

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099250.D
 Acq On : 9 Oct 2017 00:12
 Operator : SJ/JU
 Sample : I5706-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Quant Time: Oct 09 03:52:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

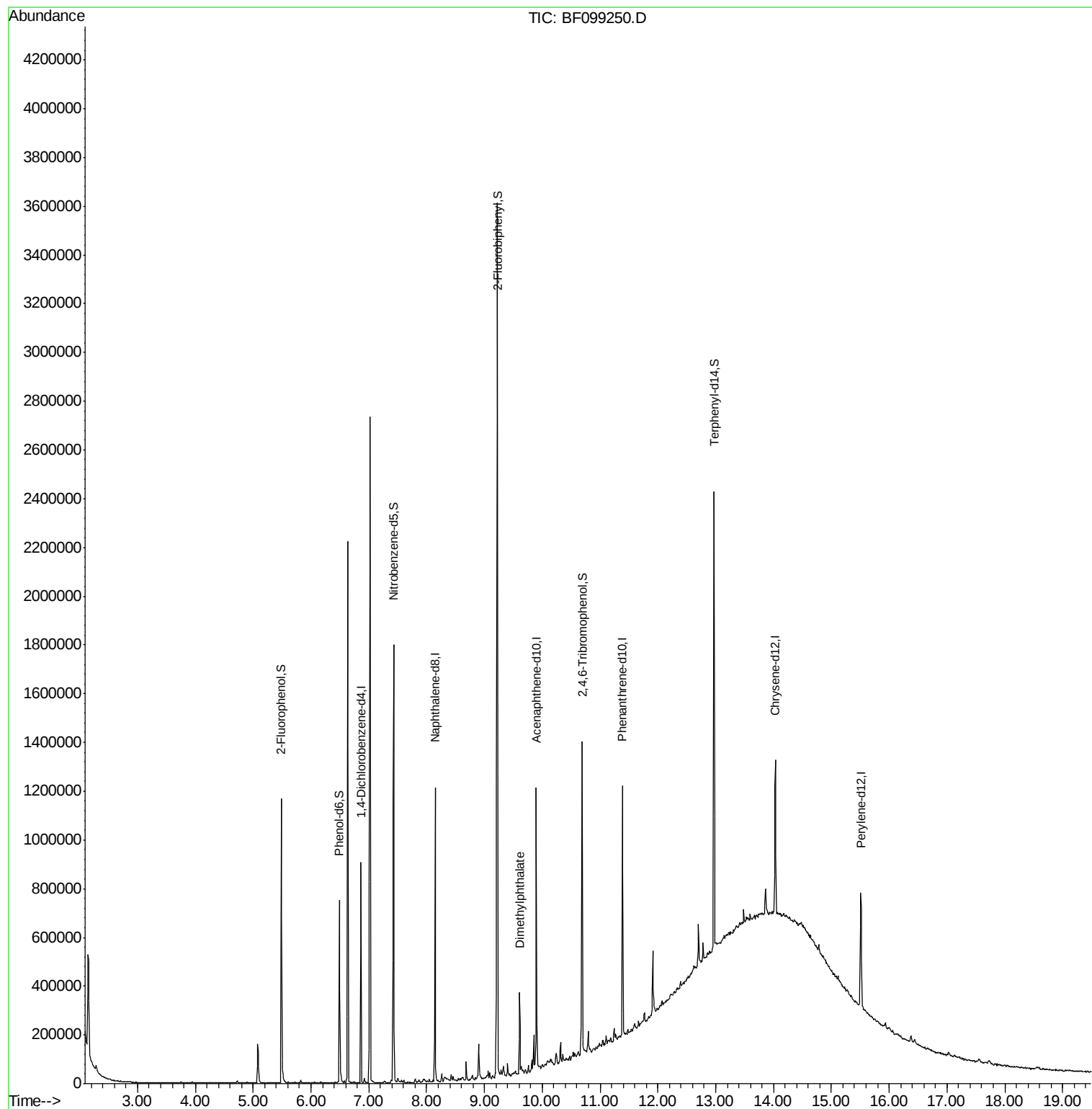
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122192	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	499495	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	218891	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	347582	20.00	ng	0.00
75) Chrysene-d12	14.03	240	214102	20.00	ng	0.00
86) Perylene-d12	15.51	264	212671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	351201	45.75	ng	0.00
7) Phenol-d6	6.49	99	264508	27.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	694000	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	154788	86.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1199982	91.52	ng	0.00
78) Terphenyl-d14	12.97	244	706121	75.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	122777	7.432	ng	99

