

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095105.D
 Acq On : 12 May 2017 5:13
 Operator : SJ/MA
 Sample : I3092-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 05:42:16 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

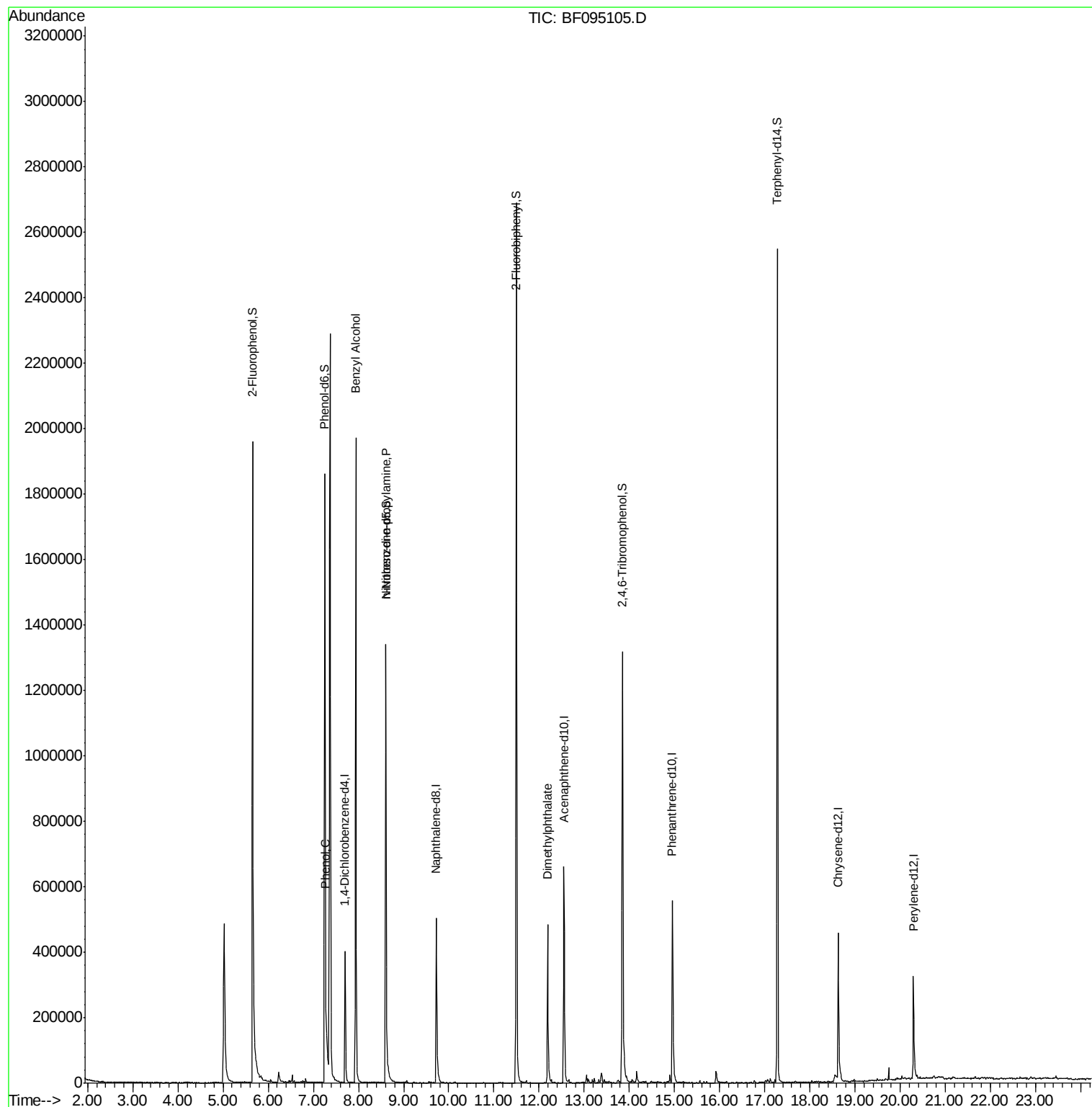
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	90420	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	419800	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	193572	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	363679	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	246465	20.00	ng	-0.02
86) Perylene-d12	20.29	264	180007	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	994497	183.37	ng	-0.02
7) Phenol-d6	7.25	99	1173017	180.26	ng	-0.02
23) Nitrobenzene-d5	8.61	82	702998	105.60	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	251419	158.59	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1235351	91.86	ng	-0.03
78) Terphenyl-d14	17.28	244	1028083	91.88	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	24477	3.57	ng	Qvalue 79
15) Benzyl Alcohol	7.94	79	10661	2.55	ng	# 41
19) n-Nitroso-di-n-propylamine	8.61	70	89039	20.23	ng	# 75
49) Dimethylphthalate	12.19	163	316988	19.95	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: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

Instrument :

BNA_F

ClientSampleId :

