

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100842.D
 Acq On : 22 Nov 2017 23:55
 Operator : SJ/JU
 Sample : I6528-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-BACKYARD

Quant Time: Nov 24 05:00:12 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

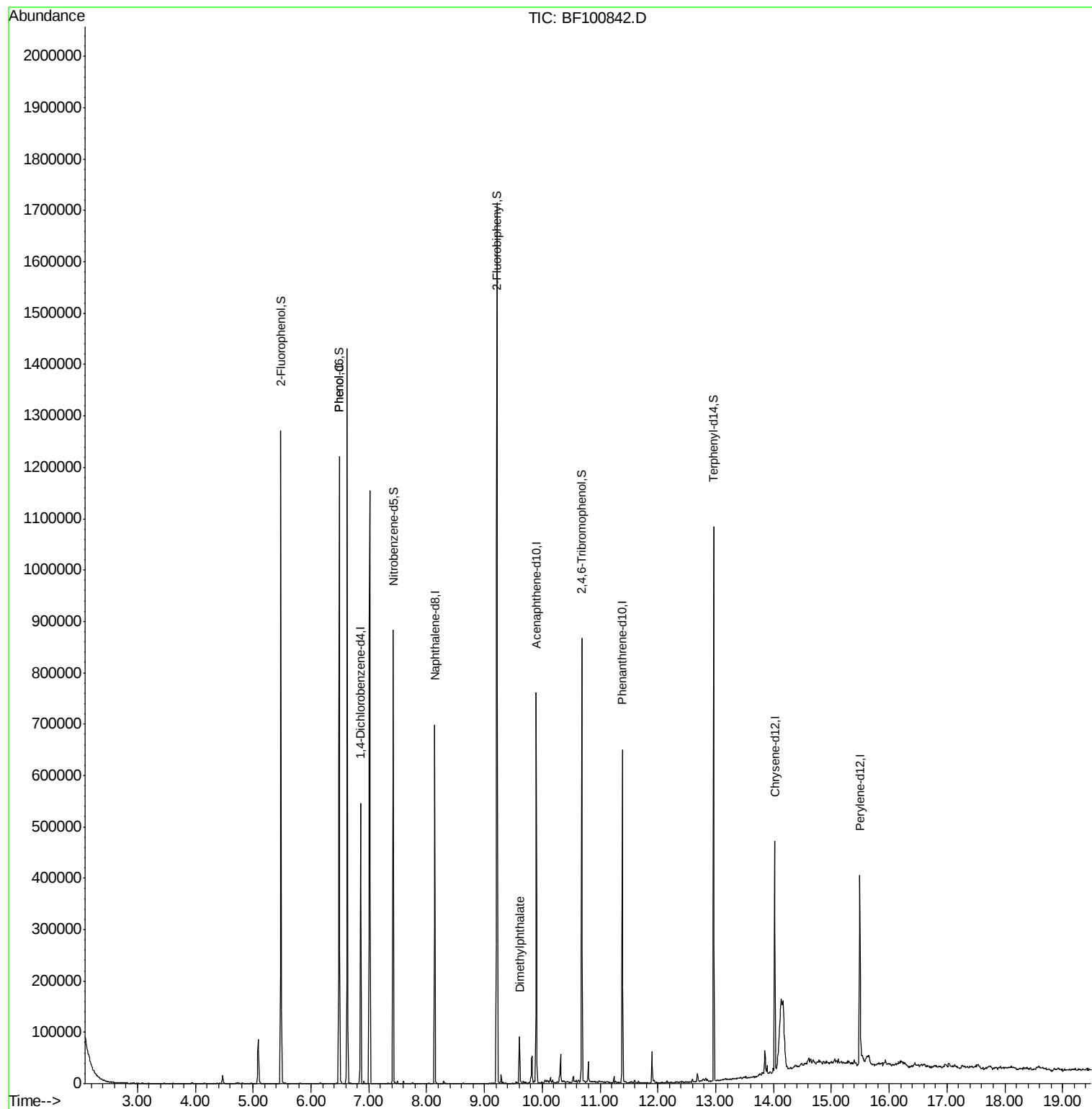
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78649	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	311030	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	138601	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	240356	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	146201	20.00	ng	-0.02
86) Perylene-d12	15.49	264	174272	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	354193	72.19	ng	-0.01
7) Phenol-d6	6.49	99	423184	69.94	ng	-0.02
23) Nitrobenzene-d5	7.42	82	263193	55.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	104819	74.22	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	504696	55.45	ng	-0.02
78) Terphenyl-d14	12.97	244	354041	55.64	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	13955	2.197	ng	Qvalue 80
49) Dimethylphthalate	9.61	163	36025	3.404	ng	# 98

