

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099738.D
 Acq On : 21 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I6036-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Oct 22 01:47:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

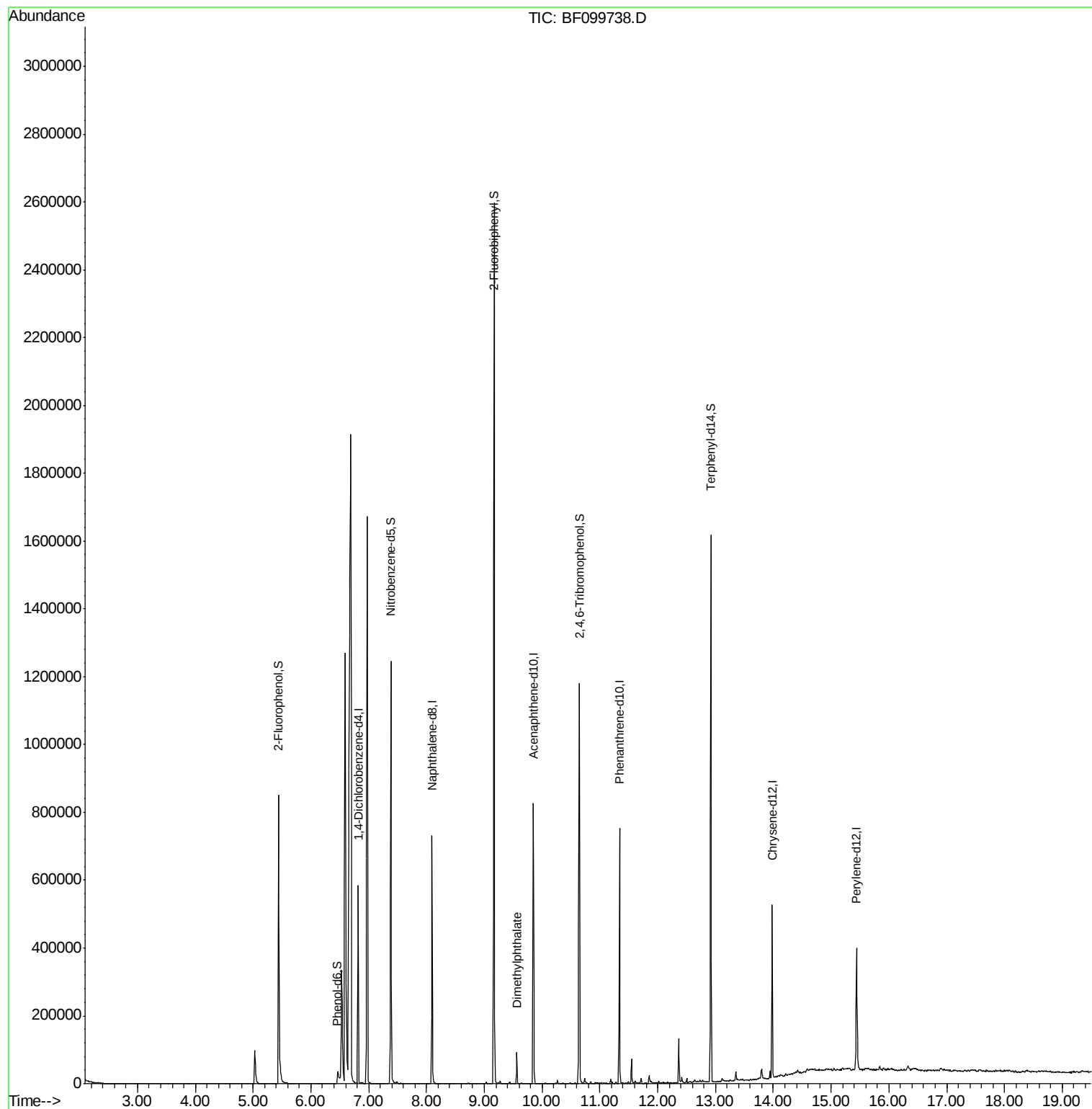
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	89297	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	365459	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	163730	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	261373	20.00	ng	0.00
75) Chrysene-d12	13.98	240	158692	20.00	ng	0.00
86) Perylene-d12	15.44	264	160623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	296932	52.93	ng	0.00
7) Phenol-d6	6.46	99	25841	3.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	433840	76.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	147705	110.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	871524	88.86	ng	0.00
78) Terphenyl-d14	12.92	244	550441	78.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	36703	2.970	ng	Qvalue # 99