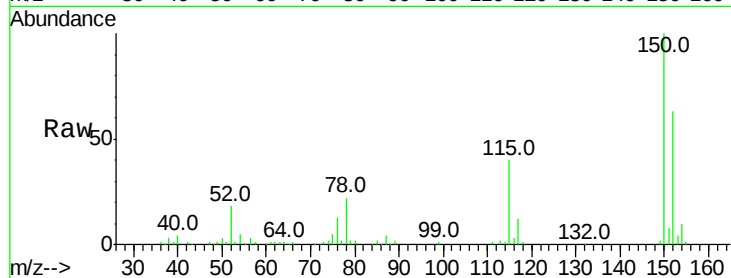
Tot Ion:152 Resp: 90420

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

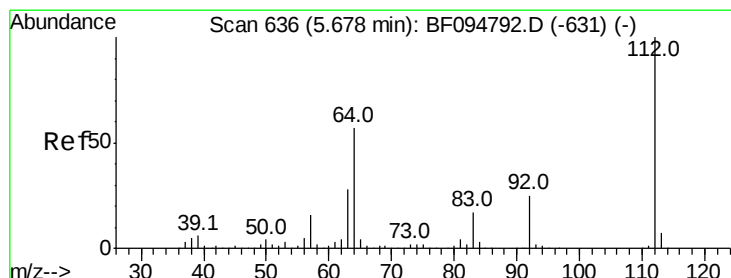
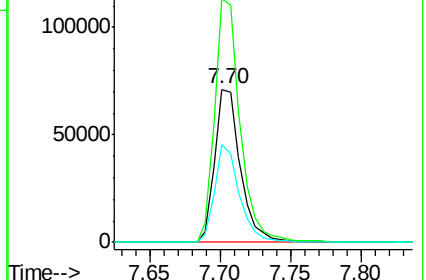
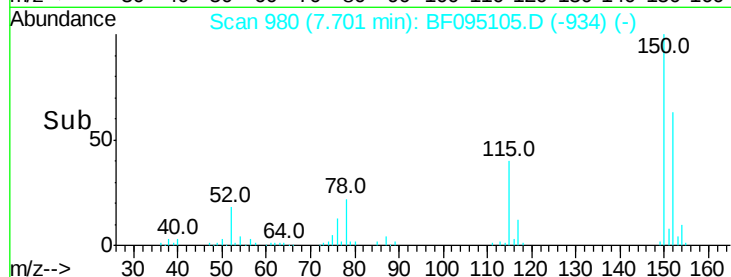
115 64.0 52.2 78.2



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: 183.37 ng

RT: 5.65 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

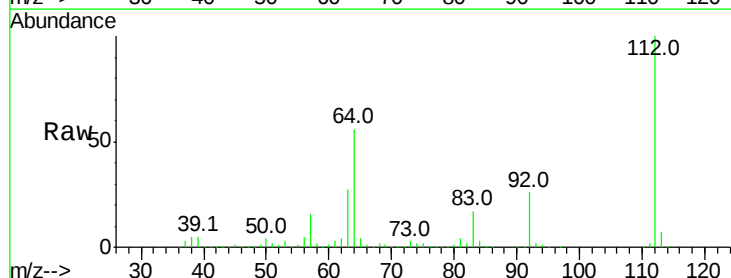
Tgt Ion:112 Resp: 994497

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

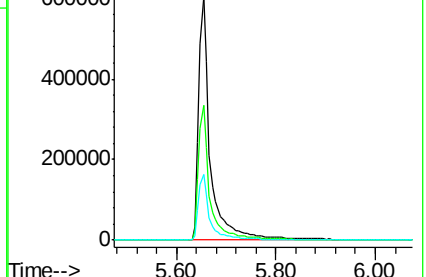
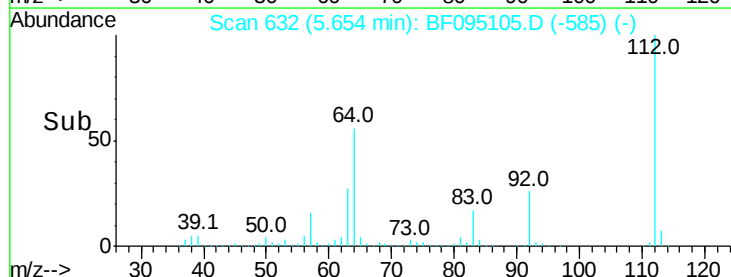
63 26.9 23.4 35.0



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: 180.26 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

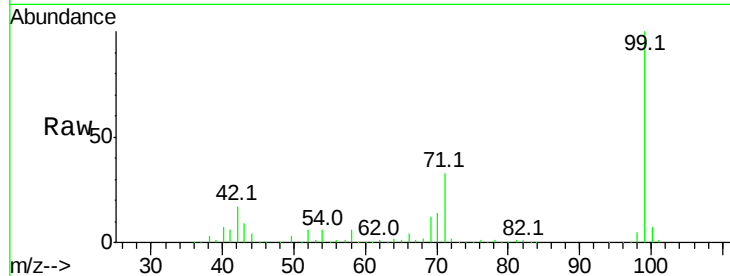
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1173017

