

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099742.D
 Acq On : 21 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 22 02:01:00 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

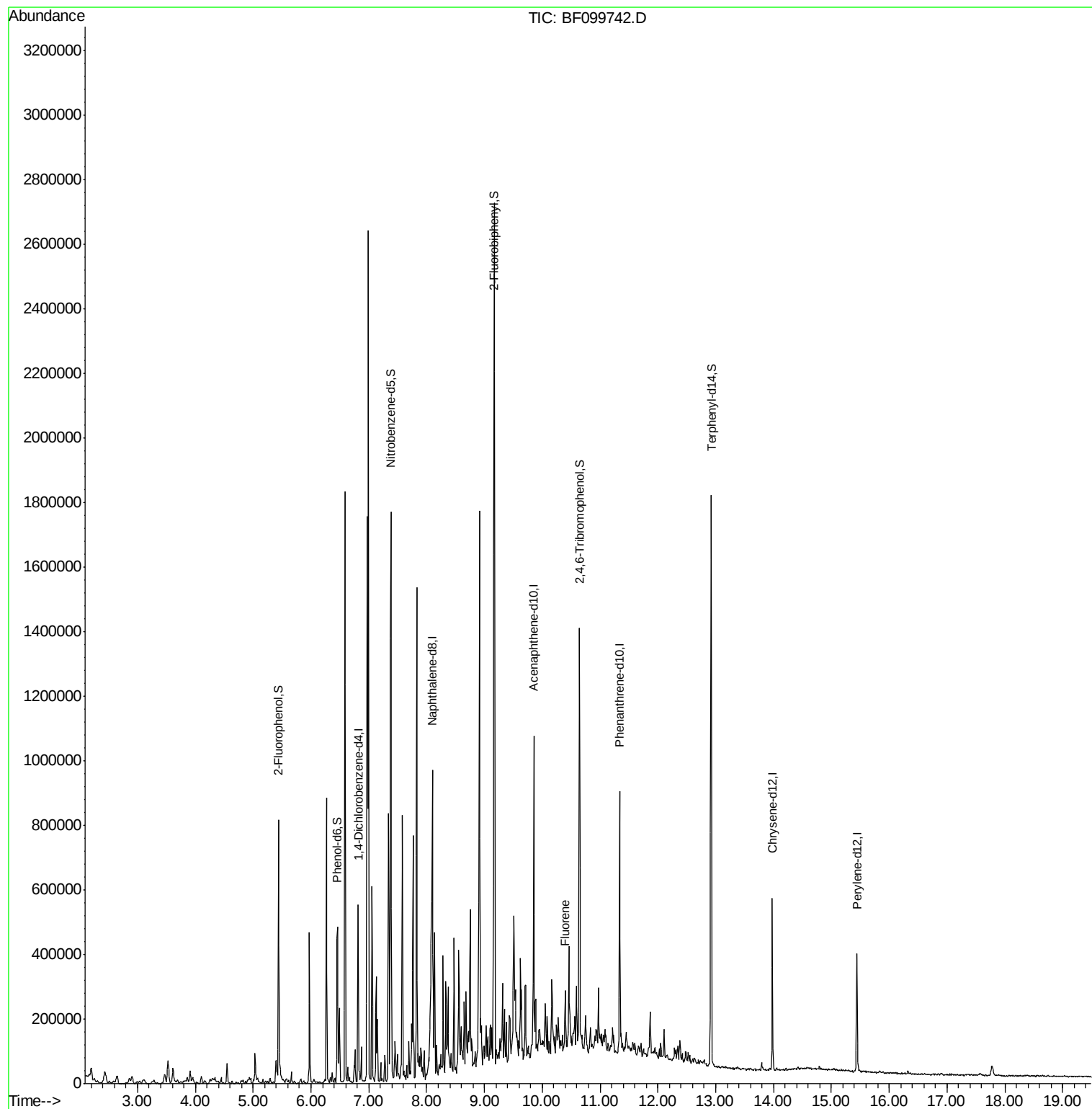
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92807	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	385533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179925	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	277161	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162113	20.00	ng	0.00
86) Perylene-d12	15.44	264	167679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	288482	49.48	ng	0.00
7) Phenol-d6	6.46	99	213271	29.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	443369	73.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	159931	108.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	931288	86.41	ng	0.00
78) Terphenyl-d14	12.92	244	582220	81.68	ng	0.00
Target Compounds						
57) Fluorene	10.40	166	46133	3.829	ng	Qvalue 98

