

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100823.D
 Acq On : 22 Nov 2017 13:45
 Operator : SJ/JU
 Sample : I6310-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:27:12 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

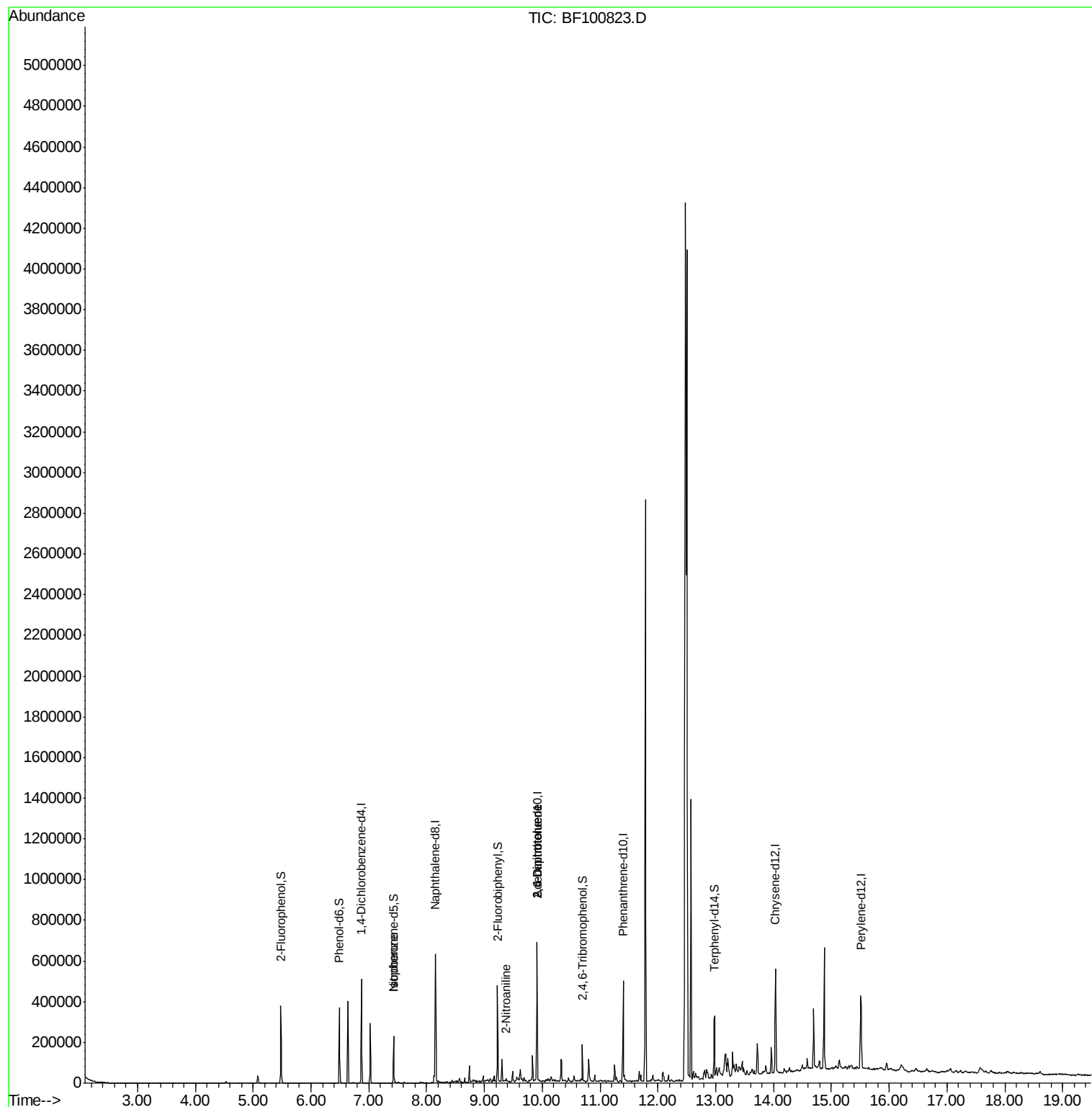
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	81137	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	302027	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	121289	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	184186	20.00	ng	0.00
75) Chrysene-d12	14.03	240	174538	20.00	ng	-0.01
86) Perylene-d12	15.51	264	156207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	97941	19.35	ng	-0.01
7) Phenol-d6	6.49	99	119930	19.21	ng	-0.02
23) Nitrobenzene-d5	7.43	82	67420	14.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	22459	18.17	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	140228	17.60	ng	-0.01
78) Terphenyl-d14	12.98	244	94663	12.46	ng	0.00
Target Compounds						
25) Isophorone	7.43	82	67419	7.023	ng	# 64
47) 2-Nitroaniline	9.37	65	126	2.837	ng	# 2
50) 2,6-Dinitrotoluene	9.91	165	16220	8.849	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	16220	7.014	ng	# 24

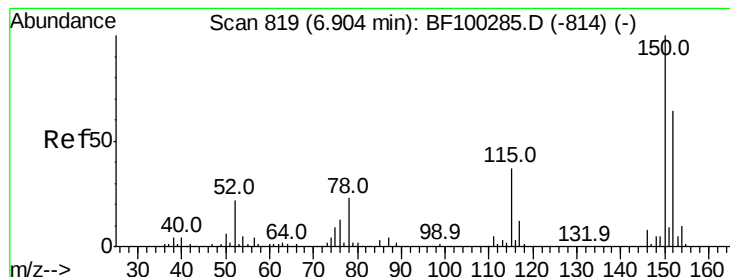
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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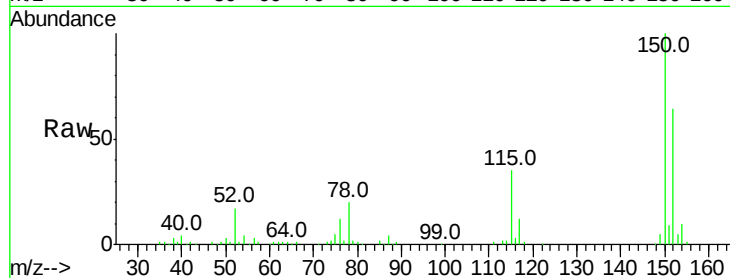


