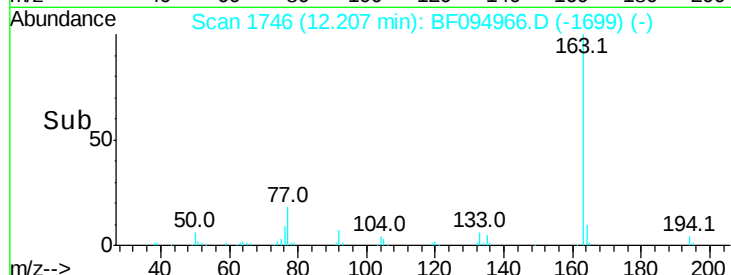
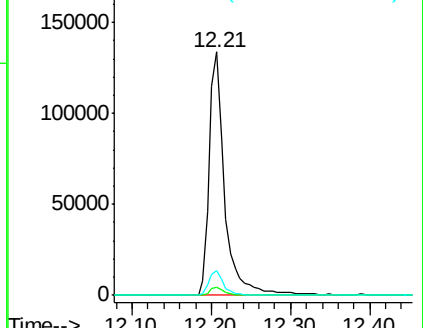
164 10.0 8.4 12.6



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: BF094966.D

Acq: 8 May 2017 3:35

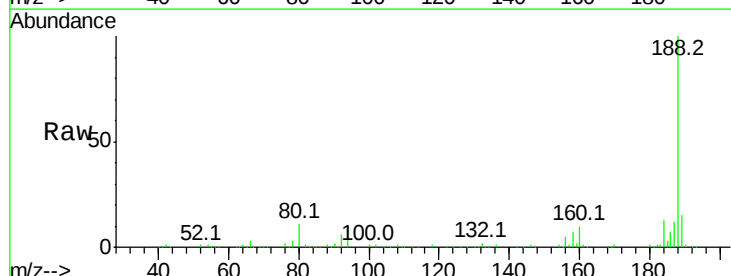
Tgt Ion:188 Resp: 346592

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

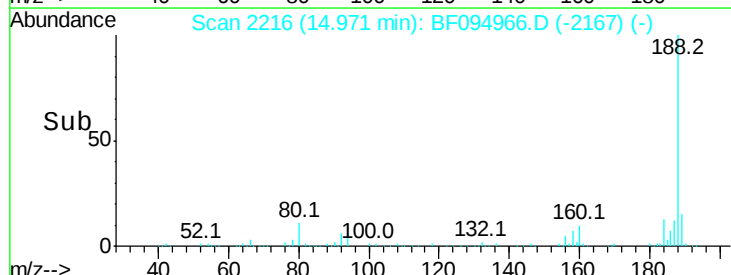
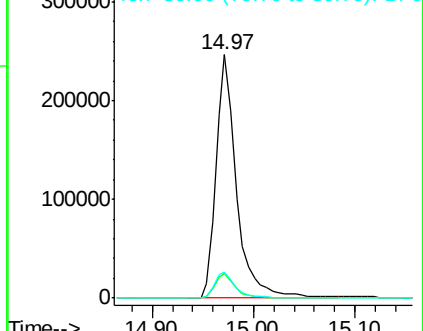
80 10.7 10.2 15.2

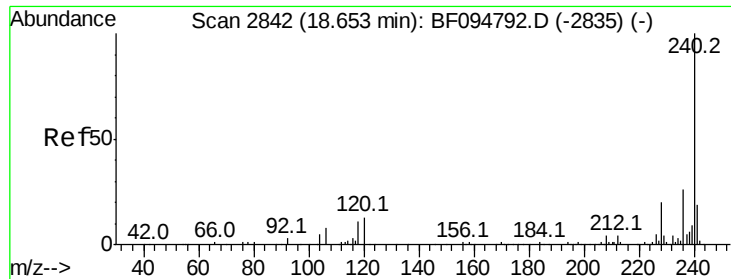


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampled :