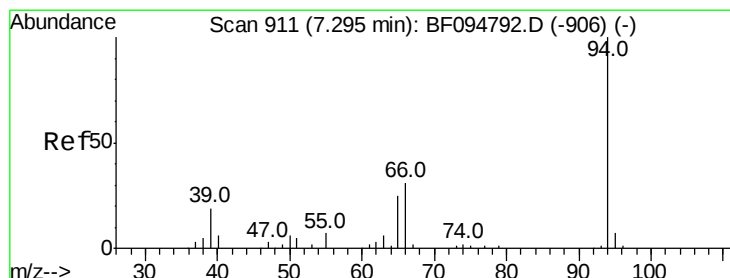
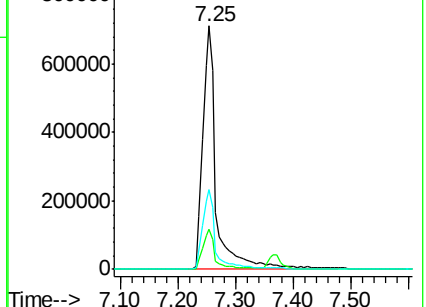
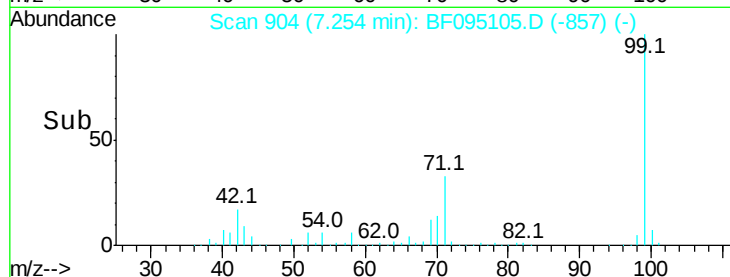
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.6	24.5	36.7



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: 3.57 ng

RT: 7.27 min Scan# 907

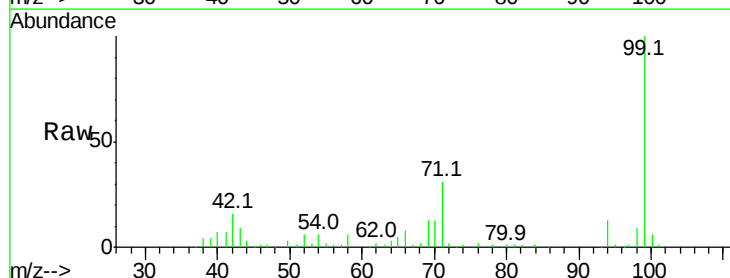
Delta R.T. -0.02 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

Tgt Ion: 94 Resp: 24477

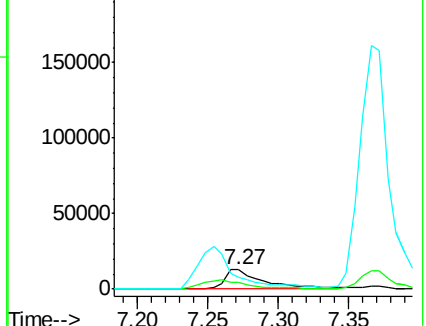
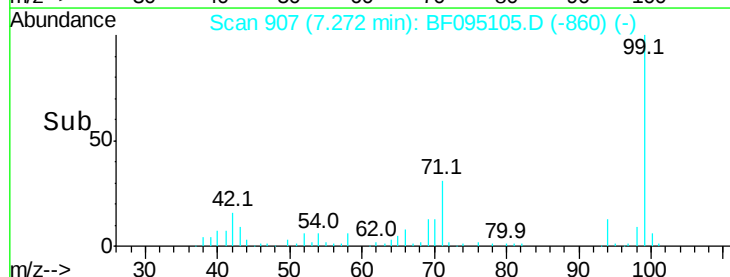
Ion	Ratio	Lower	Upper
94	100		
65	36.3	9.9	49.9
66	61.0	23.1	63.1

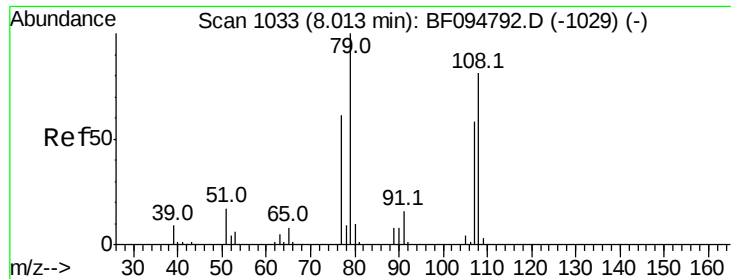


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

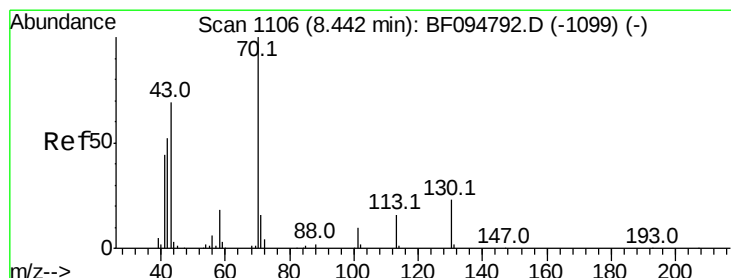
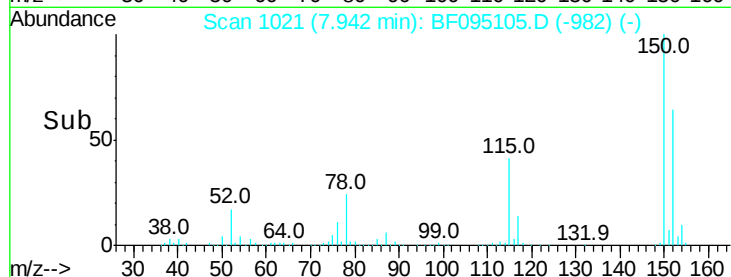
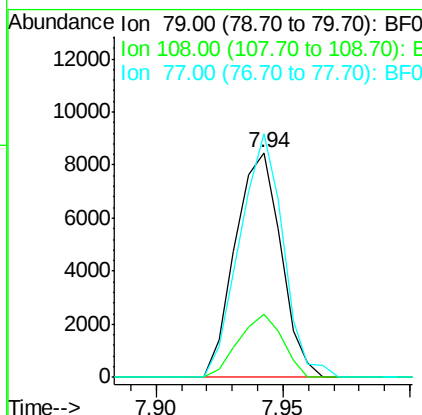
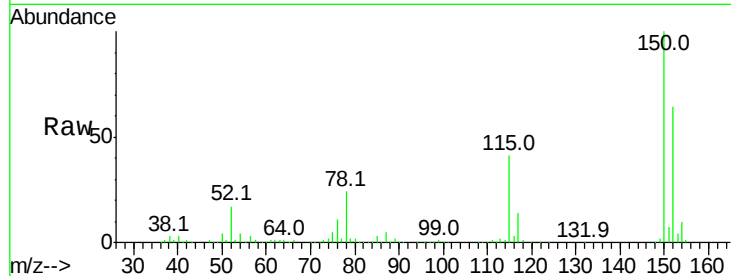




