

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100538.D
 Acq On : 14 Nov 2017 13:16
 Operator : SJ/JU
 Sample : I6364-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 14:19:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

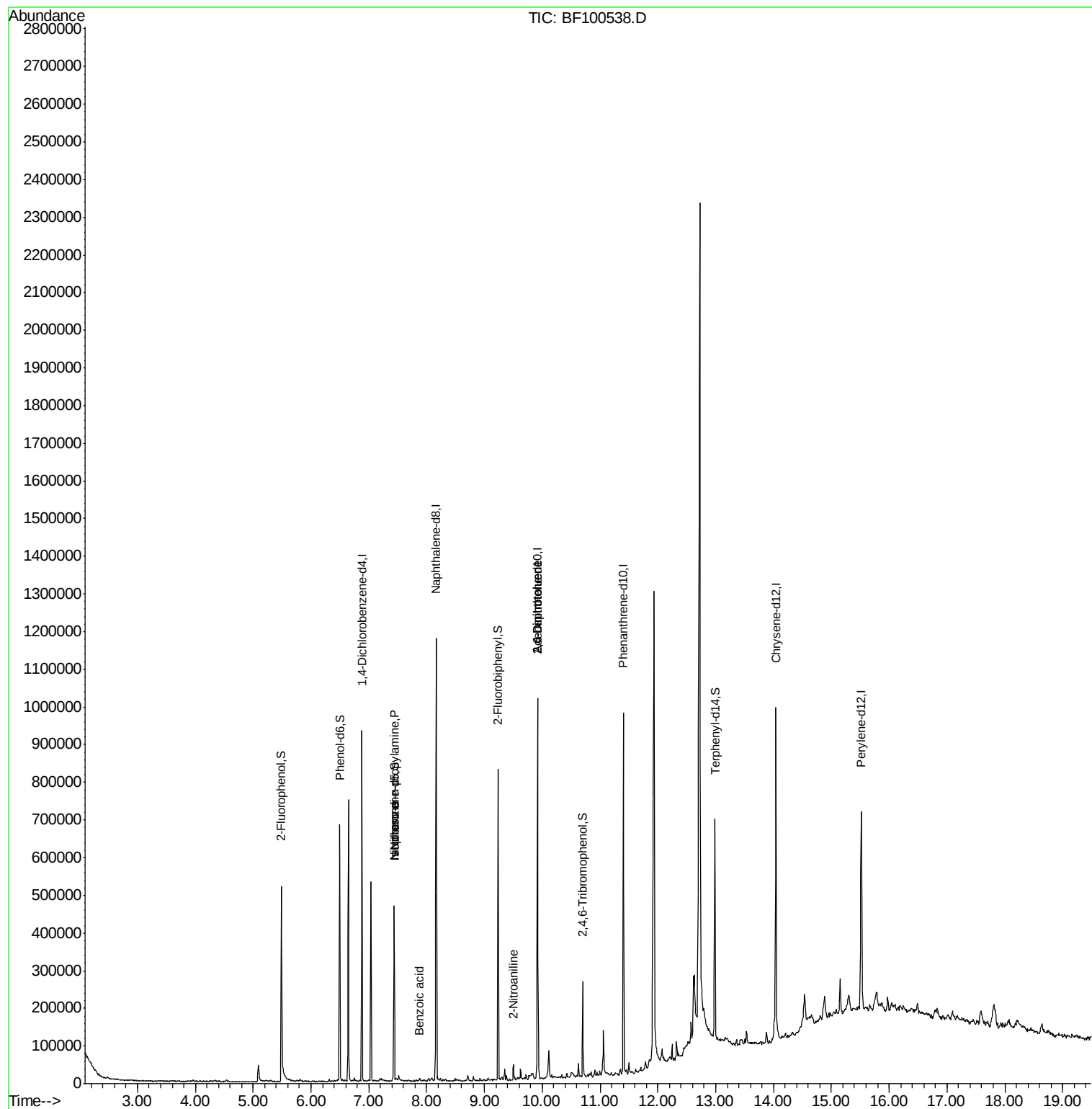
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128281	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	481327	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	196286	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	307058	20.00	ng	0.00
75) Chrysene-d12	14.04	240	285952	20.00	ng	-0.01
86) Perylene-d12	15.52	264	261595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	172221	21.52	ng	-0.01
7) Phenol-d6	6.50	99	201840	20.45	ng	-0.01
23) Nitrobenzene-d5	7.44	82	123063	16.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	28697	14.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	241194	18.71	ng	-0.01
78) Terphenyl-d14	12.99	244	163878	13.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	16120	2.355	ng	# 82
25) Isophorone	7.44	82	123059	8.044	ng	# 64
32) Benzoic acid	7.86	122	238	9.407	ng	# 86
47) 2-Nitroaniline	9.50	65	272	2.854	ng	# 32
50) 2,6-Dinitrotoluene	9.92	165	25124	8.469	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	25124	6.713	ng	# 23

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

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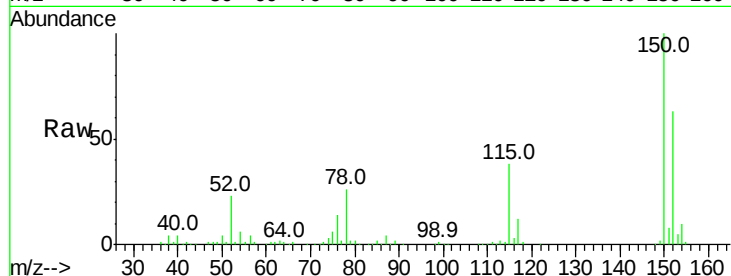


