

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095113.D
 Acq On : 12 May 2017 15:49
 Operator : SJ/MA
 Sample : I3100-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-051017

Quant Time: May 12 18:14:35 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

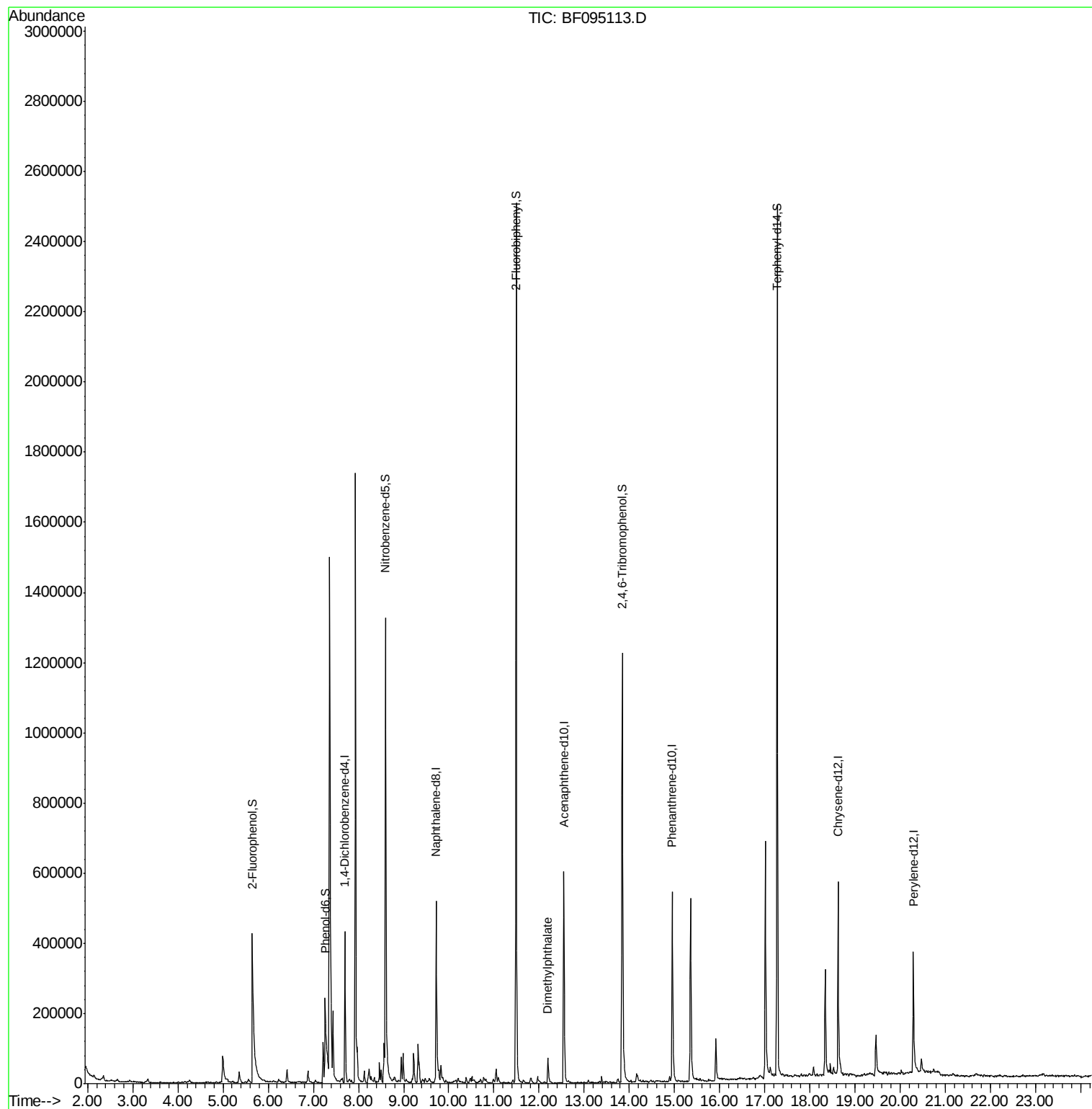
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	97729	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	373739	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	178777	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	337832	20.00	ng	0.00
75) Chrysene-d12	18.62	240	274329	20.00	ng	0.00
86) Perylene-d12	20.29	264	199521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	358592	61.17	ng	0.00
7) Phenol-d6	7.26	99	271681	38.63	ng	0.01
23) Nitrobenzene-d5	8.60	82	597855	100.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.85	330	220523	150.62	ng	0.00
44) 2-Fluorobiphenyl	11.49	172	1076363	86.66	ng	0.00
78) Terphenyl-d14	17.28	244	1040303	83.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.19	163	54891	3.74	ng	98