#15
Benzyl Alcohol
Concen: 2.55 ng
RT: 7.94 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BF095105.D
Acq: 12 May 2017 5:13

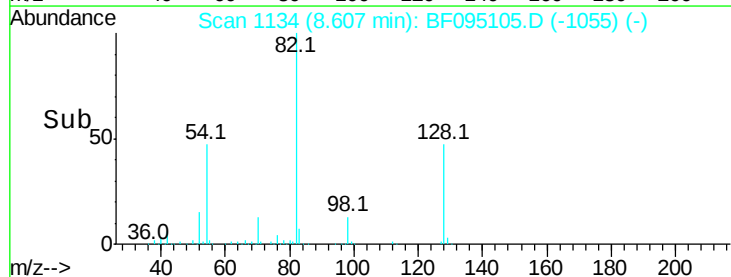
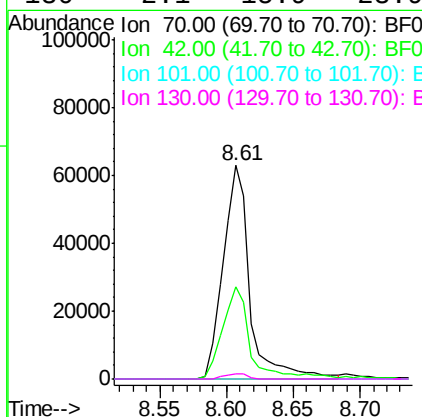
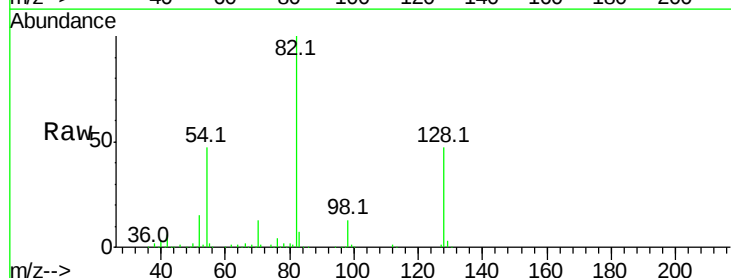
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10661
Ion Ratio Lower Upper
79 100
108 28.1 63.4 95.0#
77 108.3 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.16 min
Lab File: BF095105.D
Acq: 12 May 2017 5:13

Tgt Ion: 70 Resp: 89039
Ion Ratio Lower Upper
70 100
42 43.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419800

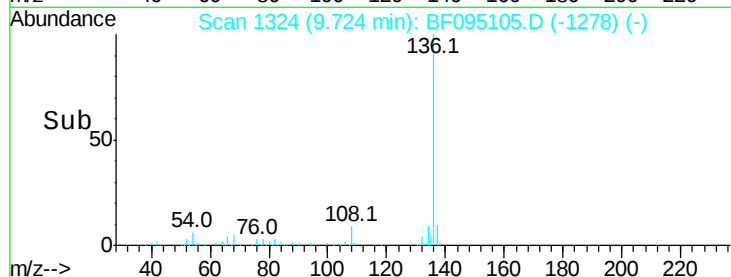
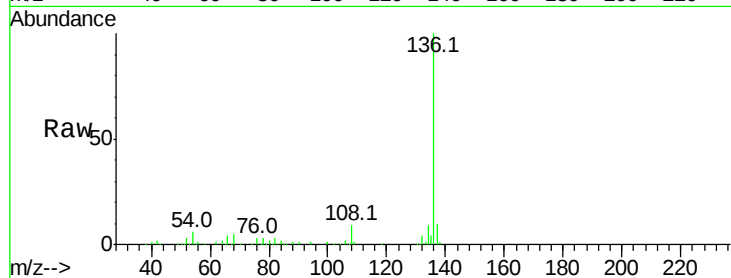
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

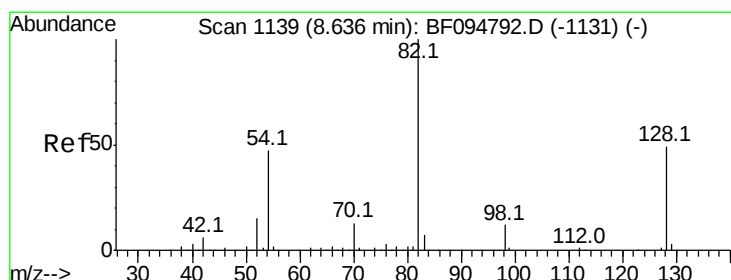
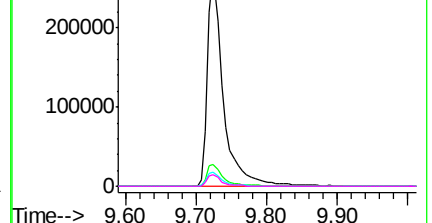


