

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094854.D
 Acq On : 4 May 2017 1:54
 Operator : SJ/MA
 Sample : I2914-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 04:20:53 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

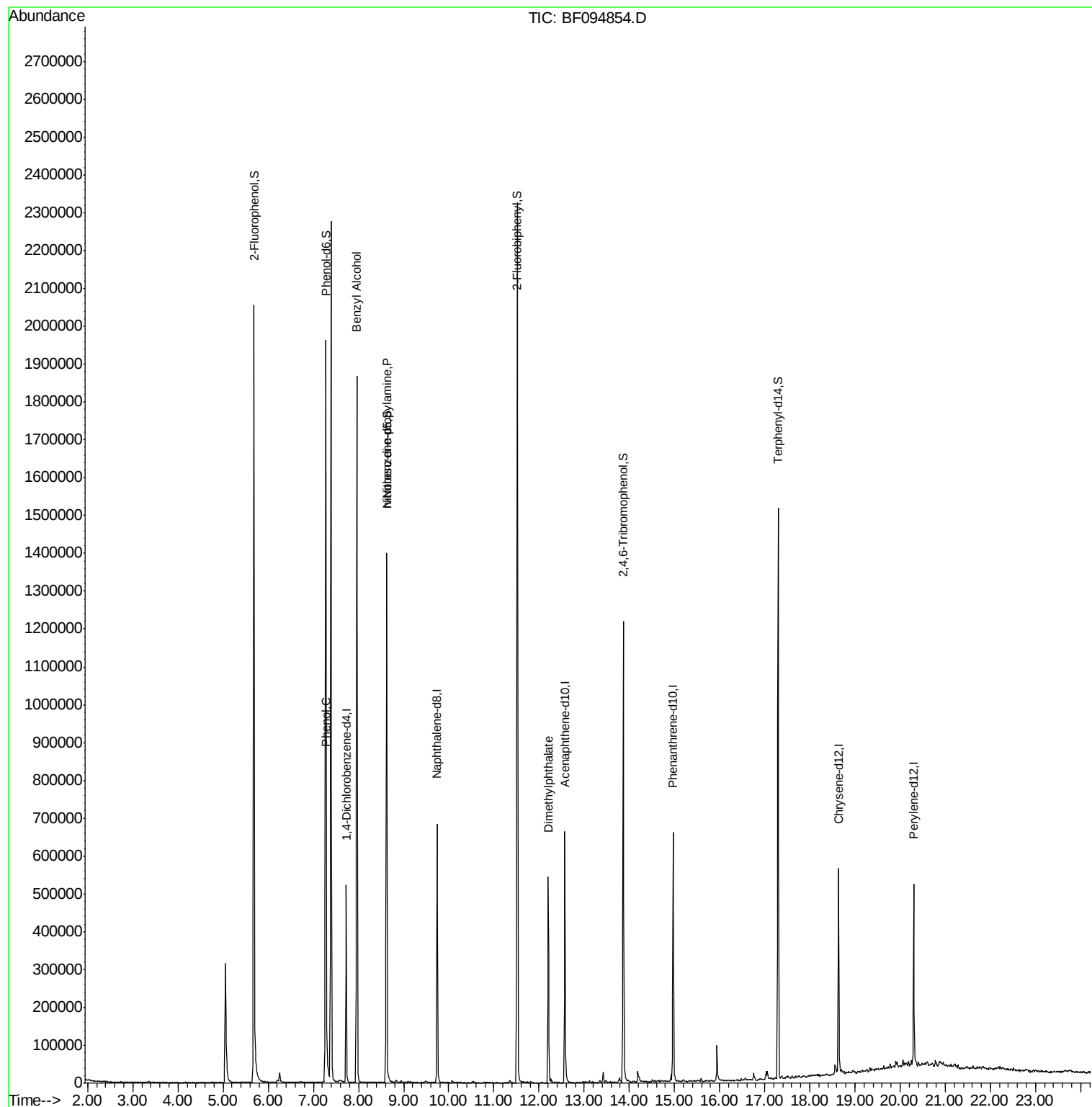
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	102146	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	407417	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	185601	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	313423	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	213113	20.00	ng	-0.02
86) Perylene-d12	20.30	264	187171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	903934	147.54	ng	0.00
7) Phenol-d6	7.28	99	1098833	149.48	ng	0.00
23) Nitrobenzene-d5	8.62	82	647291	100.19	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	200629	131.99	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	969234	75.16	ng	-0.01
78) Terphenyl-d14	17.30	244	594260	61.42	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	30363	3.92	ng	Qvalue 96
15) Benzyl Alcohol	7.97	79	9845	2.08	ng	# 50
19) n-Nitroso-di-n-propylamine	8.62	70	84305	16.96	ng	# 76
49) Dimethylphthalate	12.21	163	309695	20.33	ng	99

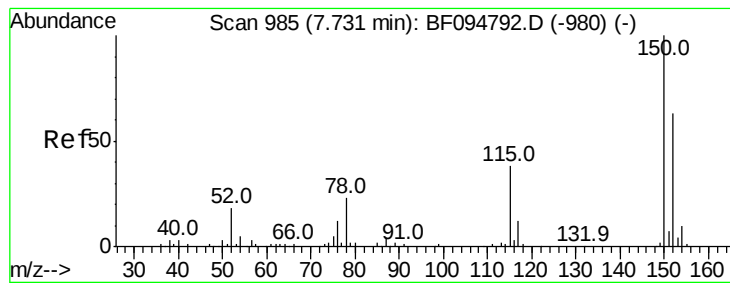
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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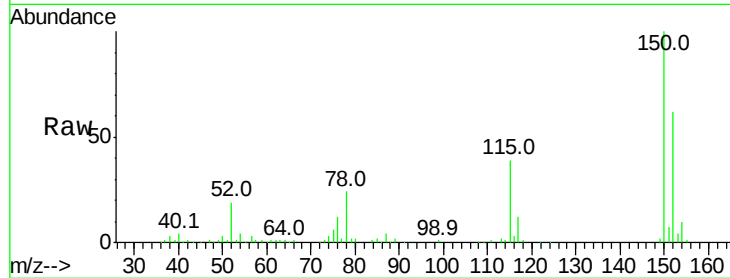