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

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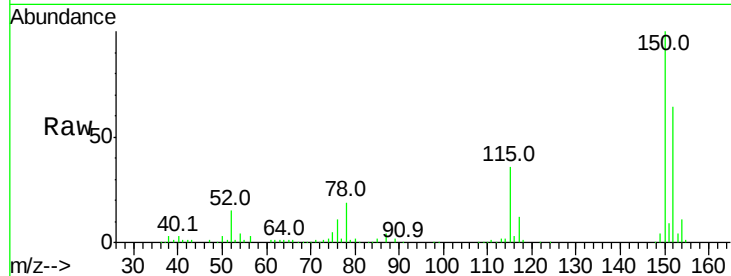


#1

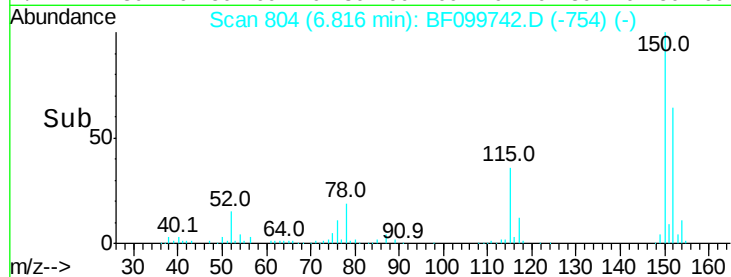
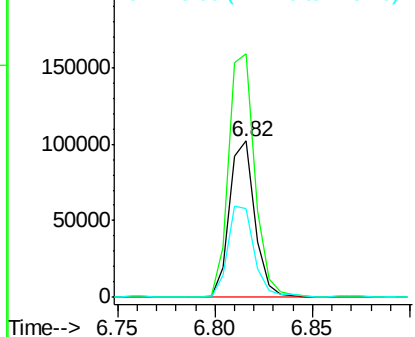
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 92807
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.7 50.1 75.1



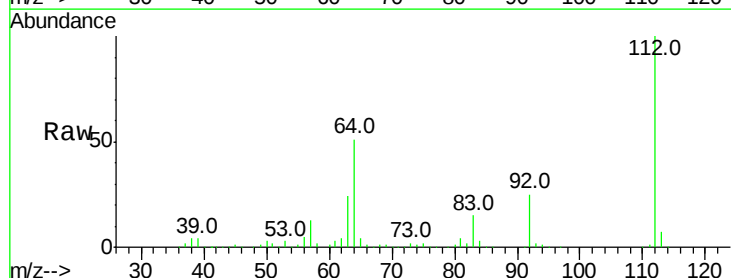
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



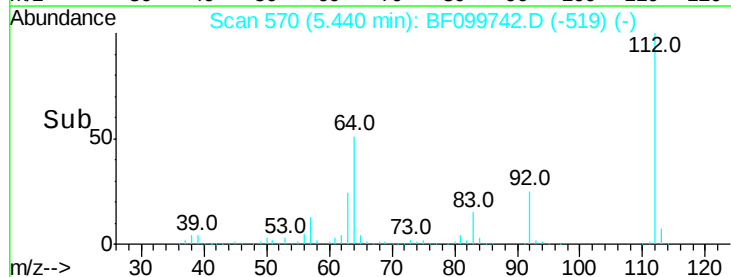
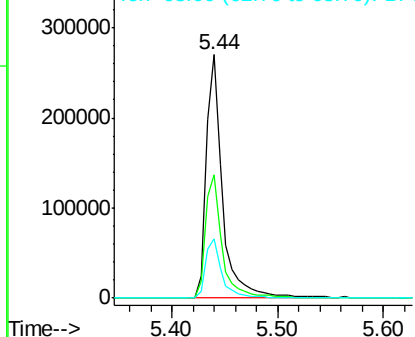
#5

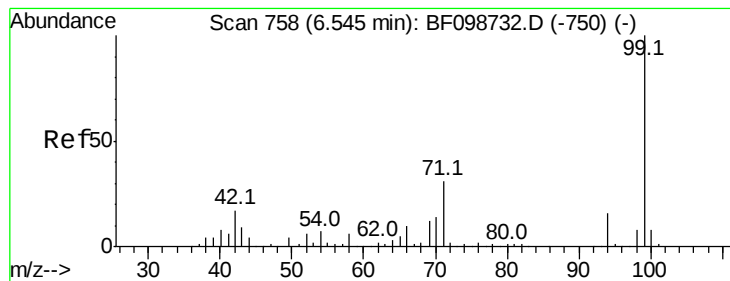
2-Fluorophenol
Concen: 49.483 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Tgt Ion:112 Resp: 288482
Ion Ratio Lower Upper
112 100
64 50.5 47.9 71.9
63 24.2 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: 29.654 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampled :

