

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094965.D
 Acq On : 8 May 2017 3:03
 Operator : SJ/MA
 Sample : I2947-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:57:21 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

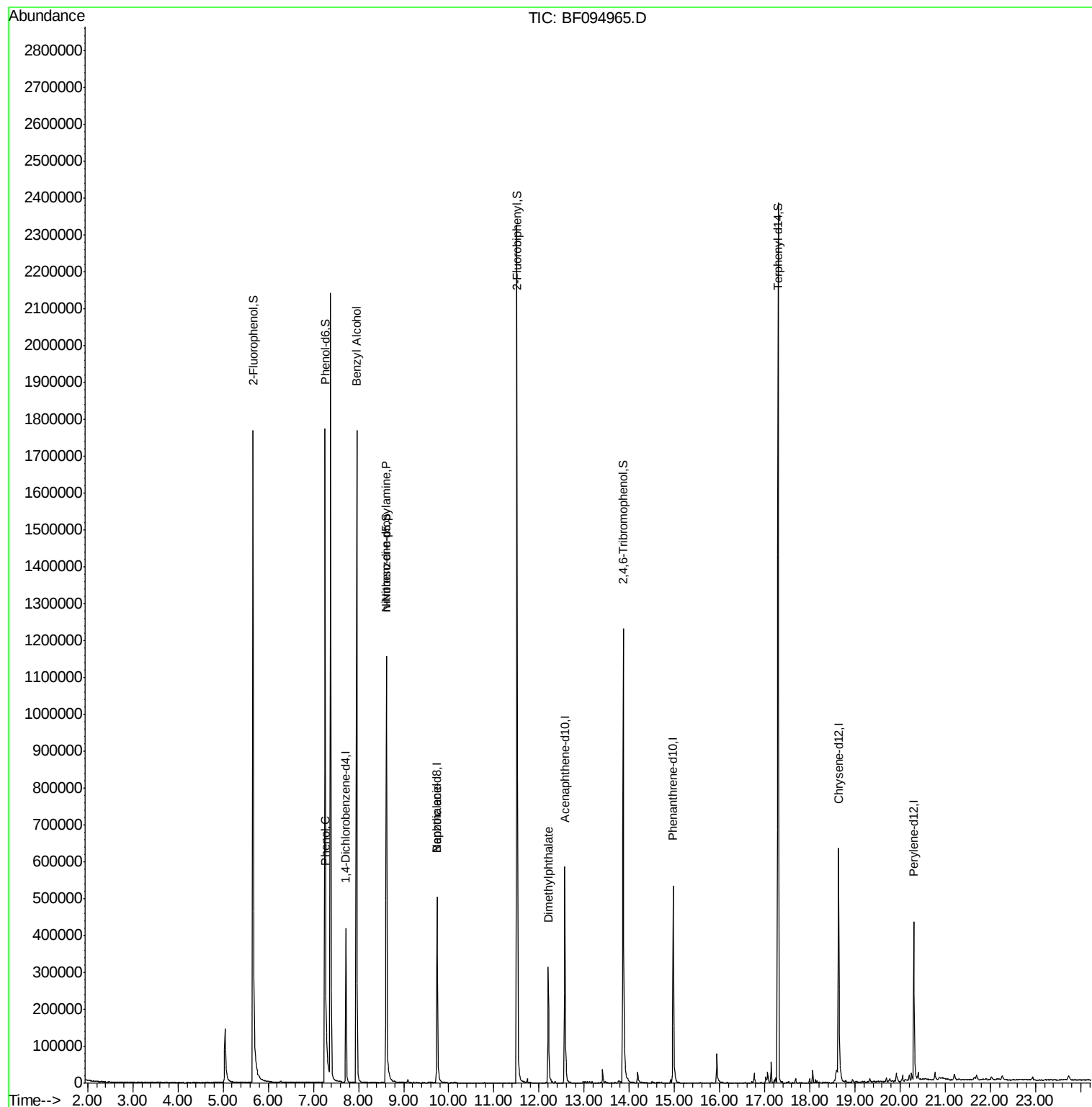
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	89203	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	379741	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	180482	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	314877	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	274812	20.00	ng	-0.02
86) Perylene-d12	20.30	264	221167	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	844752	157.88	ng	-0.01
7) Phenol-d6	7.26	99	1035376	161.28	ng	-0.02
23) Nitrobenzene-d5	8.62	82	576459	95.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	223514	151.22	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1115598	88.97	ng	-0.02
78) Terphenyl-d14	17.30	244	957238	76.72	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	24103	3.56	ng	Qvalue 93
15) Benzyl Alcohol	7.96	79	9417	2.28	ng	# 43
19) n-Nitroso-di-n-propylamine	8.62	70	72894	16.79	ng	# 76
32) Benzoic acid	9.74	122	131	5.11	ng	# 27
49) Dimethylphthalate	12.21	163	208687	14.08	ng	99

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

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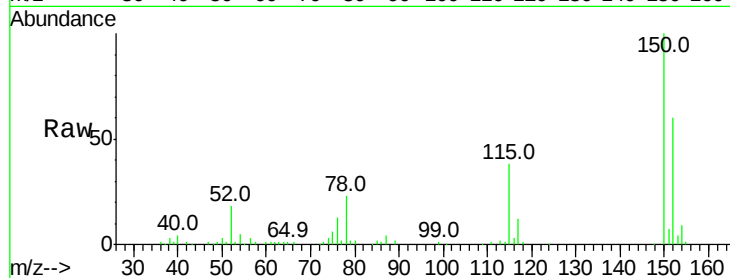


