

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100839.D
 Acq On : 22 Nov 2017 22:35
 Operator : SJ/JU
 Sample : I6505-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-05

Quant Time: Nov 24 03:54:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

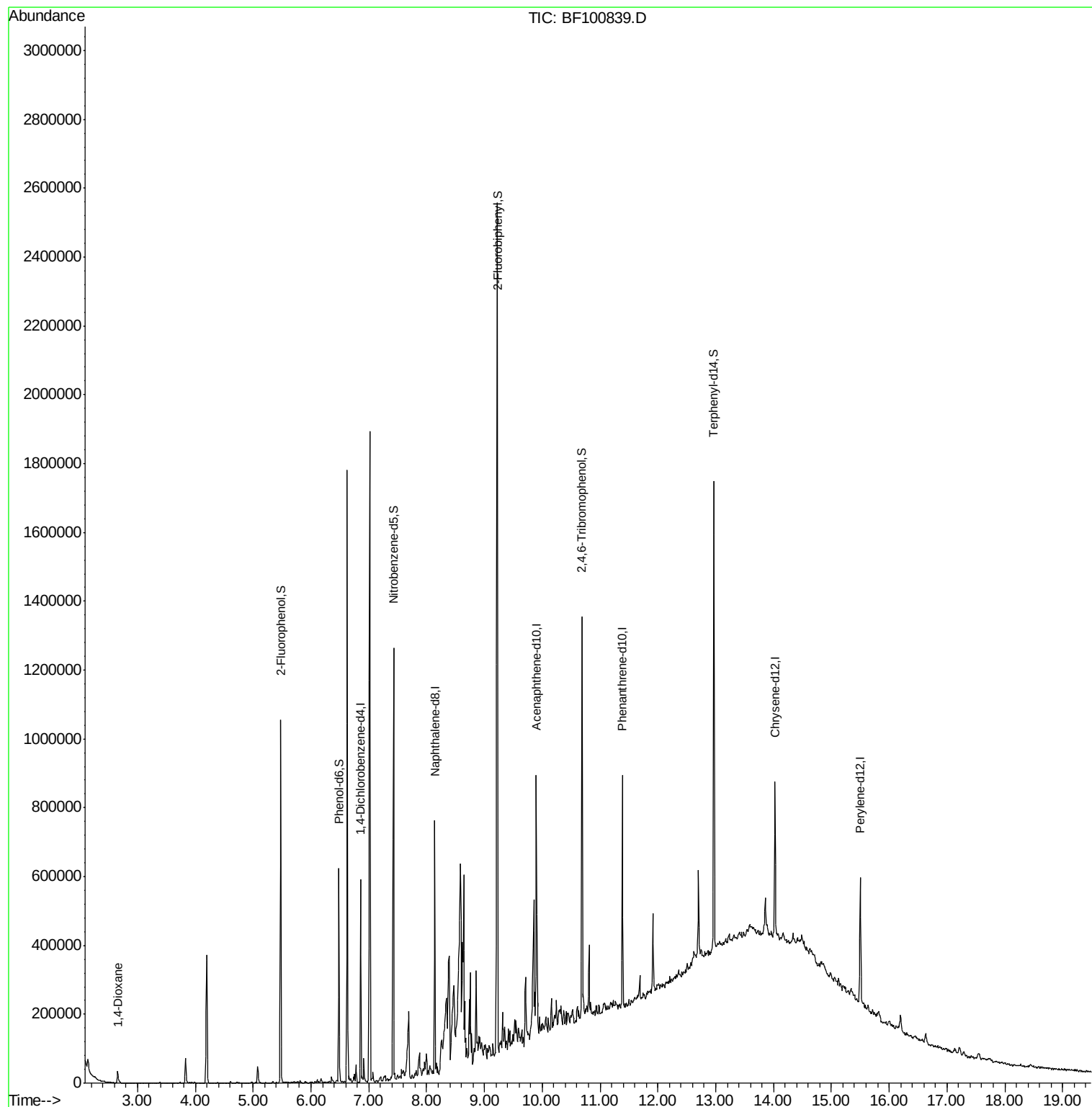
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	81828	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	316197	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	141521	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	226670	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	145961	20.00	ng	-0.02
86) Perylene-d12	15.50	264	174929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	274946	53.86	ng	-0.02
7) Phenol-d6	6.48	99	200353	31.83	ng	-0.03
23) Nitrobenzene-d5	7.43	82	449166	93.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	168373	116.76	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	854137	91.90	ng	-0.02
78) Terphenyl-d14	12.97	244	511875	80.58	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.66	88	16918	6.801	ng	Qvalue # 91