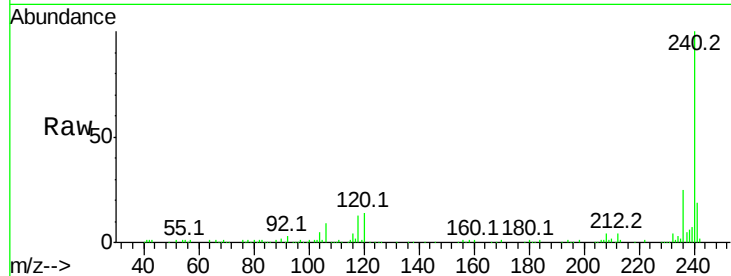
Tot Ion:240 Resp: 257158

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

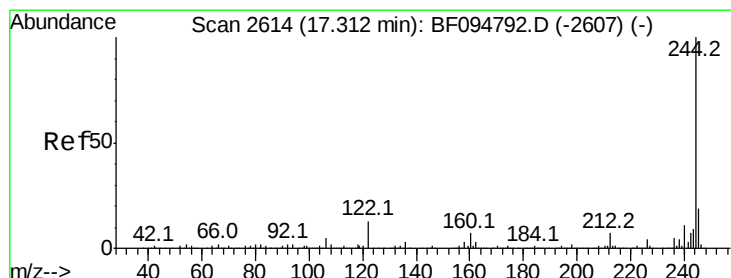
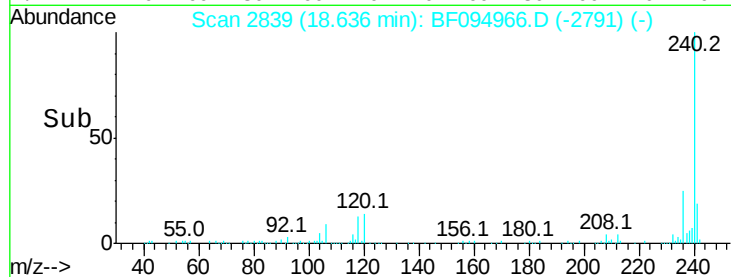
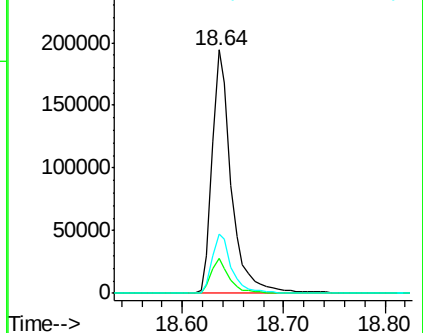
236 24.6 20.5 30.7



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: 84.78 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

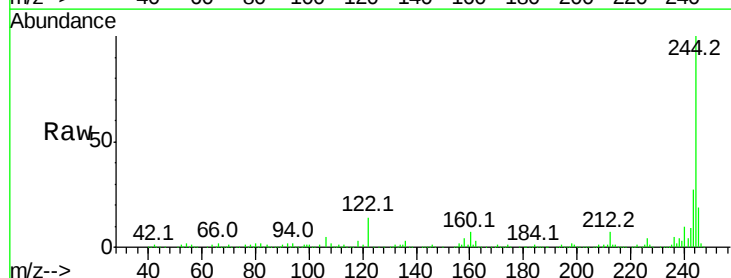
Tgt Ion:244 Resp: 989811

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

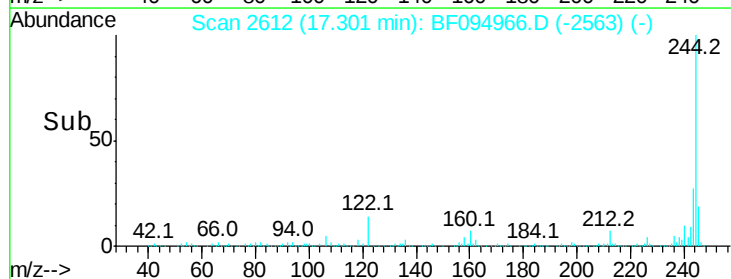
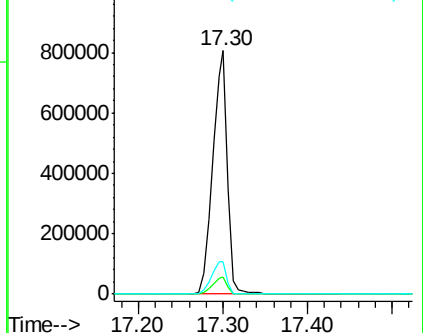
122 13.5 10.3 15.5

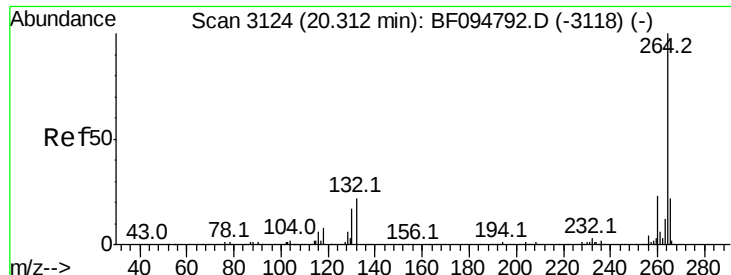


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

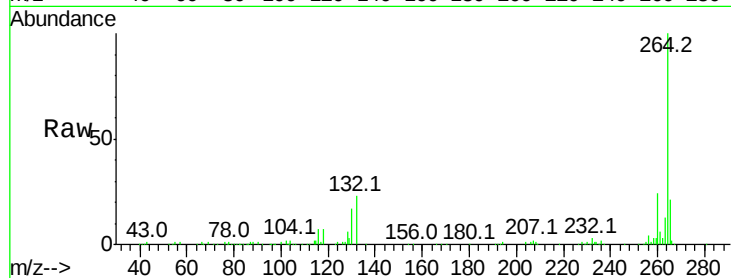




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094966.D
 Acq: 8 May 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	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

