

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099237.D
 Acq On : 8 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I5706-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-21

Quant Time: Oct 09 02:18:49 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	144987	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	598041	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	281195	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	508755	20.00	ng	0.00
75) Chrysene-d12	14.03	240	393968	20.00	ng	0.00
86) Perylene-d12	15.50	264	283142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1034323	113.56	ng	0.03
7) Phenol-d6	6.50	99	1167157	103.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	823914	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	298152	129.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1492710	88.62	ng	0.00
78) Terphenyl-d14	12.97	244	1358035	78.39	ng	0.00

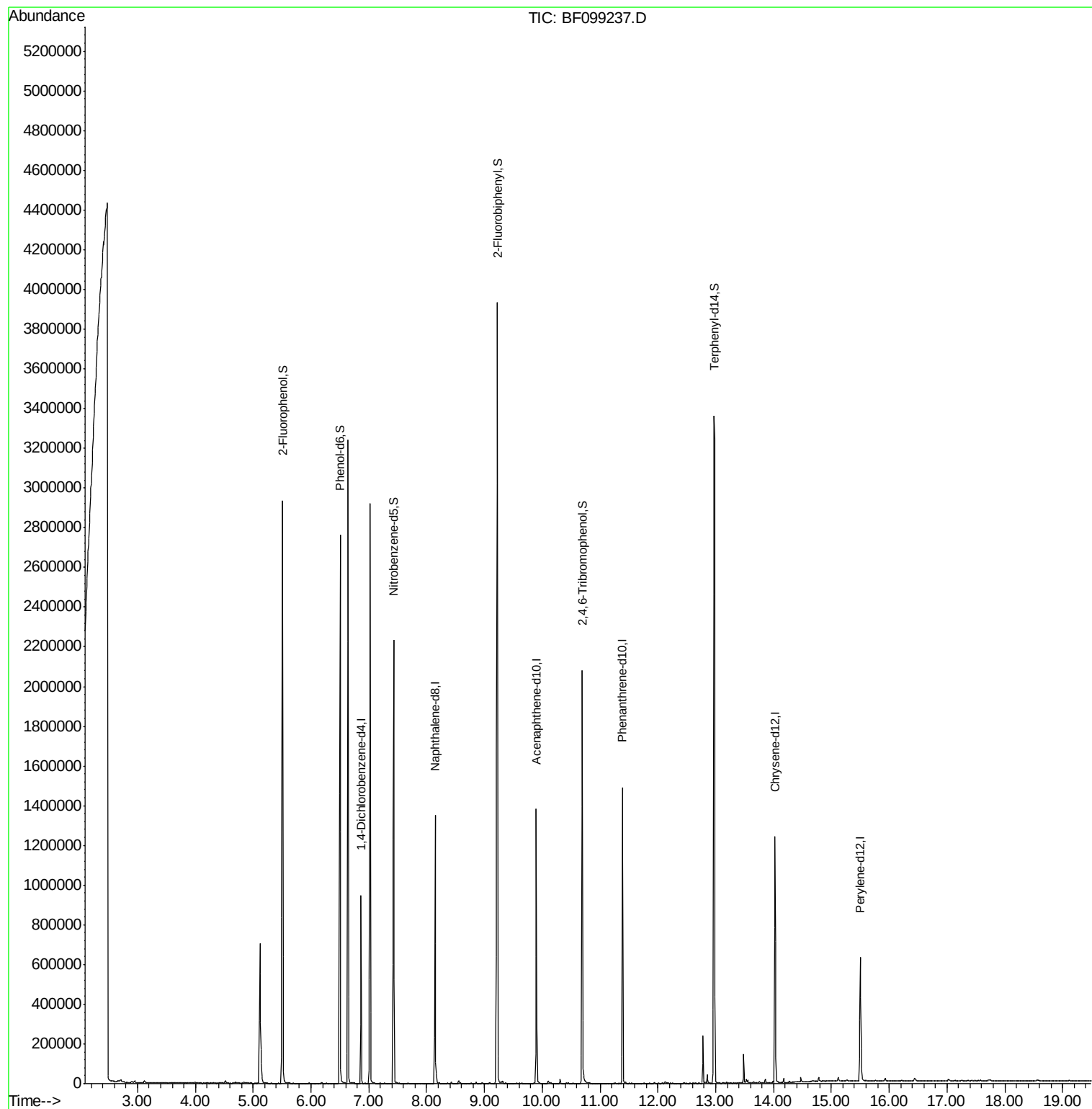
Target Compounds Qvalue

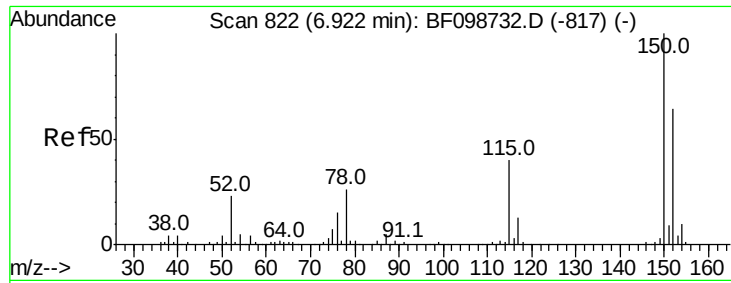
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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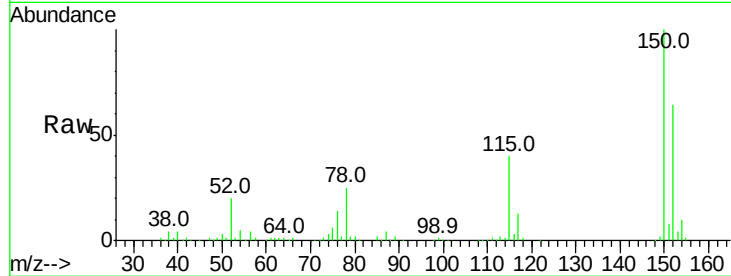


#1

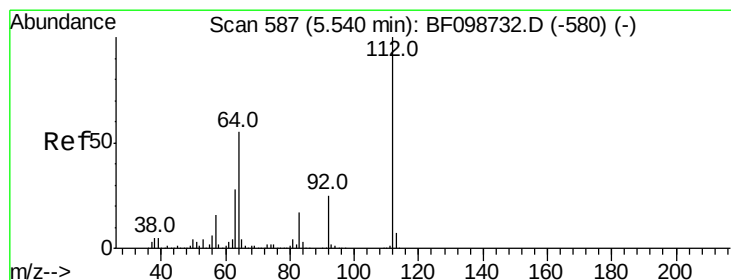
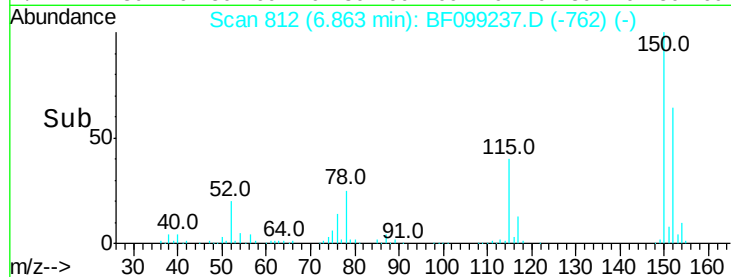
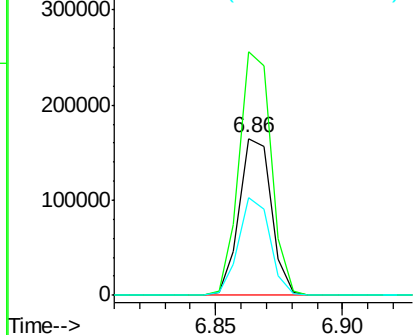
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MH-21

Tot Ion:152 Resp: 144987
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 62.6 50.1 75.1



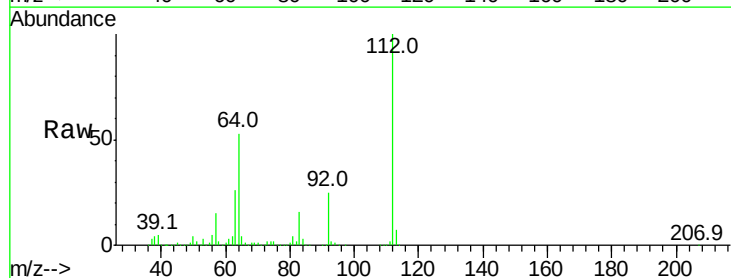
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