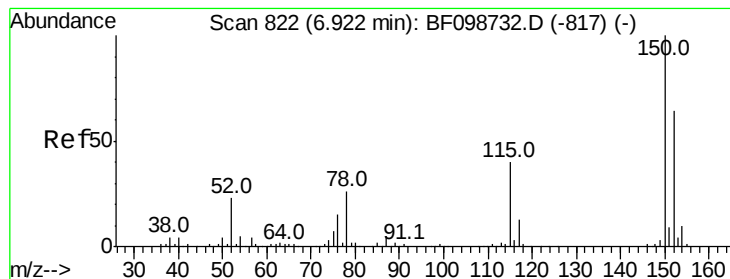
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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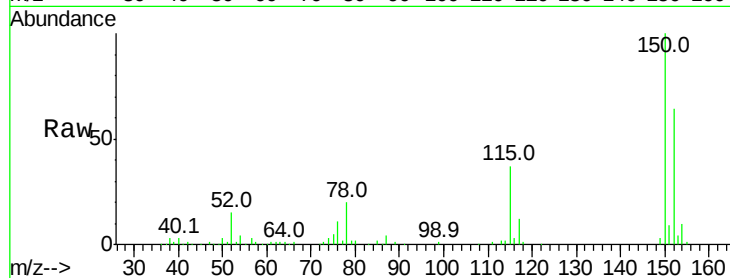


#1

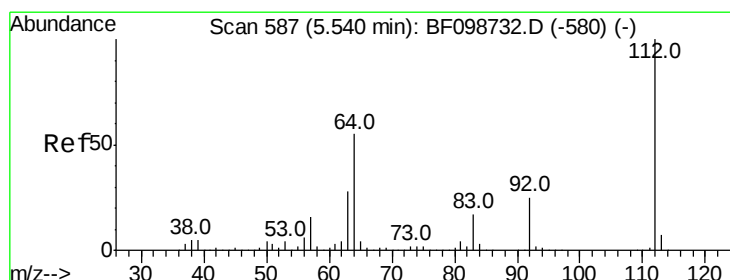
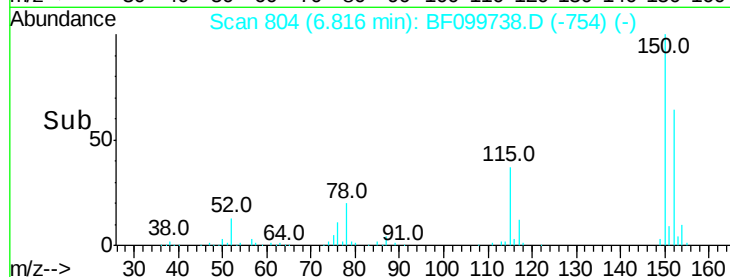
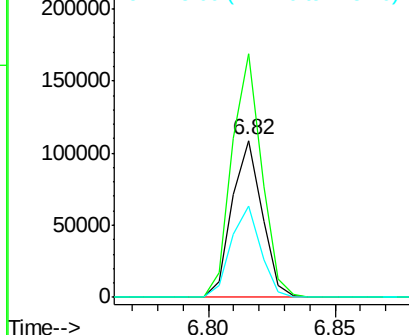
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:152 Resp: 89297
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 58.3 50.1 75.1



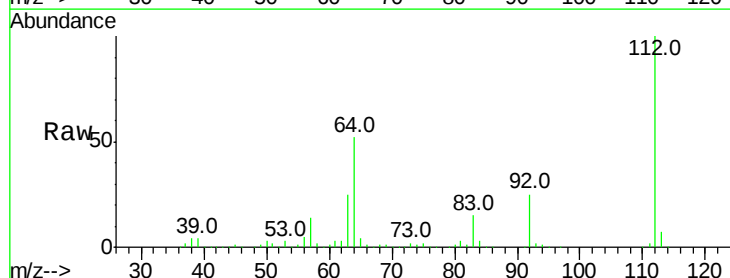
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



