

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099593.D
 Acq On : 17 Oct 2017 20:51
 Operator : SJ/JU
 Sample : I5869-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-10-11-17

Quant Time: Oct 18 00:07:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

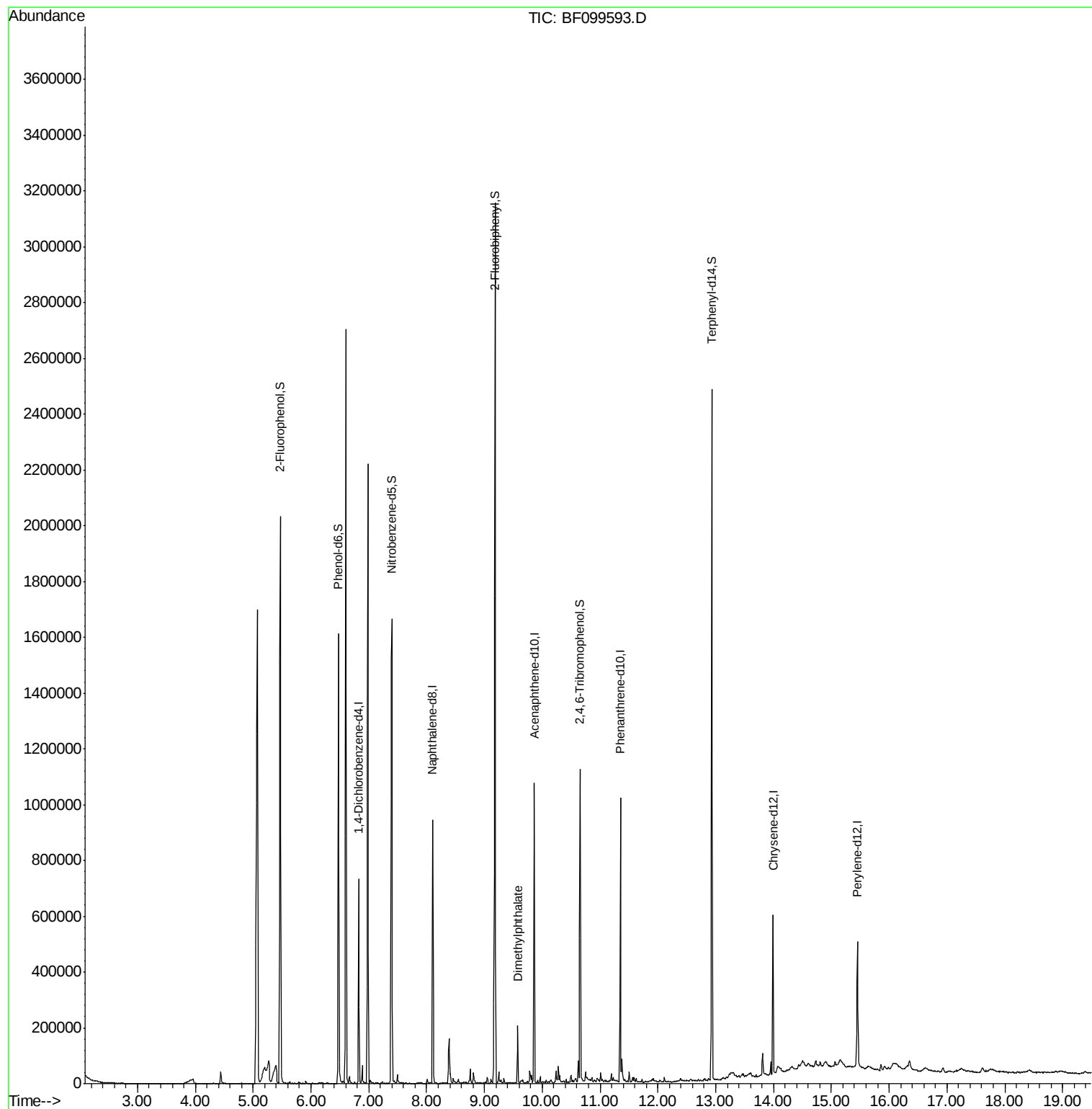
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116583	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	478130	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	211267	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	339303	20.00	ng	0.00
75) Chrysene-d12	13.99	240	193137	20.00	ng	0.00
86) Perylene-d12	15.45	264	192687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	609802	83.27	ng	0.02
7) Phenol-d6	6.47	99	603704	66.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	649362	87.10	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	136588	79.01	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1185825	93.70	ng	0.00
78) Terphenyl-d14	12.93	244	786419	92.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	76569	4.802	ng	Qvalue 100