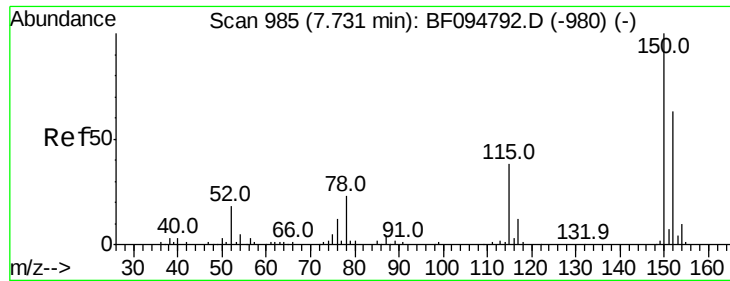
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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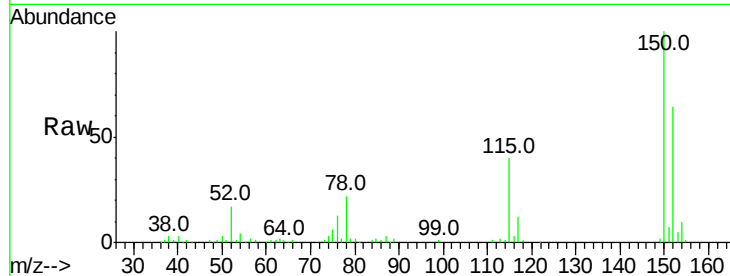


#1

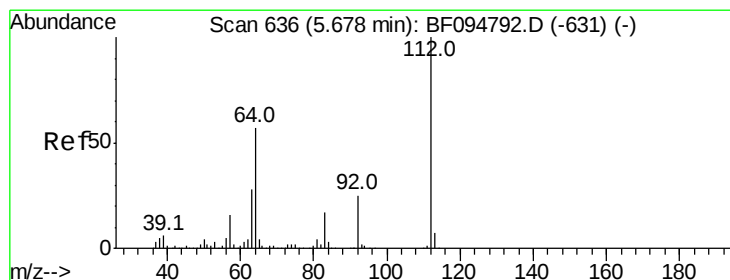
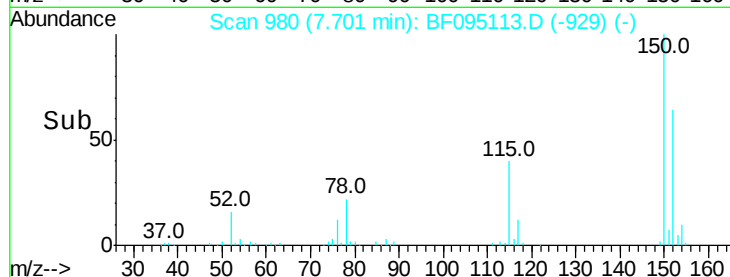
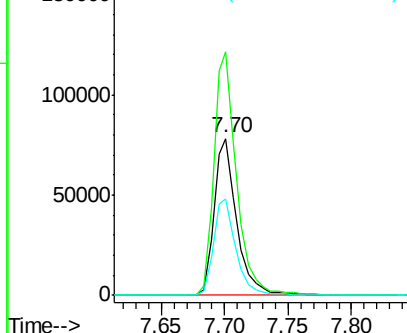
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Instrument :
BNA_F
ClientSampleId :
MW-2A-051017

Tot Ion:152 Resp: 97729
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 61.5 52.2 78.2



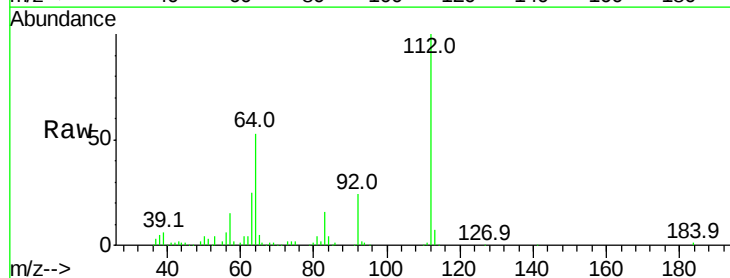
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



