

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100819.D
 Acq On : 22 Nov 2017 11:57
 Operator : SJ/JU
 Sample : I6538-01 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:25:25 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

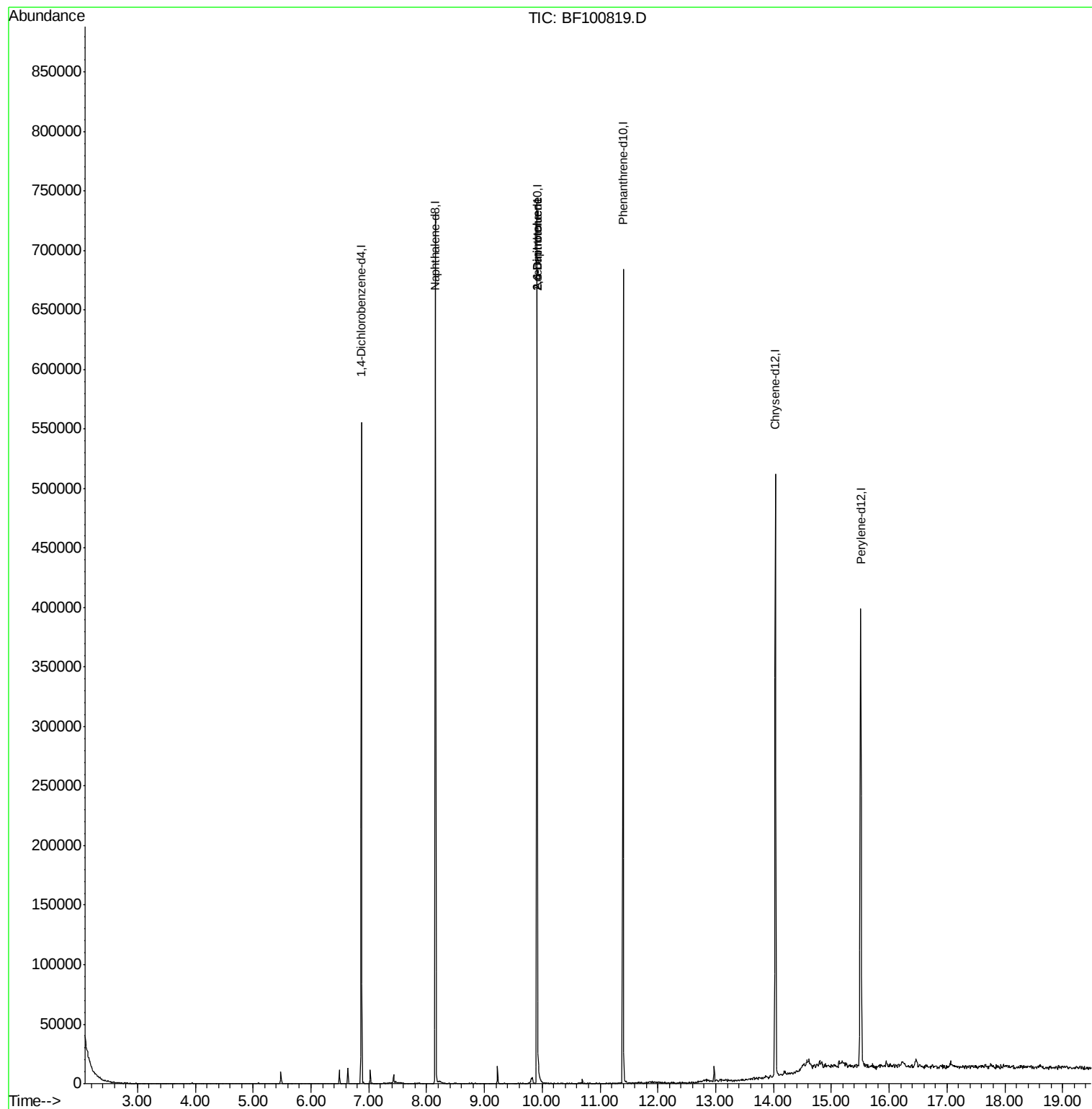
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84723	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	323919	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	149808	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	266340	20.00	ng	0.00
75) Chrysene-d12	14.03	240	168471	20.00	ng	-0.01
86) Perylene-d12	15.51	264	200882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	3670	0.69	ng	-0.01
7) Phenol-d6	6.49	99	4605	0.71	ng	-0.02
23) Nitrobenzene-d5	7.43	82	2796	0.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	858	0.56	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	7155	0.73	ng	-0.01
78) Terphenyl-d14	12.97	244	5942	0.81	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.91	165	18131	8.008	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	18131	6.348	ng	# 23