#1

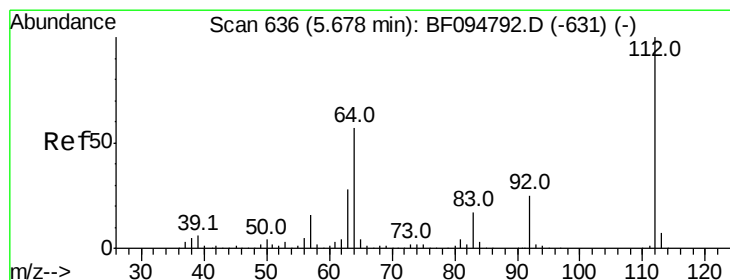
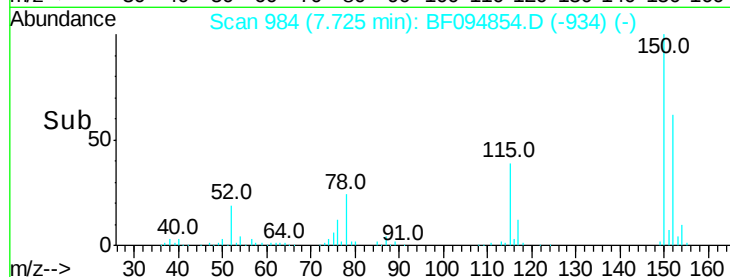
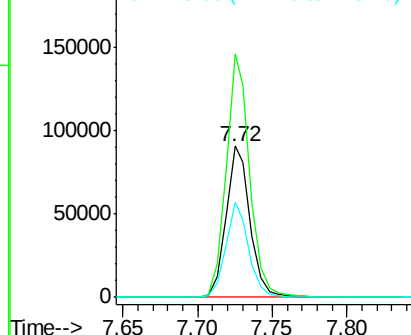
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094854.D
Acq: 4 May 2017 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102146
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 63.2 52.2 78.2



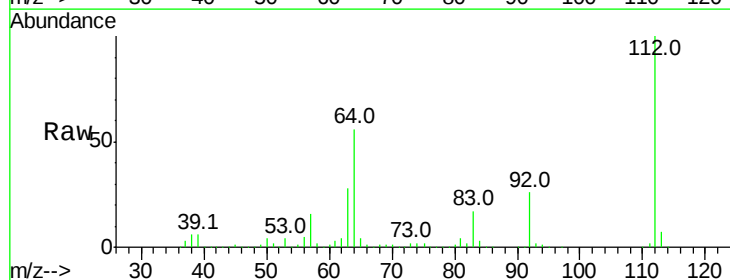
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



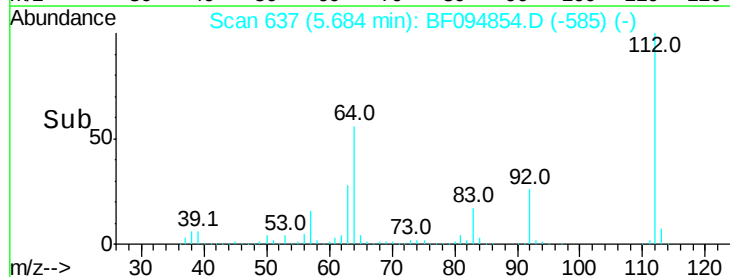
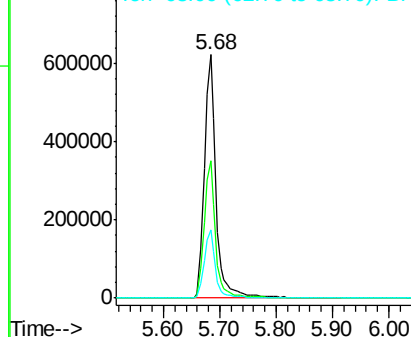
#5

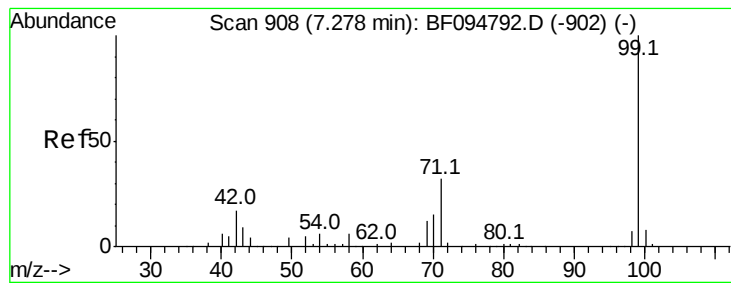
2-Fluorophenol
Concen: 147.54 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094854.D
Acq: 4 May 2017 1:54

Tgt Ion:112 Resp: 903934
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.3 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: 149.48 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

Instrument :

BNA_F

ClientSampled :

