

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100820.D
 Acq On : 22 Nov 2017 12:24
 Operator : SJ/JU
 Sample : I6310-05 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:25:45 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

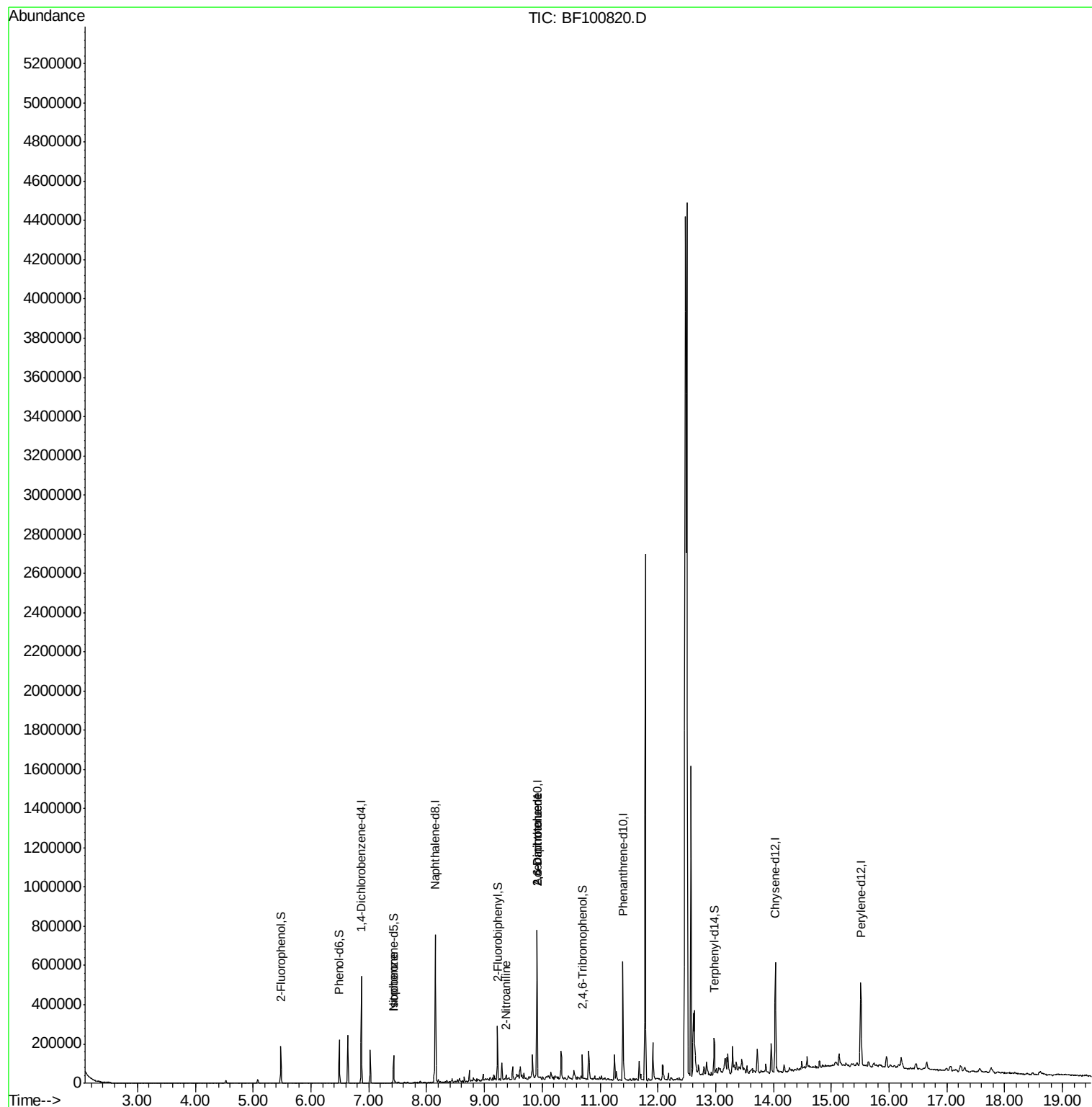
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83654	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	315516	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	136862	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	210674	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	177042	20.00	ng	-0.01
86) Perylene-d12	15.51	264	188748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	56238	10.78	ng	-0.01
7) Phenol-d6	6.49	99	68889	10.70	ng	-0.02
23) Nitrobenzene-d5	7.43	82	38933	8.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	14402	10.33	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	86717	9.65	ng	-0.02
78) Terphenyl-d14	12.97	244	58009	7.53	ng	-0.01
Target Compounds						
25) Isophorone	7.43	82	38932	3.882	ng	# 64
47) 2-Nitroaniline	9.37	65	267	2.883	ng	# 2
50) 2,6-Dinitrotoluene	9.91	165	19110	9.239	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	19110	7.323	ng	# 22

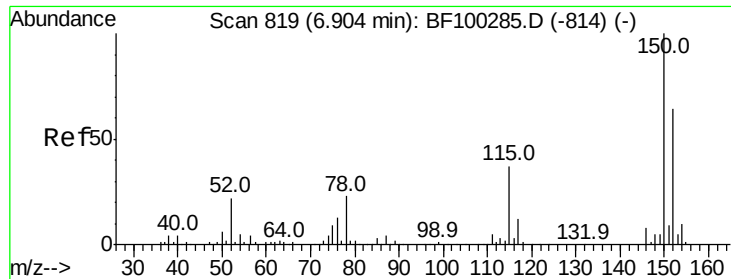
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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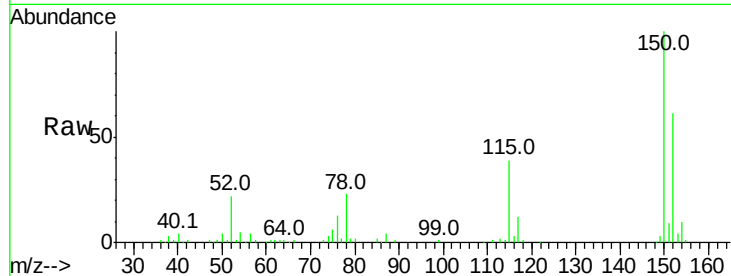