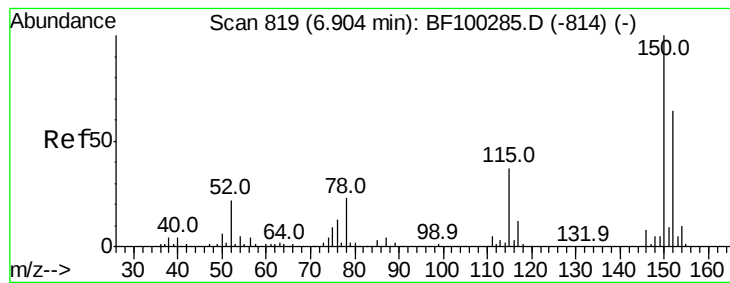
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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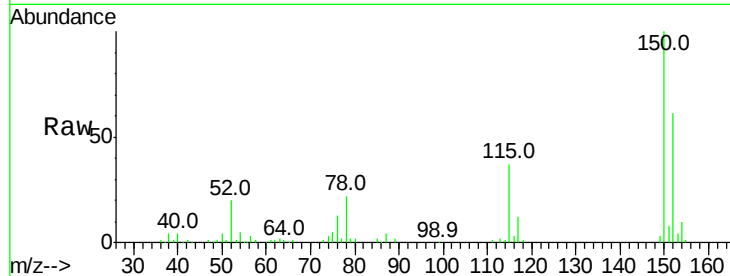


#1

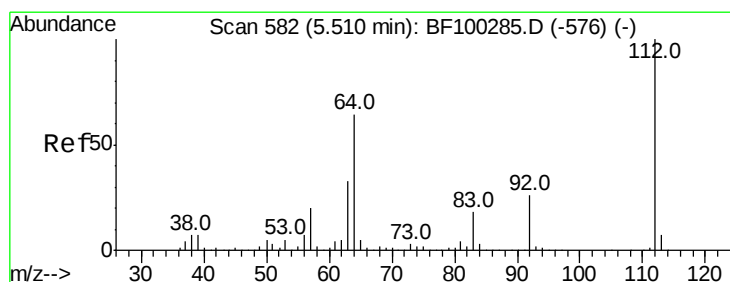
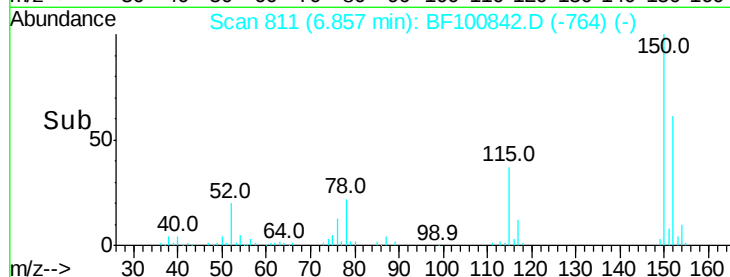
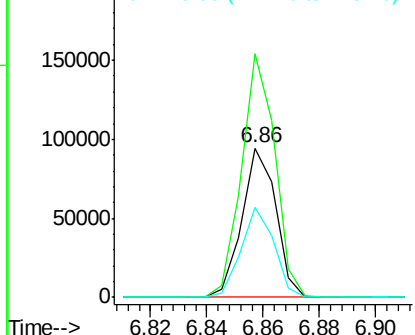
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Instrument :
BNA_F
ClientSampleId :
S-2-BACKYARD

Tot Ion:152 Resp: 78649
Ion Ratio Lower Upper
152 100
150 163.3 124.6 186.8
115 60.2 50.1 75.1



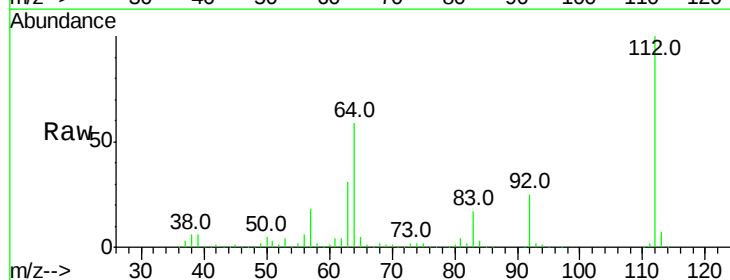
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



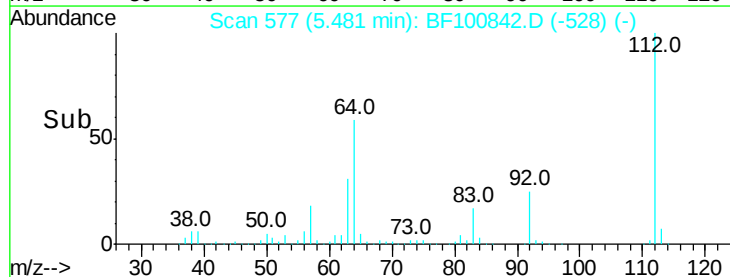
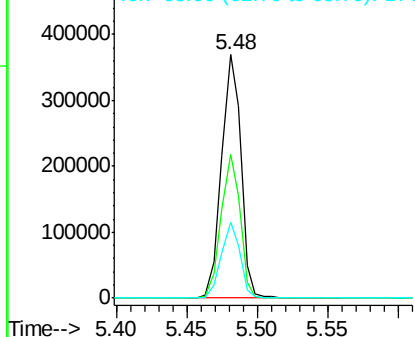
#5