MW-1

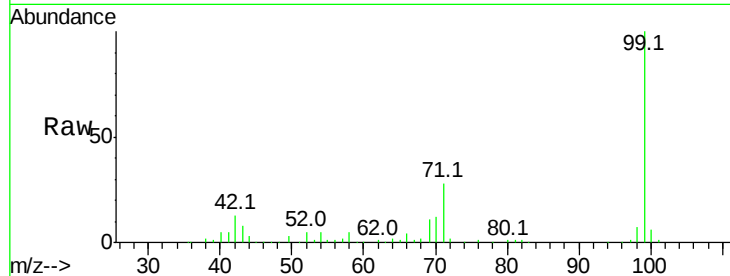
Tot Ion: 99 Resp: 213271

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

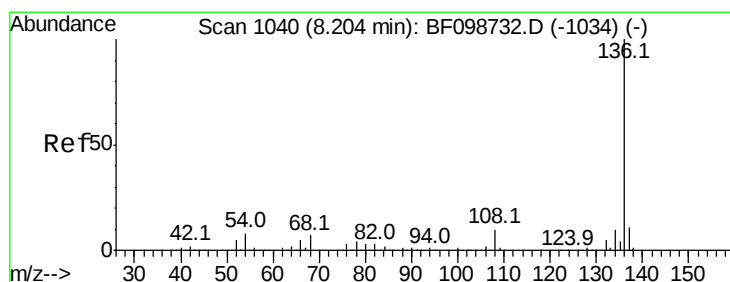
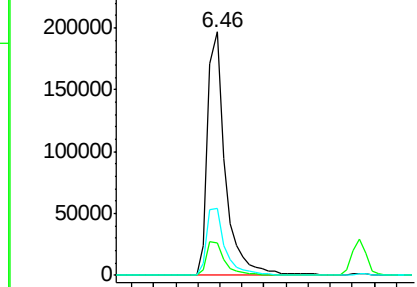
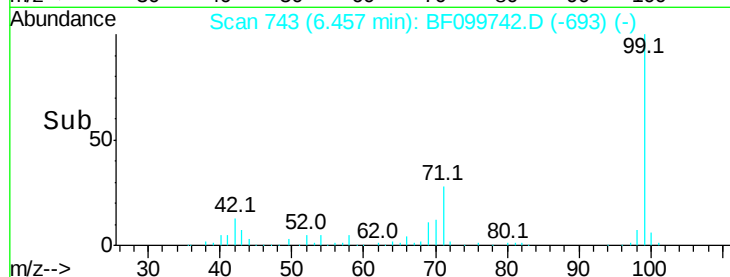
71 27.6 25.4 38.0



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: BF099742.D

Acq: 21 Oct 2017 21:54

Tgt Ion: 136 Resp: 385533

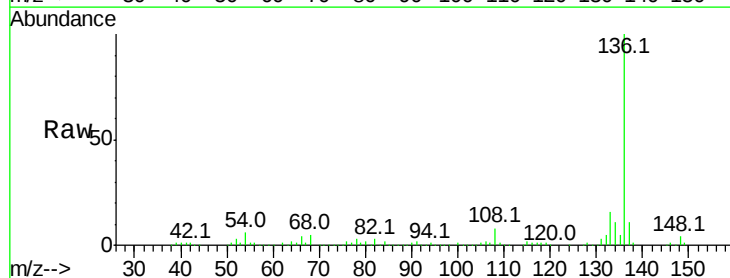
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.2 5.0 7.4

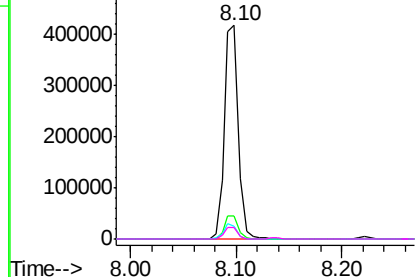
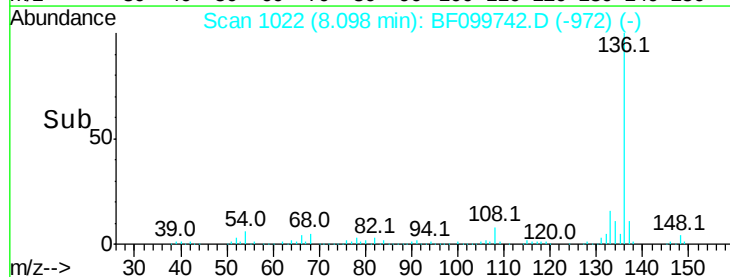