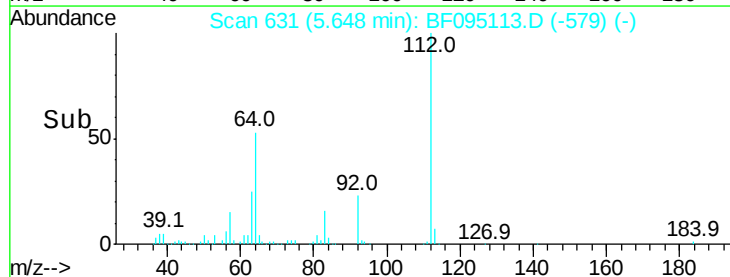
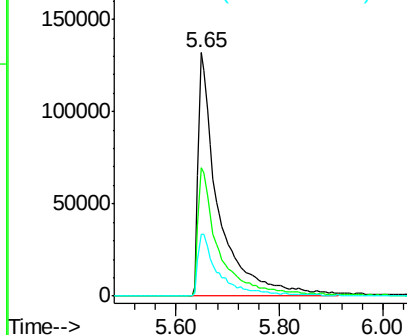
#5

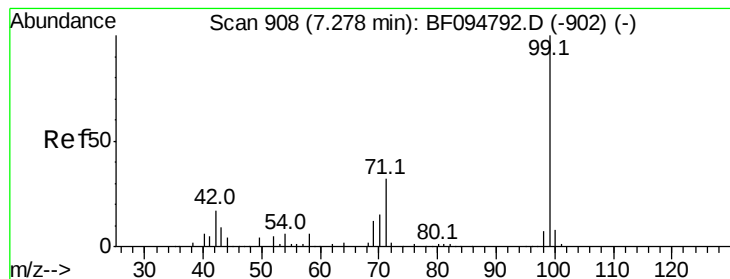
2-Fluorophenol
Concen: 61.17 ng
RT: 5.65 min Scan# 631
Delta R.T. 0.01 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Tgt Ion:112 Resp: 358592
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 25.4 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: 38.63 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampleId :

MW-2A-051017

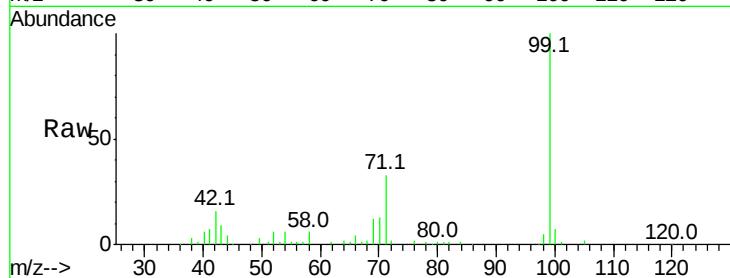
Tot Ion: 99 Resp: 271681

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

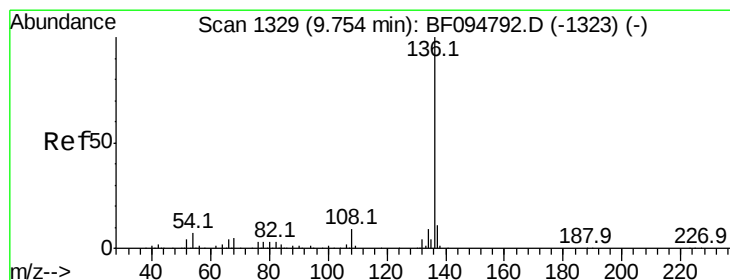
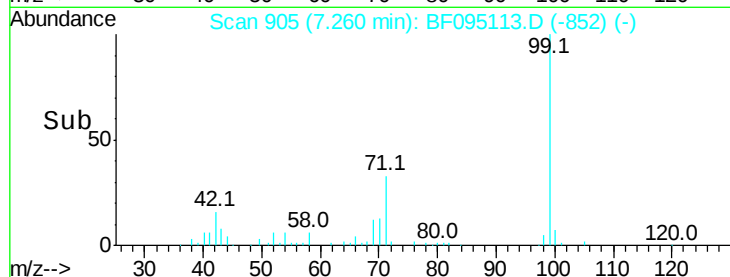
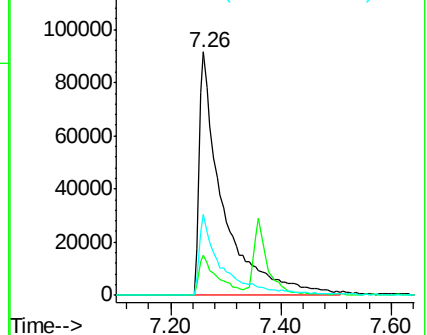
71 33.1 24.5 36.7



