

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094941.D
 Acq On : 6 May 2017 4:15
 Operator : SJ/MA
 Sample : I3004-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 05:56:31 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

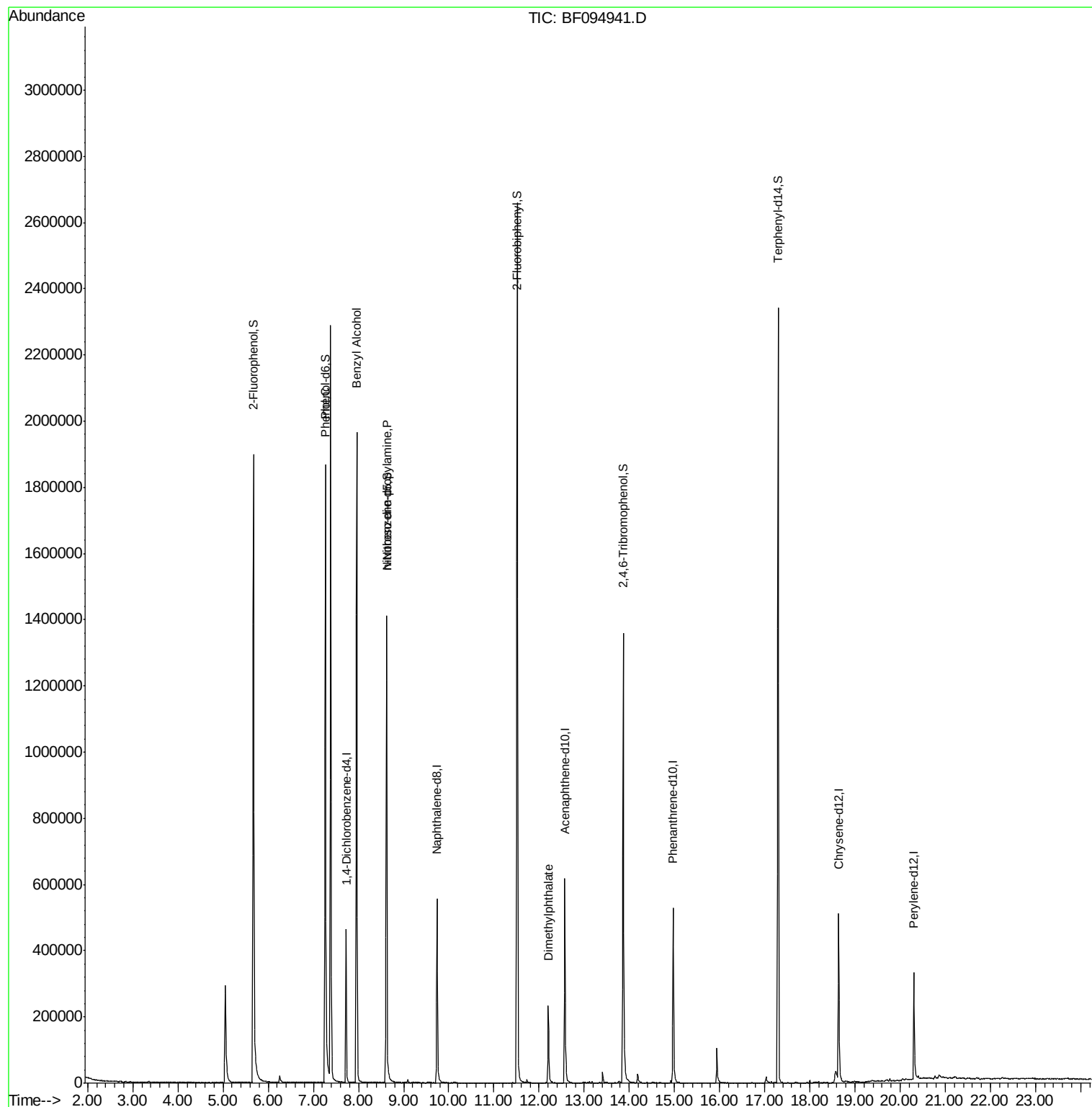
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	100989	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	398154	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	192026	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	313811	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	254216	20.00	ng	-0.02
86) Perylene-d12	20.31	264	176144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	903710	149.19	ng	0.00
7) Phenol-d6	7.27	99	1114015	153.28	ng	-0.01
23) Nitrobenzene-d5	8.62	82	653391	103.48	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	246477	156.73	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1227463	92.01	ng	-0.01
78) Terphenyl-d14	17.30	244	945302	81.90	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	21127	2.76	ng	# 63
15) Benzyl Alcohol	7.96	79	9720	2.08	ng	# 44
19) n-Nitroso-di-n-propylamine	8.62	70	85685	17.43	ng	# 74
49) Dimethylphthalate	12.21	163	152227	9.66	ng	98

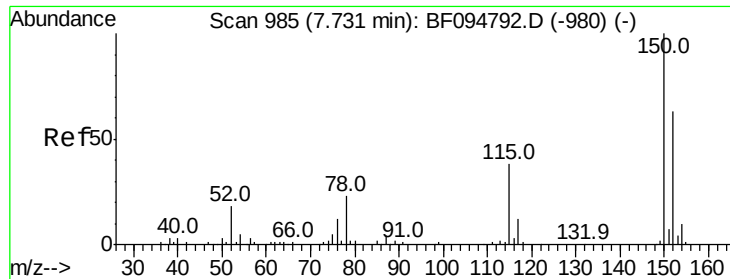
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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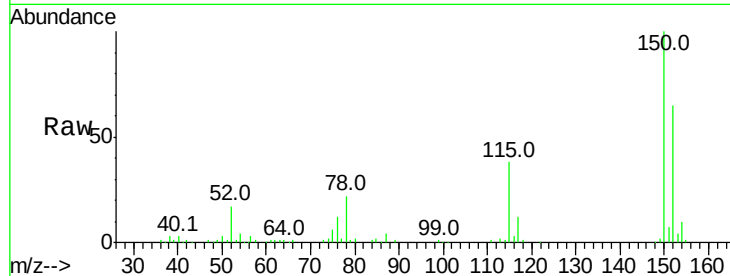