#1

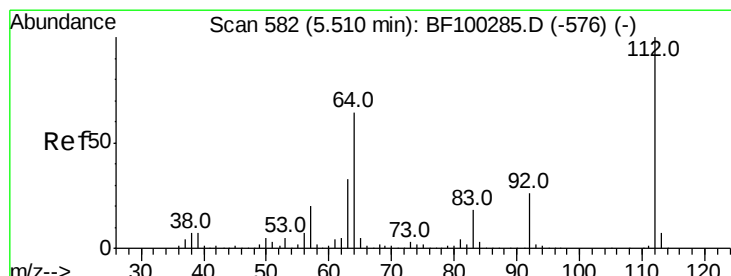
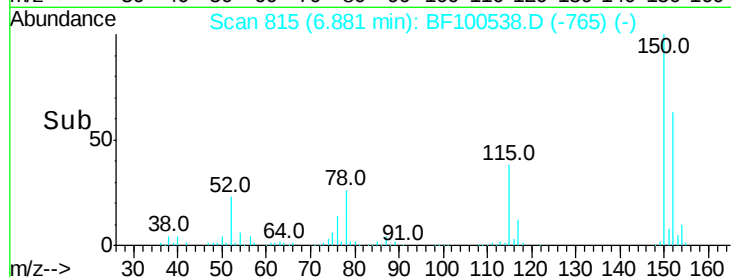
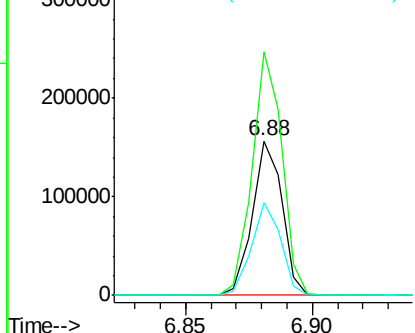
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.6	50.1	75.1



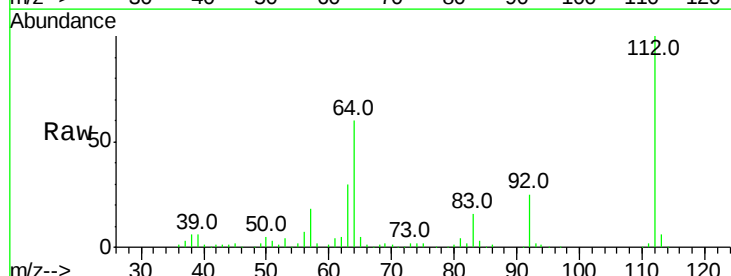
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



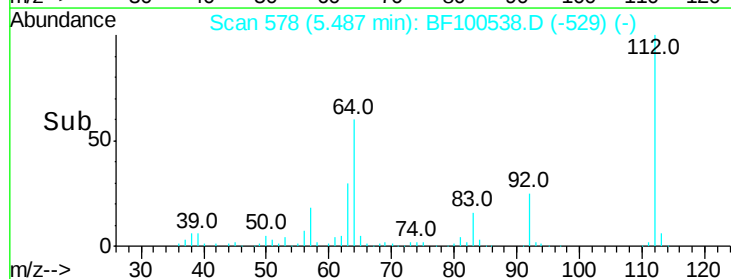
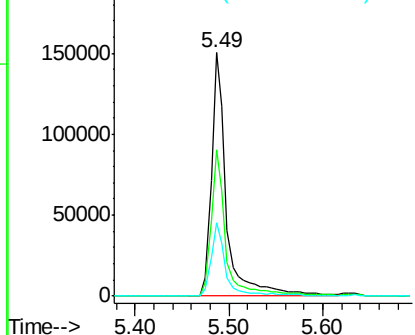
#5

2-Fluorophenol
Concen: 21.521 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	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: 20.453 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

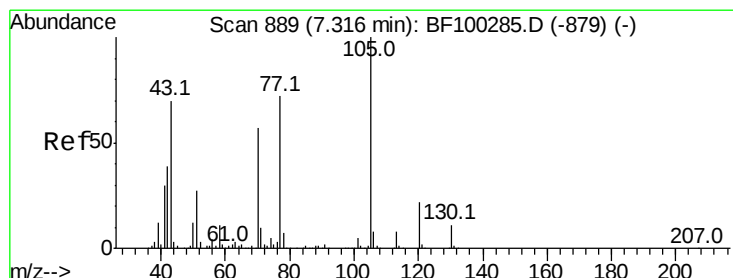
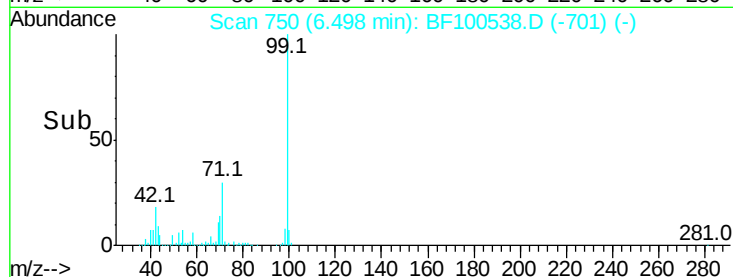
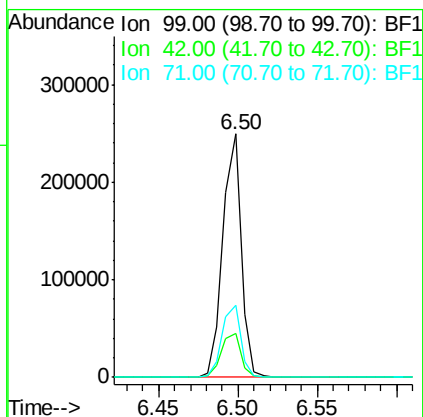
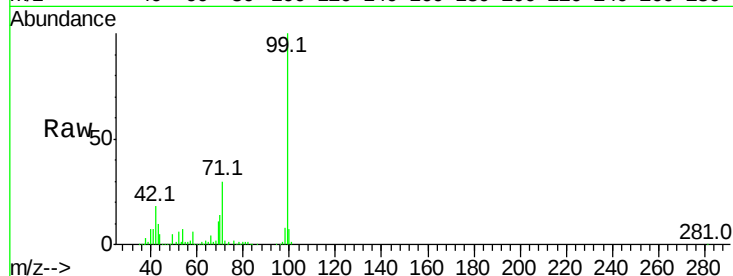
Tot Ion: 99 Resp: 201840

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 29.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.355 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Tgt Ion: 70 Resp: 16120