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

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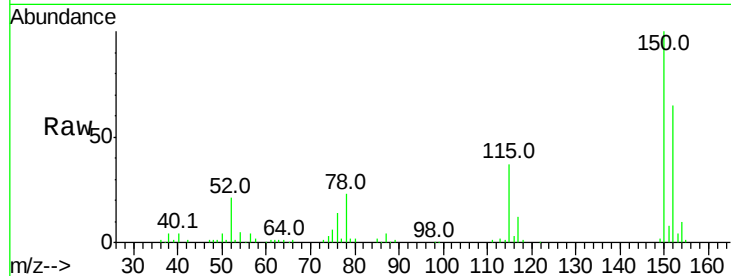


#1

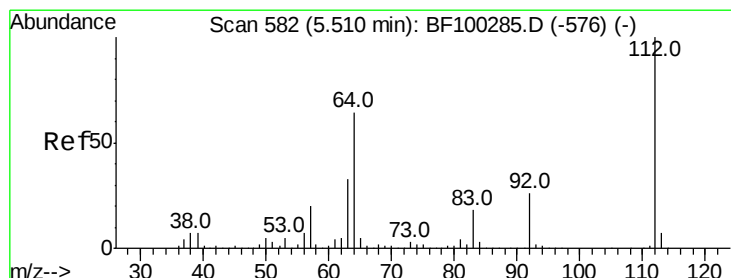
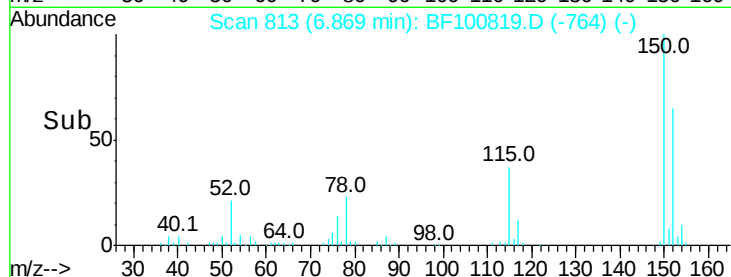
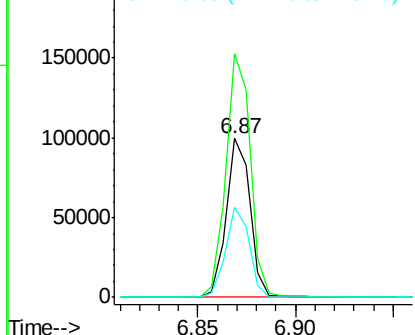
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84723
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.0 50.1 75.1



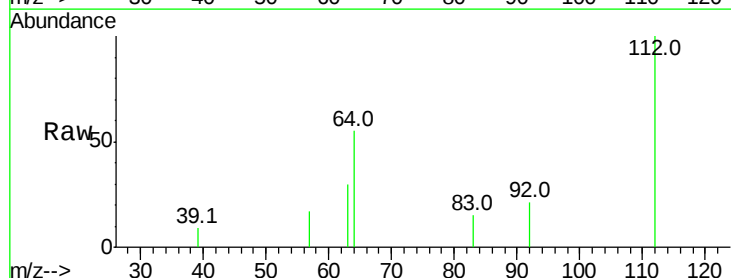
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



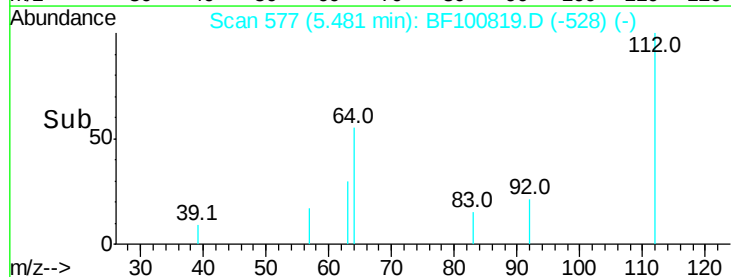
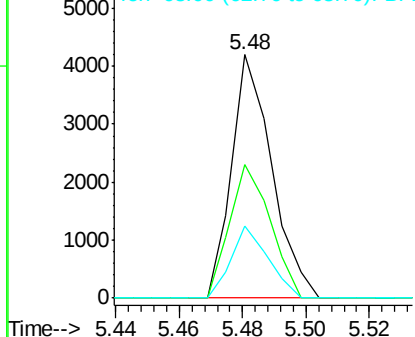
#5

2-Fluorophenol
Concen: 0.694 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

Tgt Ion:112 Resp: 3670
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 29.8 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: 0.707 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

Instrument :

BNA_F

ClientSampleId :

