

Data File : BF100464.D
Acq On : 12 Nov 2017 3:04
Operator : SJ/JU
Sample : I6369-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-B

Quant Time: Nov 13 04:43:26 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	136306	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	502195	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199269	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	311408	20.00	ng	0.00
75) Chrysene-d12	14.06	240	279059	20.00	ng	0.00
86) Perylene-d12	15.54	264	199118	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408773	48.07	ng	0.00
7) Phenol-d6	6.52	99	323451	30.85	ng	-0.01
23) Nitrobenzene-d5	7.47	82	824130	108.50	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	167119	82.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1387556	106.03	ng	0.00
78) Terphenyl-d14	13.01	244	972317	80.06	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	34591	3.14	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	109333	15.04	ng	# 81
25) Isophorone	7.47	82	824124	51.63	ng	# 64
47) 2-Nitroaniline	9.65	65	686	2.96	ng	# 1
49) Dimethylphthalate	9.65	163	79601	5.23	ng	99
50) 2,6-Dinitrotoluene	9.94	165	25433	8.44	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	25433	6.69	ng	# 22
62) Azobenzene	10.65	77	54732	3.82	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	283	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	10823	3.24	ng	# 1

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

Data File : BF100464.D

Acq On : 12 Nov 2017 3:04

Operator : SJ/JU

Sample : I6369-11

Misc :

ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-B

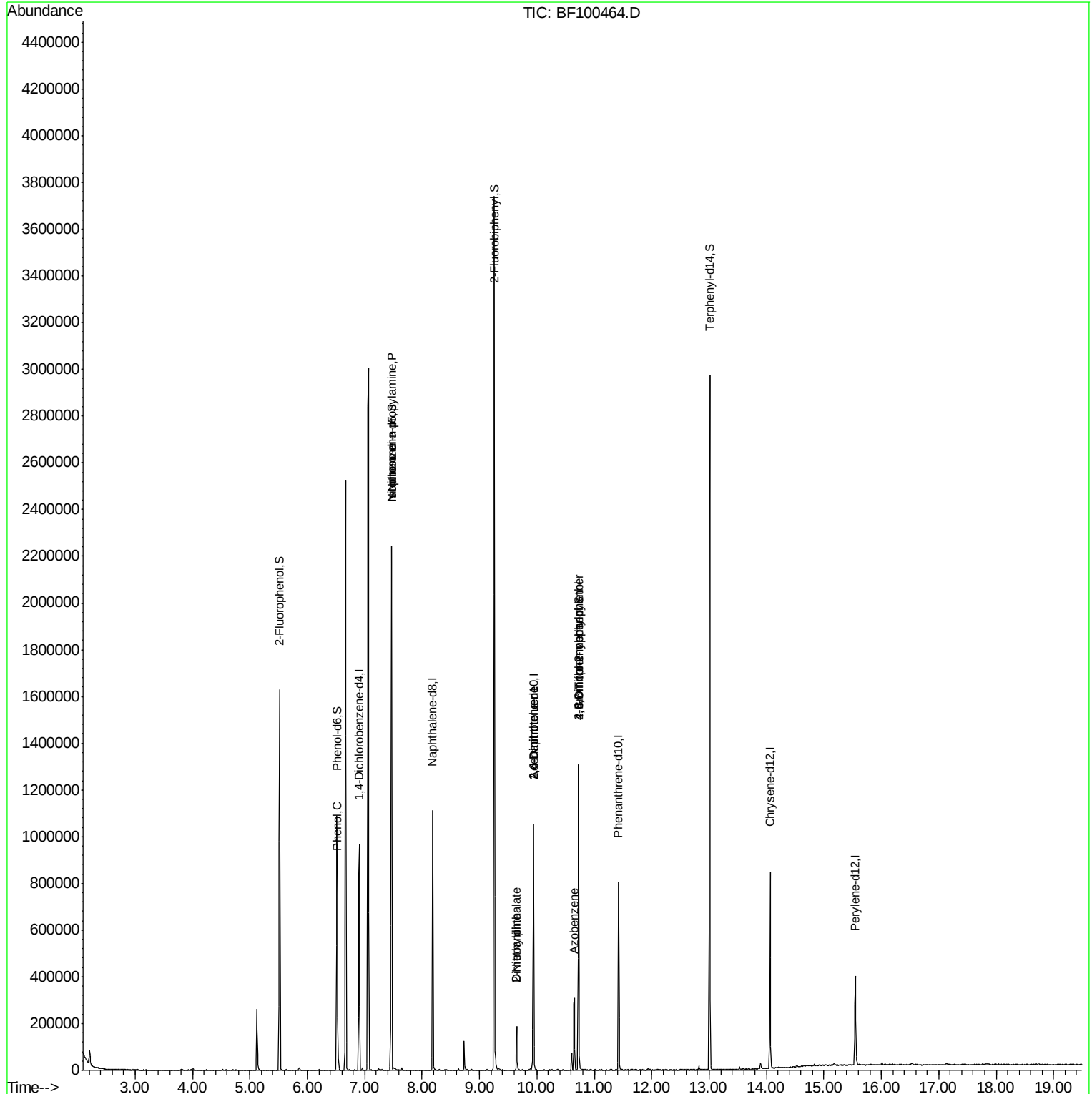
Quant Time: Nov 13 04:43:26 2017

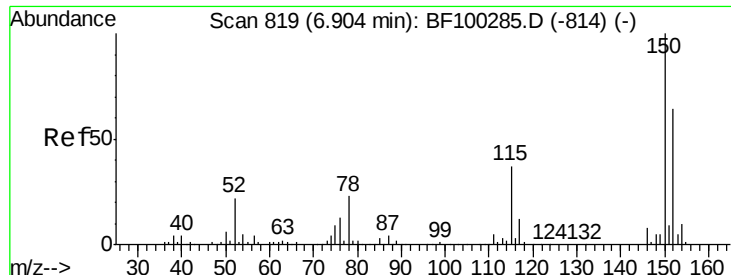
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-B

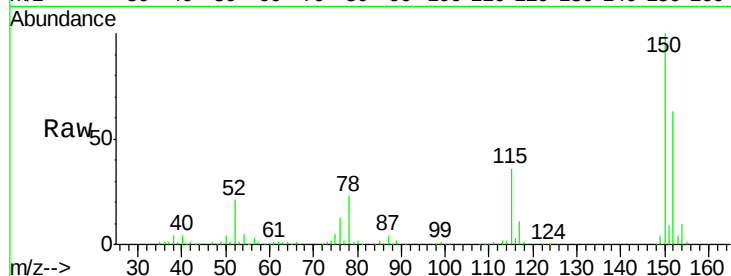
Tgt Ion:152 Resp: 136306

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

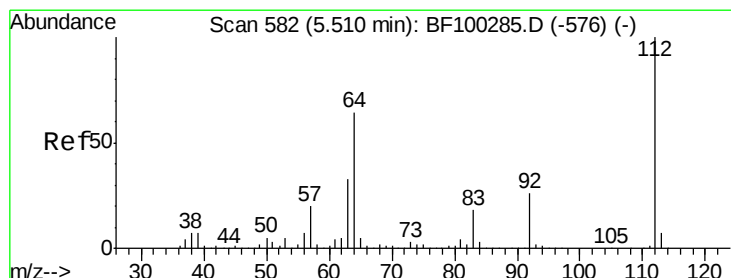
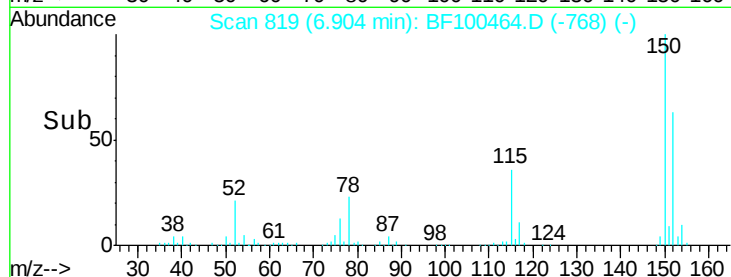
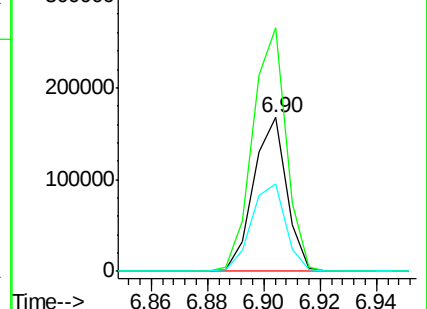
115 56.7 50.1 75.1