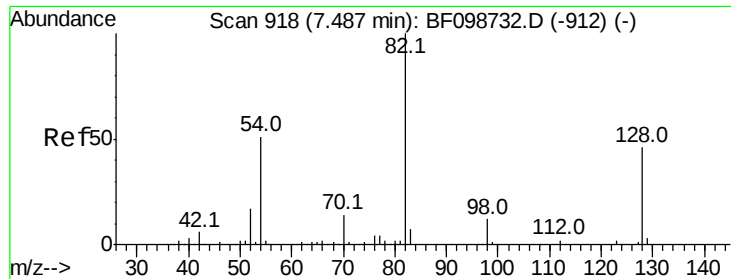
Abundance Ion 136.00 (135.70 to 136.70): E

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

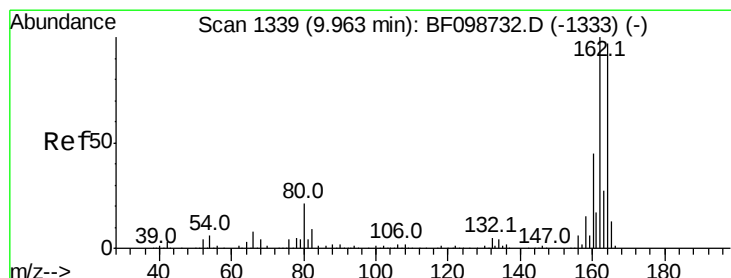
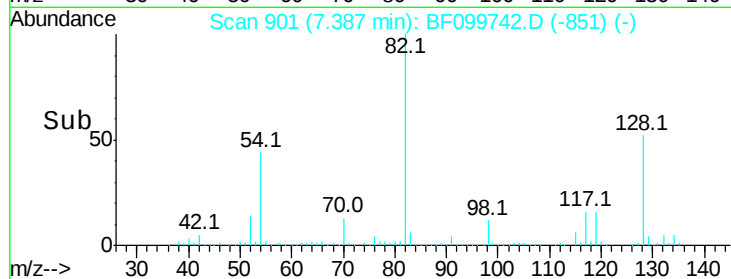
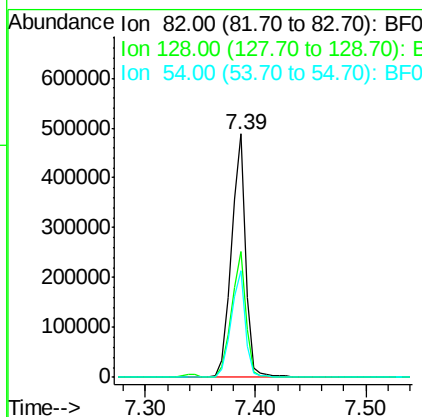
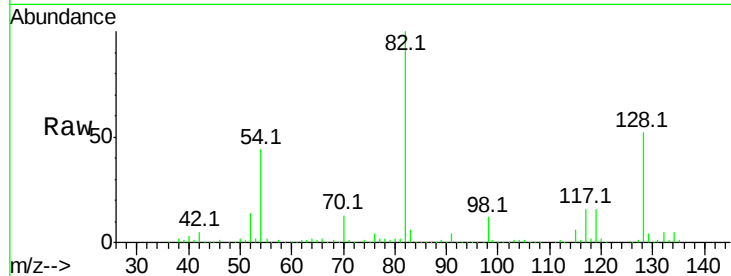




#23
 Nitrobenzene-d5
 Concen: 73.751 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