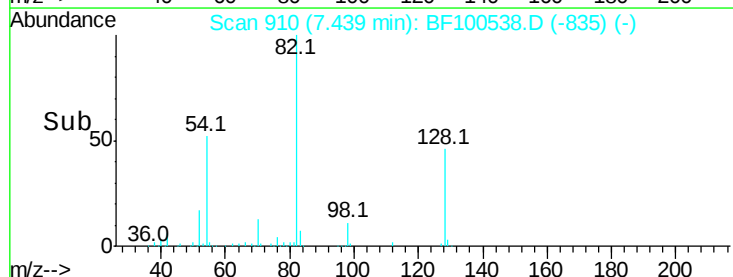
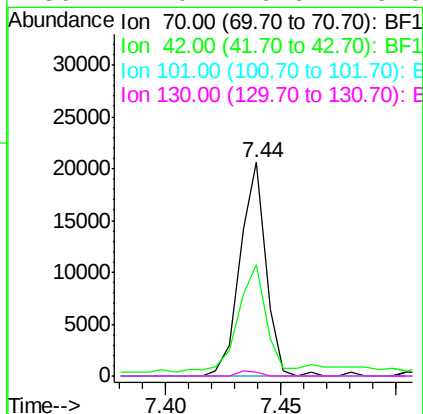
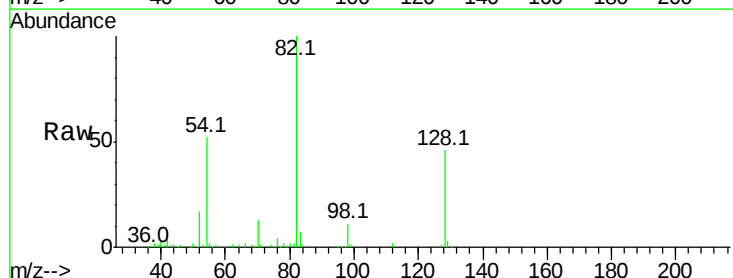
Ion Ratio Lower Upper

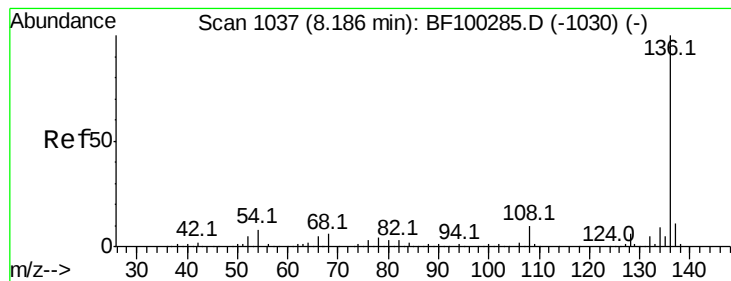
70 100

42 52.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 481327

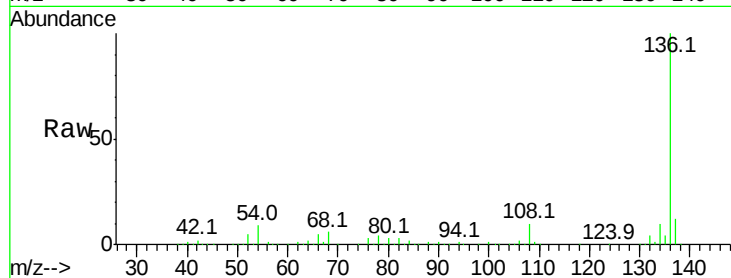
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.3 6.6 9.8

68 6.4 5.0 7.4

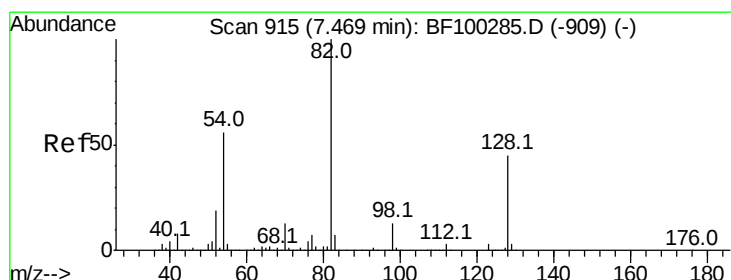
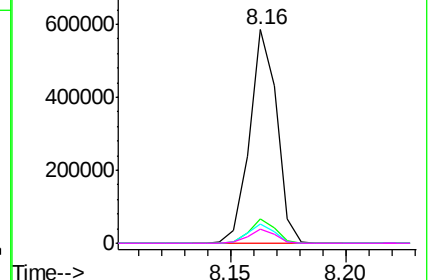
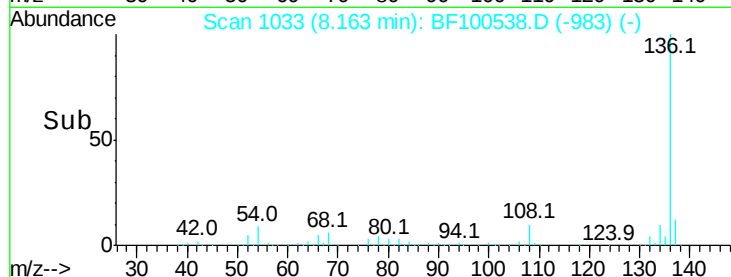


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 16.903 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

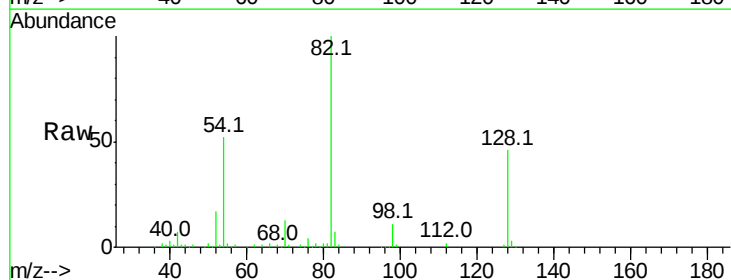
Tgt Ion: 82 Resp: 123063

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

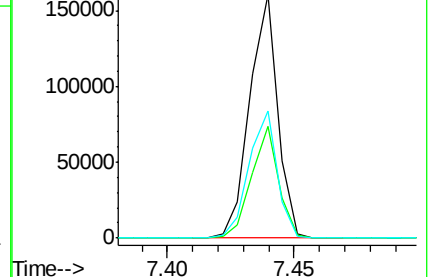
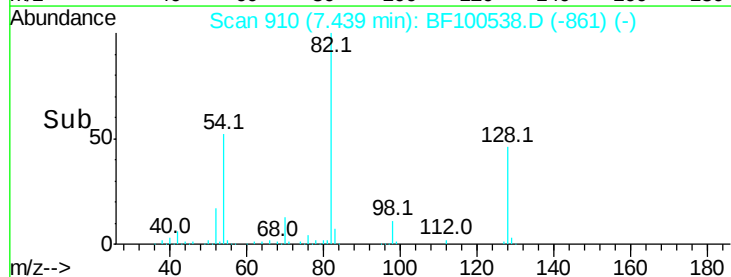
54 52.0 41.4 62.2