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: 48.07 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

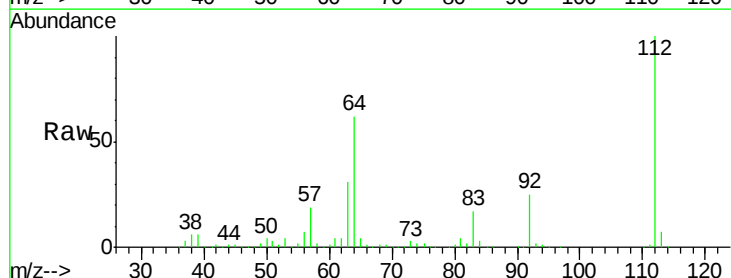
Tgt Ion:112 Resp: 408773

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

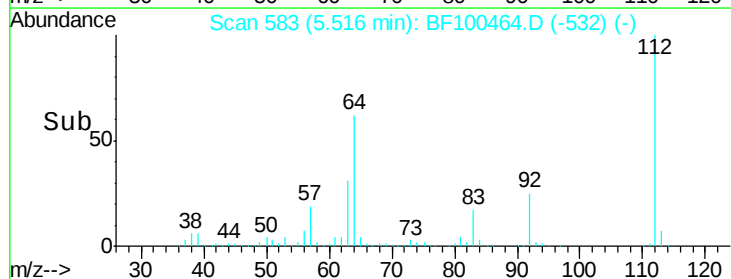
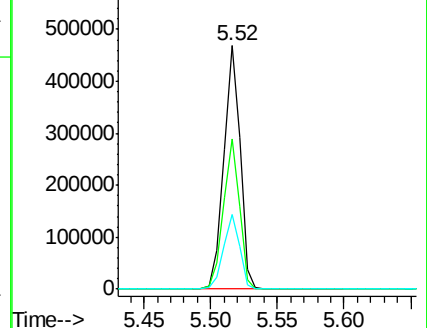
63 30.8 23.7 35.5

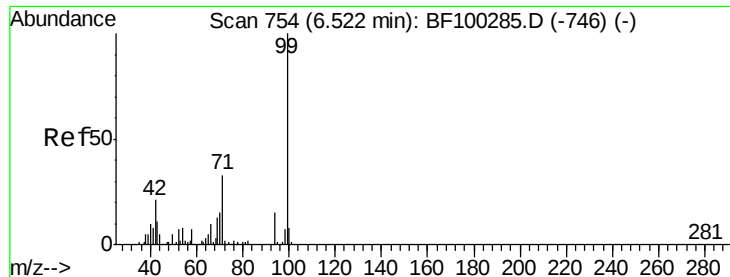


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 30.85 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-B

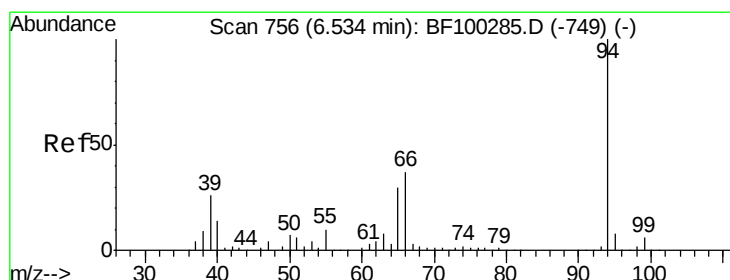
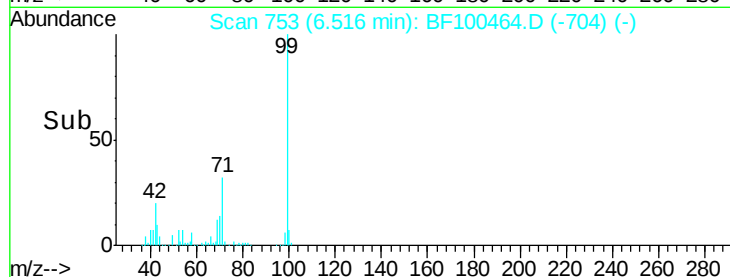
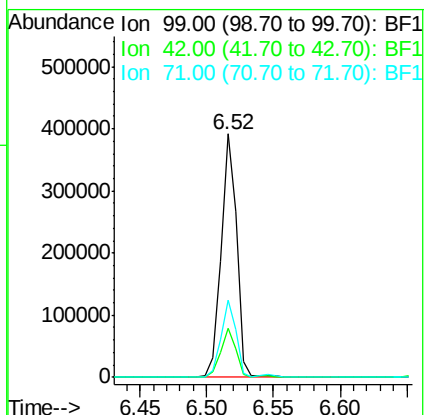
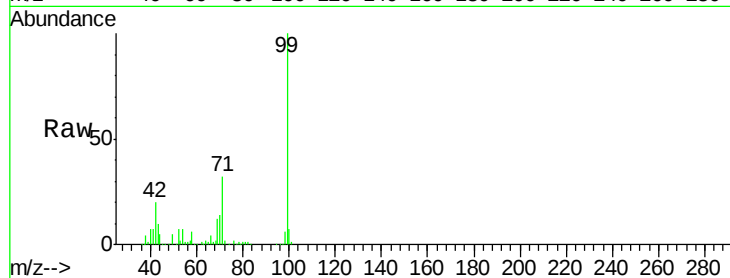
Tgt Ion: 99 Resp: 323451

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 31.8 25.4 38.0



#10

Phenol

Concen: 3.14 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

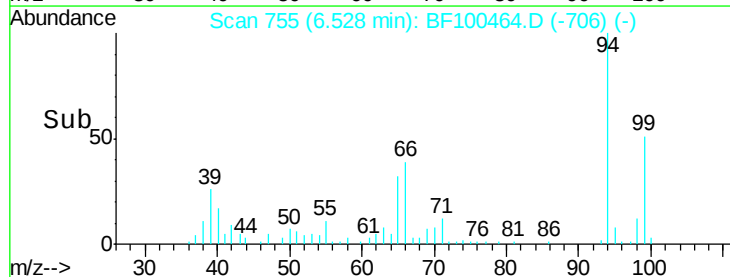
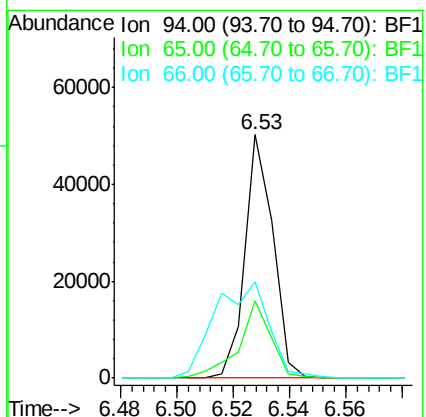
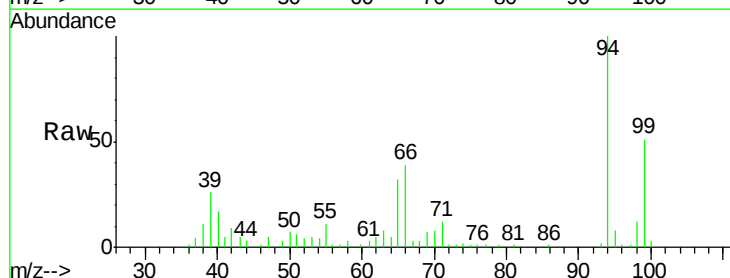
Tgt Ion: 94 Resp: 34591

