

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095112.D
 Acq On : 12 May 2017 15:17
 Operator : SJ/MA
 Sample : I3100-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-051017

Quant Time: May 12 18:11:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

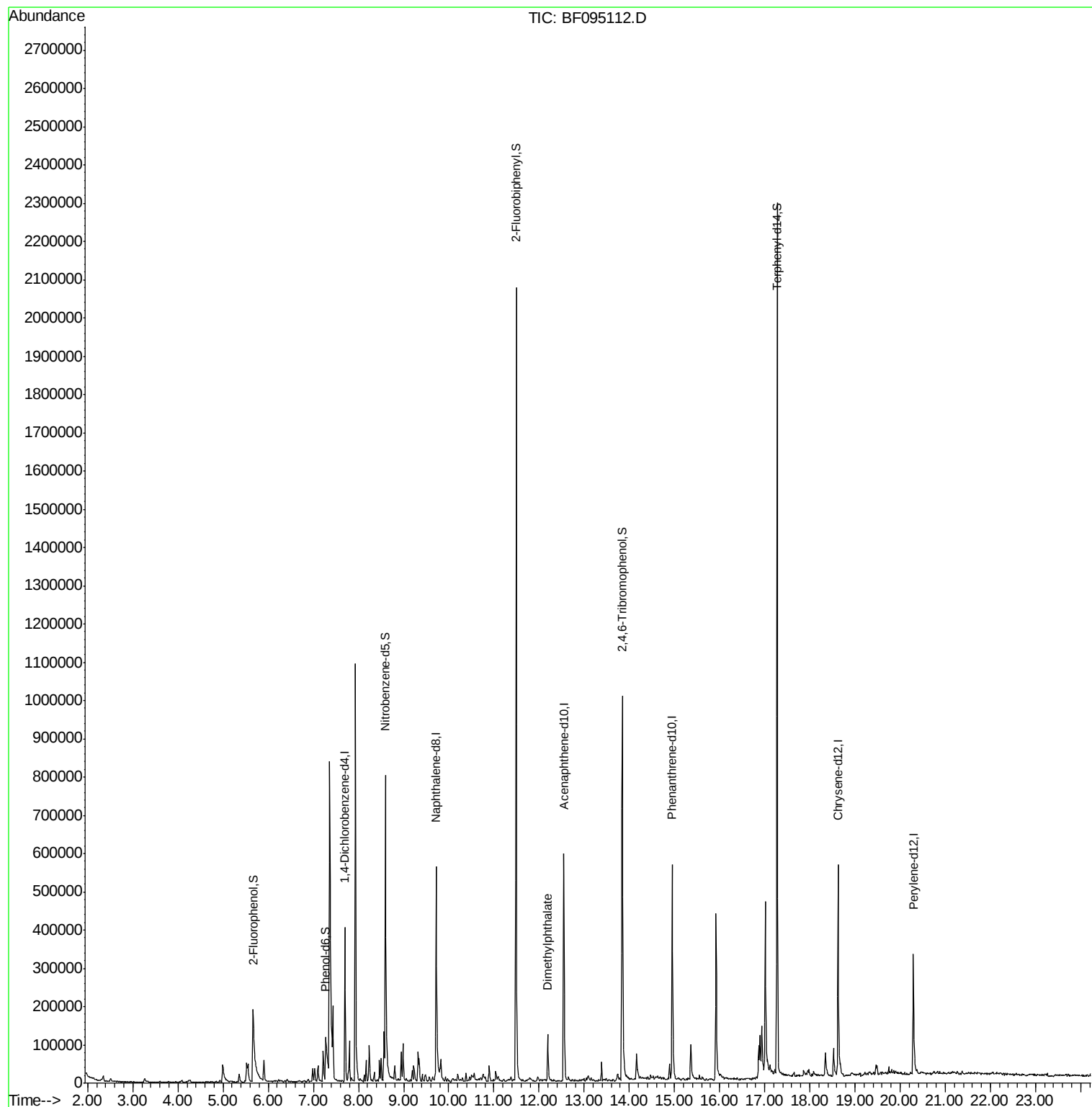
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	94361	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	389973	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	182579	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	325838	20.00	ng	0.00
75) Chrysene-d12	18.62	240	279270	20.00	ng	0.00
86) Perylene-d12	20.29	264	181440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	192246	33.97	ng	0.02
7) Phenol-d6	7.27	99	152388	22.44	ng	0.02
23) Nitrobenzene-d5	8.60	82	403112	65.18	ng	-0.02
41) 2,4,6-Tribromophenol	13.85	330	179006	119.72	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	937897	73.94	ng	0.00
78) Terphenyl-d14	17.28	244	893105	70.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.19	163	88125	5.88	ng	99