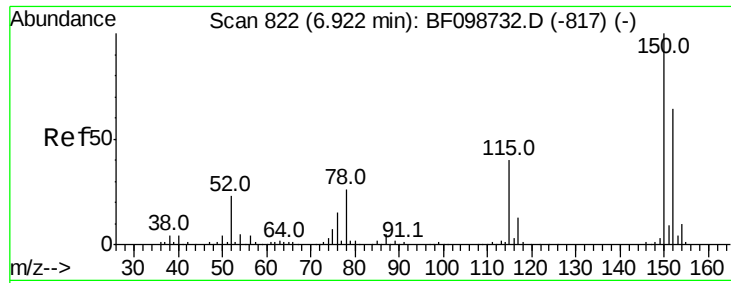
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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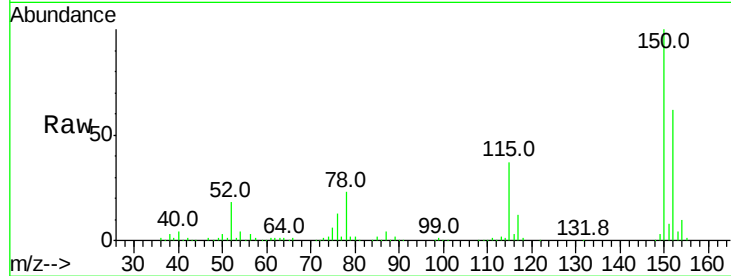


#1

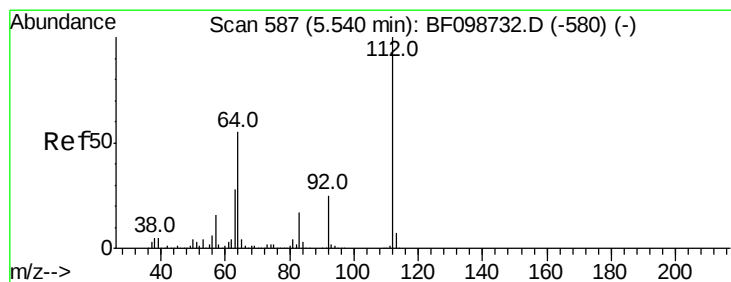
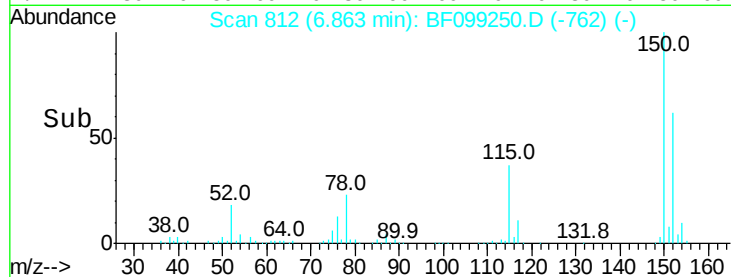
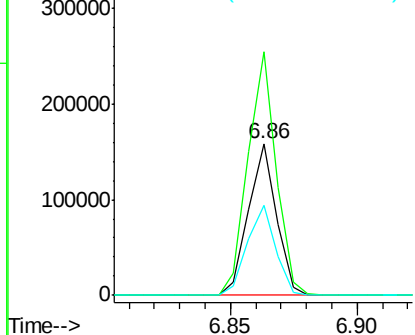
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MH-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	59.7	50.1	75.1



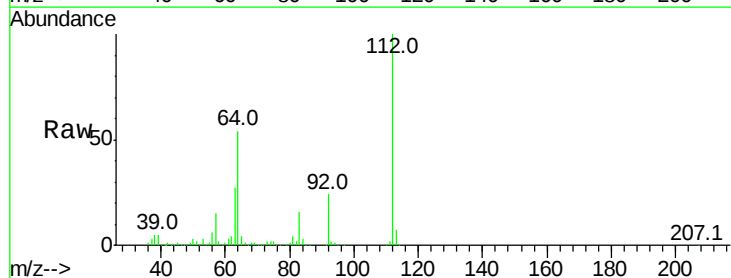
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



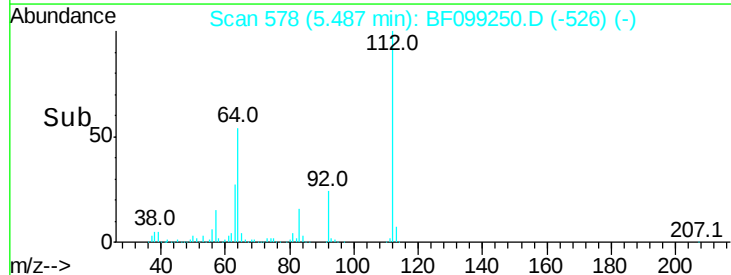
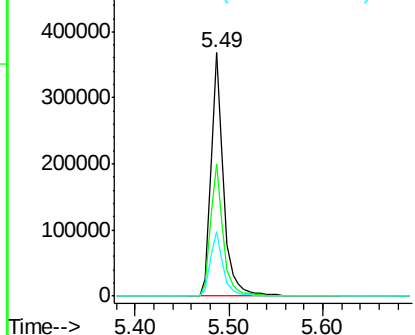
#5