#1

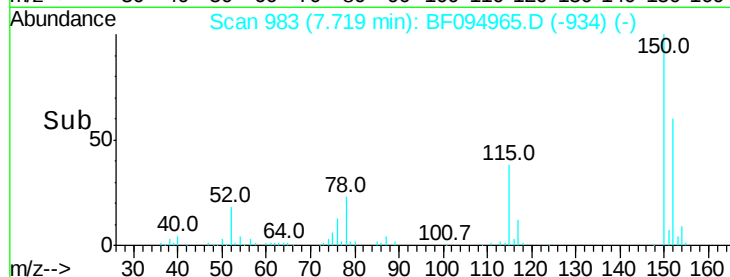
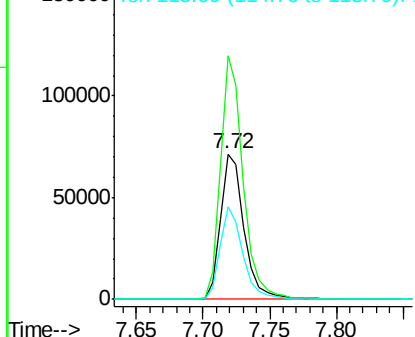
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094965.D
Acq: 8 May 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89203
Ion Ratio Lower Upper
152 100
150 167.2 126.2 189.2
115 63.7 52.2 78.2



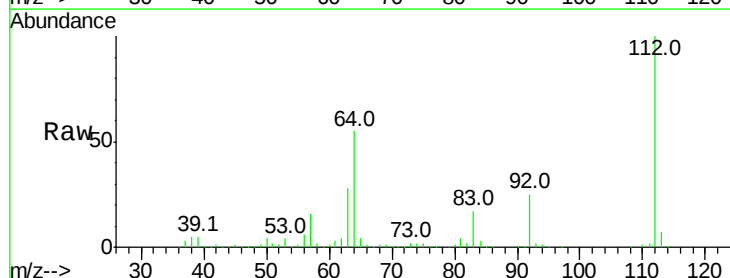
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



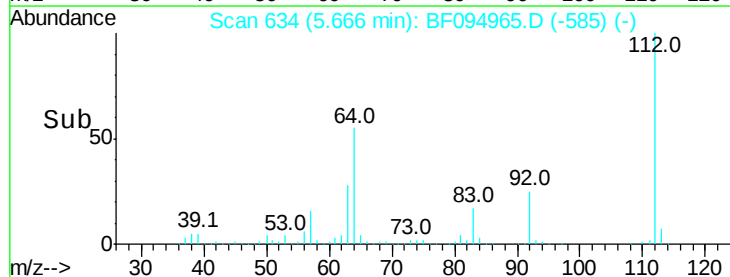
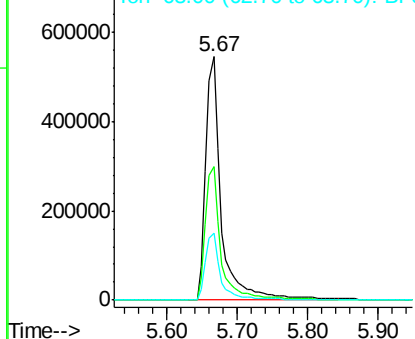
#5

2-Fluorophenol
Concen: 157.88 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094965.D
Acq: 8 May 2017 3:03

Tgt Ion:112 Resp: 844752
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.6 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: 161.28 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

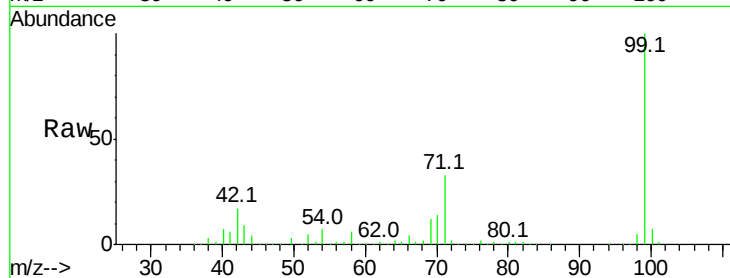
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1035376

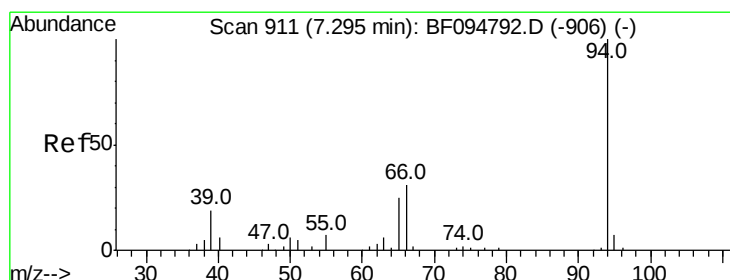
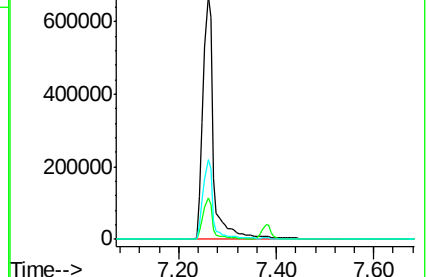
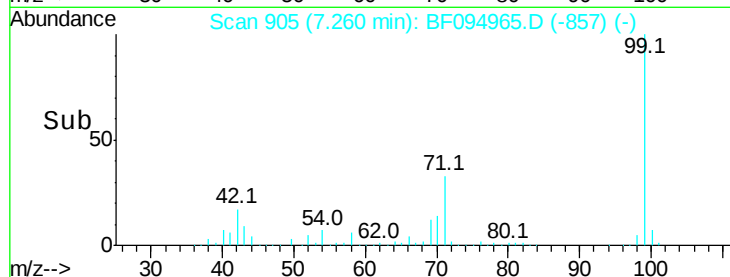
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.9	24.5	36.7