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.60 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

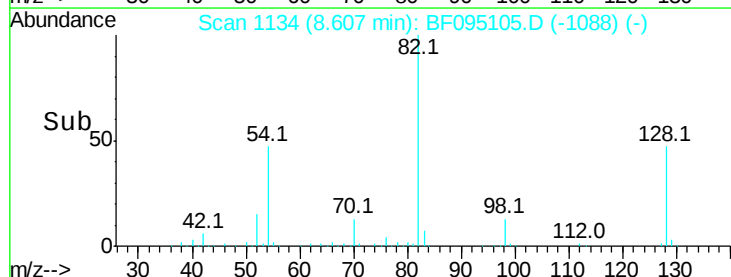
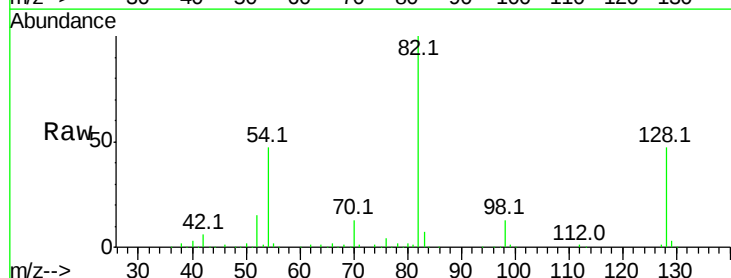
Tgt Ion: 82 Resp: 702998

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

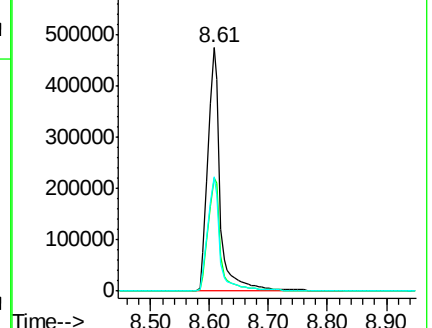
54 47.0 42.2 63.2

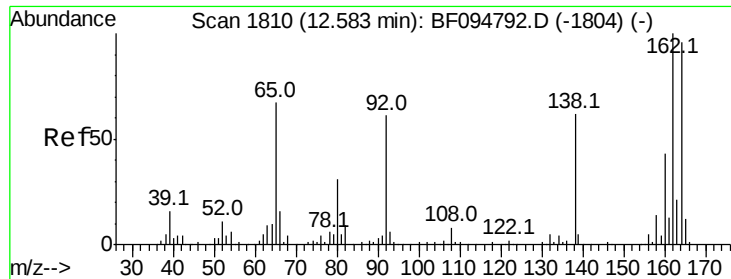


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

Instrument :

BNA_F

ClientSampleId :

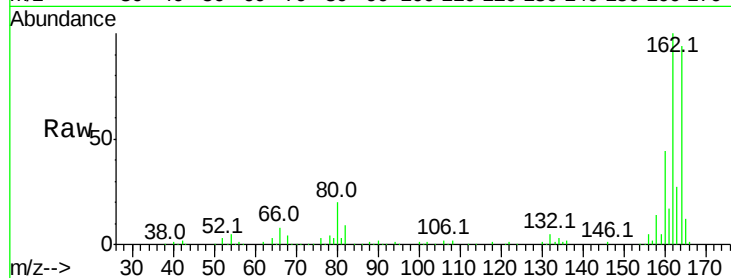
Tot Ion:164 Resp: 193572

Ion Ratio Lower Upper

164 100

162 106.5 82.6 123.8

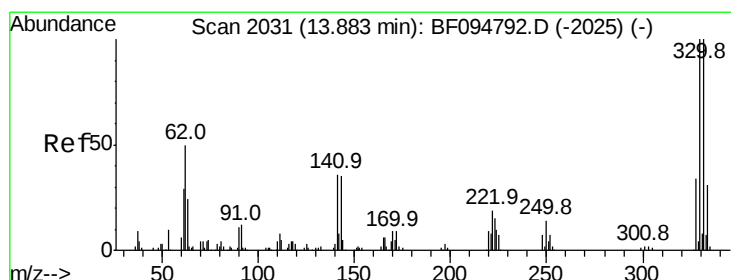
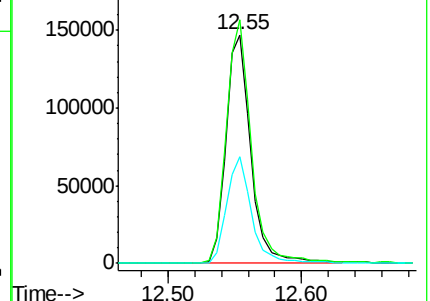
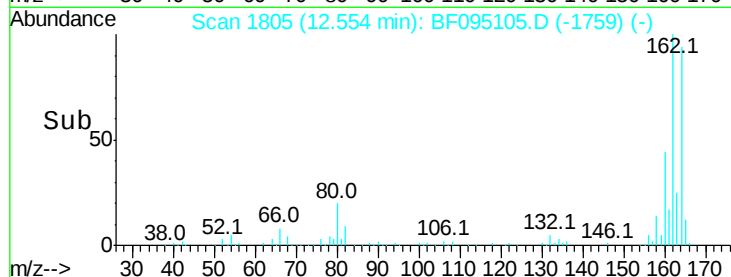
160 46.9 36.2 54.2



