

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094991.D
 Acq On : 8 May 2017 21:09
 Operator : SJ/MA
 Sample : I3010-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:51:03 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

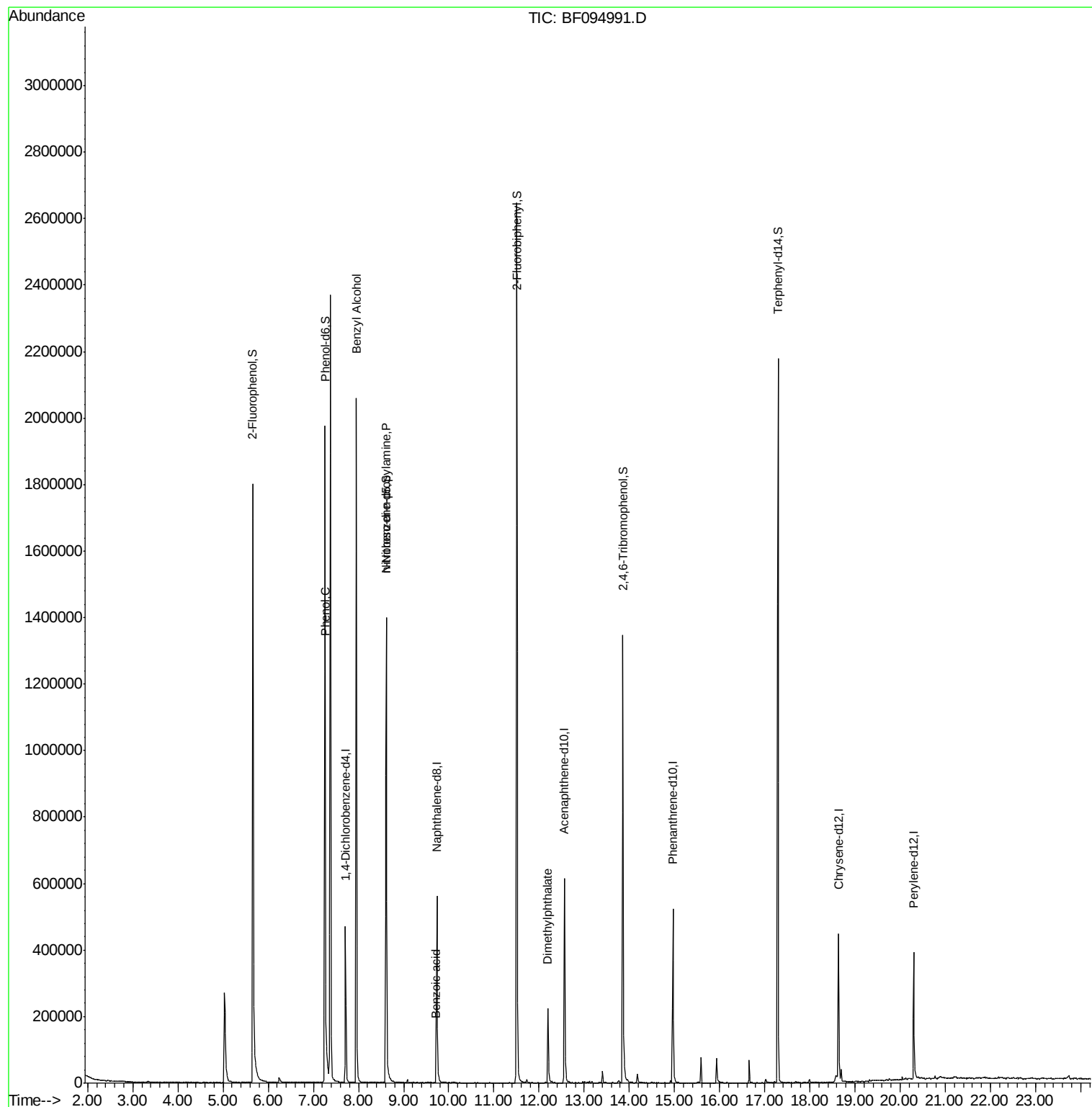
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	103213	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	419730	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	187364	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	299368	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	216957	20.00	ng	-0.02
86) Perylene-d12	20.30	264	192100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	876553	141.59	ng	-0.02
7) Phenol-d6	7.26	99	1131343	152.31	ng	-0.02
23) Nitrobenzene-d5	8.62	82	686658	103.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	231021	150.56	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1223045	93.96	ng	-0.02
78) Terphenyl-d14	17.29	244	915266	92.92	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	19485	2.49	ng	Qvalue 85
15) Benzyl Alcohol	7.95	79	10601	2.22	ng	# 48
19) n-Nitroso-di-n-propylamine	8.62	70	88011	17.52	ng	# 76
32) Benzoic acid	9.71	122	107	5.11	ng	# 1
49) Dimethylphthalate	12.19	163	151729	9.86	ng	99

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

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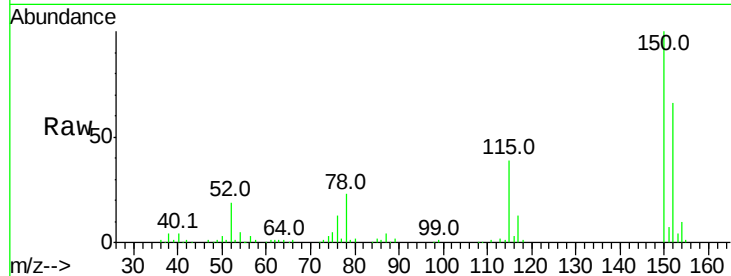