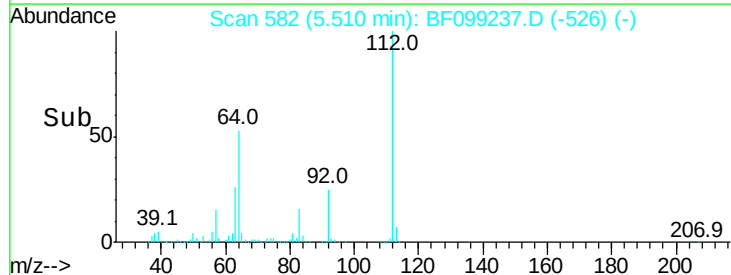
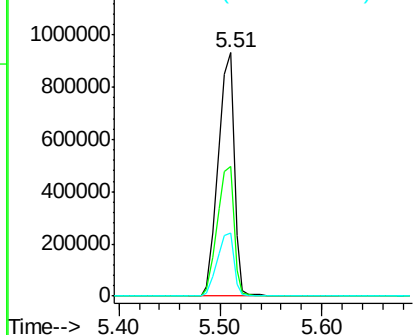
#5

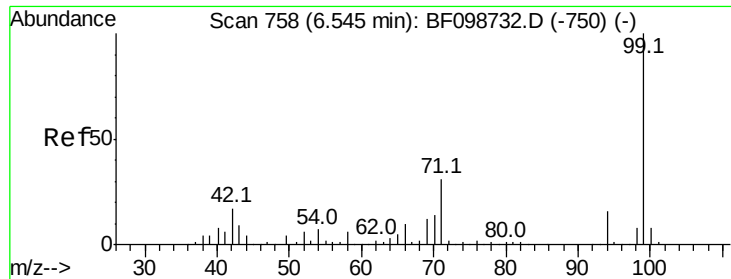
2-Fluorophenol
 Concen: 113.565 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.03 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Tgt Ion:112 Resp: 1034323
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 26.0 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: 103.881 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099237.D

Acq: 8 Oct 2017 17:33

Instrument :

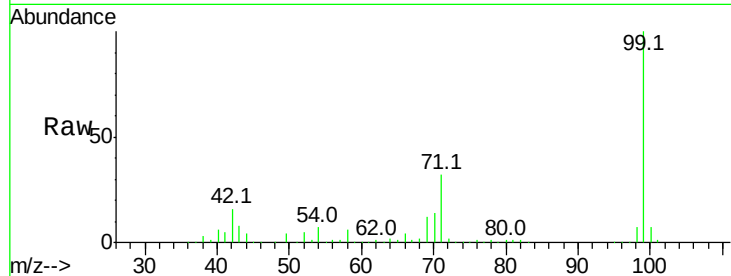
BNA_F

ClientSampled :

MH-21

Tot Ion: 99 Resp: 1167157

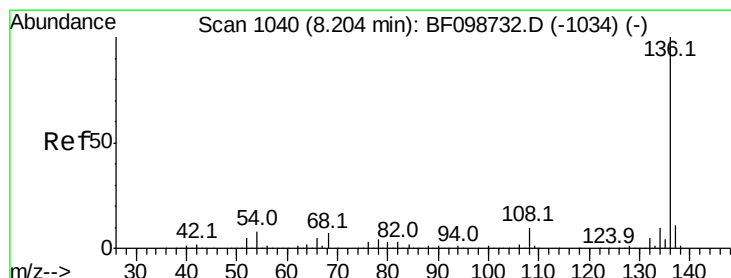
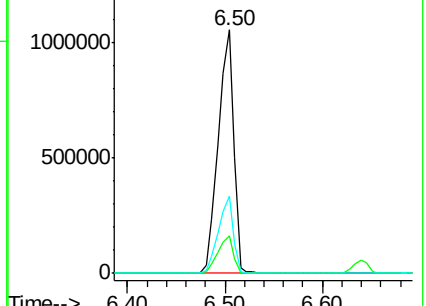
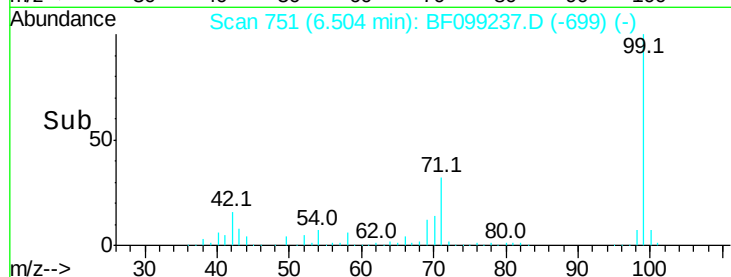
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	31.6	25.4	38.0