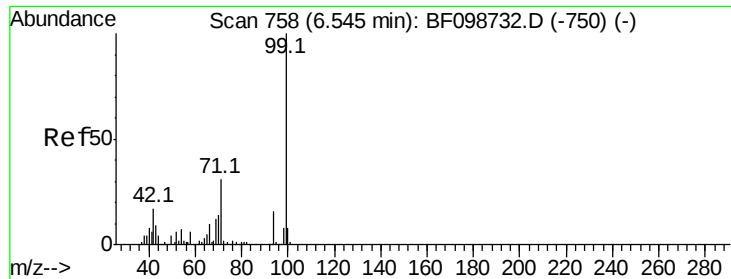
2-Fluorophenol
Concen: 45.754 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	26.7	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: 27.934 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

MH-23

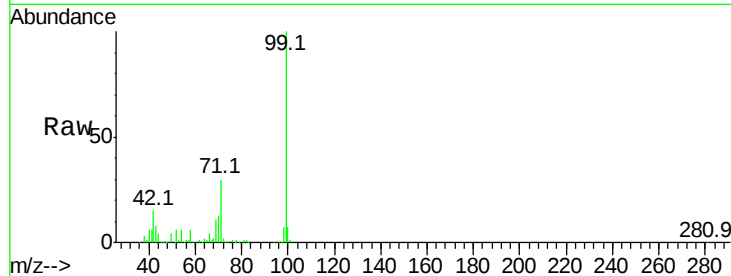
Tot Ion: 99 Resp: 264508

Ion Ratio Lower Upper

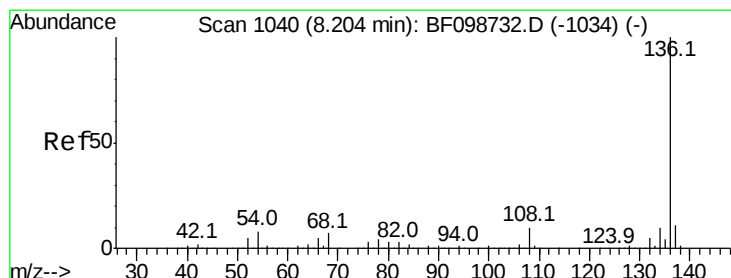
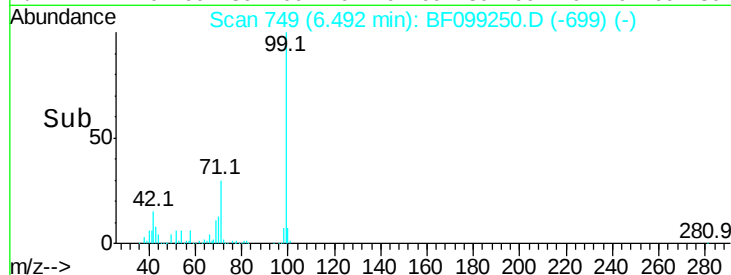
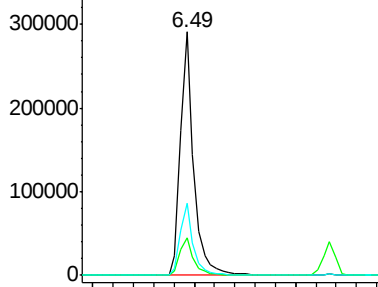
99 100

42 15.3 14.5 21.7

71 29.8 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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