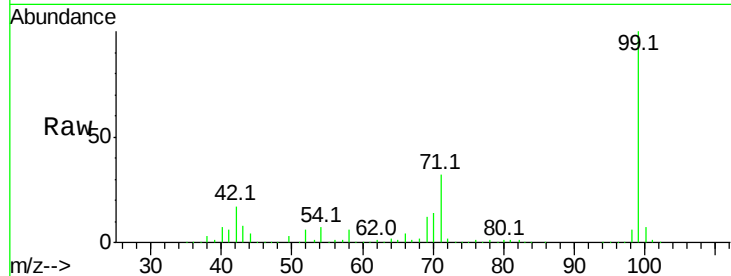
Tot Ion: 99 Resp: 1098833

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.4	24.5	36.7

99 100

42 16.6 13.5 20.3

71 32.4 24.5 36.7

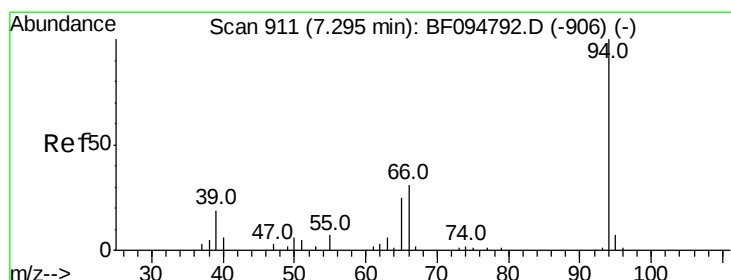
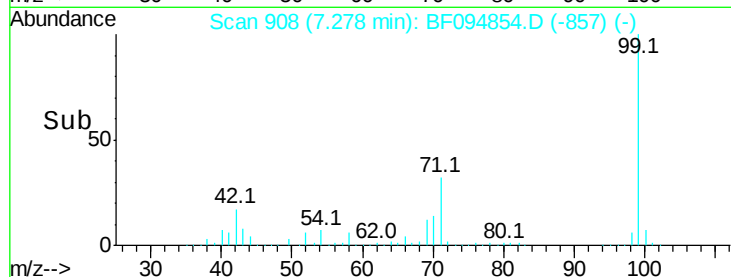
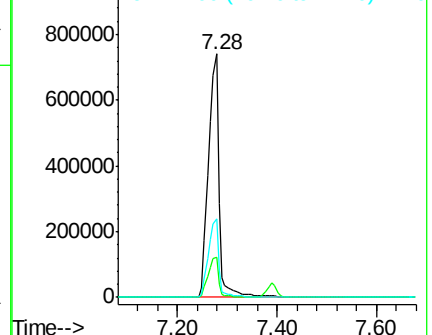


Abundance

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: 3.92 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

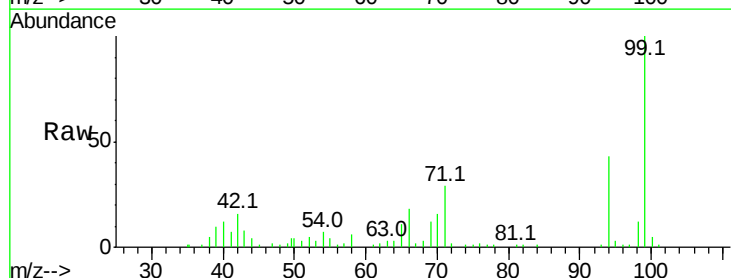
Tgt Ion: 94 Resp: 30363

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	41.2	23.1	63.1

94 100

65 26.3 9.9 49.9

66 41.2 23.1 63.1

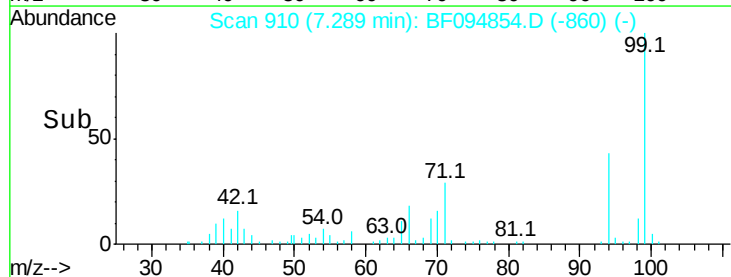
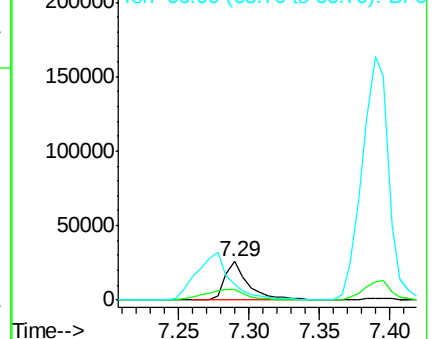


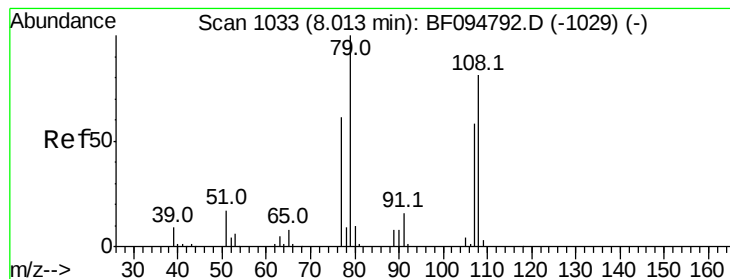
Abundance

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: 2.08 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

Instrument :

BNA_F

ClientSampleId :

