

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100398.D
 Acq On : 10 Nov 2017 18:29
 Operator : SJ/JU
 Sample : I6364-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 21:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

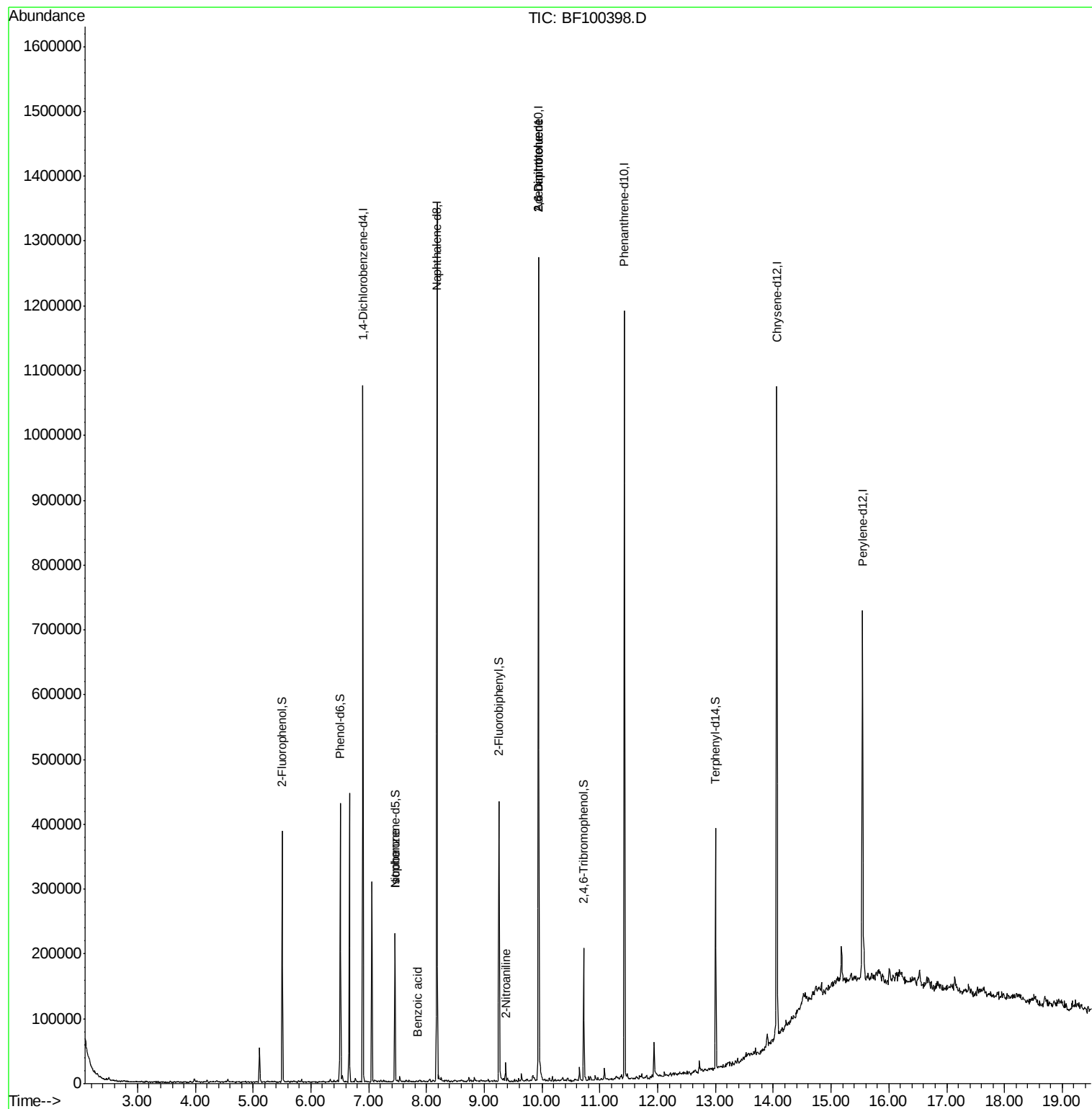
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152002	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	579462	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	256622	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	412834	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340693	20.00	ng	0.00
86) Perylene-d12	15.54	264	267722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	97208	10.25	ng	-0.01
7) Phenol-d6	6.51	99	115698	9.89	ng	-0.02
23) Nitrobenzene-d5	7.46	82	64314	7.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	22016	8.42	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	142137	8.43	ng	-0.01
78) Terphenyl-d14	13.00	244	104254	7.03	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	64314	3.492	ng	# 64
32) Benzoic acid	7.85	122	125	9.387	ng	# 64
47) 2-Nitroaniline	9.37	65	119	2.807	ng	# 9
50) 2,6-Dinitrotoluene	9.94	165	32092	8.275	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	32202	6.582	ng	# 23

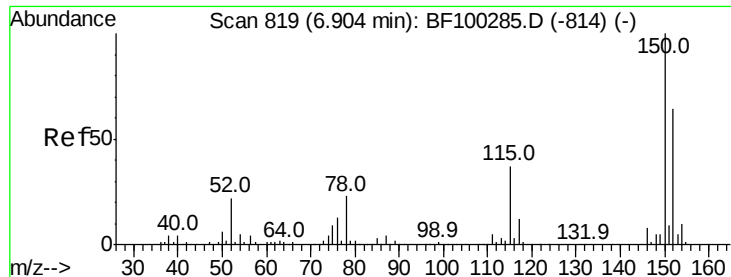
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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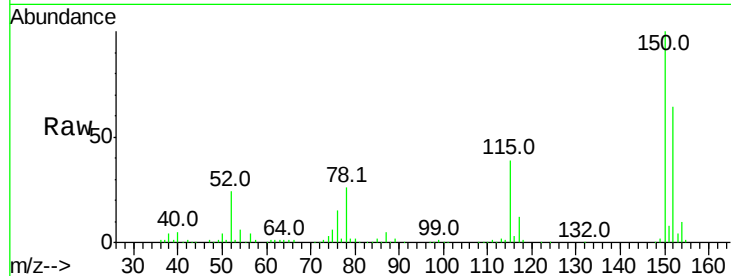