#1

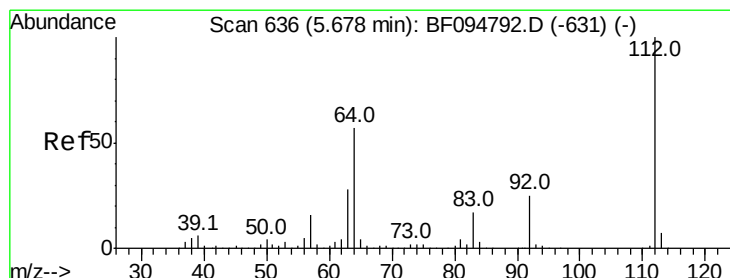
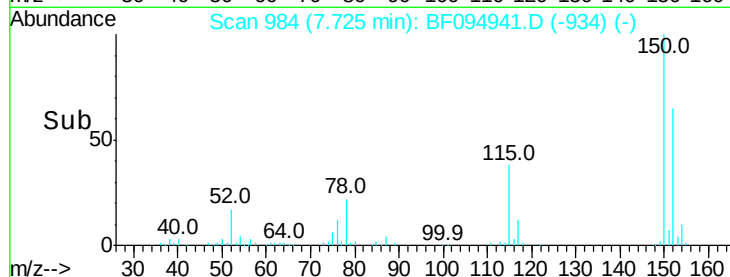
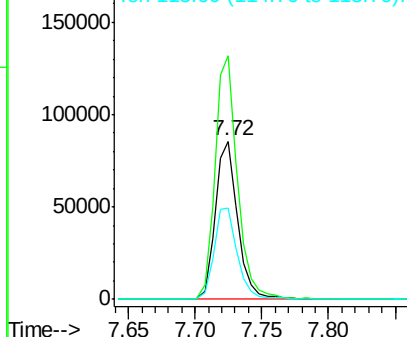
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094941.D
Acq: 6 May 2017 4:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100989
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 57.8 52.2 78.2



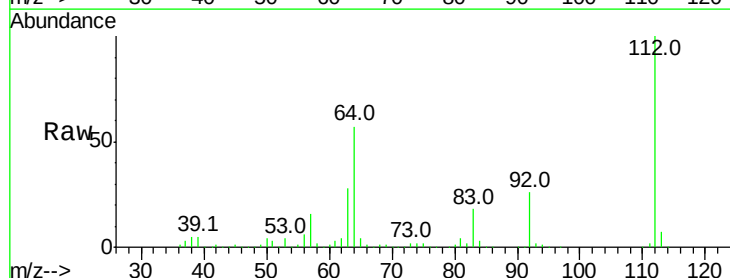
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



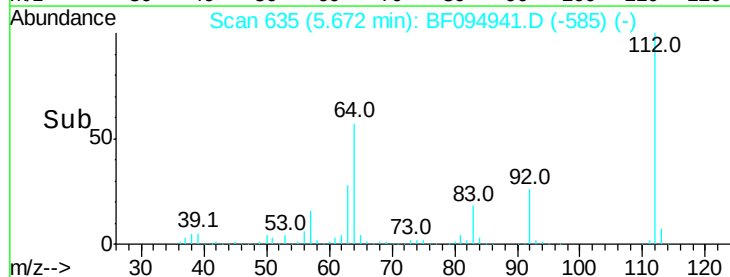
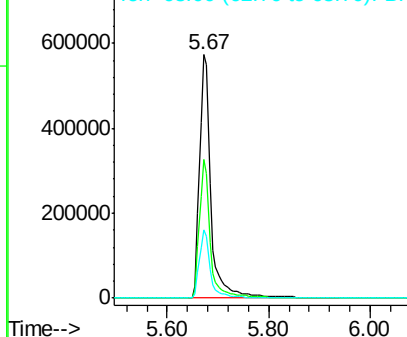
#5

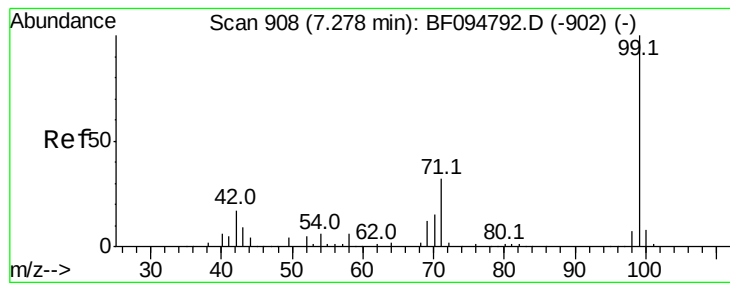
2-Fluorophenol
Concen: 149.19 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094941.D
Acq: 6 May 2017 4:15

Tgt Ion:112 Resp: 903710
Ion Ratio Lower Upper
112 100
64 57.2 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: 153.28 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

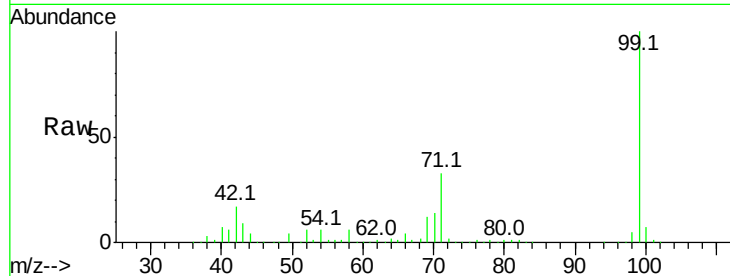
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1114015