#1

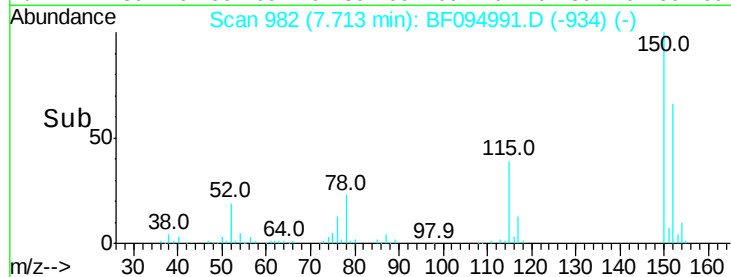
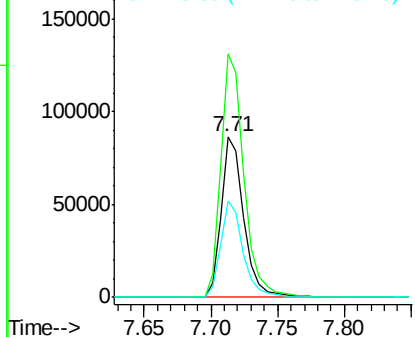
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103213
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 59.9 52.2 78.2



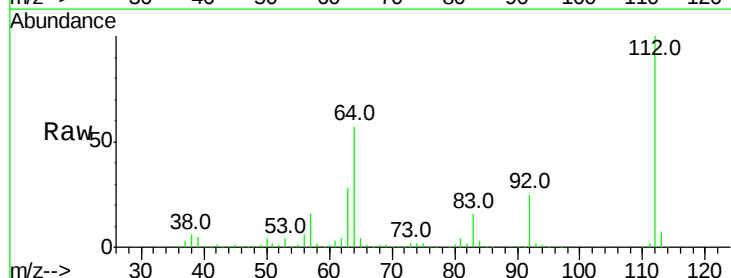
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



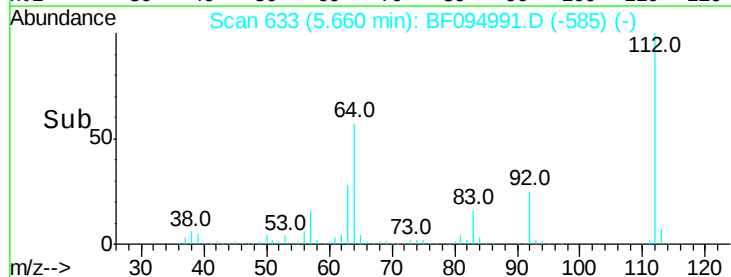
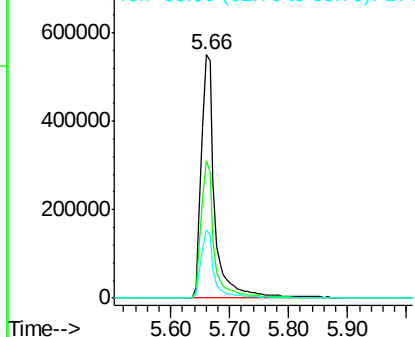
#5

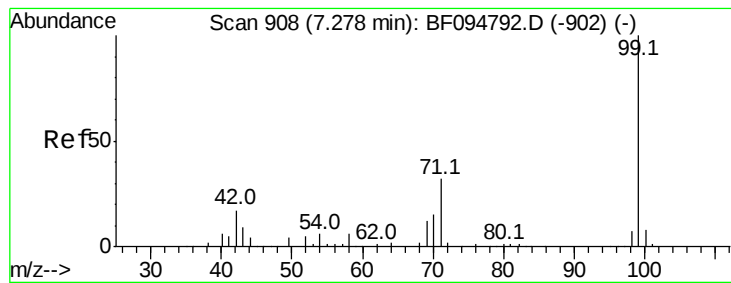
2-Fluorophenol
Concen: 141.59 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion:112 Resp: 876553
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.2 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: 152.31 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

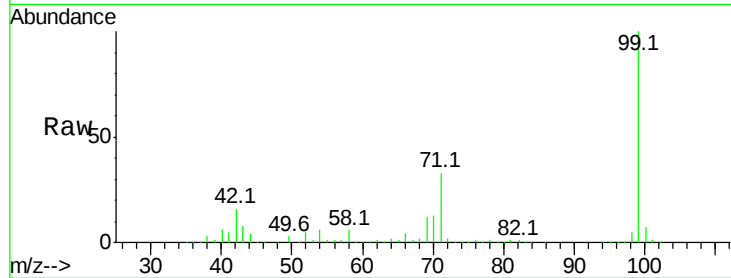
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1131343

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.9	24.5	36.7

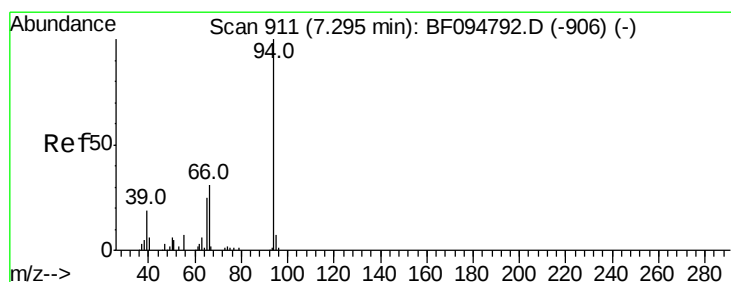
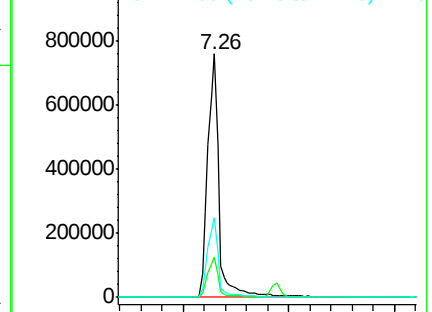
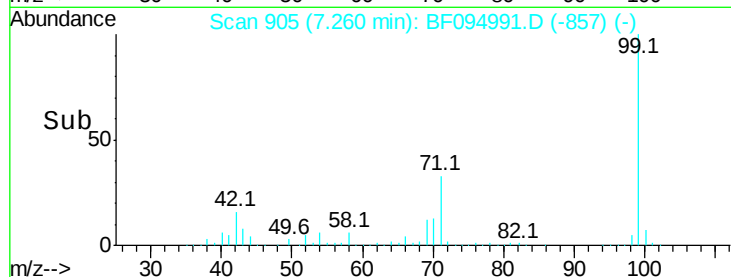