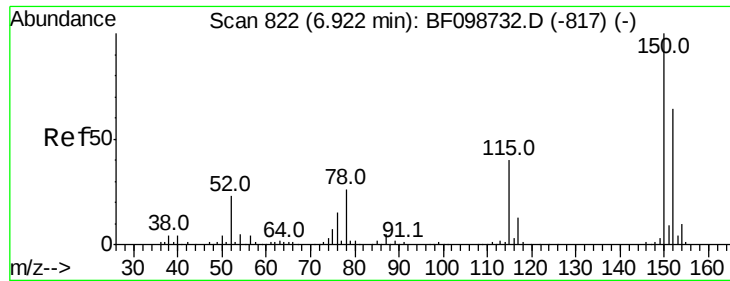
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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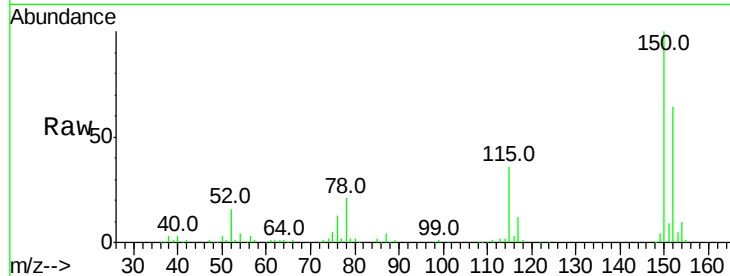


#1

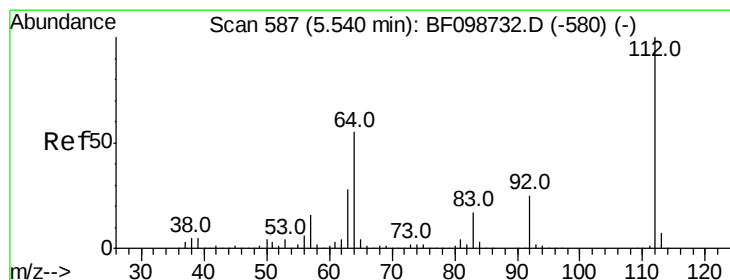
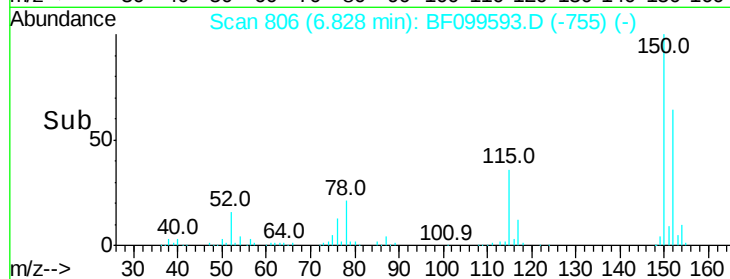
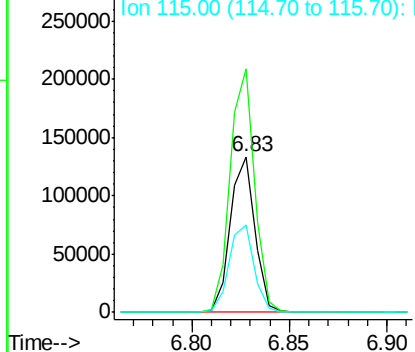
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-10-11-17

Tot Ion:152 Resp: 116583
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 56.6 50.1 75.1



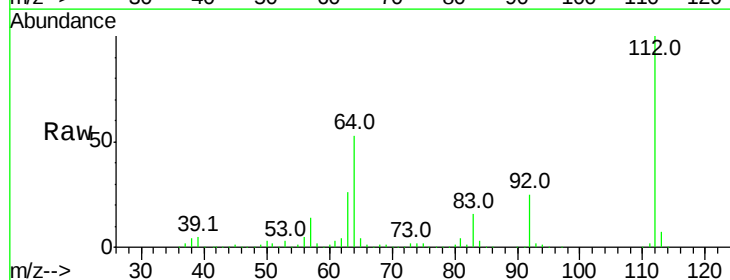
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