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: 8.15 min Scan# 1030

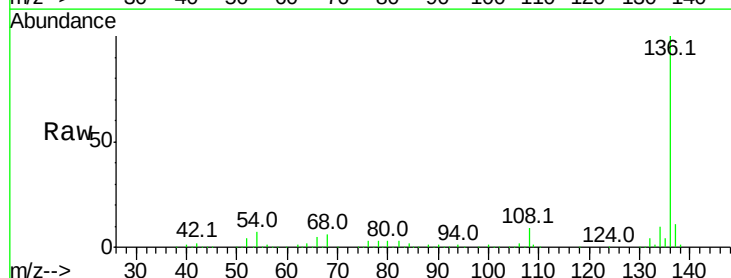
Delta R.T. -0.01 min

Lab File: BF099237.D

Acq: 8 Oct 2017 17:33

Tgt Ion: 136 Resp: 598041

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

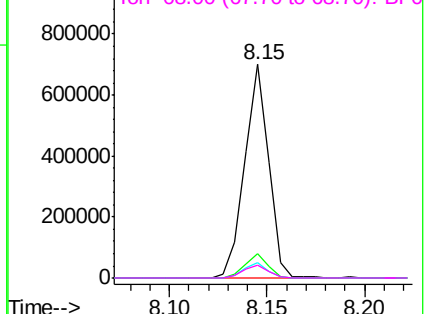
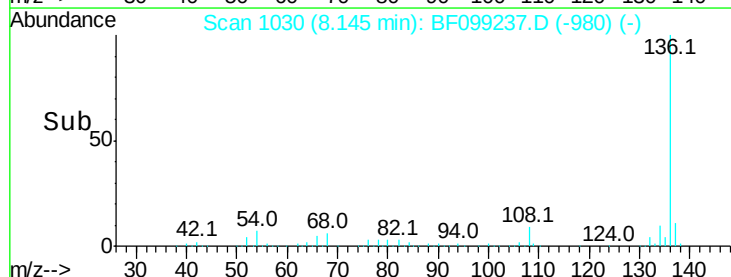


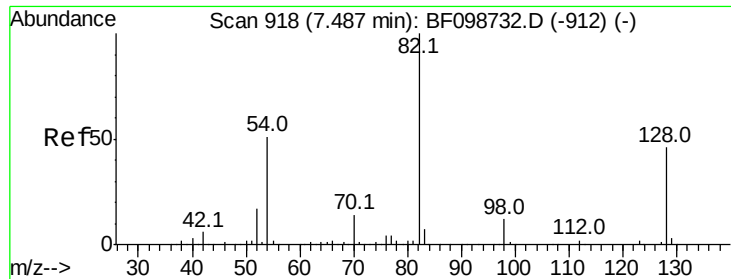
Abundance Ion 136.00 (135.70 to 136.70): E