Tgt Ion: 136 Resp: 499495

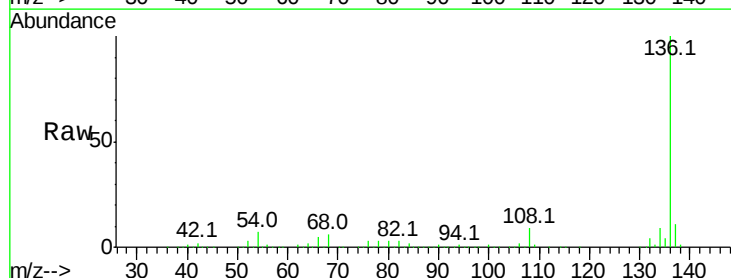
Ion Ratio Lower Upper

136 100

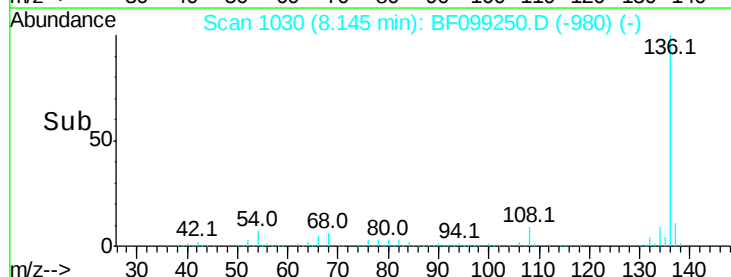
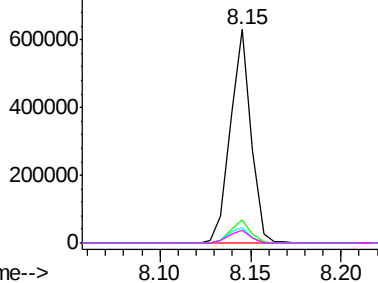
137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.9 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

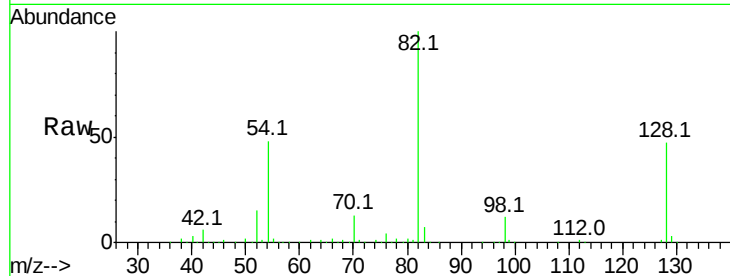




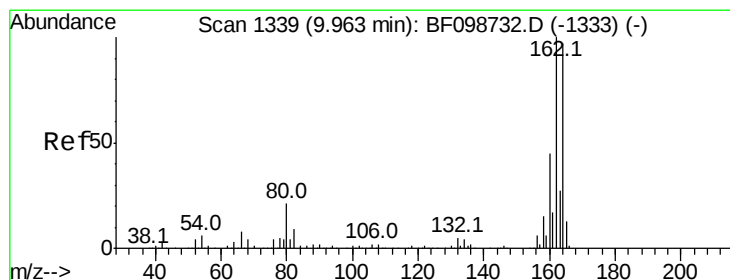
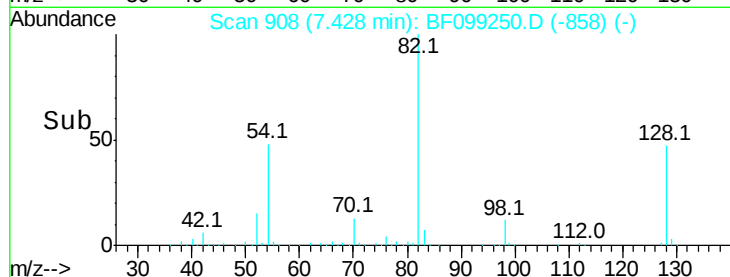
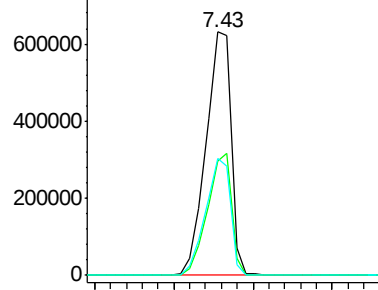
#23
 Nitrobenzene-d5
 Concen: 89.103 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Tot Ion: 82 Resp: 694000
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 48.0 41.4 62.2