#1

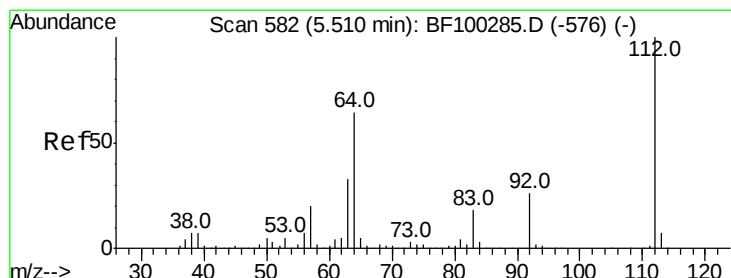
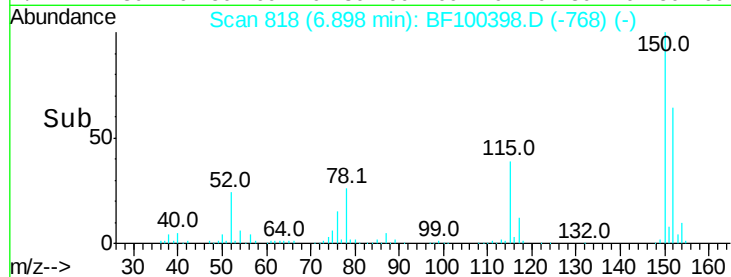
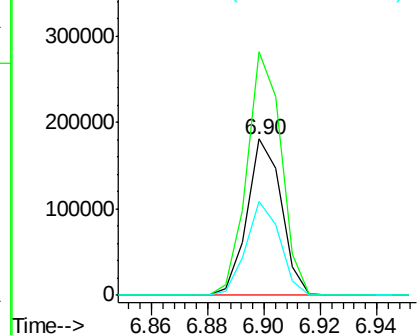
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100398.D
Acq: 10 Nov 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152002
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.5 50.1 75.1



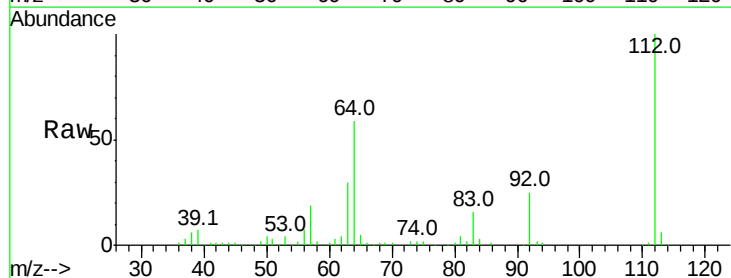
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



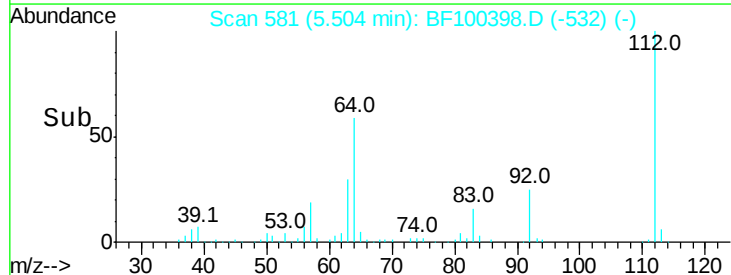
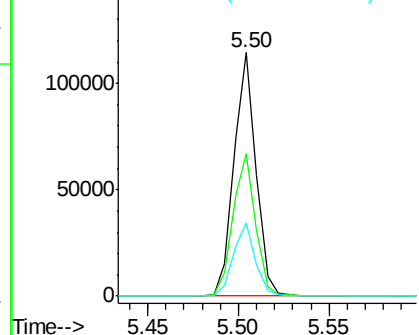
#5

2-Fluorophenol
Concen: 10.251 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100398.D
Acq: 10 Nov 2017 18:29

Tgt Ion:112 Resp: 97208
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 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: 9.895 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

Instrument :

BNA_F

ClientSampleId :

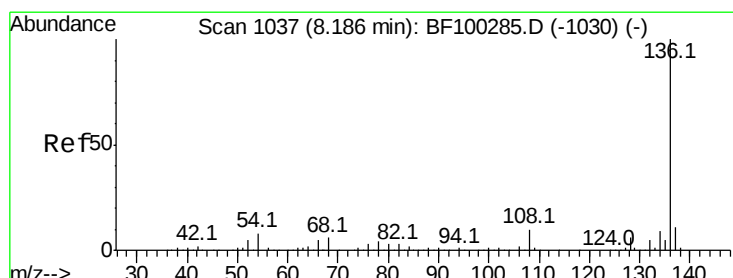
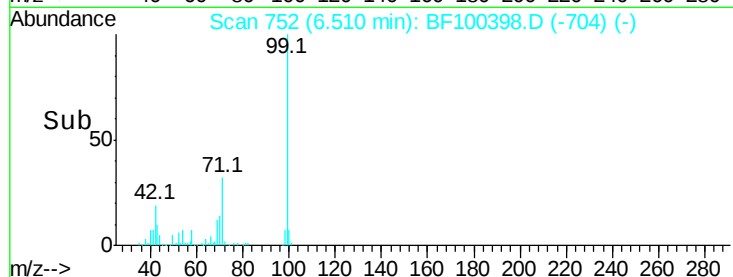
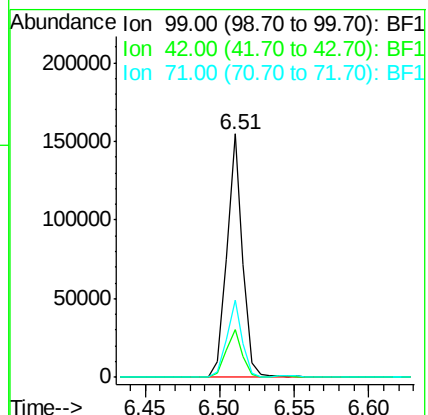
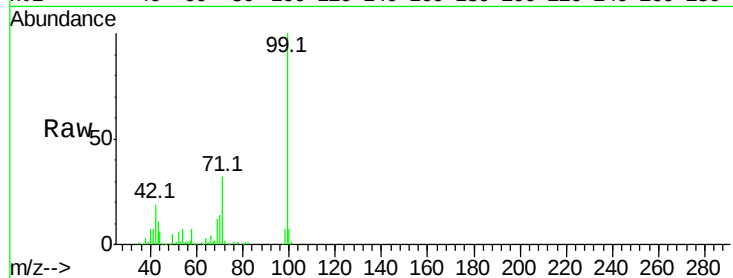
Tot Ion: 99 Resp: 115698