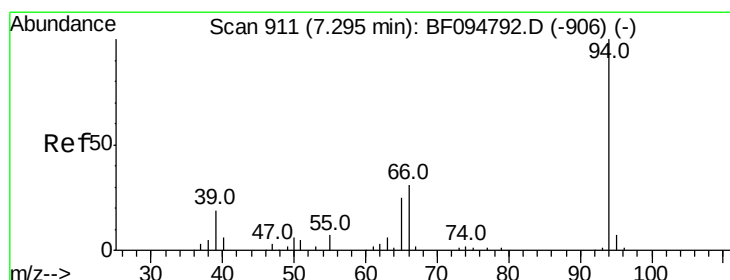
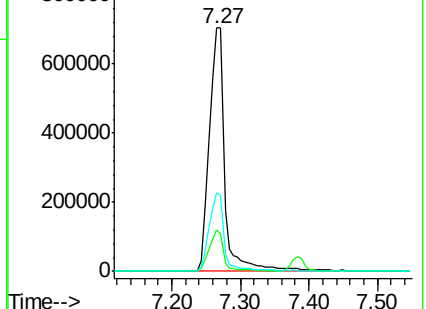
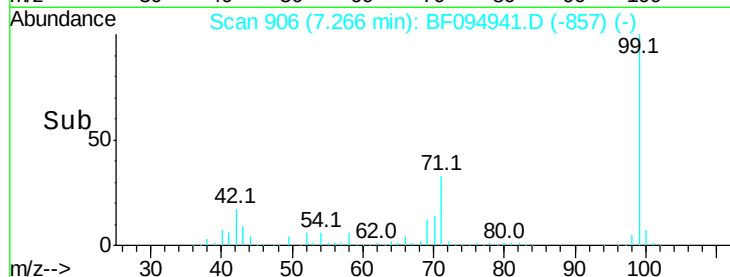
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	32.5	24.5	36.7



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: 2.76 ng

RT: 7.28 min Scan# 908

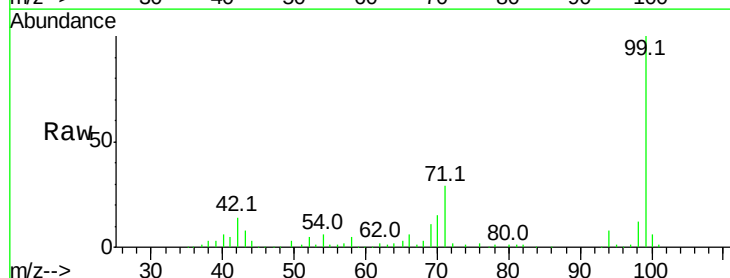
Delta R.T. -0.02 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

Tgt Ion: 94 Resp: 21127

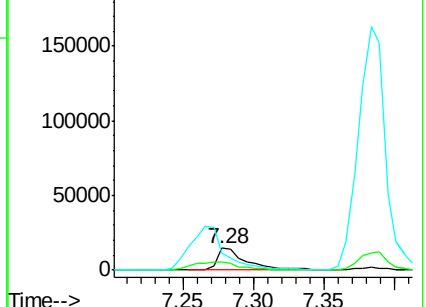
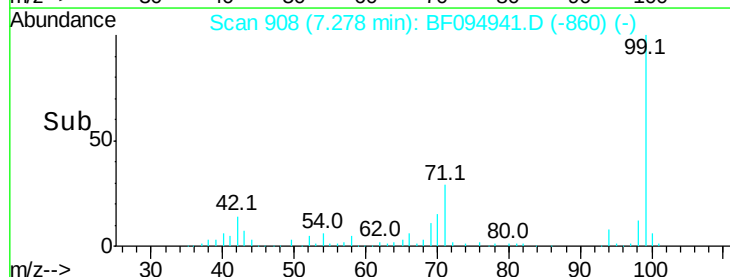
Ion	Ratio	Lower	Upper
94	100		
65	37.5	9.9	49.9
66	77.4	23.1	63.1

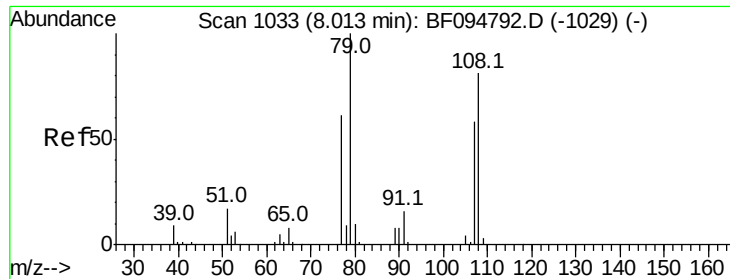


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

Instrument :

BNA_F

ClientSampleId :