#1

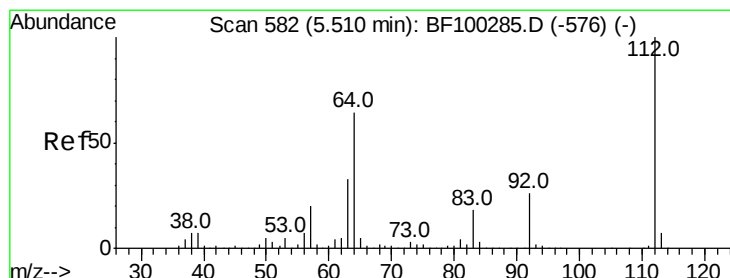
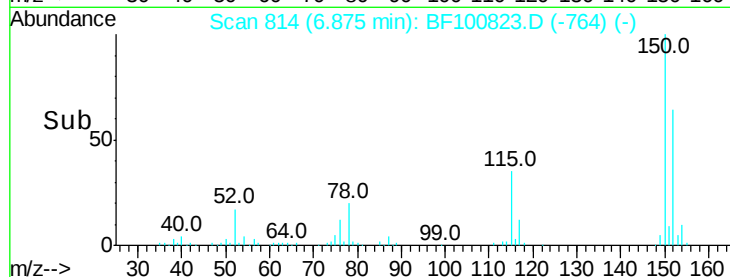
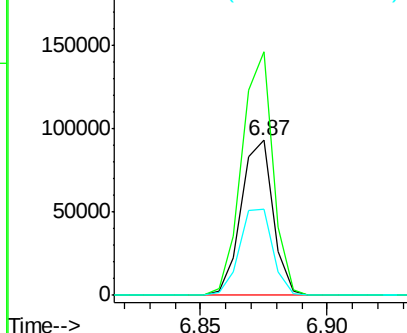
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81137
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 55.5 50.1 75.1



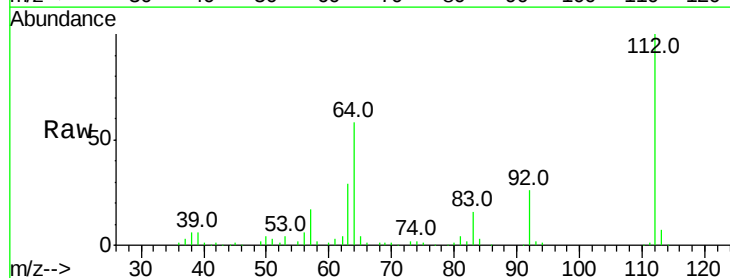
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



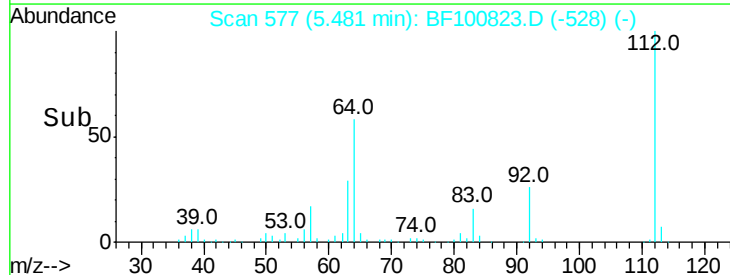
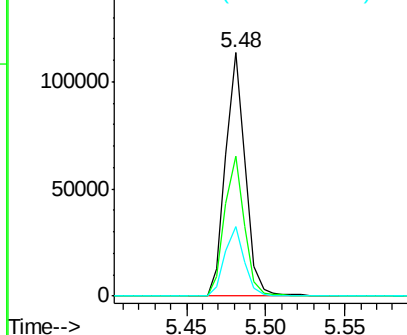
#5

2-Fluorophenol
Concen: 19.350 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Tgt Ion:112 Resp: 97941
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.6 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: 19.215 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100823.D