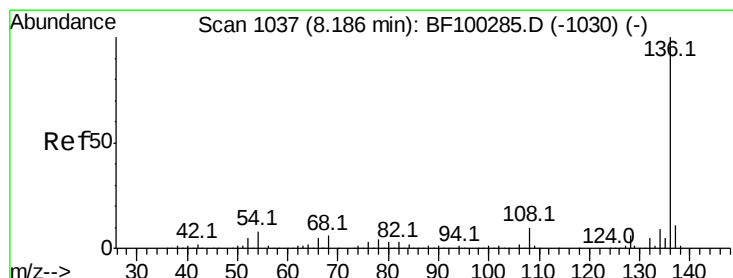
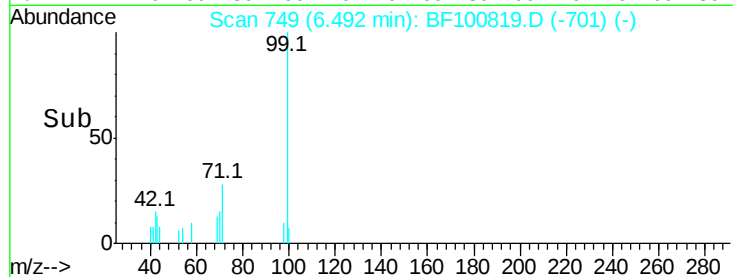
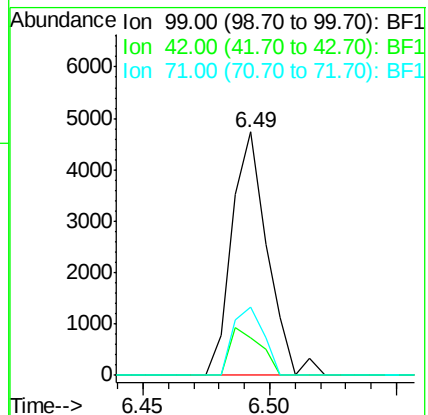
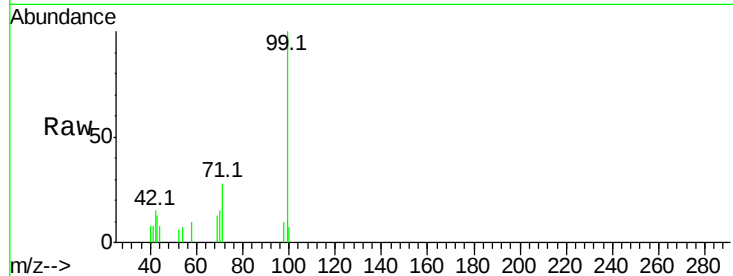
Tot Ion: 99 Resp: 4605

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 27.8 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: BF100819.D

Acq: 22 Nov 2017 11:57

Tgt Ion: 136 Resp: 323919

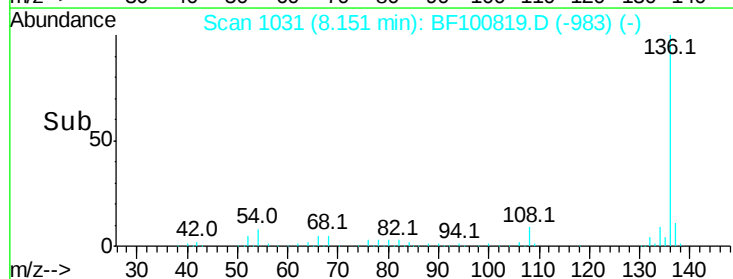
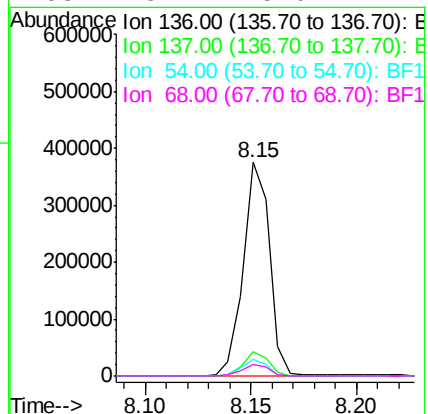
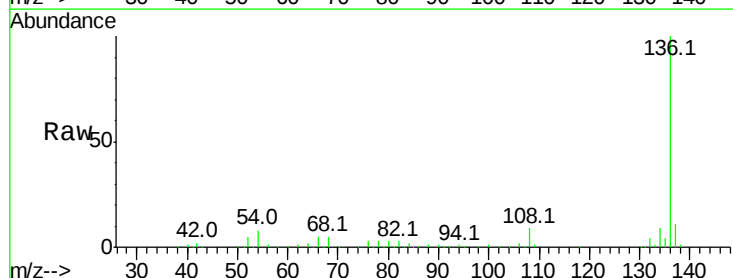
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 6.6 9.8