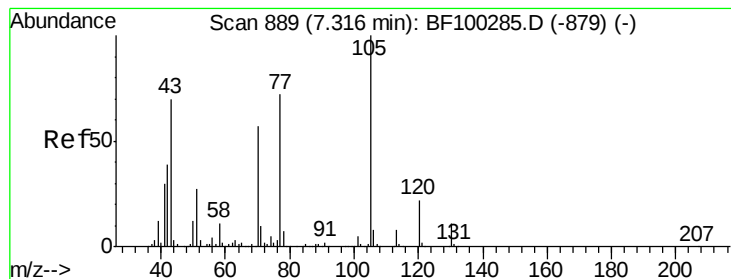
Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 39.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-B

Tgt Ion: 70 Resp: 109333

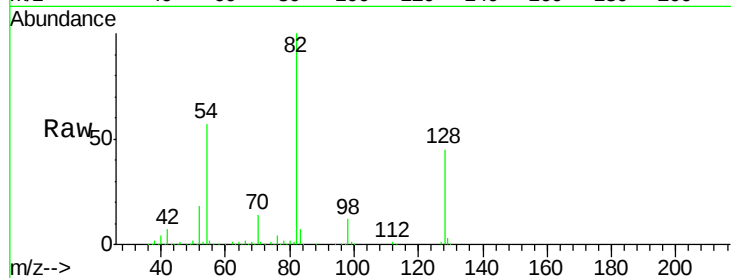
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

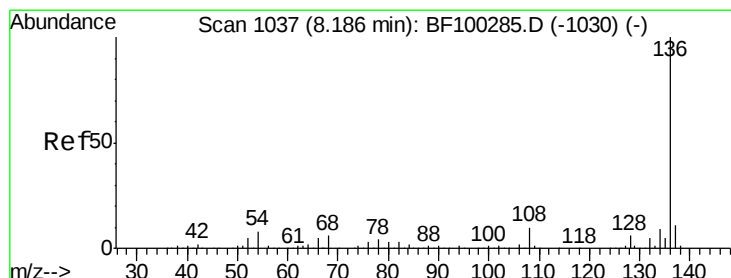
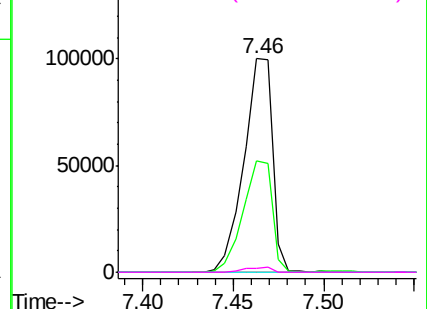
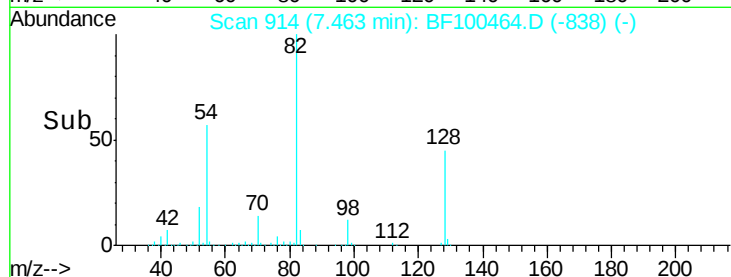


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

Tgt Ion: 136 Resp: 502195

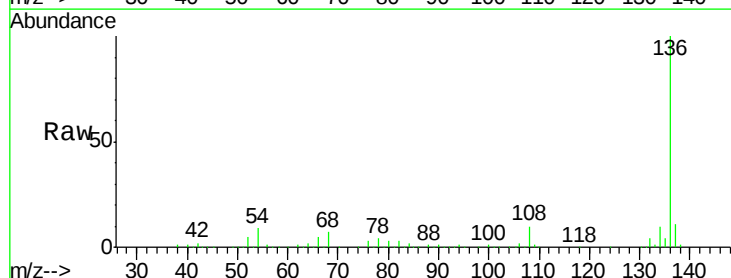
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

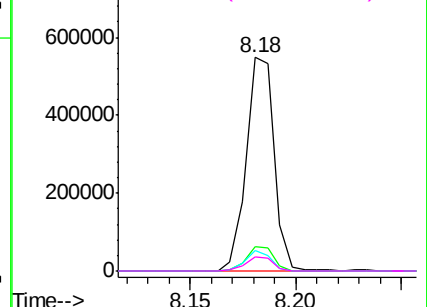
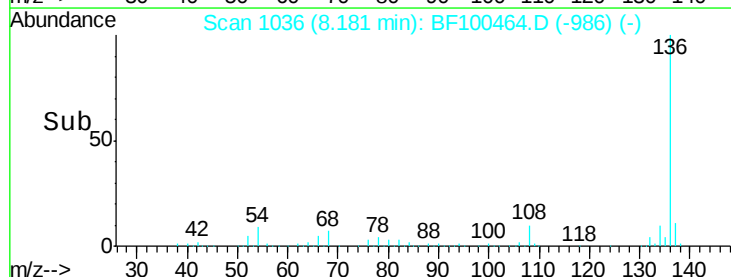


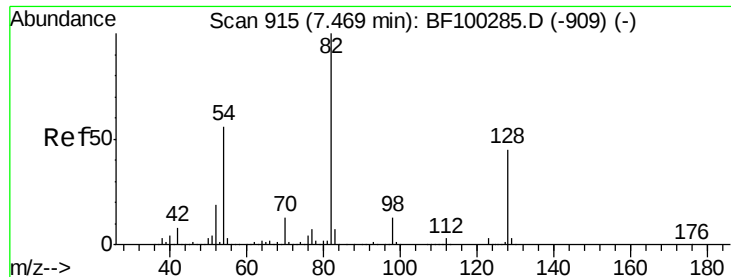
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