Acq: 22 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

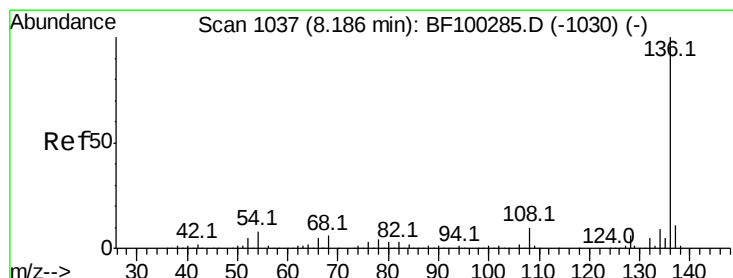
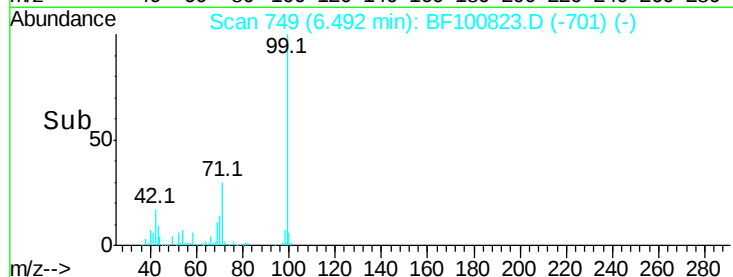
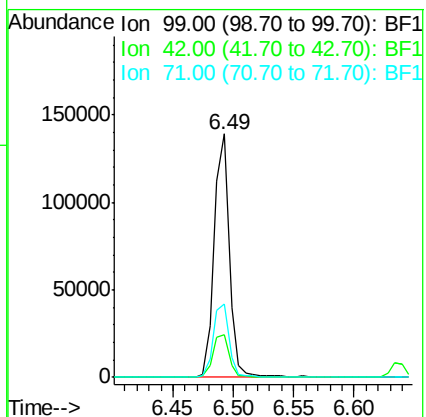
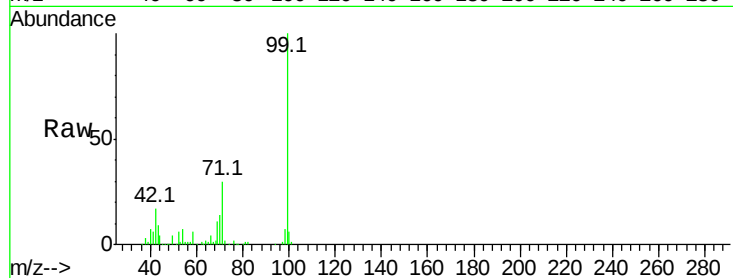
Tot Ion: 99 Resp: 119930

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 30.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF100823.D

Acq: 22 Nov 2017 13:45

Tgt Ion: 136 Resp: 302027

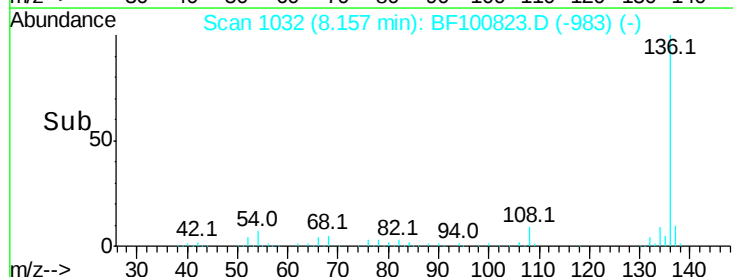
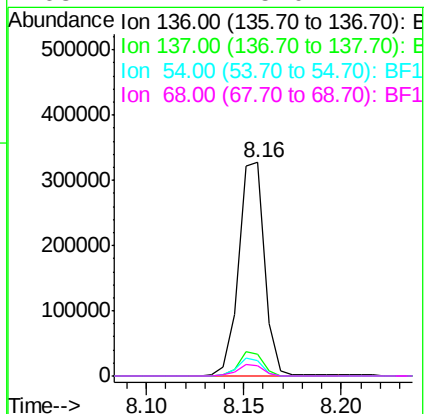
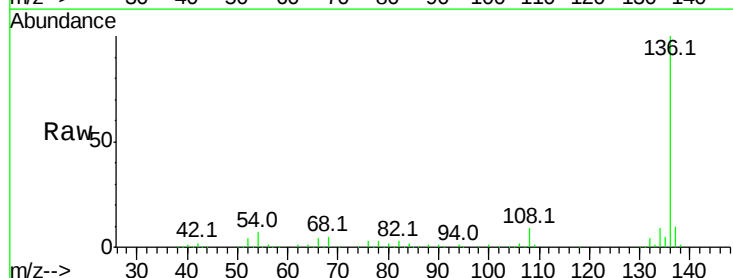
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.3 6.6 9.8

68 4.7 5.0 7.4#

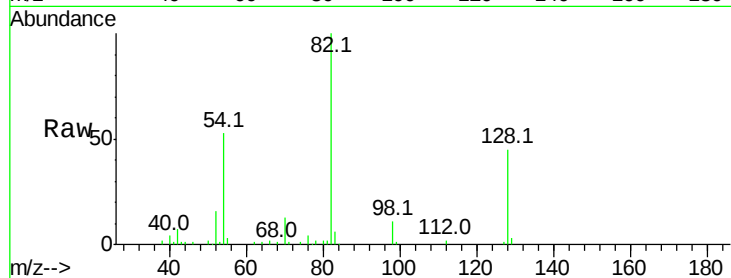




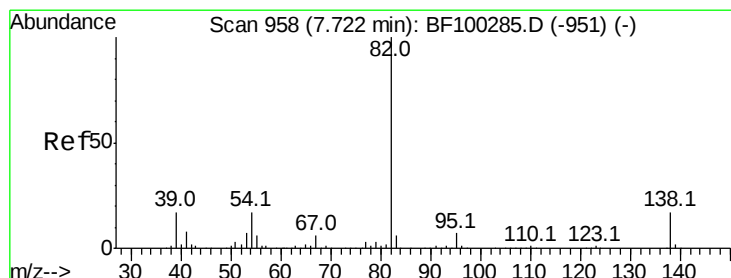
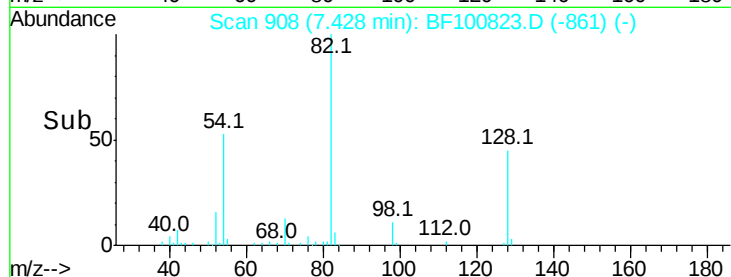
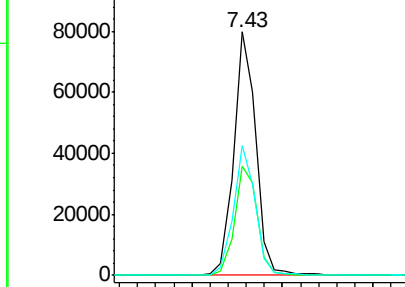
#23
 Nitrobenzene-d5
 Concen: 14.758 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	67420
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	53.0	41.4	62.2