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

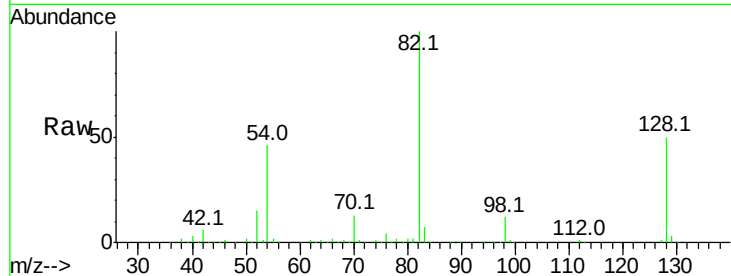




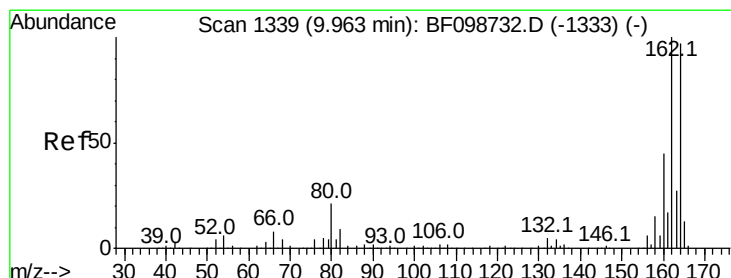
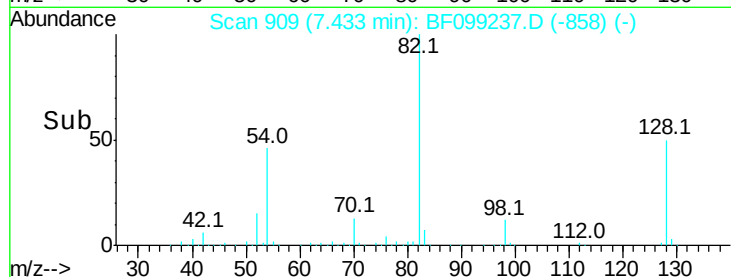
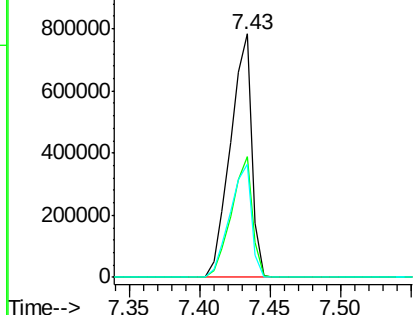
#23
 Nitrobenzene-d5
 Concen: 88.351 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MH-21

Tot Ion: 82 Resp: 823914
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 46.3 41.4 62.2

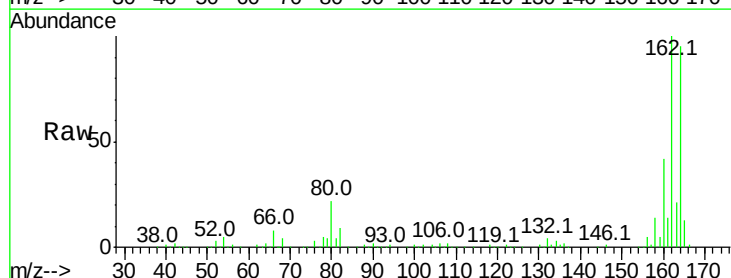


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

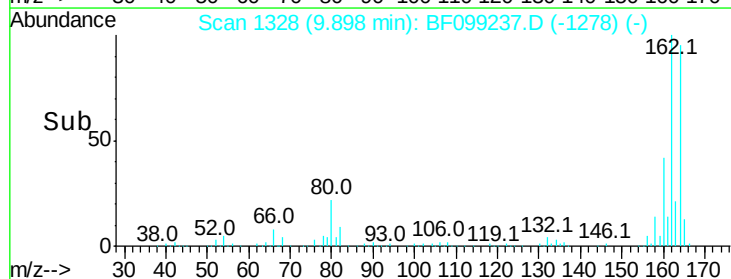
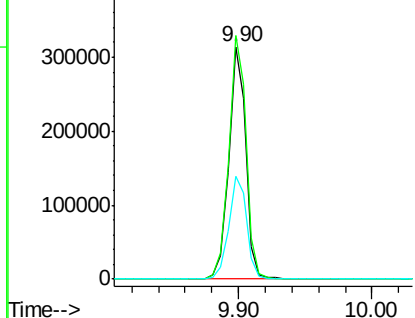


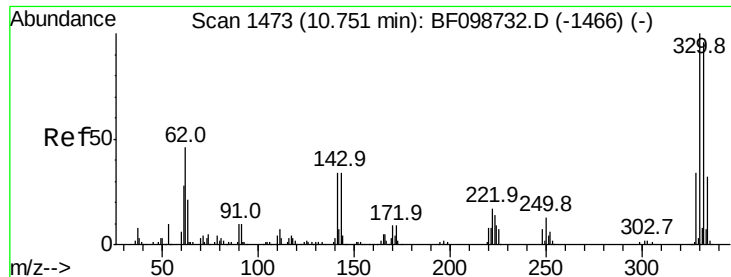
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Tgt Ion:164 Resp: 281195
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 44.5 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