#1

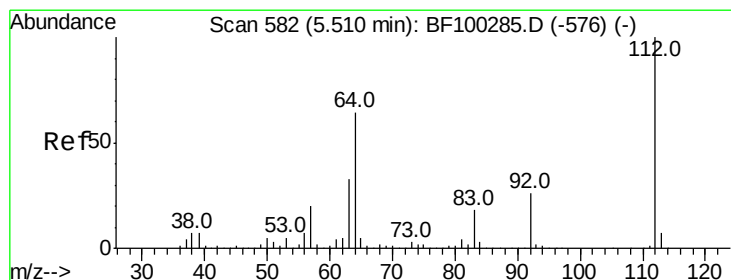
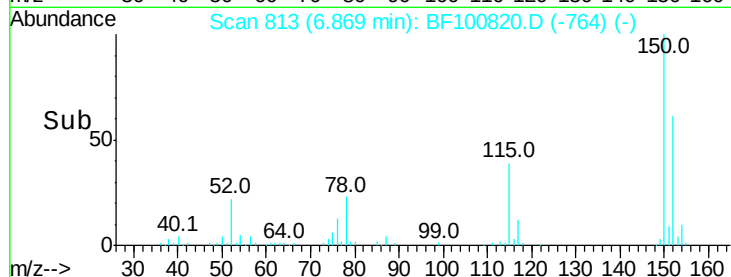
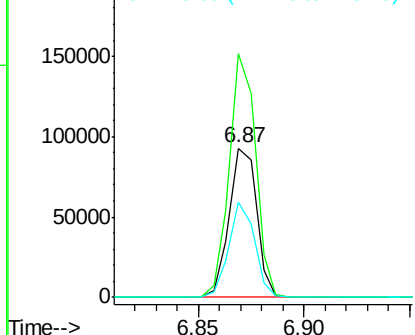
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83654
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 63.5 50.1 75.1



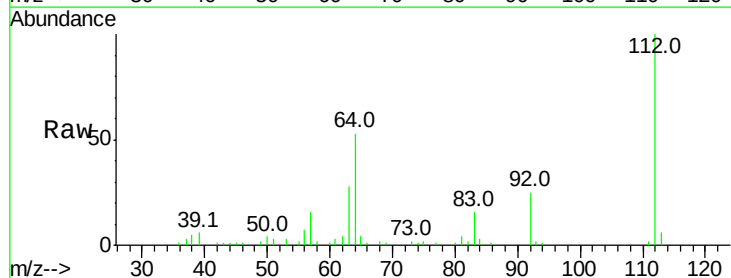
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



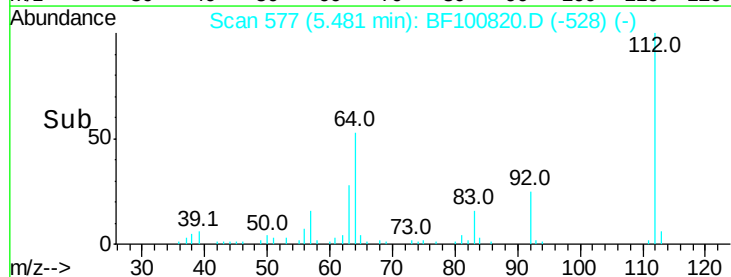
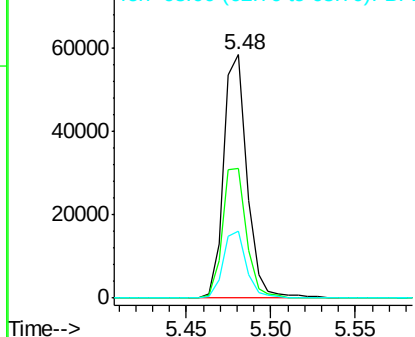
#5

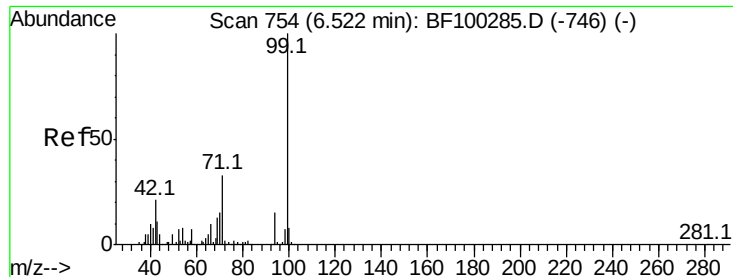
2-Fluorophenol
Concen: 10.776 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:112 Resp: 56238
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 27.6 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: 10.705 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

Instrument :

BNA_F

ClientSampled :