Abundance

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: 2.49 ng

RT: 7.27 min Scan# 907

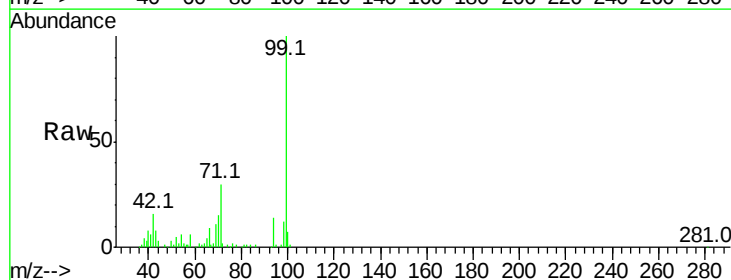
Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

Tgt Ion: 94 Resp: 19485

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.9	49.9
66	59.3	23.1	63.1

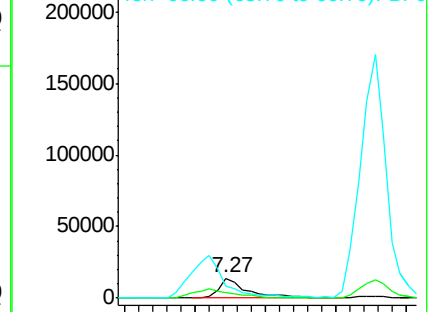
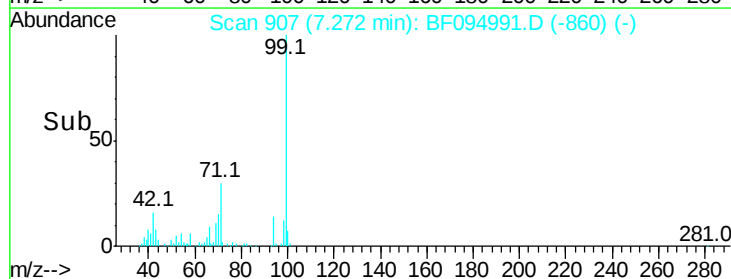


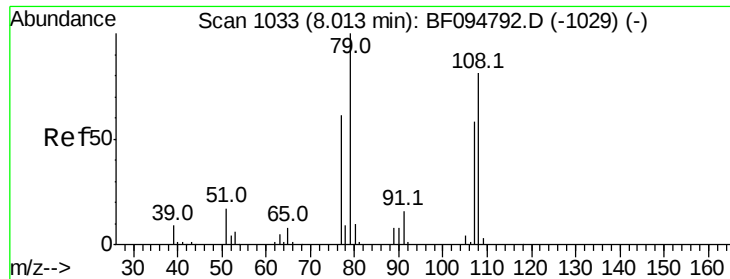
Abundance

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

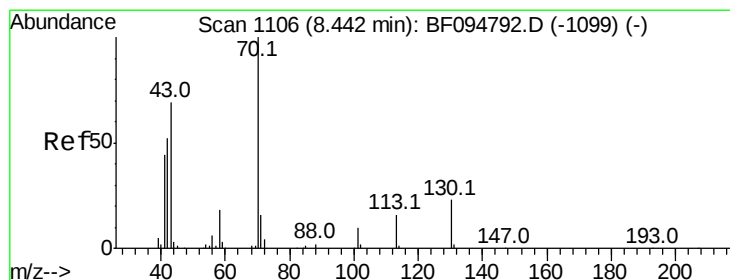
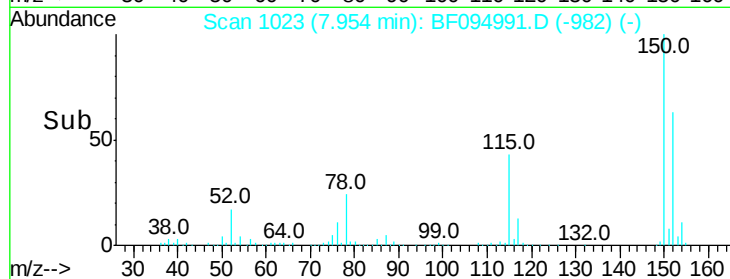
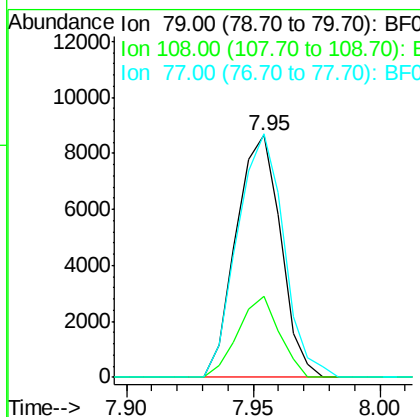
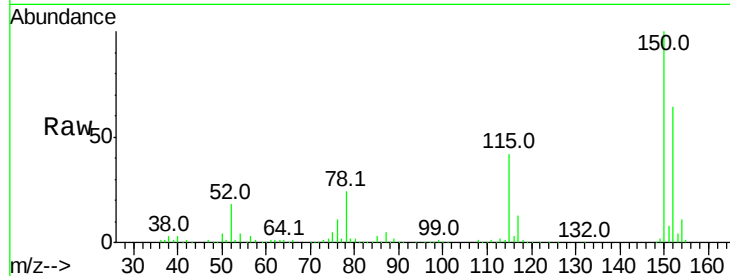




#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 7.95 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