2-Fluorophenol
Concen: 72.190 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Tgt Ion:112 Resp: 354193
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 69.945 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100842.D

Acq: 22 Nov 2017 23:55

Instrument :

BNA_F

ClientSampleId :

S-2-BACKYARD

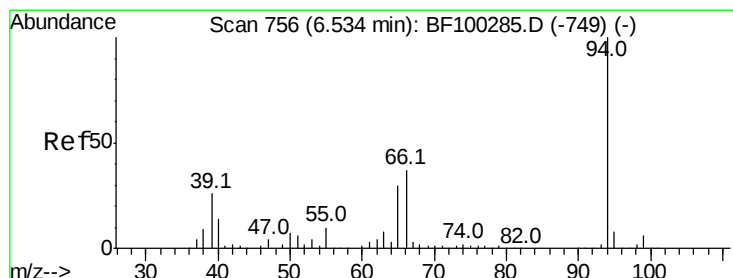
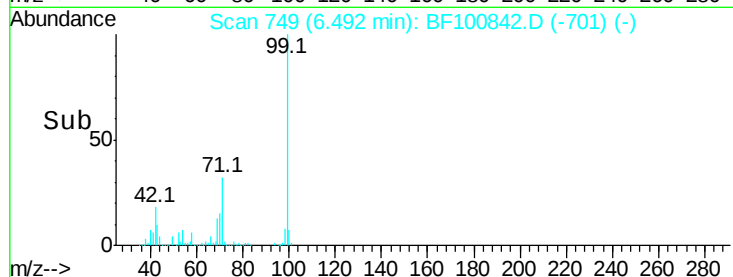
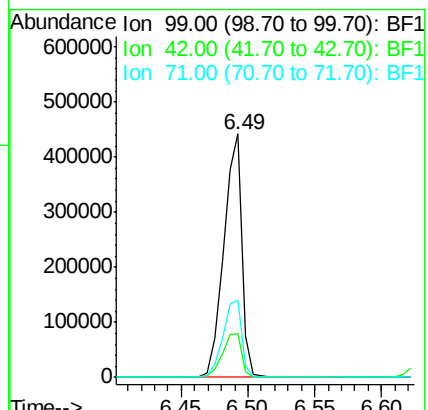
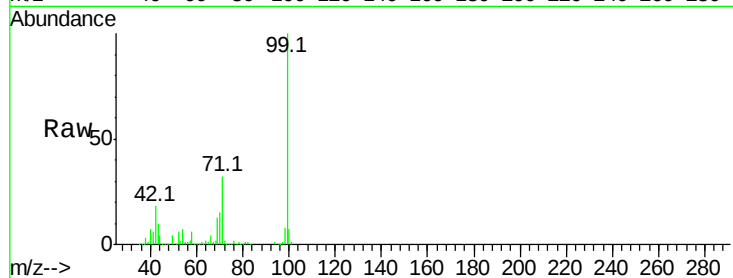
Tot Ion: 99 Resp: 423184

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 2.197 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100842.D

Acq: 22 Nov 2017 23:55

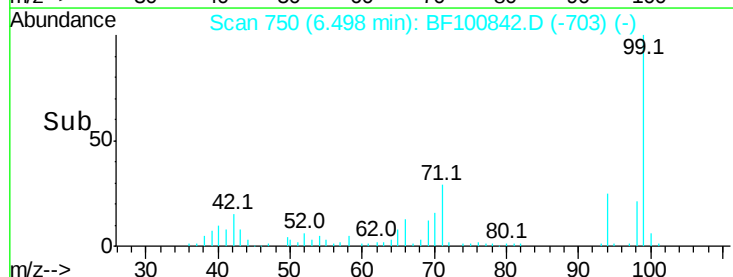
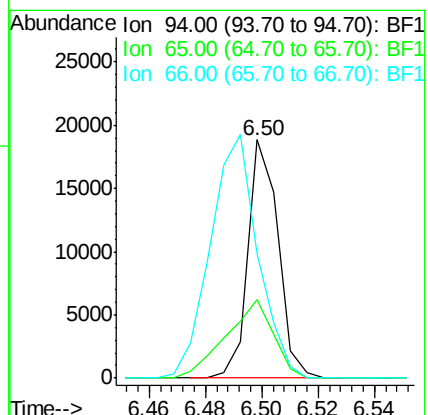
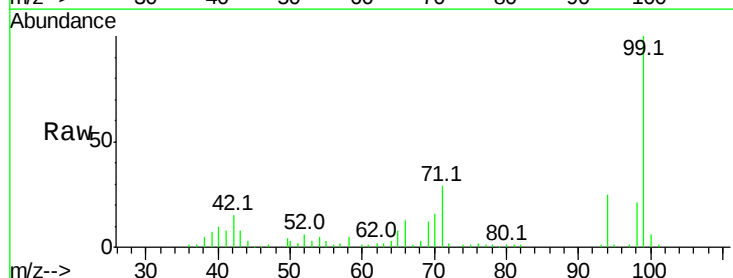
Tgt Ion: 94 Resp: 13955