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: 3.56 ng

RT: 7.28 min Scan# 908

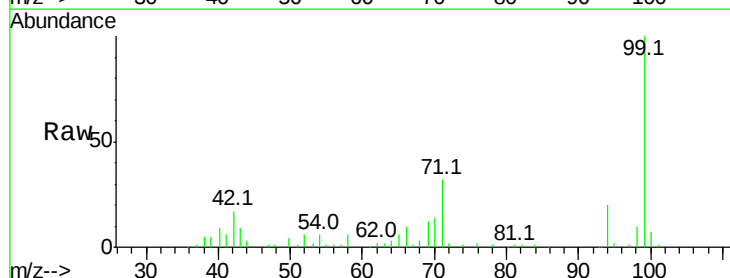
Delta R.T. -0.02 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

Tgt Ion: 94 Resp: 24103

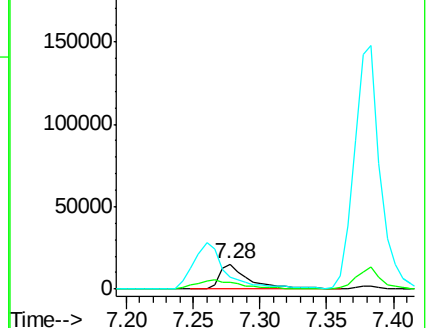
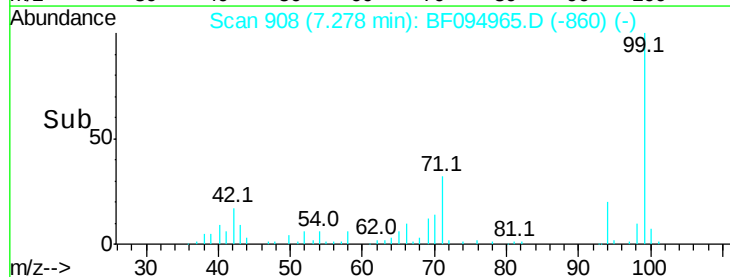
Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.9	49.9
66	50.6	23.1	63.1

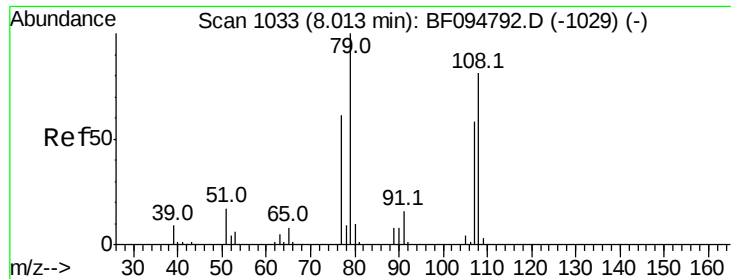


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

Instrument :

BNA_F

ClientSampleId :

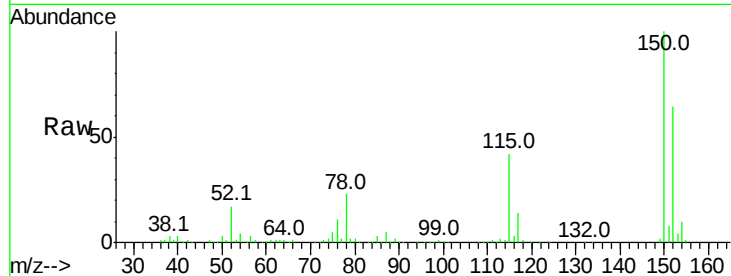
Tot Ion: 79 Resp: 9417

Ion Ratio Lower Upper

79 100

108 31.5 63.4 95.0#

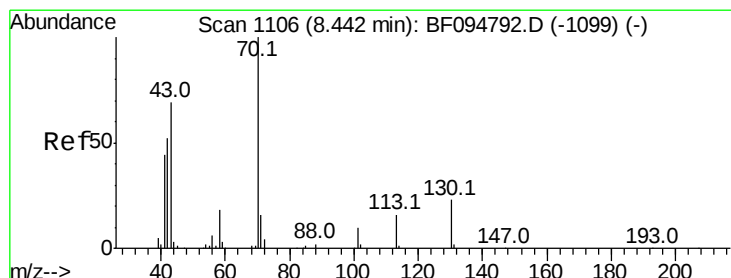
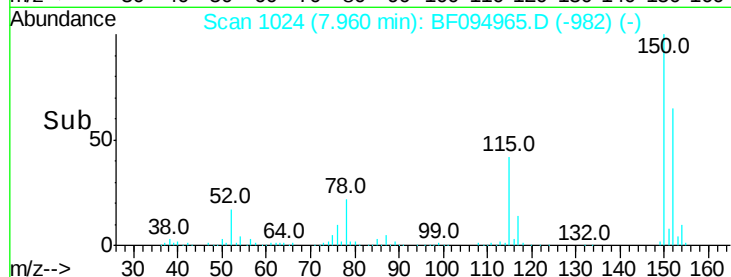
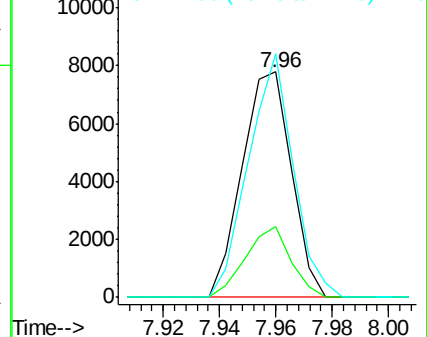
77 108.1 49.2 73.8#



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: 16.79 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

Tgt Ion: 70 Resp: 72894

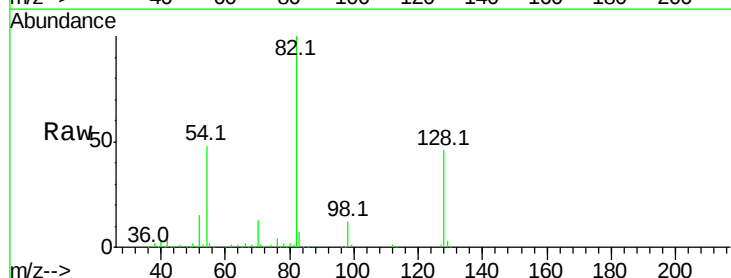
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