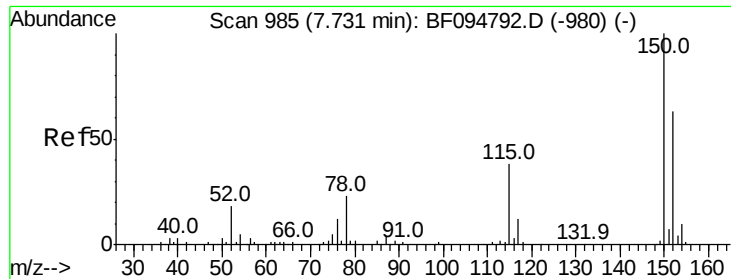
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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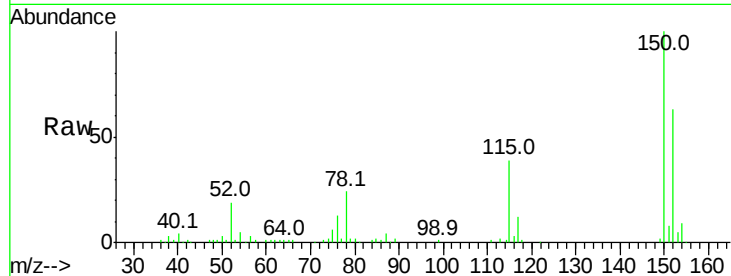


#1

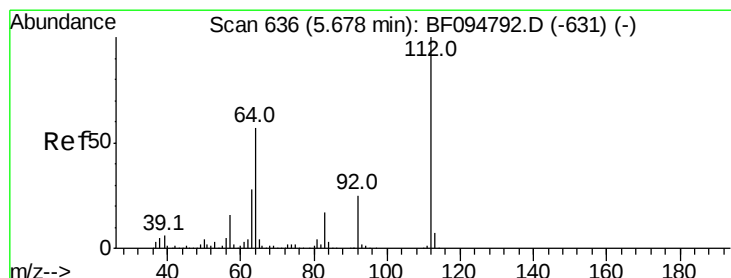
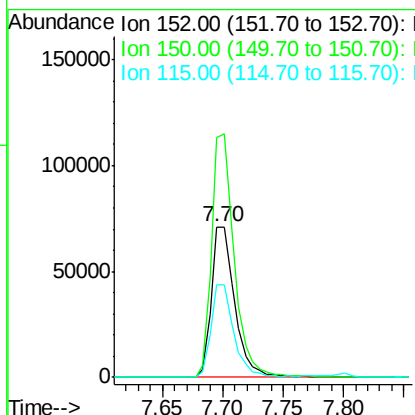
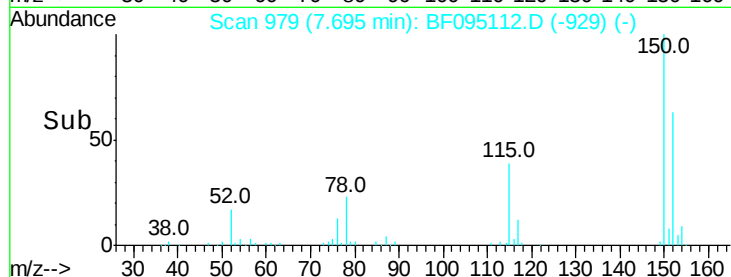
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF095112.D
Acq: 12 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

Tot Ion:152 Resp: 94361
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.6 52.2 78.2



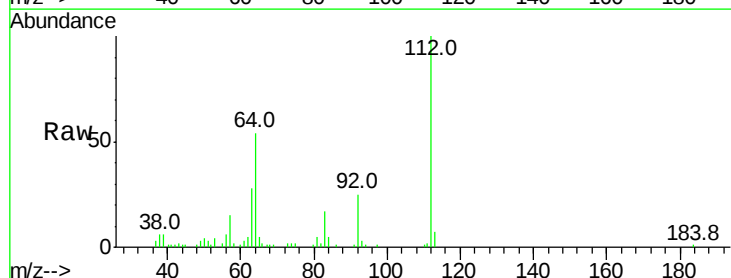
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



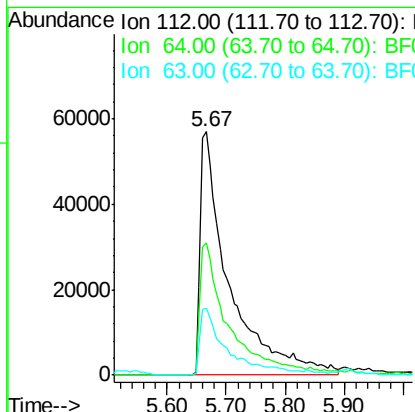
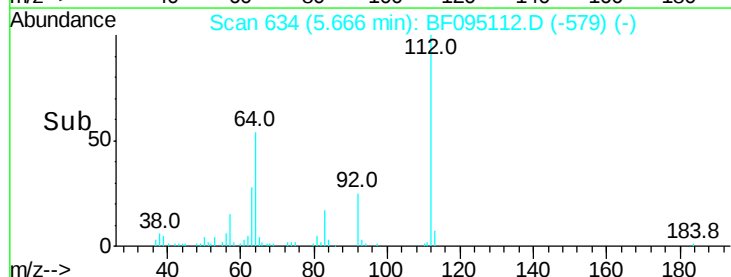
#5