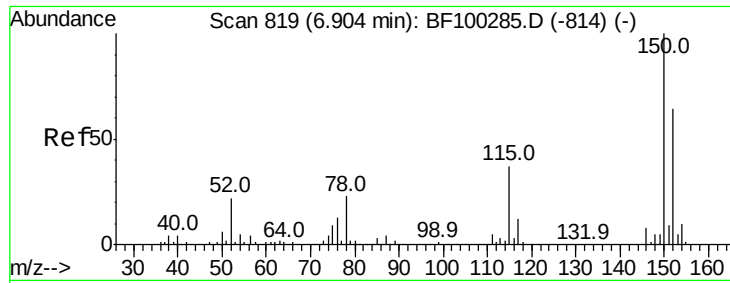
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100839.D
Acq On : 22 Nov 2017 22:35
Operator : SJ/JU
Sample : I6505-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-05

Quant Time: Nov 24 03:54:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



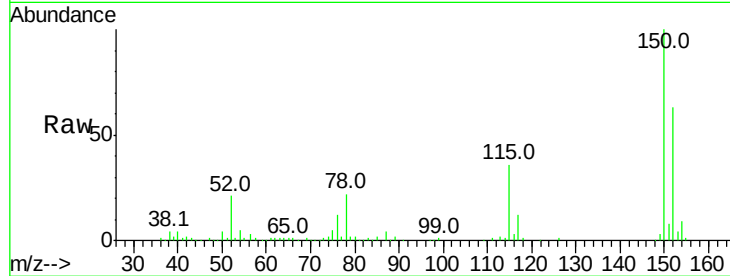


#1

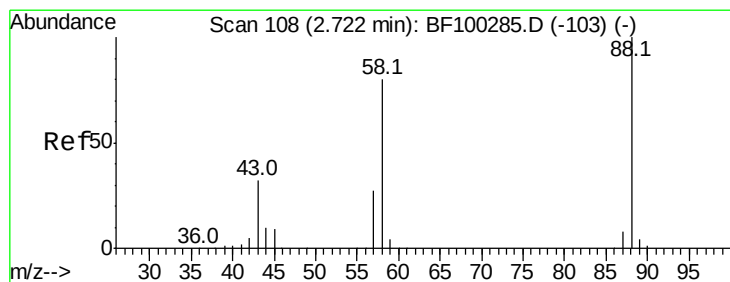
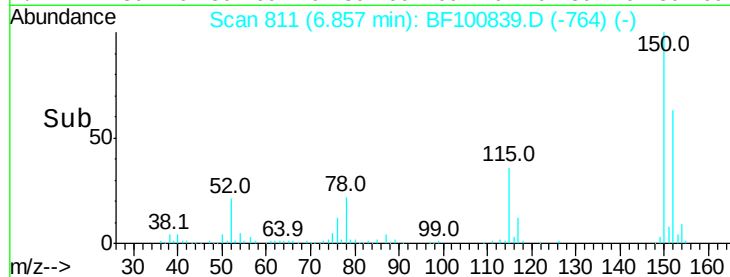
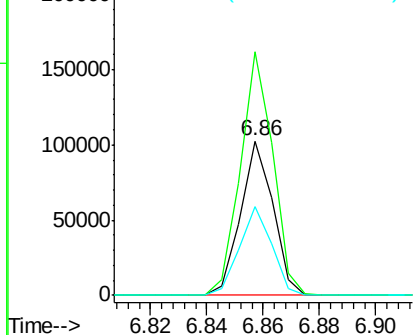
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF100839.D
 Acq: 22 Nov 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 LW-05

Tot Ion:152 Resp: 81828
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 57.4 50.1 75.1



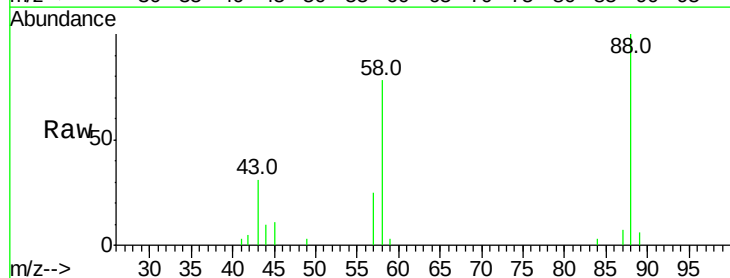
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



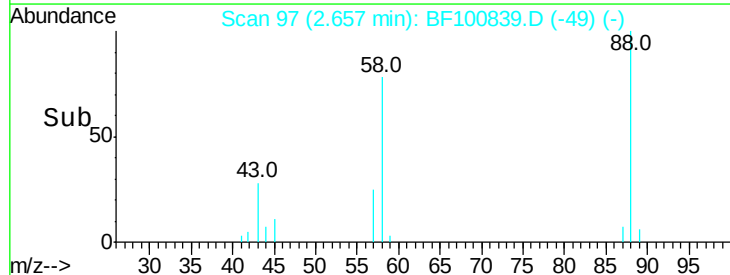
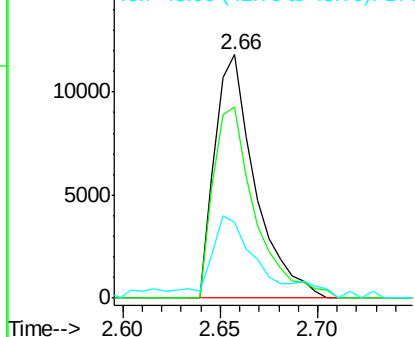
#2