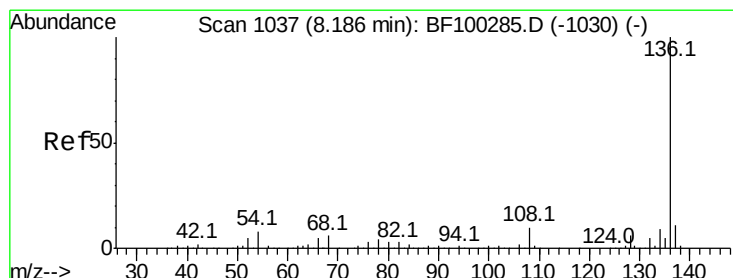
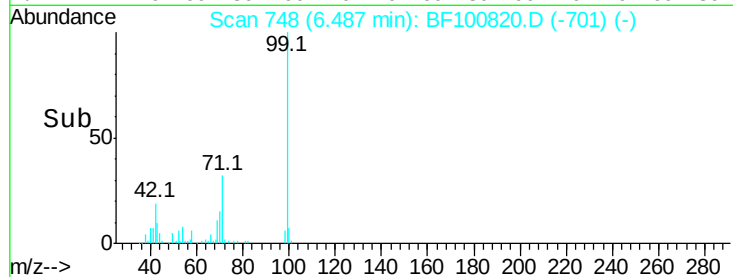
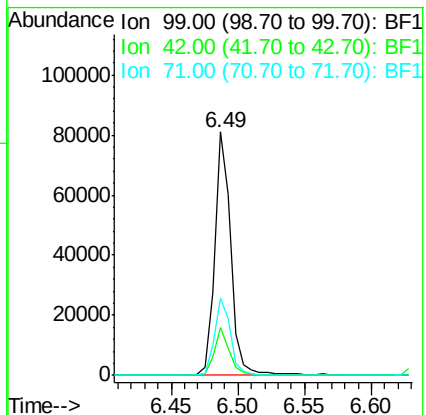
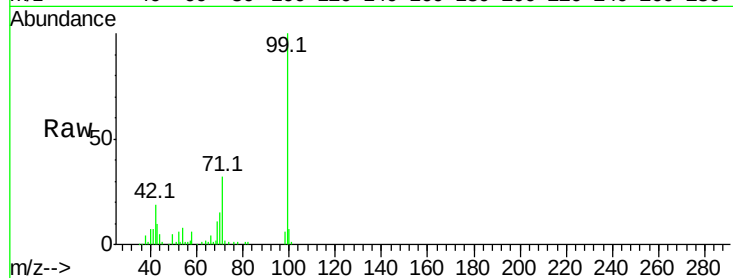
Tot Ion: 99 Resp: 68889

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

Tgt Ion: 136 Resp: 315516

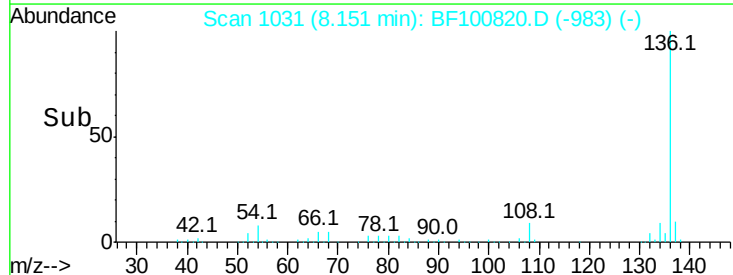
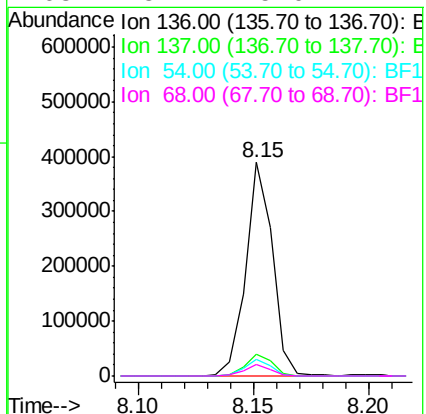
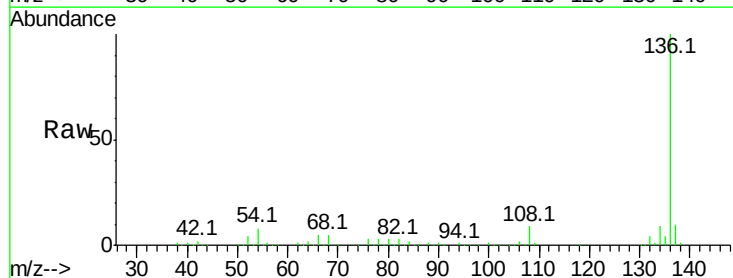
Ion Ratio Lower Upper

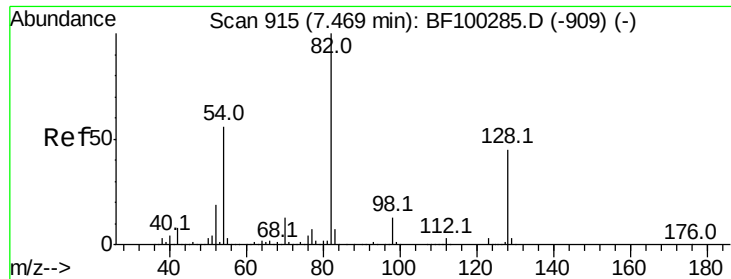
136 100

137 10.5 8.9 13.3

54 8.0 6.6 9.8

68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.158 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

Instrument :

BNA_F

ClientSampleId :