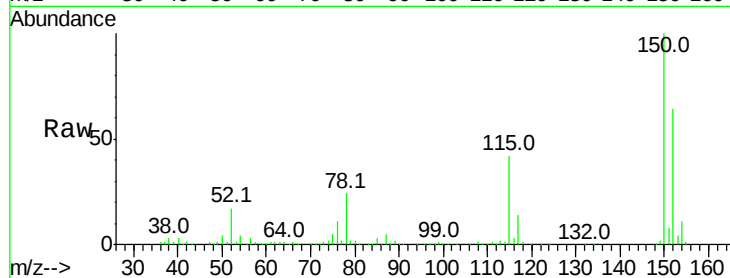
Tot Ion: 79 Resp: 9845

Ion Ratio Lower Upper

79 100

108 33.7 63.4 95.0#

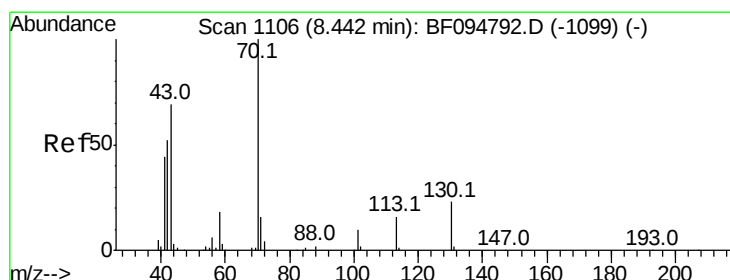
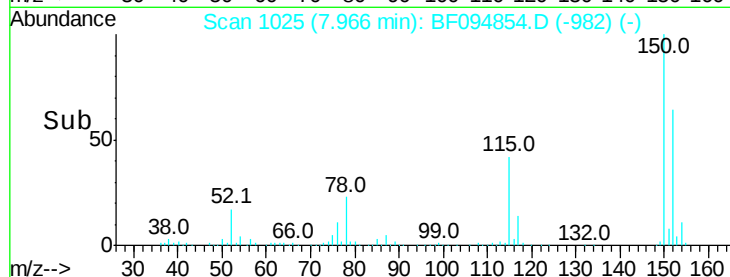
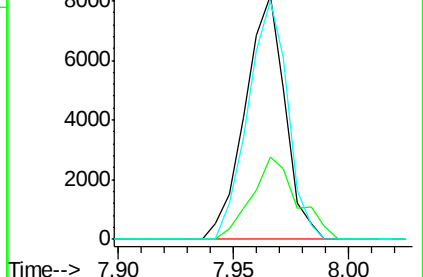
77 97.8 49.2 73.8#



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: 16.96 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

Tgt Ion: 70 Resp: 84305

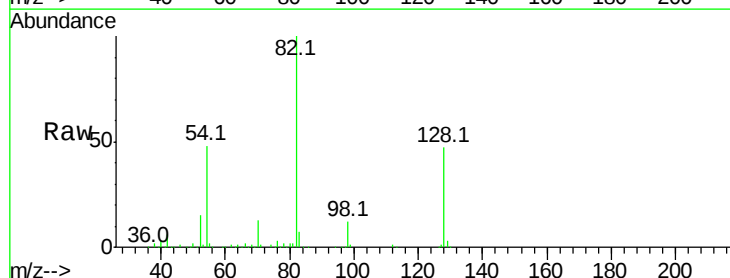
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

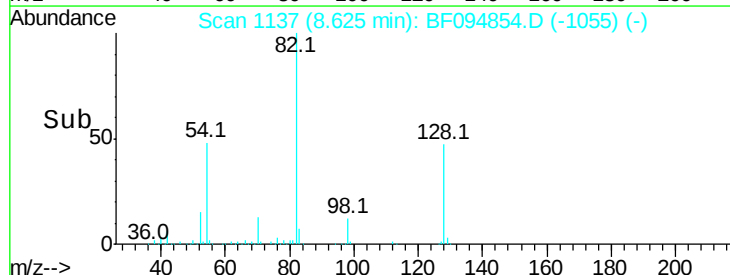
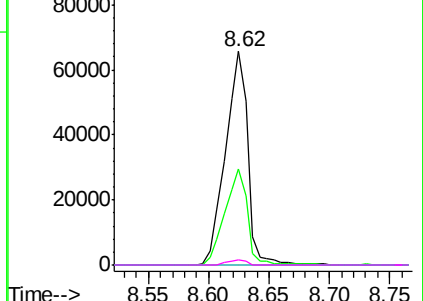


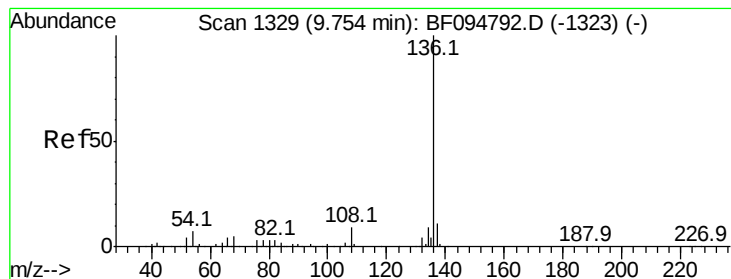
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 407417

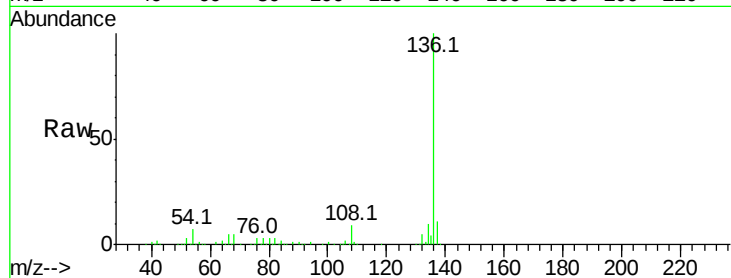
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