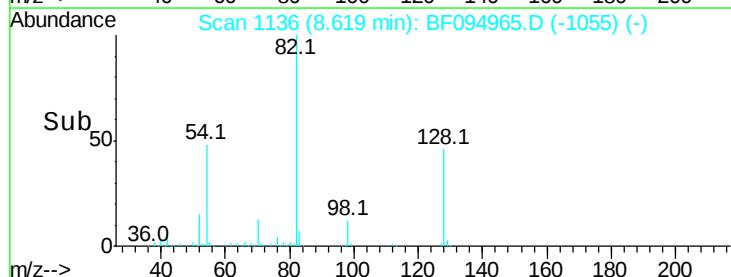
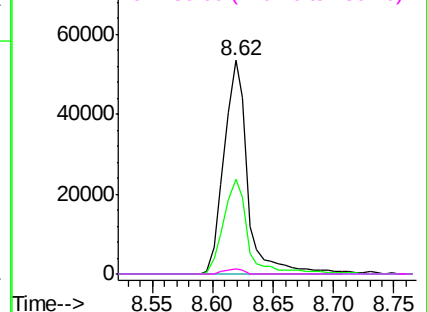


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094965.D

Acq: 8 May 2017 3:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 379741

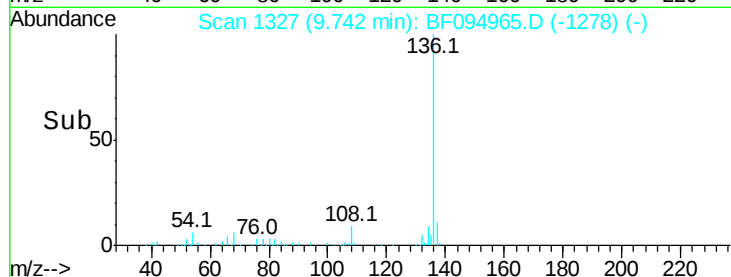
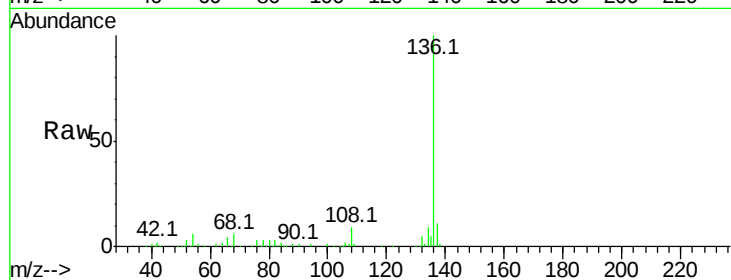
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 4.9 7.3

68 5.5 4.1 6.1

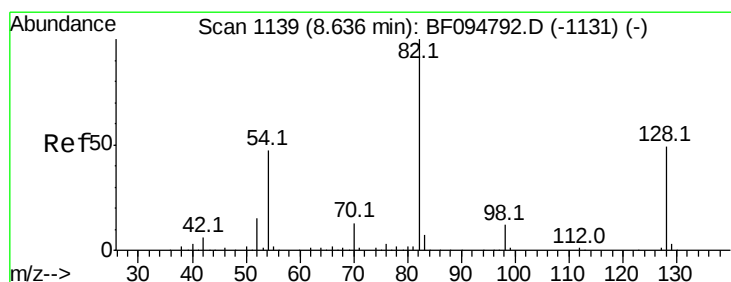
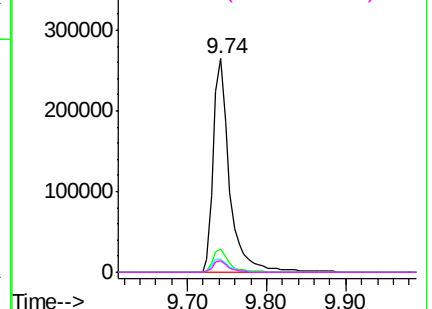


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.72 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

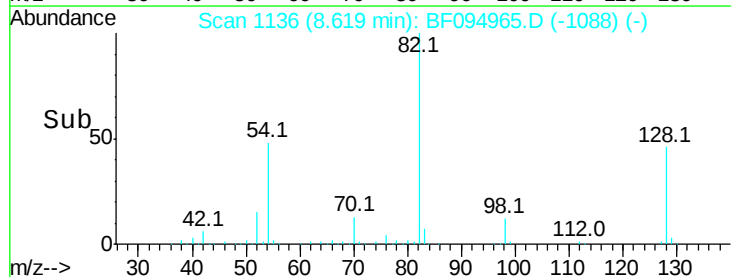
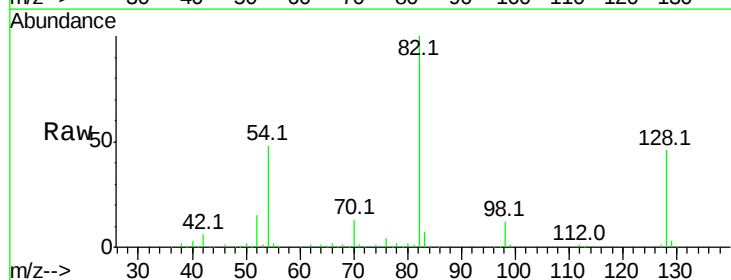
Tgt Ion: 82 Resp: 576459