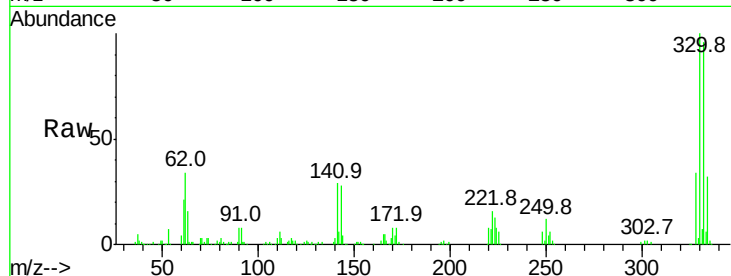




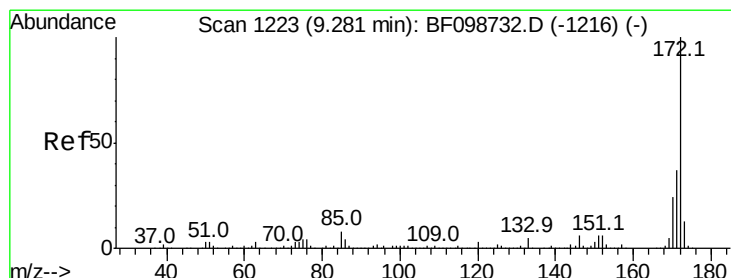
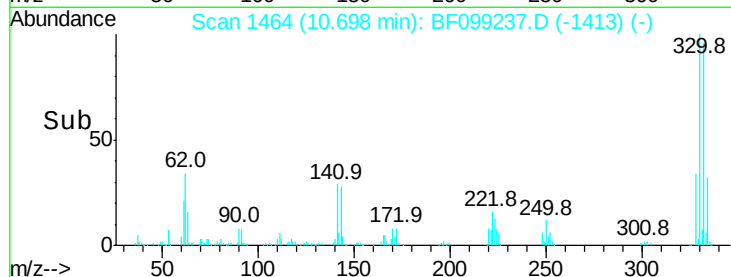
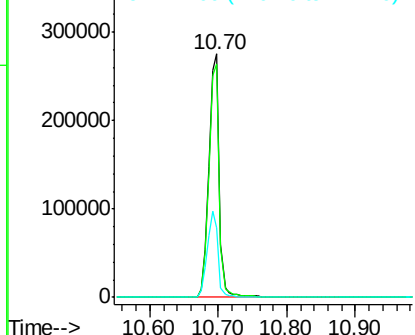
#41
 2,4,6-Tribromophenol
 Concen: 129.578 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MH-21

Tot Ion:330 Resp: 298152
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 37.1 29.9 44.9

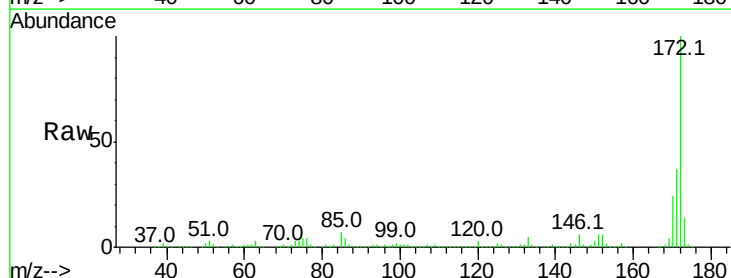


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

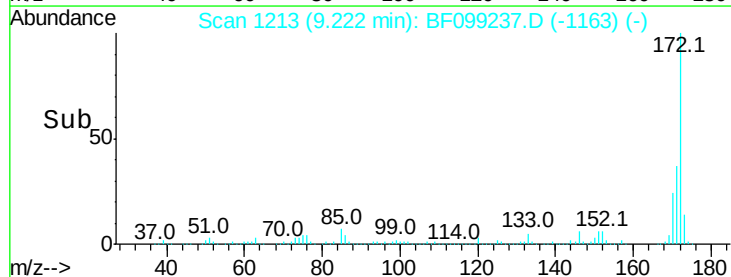
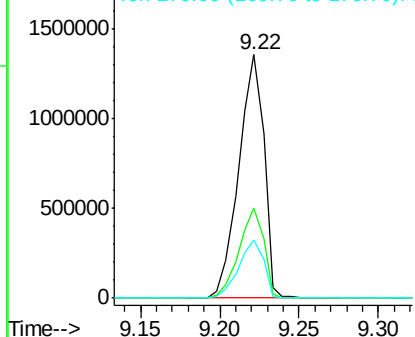