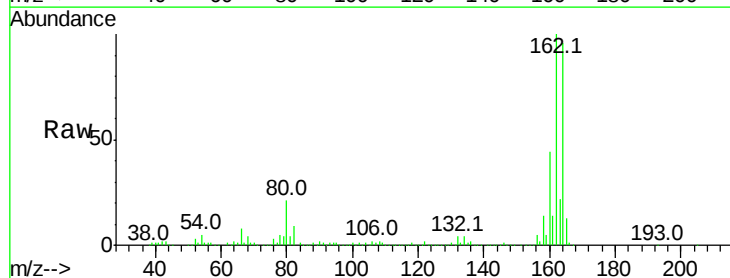


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

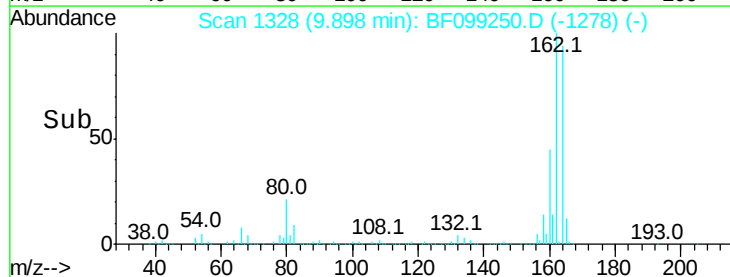
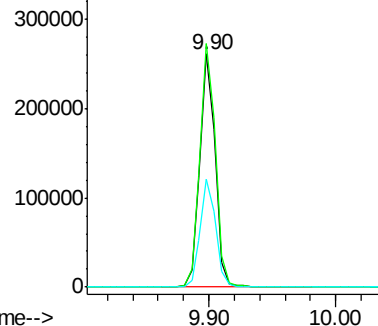


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Tgt Ion:164 Resp: 218891
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 46.4 38.3 57.5



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

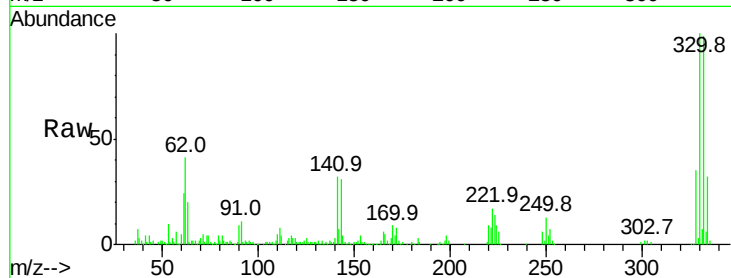




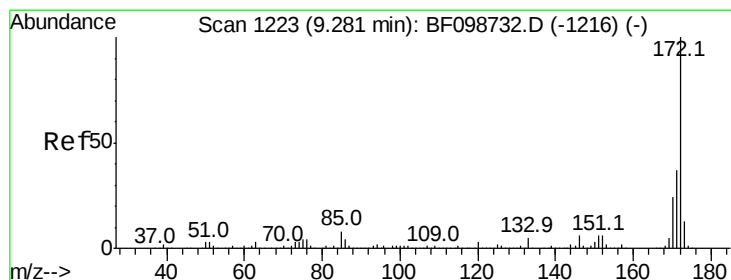
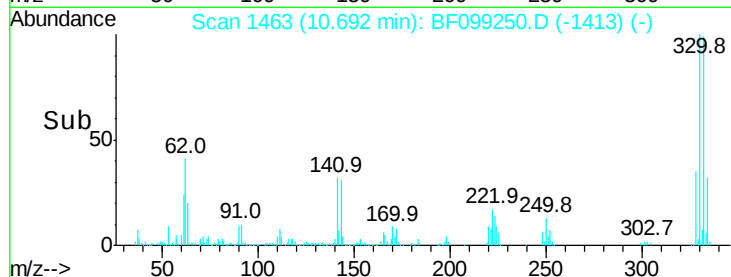
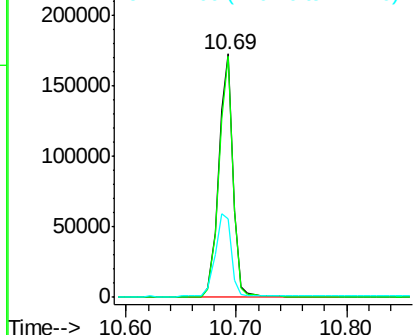
#41
 2,4,6-Tribromophenol
 Concen: 86.420 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Tot Ion:330 Resp: 154788
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 38.1 29.9 44.9