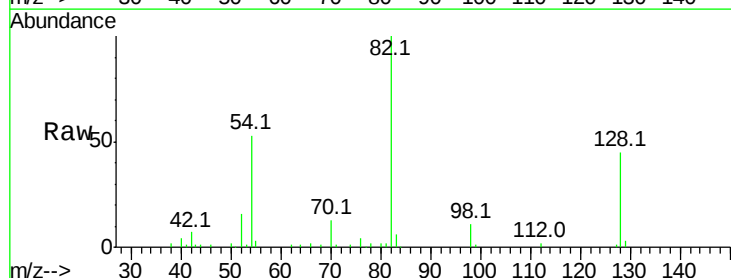


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

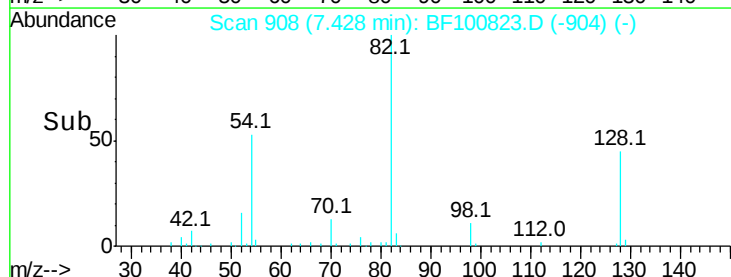
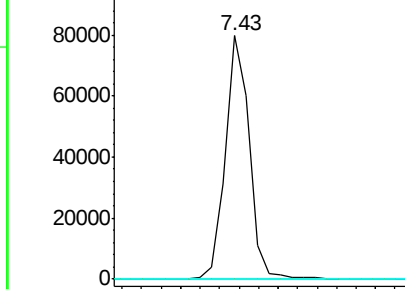


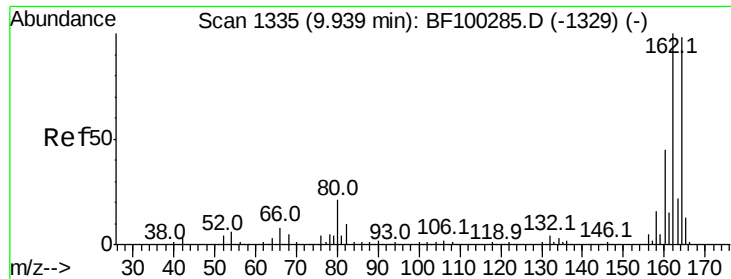
#25
 Isophorone
 Concen: 7.023 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.28 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Tgt Ion	82	Resp	67419
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

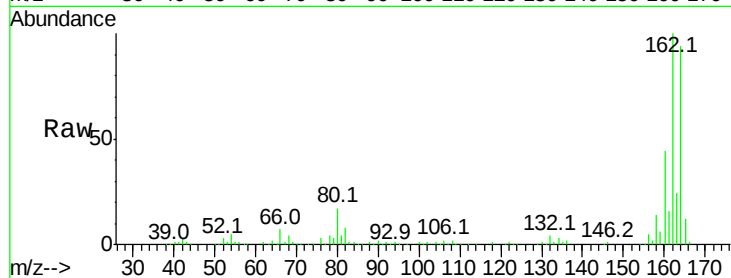




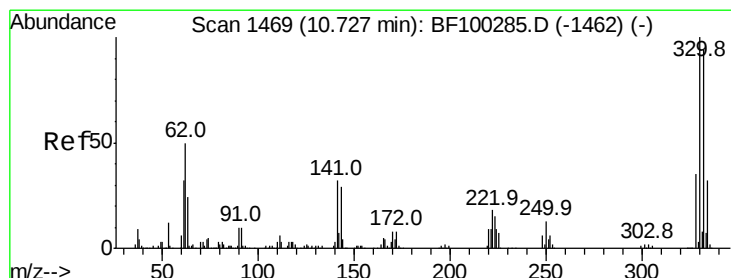
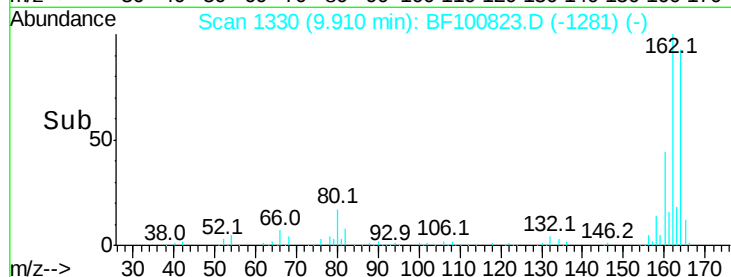
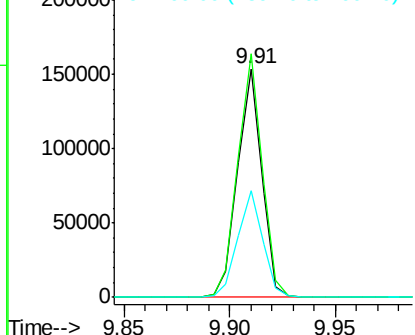
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 121289
Ion Ratio Lower Upper
164 100
162 106.5 86.1 129.1
160 46.5 38.3 57.5