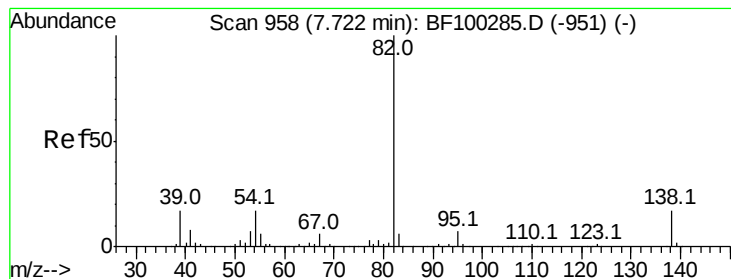


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.044 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

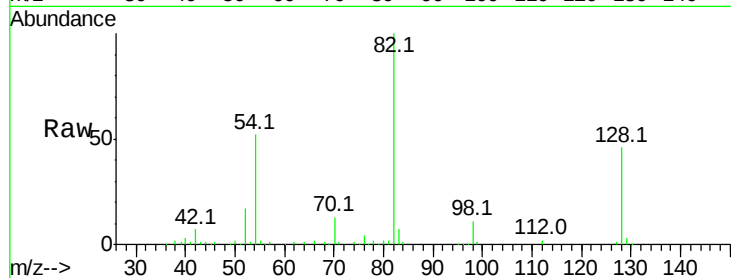
Tot Ion: 82 Resp: 123059

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

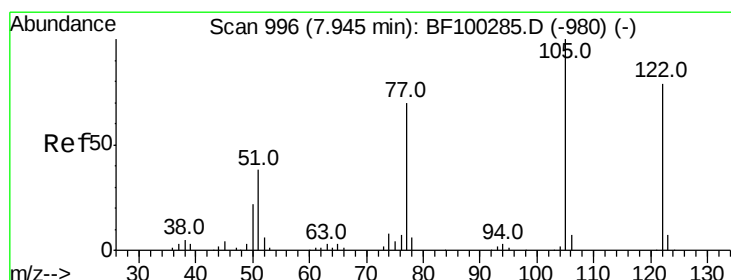
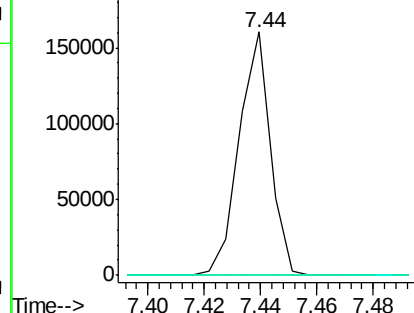
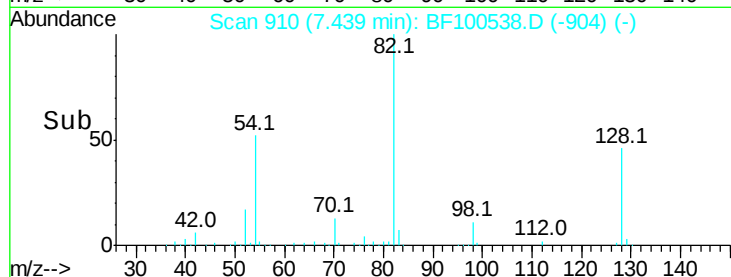
138 0.0 14.9 22.3#



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: 9.407 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.07 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

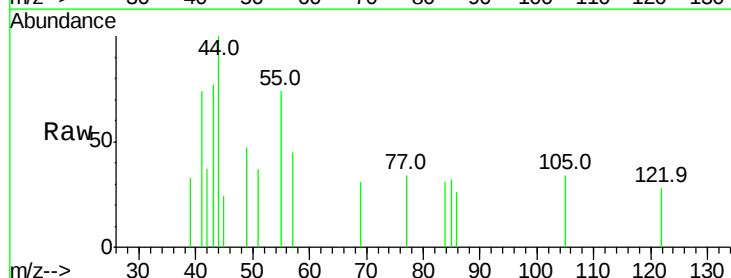
Tgt Ion: 122 Resp: 238

Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

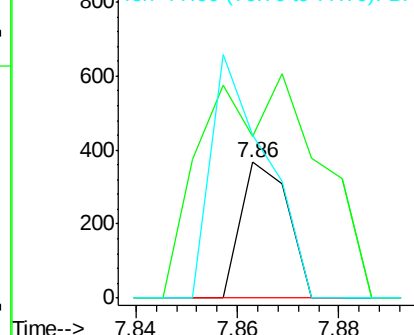
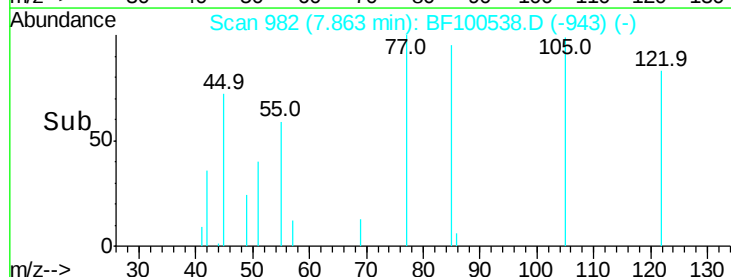
77 120.2 70.7 110.7#