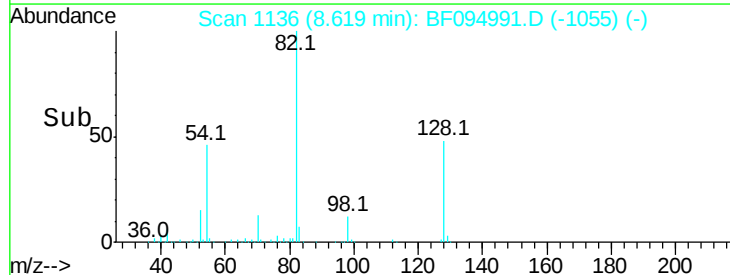
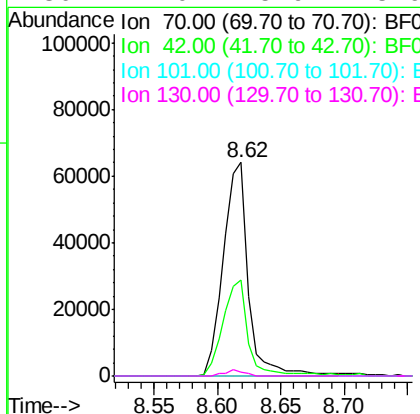
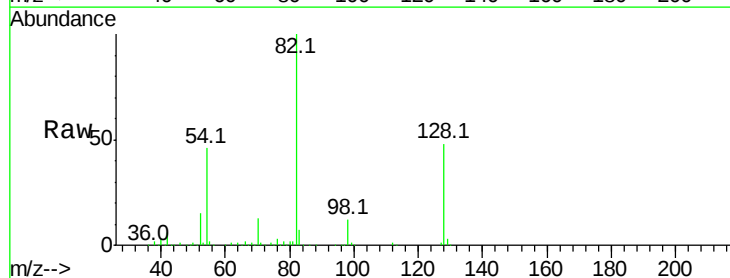
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10601
Ion Ratio Lower Upper
79 100
108 33.6 63.4 95.0#
77 100.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion: 70 Resp: 88011
Ion Ratio Lower Upper
70 100
42 45.0 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# 1326

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419730

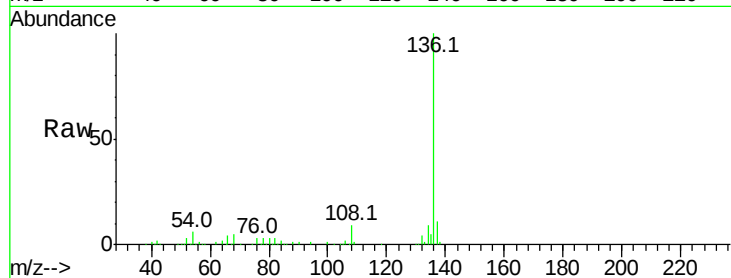
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

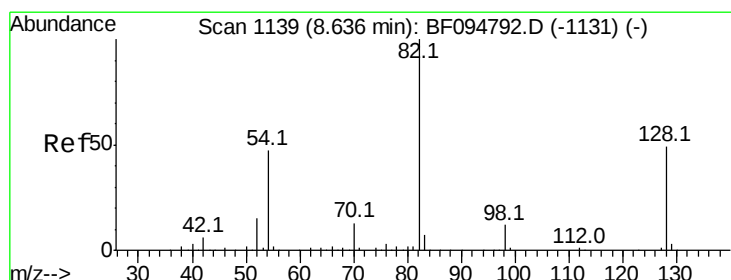
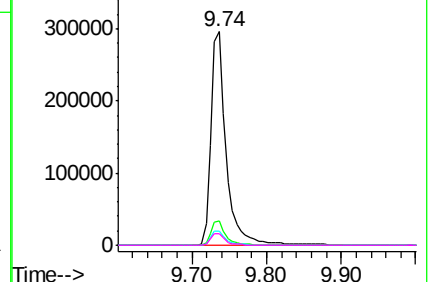
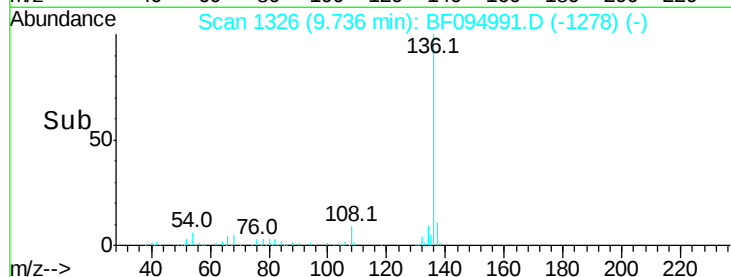


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.16 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

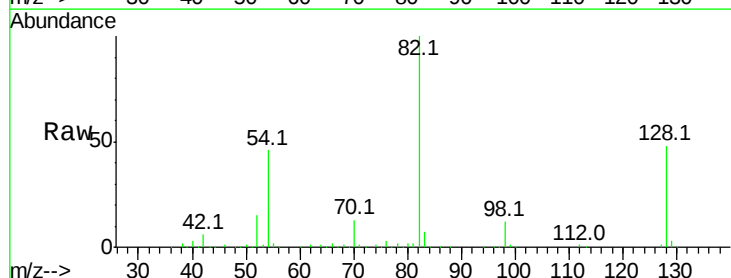
Tgt Ion: 82 Resp: 686658

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

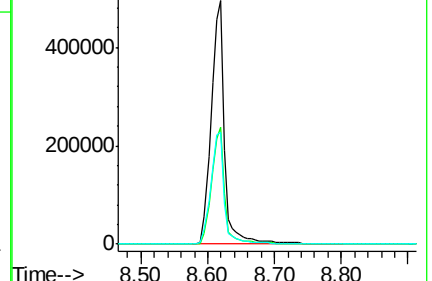
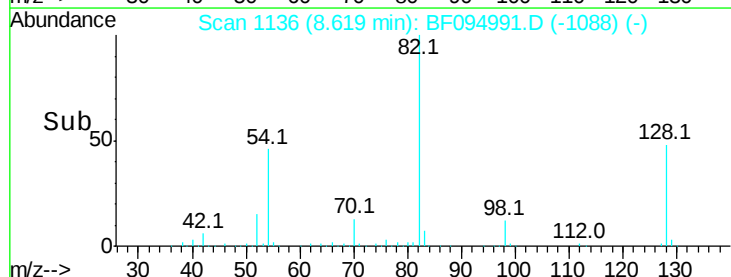
54 45.9 42.2 63.2