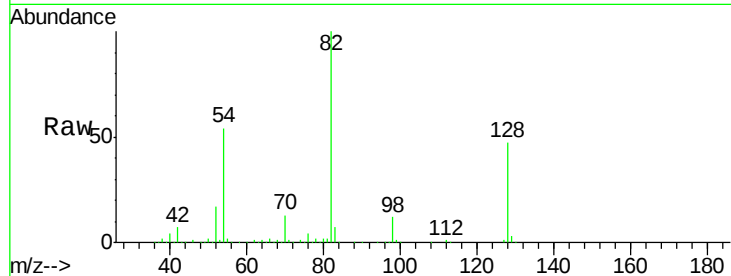




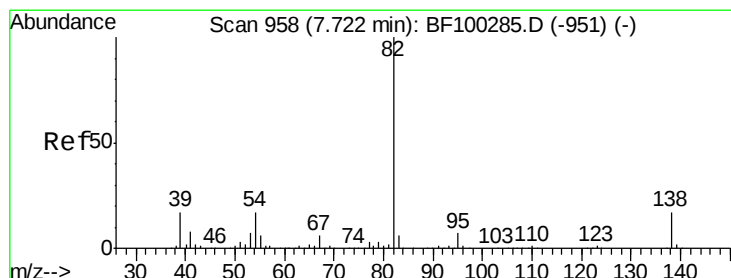
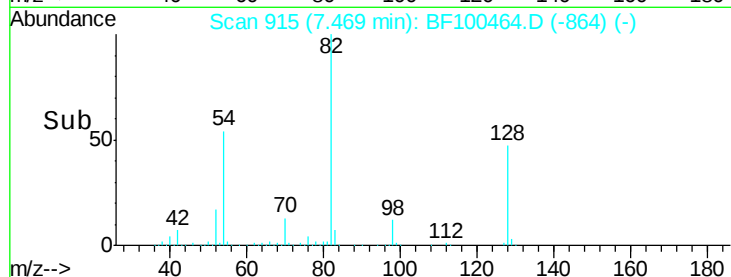
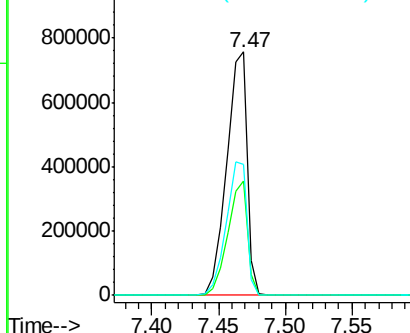
#23
Nitrobenzene-d5
Concen: 108.50 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100464.D
Acq: 12 Nov 2017 3:04

Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-B

Tgt Ion: 82 Resp: 824130
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 53.7 41.4 62.2

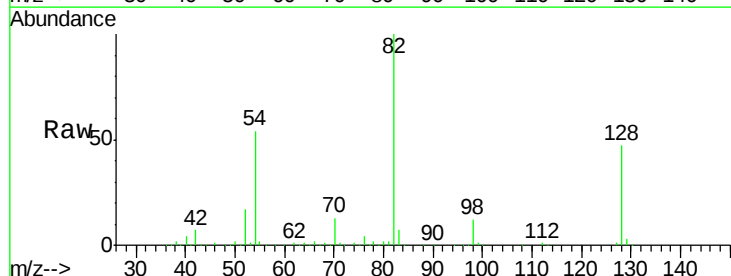


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

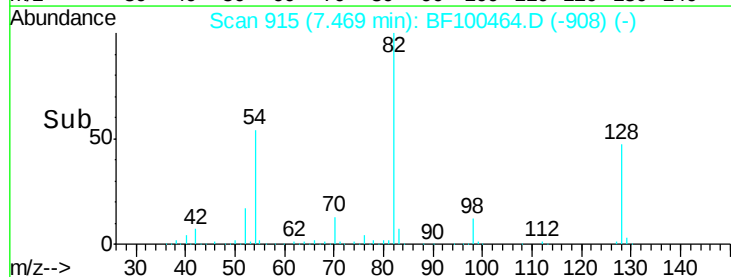
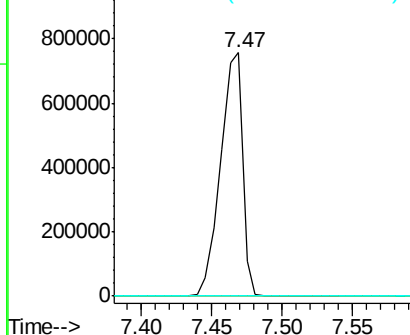


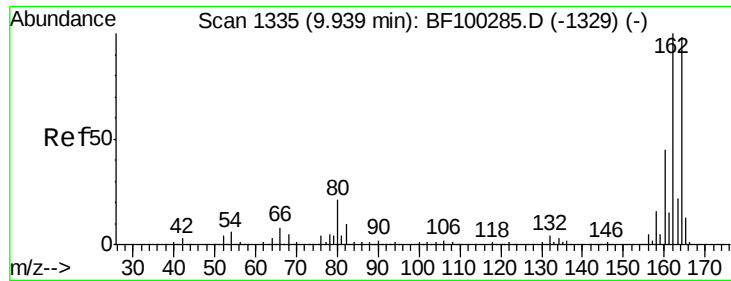
#25
Isophorone
Concen: 51.63 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100464.D
Acq: 12 Nov 2017 3:04

Tgt Ion: 82 Resp: 824124
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

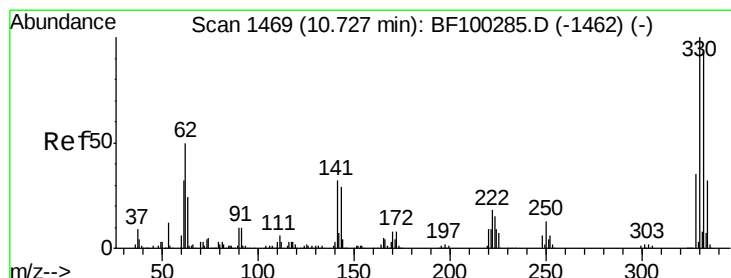
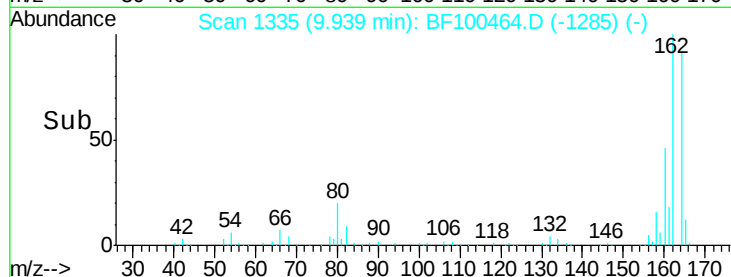
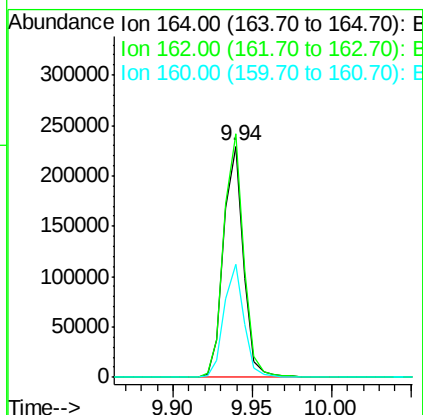
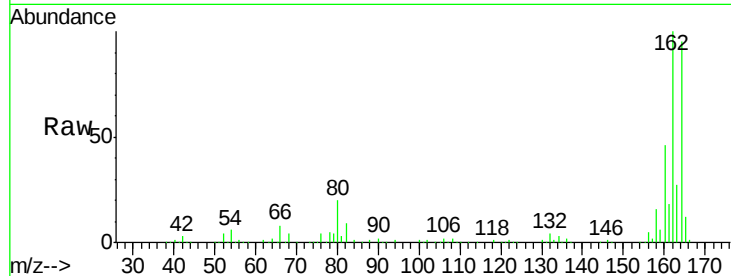