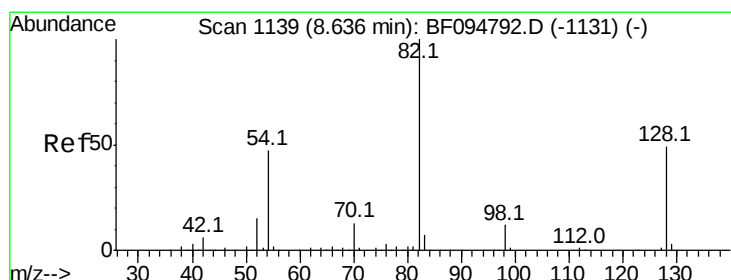
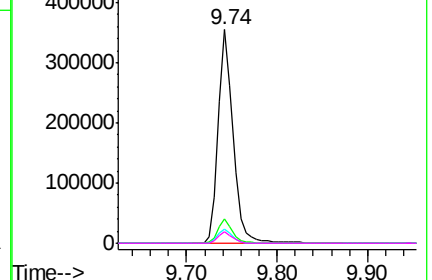
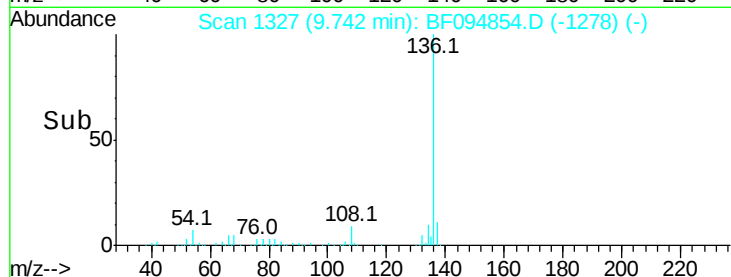


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.19 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

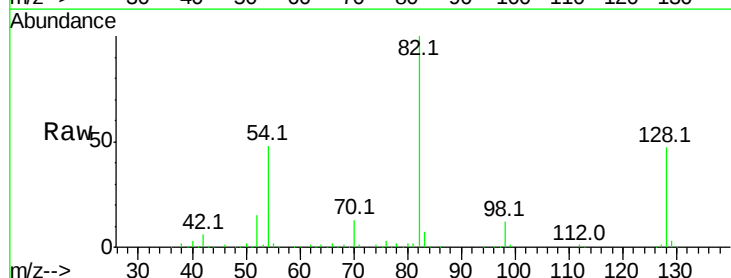
Tgt Ion: 82 Resp: 647291

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

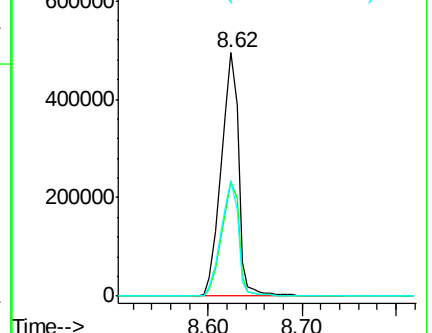
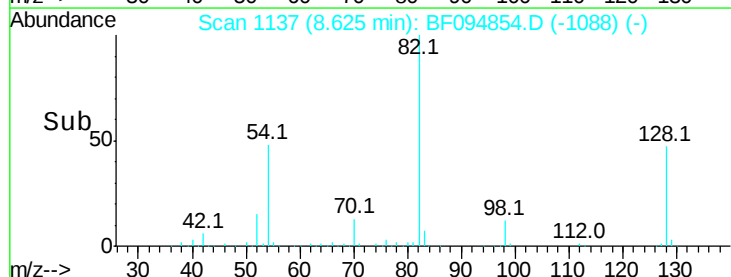
54 47.7 42.2 63.2

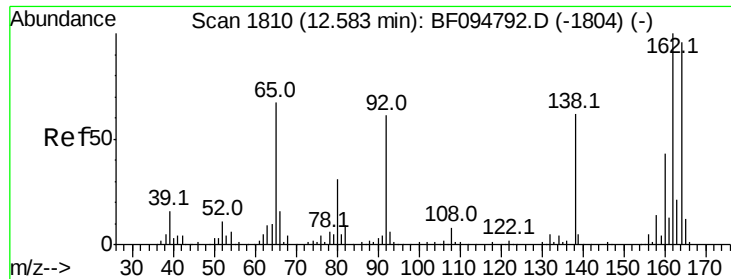


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1808

Delta R.T. -0.01 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

Instrument :

BNA_F

ClientSampleId :

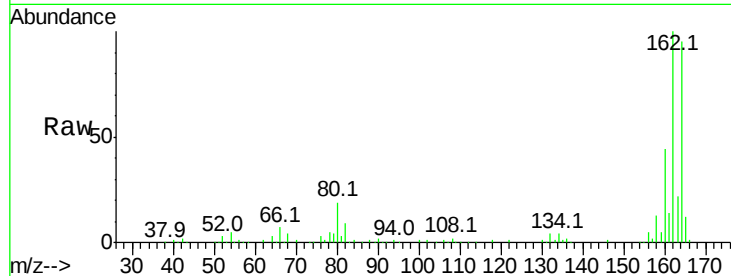
Tot Ion:164 Resp: 185601

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

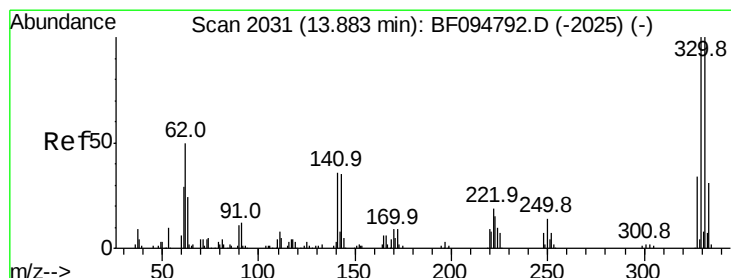
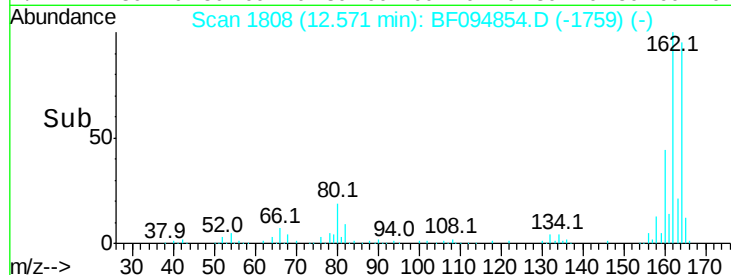
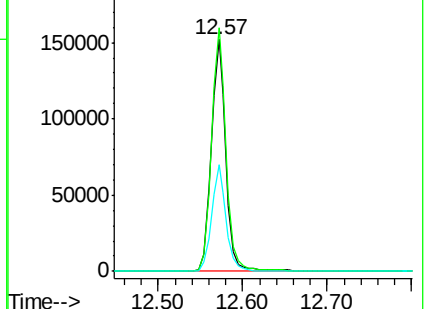
160 46.3 36.2 54.2