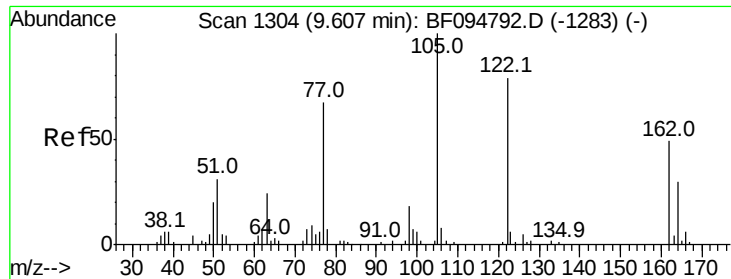


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

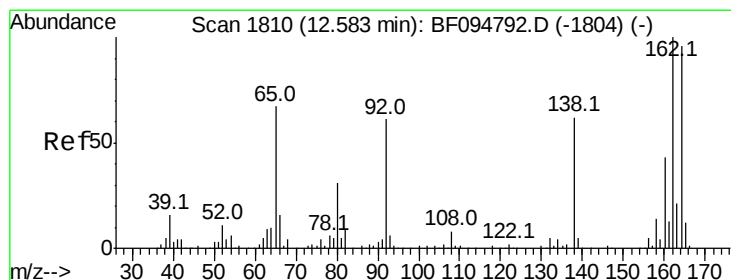
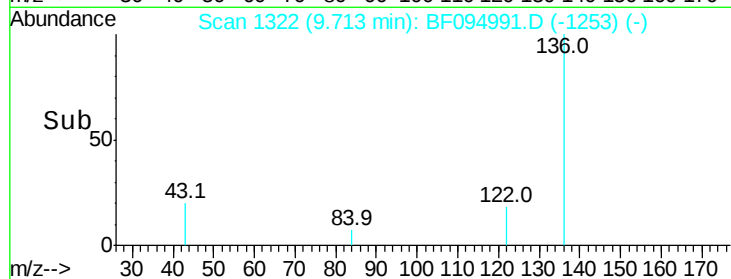
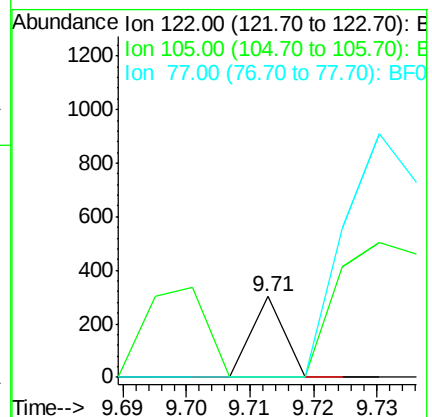
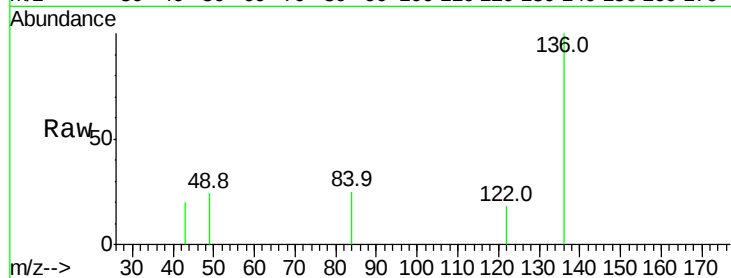




#32
Benzoic acid
Concen: 5.11 ng
RT: 9.71 min Scan# 1322
Delta R.T. 0.11 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

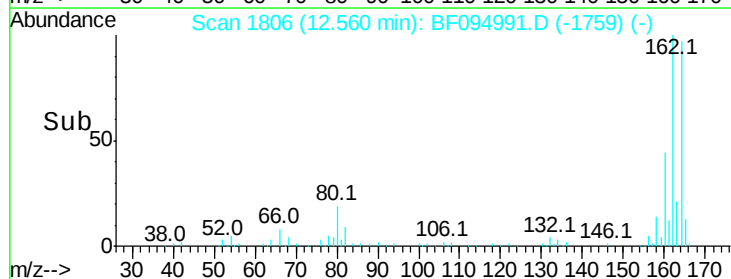
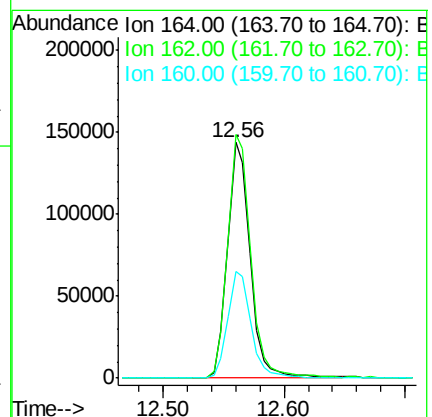
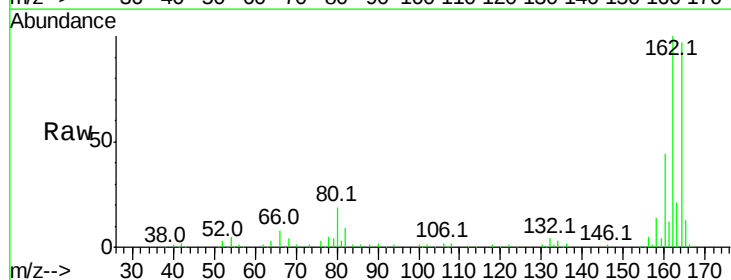
Instrument :
BNA_F
ClientSampled :