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: BF095113.D

Acq: 12 May 2017 15:49

Tgt Ion: 136 Resp: 373739

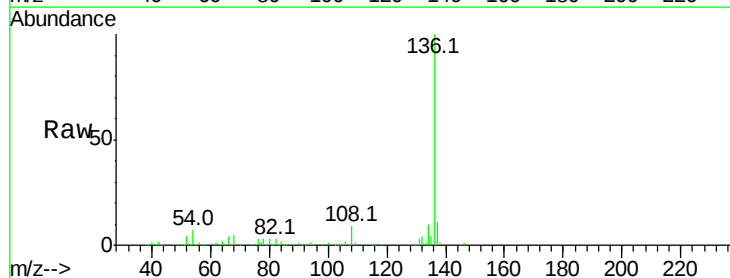
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.2 4.9 7.3

68 4.8 4.1 6.1

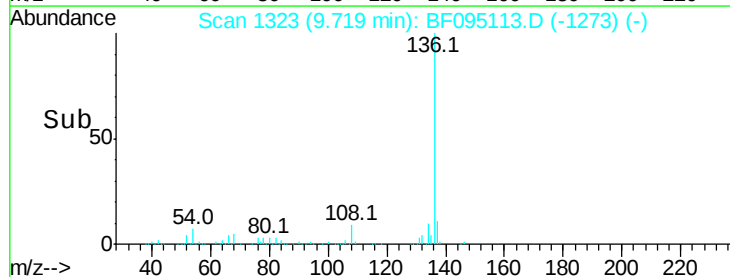
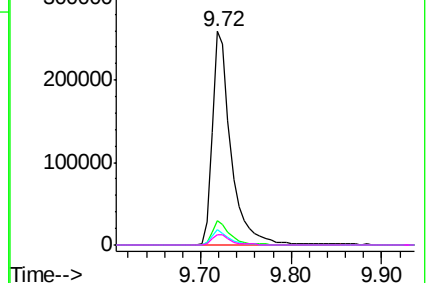


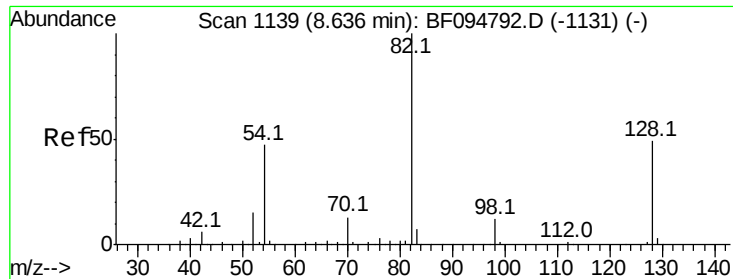
Abundance Ion 136.00 (135.70 to 136.70): E

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

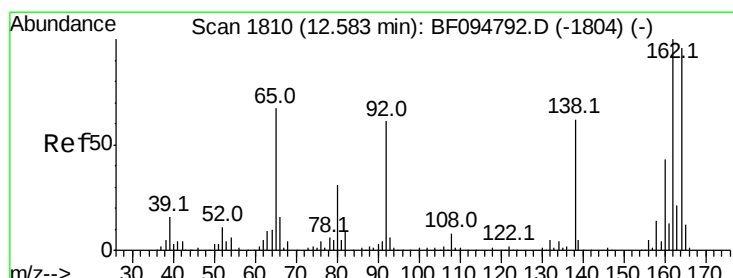
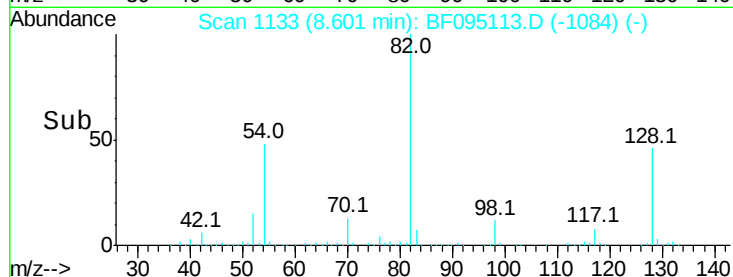
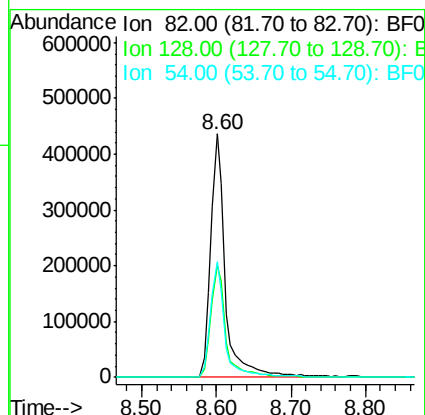
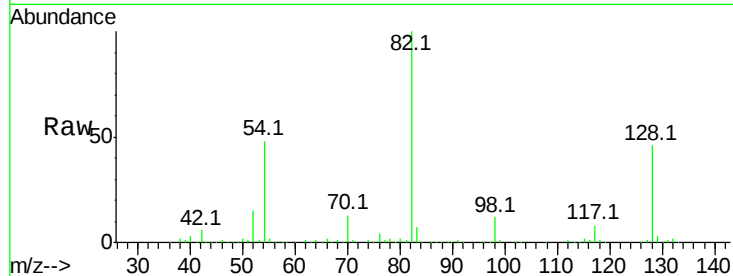