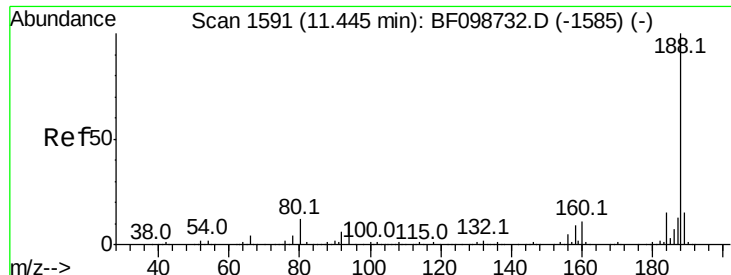
#44
 2-Fluorobiphenyl
 Concen: 88.620 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Tgt Ion:172 Resp: 1492710
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 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

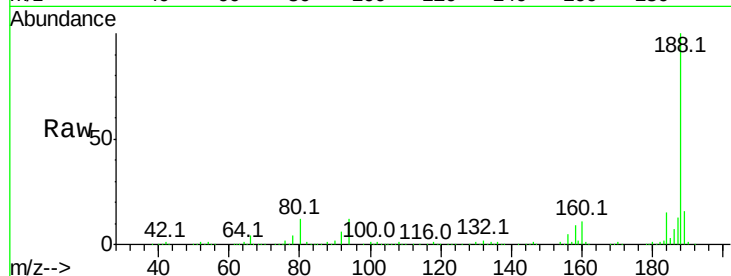




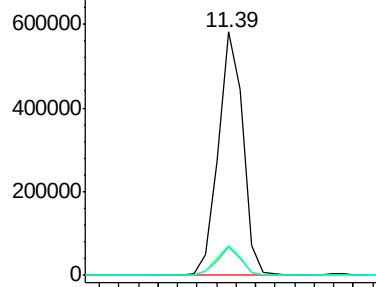
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099237.D
Acq: 8 Oct 2017 17:33

Instrument :
BNA_F
ClientSampleId :
MH-21

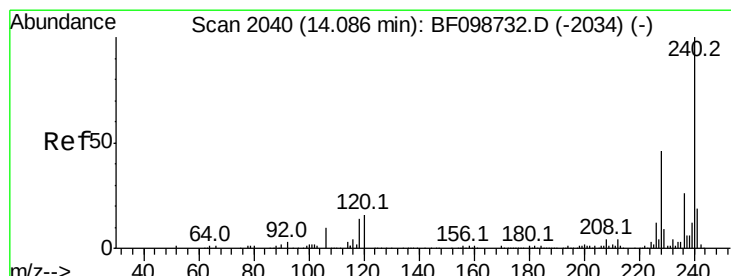
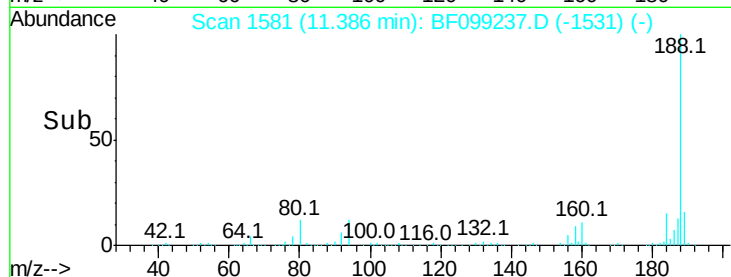
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.1	9.2	13.8



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

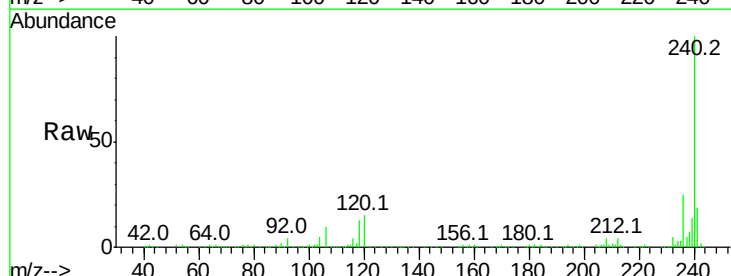


Time-->

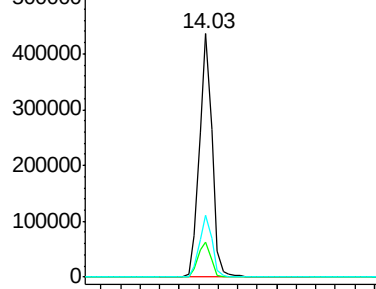


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099237.D
Acq: 8 Oct 2017 17:33