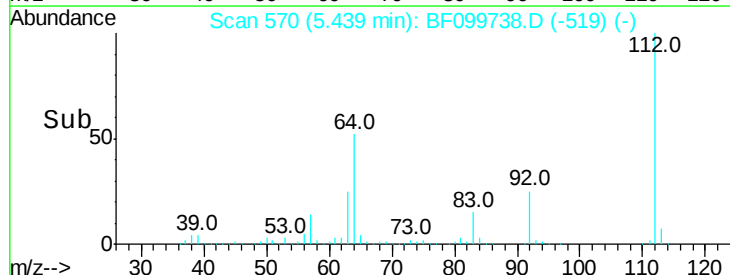
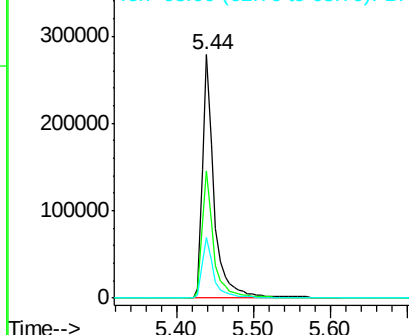
#5

2-Fluorophenol
 Concen: 52.934 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Tgt Ion:112 Resp: 296932
 Ion Ratio Lower Upper
 112 100
 64 52.1 47.9 71.9
 63 24.8 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: 3.734 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Instrument :

BNA_F

ClientSampleId :

MW-4

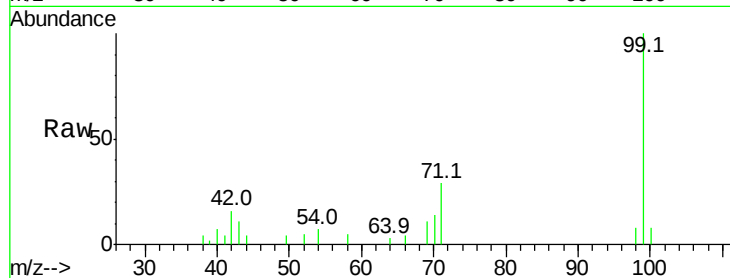
Tot Ion: 99 Resp: 25841

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

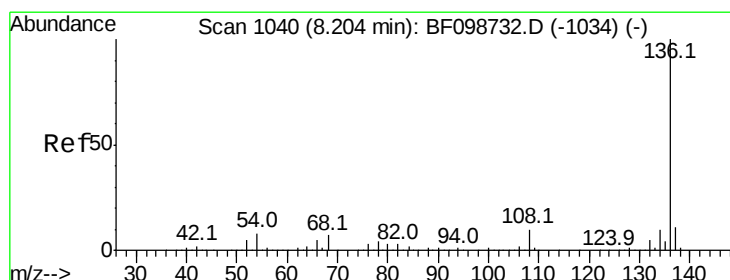
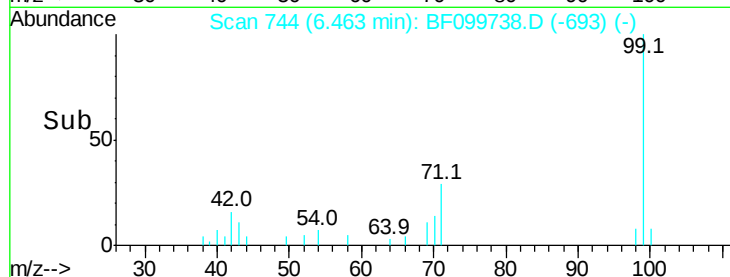
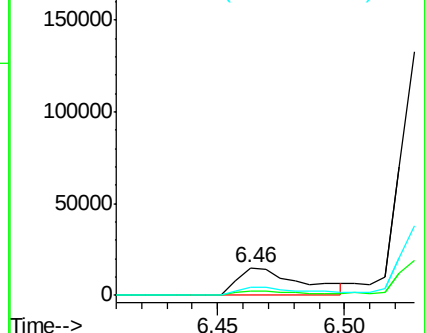
71 28.7 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Tgt Ion: 136 Resp: 365459

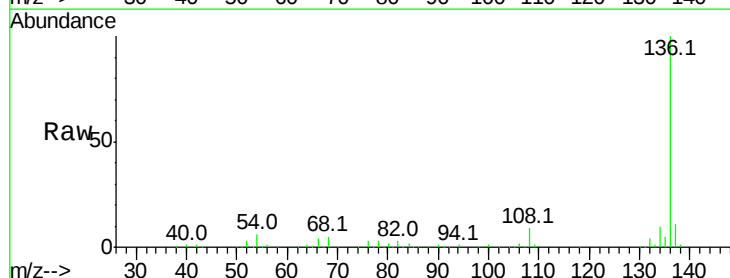
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