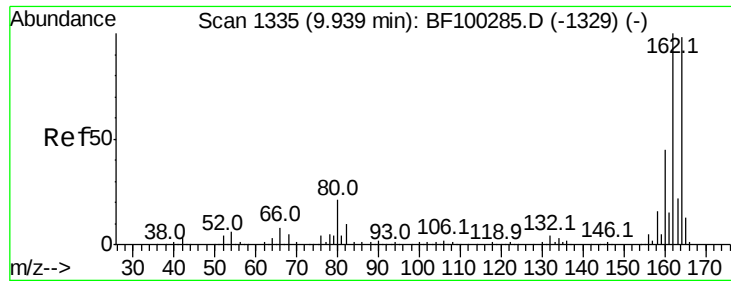


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

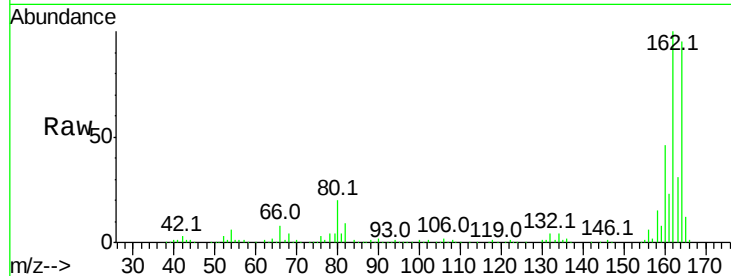




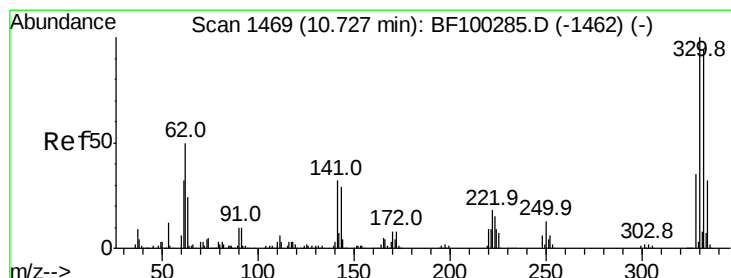
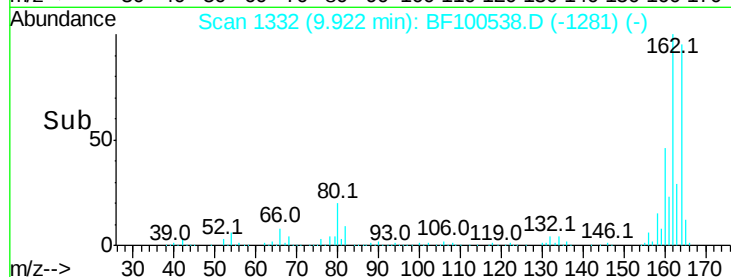
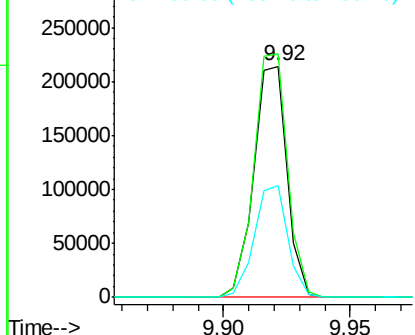
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.3	38.3	57.5

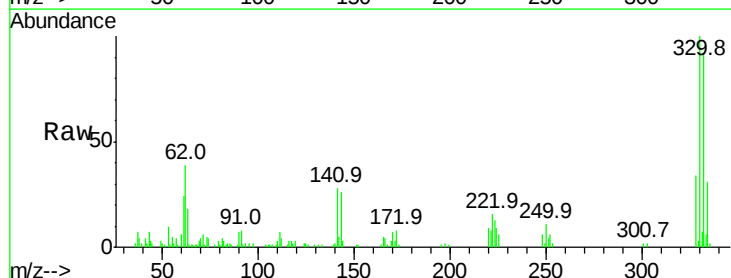


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

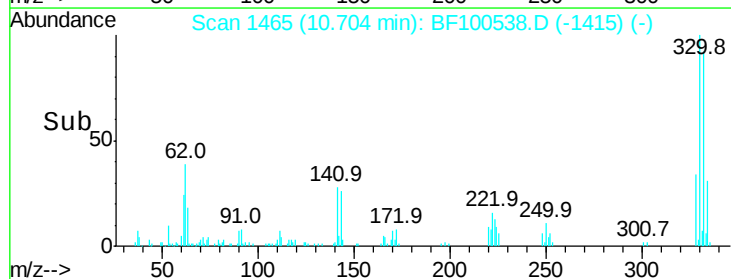
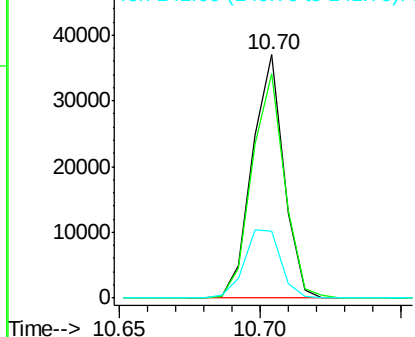


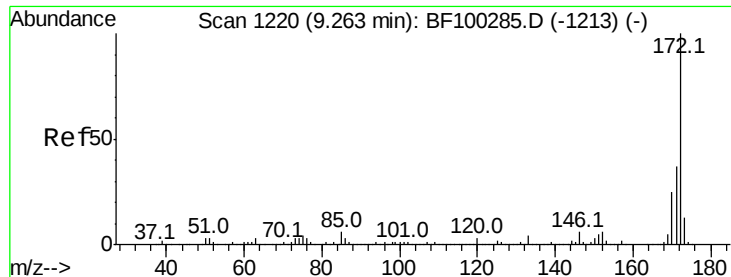
#41
2,4,6-Tribromophenol
Concen: 14.347 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	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