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

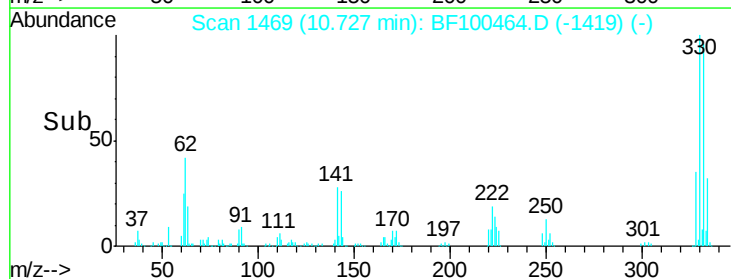
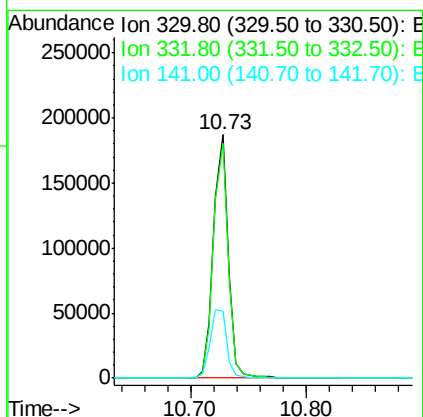
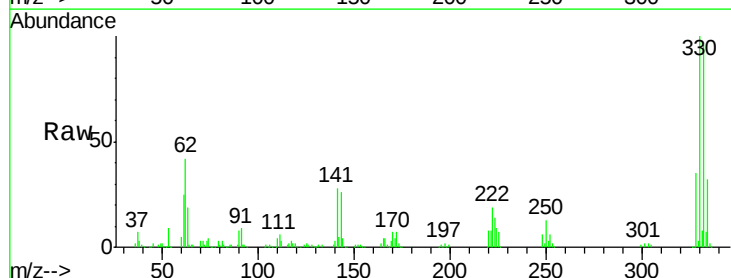
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-B

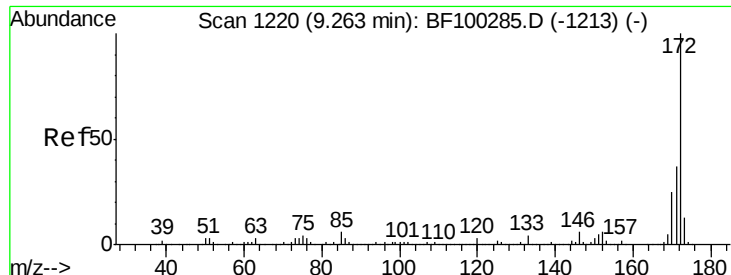
Tgt Ion:164 Resp: 199269
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 48.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.30 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Tgt Ion:330 Resp: 167119
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 31.3 29.9 44.9

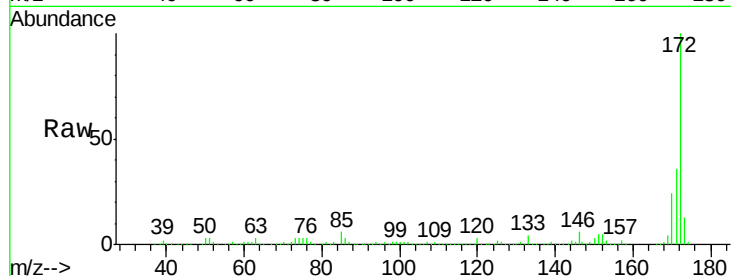




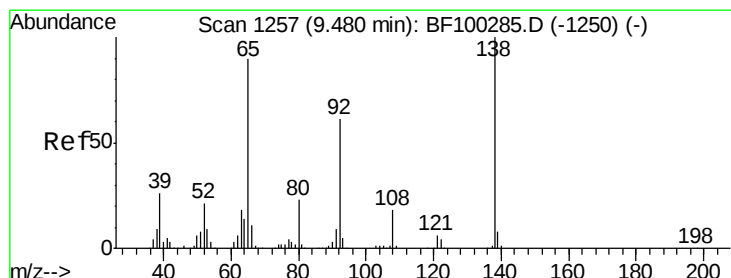
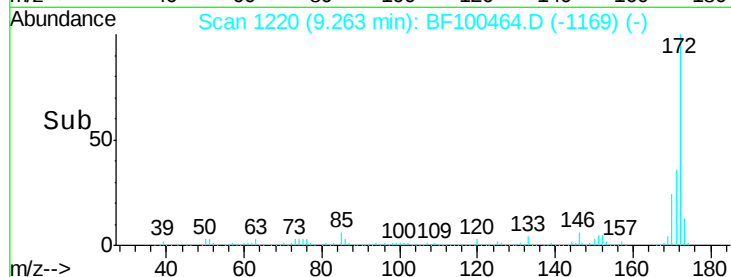
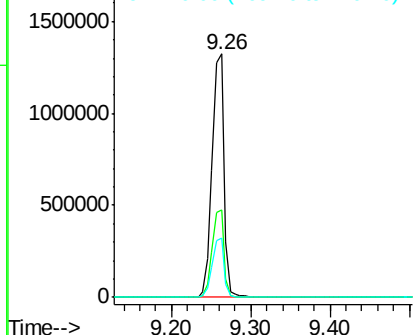
#44
 2-Fluorobiphenyl
 Concen: 106.03 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-B

Tgt Ion: 172 Resp: 1387556
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 19.6 29.4

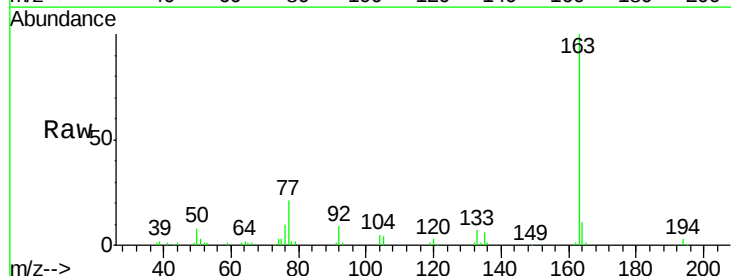


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

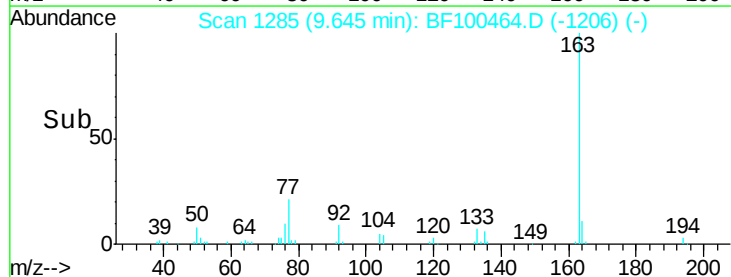
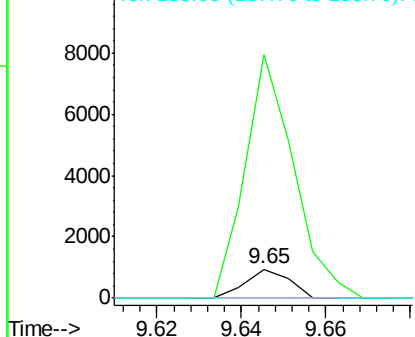


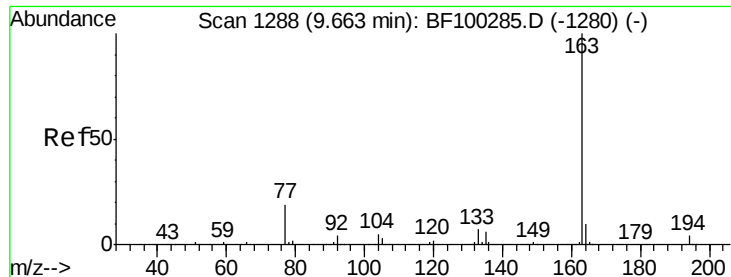
#47
 2-Nitroaniline
 Concen: 2.96 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Tgt Ion: 65 Resp: 686
 Ion Ratio Lower Upper
 65 100
 92 833.9 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