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 52.3 16.2 56.2

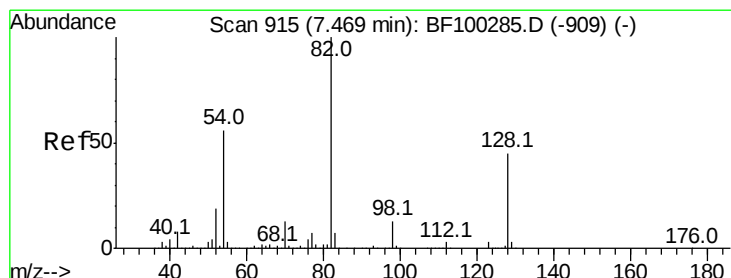
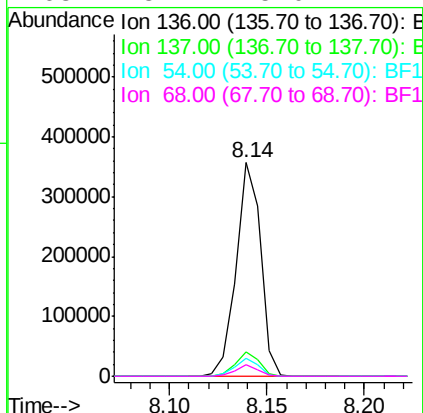
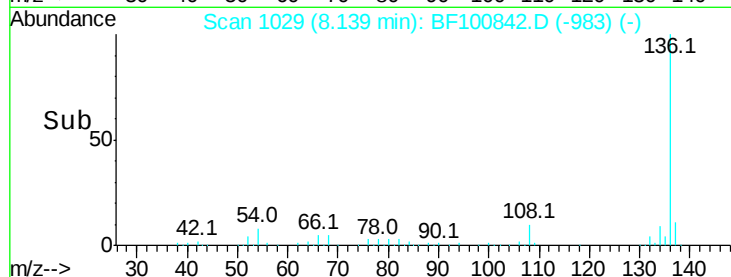
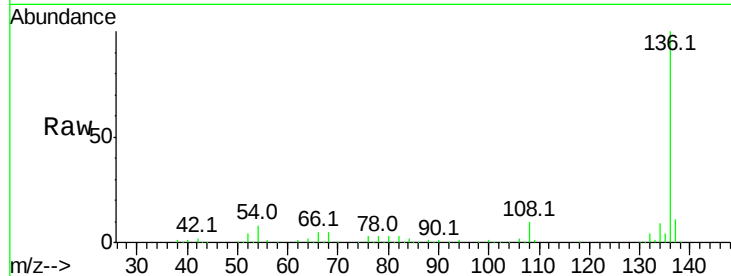




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

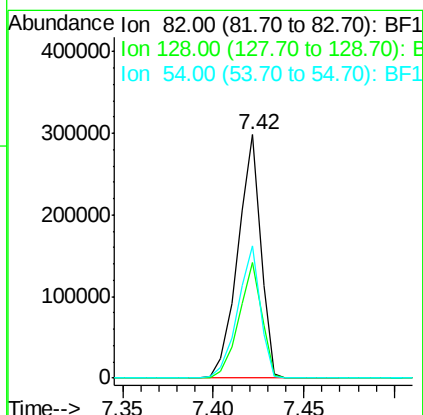
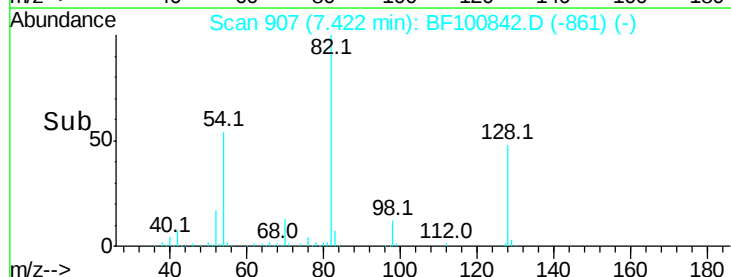
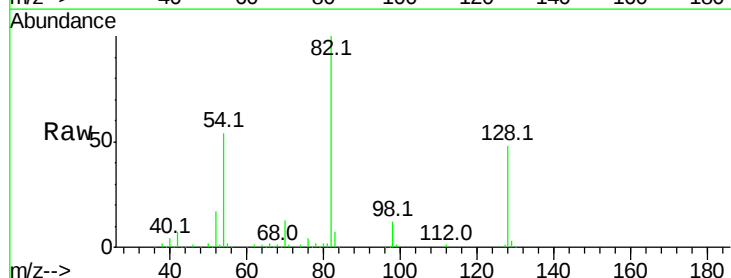
Instrument :
BNA_F
ClientSampleId :
S-2-BACKYARD