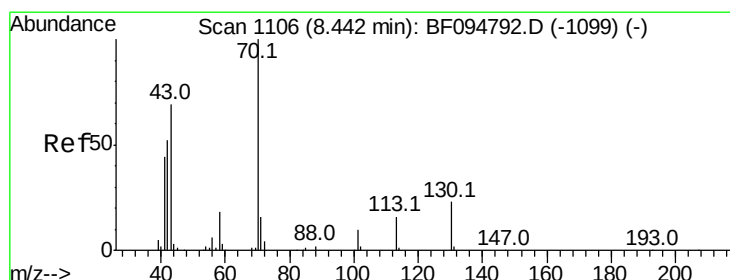
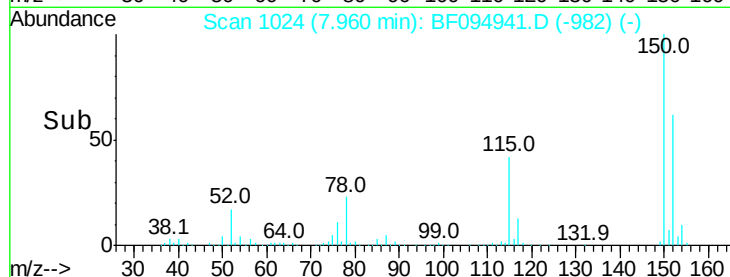
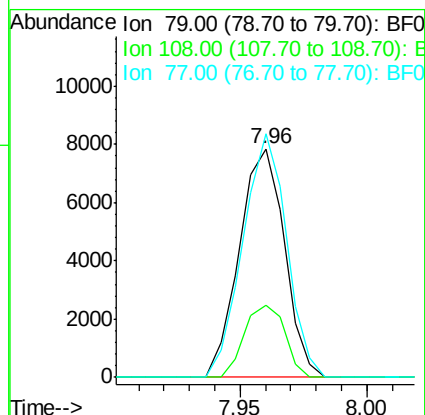
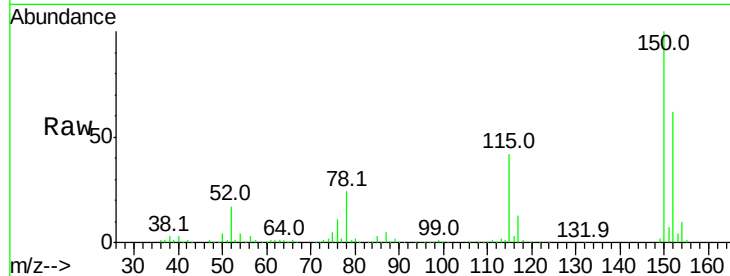
Tot Ion: 79 Resp: 9720

Ion Ratio Lower Upper

79 100

108 31.5 63.4 95.0#

77 106.5 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 17.43 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

Tgt Ion: 70 Resp: 85685

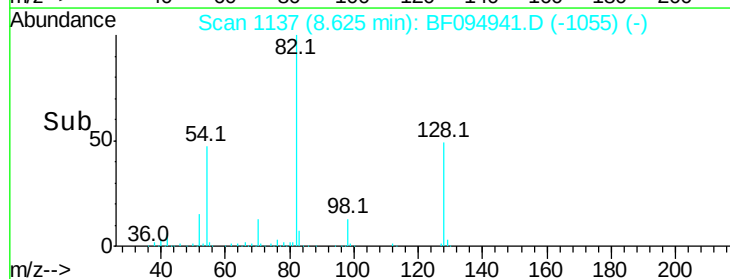
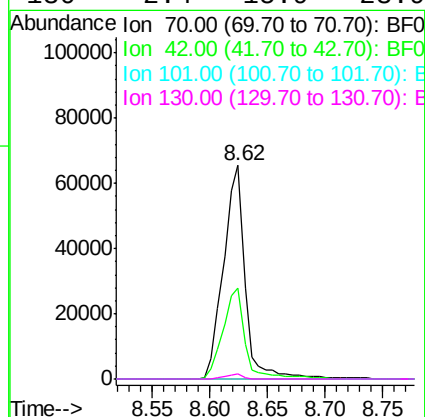
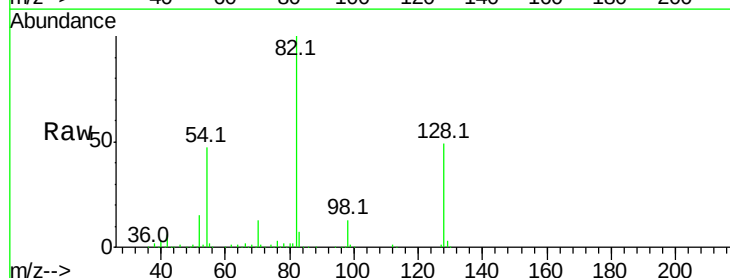
Ion Ratio Lower Upper

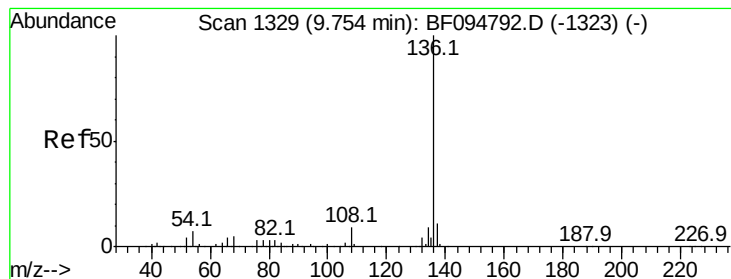
70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 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: BF094941.D

Acq: 6 May 2017 4:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398154

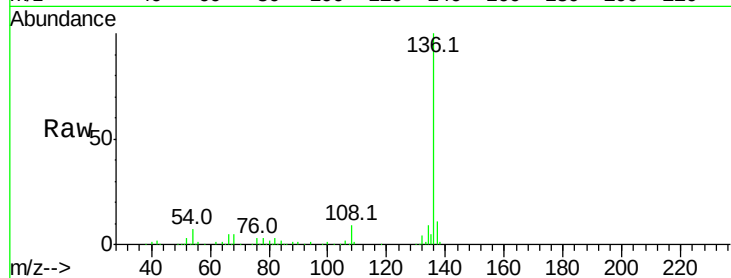
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 4.9 4.1 6.1