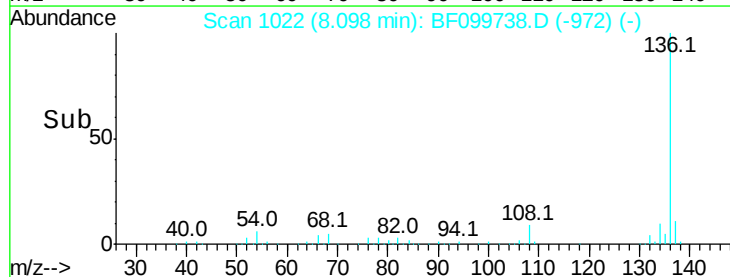
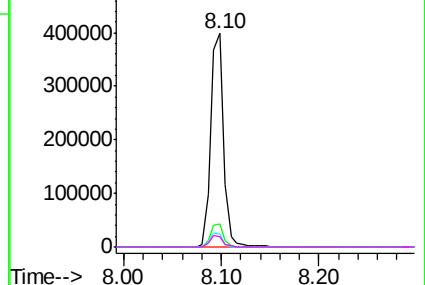


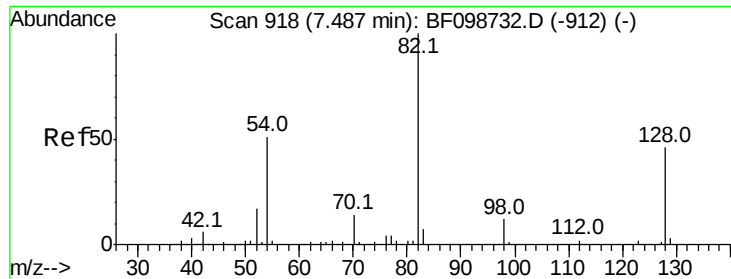
Abundance Ion 136.00 (135.70 to 136.70): E

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

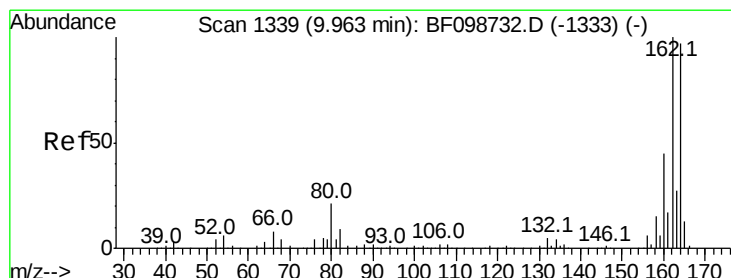
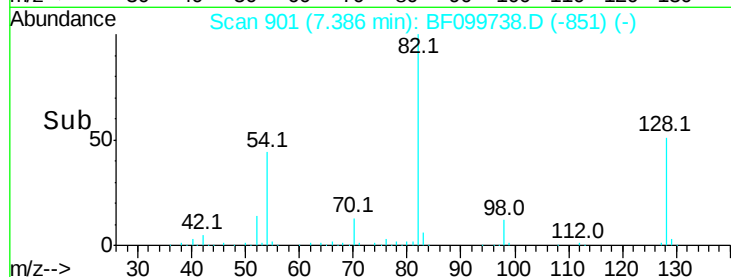
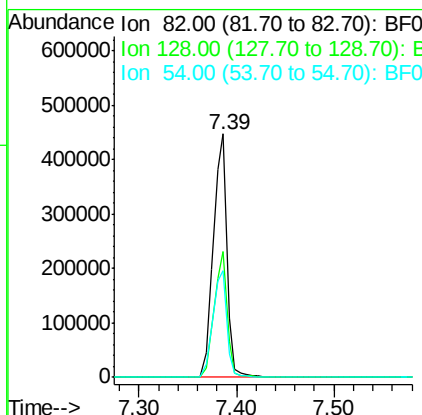
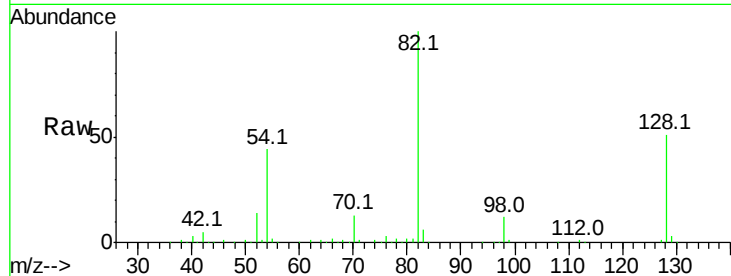




#23
 Nitrobenzene-d5
 Concen: 76.130 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