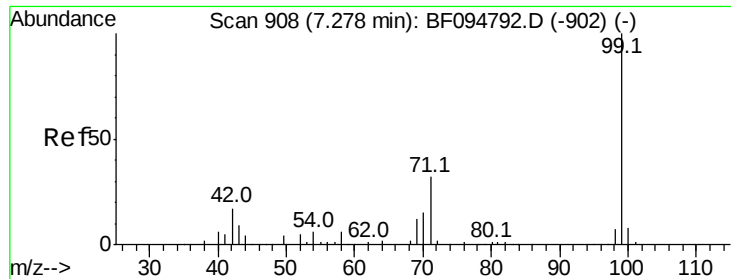
2-Fluorophenol
Concen: 33.97 ng
RT: 5.67 min Scan# 634
Delta R.T. 0.02 min
Lab File: BF095112.D
Acq: 12 May 2017 15:17

Tgt Ion:112 Resp: 192246
Ion Ratio Lower Upper
112 100
64 54.2 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: 22.44 ng

RT: 7.27 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

Instrument :

BNA_F

ClientSampleId :

MW-3A-051017

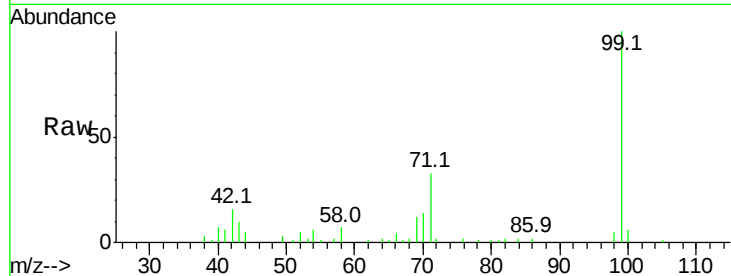
Tot Ion: 99 Resp: 152388

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

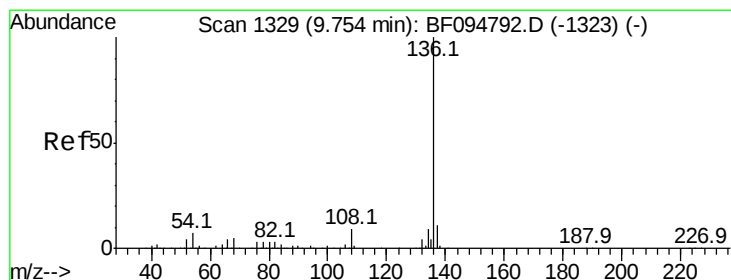
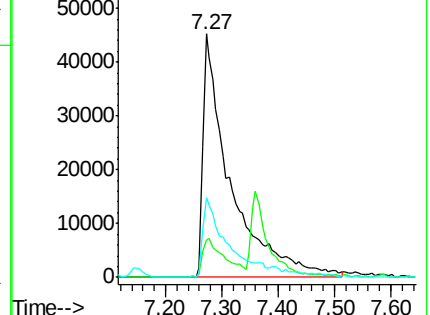
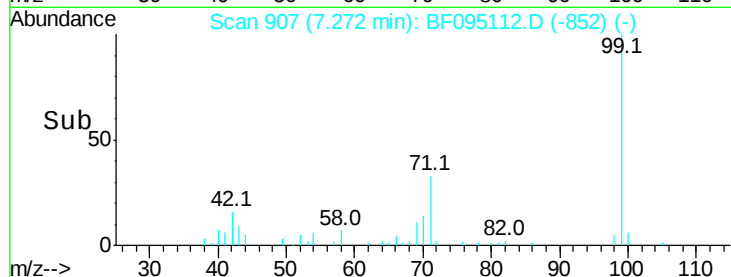
71 32.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

Tgt Ion: 136 Resp: 389973

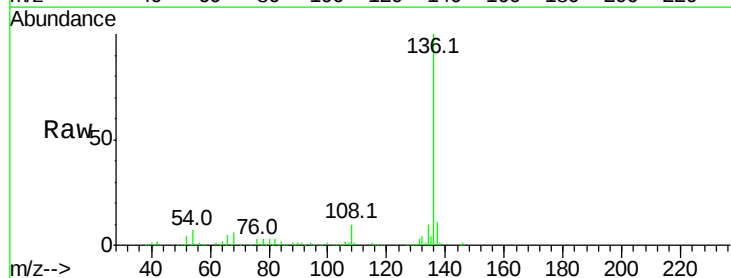
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