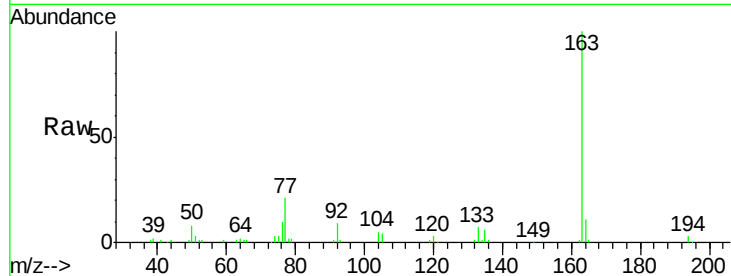




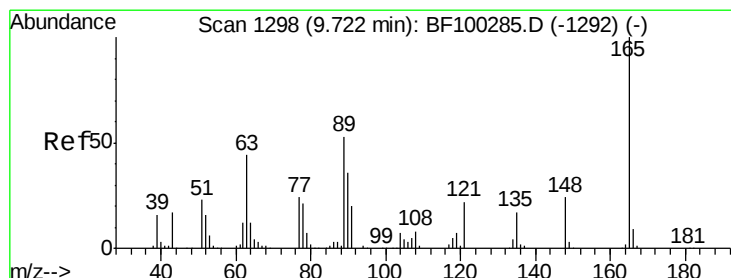
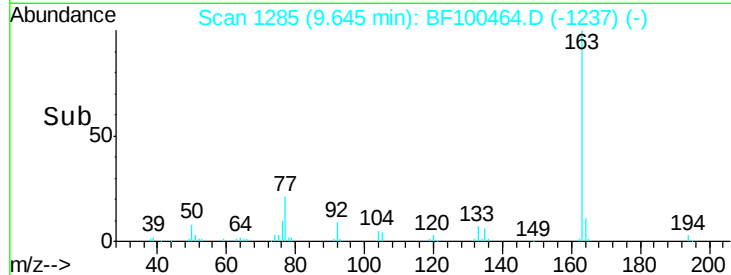
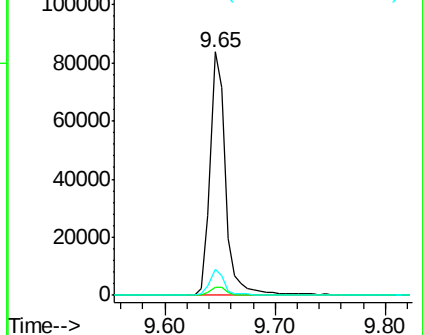
#49
Dimethylphthalate
Concen: 5.23 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100464.D
Acq: 12 Nov 2017 3:04

Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-B

Tgt Ion:163 Resp: 79601
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

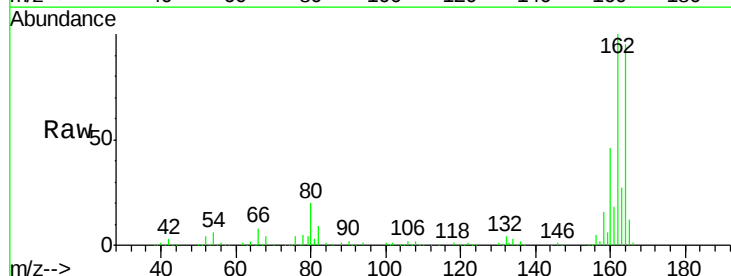


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

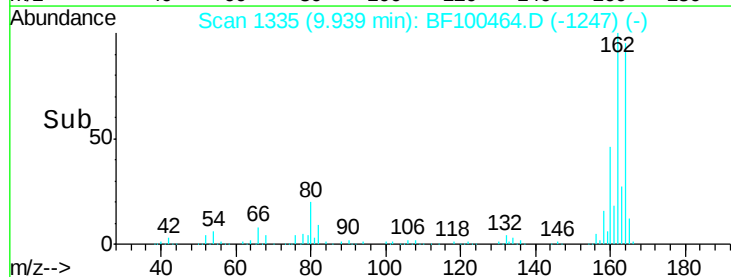
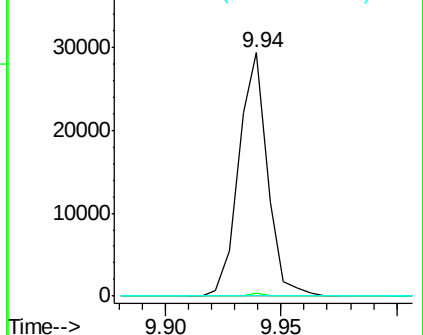


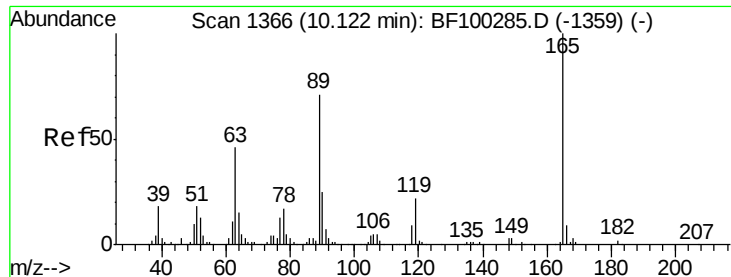
#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100464.D
Acq: 12 Nov 2017 3:04

Tgt Ion:165 Resp: 25433
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 0.0 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

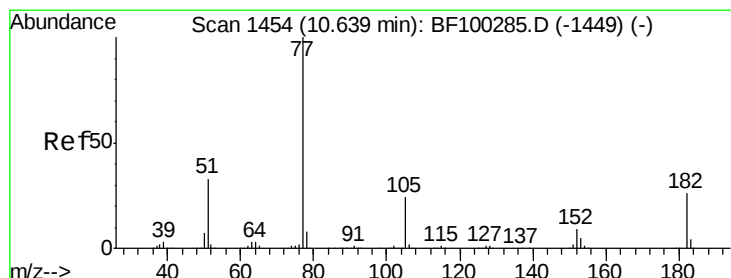
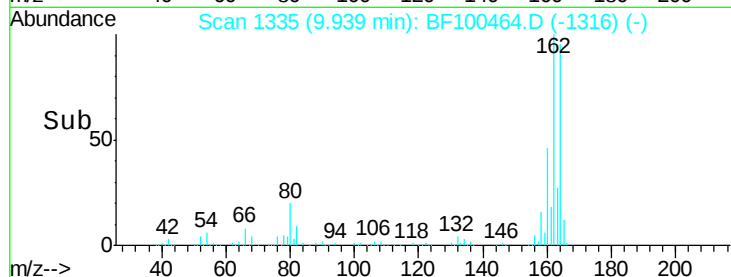
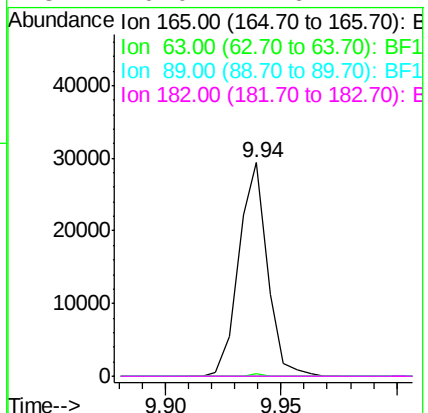
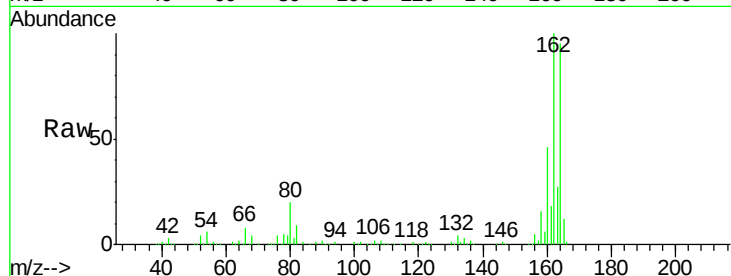