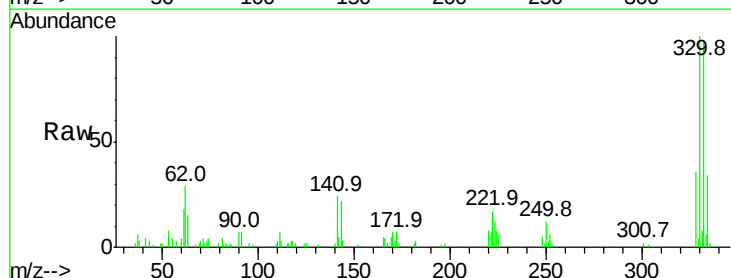


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

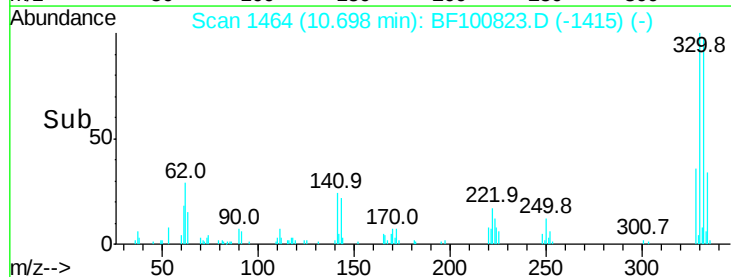
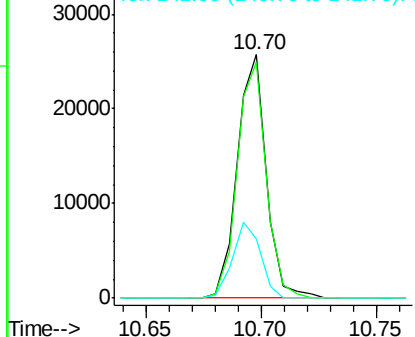


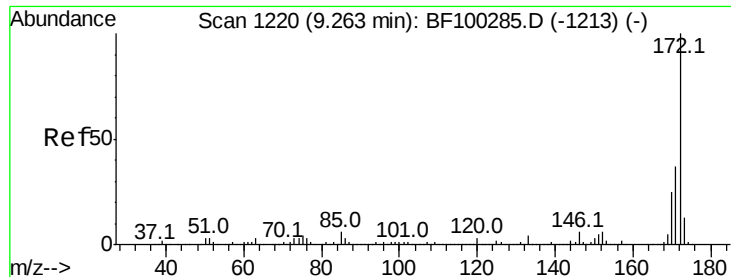
#41
2,4,6-Tribromophenol
Concen: 18.172 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Tgt Ion:330 Resp: 22459
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 29.9 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

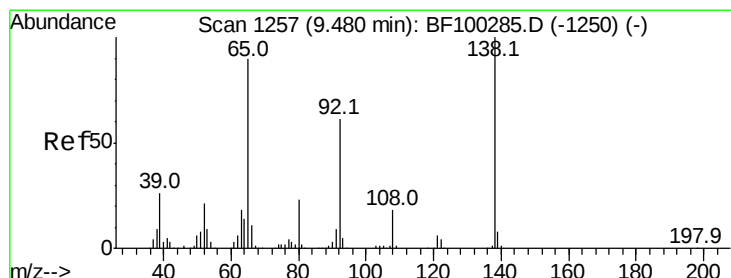
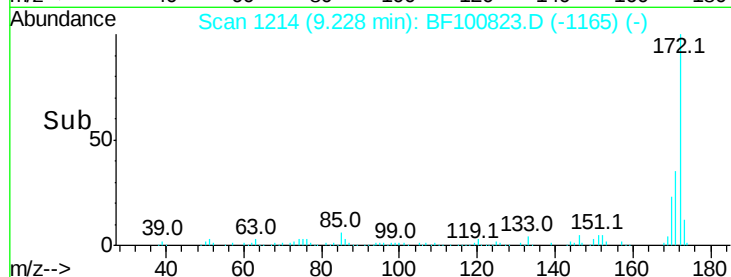
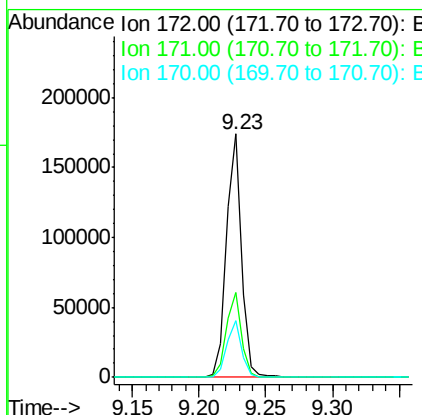
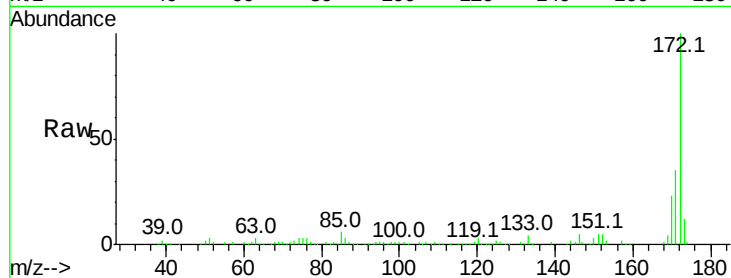




#44
 2-Fluorobiphenyl
 Concen: 17.605 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