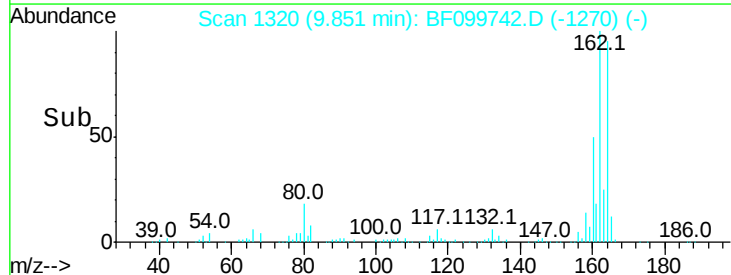
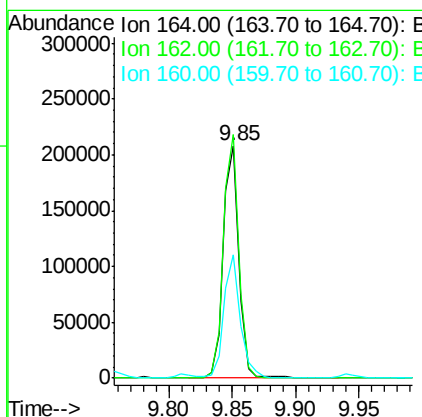
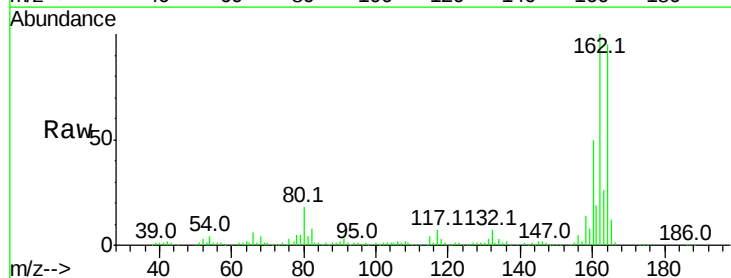
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	82	Resp	443369
Ion Ratio	Lower	Upper	
82	100		
128	51.7	36.1	54.1
54	43.9	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: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion	164	Resp	179925
Ion Ratio	Lower	Upper	
164	100		
162	104.7	86.1	129.1
160	52.8	38.3	57.5

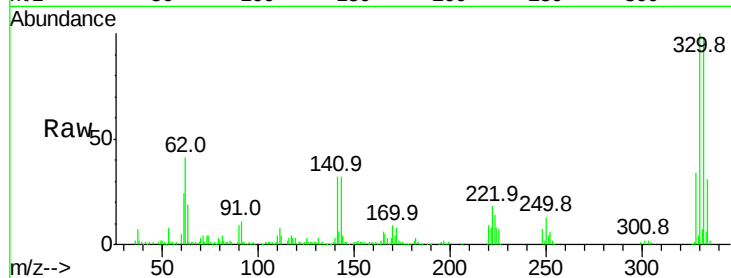




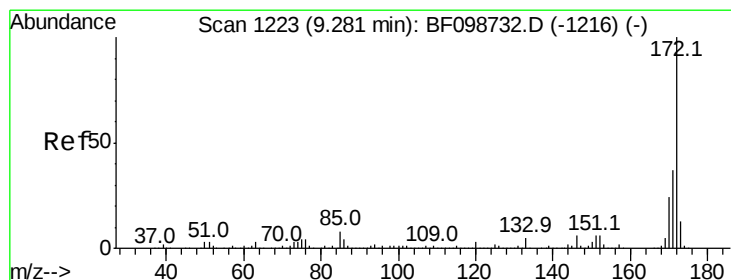
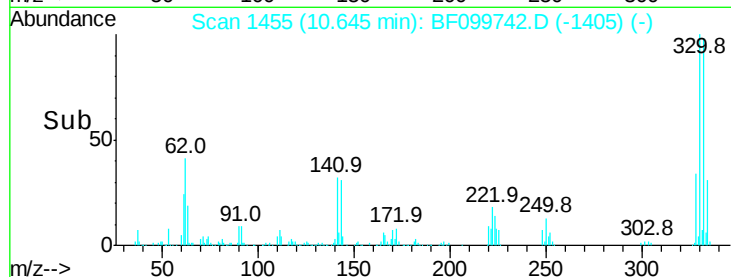
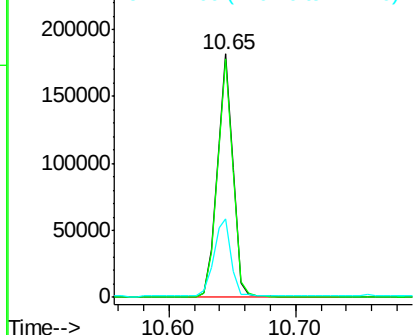
#41
 2,4,6-Tribromophenol
 Concen: 108.629 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:330 Resp: 159931
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 35.4 29.9 44.9