68 5.4 5.0 7.4

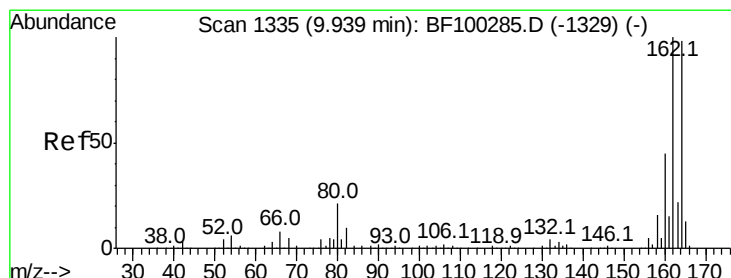
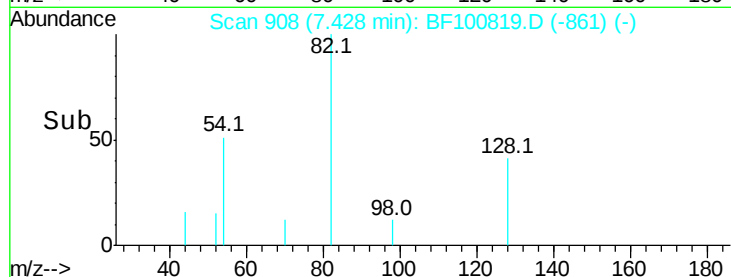
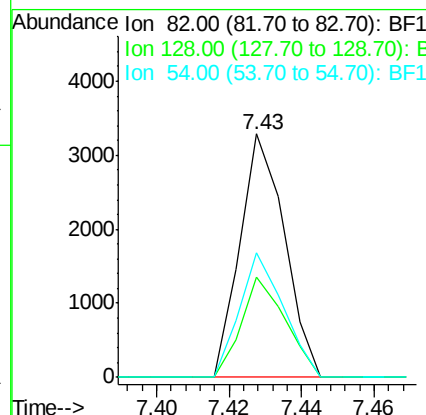
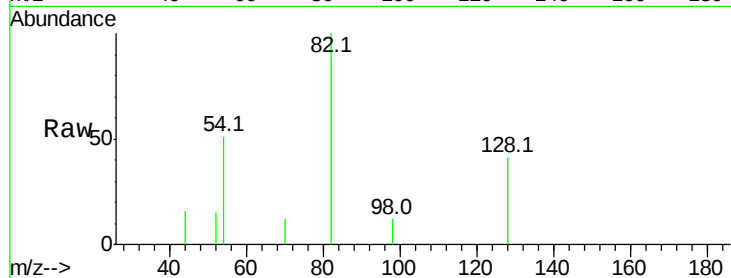




#23
 Nitrobenzene-d5
 Concen: 0.571 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

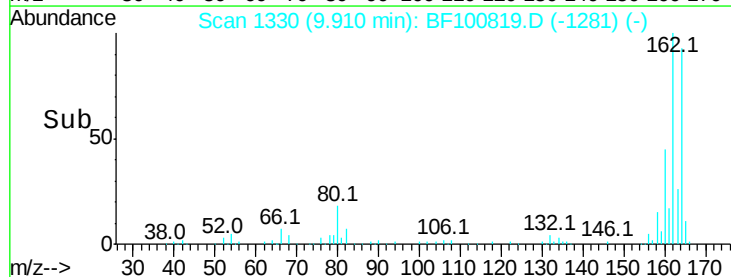
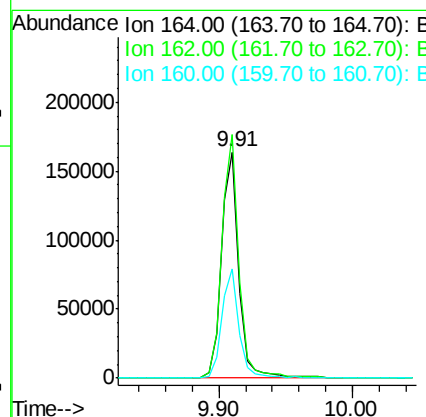
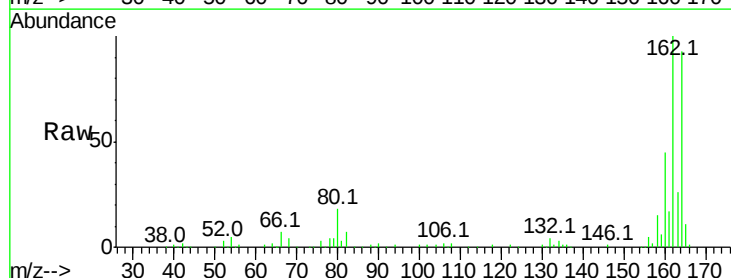
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2796
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 51.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion: 164 Resp: 149808
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 48.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.562 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

Instrument :

BNA_F

ClientSampleId :