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

Tgt Ion: 136 Resp: 579462

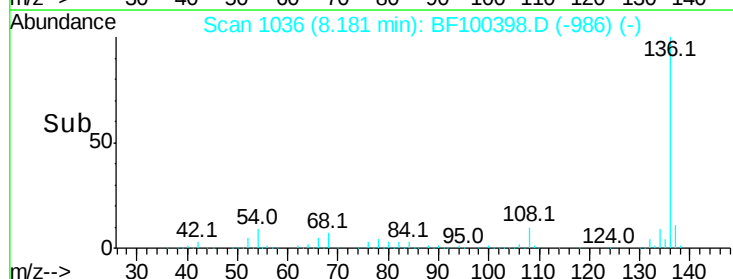
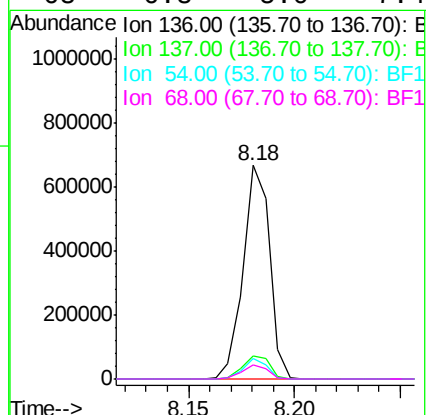
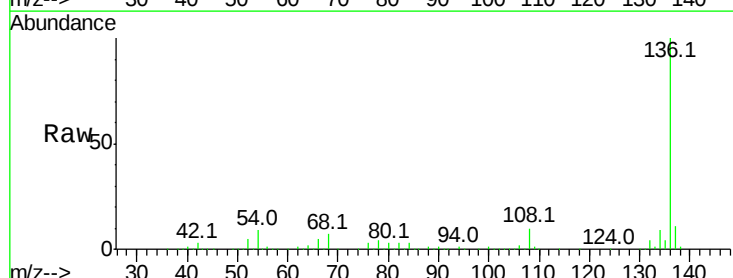
Ion Ratio Lower Upper

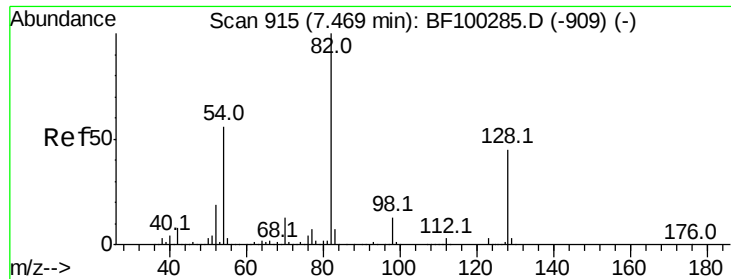
136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4

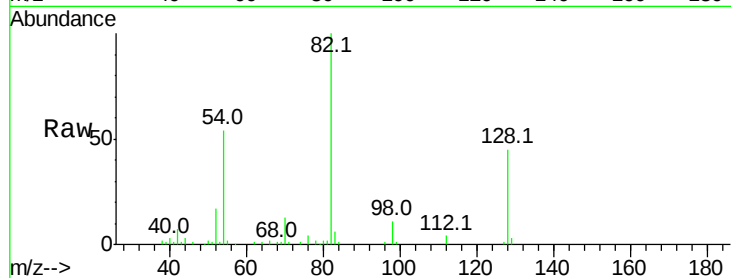




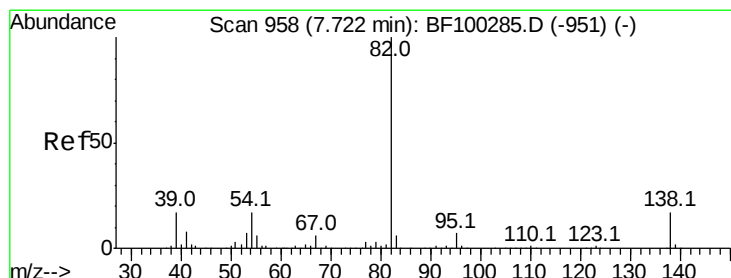
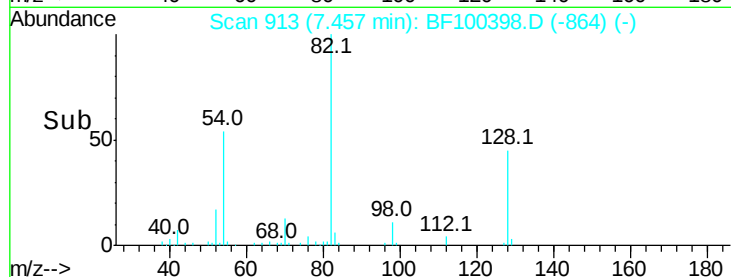
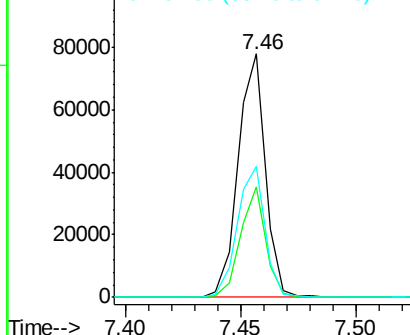
#23
Nitrobenzene-d5
Concen: 7.338 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100398.D
Acq: 10 Nov 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	64314
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	53.8	41.4	62.2