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

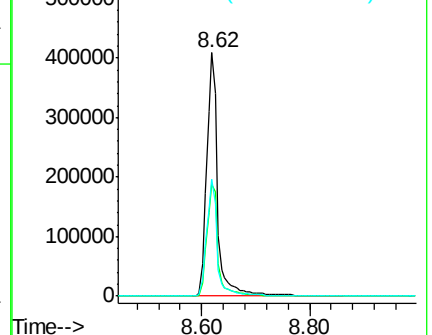
54 48.0 42.2 63.2

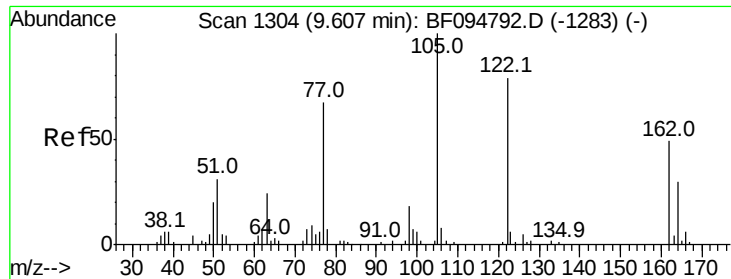


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

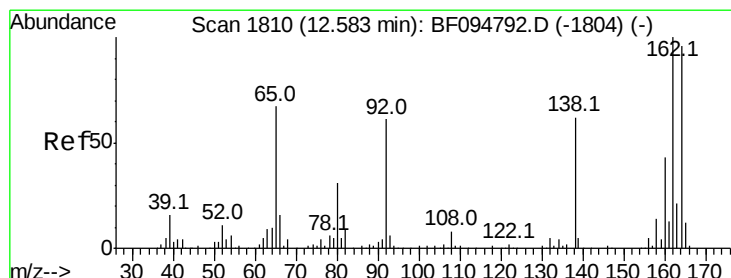
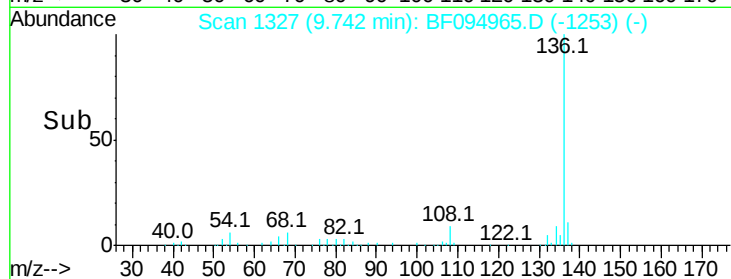
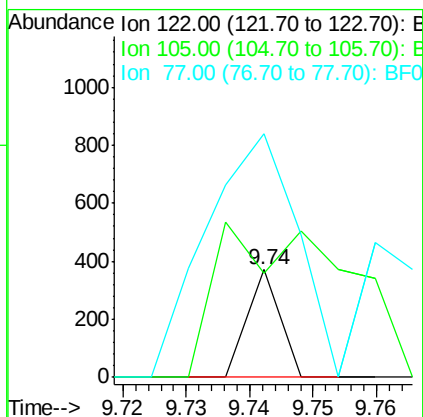
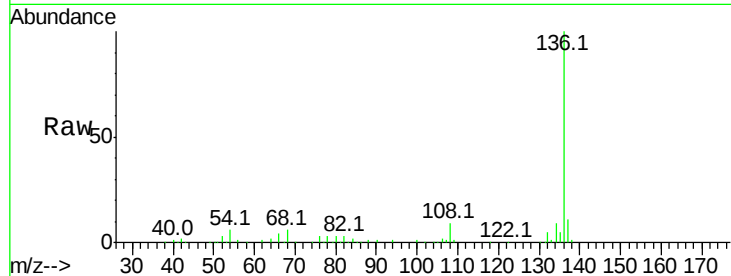




#32
Benzoic acid
Concen: 5.11 ng
RT: 9.74 min Scan# 1327
Delta R.T. 0.14 min
Lab File: BF094965.D
Acq: 8 May 2017 3:03

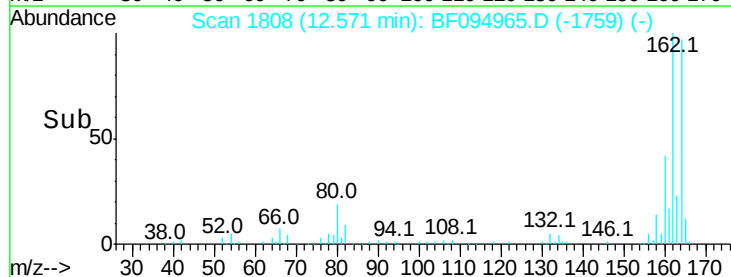
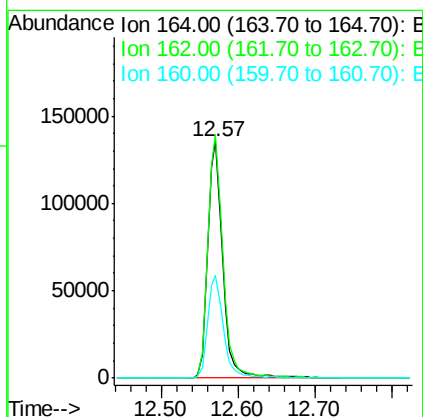
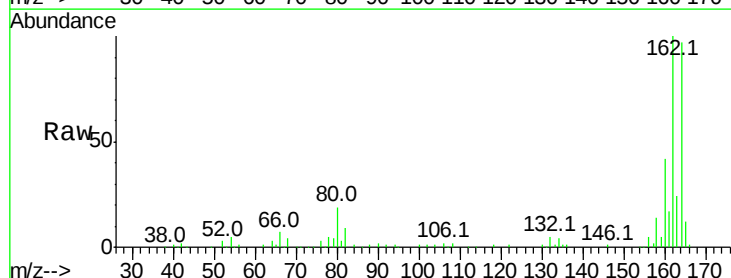
Instrument :
BNA_F
ClientSampled :