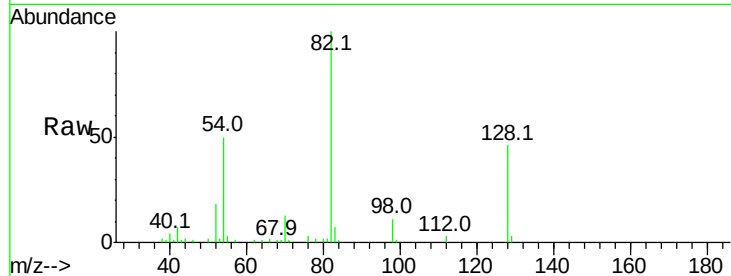
Tot Ion: 82 Resp: 38933

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

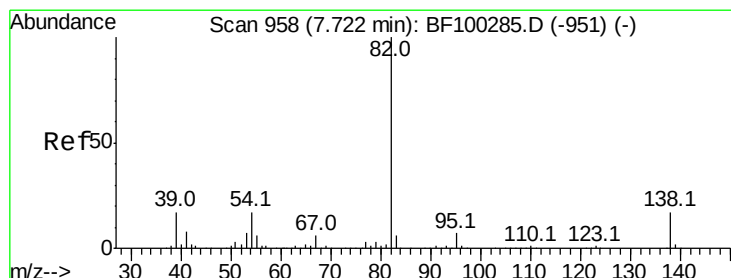
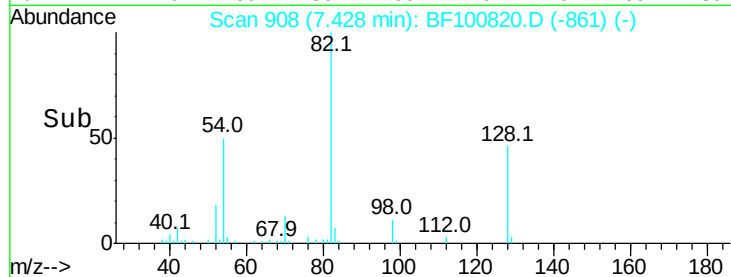
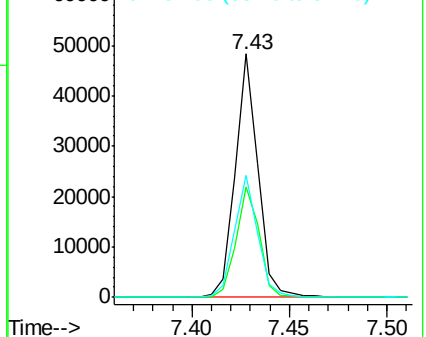
54 50.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.882 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

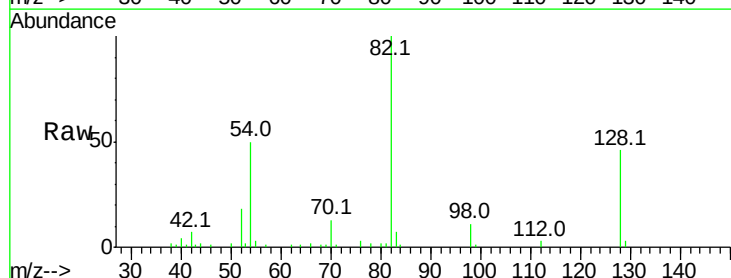
Tgt Ion: 82 Resp: 38932

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

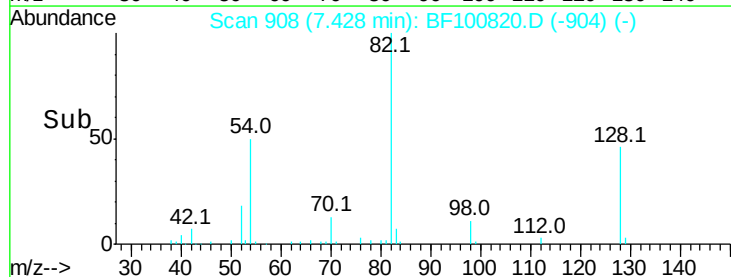
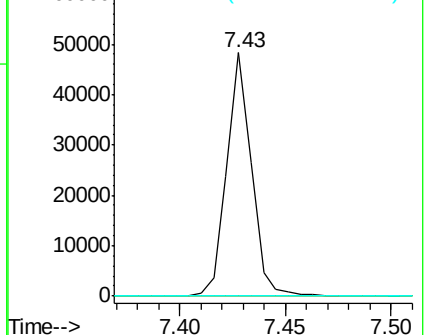
138 0.0 14.9 22.3#