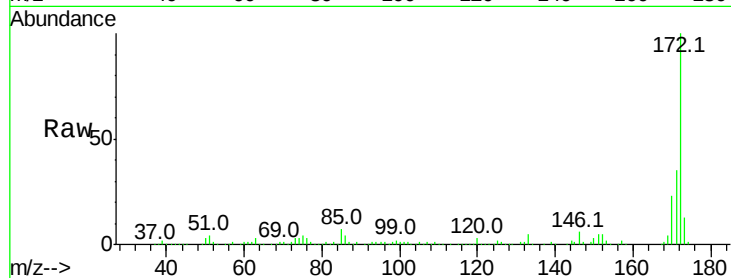




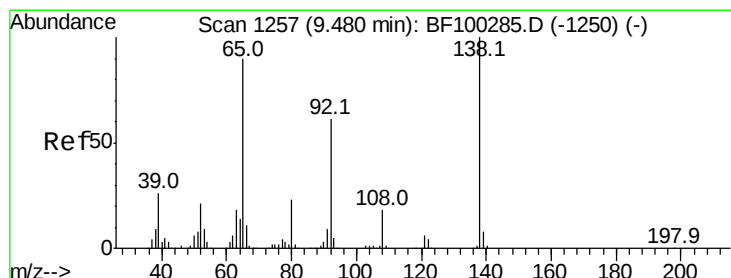
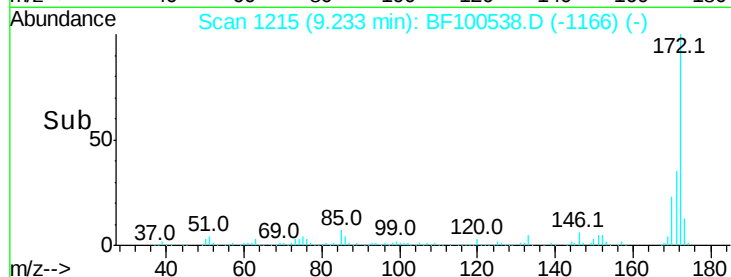
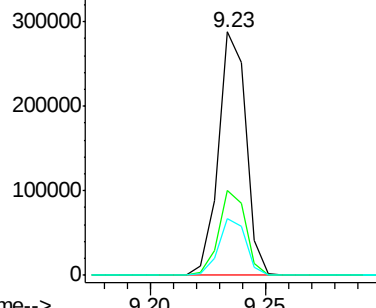
#44
2-Fluorobiphenyl
Concen: 18.711 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

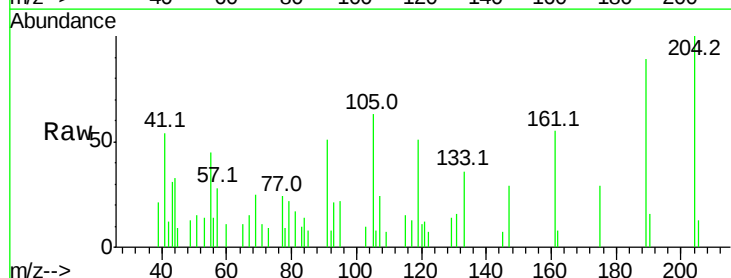


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

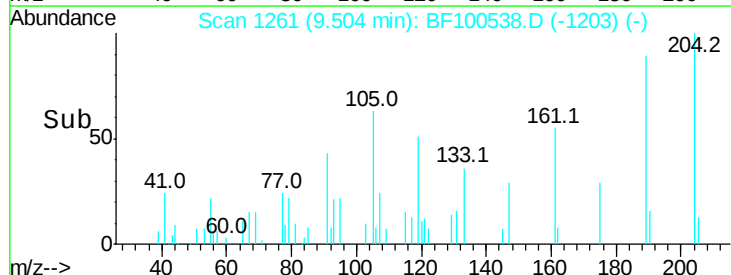
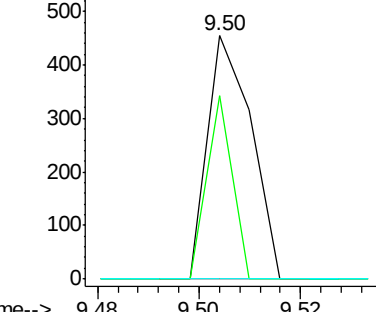


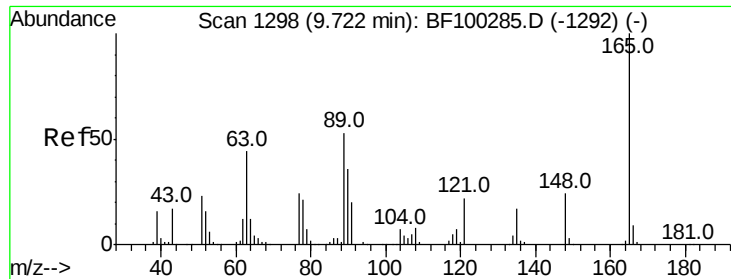
#47
2-Nitroaniline
Concen: 2.854 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.04 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	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): E

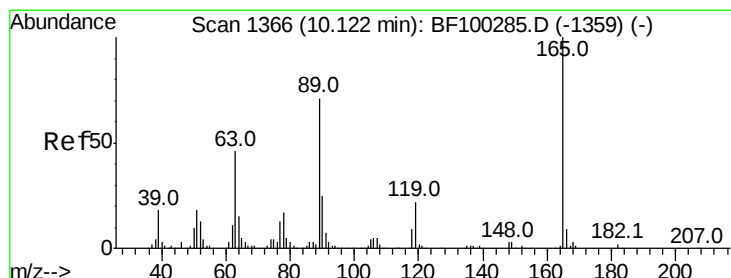
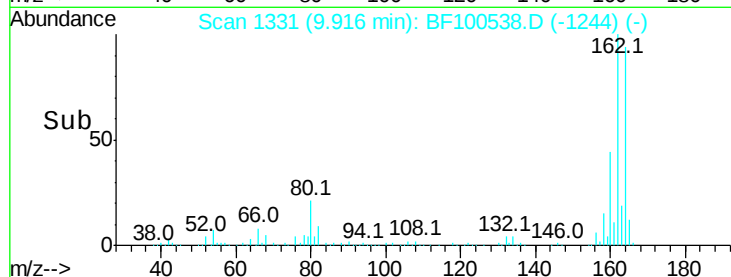
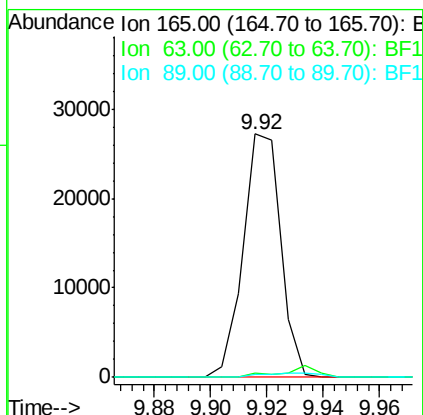
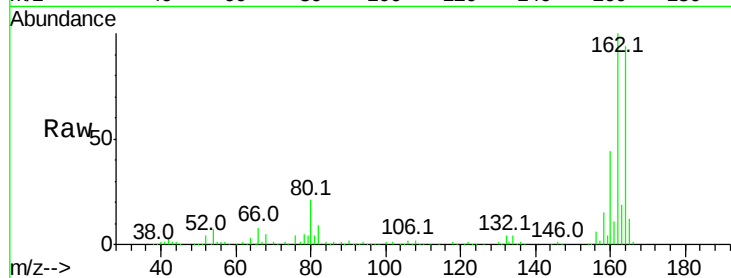