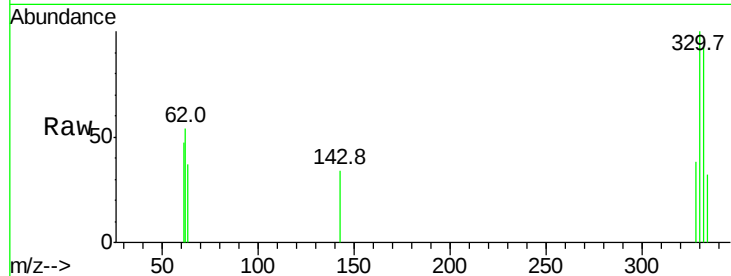
Tot Ion:330 Resp: 858

Ion Ratio Lower Upper

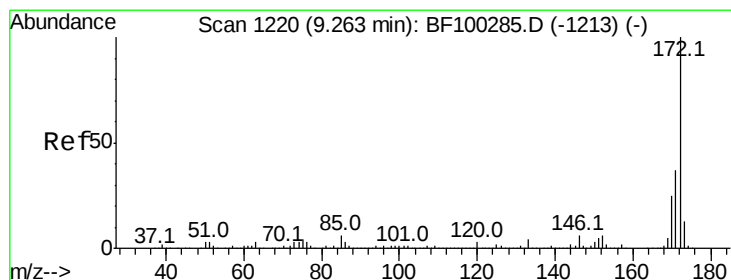
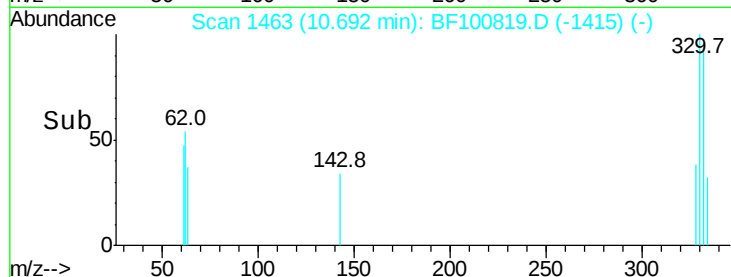
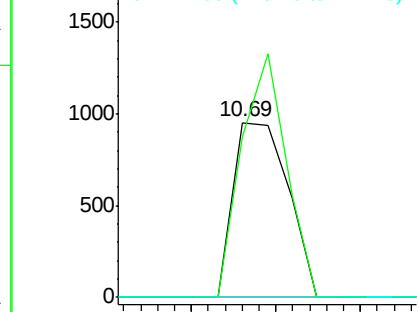
330 100

332 113.4 77.0 115.6

141 0.0 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: 0.727 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

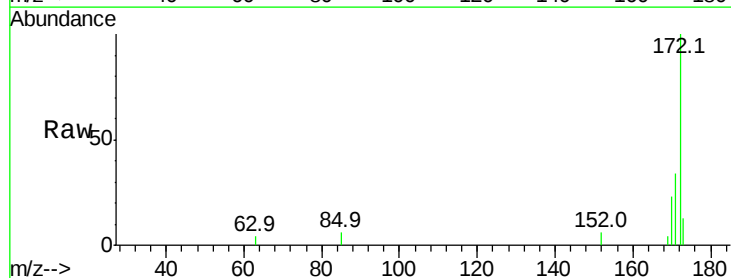
Tgt Ion:172 Resp: 7155

Ion Ratio Lower Upper

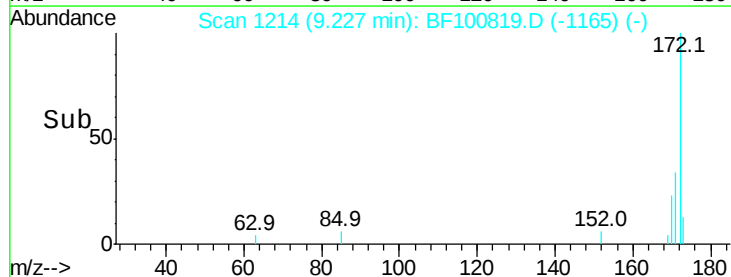
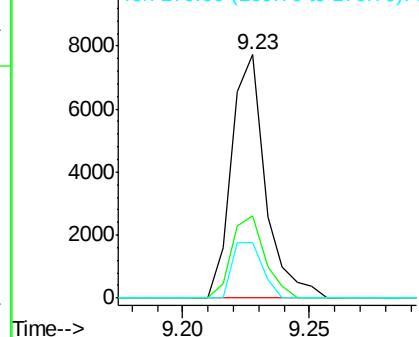
172 100