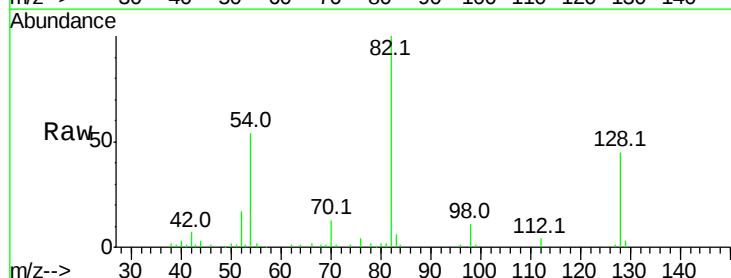


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

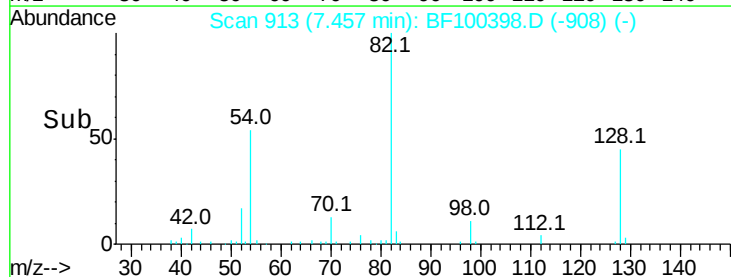
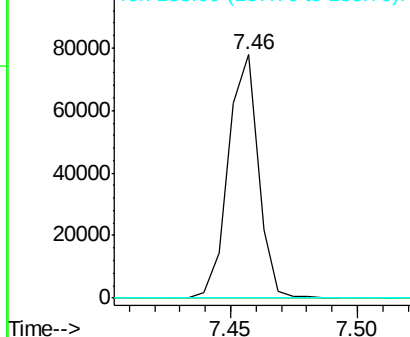


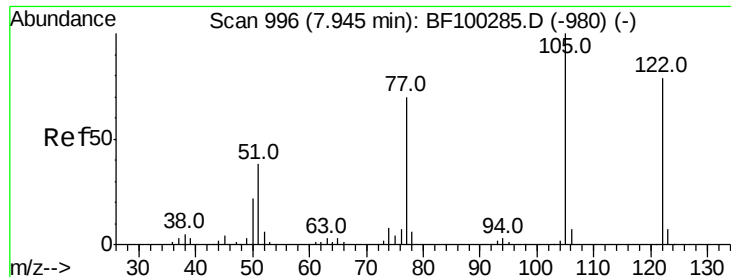
#25
Isophorone
Concen: 3.492 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.27 min
Lab File: BF100398.D
Acq: 10 Nov 2017 18:29

Tgt Ion	82	Resp	64314
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





#32

Benzoic acid

Concen: 9.387 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.10 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

Instrument :

BNA_F

ClientSampleId :

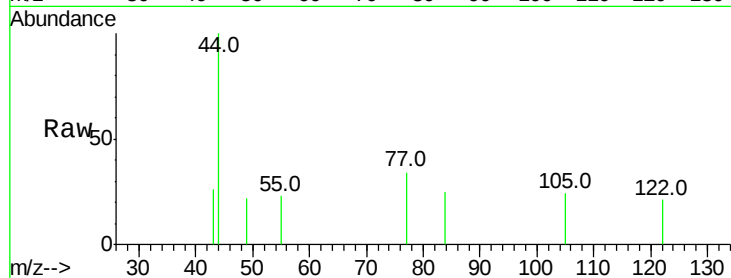
Tot Ion:122 Resp: 125

Ion Ratio Lower Upper

122 100

105 111.8 101.1 141.1

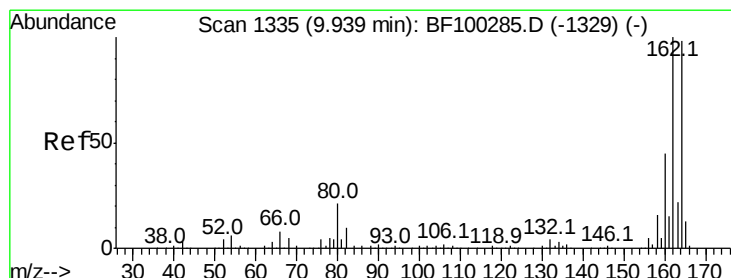
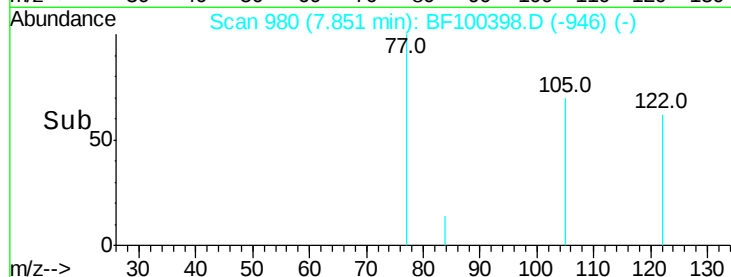
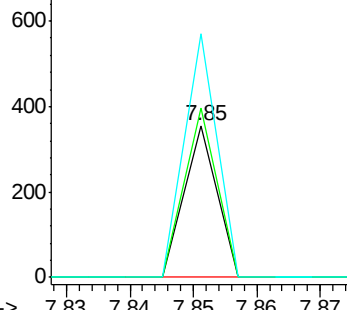
77 160.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