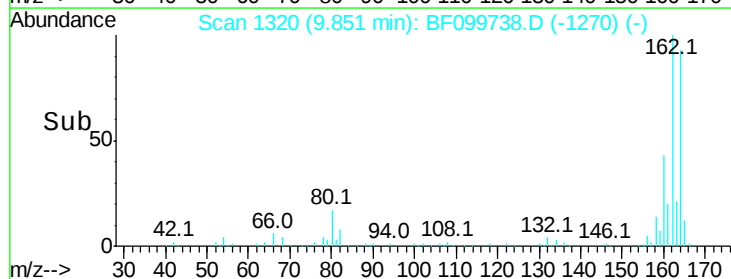
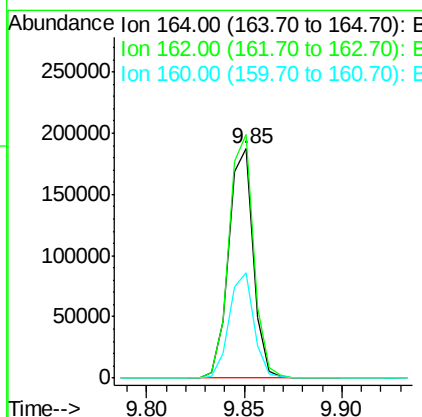
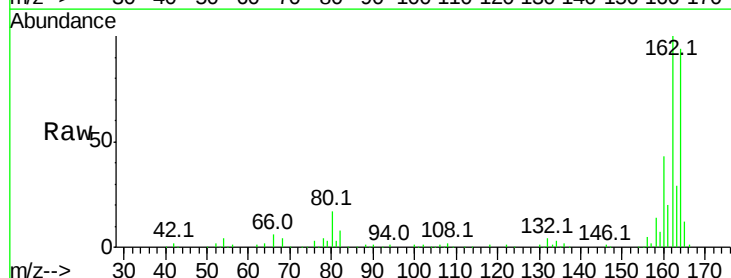
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion: 82 Resp: 433840
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 43.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Tgt Ion: 164 Resp: 163730
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 45.8 38.3 57.5

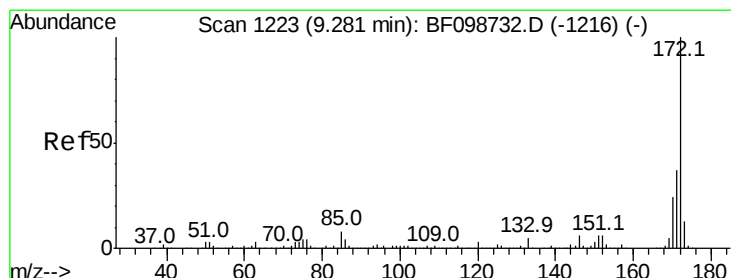
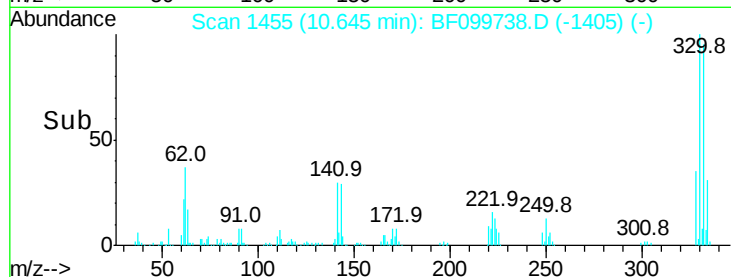
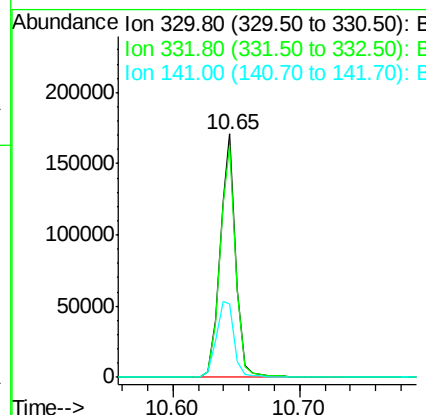
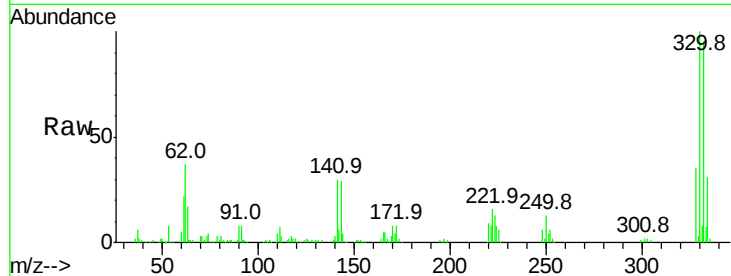