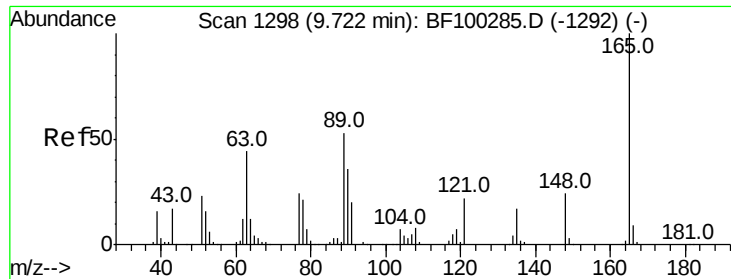
171 34.0 29.7 44.5

170 22.8 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

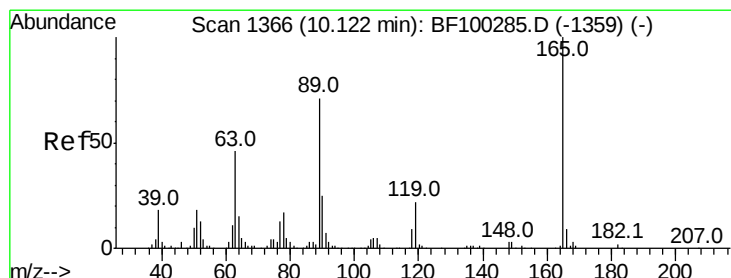
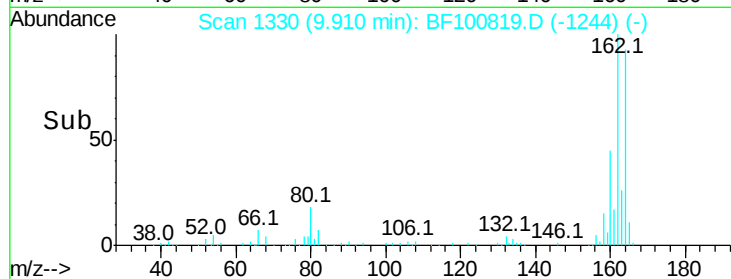
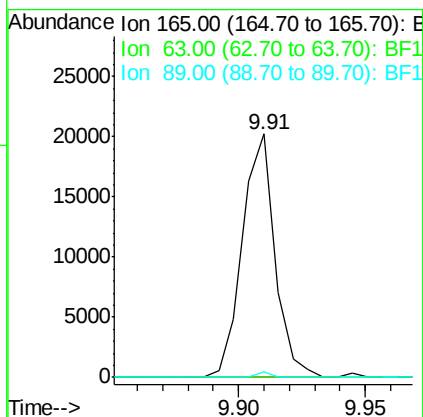
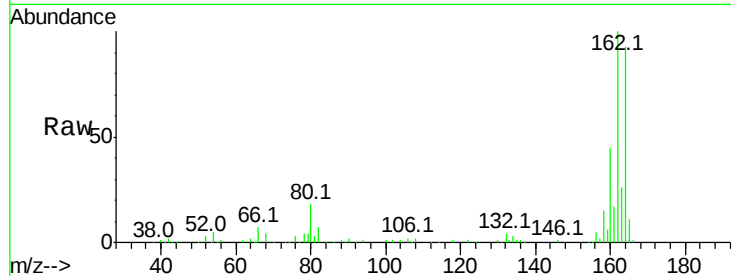




#50
 2,6-Dinitrotoluene
 Concen: 8.008 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

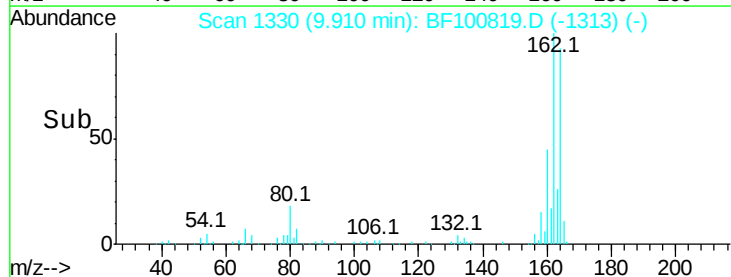
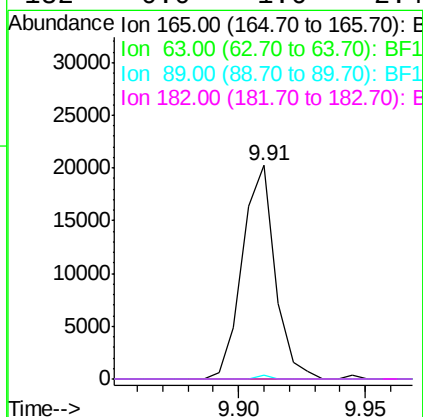
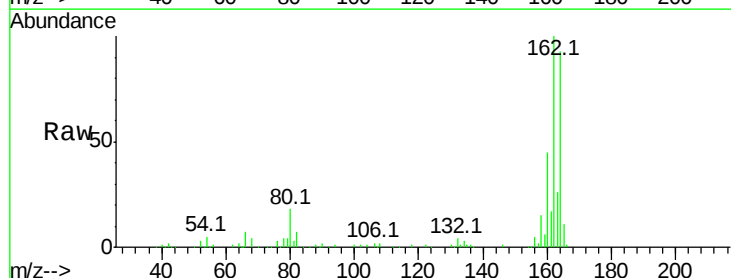
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.348 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