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: 158.59 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095105.D

Acq: 12 May 2017 5:13

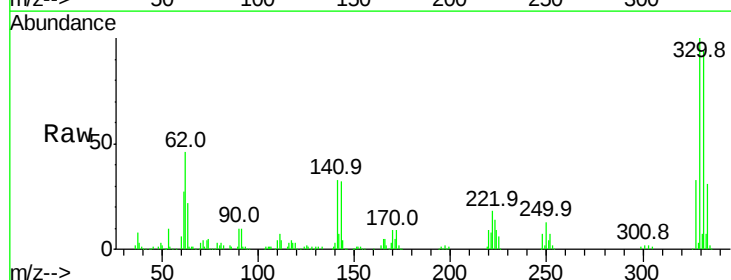
Tgt Ion:330 Resp: 251419

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

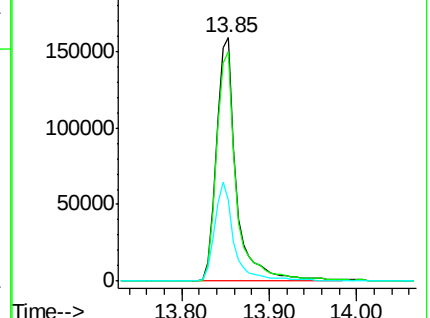
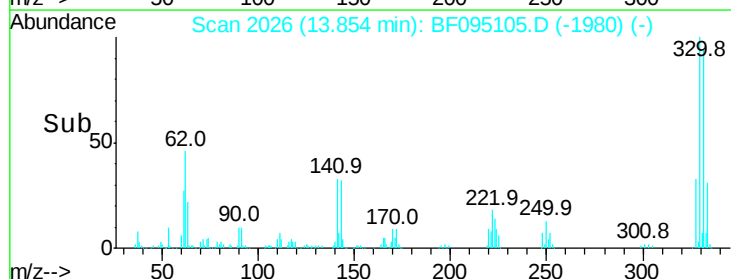
141 39.7 31.4 47.2

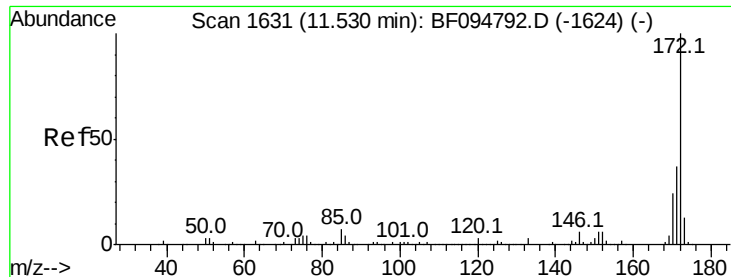


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



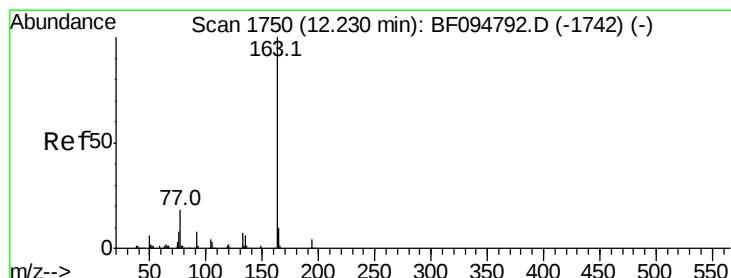
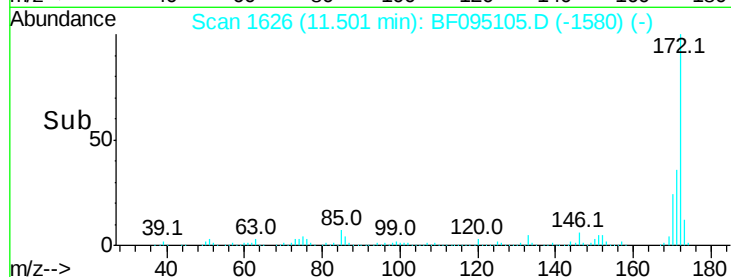
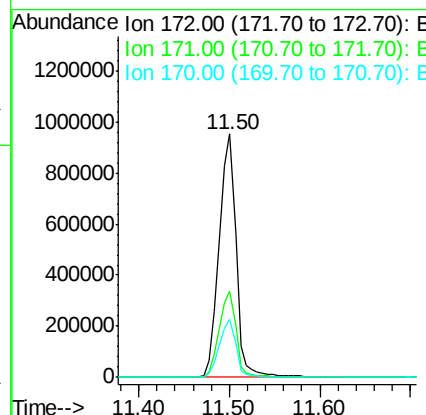
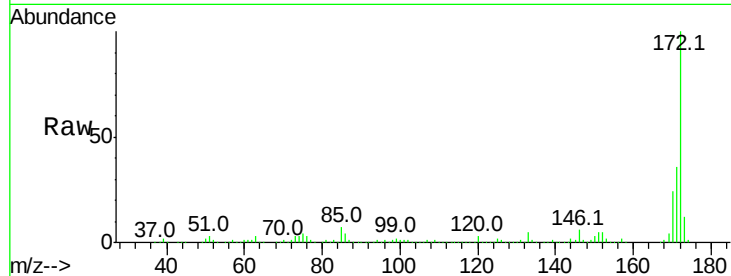