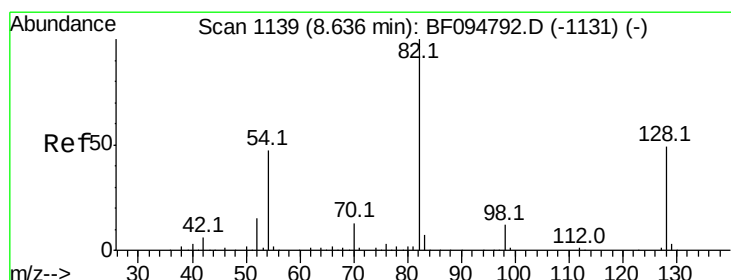
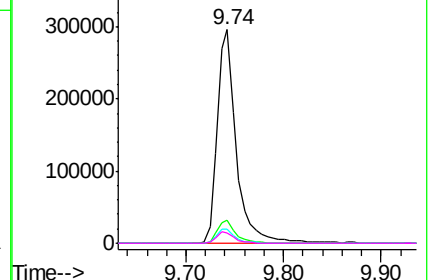
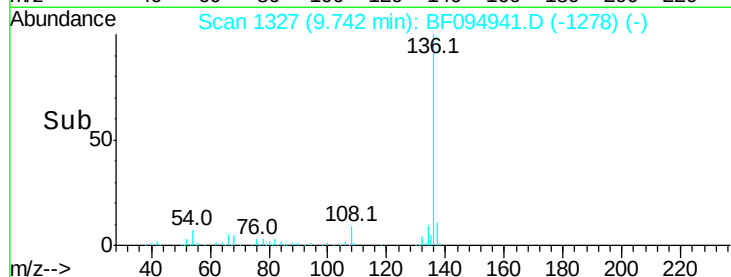


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.48 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

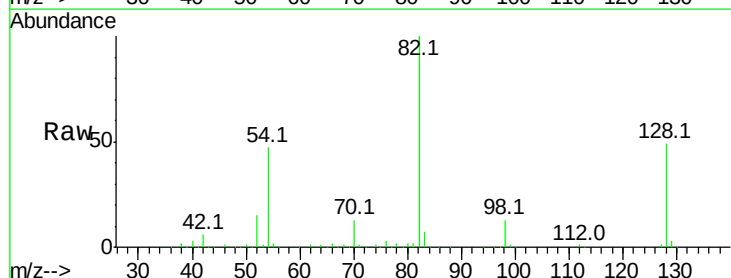
Tgt Ion: 82 Resp: 653391

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

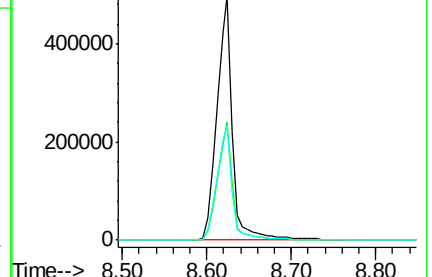
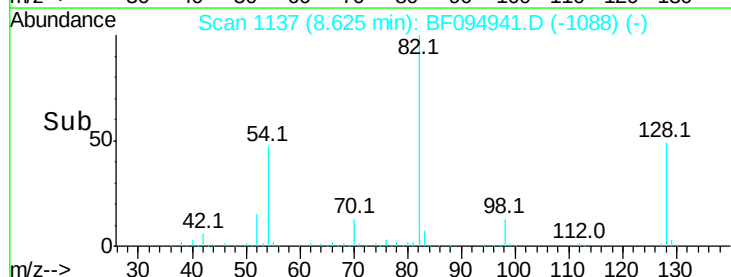
54 46.8 42.2 63.2

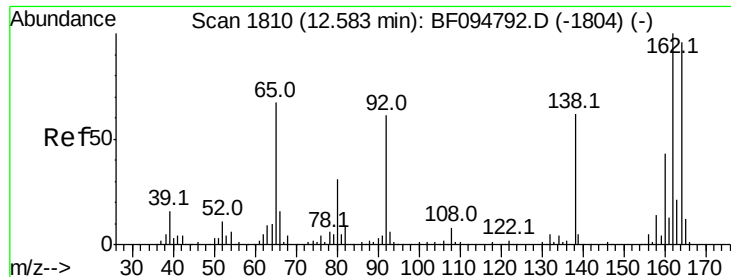


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094941.D

Acq: 6 May 2017 4:15

Instrument :

BNA_F

ClientSampleId :

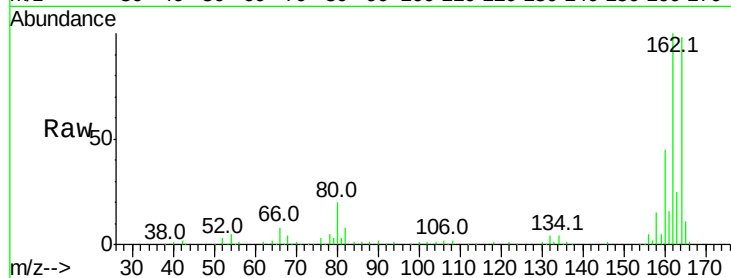
Tot Ion:164 Resp: 192026

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

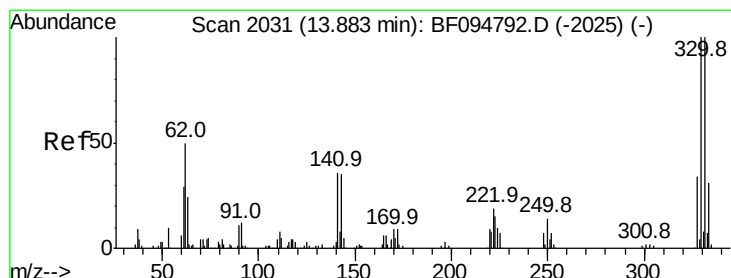
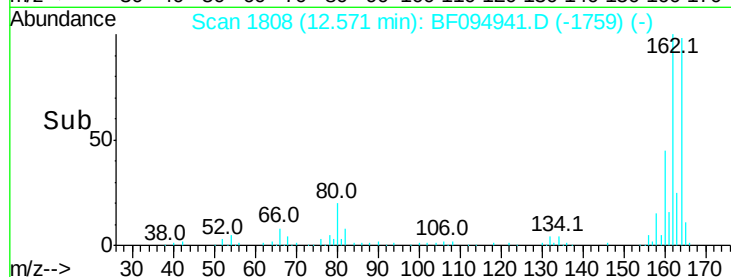
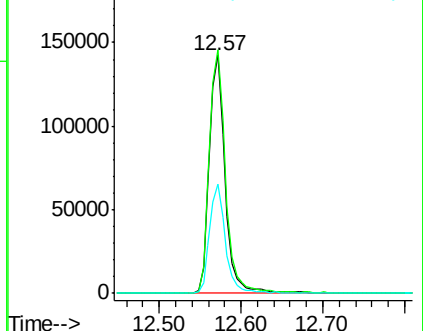
160 45.8 36.2 54.2