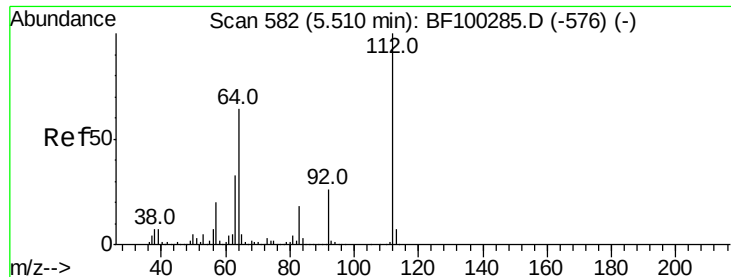
1,4-Dioxane
 Concen: 6.801 ng
 RT: 2.66 min Scan# 97
 Delta R.T. -0.02 min
 Lab File: BF100839.D
 Acq: 22 Nov 2017 22:35

Tgt Ion: 88 Resp: 16918
 Ion Ratio Lower Upper
 88 100
 58 81.5 62.6 93.8
 43 43.8 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 53.861 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

Instrument :

BNA_F

ClientSampleId :

LW-05

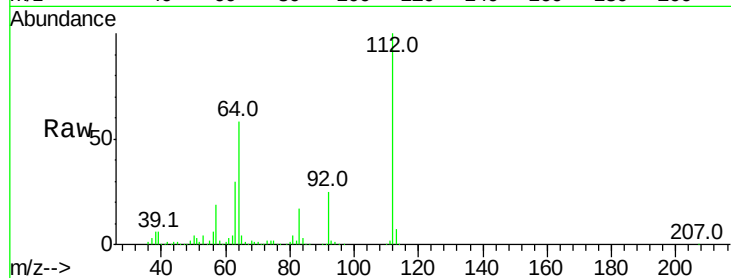
Tot Ion:112 Resp: 274946

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

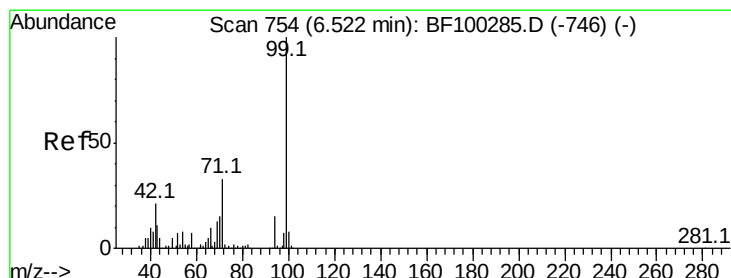
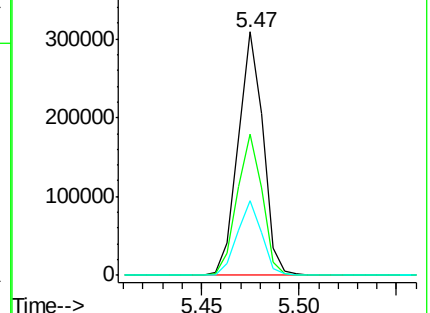
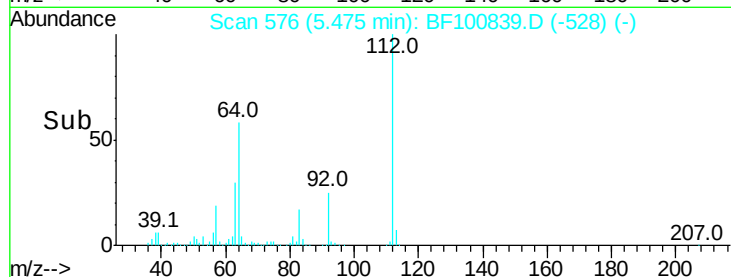
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 31.828 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