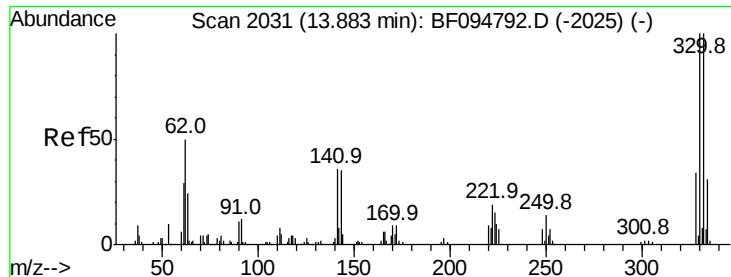
Tot Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 96.8 103.3 143.3#
77 226.8 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094965.D
Acq: 8 May 2017 3:03

Tgt Ion:164 Resp: 180482
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 43.6 36.2 54.2

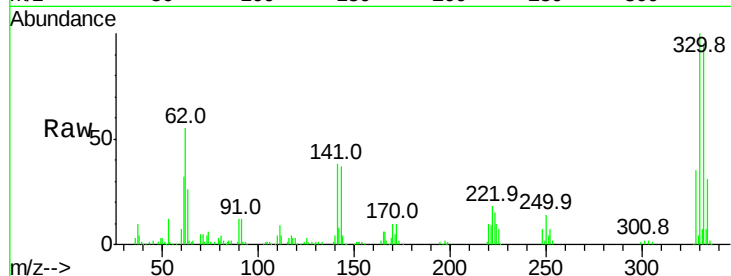




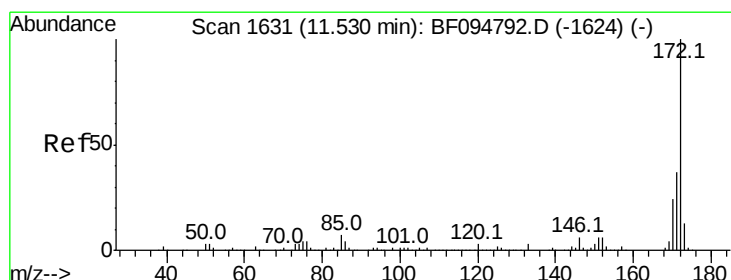
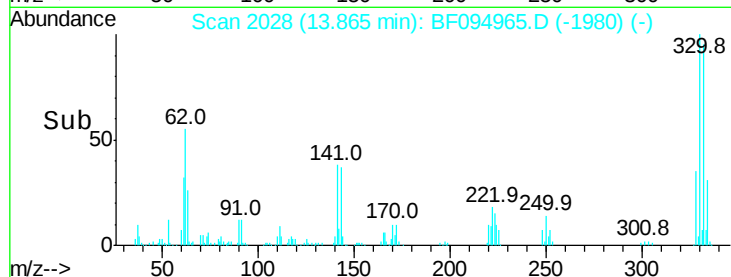
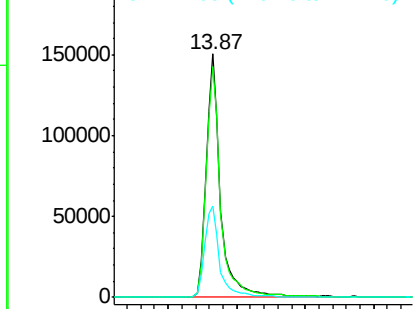
#41
 2,4,6-Tribromophenol
 Concen: 151.22 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094965.D
 Acq: 8 May 2017 3:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223514
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.9 31.4 47.2

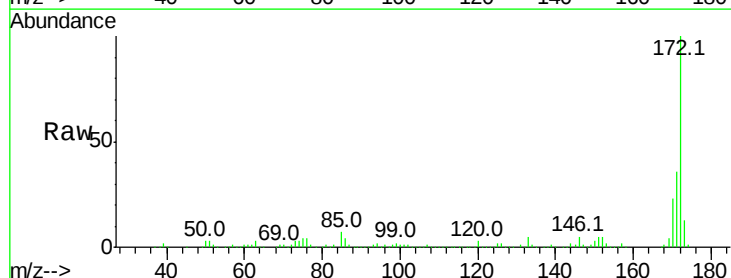


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

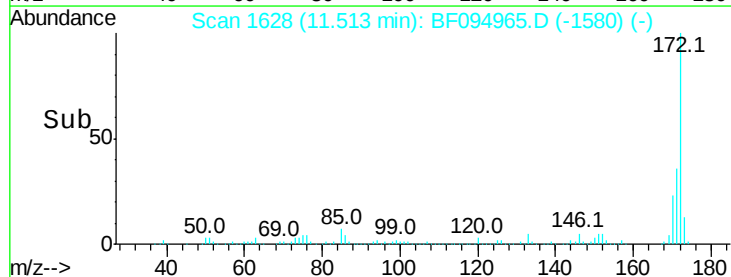
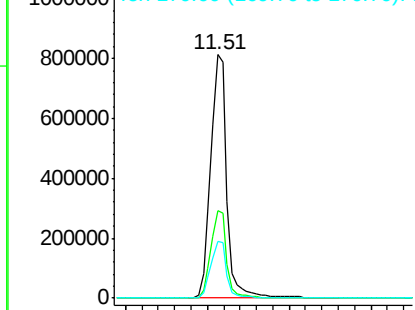


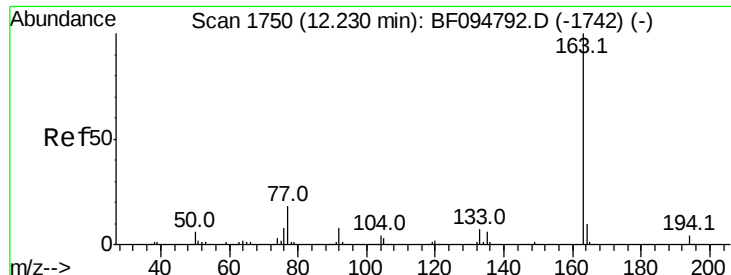
#44
 2-Fluorobiphenyl
 Concen: 88.97 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094965.D
 Acq: 8 May 2017 3:03