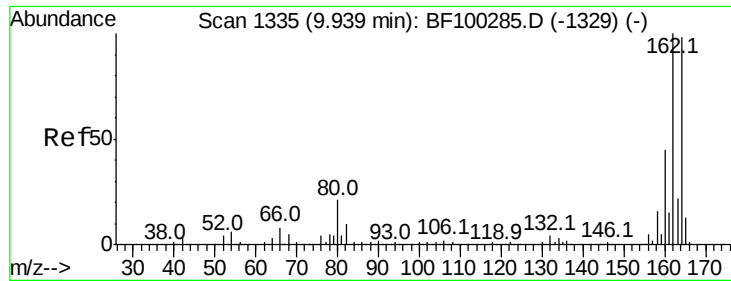
Tot Ion:136	Resp:	311030
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 8.1	6.6	9.8
68 5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 55.945 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Tgt Ion: 82	Resp: 263193
Ion Ratio	Lower Upper
82 100	
128 47.6	36.1 54.1
54 54.2	41.4 62.2

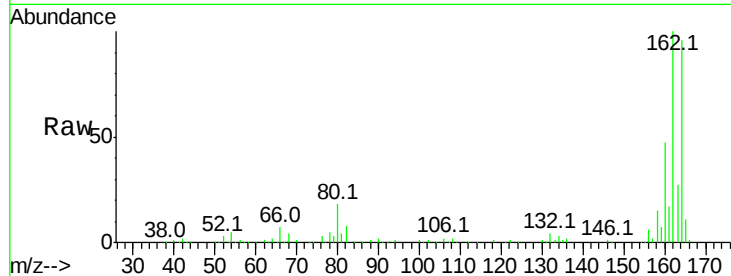




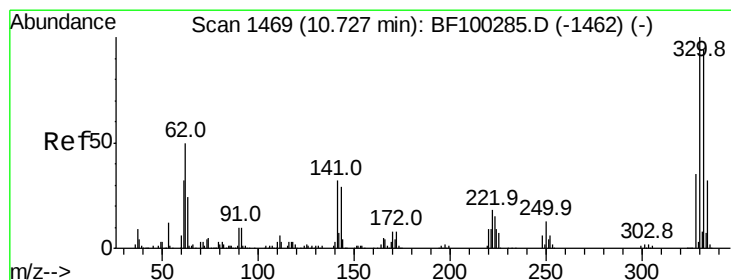
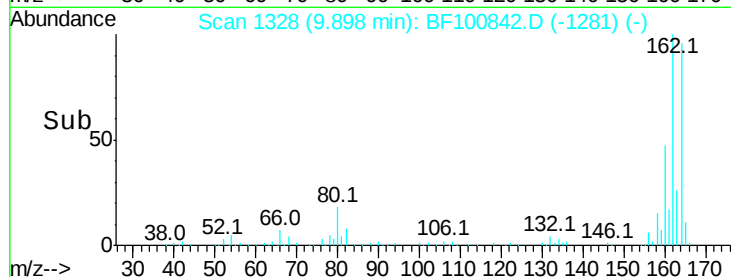
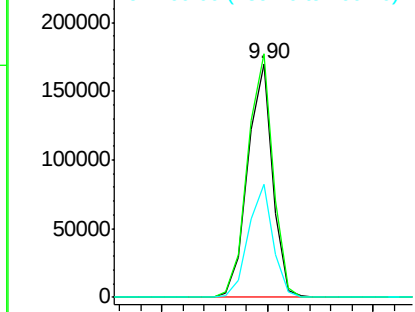
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Instrument :
BNA_F
ClientSampleId :
S-2-BACKYARD

Tot Ion:164 Resp: 138601
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 48.6 38.3 57.5