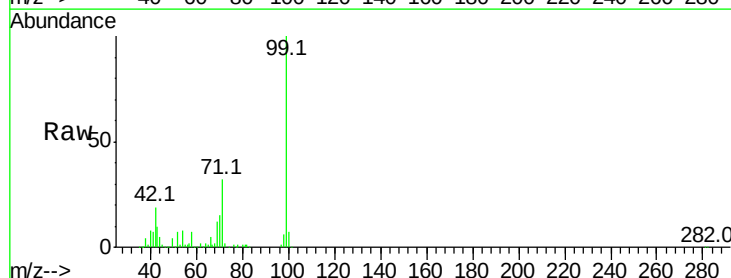
Tgt Ion: 99 Resp: 200353

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

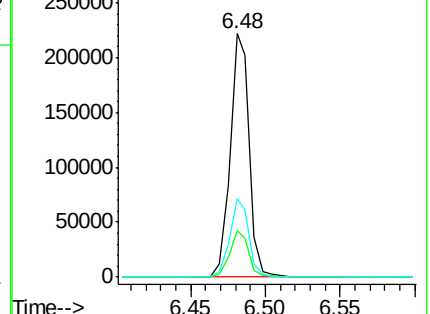
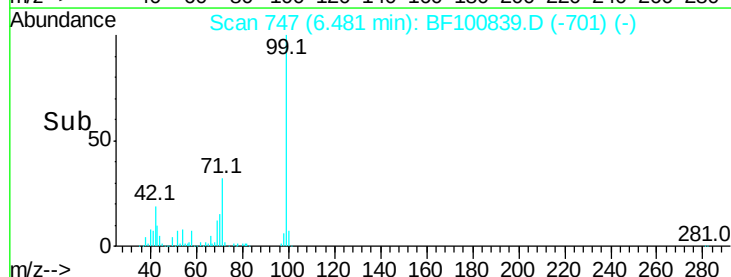
71 32.3 25.4 38.0

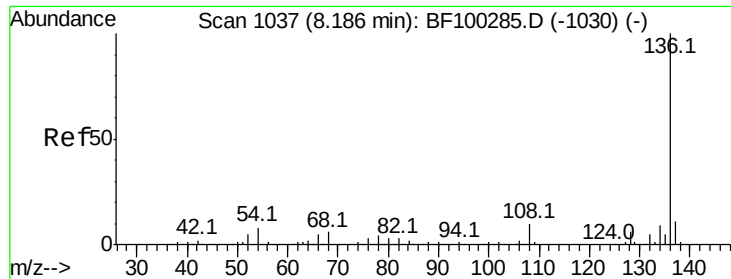


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

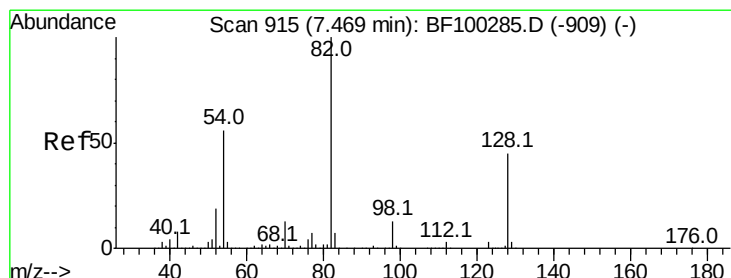
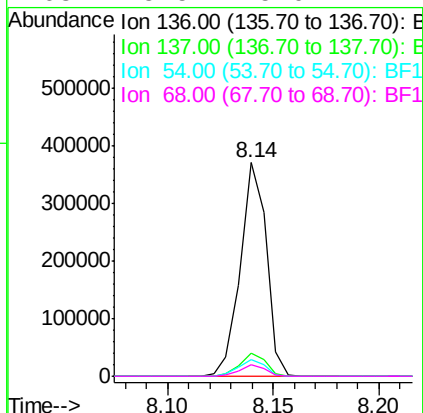
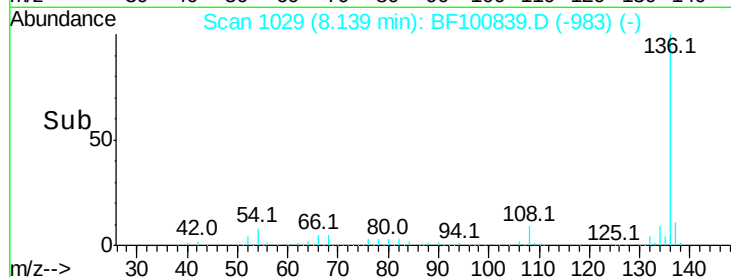
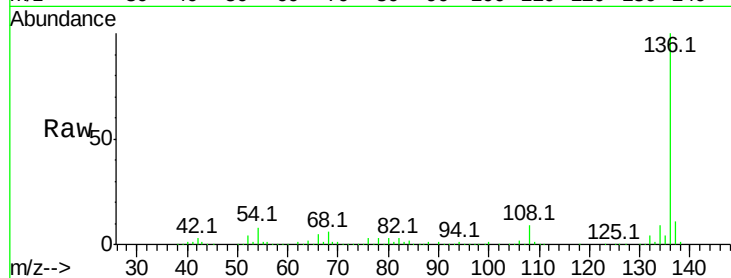