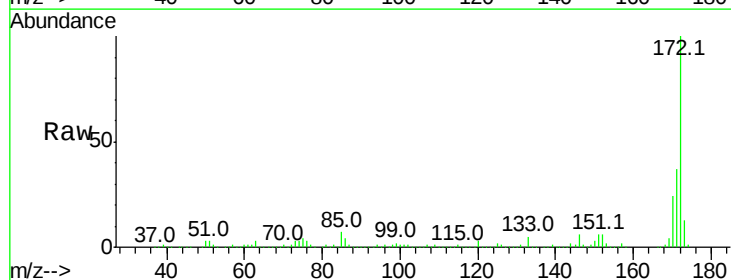


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

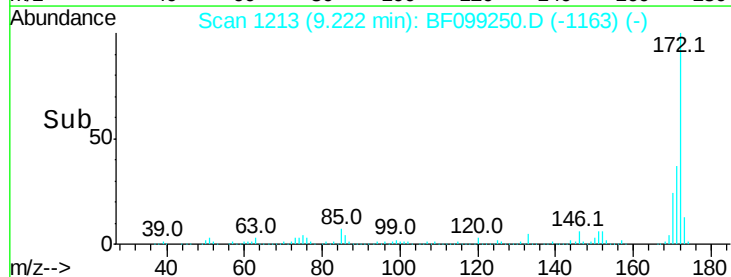
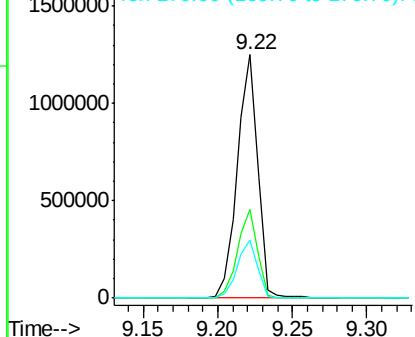


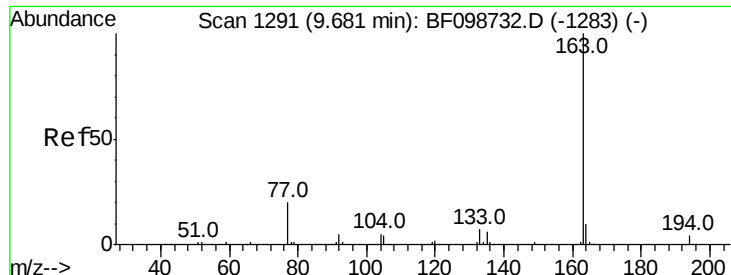
#44
 2-Fluorobiphenyl
 Concen: 91.519 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Tgt Ion:172 Resp: 1199982
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.0 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

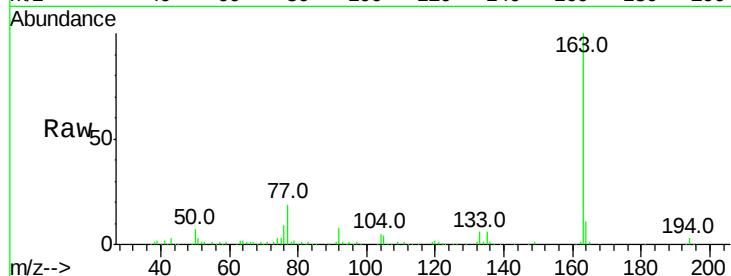




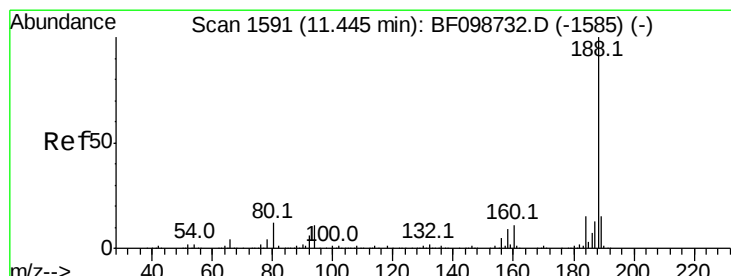
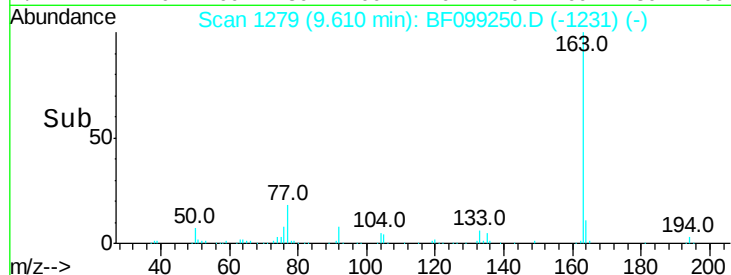
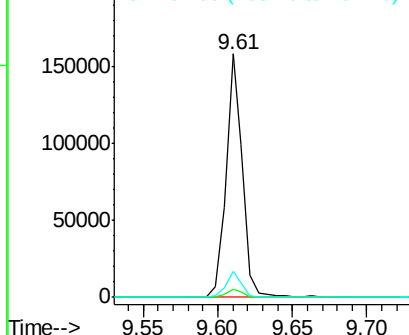
#49
Dimethylphthalate
Concen: 7.432 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MH-23

Tot Ion:163 Resp: 122777
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.6 8.2 12.2