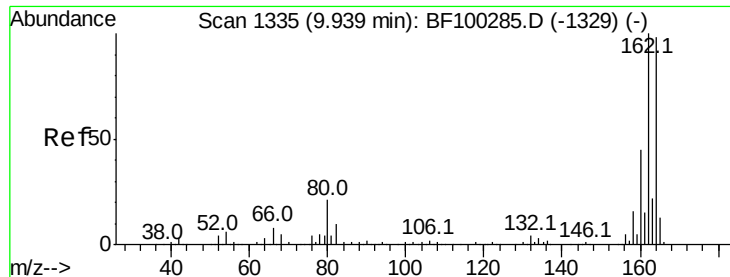


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

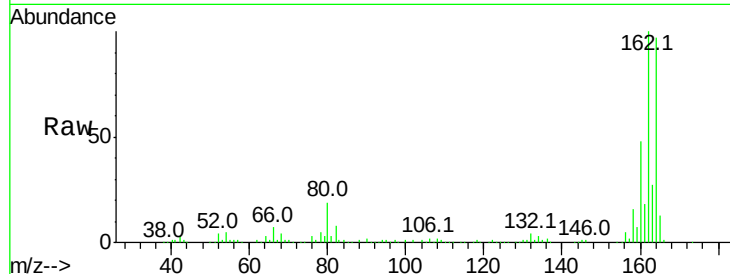




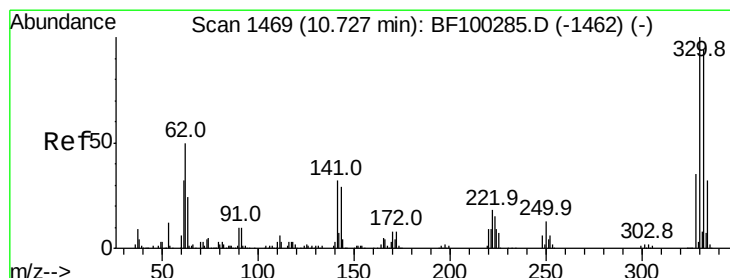
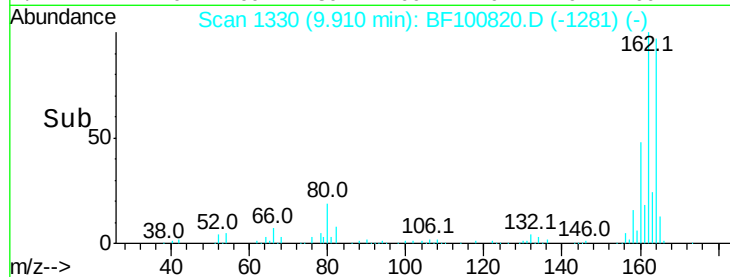
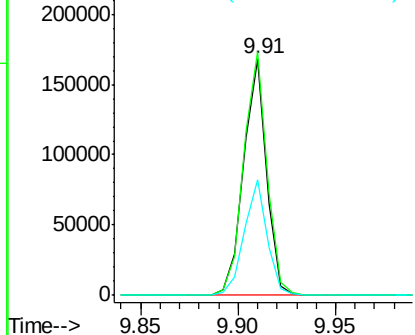
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136862
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 48.9 38.3 57.5

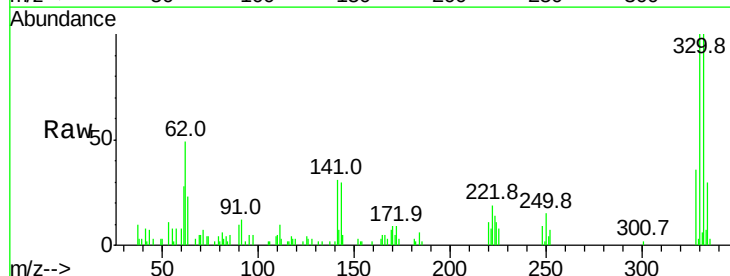


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

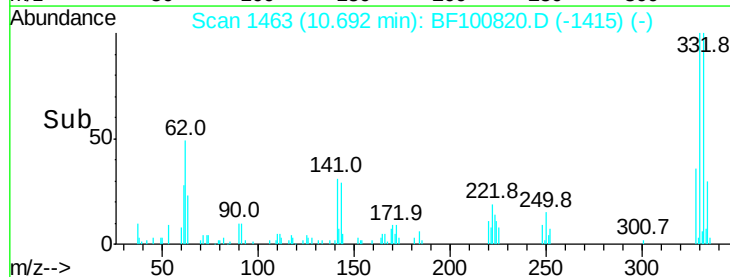
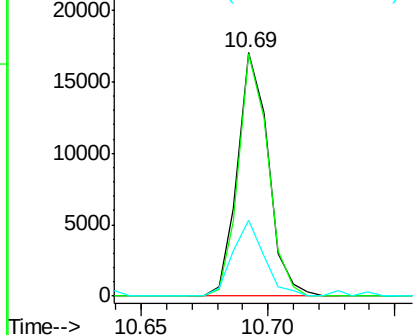


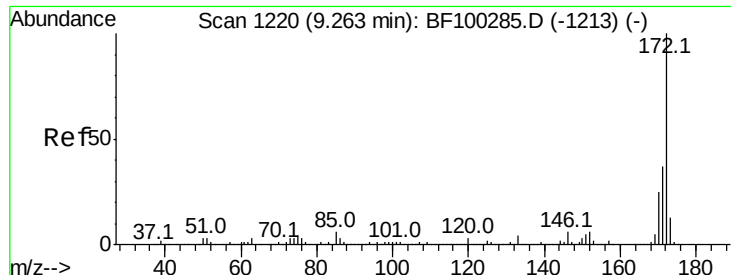
#41
2,4,6-Tribromophenol
Concen: 10.327 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:330 Resp: 14402
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 31.8 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

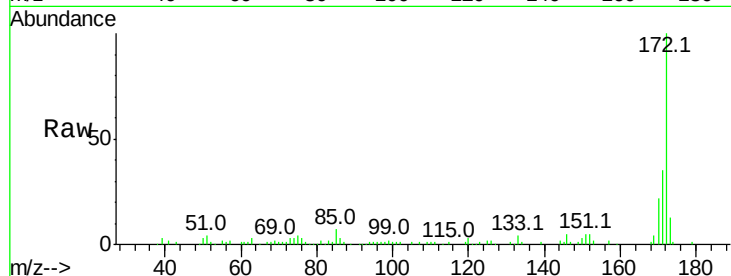




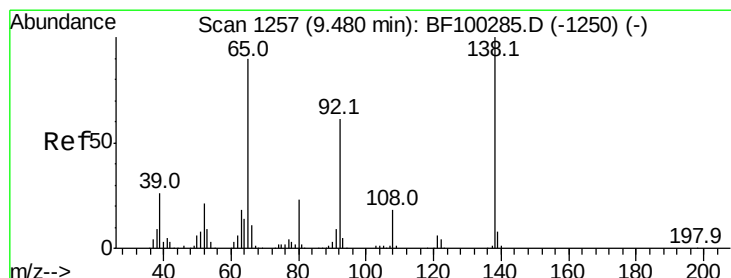
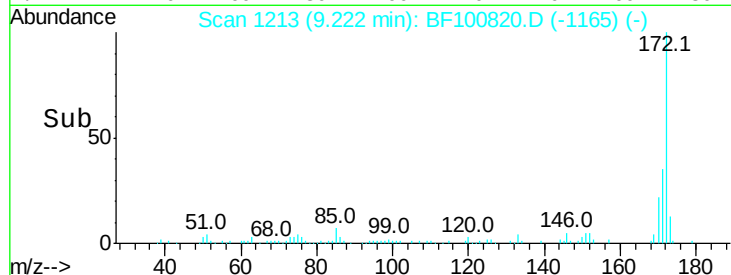
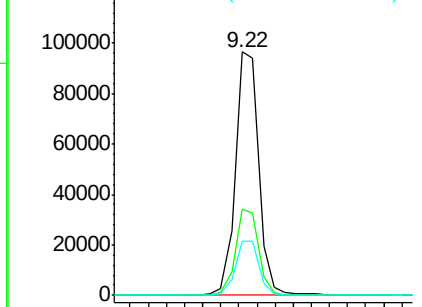
#44
2-Fluorobiphenyl
Concen: 9.648 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 86717
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 22.2 19.6 29.4