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100839.D
Acq: 22 Nov 2017 22:35

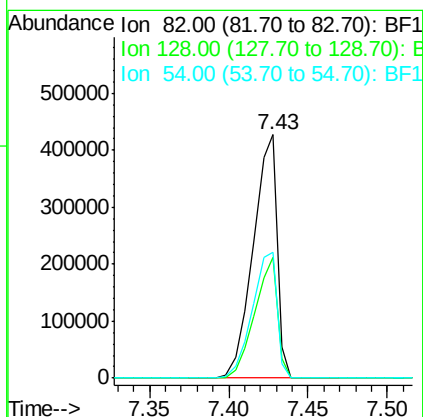
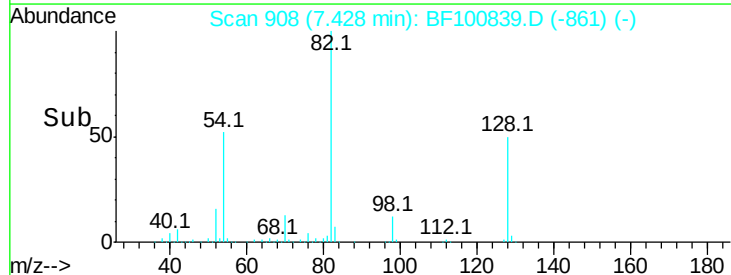
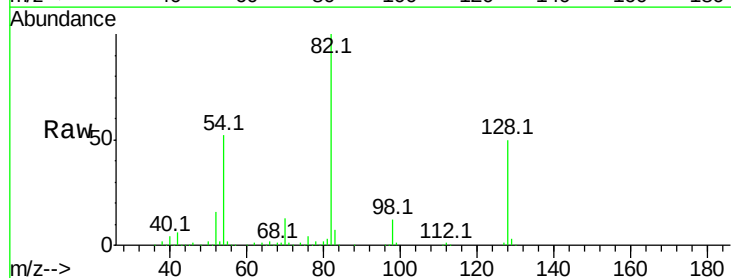
Instrument :
BNA_F
ClientSampleId :
LW-05

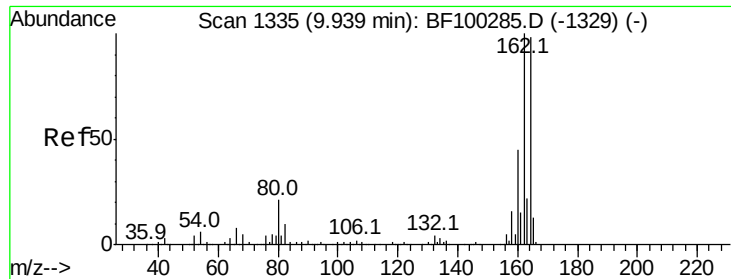
Tot Ion:	136	Resp:	316197
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.916 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100839.D
Acq: 22 Nov 2017 22:35

Tgt Ion:	82	Resp:	449166
Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	51.7	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

Instrument :

BNA_F

ClientSampleId :

LW-05

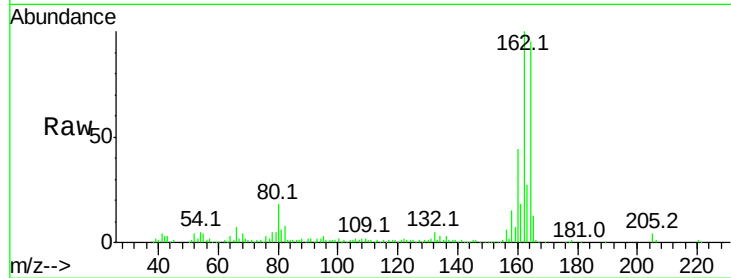
Tot Ion:164 Resp: 141521

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

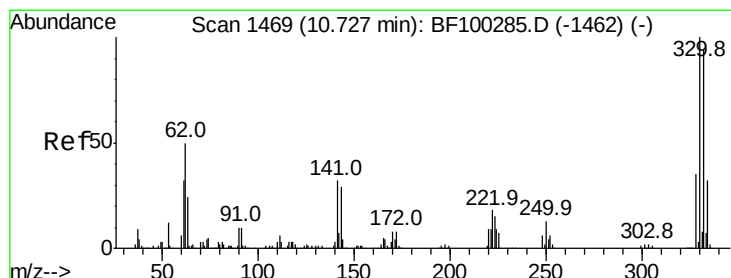
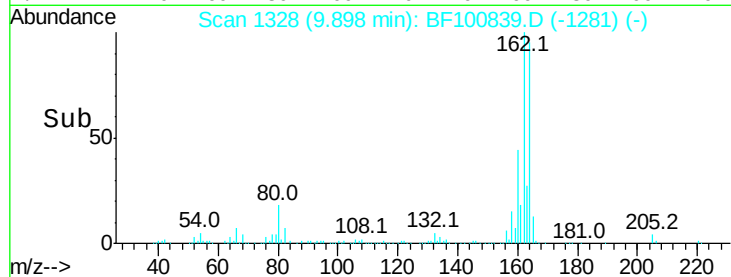
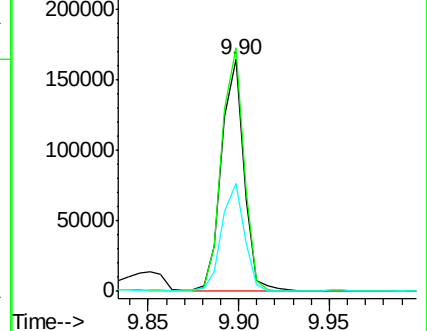
160 46.4 38.3 57.5