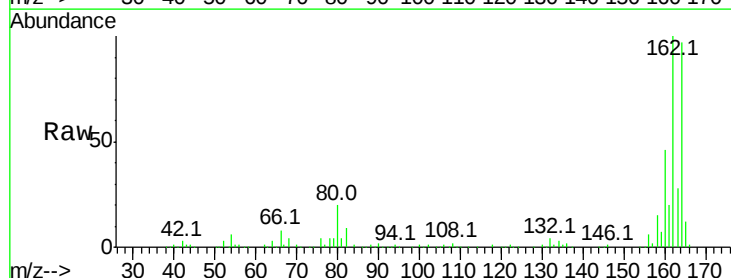
Tgt Ion:164 Resp: 256622

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

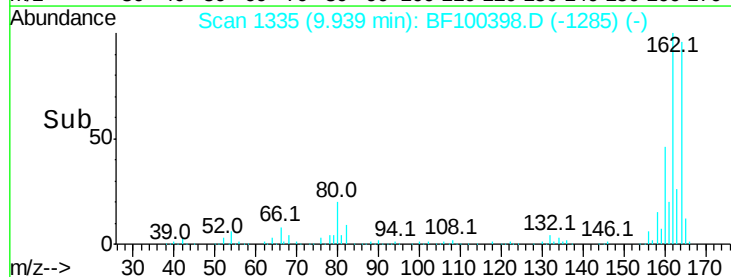
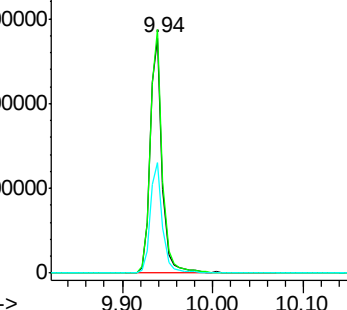
160 47.3 38.3 57.5

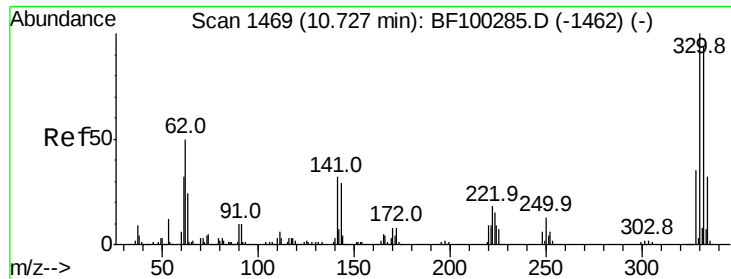


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

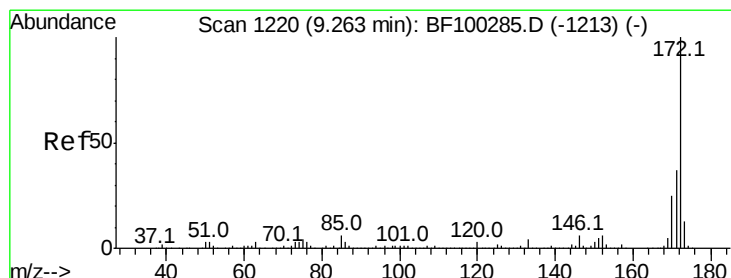
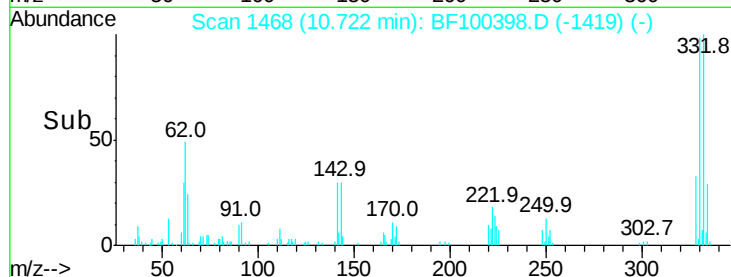
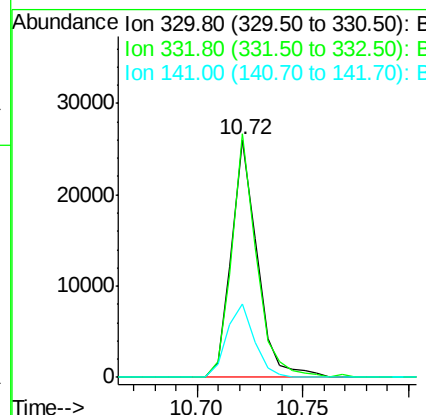
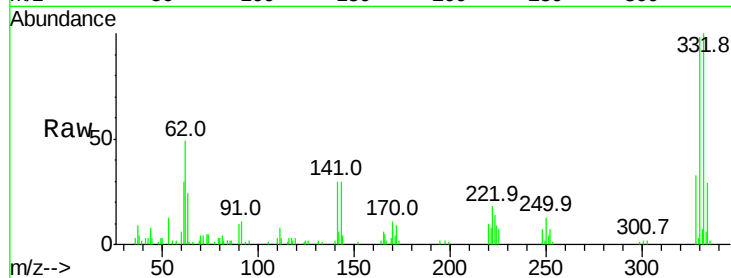




#41
 2,4,6-Tribromophenol
 Concen: 8.419 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100398.D
 Acq: 10 Nov 2017 18:29

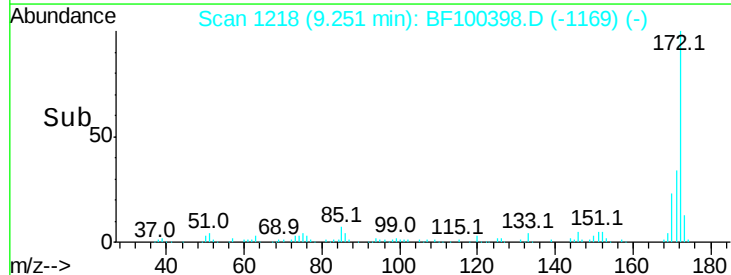
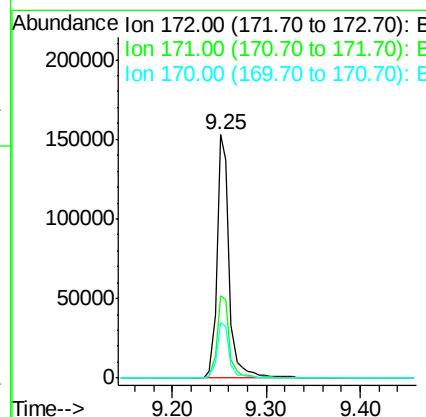
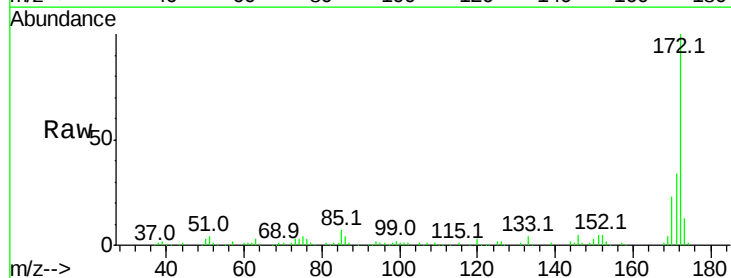
Instrument :
 BNA_F
 ClientSampleId :