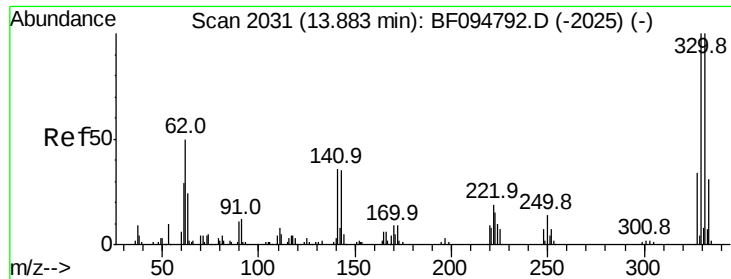
Tot Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion:164 Resp: 187364
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 45.3 36.2 54.2

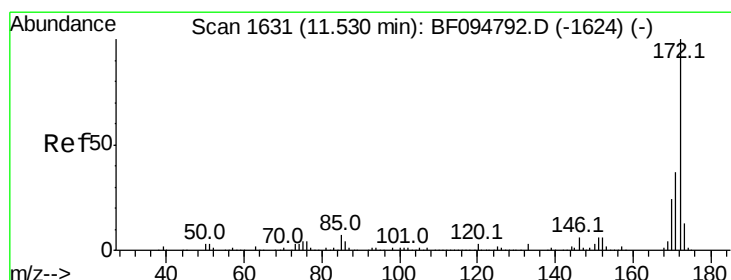
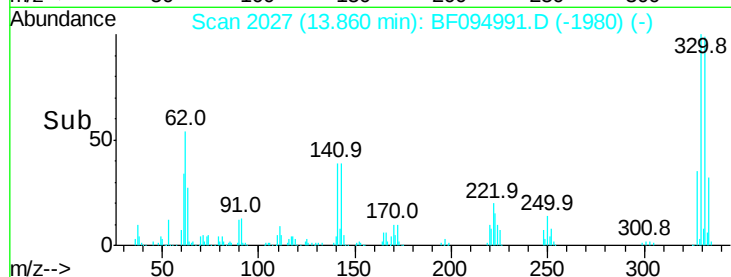
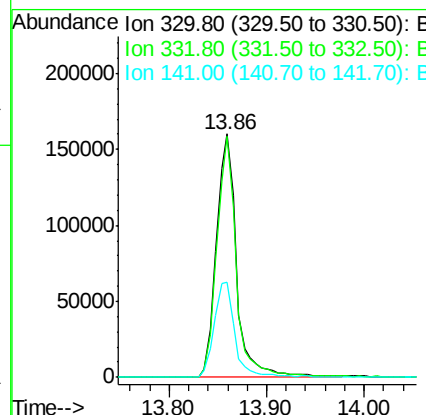
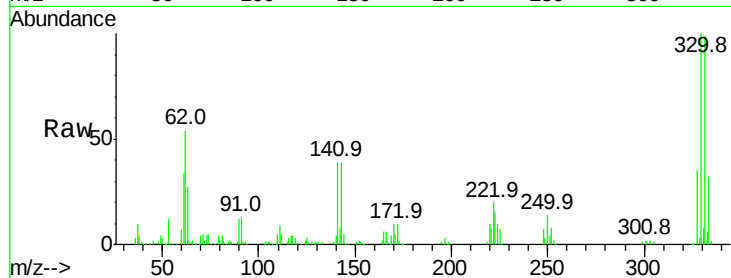




#41
 2,4,6-Tribromophenol
 Concen: 150.56 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

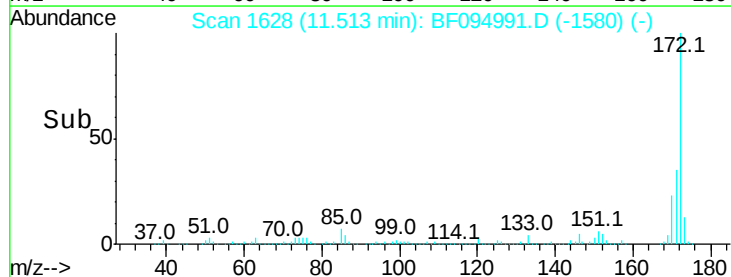
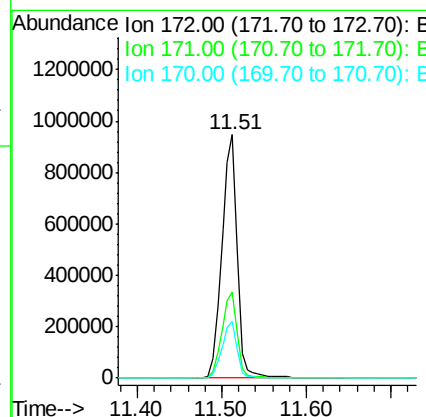
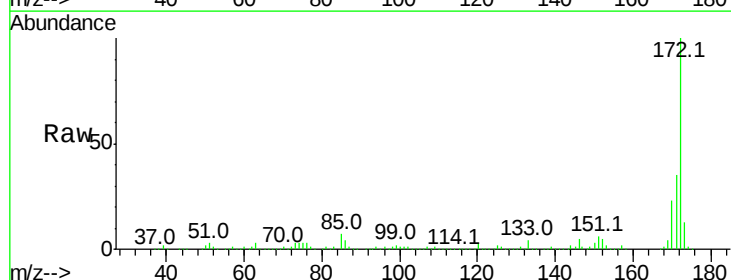
Instrument :
 BNA_F
 ClientSampleId :

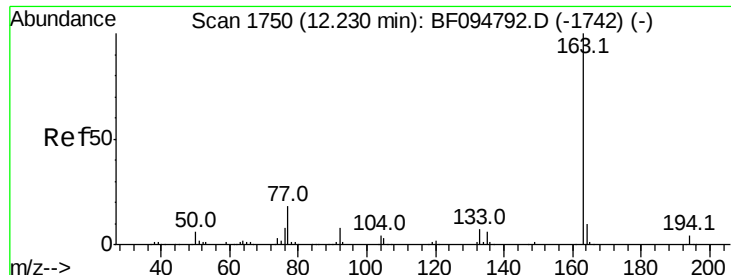
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.8	29.8