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: 116.755 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

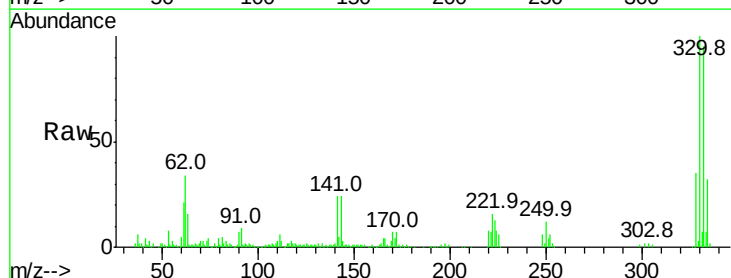
Tgt Ion:330 Resp: 168373

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

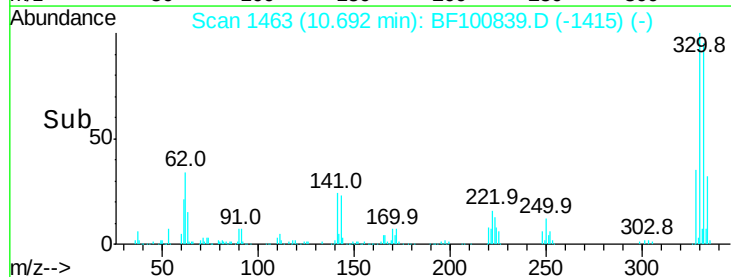
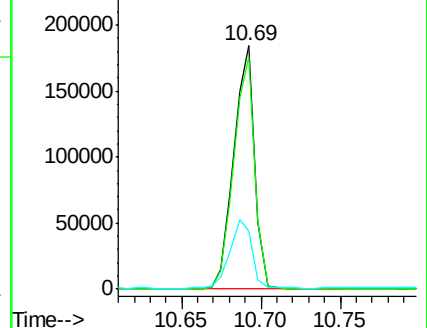
141 30.4 29.9 44.9