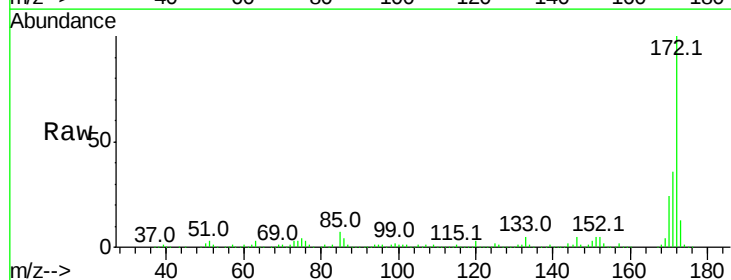


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

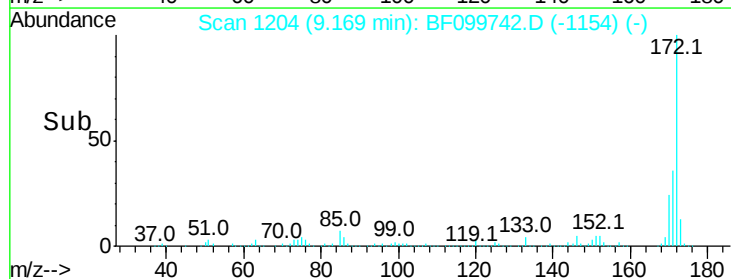
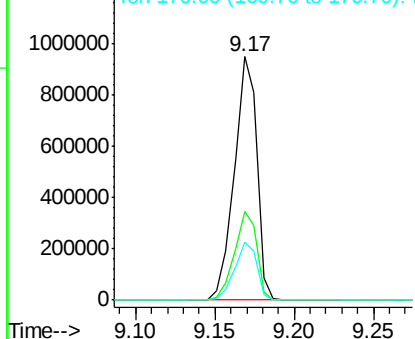


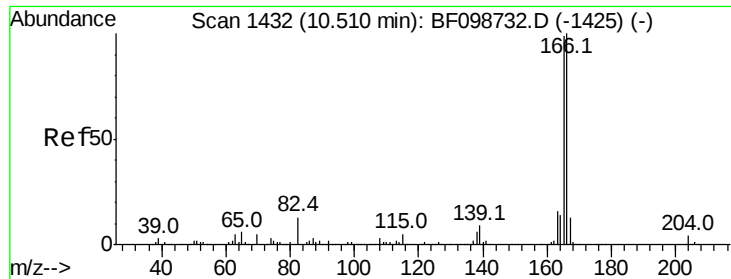
#44
 2-Fluorobiphenyl
 Concen: 86.409 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion:172 Resp: 931288
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

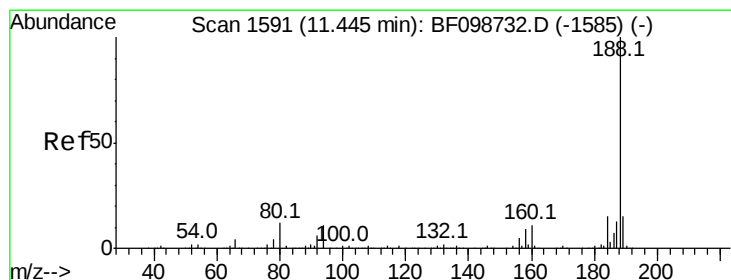
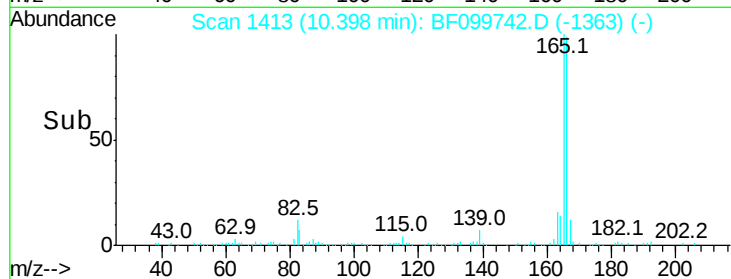
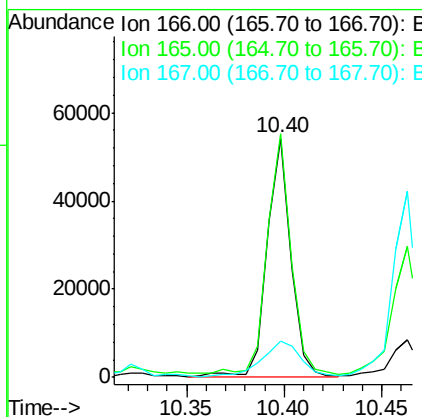
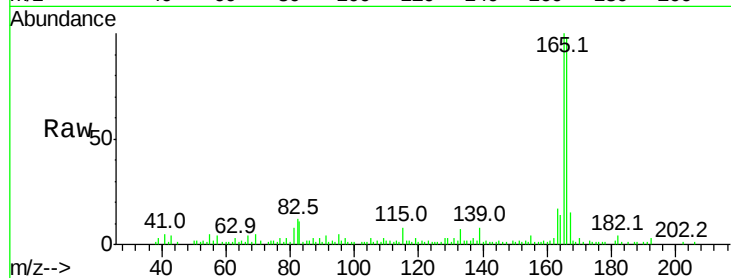