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: 131.99 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094854.D

Acq: 4 May 2017 1:54

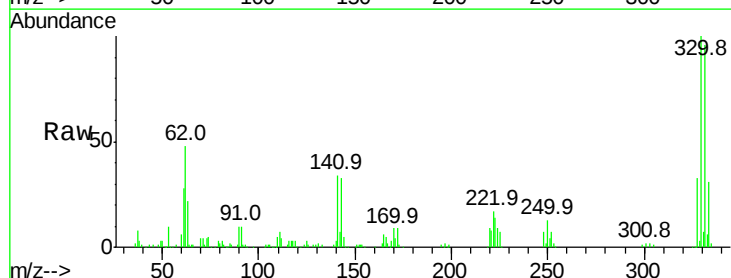
Tgt Ion:330 Resp: 200629

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

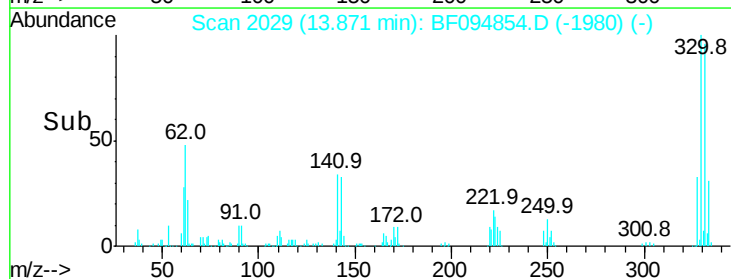
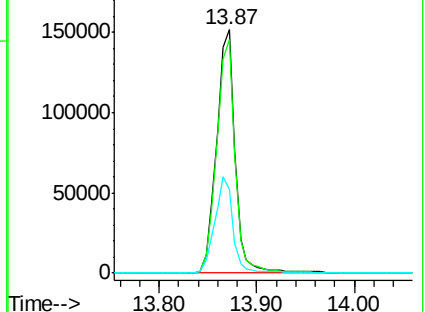
141 39.1 31.4 47.2

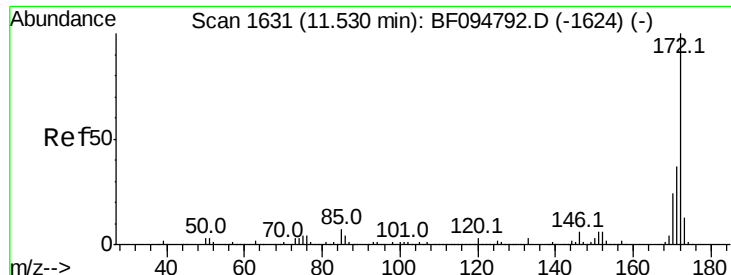


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

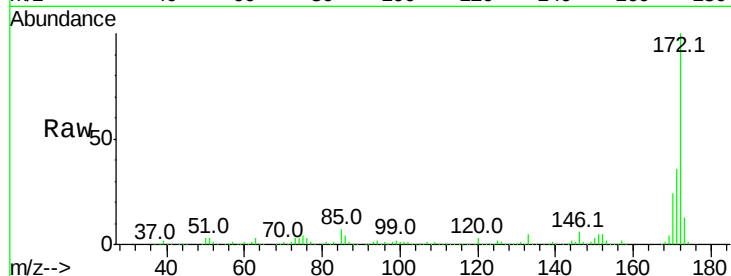




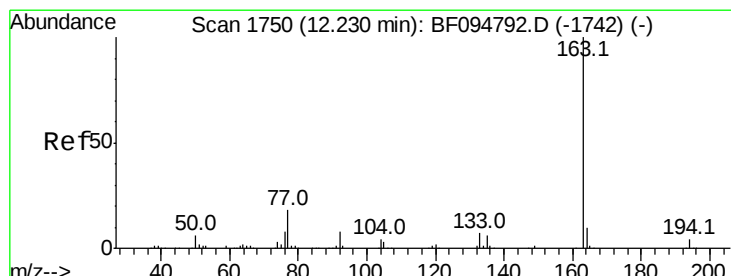
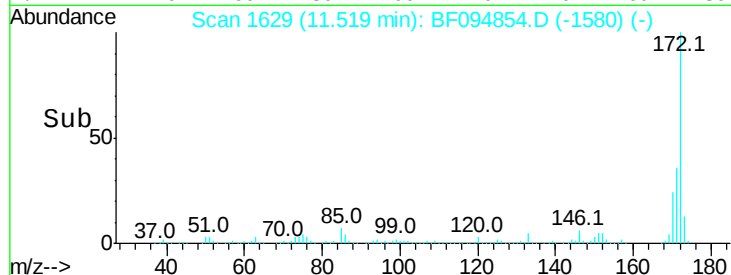
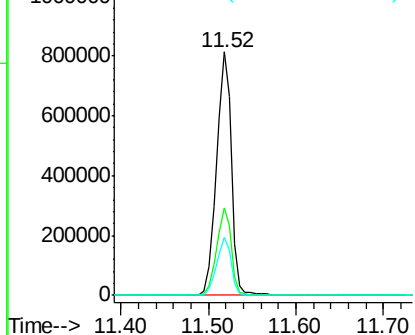
#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094854.D
 Acq: 4 May 2017 1:54