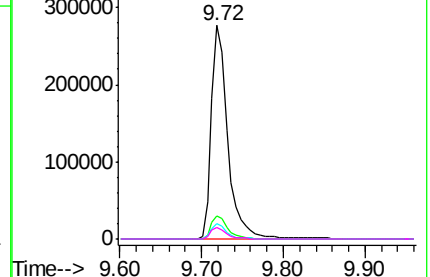
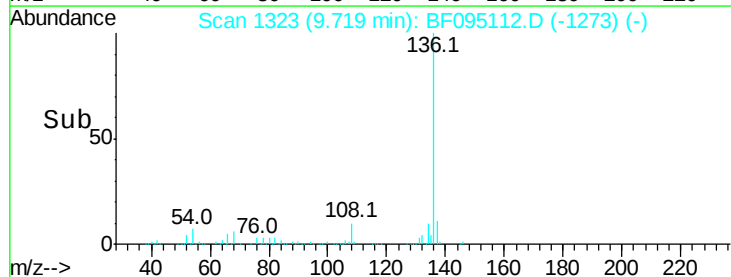


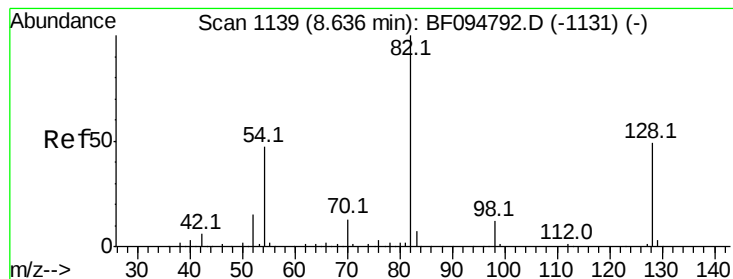
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.18 ng

RT: 8.60 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

Instrument :

BNA_F

ClientSampleId :

MW-3A-051017

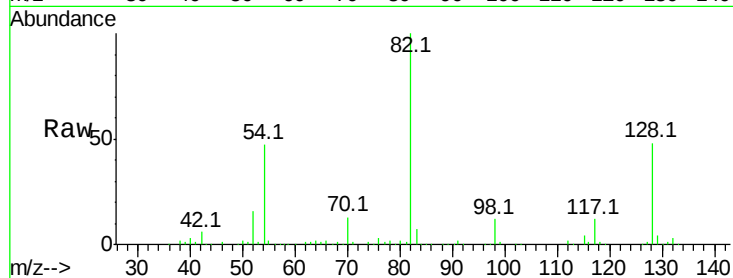
Tot Ion: 82 Resp: 403112

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

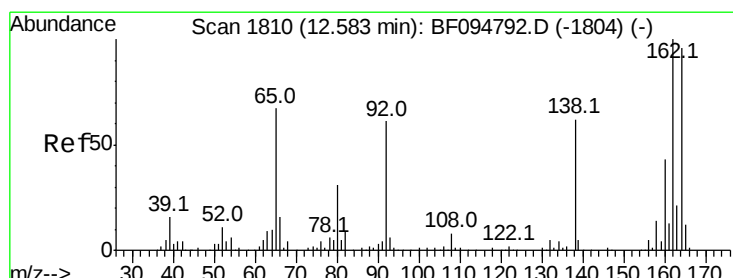
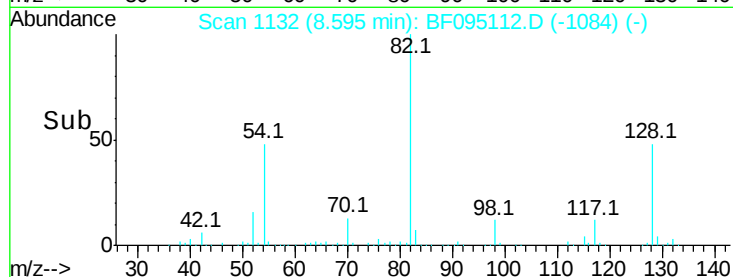
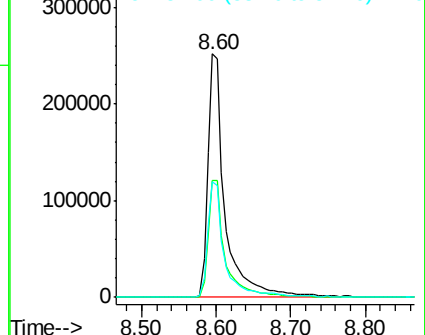
54 47.5 42.2 63.2