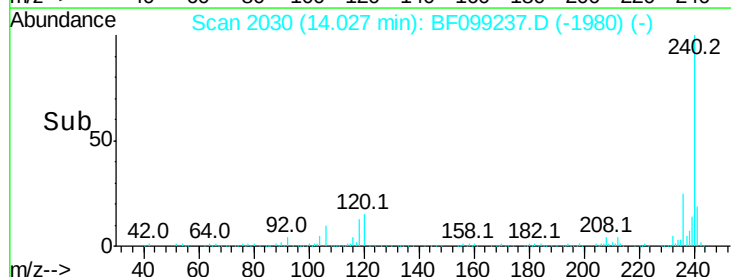
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.4	20.7	31.1

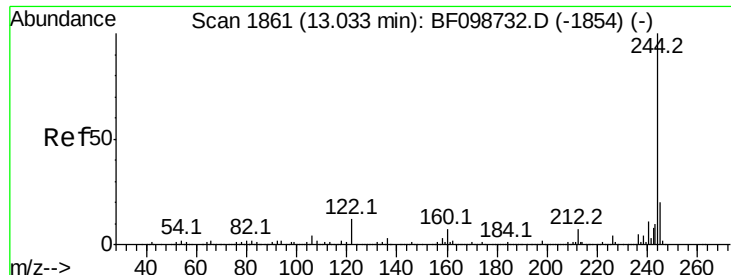


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

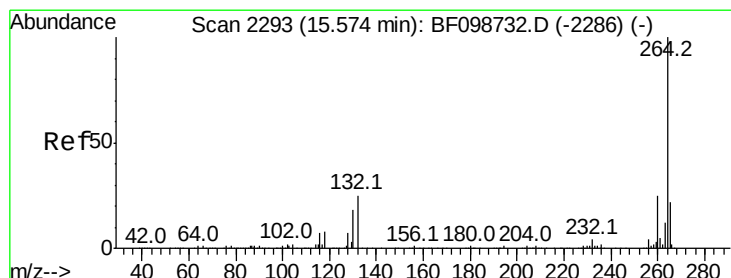
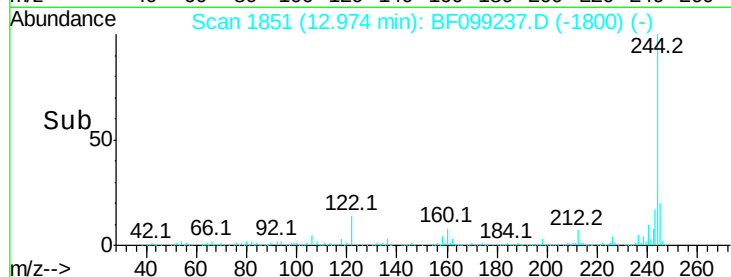
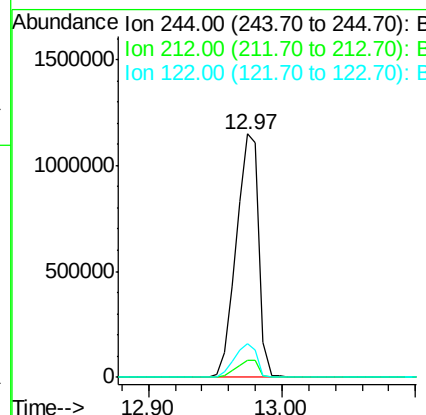
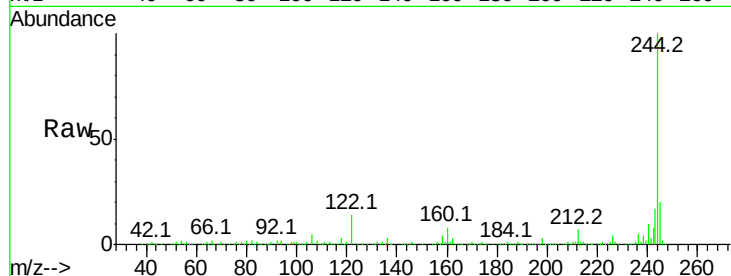




#78
 Terphenyl-d14
 Concen: 78.393 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MH-21

Tot Ion:244 Resp: 1358035
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099237.D
 Acq: 8 Oct 2017 17:33

Tgt Ion:264 Resp: 283142
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.0 17.5 26.3