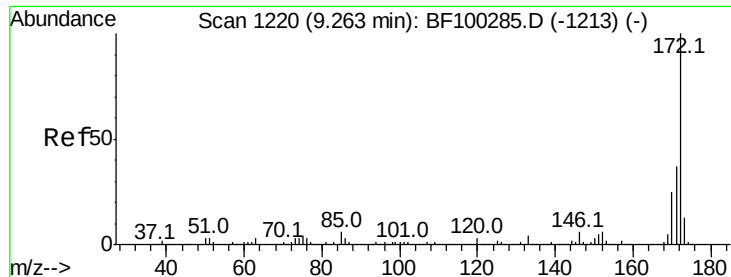


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

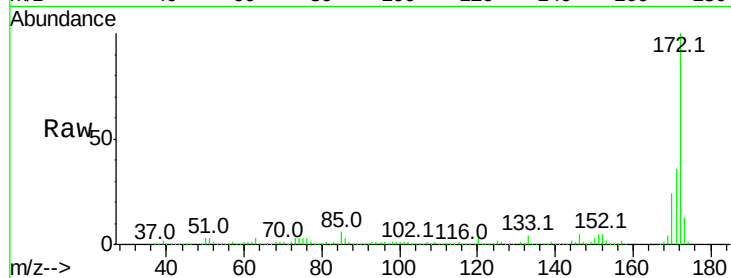




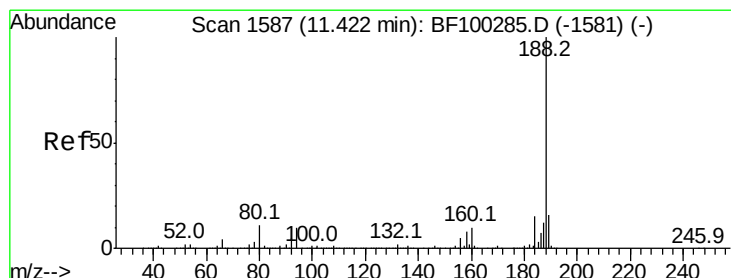
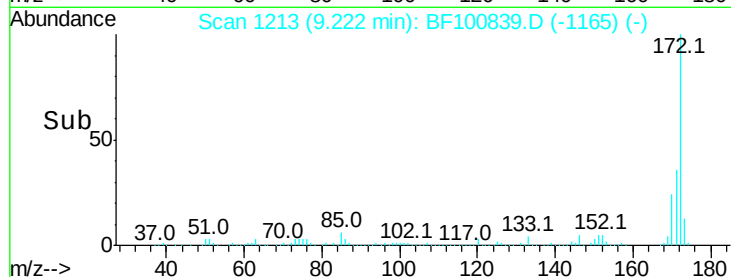
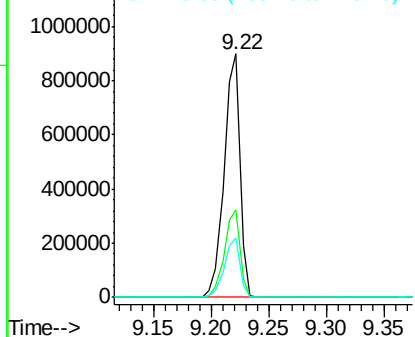
#44
2-Fluorobiphenyl
Concen: 91.902 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF100839.D
Acq: 22 Nov 2017 22:35

Instrument :
BNA_F
ClientSampleId :
LW-05

Tot Ion:172 Resp: 854137
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4

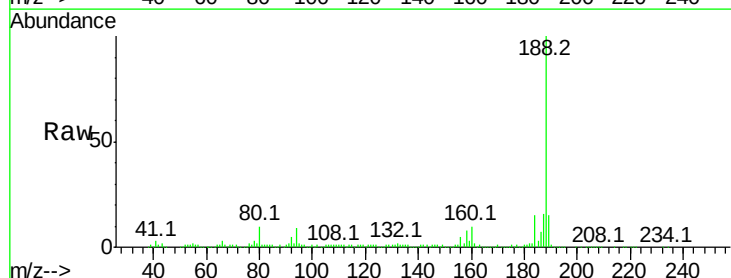


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

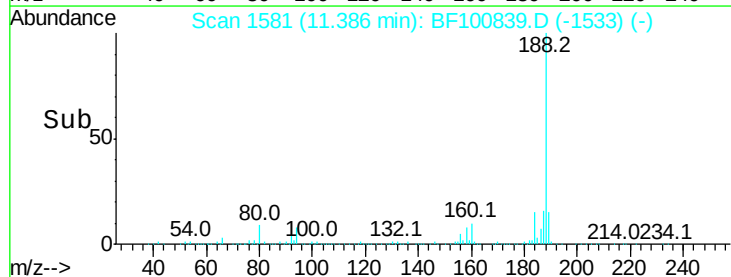
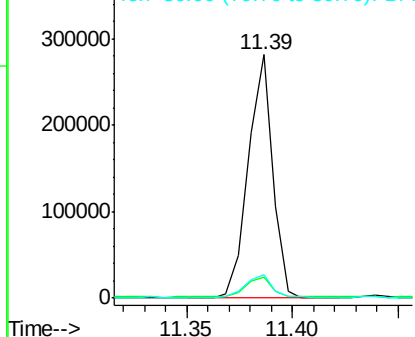


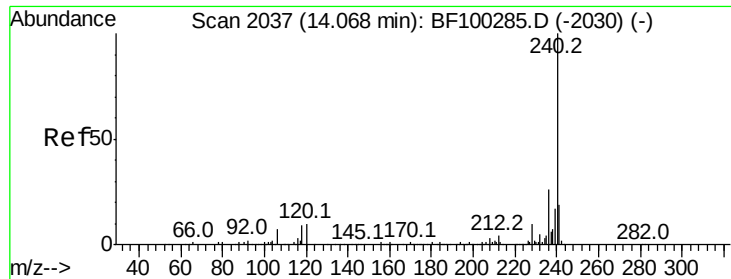
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100839.D
Acq: 22 Nov 2017 22:35

Tgt Ion:188 Resp: 226670
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

Instrument :

BNA_F

ClientSampleId :