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# 1804

Delta R.T. 0.00 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

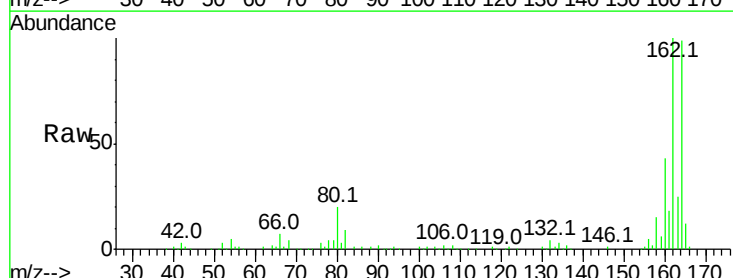
Tgt Ion:164 Resp: 182579

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

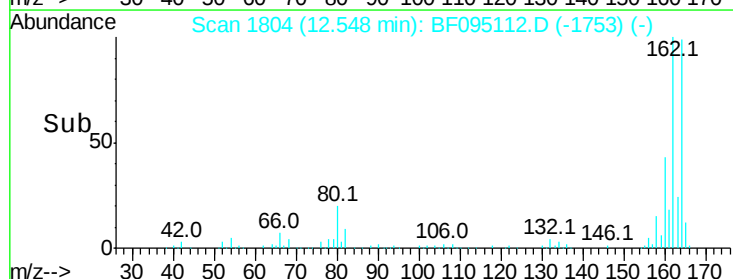
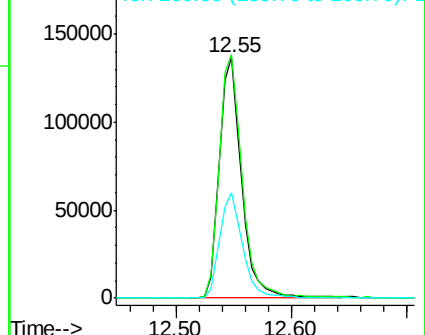
160 44.0 36.2 54.2



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

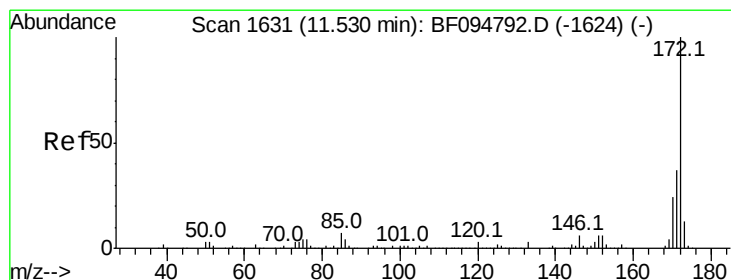
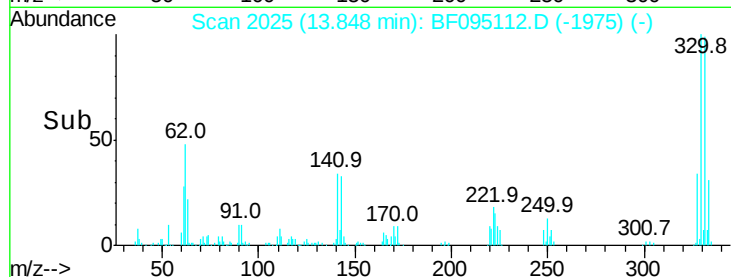
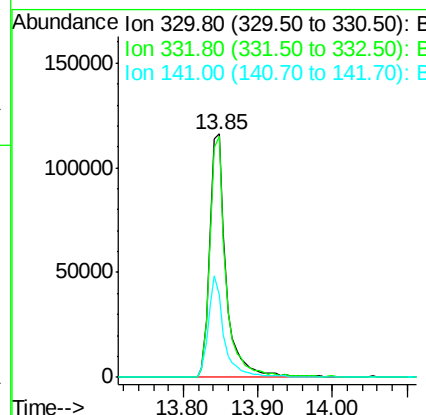
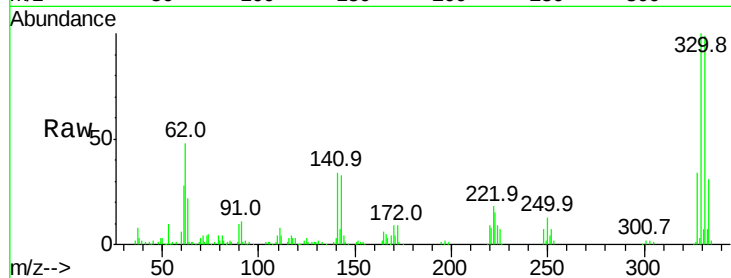




#41
 2,4,6-Tribromophenol
 Concen: 119.72 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095112.D
 Acq: 12 May 2017 15:17