#57
Fluorene
 Concen: 3.829 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

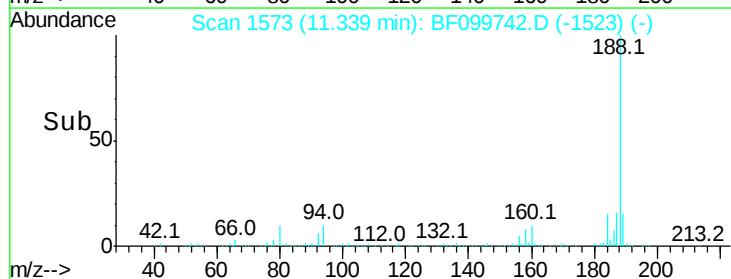
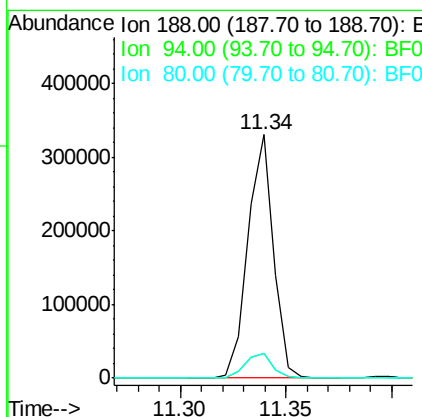
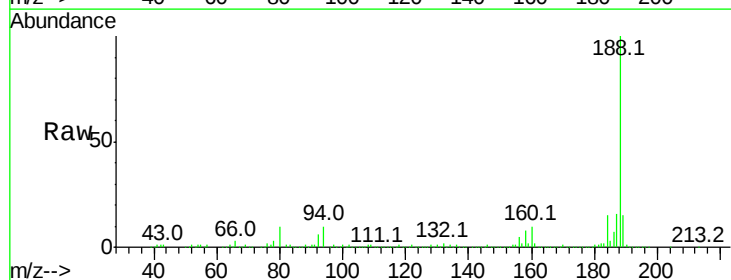
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

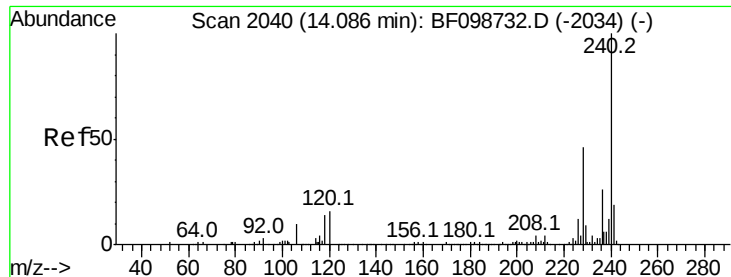
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.8	119.8
167	15.2	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	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: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampleId :