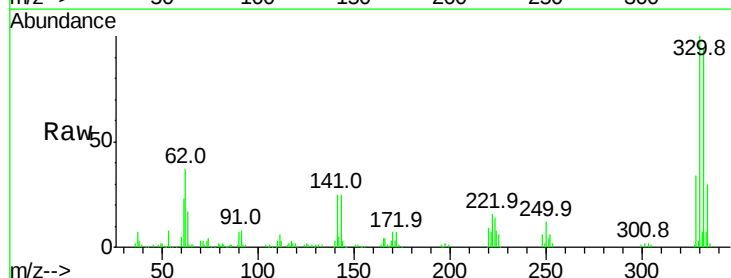


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

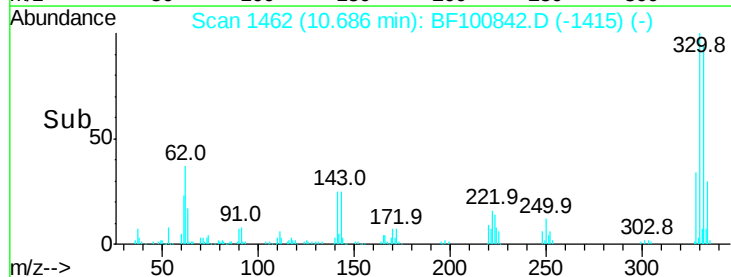
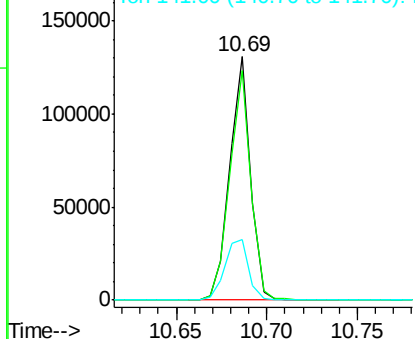


#41
2,4,6-Tribromophenol
Concen: 74.216 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Tgt Ion:330 Resp: 104819
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 28.6 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

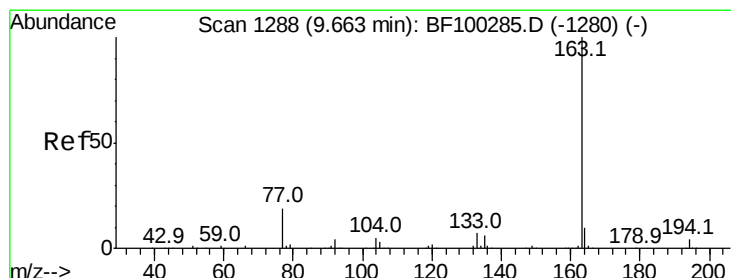
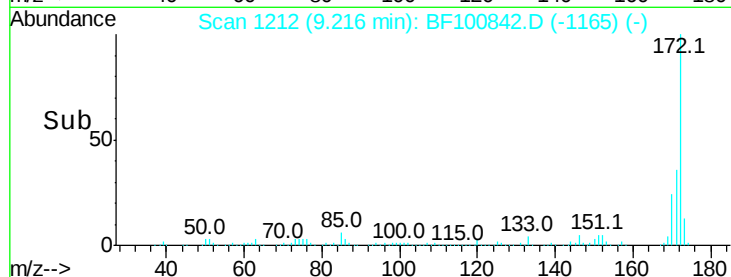
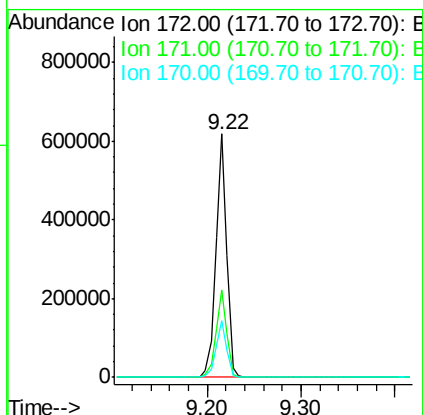
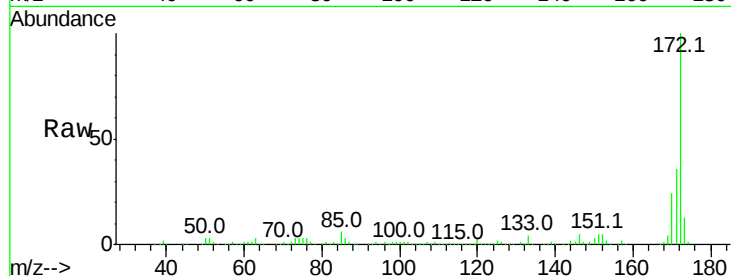




#44
2-Fluorobiphenyl
Concen: 55.447 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