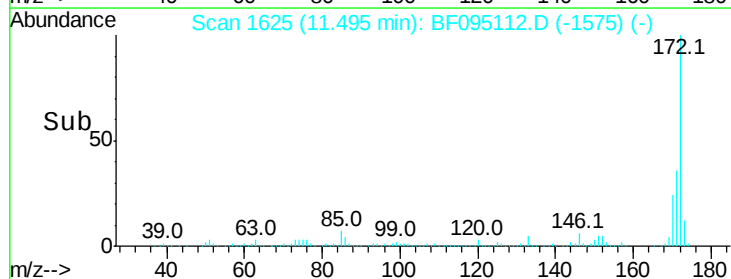
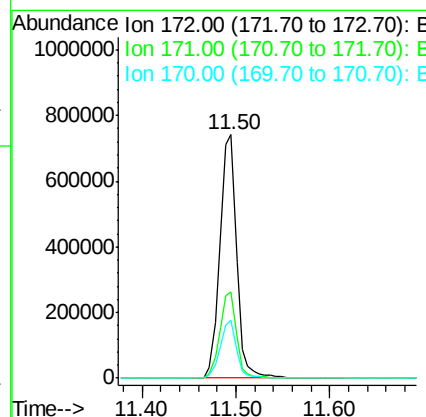
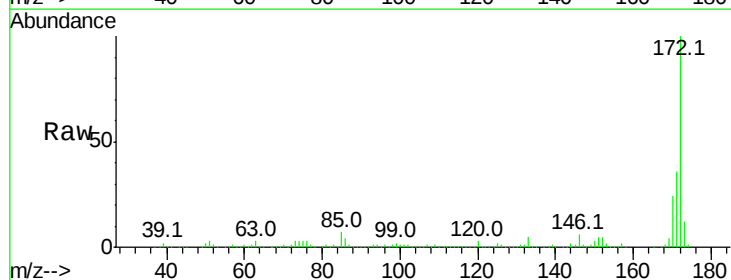
Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-051017

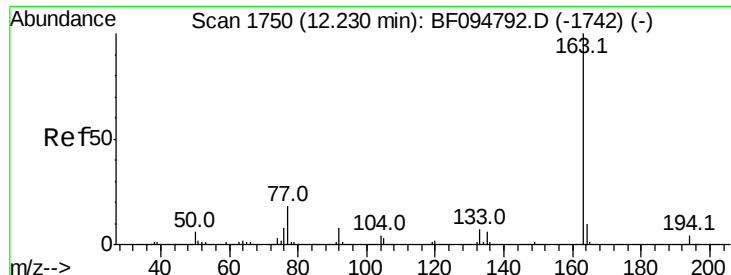
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095112.D
 Acq: 12 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 5.88 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

Instrument :

BNA_F

ClientSampleId :

MW-3A-051017

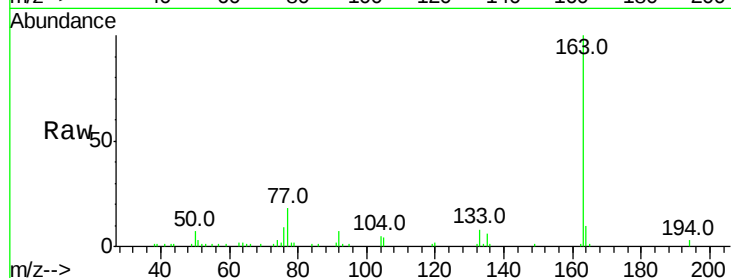
Tot Ion:163 Resp: 88125

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

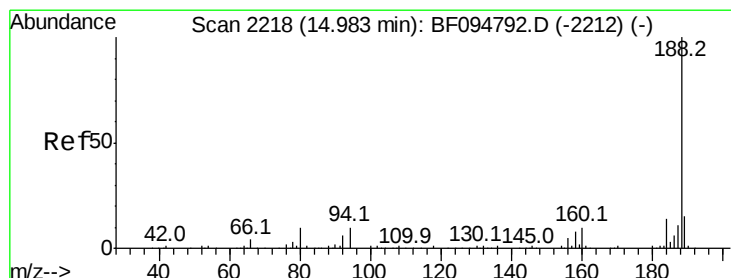
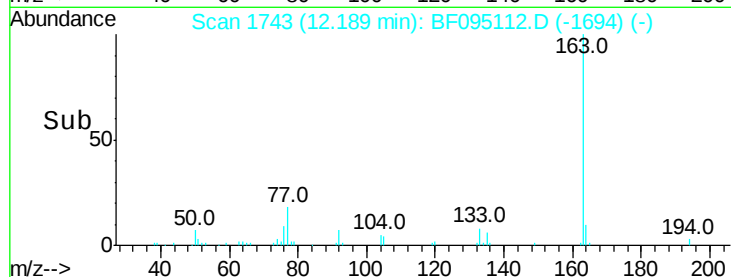
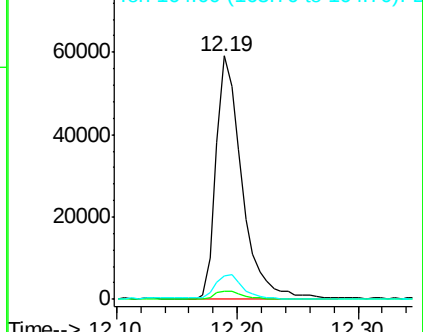
164 9.9 8.4 12.6