#49

Dimethylphthalate

Concen: 9.86 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

Instrument :

BNA_F

ClientSampled :

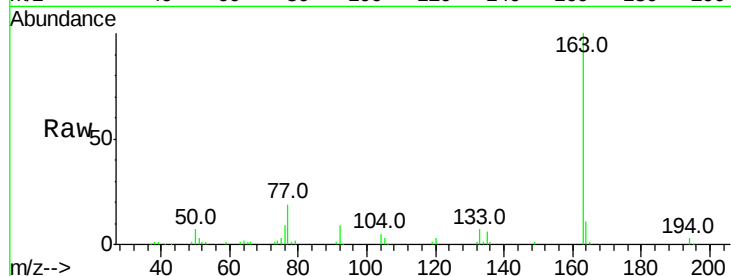
Tot Ion:163 Resp: 151729

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

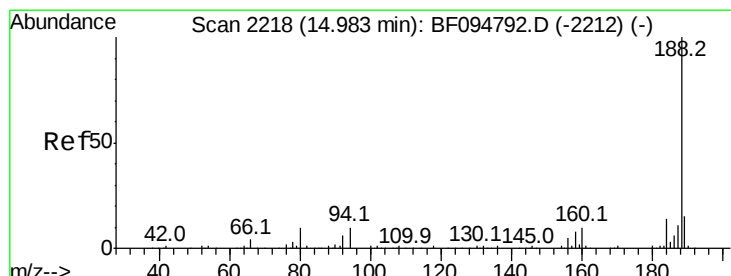
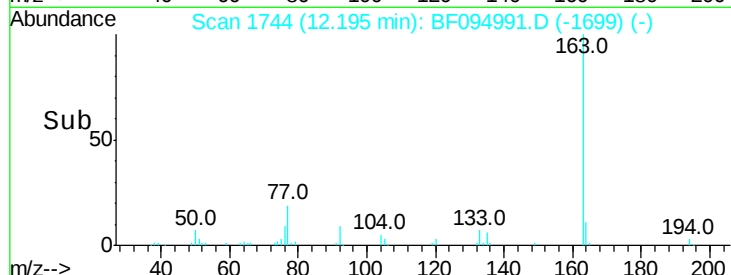
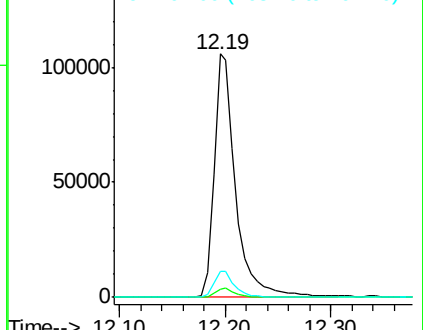
164 10.9 8.4 12.6



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# 2215

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

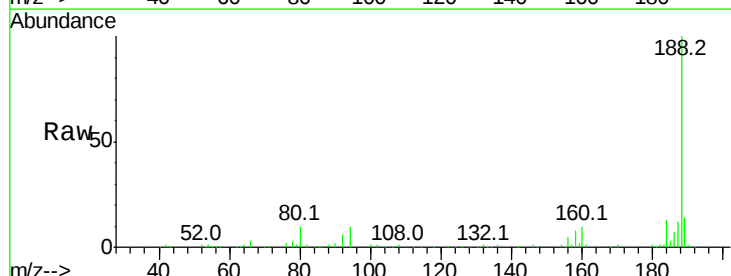
Tgt Ion:188 Resp: 299368

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

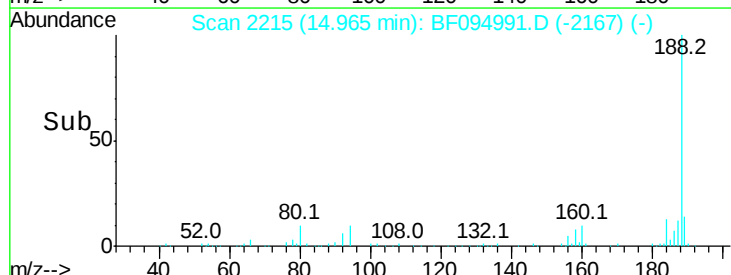
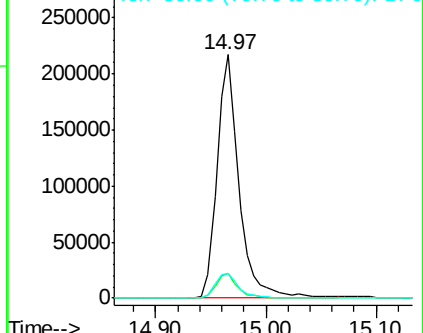
80 10.1 10.2 15.2#

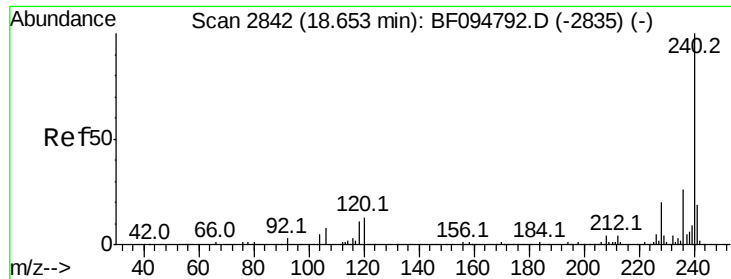


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094991.D

Acq: 8 May 2017 21:09

Instrument :

BNA_F

ClientSampled :