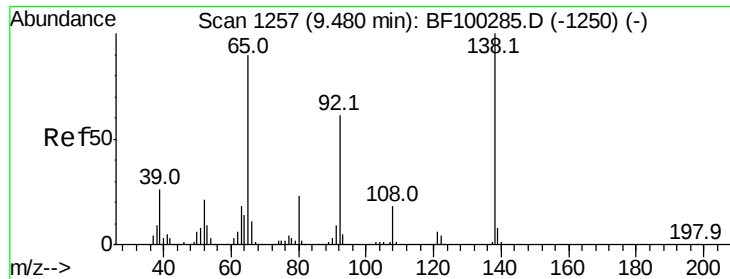
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	33.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 8.434 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100398.D
 Acq: 10 Nov 2017 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.7	44.5
170	23.0	19.6	29.4





#47

2-Nitroaniline

Concen: 2.807 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.11 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

Instrument :

BNA_F

ClientSampleId :

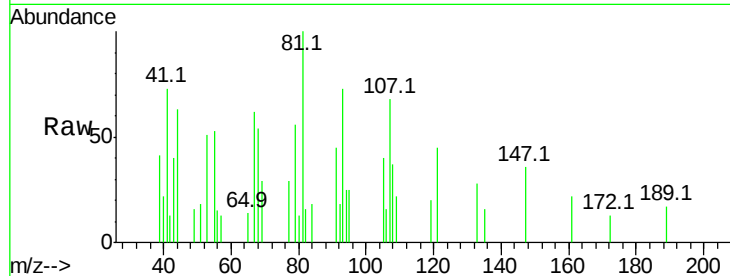
Tot Ion: 65 Resp: 119

Ion Ratio Lower Upper

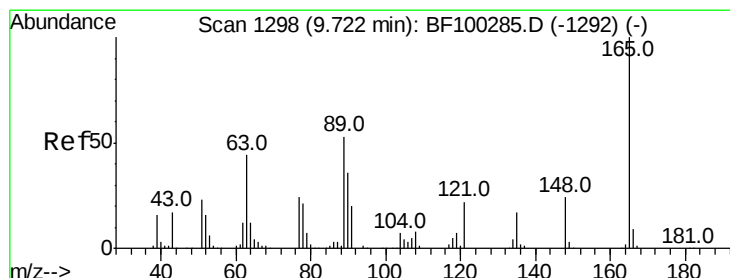
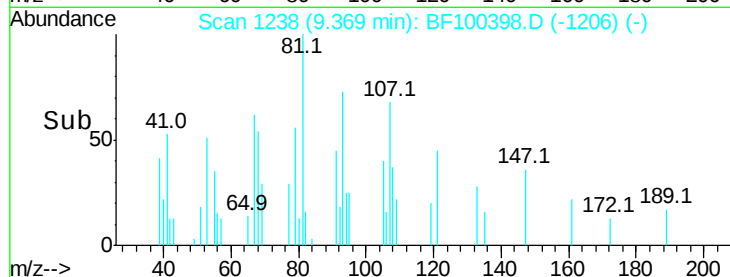
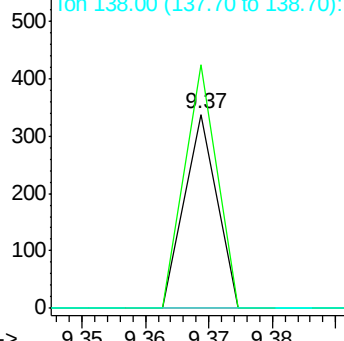
65 100

92 125.4 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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.275 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

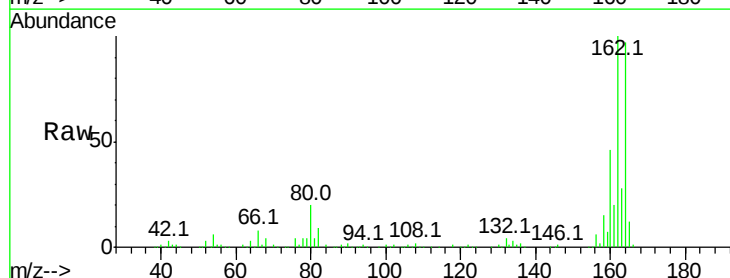
Tgt Ion:165 Resp: 32092

Ion Ratio Lower Upper

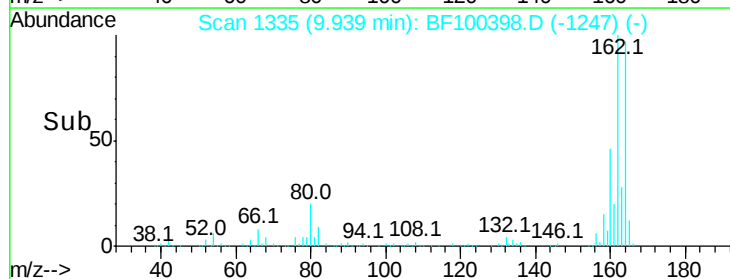
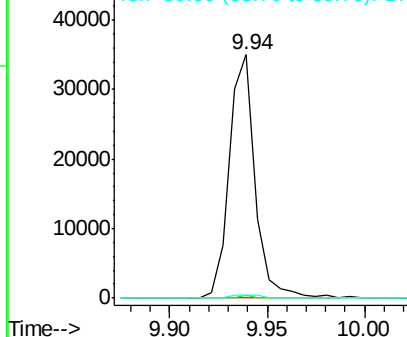
165 100