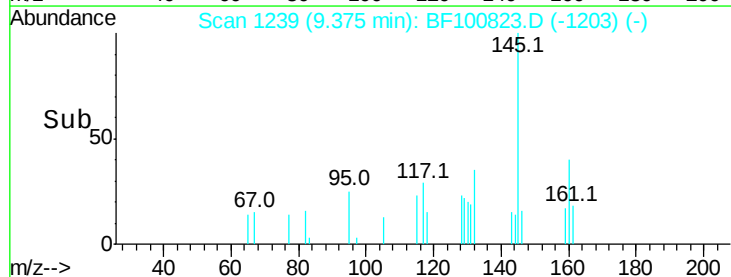
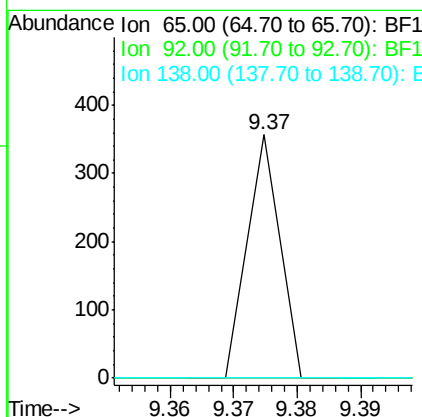
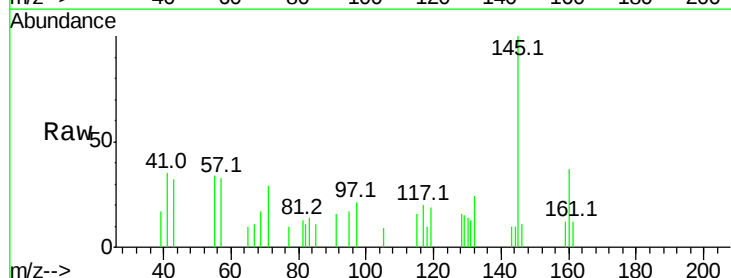
Instrument :
 BNA_F
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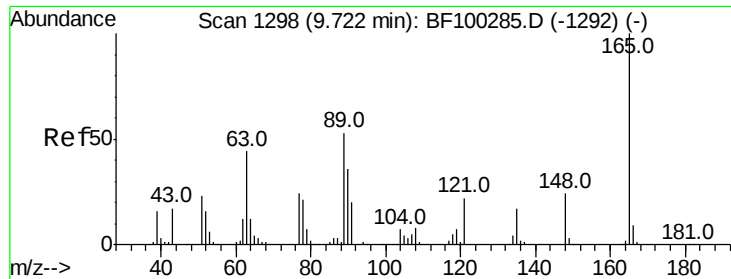
Tot Ion:172 Resp: 140228
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.4 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.837 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.09 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Tgt Ion: 65 Resp: 126
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#

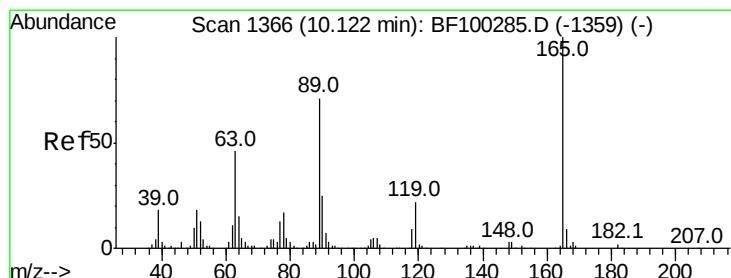
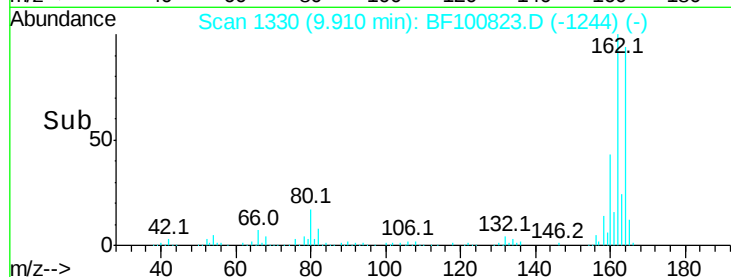
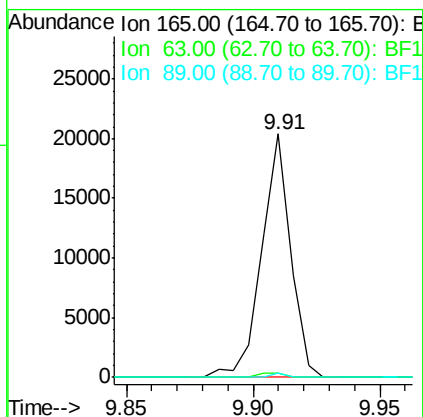
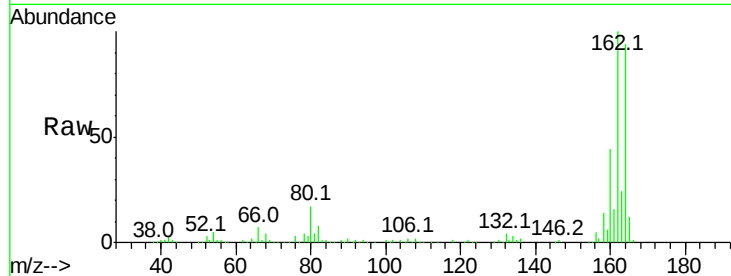




#50
 2,6-Dinitrotoluene
 Concen: 8.849 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