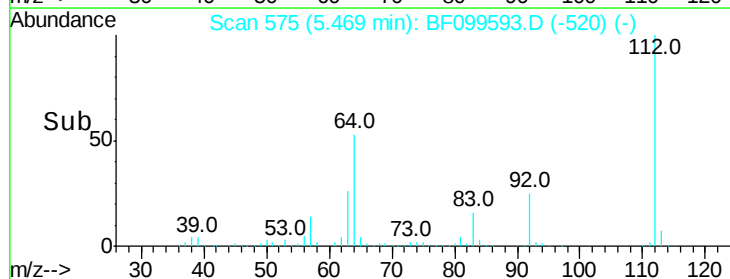
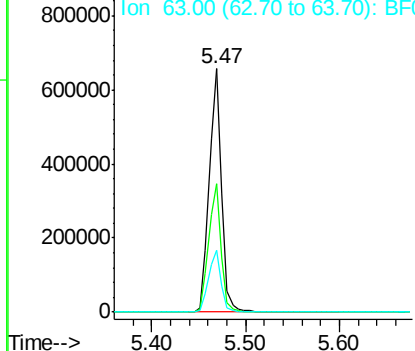
#5

2-Fluorophenol
 Concen: 83.266 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Tgt Ion:112 Resp: 609802
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.5 23.7 35.5



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: 66.823 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

MW-1-10-11-17

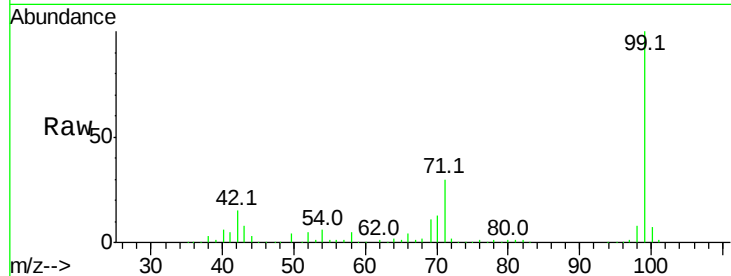
Tot Ion: 99 Resp: 603704

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

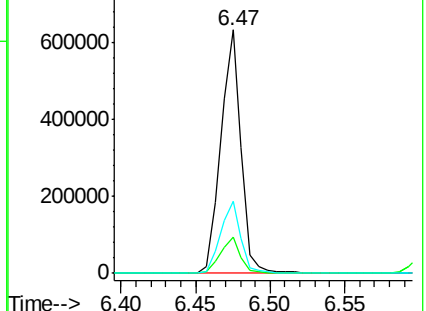
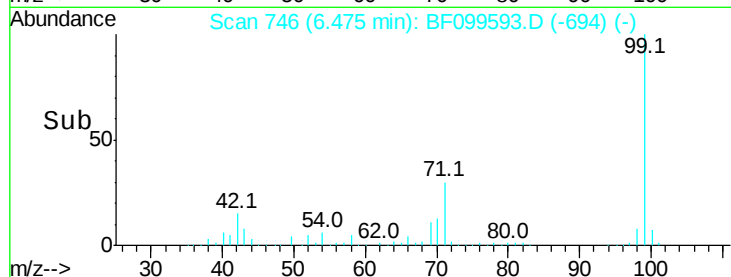
71 29.9 25.4 38.0



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: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Tgt Ion: 136 Resp: 478130

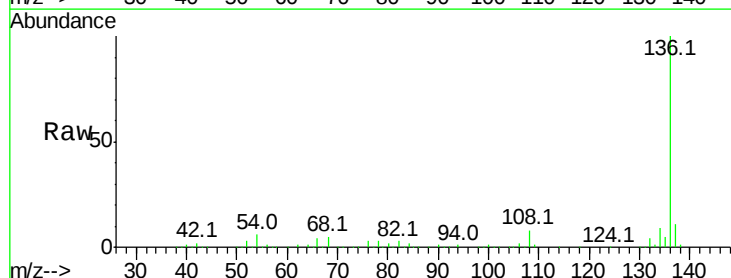
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