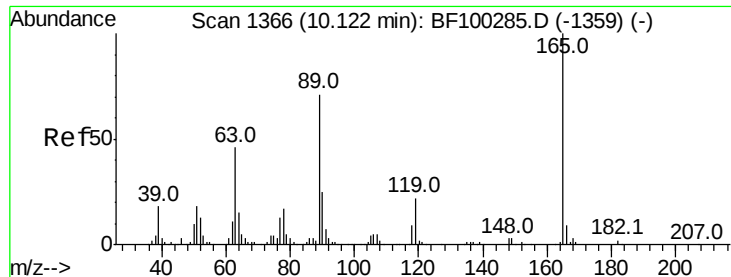
63 1.4 44.7 67.1#

89 1.5 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

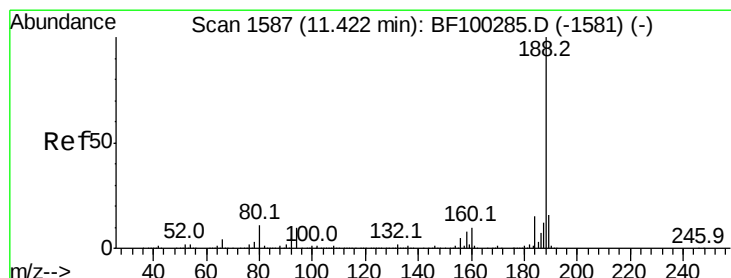
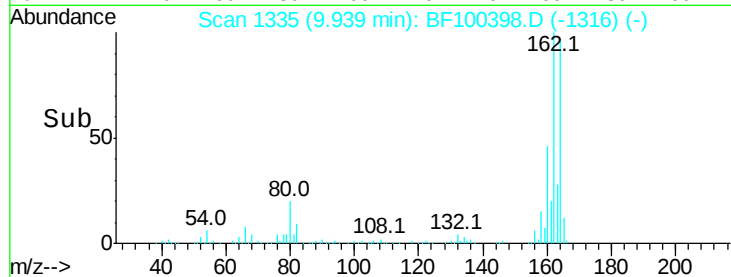
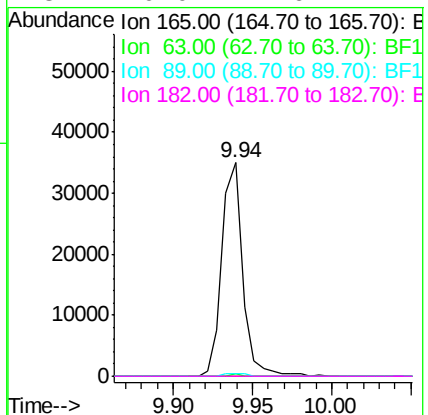
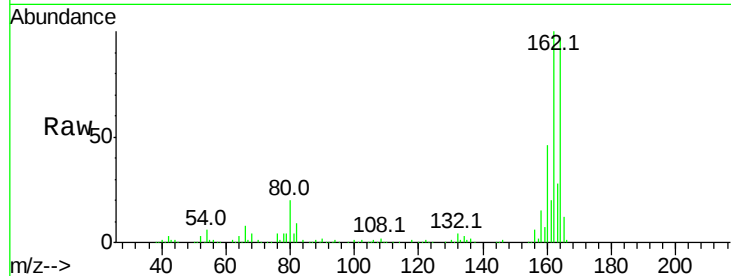




#56
 2,4-Dinitrotoluene
 Concen: 6.582 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100398.D
 Acq: 10 Nov 2017 18:29

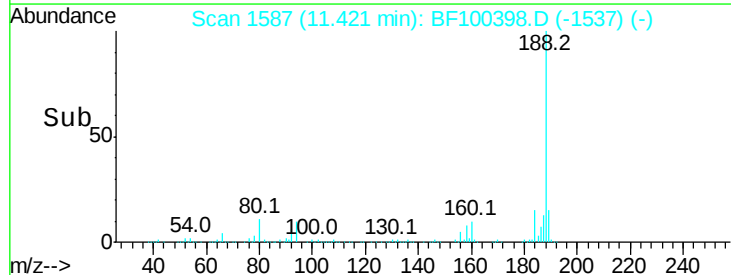
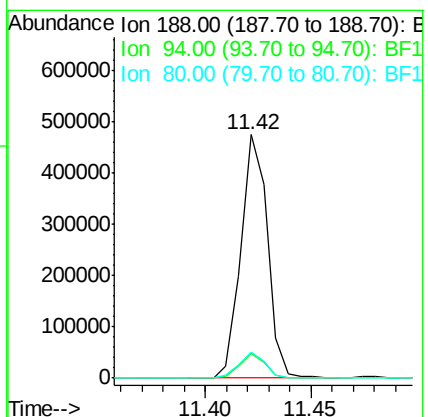
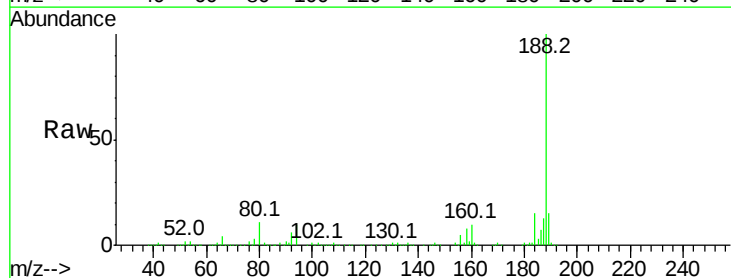
Instrument :
 BNA_F
 ClientSampled :