LW-05

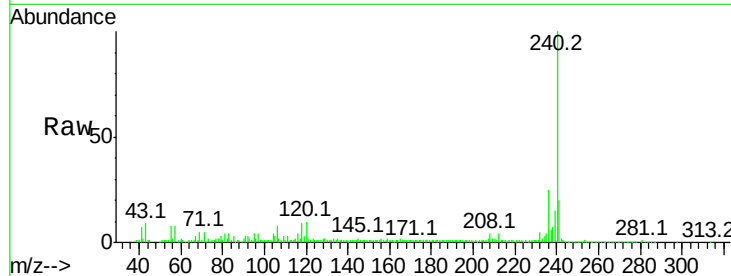
Tot Ion:240 Resp: 145961

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

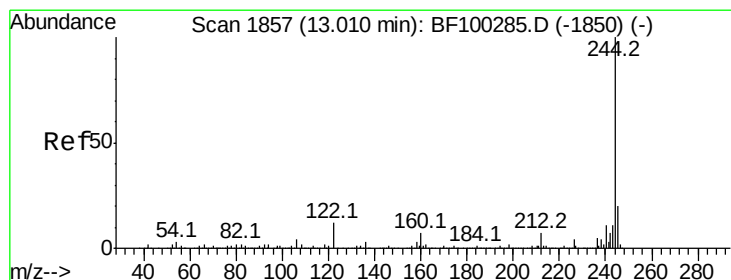
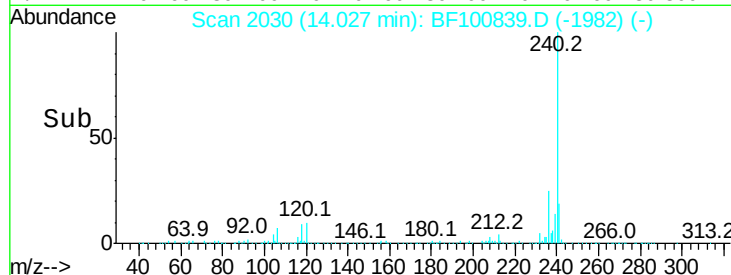
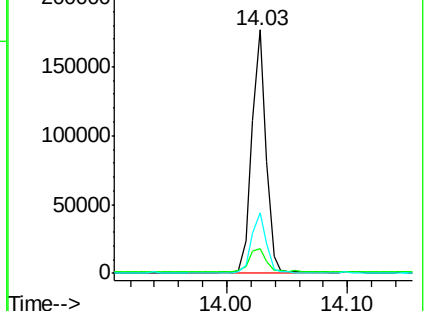
236 24.9 20.7 31.1



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: 80.579 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100839.D

Acq: 22 Nov 2017 22:35

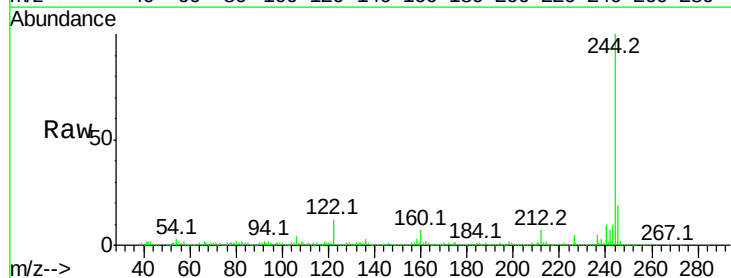
Tgt Ion:244 Resp: 511875

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

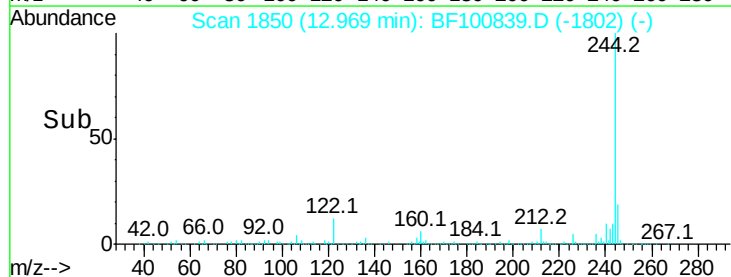
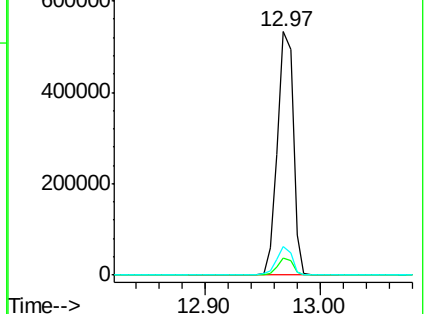
122 11.9 11.0 16.4

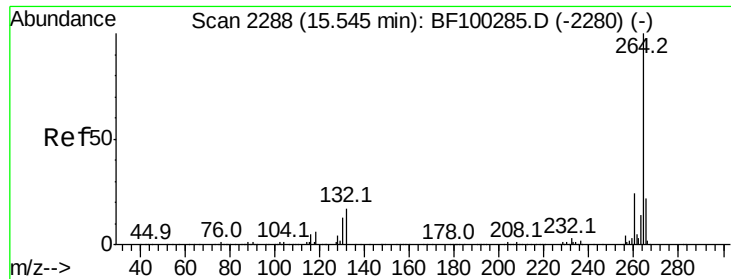


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100839.D
 Acq: 22 Nov 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 LW-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