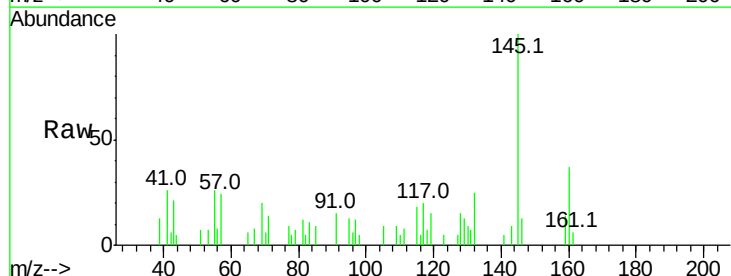


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

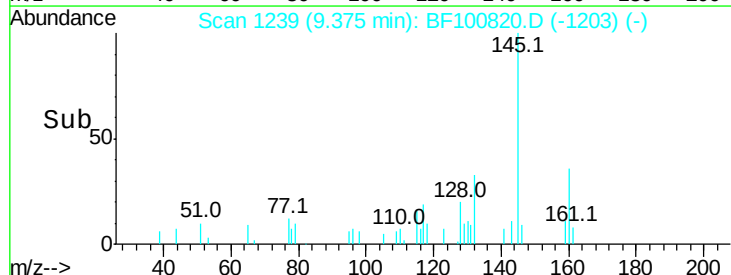
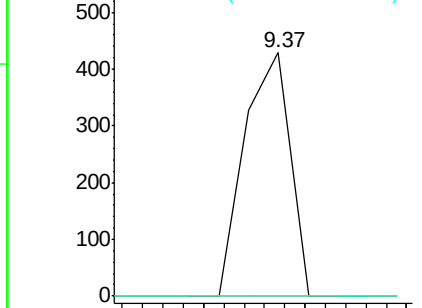


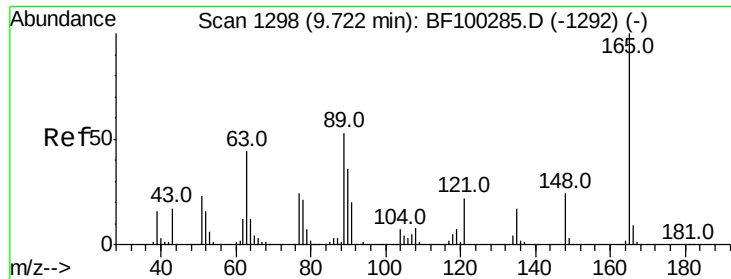
#47
2-Nitroaniline
Concen: 2.883 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.09 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion: 65 Resp: 267
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

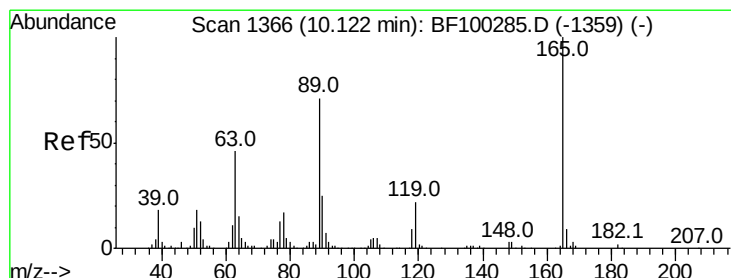
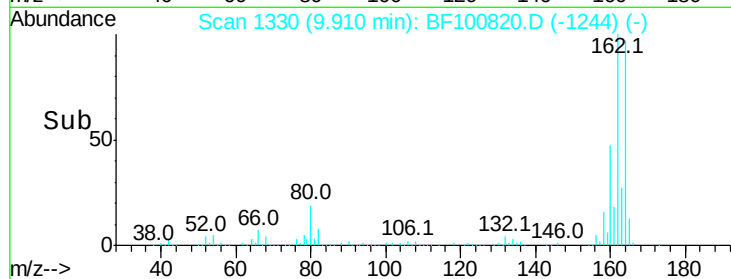
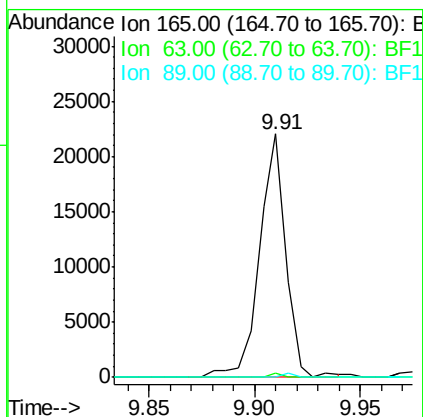
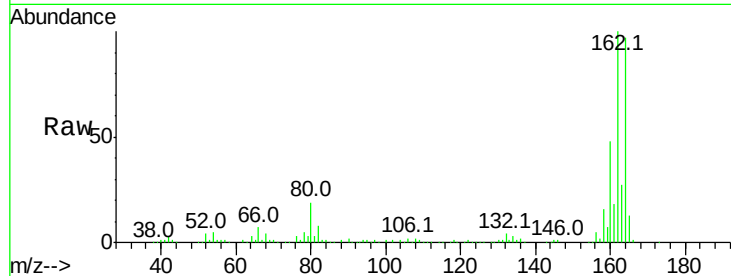




#50
 2,6-Dinitrotoluene
 Concen: 9.239 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF100820.D
 Acq: 22 Nov 2017 12:24