#44
 2-Fluorobiphenyl
 Concen: 91.86 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095105.D
 Acq: 12 May 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1235351

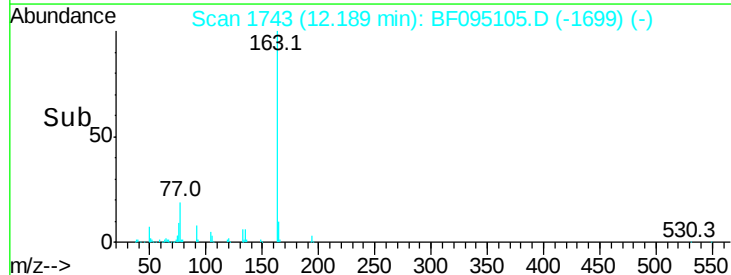
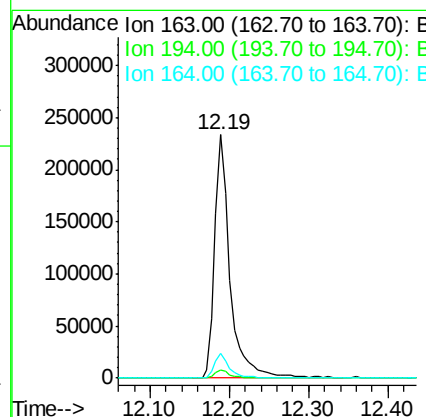
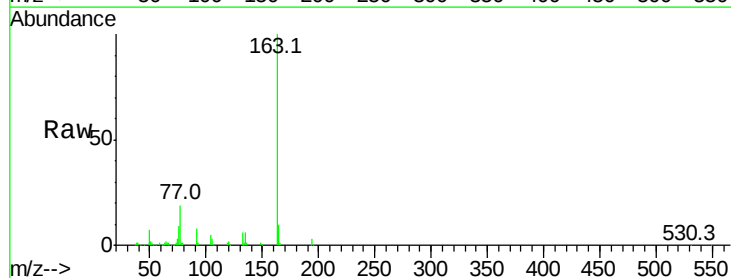
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.6	19.8	29.8

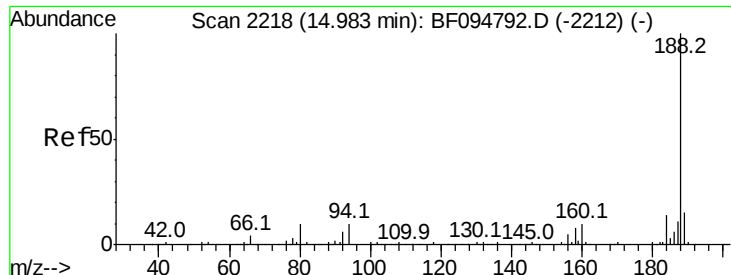


#49
 Dimethylphthalate
 Concen: 19.95 ng
 RT: 12.19 min Scan# 1743
 Delta R.T. -0.04 min
 Lab File: BF095105.D
 Acq: 12 May 2017 5:13

Tgt Ion:163 Resp: 316988

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

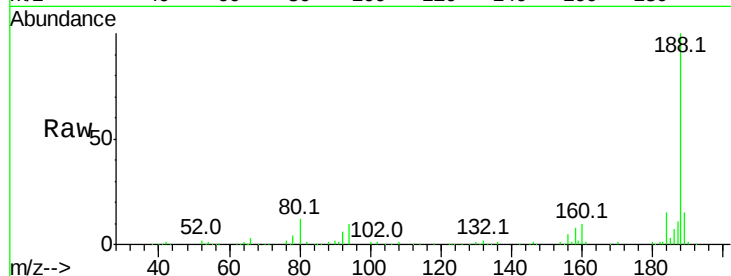




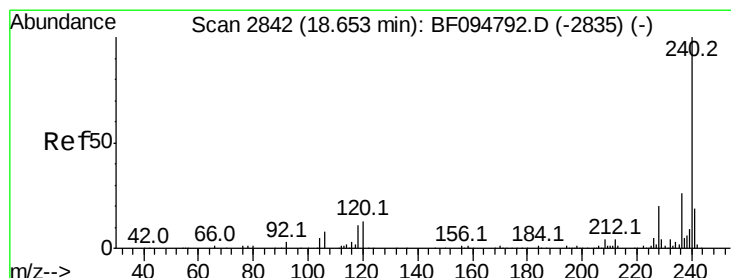
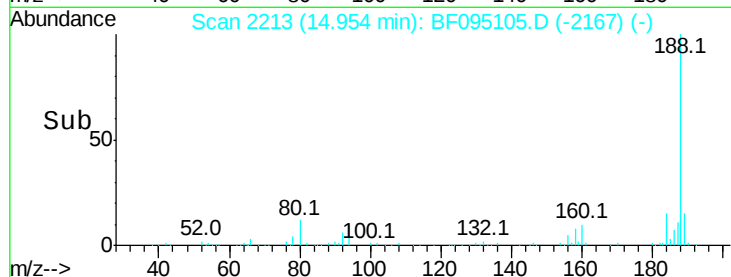
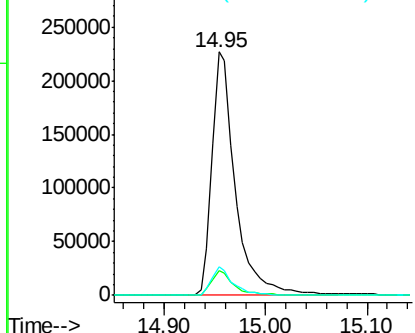
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095105.D
Acq: 12 May 2017 5:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.7	10.2	15.2