Tgt Ion:172 Resp: 1115598
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.4 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: 14.08 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094965.D

Acq: 8 May 2017 3:03

Instrument :

BNA_F

ClientSampleId :

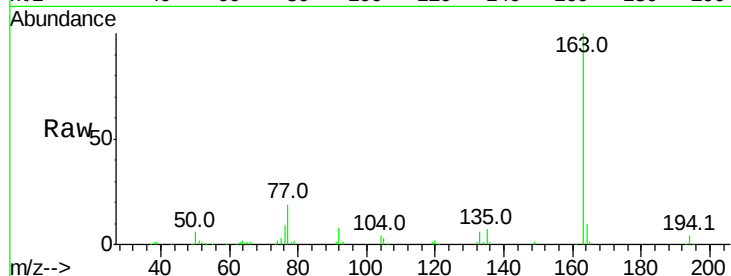
Tot Ion:163 Resp: 208687

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

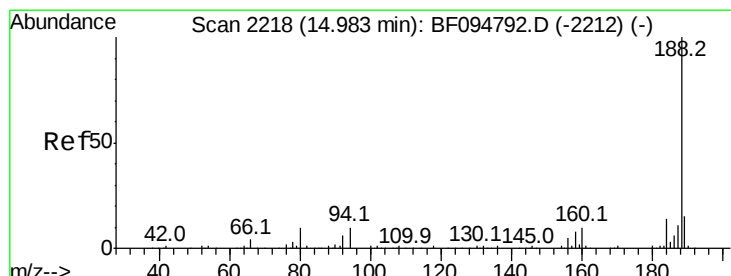
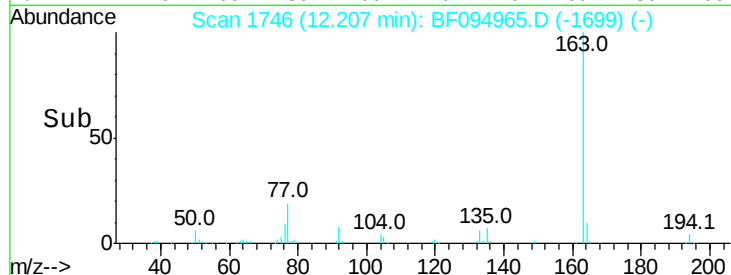
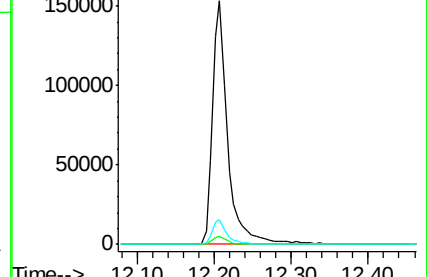
164 10.0 8.4 12.6



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: BF094965.D

Acq: 8 May 2017 3:03

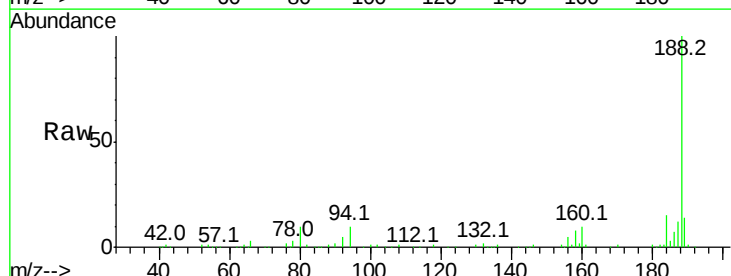
Tgt Ion:188 Resp: 314877

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

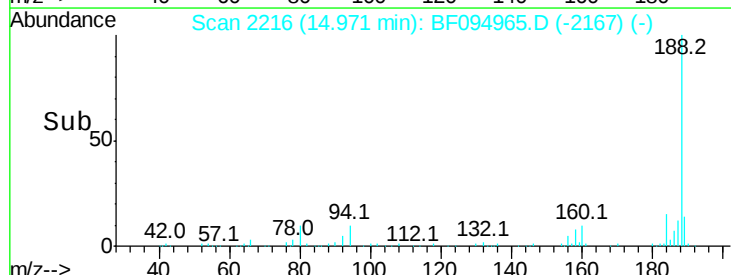
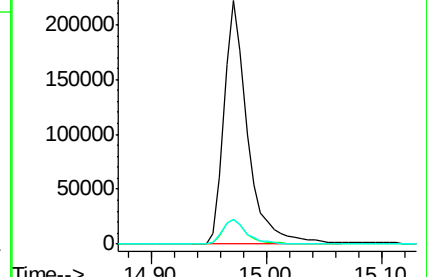
80 10.3 10.2 15.2