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: 156.73 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094941.D

Acq: 6 May 2017 4:15

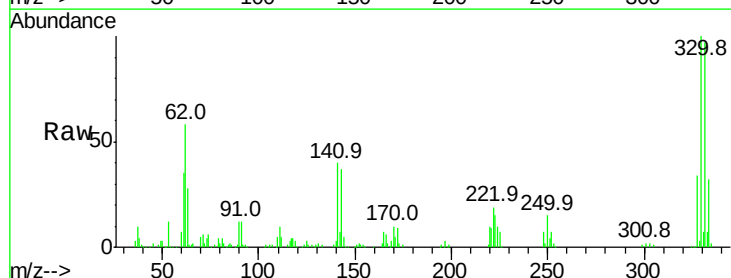
Tgt Ion:330 Resp: 246477

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

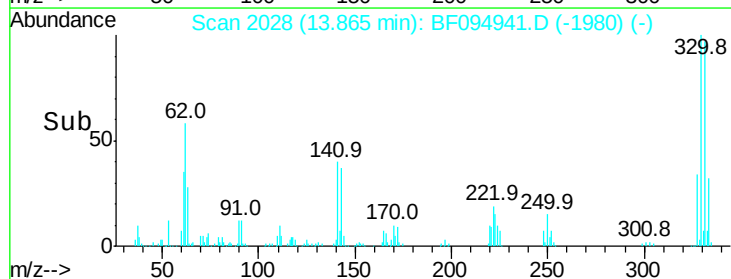
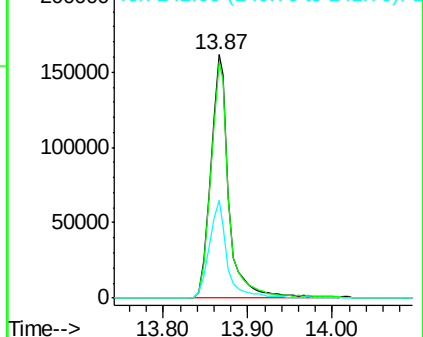
141 38.9 31.4 47.2

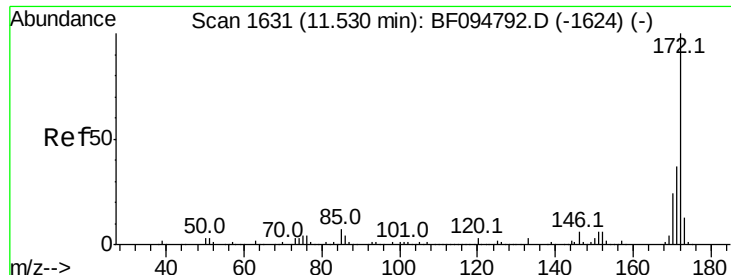


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



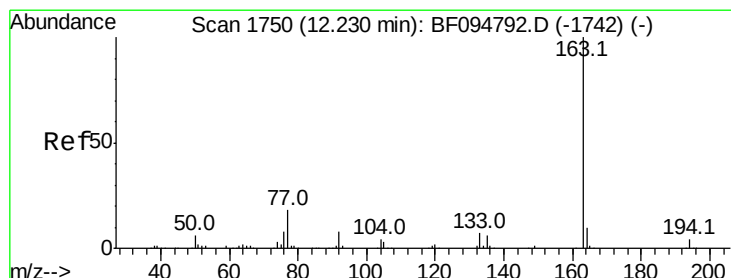
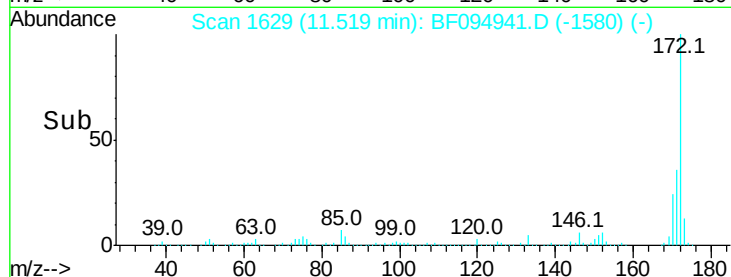
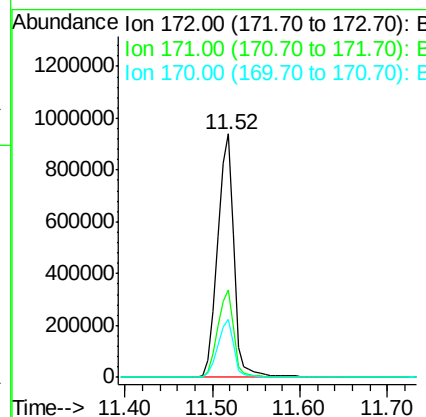
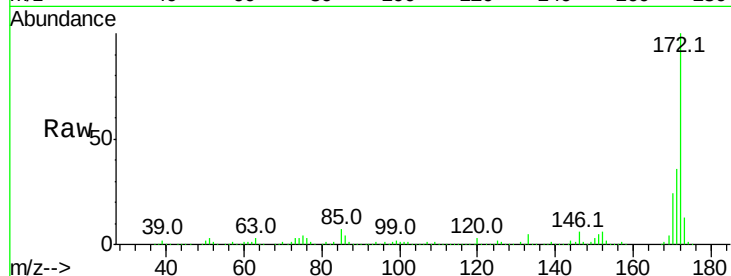