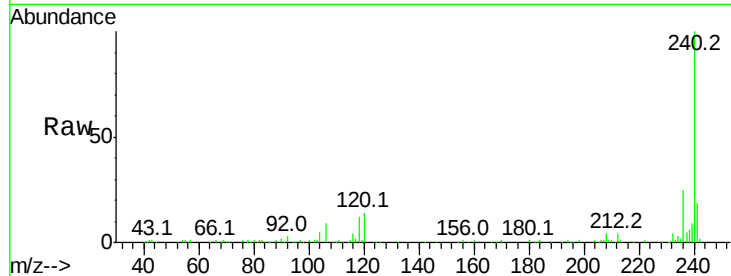
Tot Ion:240 Resp: 216957

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

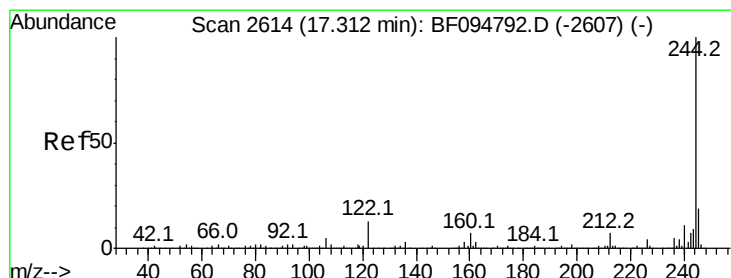
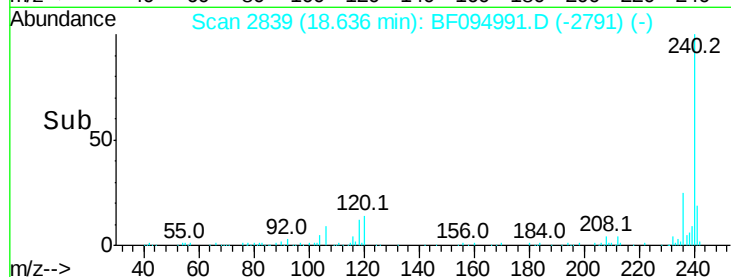
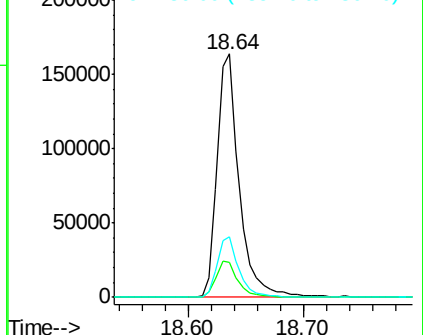
236 24.7 20.5 30.7



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: 92.92 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

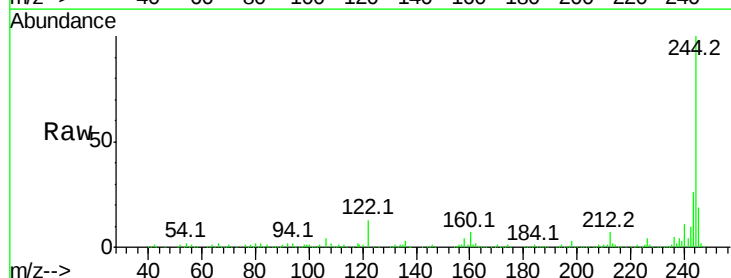
Tgt Ion:244 Resp: 915266

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

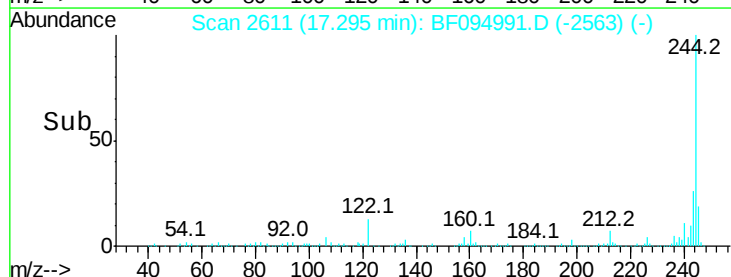
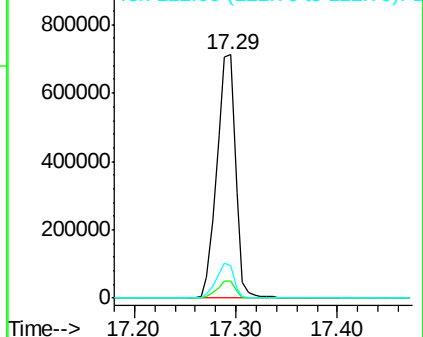
122 13.3 10.3 15.5

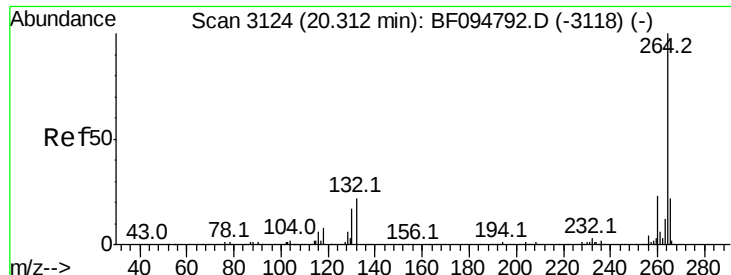


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

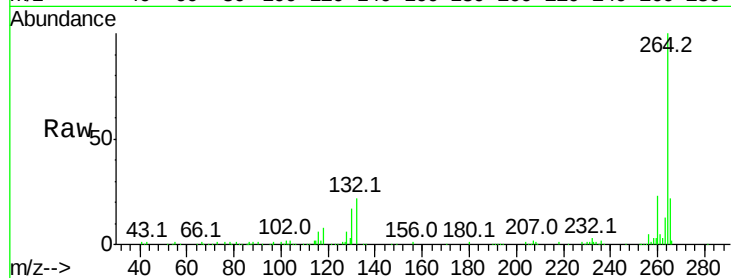




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.0	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