Instrument :
 BNA_F
 ClientSampled :

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

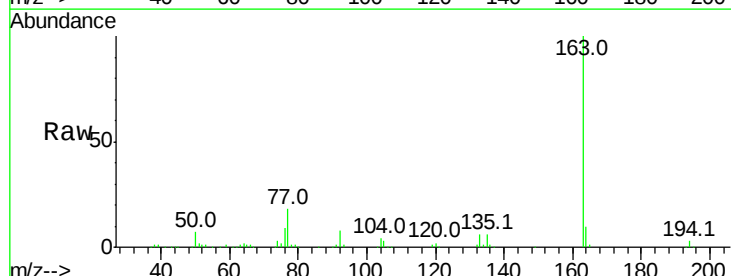


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

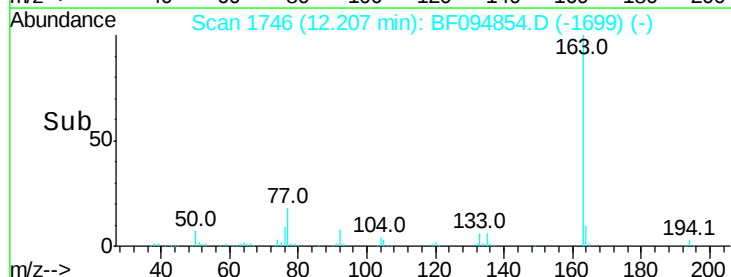
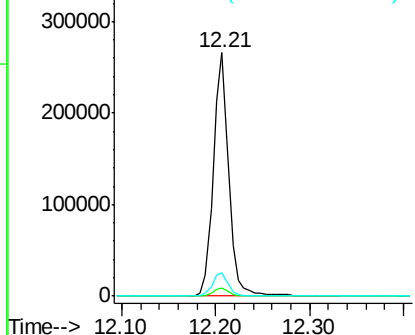


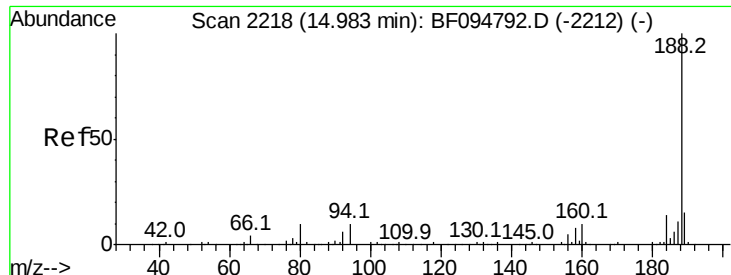
#49
 Dimethylphthalate
 Concen: 20.33 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094854.D
 Acq: 4 May 2017 1:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	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

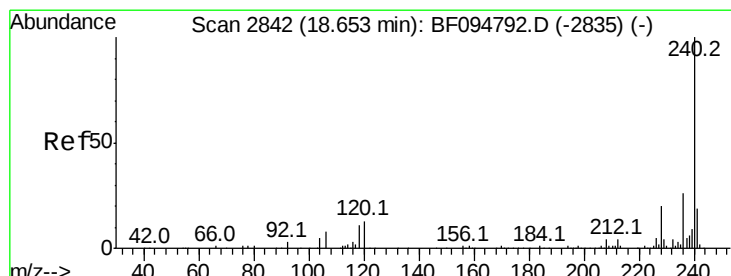
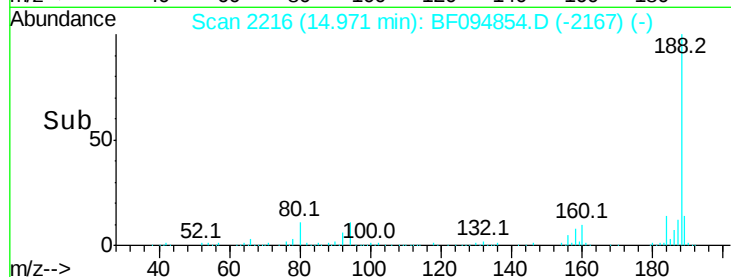
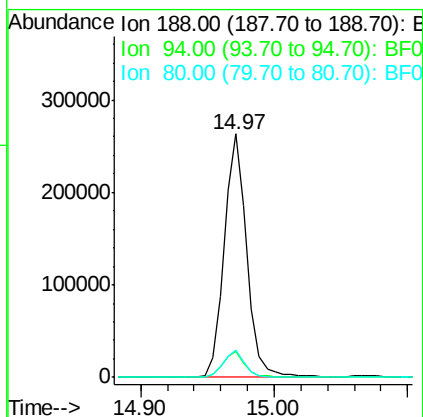
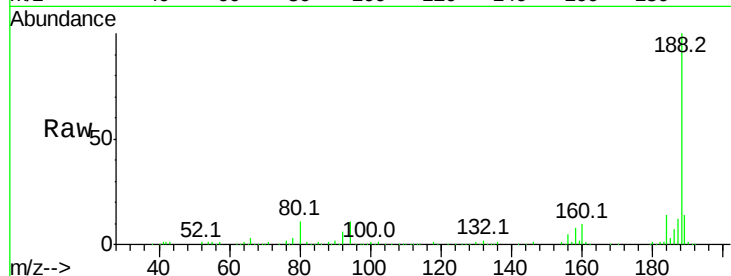




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094854.D
Acq: 4 May 2017 1:54