#23
 Nitrobenzene-d5
 Concen: 100.87 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

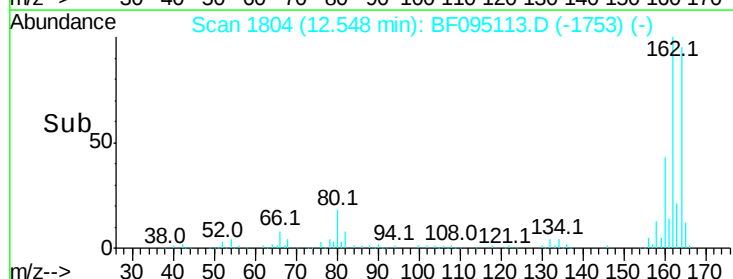
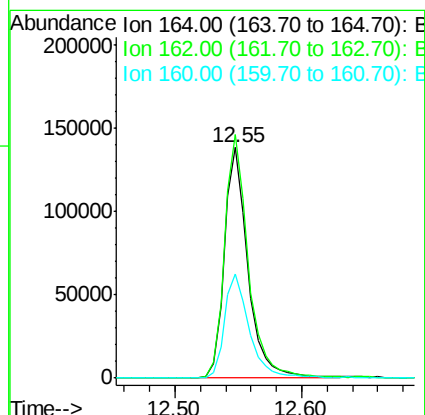
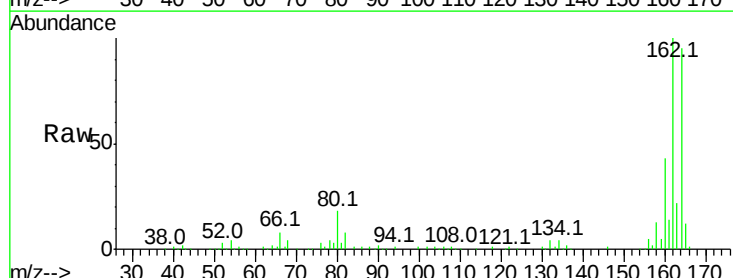
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-051017

Tot Ion: 82 Resp: 597855
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 47.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

Tgt Ion: 164 Resp: 178777
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 45.1 36.2 54.2

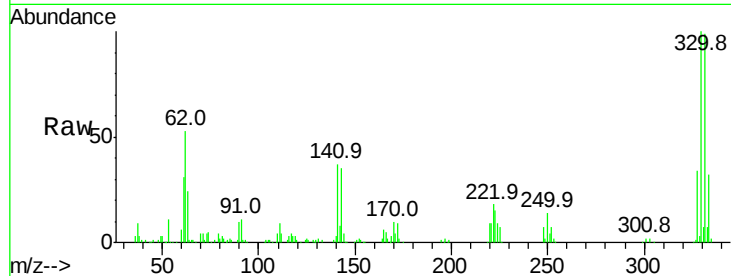




#41
 2,4,6-Tribromophenol
 Concen: 150.62 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-051017