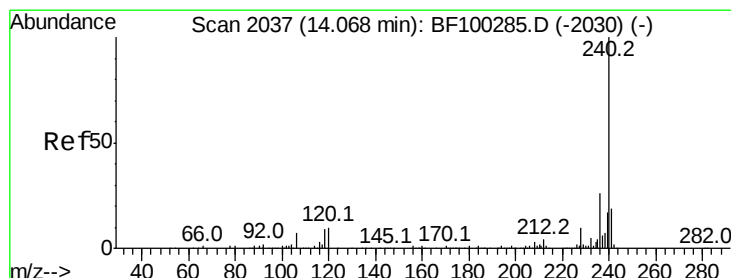
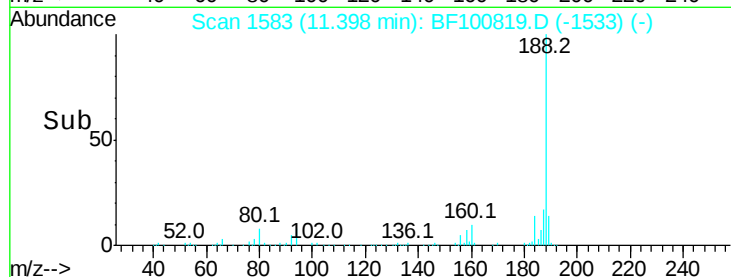
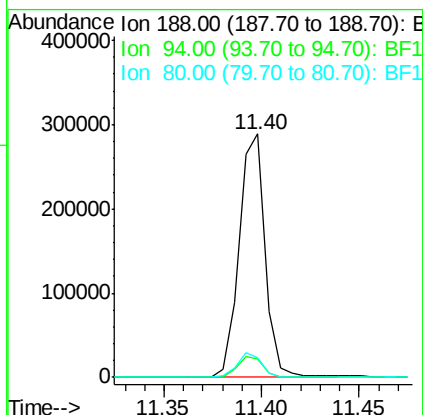
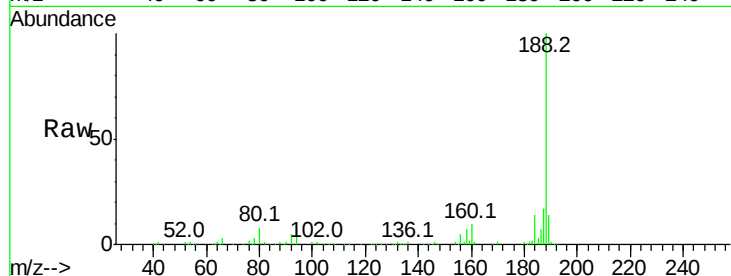




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

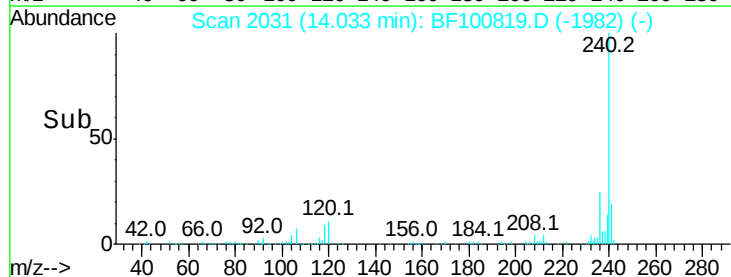
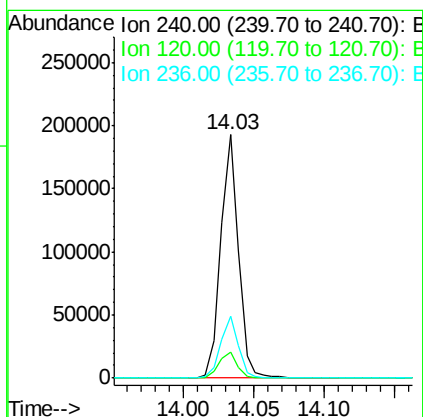
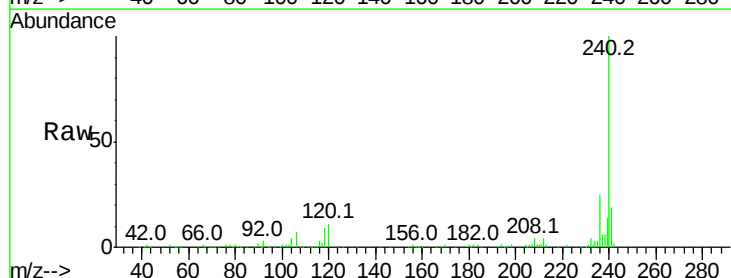
Instrument :
BNA_F
ClientSampleId :