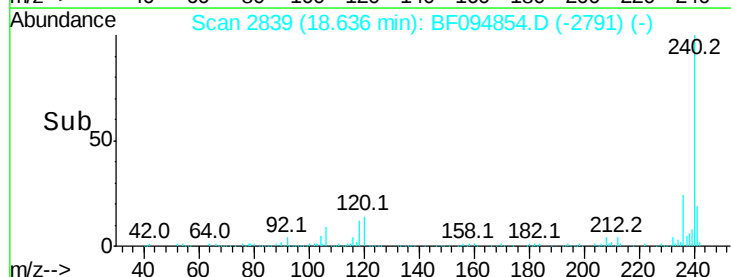
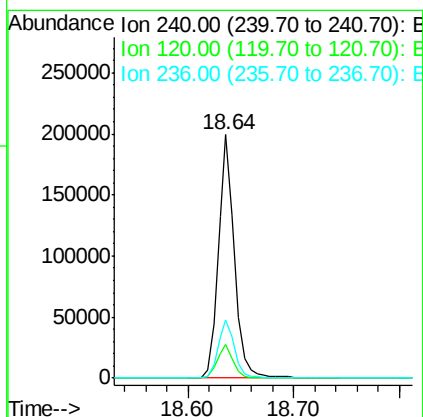
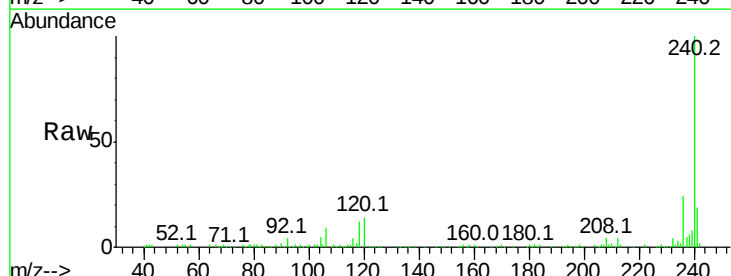
Instrument :
BNA_F
ClientSampleId :

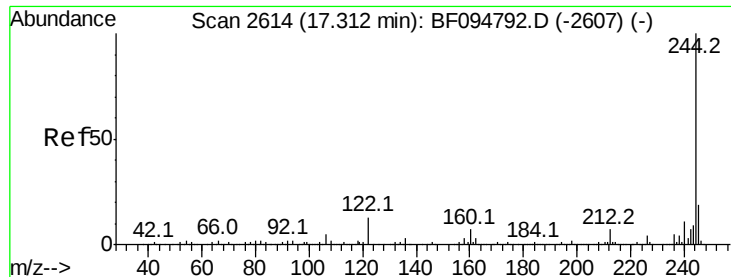
Tot Ion:188 Resp: 313423
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094854.D
Acq: 4 May 2017 1:54

Tgt Ion:240 Resp: 213113
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 23.8 20.5 30.7

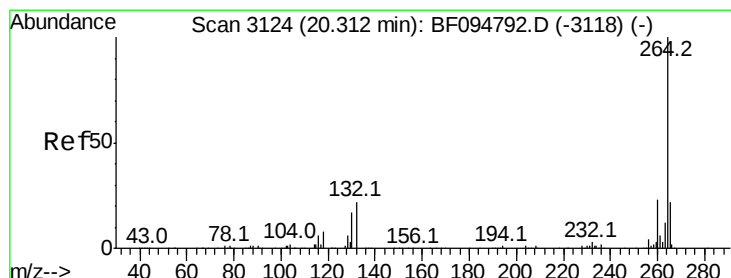
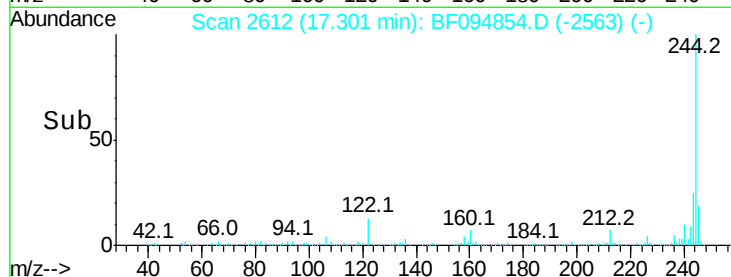
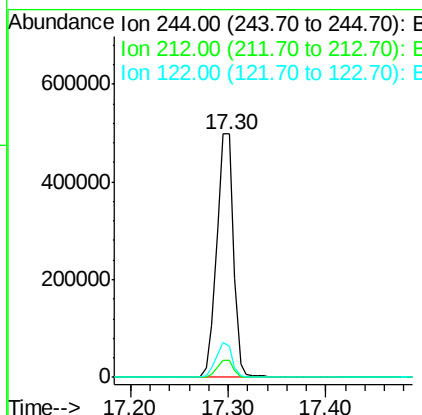
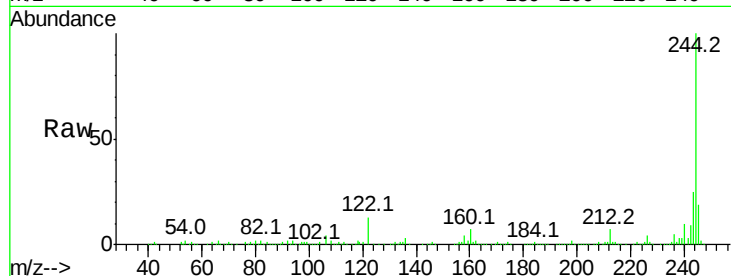




#78
 Terphenyl-d14
 Concen: 61.42 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094854.D
 Acq: 4 May 2017 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 594260
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.8 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: BF094854.D
 Acq: 4 May 2017 1:54

Tgt Ion:264 Resp: 187171
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.2 17.2 25.8