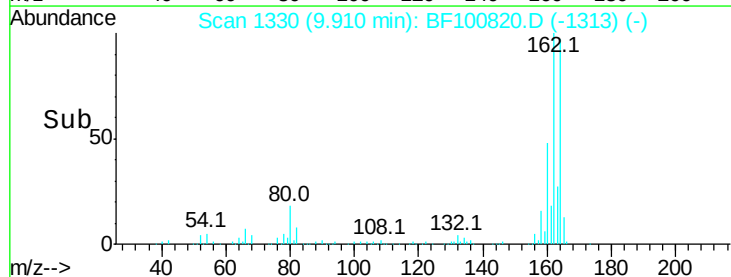
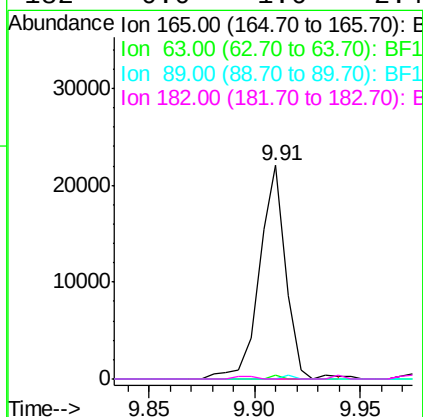
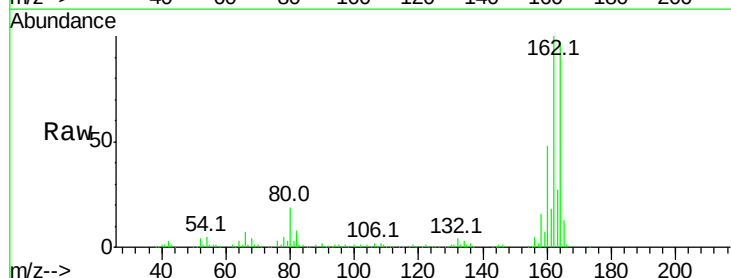
Instrument :
 BNA_F
 ClientSampleId :

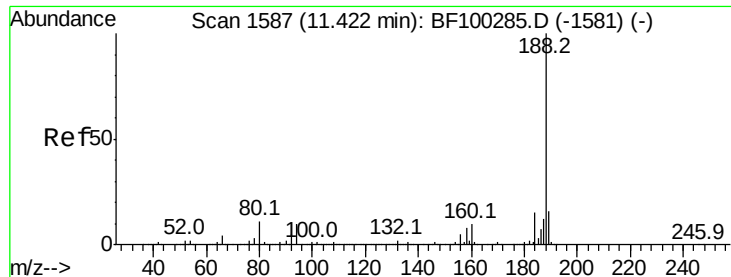
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.323 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100820.D
 Acq: 22 Nov 2017 12:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

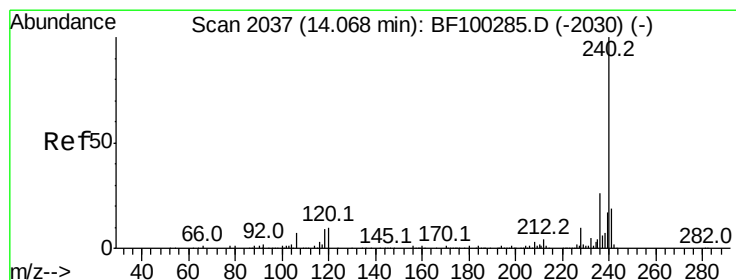
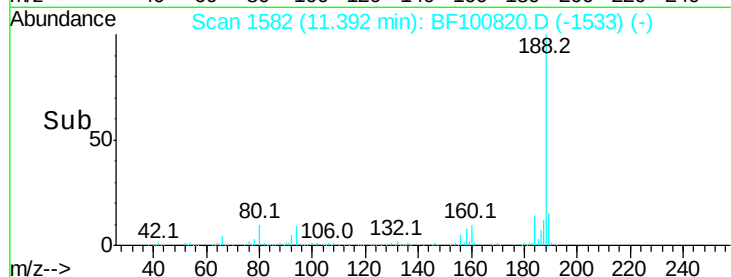
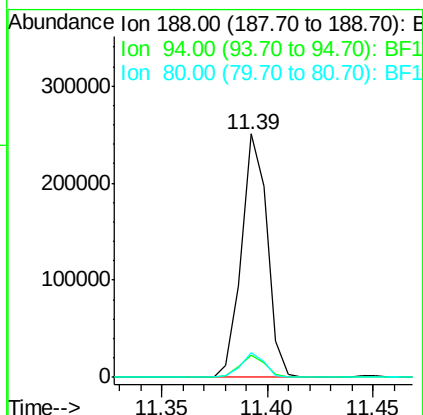
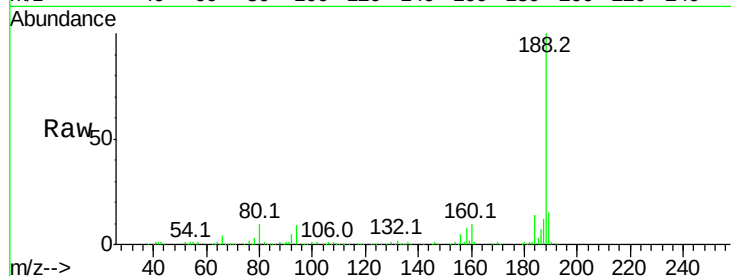