#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

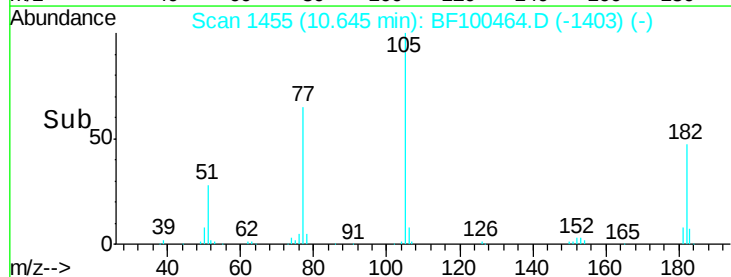
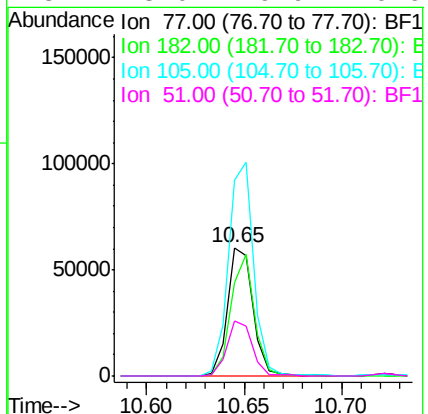
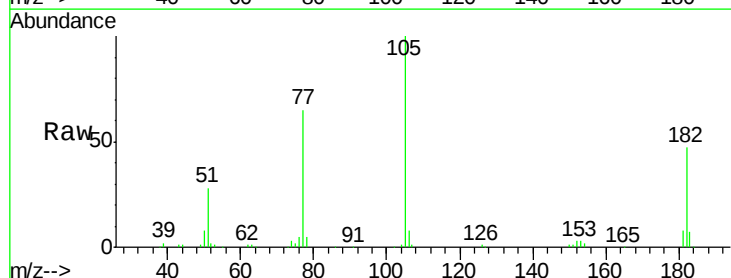
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-B

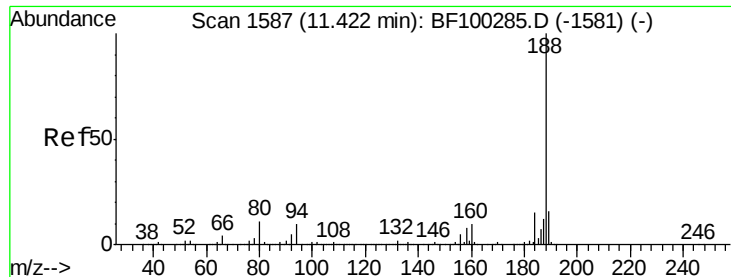
Tgt Ion:	165	Resp:	25433
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 3.82 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Tgt Ion:	77	Resp:	54732
Ion Ratio	Lower	Upper	
77	100		
182	72.6	1.7	41.7#
105	153.5	3.0	43.0#
51	43.0	9.9	49.9

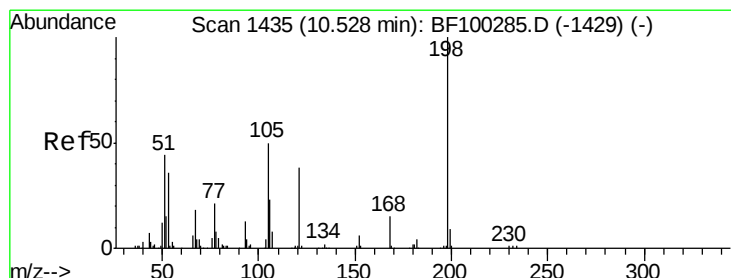
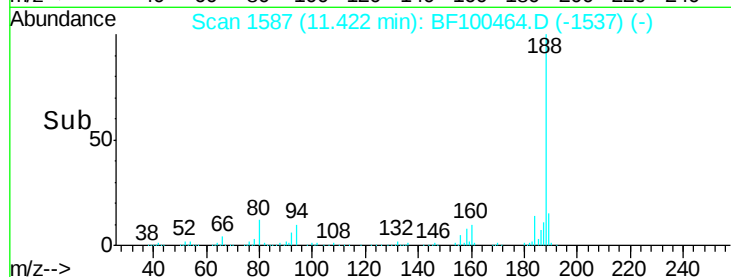
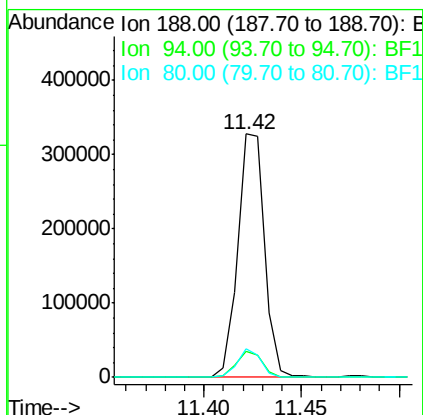
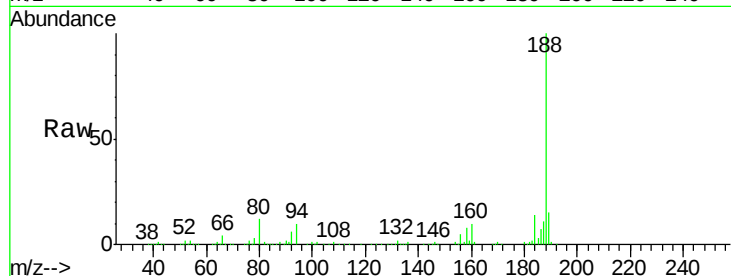




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

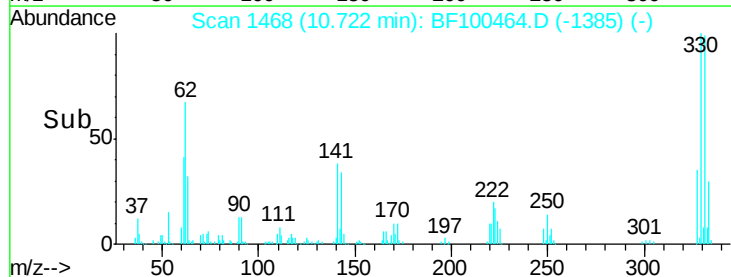
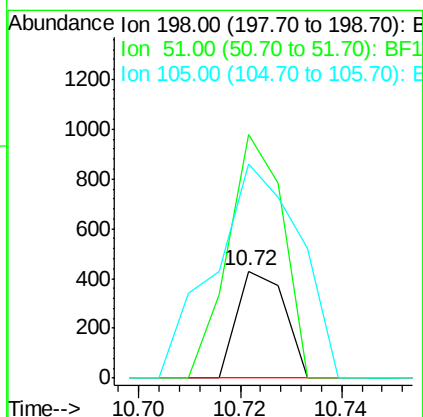
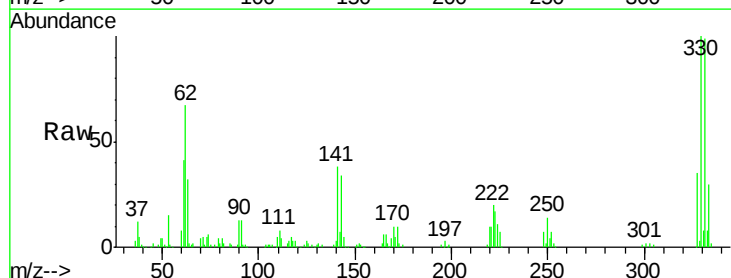
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-B