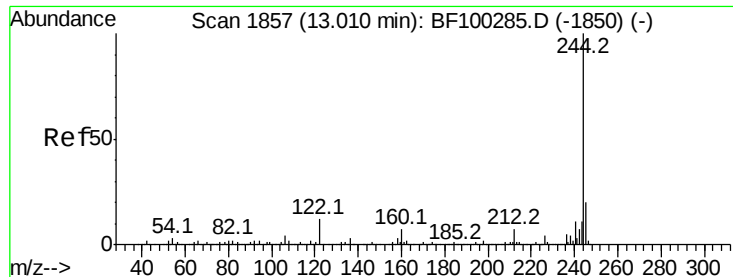
Tot Ion:188 Resp: 266340
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

Tgt Ion:240 Resp: 168471
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 0.810 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

Instrument :

BNA_F

ClientSampleId :

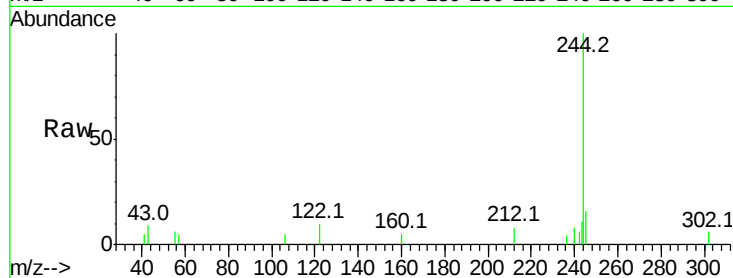
Tot Ion:244 Resp: 5942

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

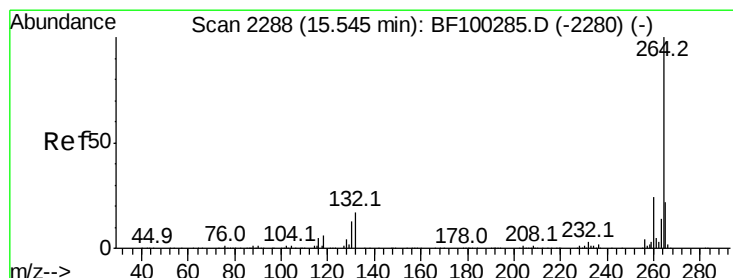
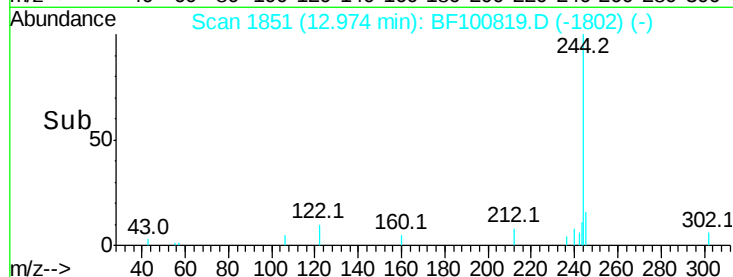
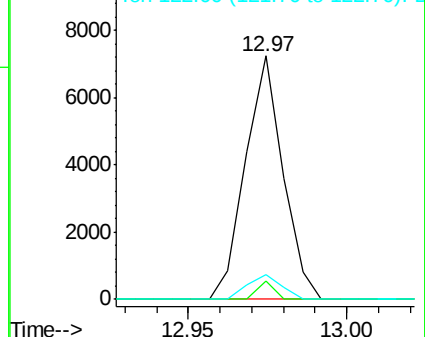
122 10.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

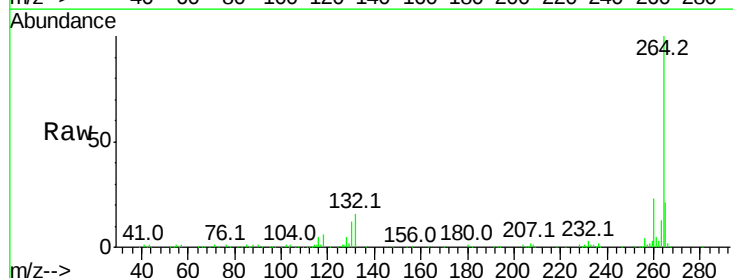
Tgt Ion:264 Resp: 200882

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 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