MW-1

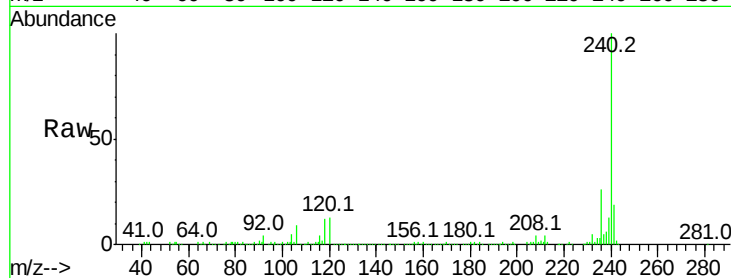
Tot Ion:240 Resp: 162113

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

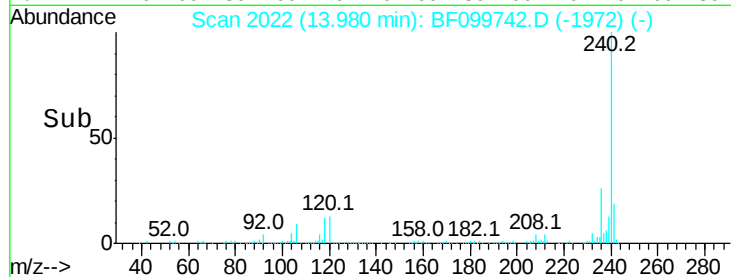
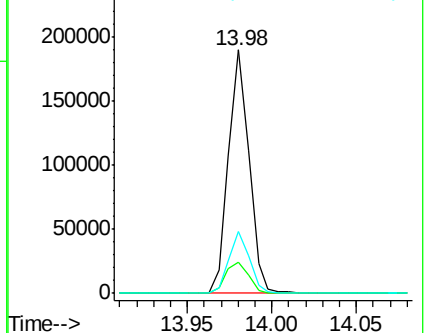
236 25.6 20.7 31.1



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: 81.677 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

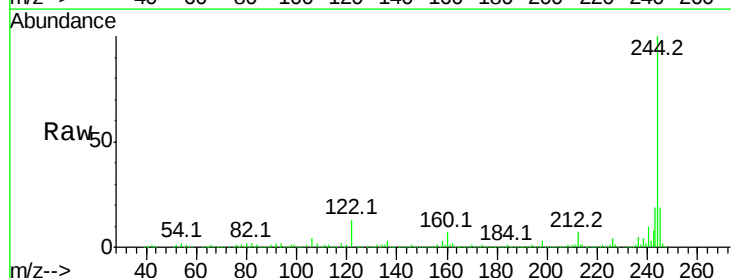
Tgt Ion:244 Resp: 582220

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

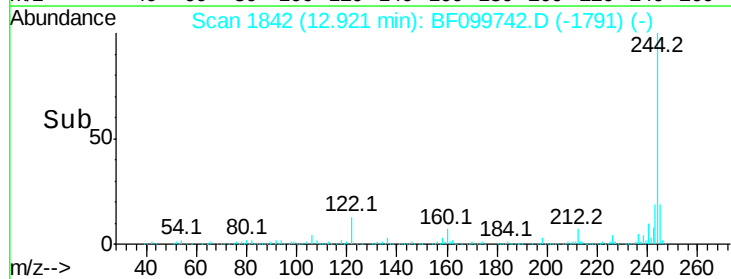
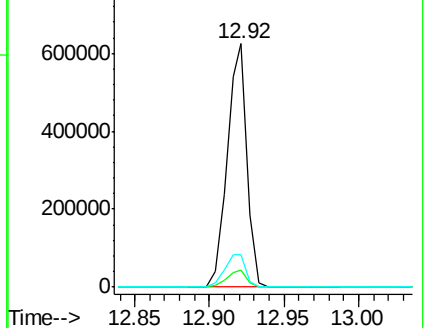
122 13.2 11.0 16.4

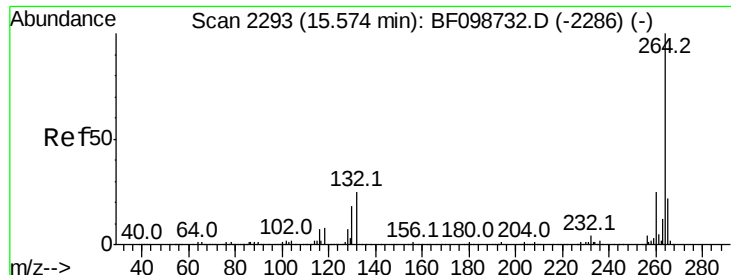


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

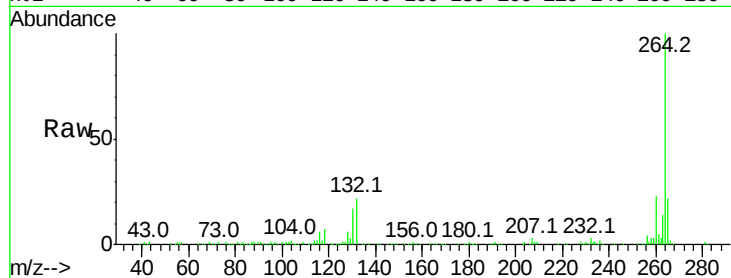




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	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