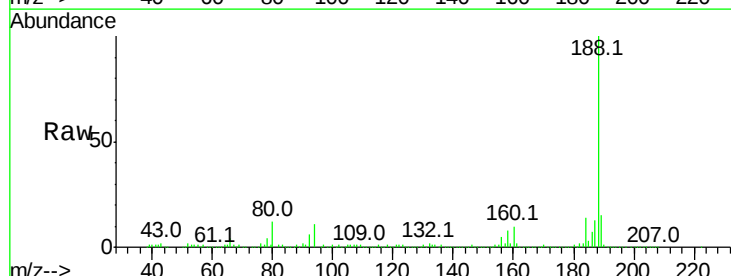


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

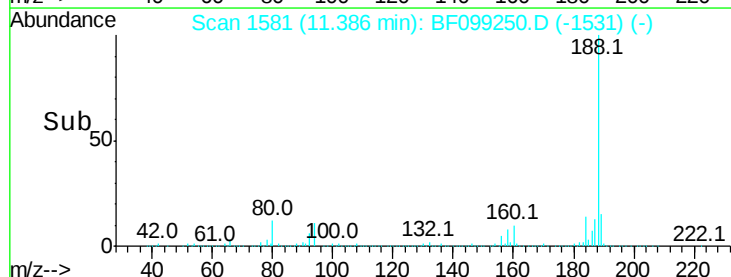
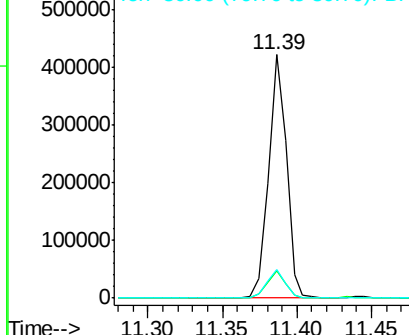


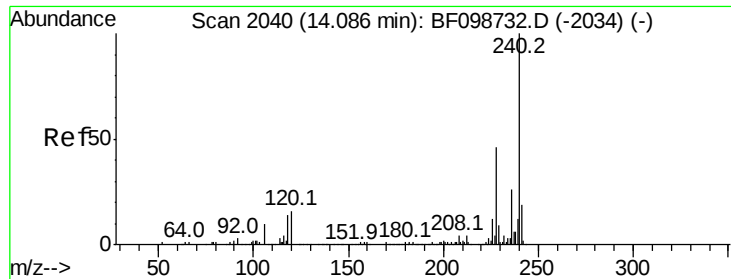
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion:188 Resp: 347582
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.9 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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

MH-23

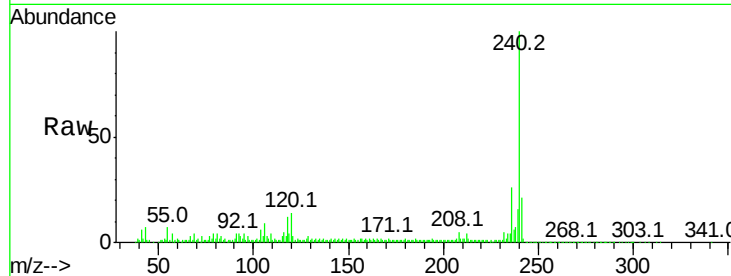
Tot Ion:240 Resp: 214102

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

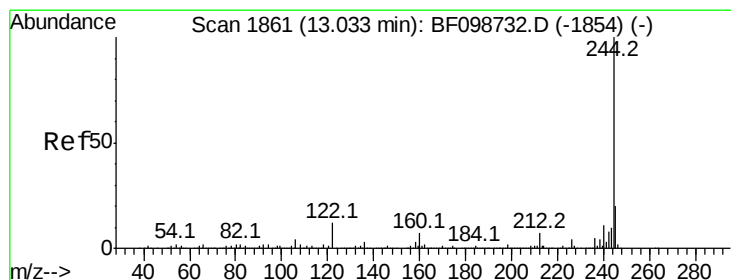
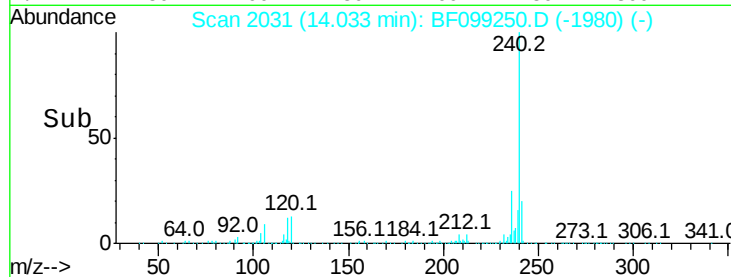
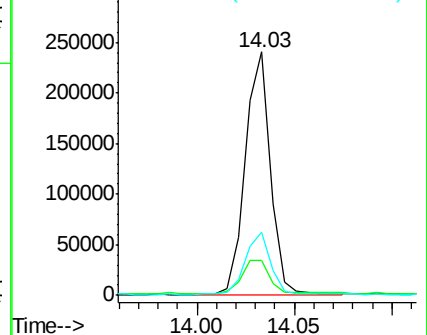
236 25.8 20.7 31.1