#44
 2-Fluorobiphenyl
 Concen: 92.01 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094941.D
 Acq: 6 May 2017 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1227463

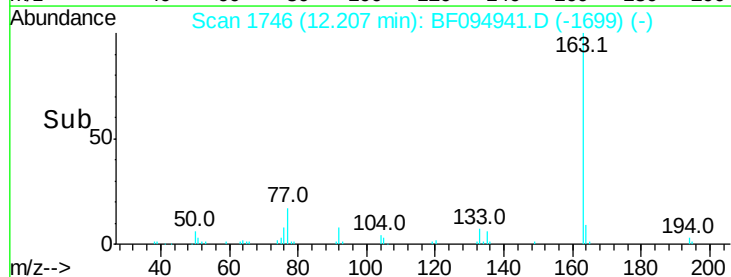
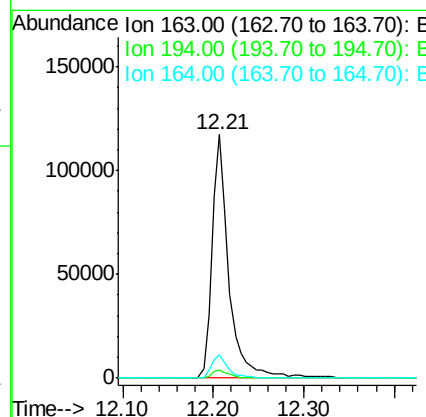
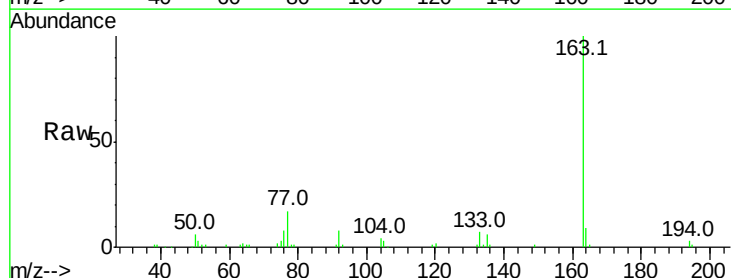
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

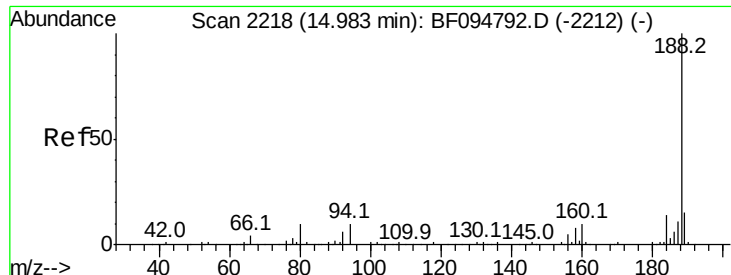


#49
 Dimethylphthalate
 Concen: 9.66 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094941.D
 Acq: 6 May 2017 4:15

Tgt Ion:163 Resp: 152227

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6

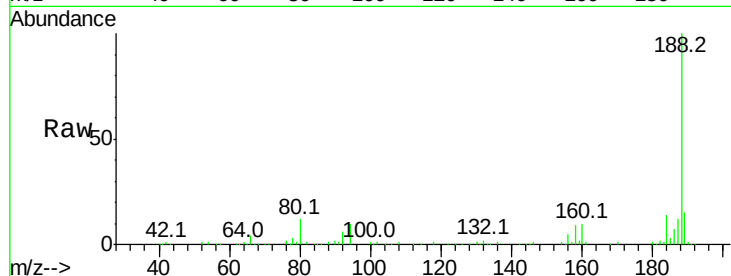




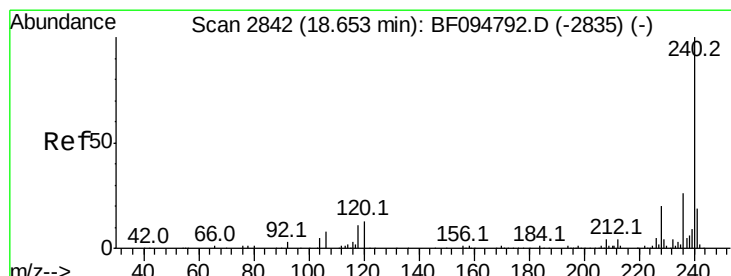
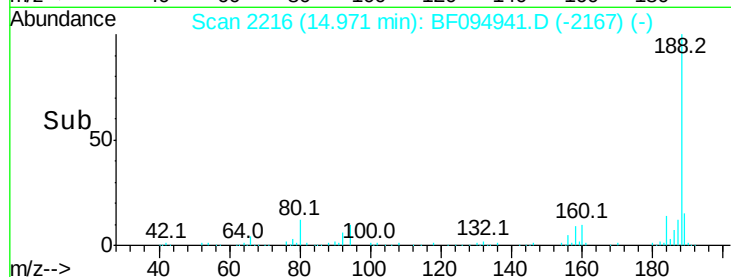
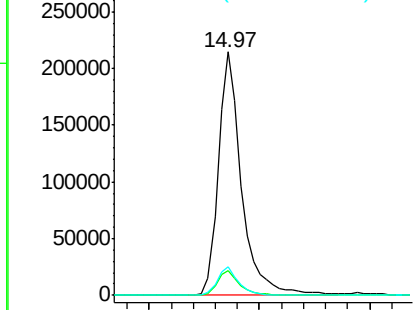
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094941.D
 Acq: 6 May 2017 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	188	Resp	313811
Ion Ratio	100	Lower	Upper
94	10.3	9.4	14.2
80	11.6	10.2	15.2