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: 14.95 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF095112.D

Acq: 12 May 2017 15:17

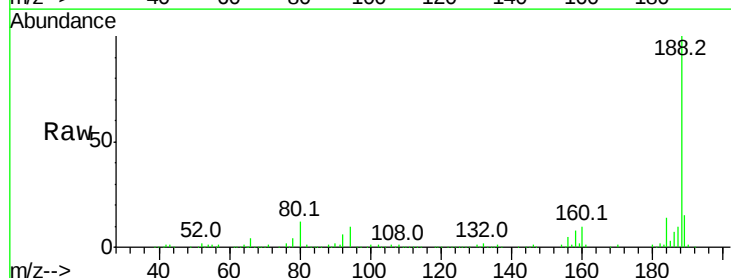
Tgt Ion:188 Resp: 325838

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

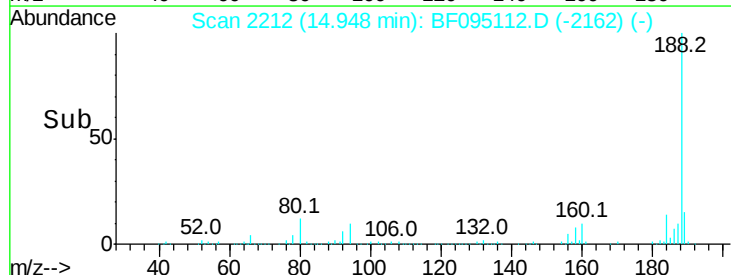
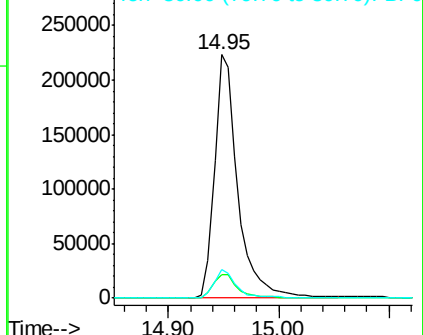
80 11.7 10.2 15.2

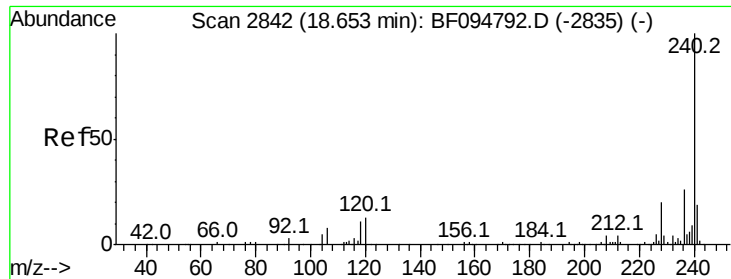


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

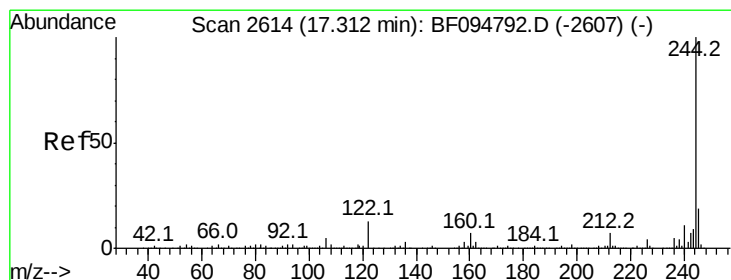
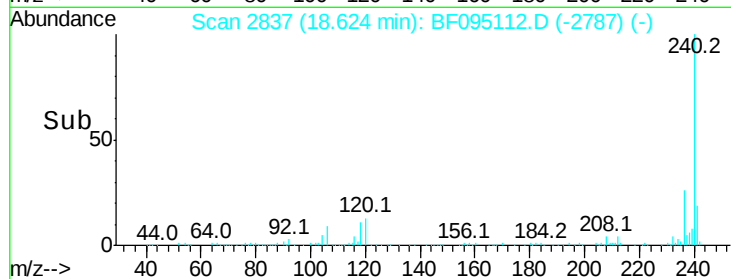
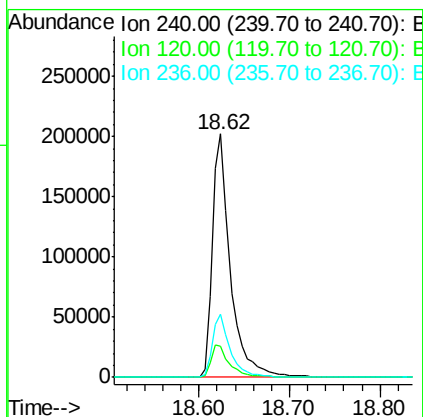
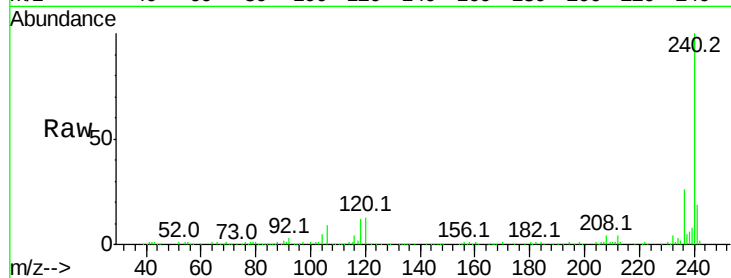