#50
 2,6-Dinitrotoluene
 Concen: 8.469 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

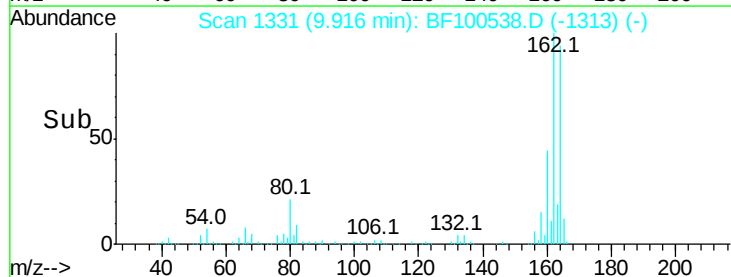
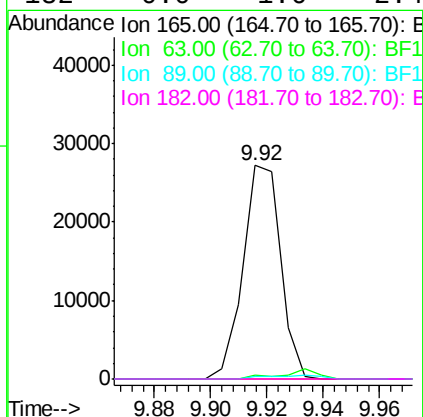
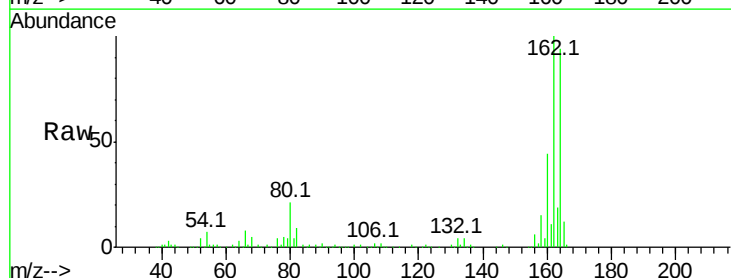
Instrument :
 BNA_F
 ClientSampleId :

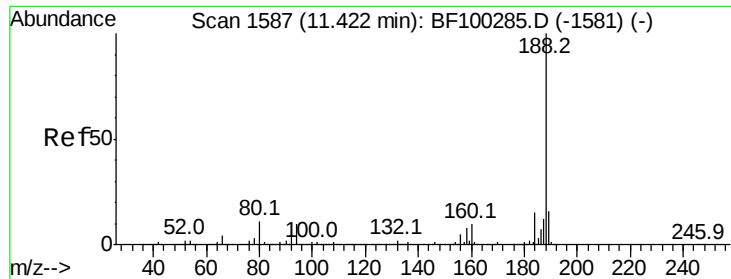
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.713 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

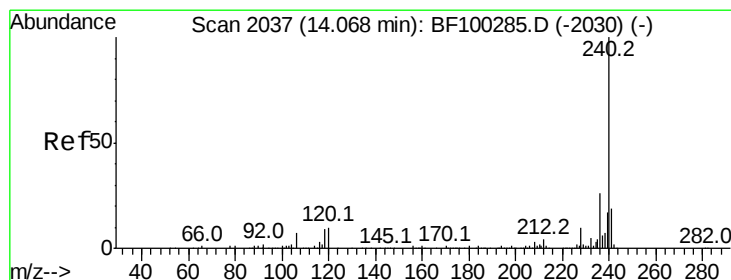
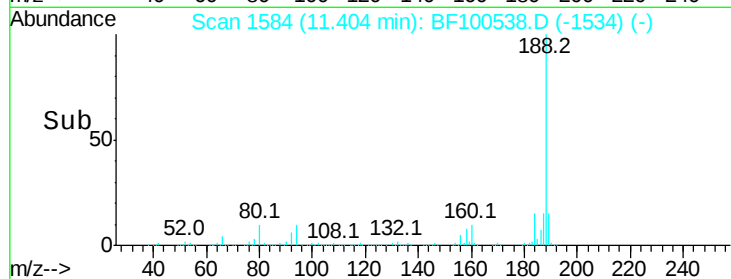
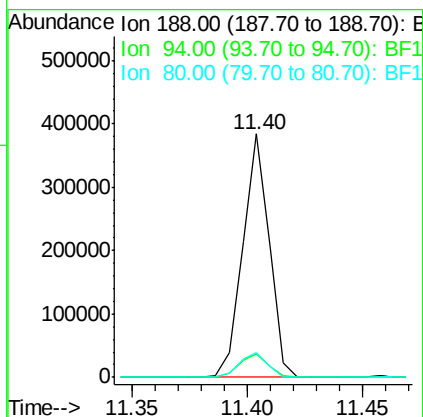
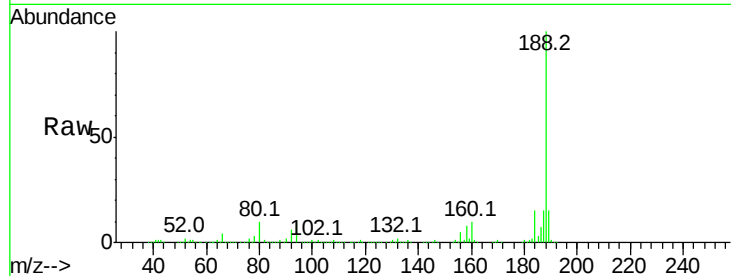