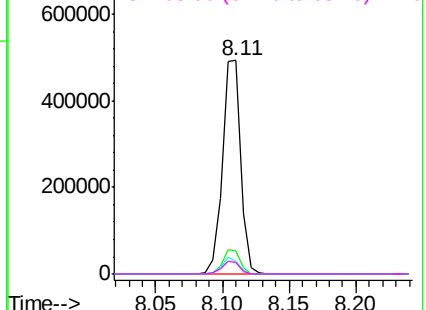
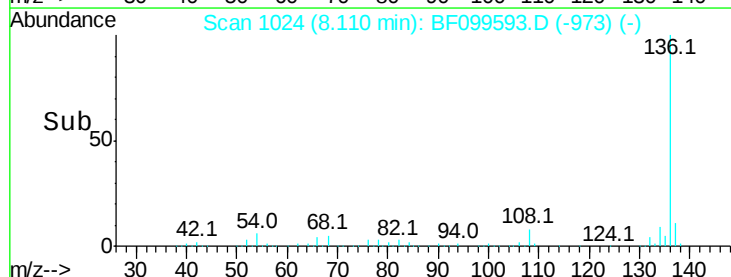


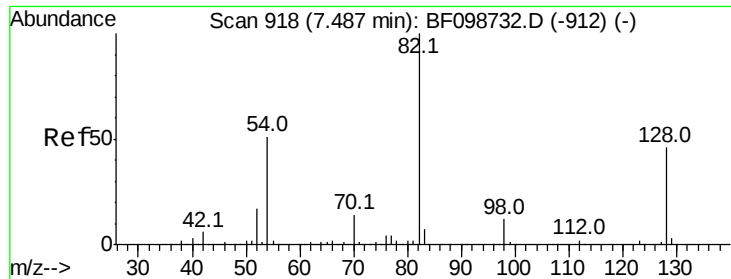
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.097 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

MW-1-10-11-17

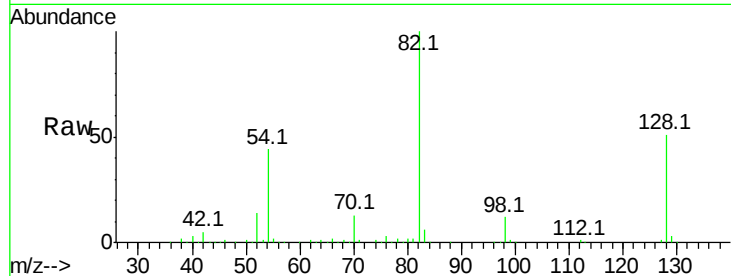
Tot Ion: 82 Resp: 649362

Ion Ratio Lower Upper

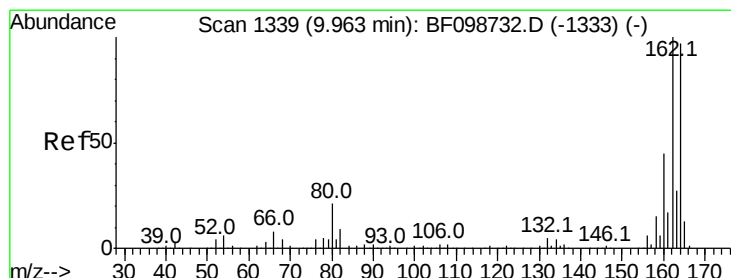
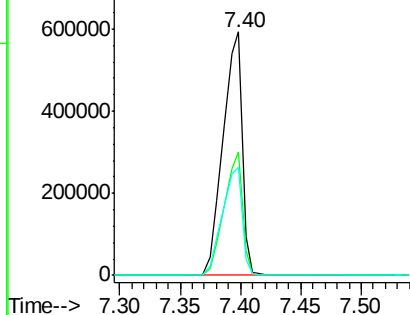
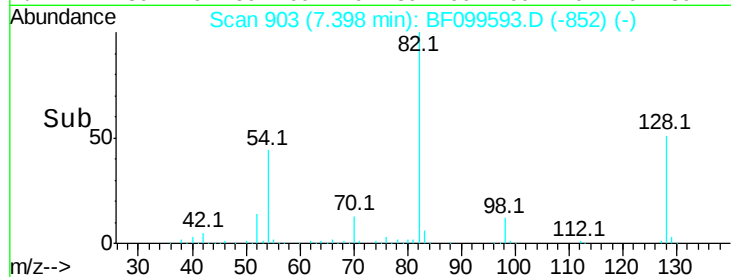
82 100