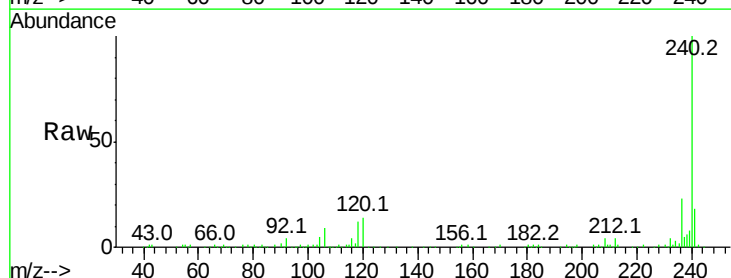


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

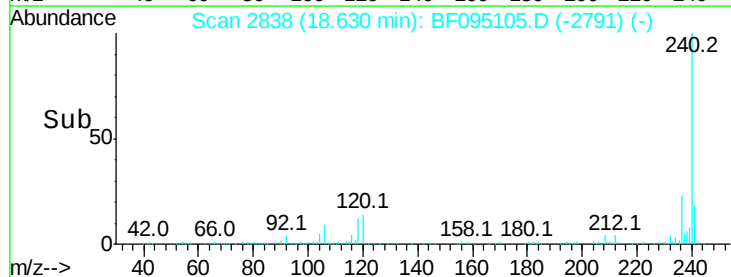
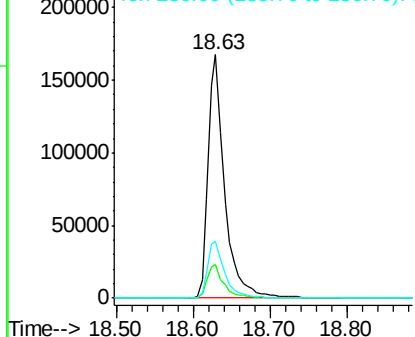


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095105.D
Acq: 12 May 2017 5:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	23.4	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

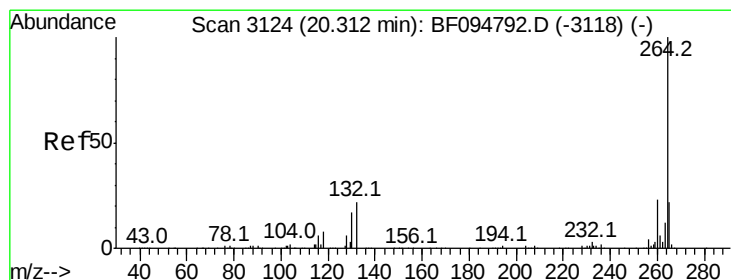
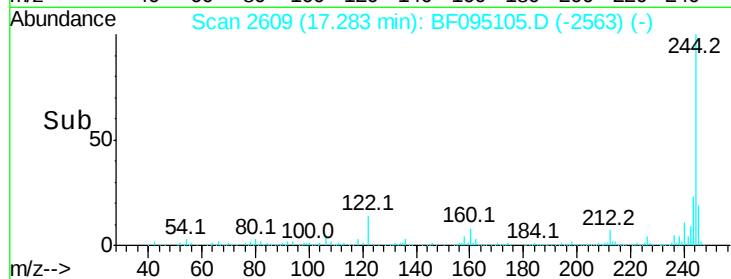
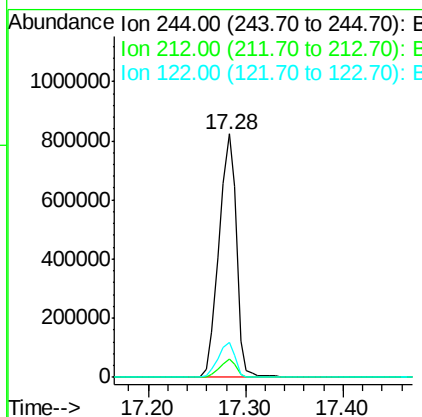
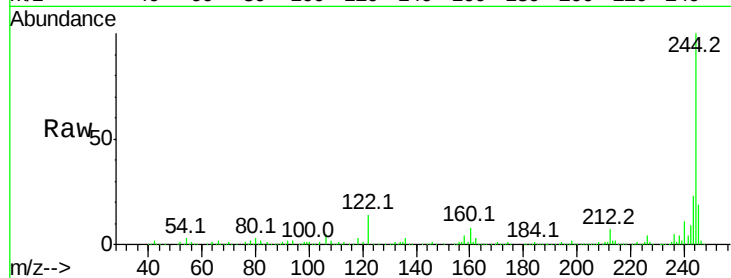




#78
 Terphenyl-d14
 Concen: 91.88 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095105.D
 Acq: 12 May 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1028083
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095105.D
 Acq: 12 May 2017 5:13

Tgt Ion:264 Resp: 180007
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 22.3 17.2 25.8