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	40.7	31.4	47.2

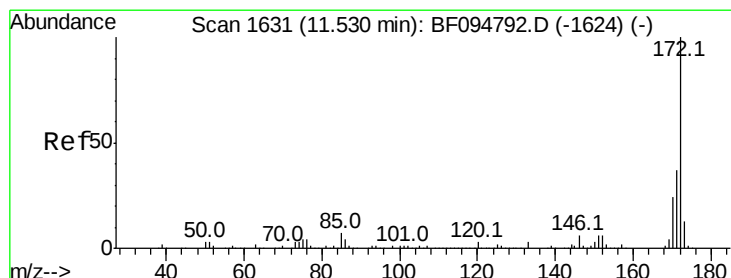
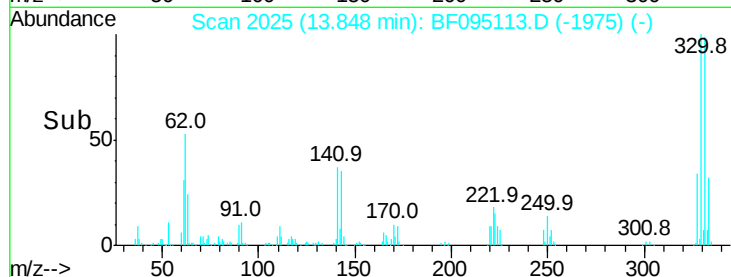
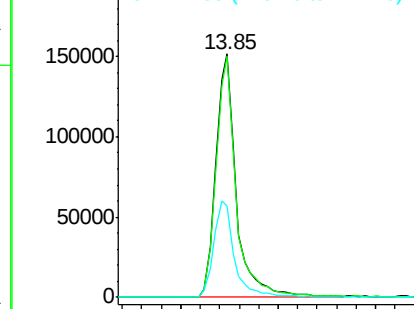


Abundance

Ion 329.80 (329.50 to 330.50): E

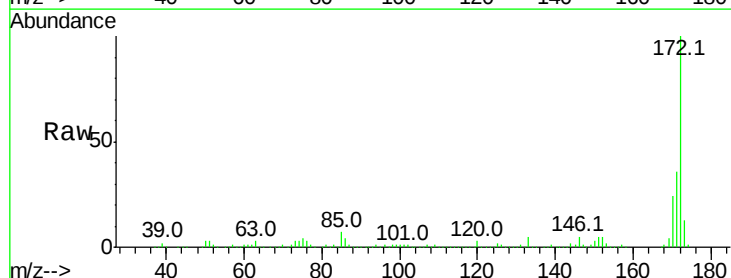
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.66 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

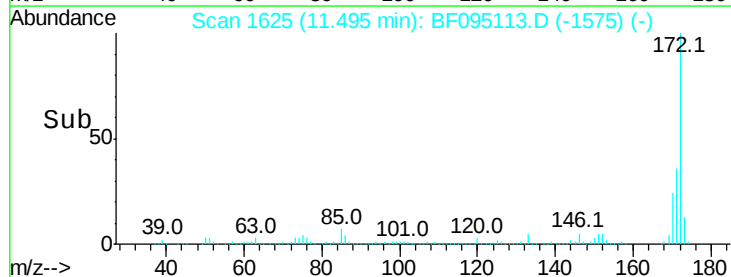
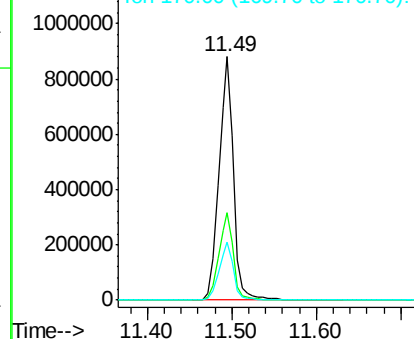


Abundance

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: 3.74 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampleId :