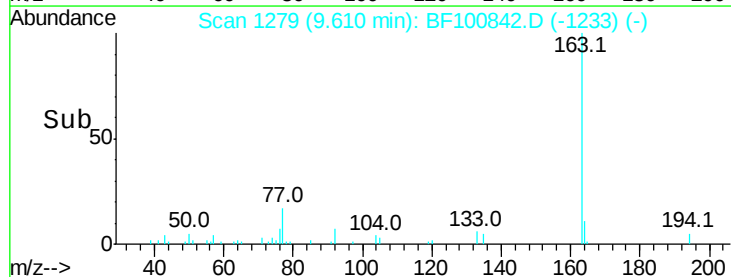
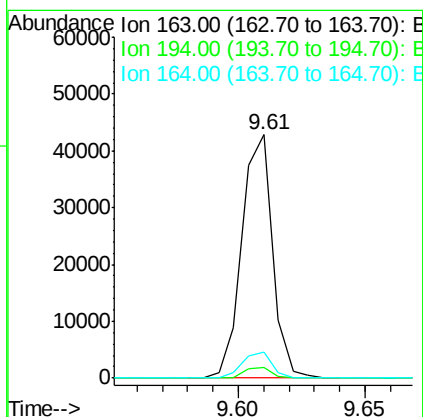
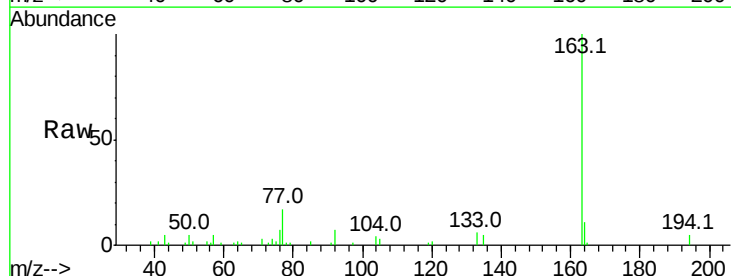
Instrument :
BNA_F
ClientSampleId :
S-2-BACKYARD

Tot Ion:172 Resp: 504696
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 3.404 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Tgt Ion:163 Resp: 36025
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.8 8.2 12.2

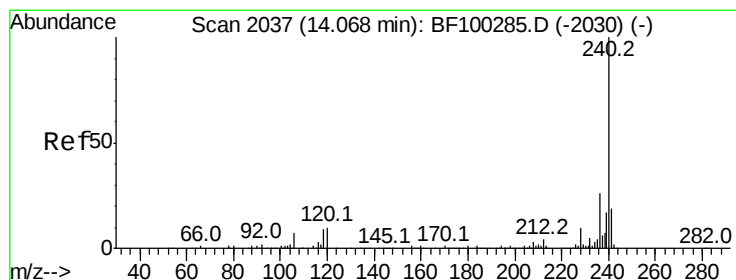
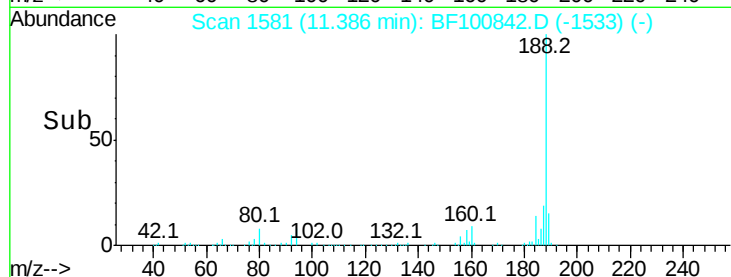
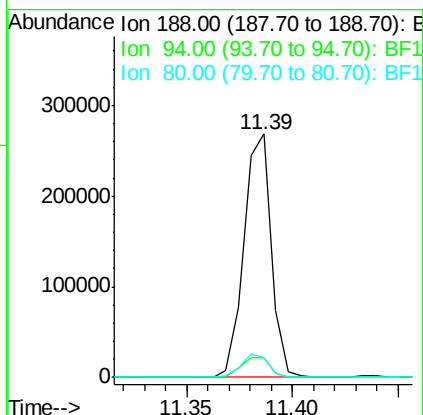
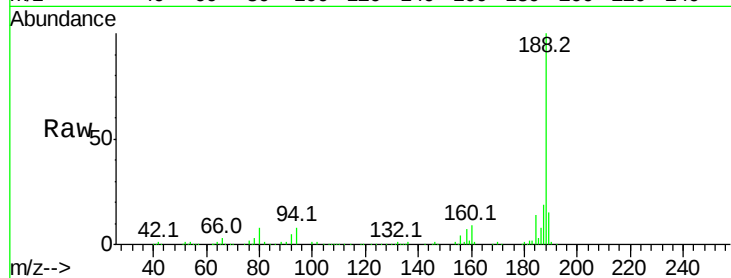