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

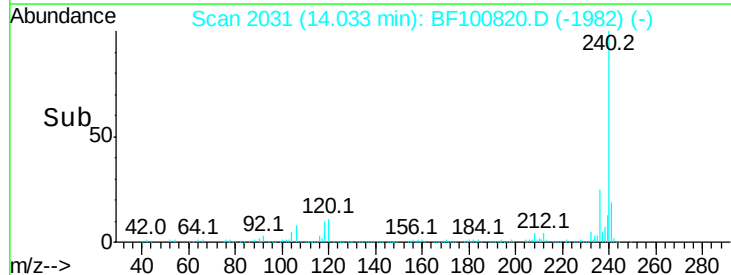
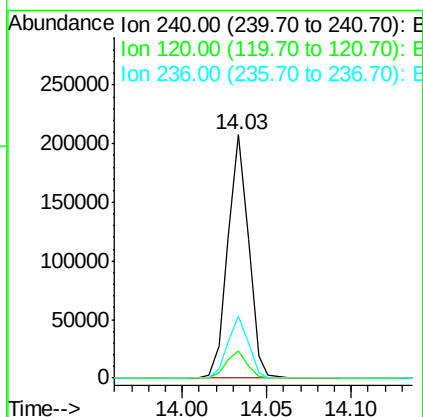
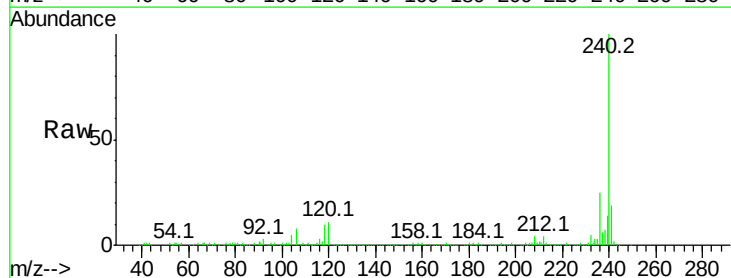
Instrument :
BNA_F
ClientSampleId :

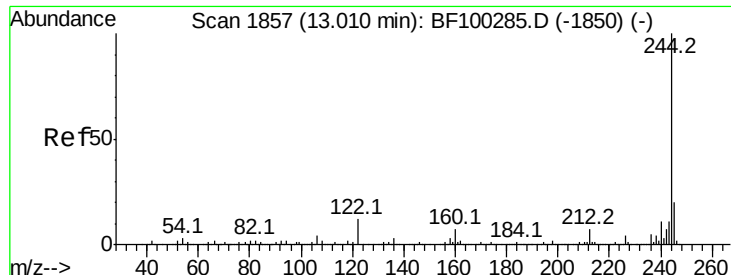
Tot Ion:188 Resp: 210674
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:240 Resp: 177042
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 7.529 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

Instrument :

BNA_F

ClientSampleId :

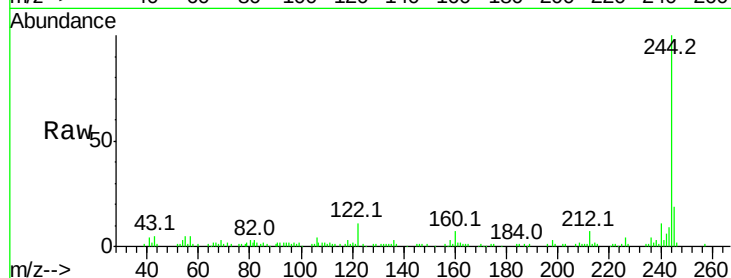
Tot Ion:244 Resp: 58009

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

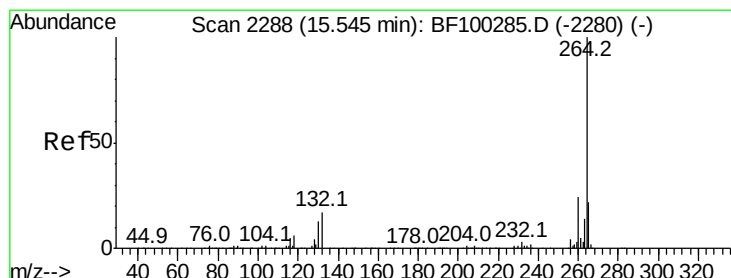
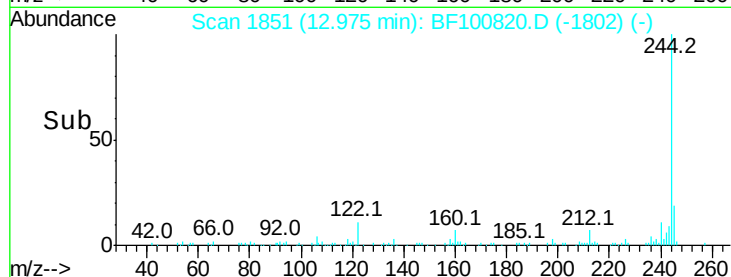
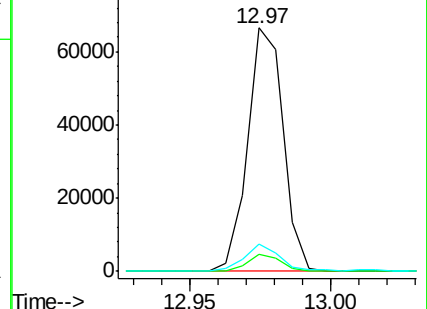
122 11.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100820.D

Acq: 22 Nov 2017 12:24

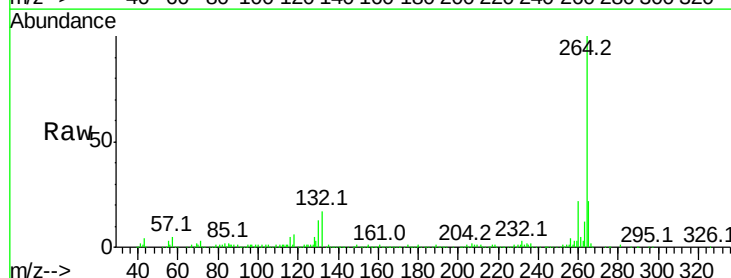
Tgt Ion:264 Resp: 188748

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.8 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