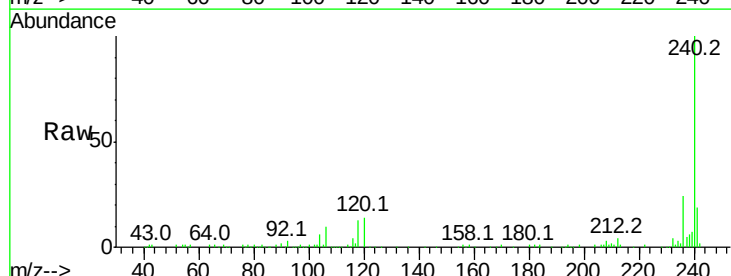


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

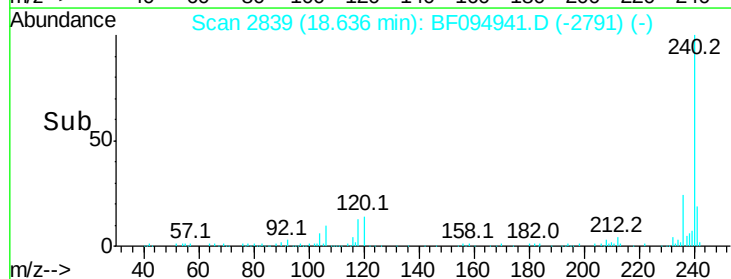
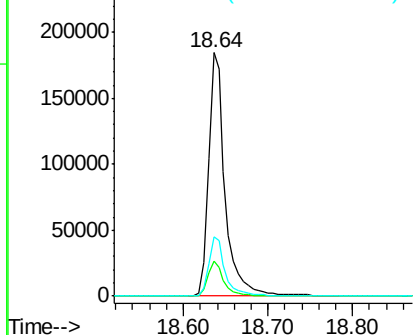


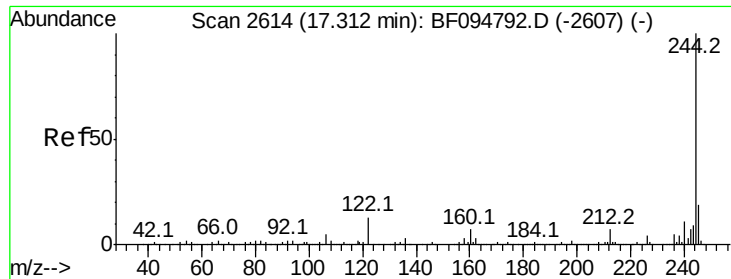
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094941.D
 Acq: 6 May 2017 4:15

Tgt Ion	240	Resp	254216
Ion Ratio	100	Lower	Upper
120	14.4	5.8	8.8#
236	24.2	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

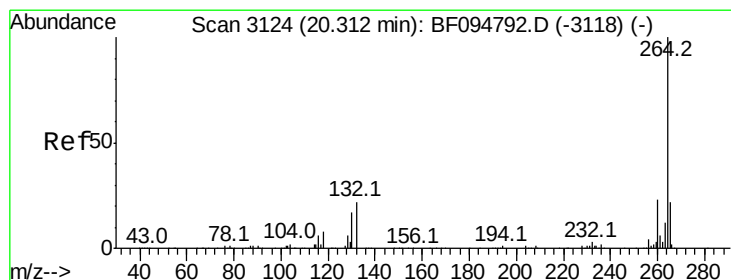
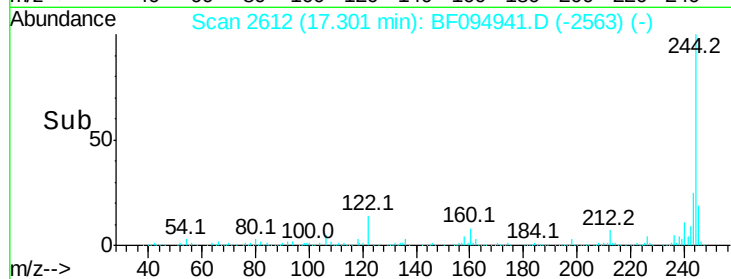
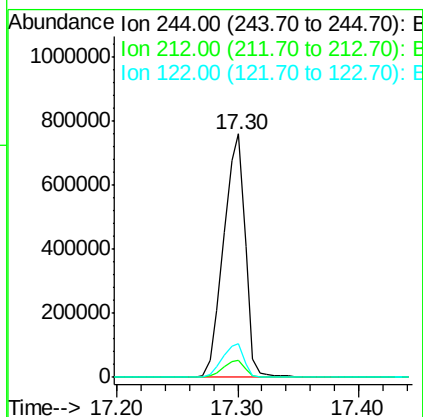
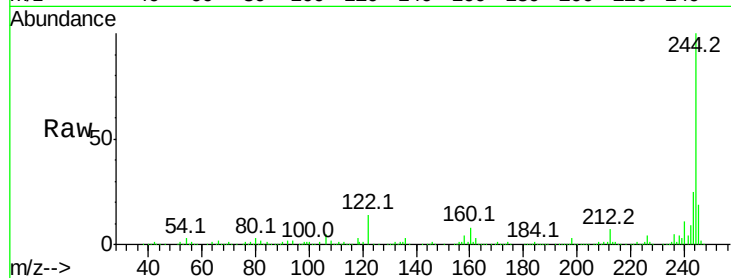




#78
 Terphenyl-d14
 Concen: 81.90 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094941.D
 Acq: 6 May 2017 4:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 945302
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.8 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: BF094941.D
 Acq: 6 May 2017 4:15

Tgt Ion:264 Resp: 176144
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 20.1 17.2 25.8