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: 75.005 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

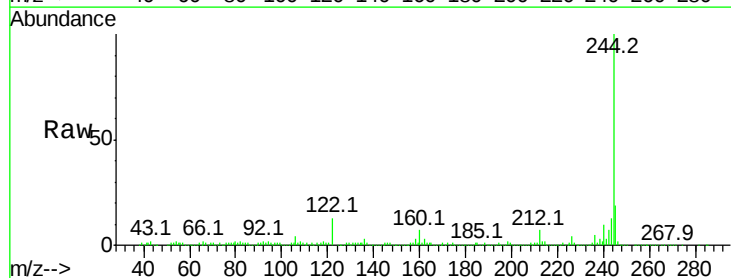
Tgt Ion:244 Resp: 706121

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

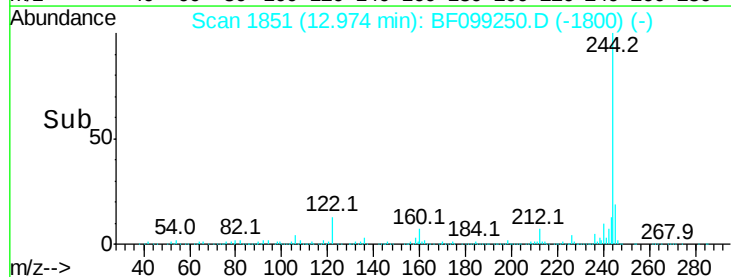
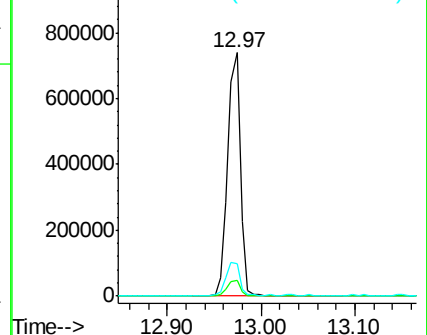
122 13.3 11.0 16.4

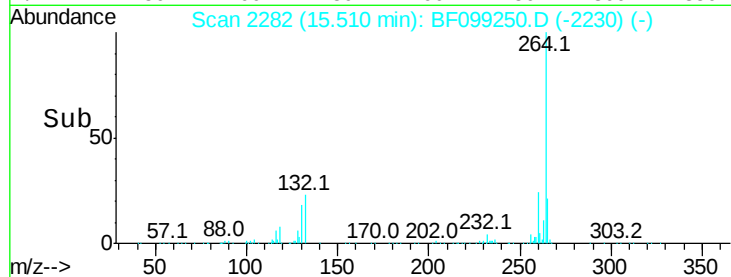
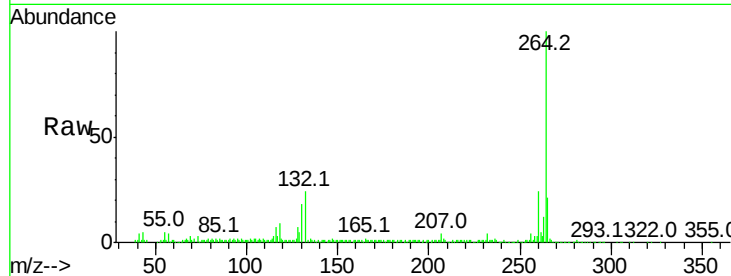
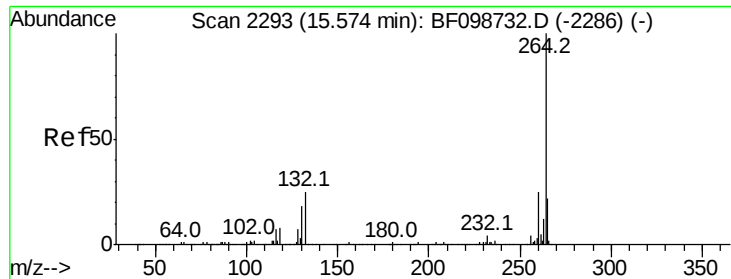


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Tot Ion: 264 Resp: 212671
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.1 17.5 26.3