#41
 2,4,6-Tribromophenol
 Concen: 110.248 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

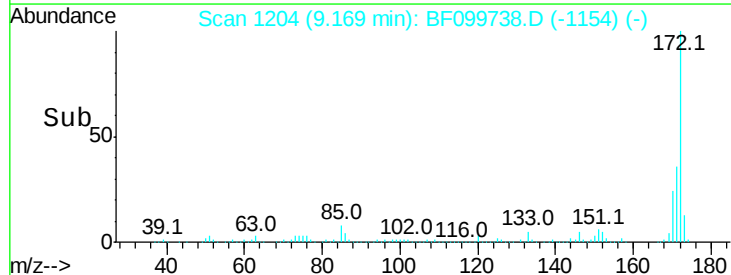
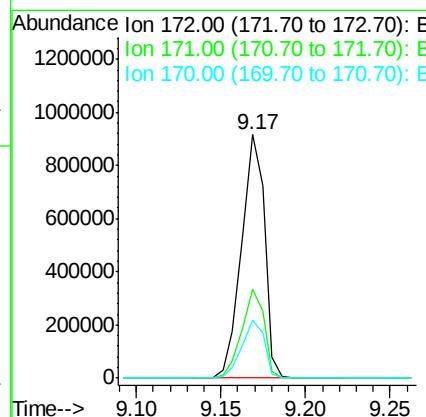
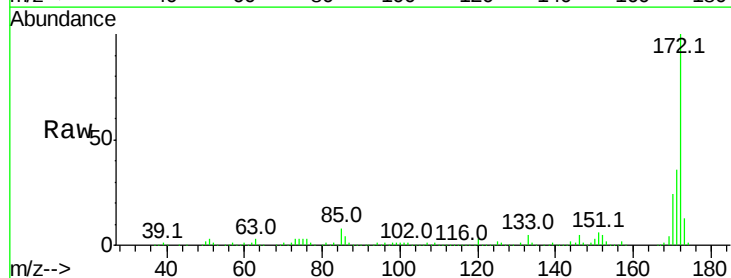
Instrument :
 BNA_F
 ClientSampled :
 MW-4

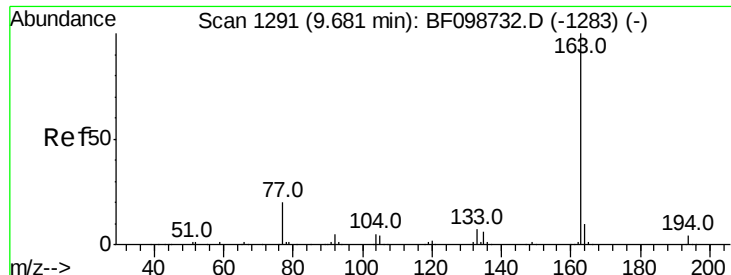
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.862 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

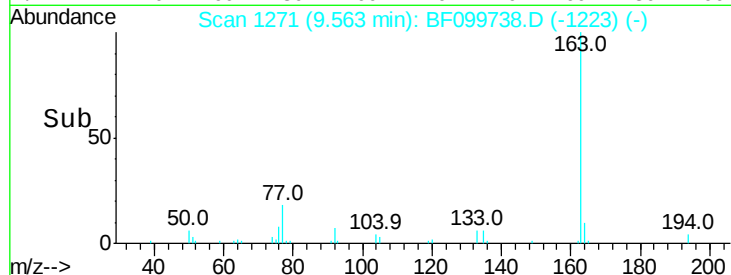
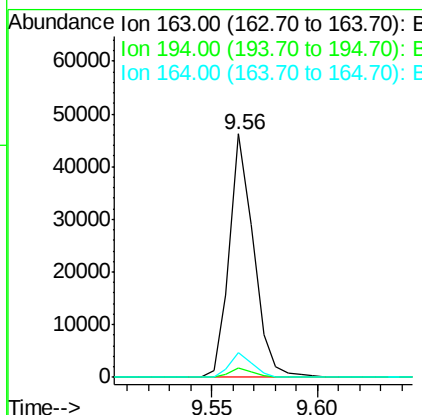
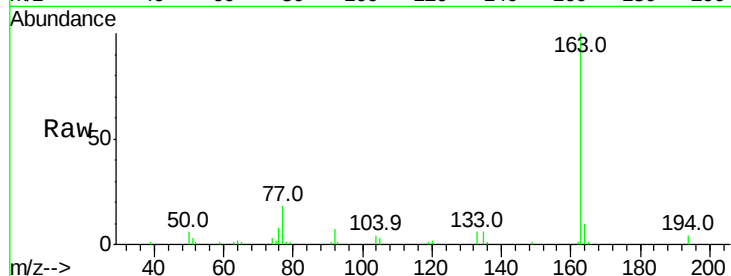