128 50.7 36.1 54.1

54 44.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

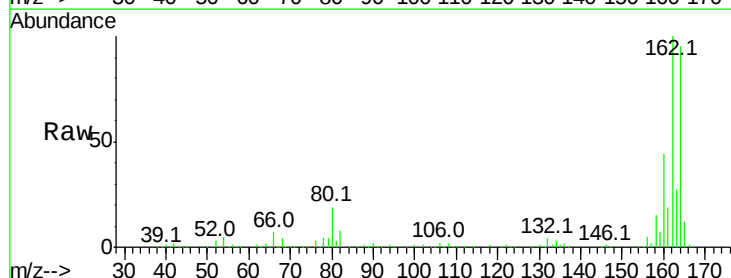
Tgt Ion:164 Resp: 211267

Ion Ratio Lower Upper

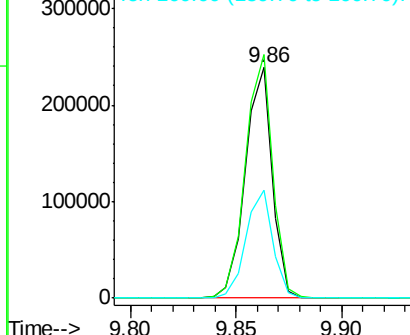
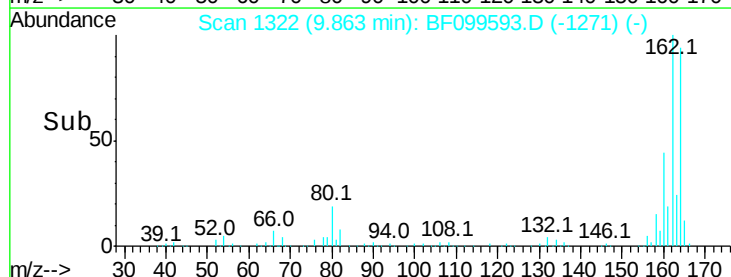
164 100

162 105.6 86.1 129.1

160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

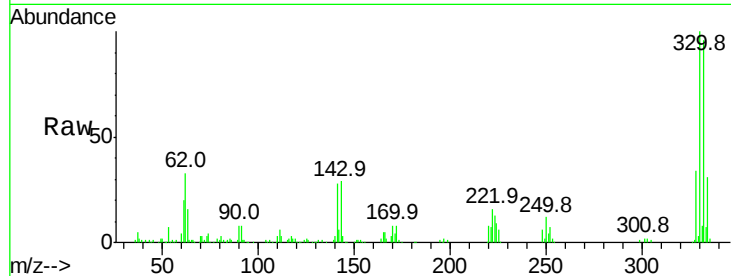




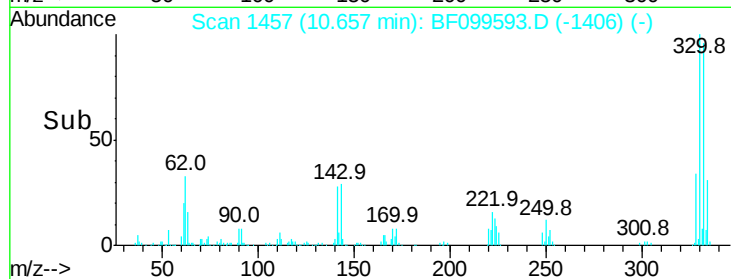
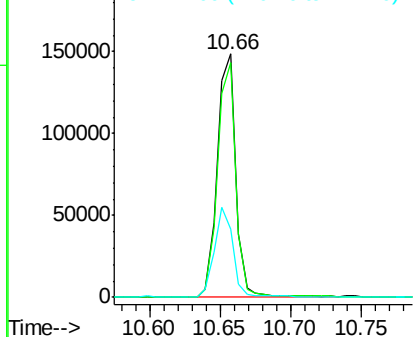
#41
 2,4,6-Tribromophenol
 Concen: 79.010 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-10-11-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.3	29.9	44.9