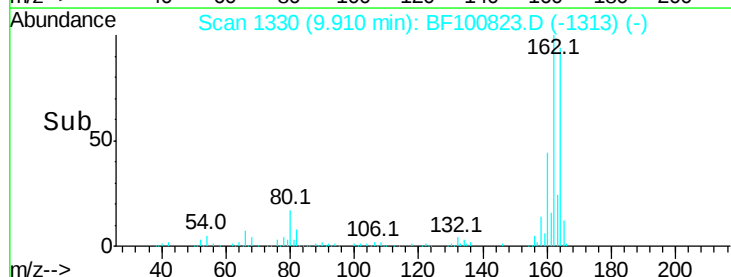
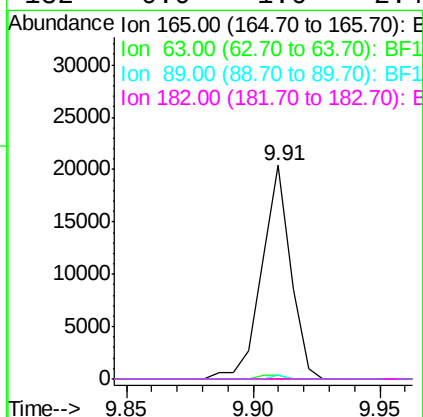
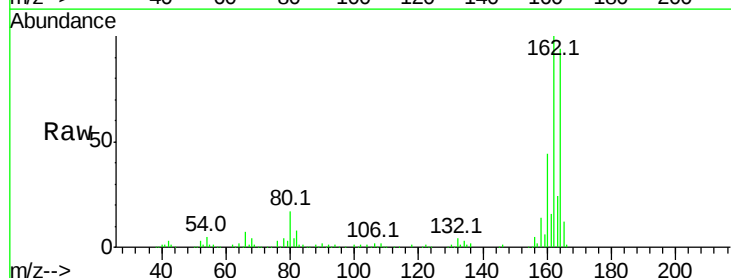
Instrument :
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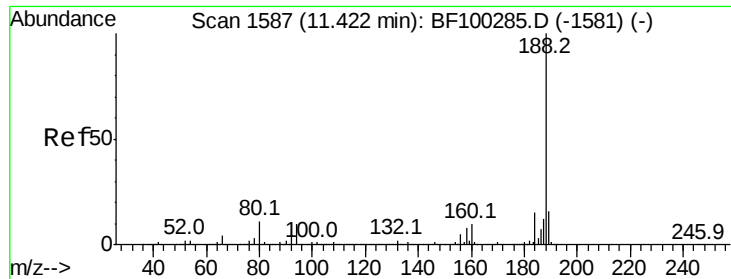
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.9	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.014 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

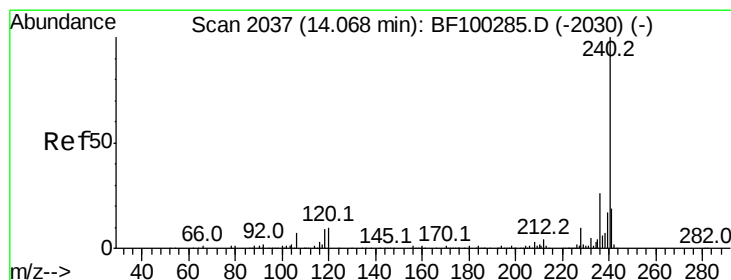
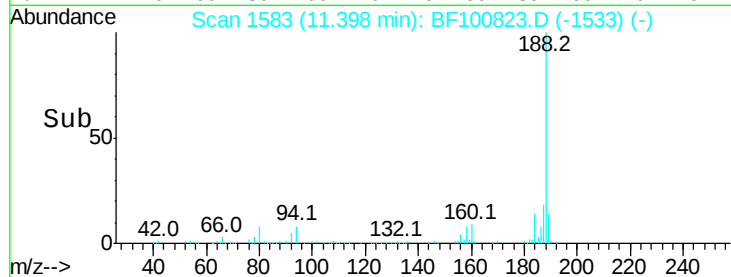
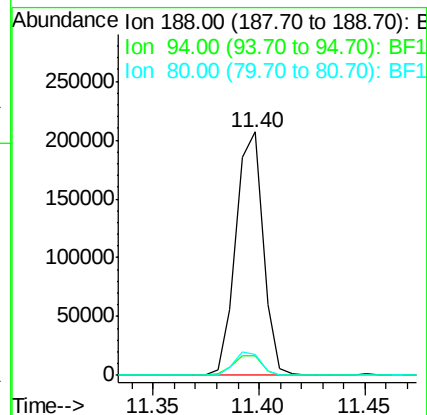
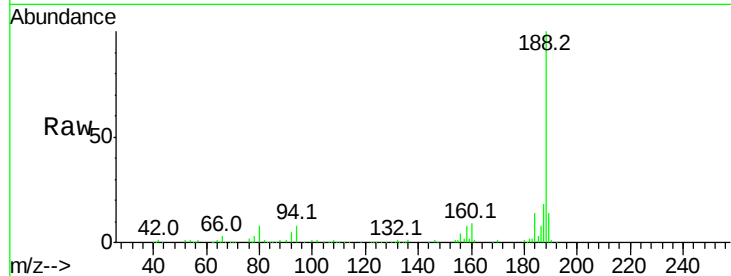