#49
Dimethylphthalate
Concen: 2.970 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

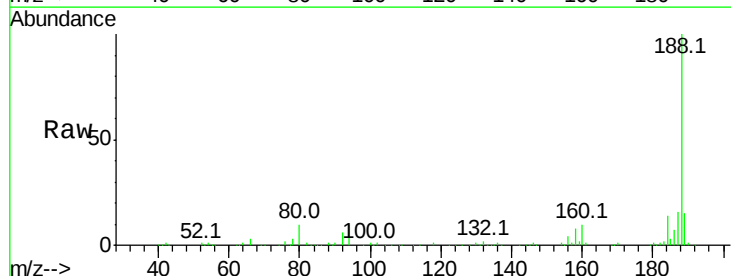
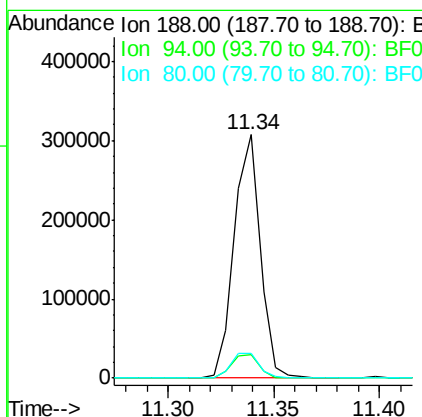
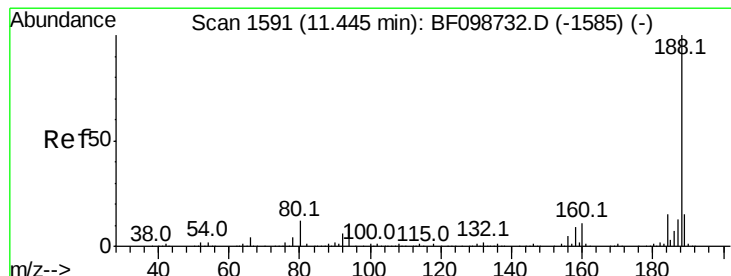
Instrument :
BNA_F
ClientSampleId :
MW-4

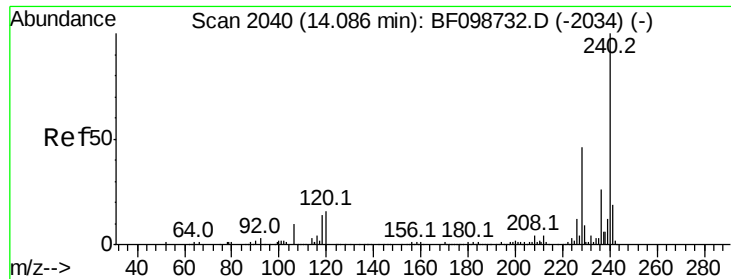
Tot Ion:163 Resp: 36703
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion:188 Resp: 261373
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Instrument :

BNA_F

ClientSampled :