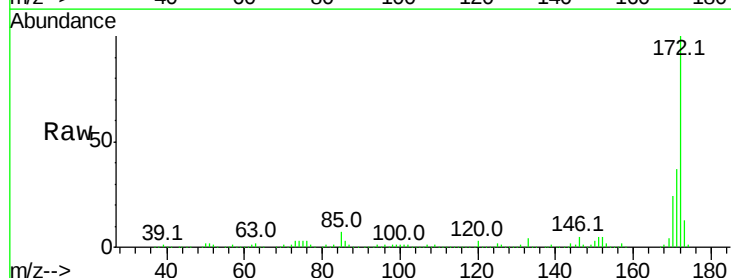


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

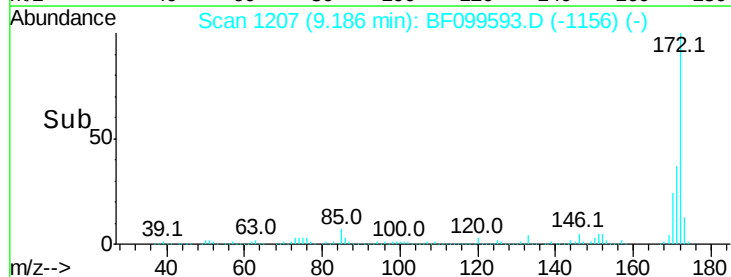
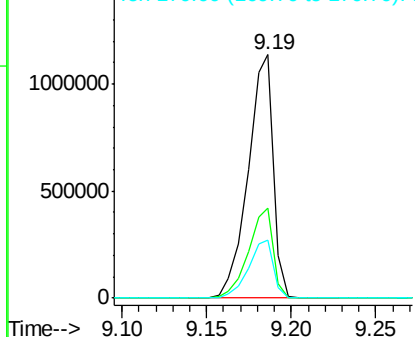


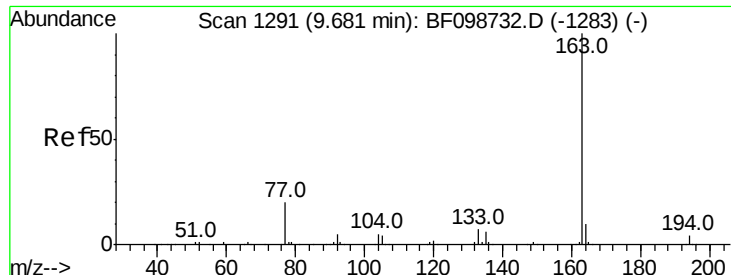
#44
 2-Fluorobiphenyl
 Concen: 93.703 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	23.8	19.6	29.4



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

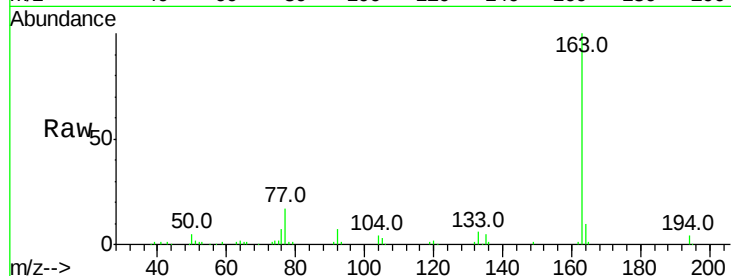




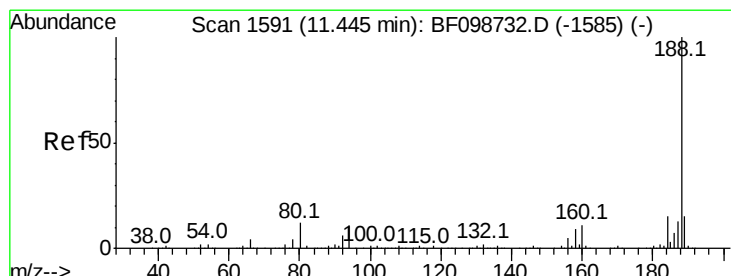
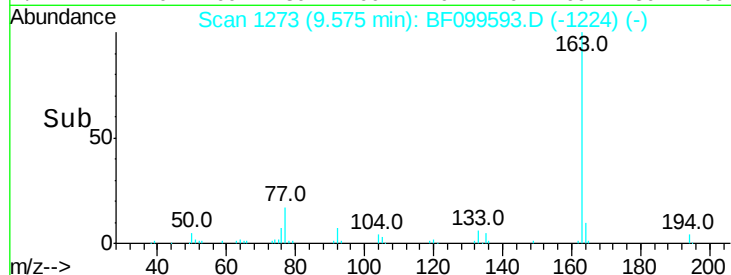
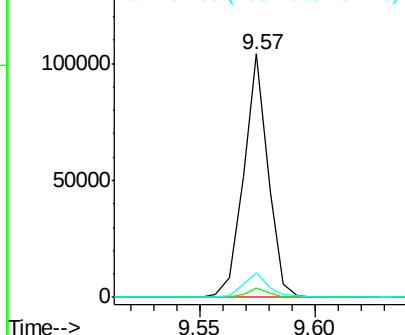
#49
 Dimethylphthalate
 Concen: 4.802 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Instrument :
 BNA_F
 ClientSampled :
 MW-1-10-11-17