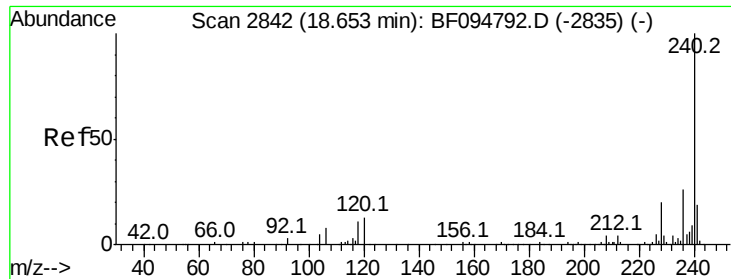


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

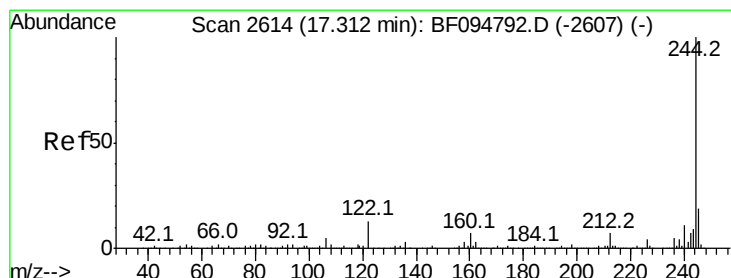
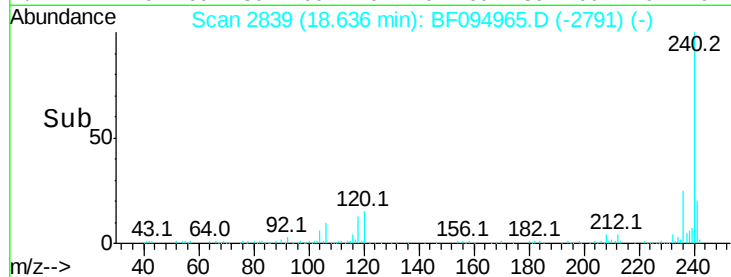
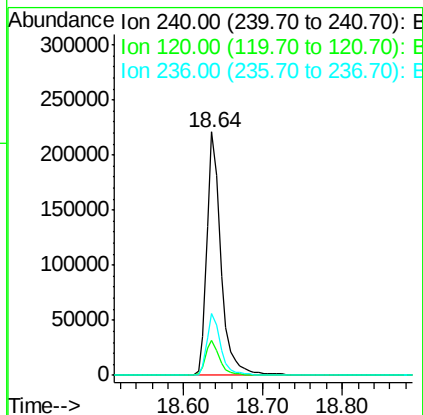
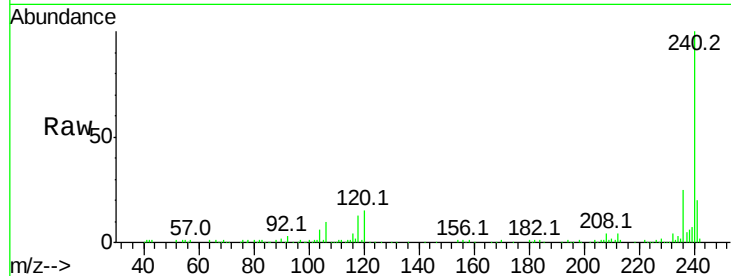




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094965.D
 Acq: 8 May 2017 3:03

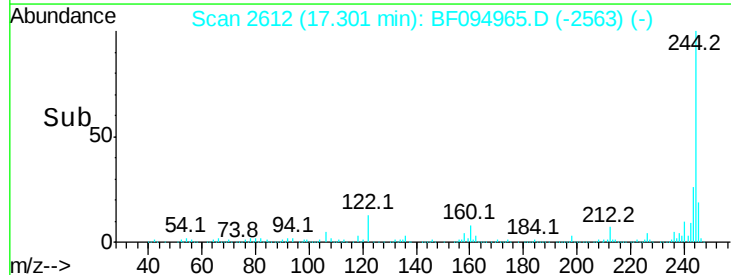
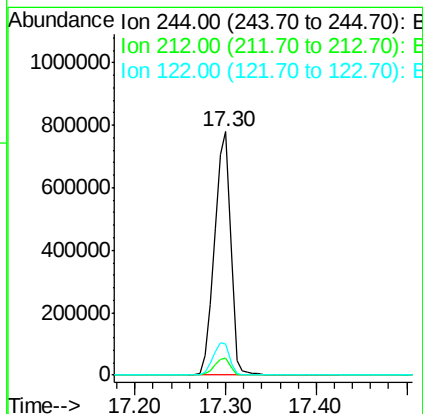
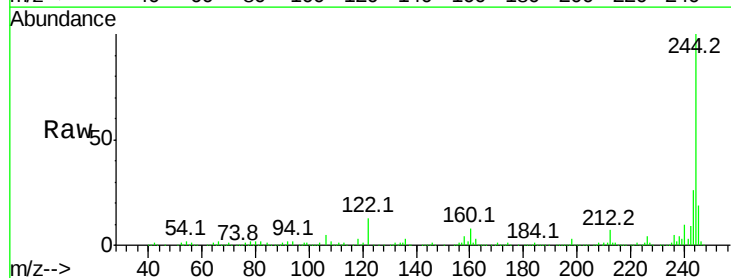
Instrument :
 BNA_F
 ClientSampleId :

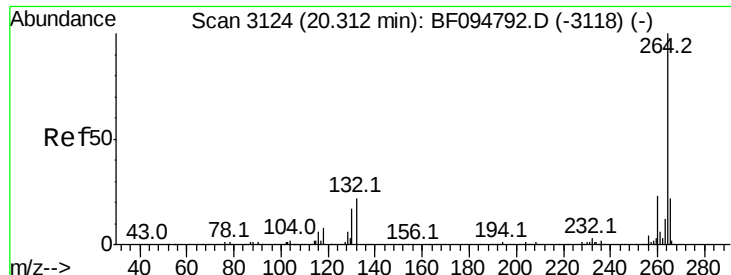
Tot Ion:240 Resp: 274812
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 76.72 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094965.D
 Acq: 8 May 2017 3:03

Tgt Ion:244 Resp: 957238
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.8 10.3 15.5

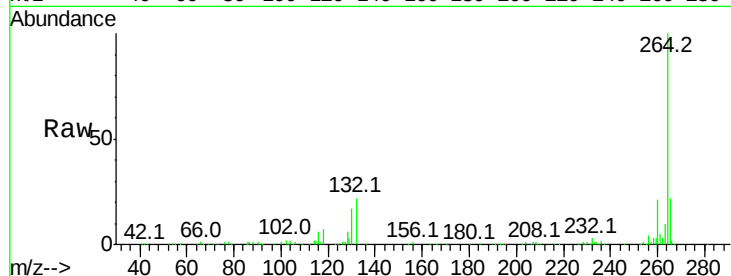




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094965.D
 Acq: 8 May 2017 3:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	19.5	29.3
265	21.9	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