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

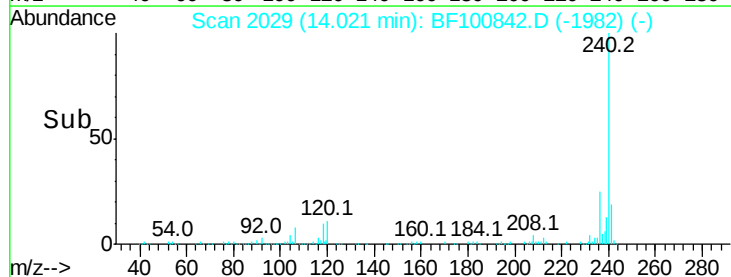
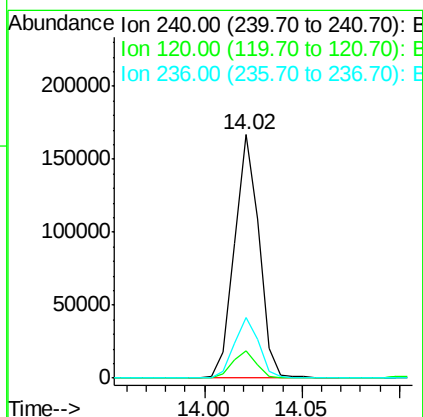
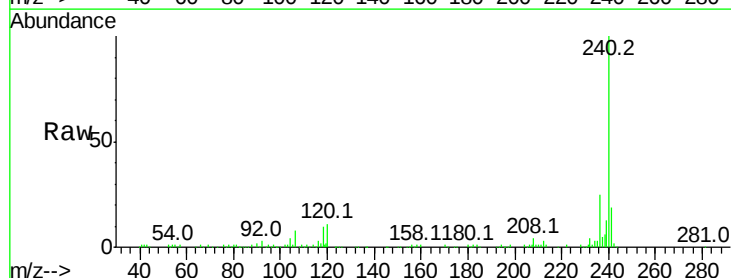
Instrument :
BNA_F
ClientSampleId :
S-2-BACKYARD

Tot Ion:188 Resp: 240356
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100842.D
Acq: 22 Nov 2017 23:55

Tgt Ion:240 Resp: 146201
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.1 20.7 31.1

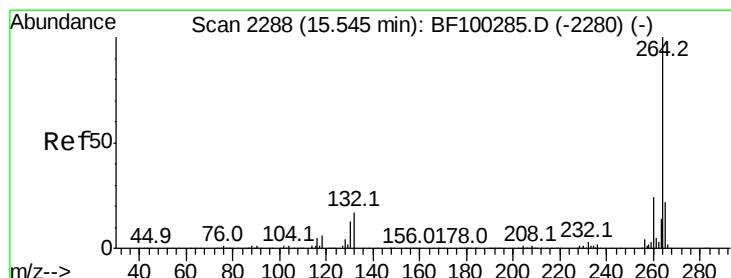
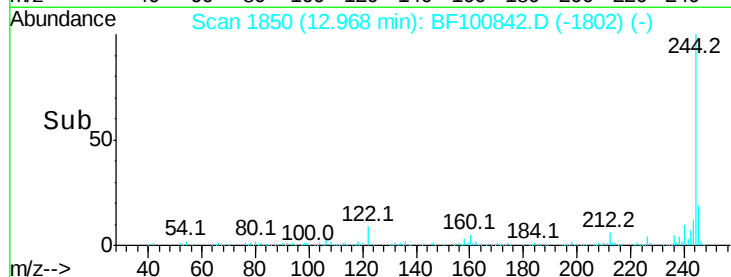
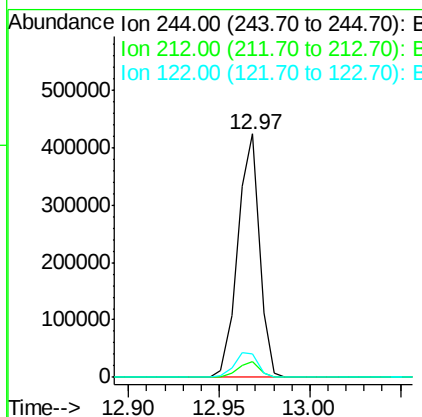
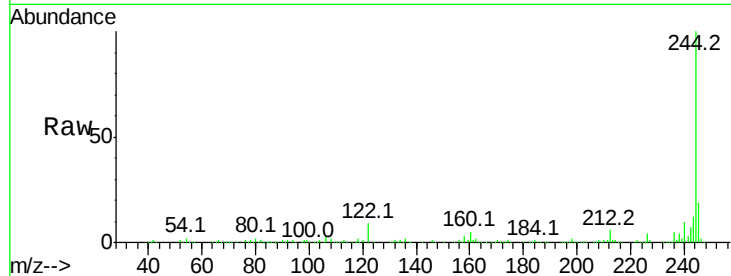




#78
 Terphenyl-d14
 Concen: 55.641 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF100842.D
 Acq: 22 Nov 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 S-2-BACKYARD

Tot Ion:244 Resp: 354041
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100842.D
 Acq: 22 Nov 2017 23:55

Tgt Ion:264 Resp: 174272
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.9 17.5 26.3