Tot Ion:163 Resp: 76569
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.1 8.2 12.2

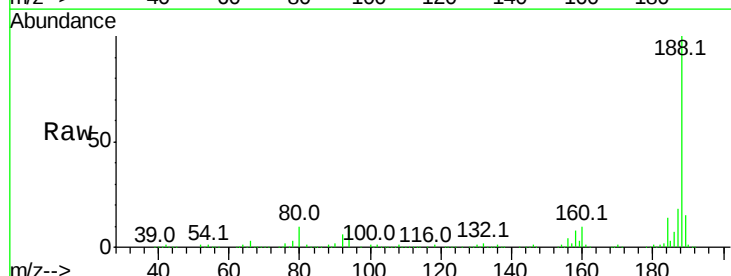


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

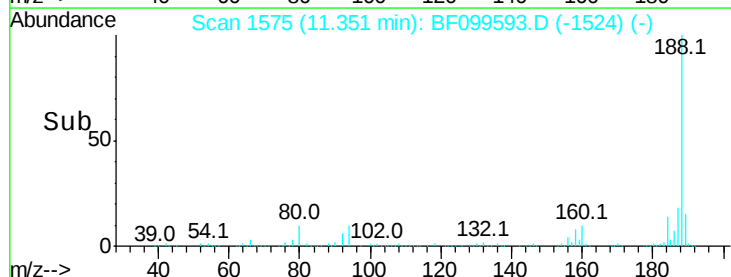
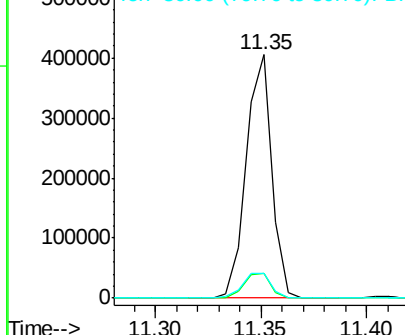


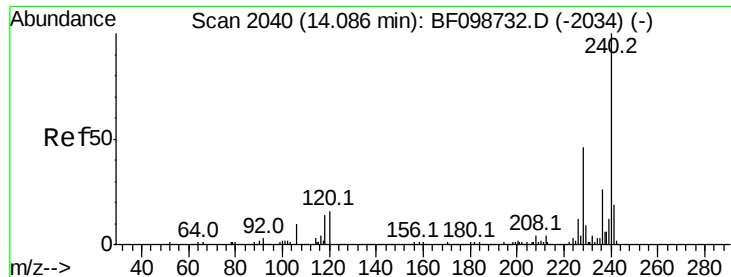
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Tgt Ion:188 Resp: 339303
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.2 9.2 13.8



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: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