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

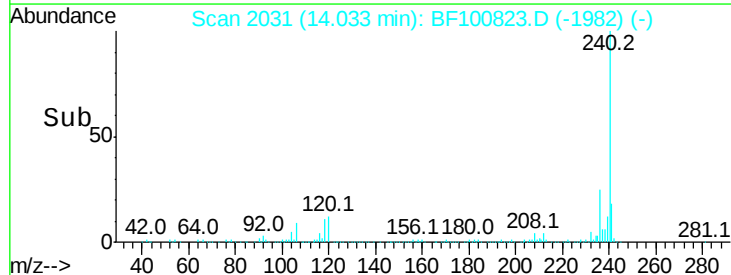
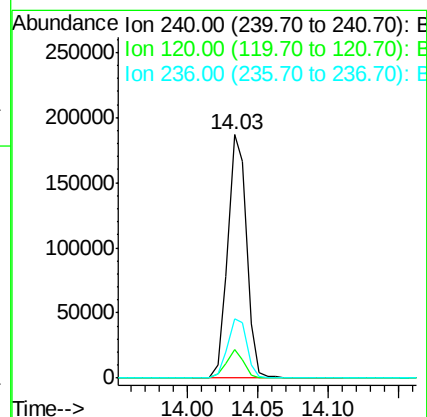
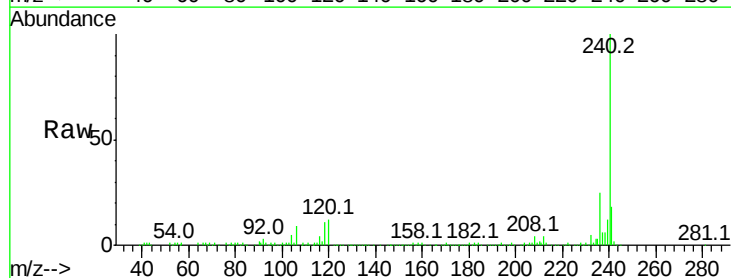
Instrument :
BNA_F
ClientSampleId :

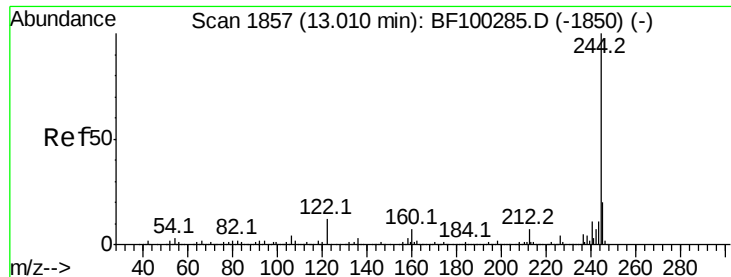
Tot Ion:188 Resp: 184186
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Tgt Ion:240 Resp: 174538
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 24.6 20.7 31.1





#78

Terphenyl-d14

Concen: 12.462 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100823.D

Acq: 22 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

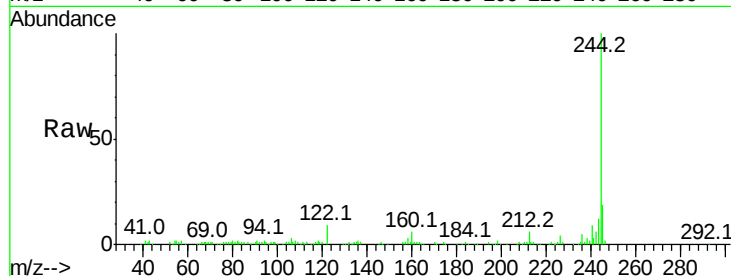
Tot Ion:244 Resp: 94663

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

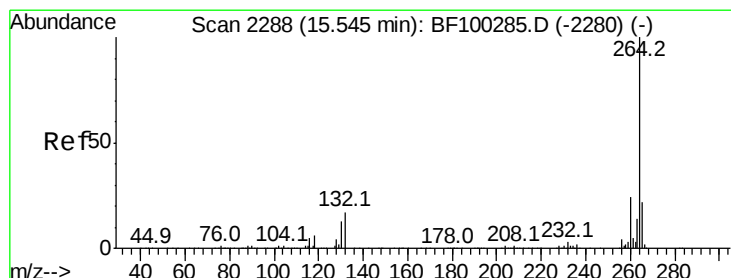
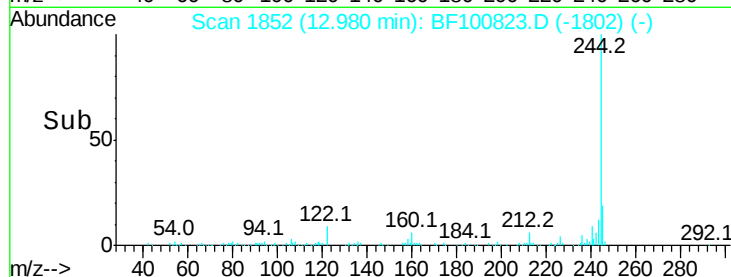
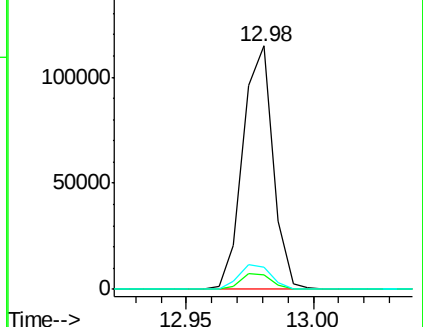
122 9.0 11.0 16.4#



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: BF100823.D

Acq: 22 Nov 2017 13:45

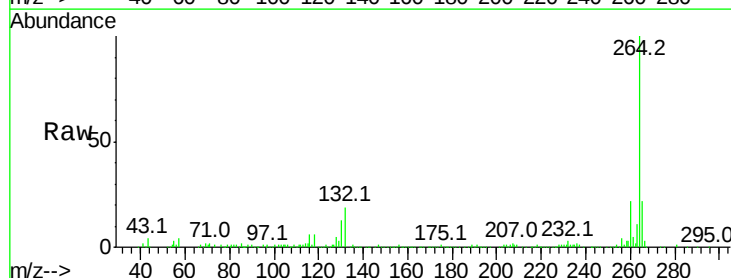
Tgt Ion:264 Resp: 156207

Ion Ratio Lower Upper

264 100

260 21.9 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