MW-4

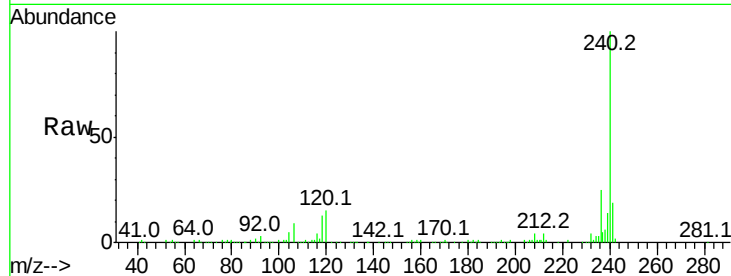
Tot Ion:240 Resp: 158692

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

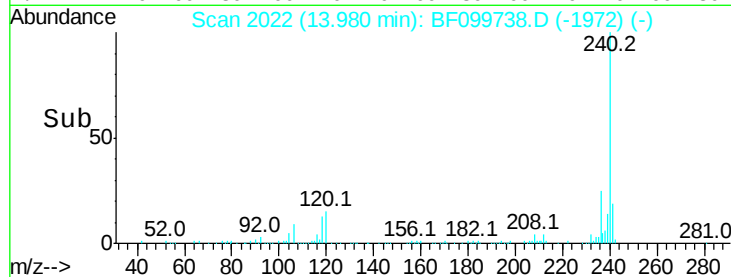
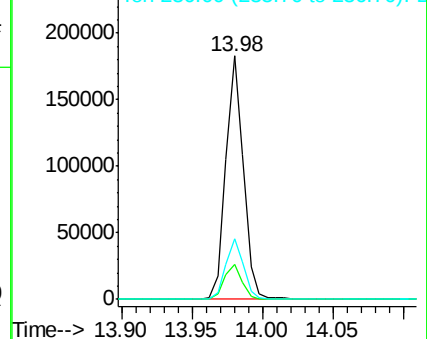
236 25.0 20.7 31.1



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: 78.883 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

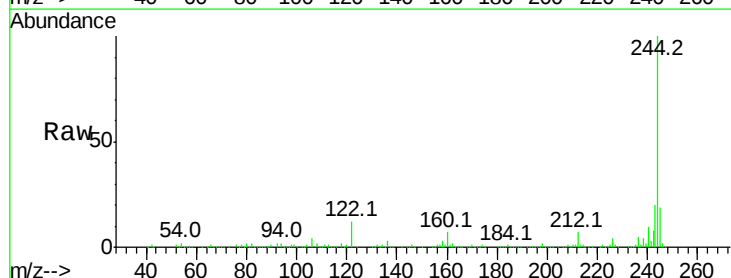
Tgt Ion:244 Resp: 550441

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

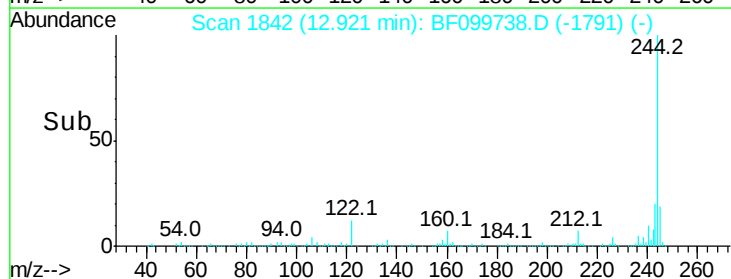
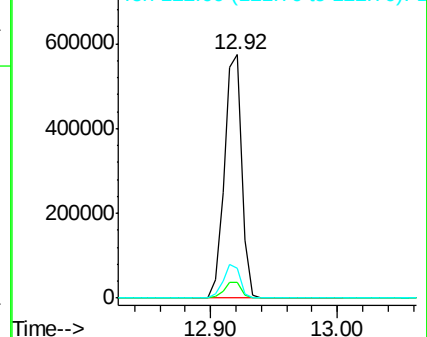
122 12.3 11.0 16.4

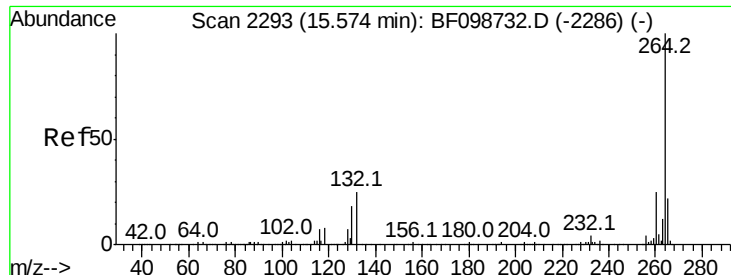


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

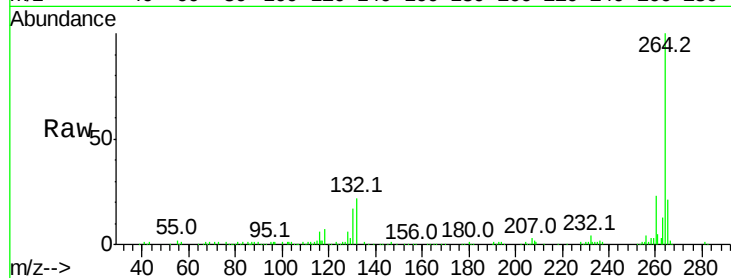




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	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