MW-2A-051017

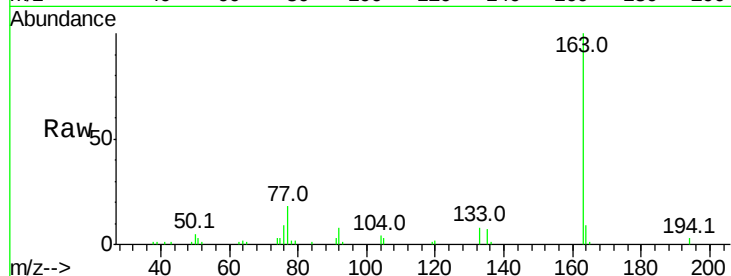
Tot Ion:163 Resp: 54891

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

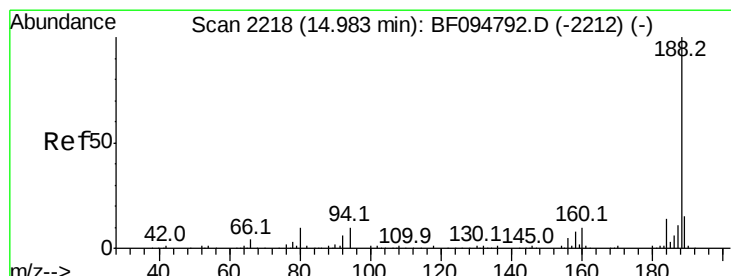
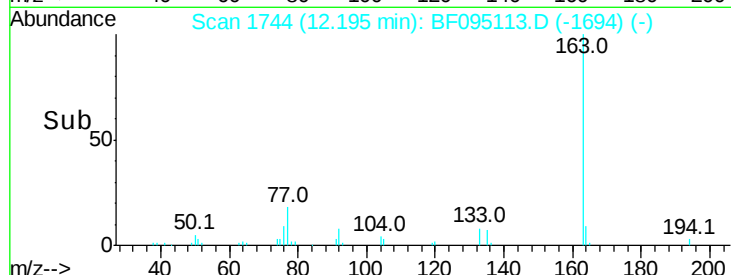
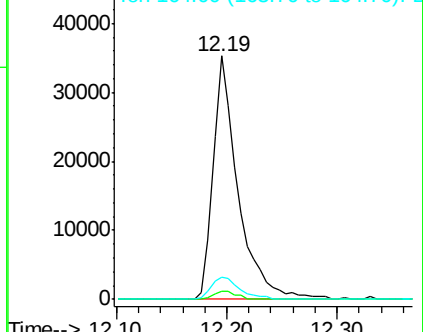
164 9.3 8.4 12.6



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# 2213

Delta R.T. -0.00 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

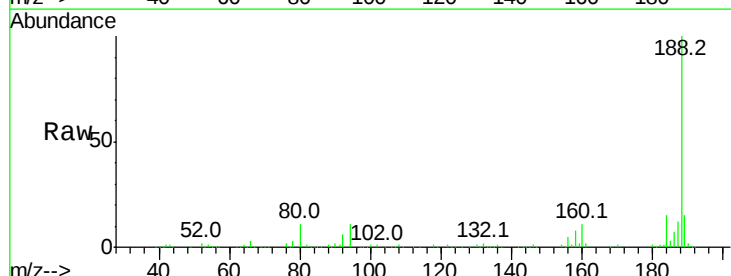
Tgt Ion:188 Resp: 337832

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

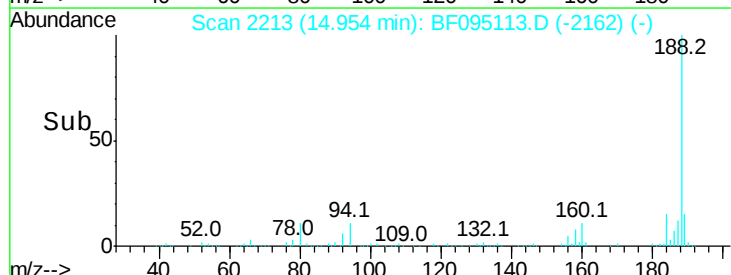
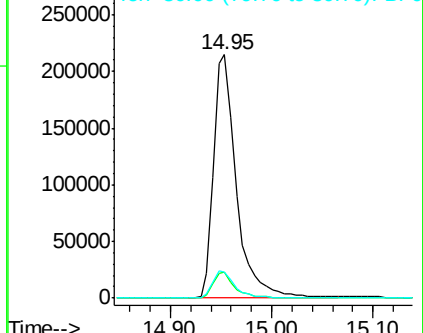
80 10.6 10.2 15.2

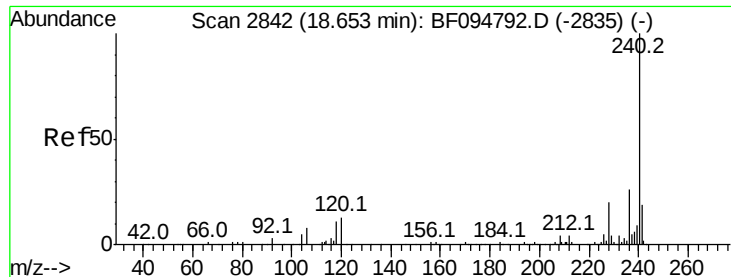


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampleId :