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

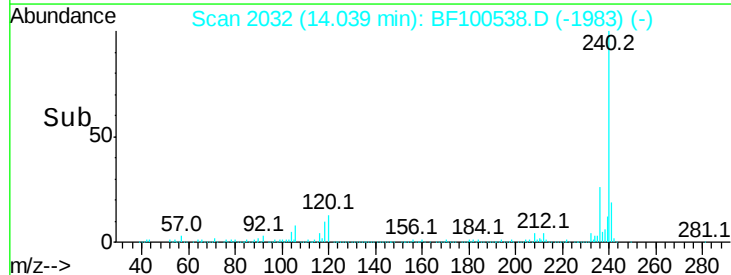
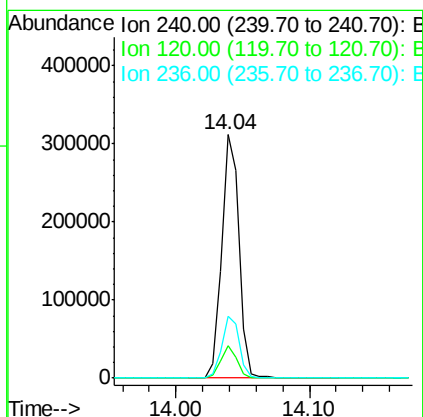
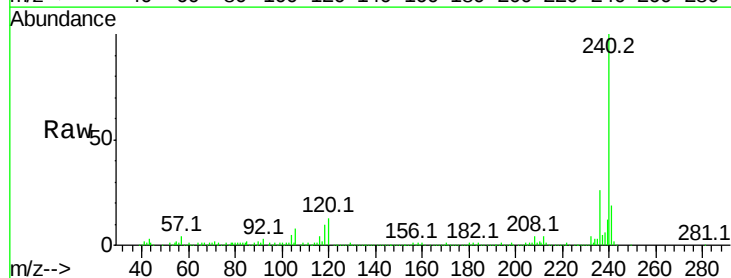
Instrument :
BNA_F
ClientSampleId :

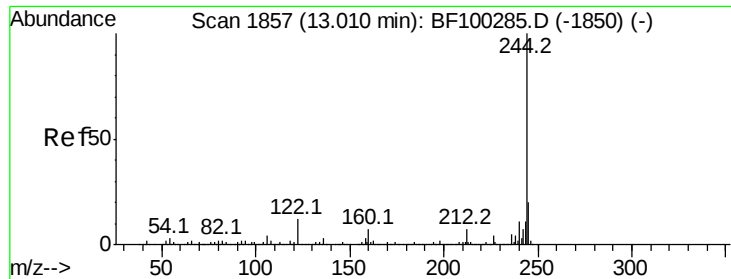
Tot Ion:188 Resp: 307058
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion:240 Resp: 285952
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.6 20.7 31.1

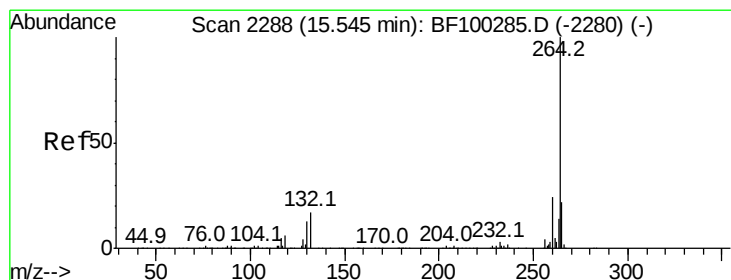
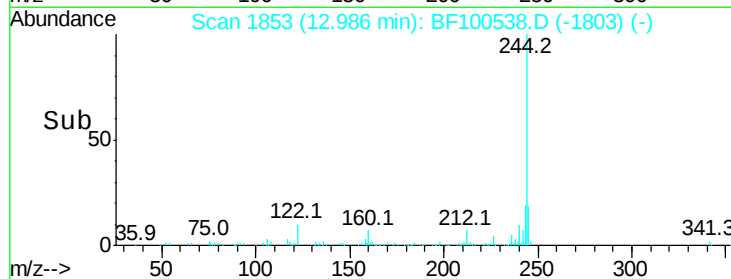
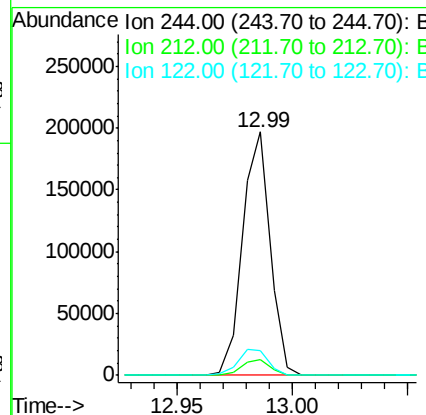
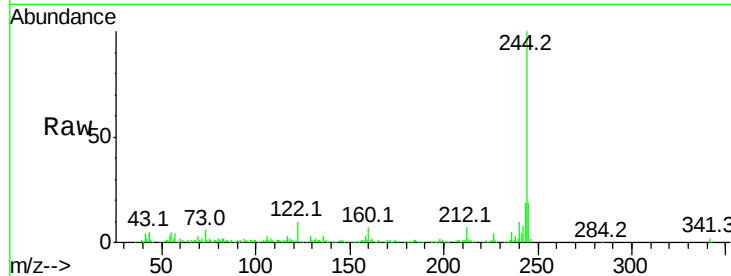




#78
 Terphenyl-d14
 Concen: 13.168 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 163878
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

Tgt Ion:264 Resp: 261595
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.0 17.5 26.3