MW-1-10-11-17

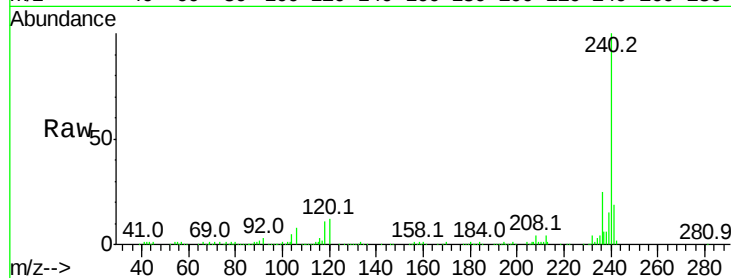
Tot Ion:240 Resp: 193137

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

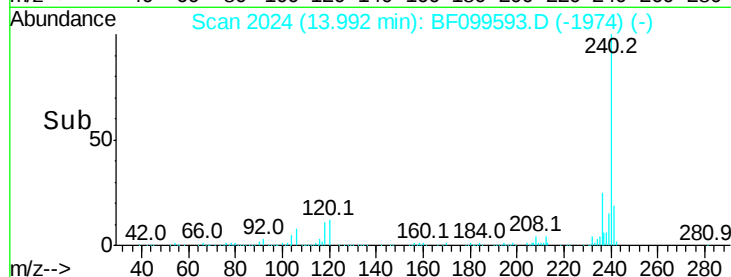
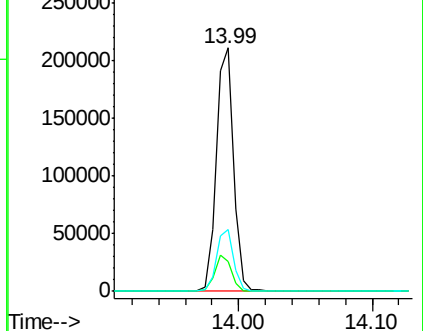
236 25.3 20.7 31.1



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: 92.601 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

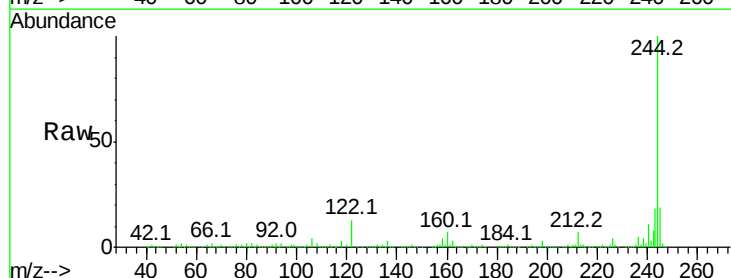
Tgt Ion:244 Resp: 786419

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

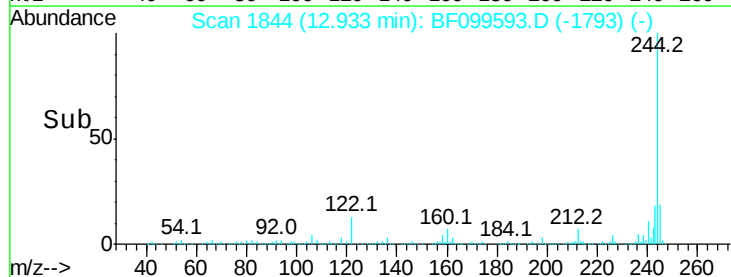
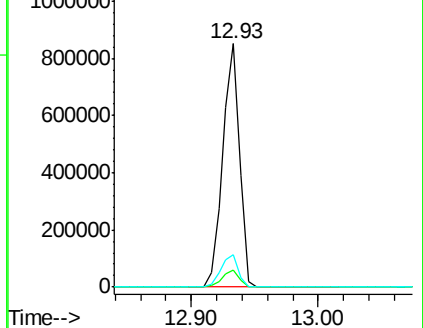
122 13.3 11.0 16.4

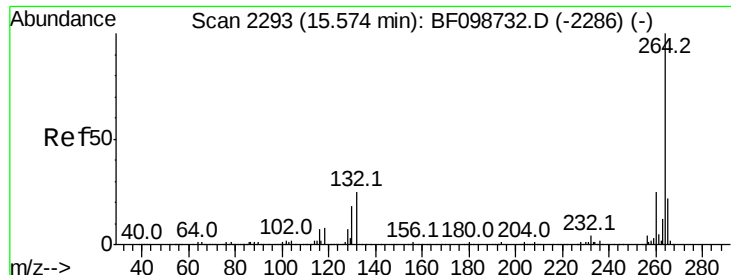


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

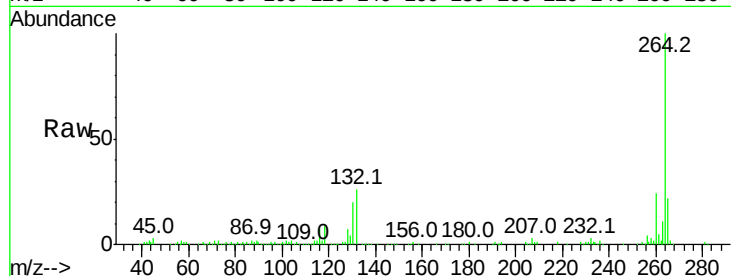




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Instrument :
BNA_F
ClientSampleId :
MW-1-10-11-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3



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