MW-2A-051017

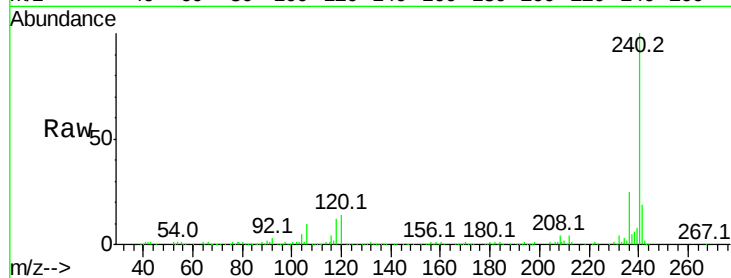
Tot Ion:240 Resp: 274329

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

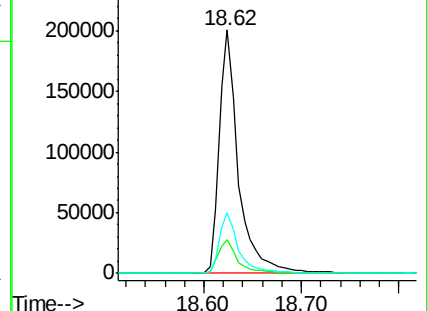
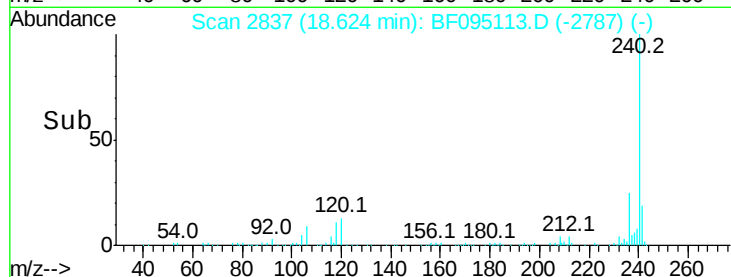
236 25.0 20.5 30.7



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: 83.53 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

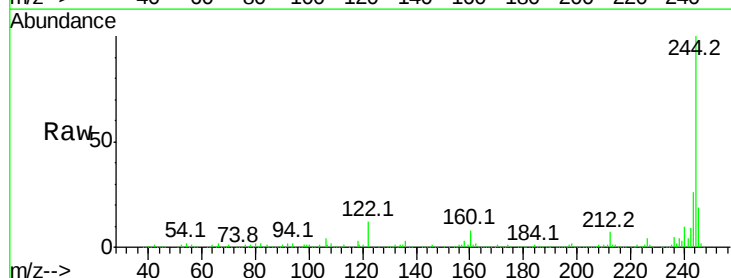
Tgt Ion:244 Resp: 1040303

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

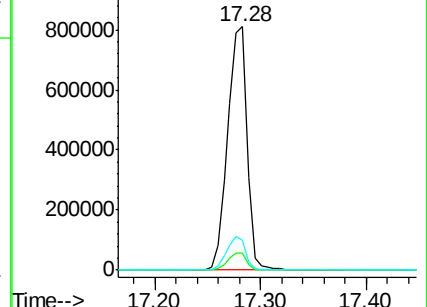
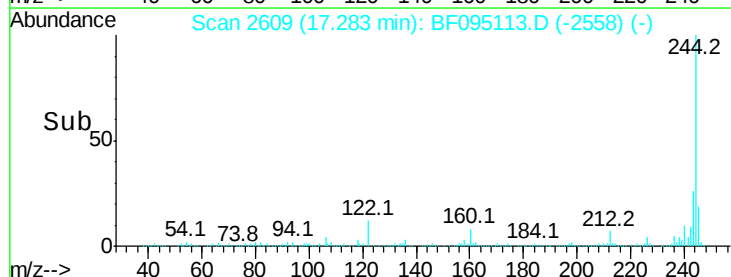
122 12.5 10.3 15.5

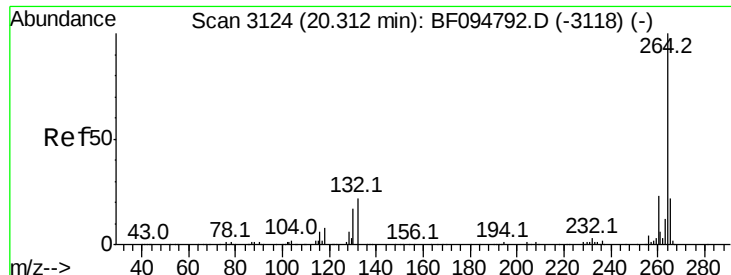


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

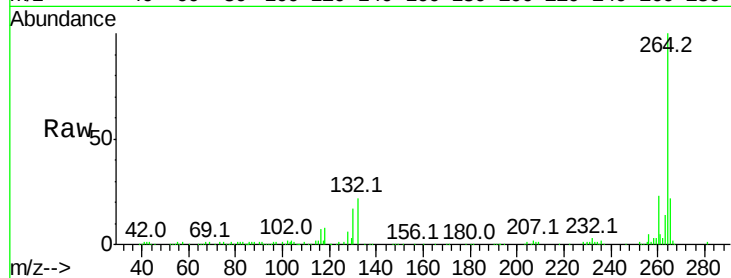




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Instrument :
BNA_F
ClientSampleId :
MW-2A-051017

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