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.62 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BF095112.D
 Acq: 12 May 2017 15:17

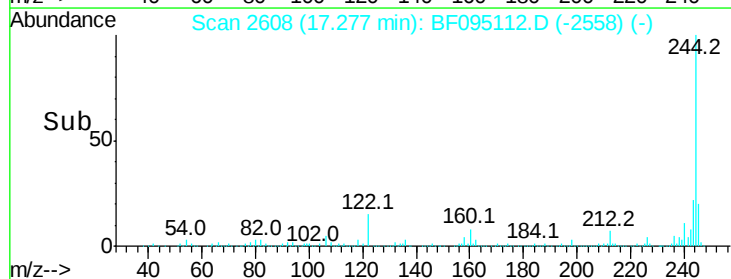
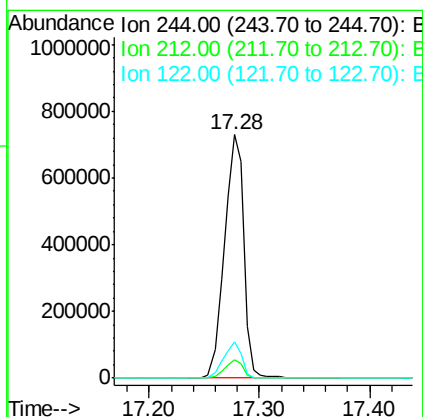
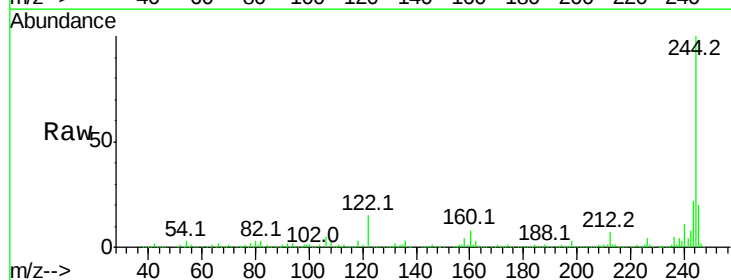
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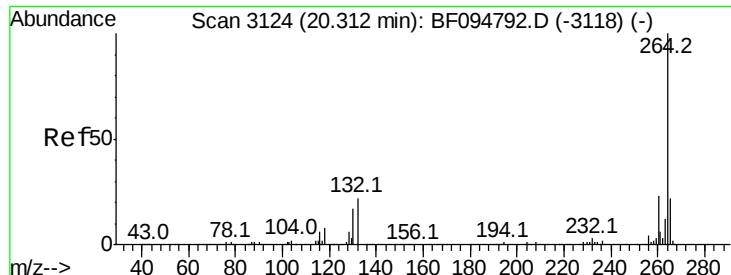
Tot Ion:240 Resp: 279270
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 25.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 70.44 ng
 RT: 17.28 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BF095112.D
 Acq: 12 May 2017 15:17

Tgt Ion:244 Resp: 893105
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.8 10.3 15.5

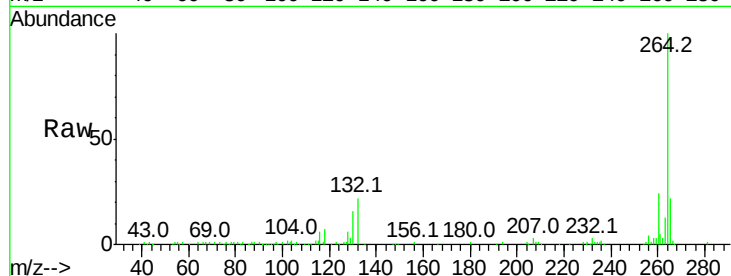




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BF095112.D
Acq: 12 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	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