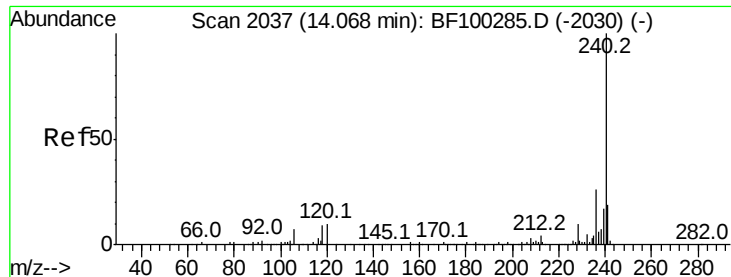
Tot Ion:165 Resp: 32202
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100398.D
 Acq: 10 Nov 2017 18:29

Tgt Ion:188 Resp: 412834
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

Instrument :

BNA_F

ClientSampleId :

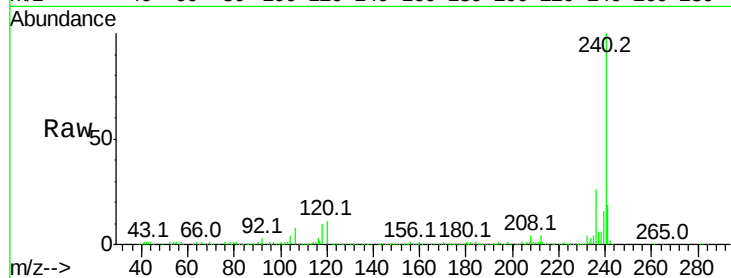
Tot Ion:240 Resp: 340693

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

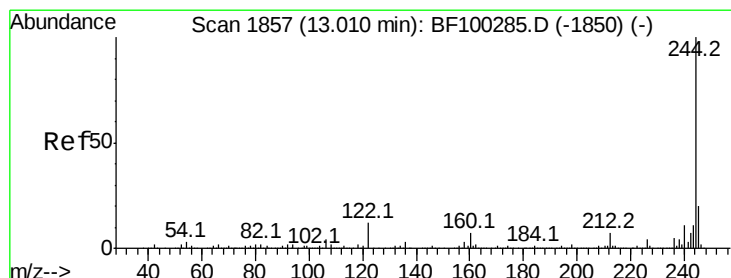
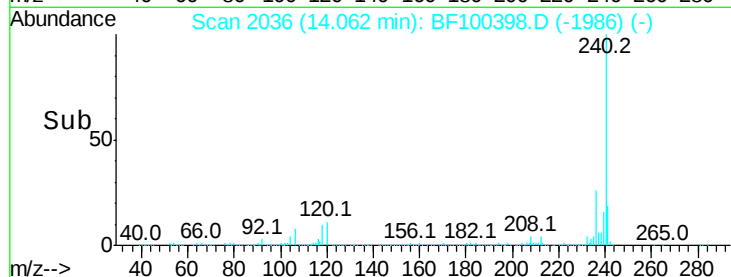
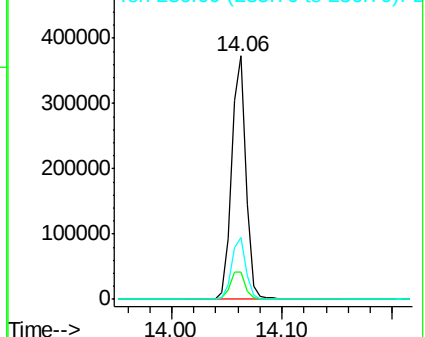
236 25.5 20.7 31.1



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: 7.031 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100398.D

Acq: 10 Nov 2017 18:29

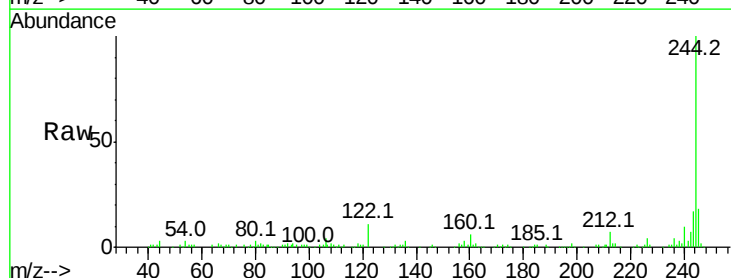
Tgt Ion:244 Resp: 104254

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

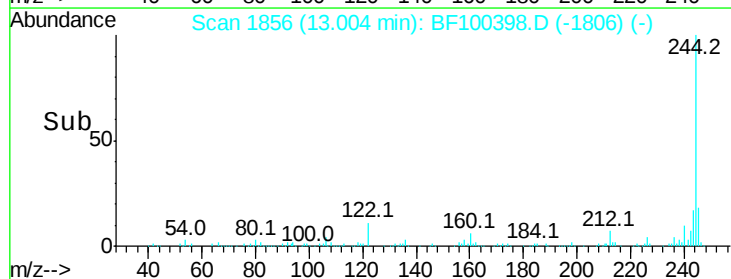
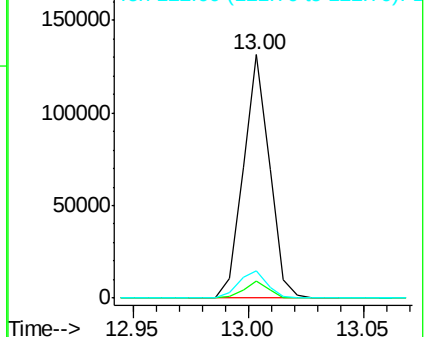
122 11.3 11.0 16.4

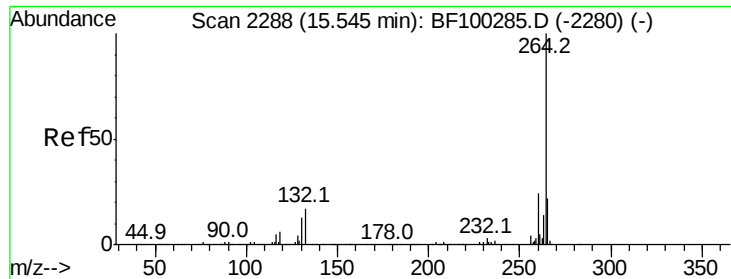


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100398.D
Acq: 10 Nov 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 267722

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