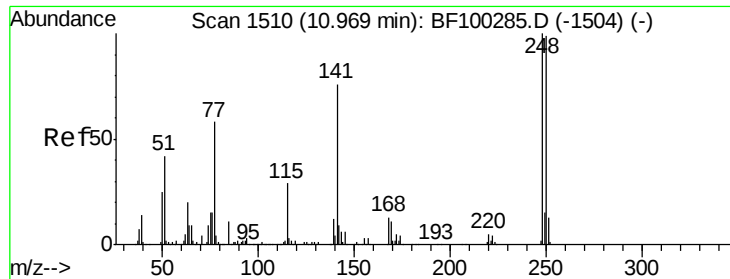
Tgt Ion:188 Resp: 311408
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.72 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Tgt Ion:198 Resp: 283
 Ion Ratio Lower Upper
 198 100
 51 228.0 37.7 77.7#
 105 200.0 36.3 76.3#

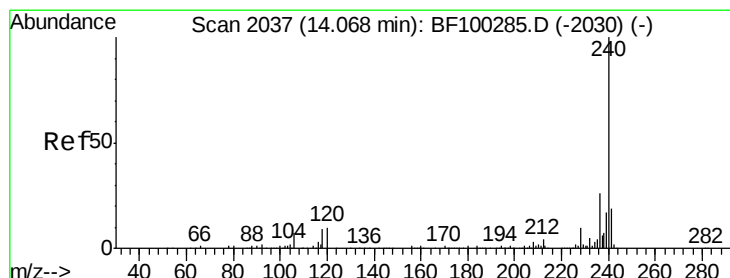
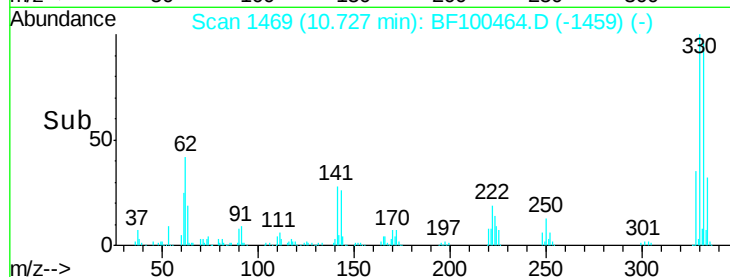
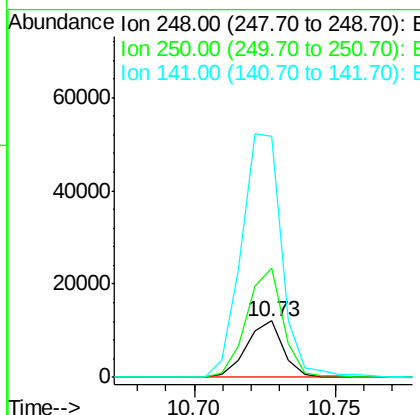
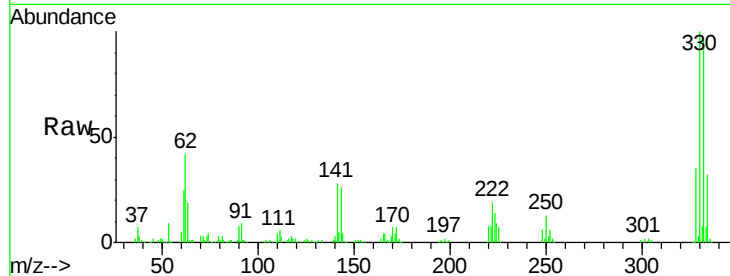




#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

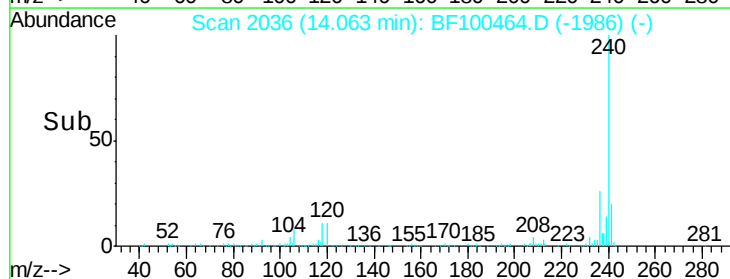
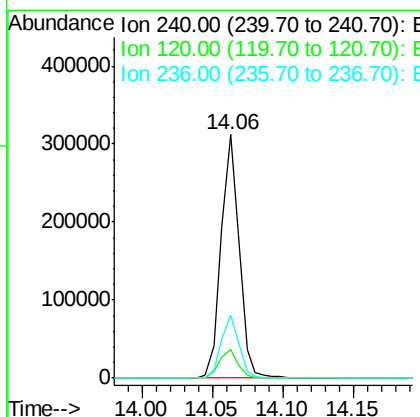
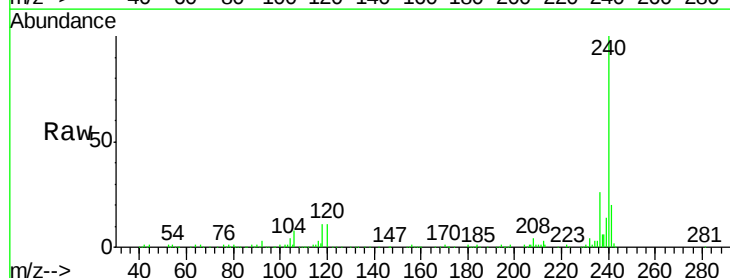
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-B

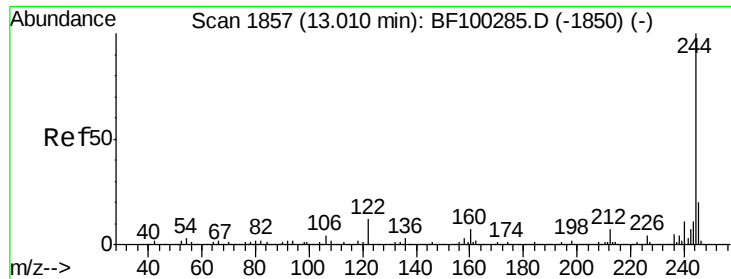
Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.0	76.9	115.3#
141	427.3	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100464.D
 Acq: 12 Nov 2017 3:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 80.06 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-B

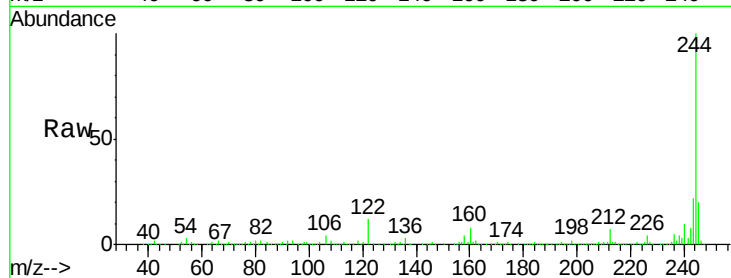
Tgt Ion:244 Resp: 972317

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

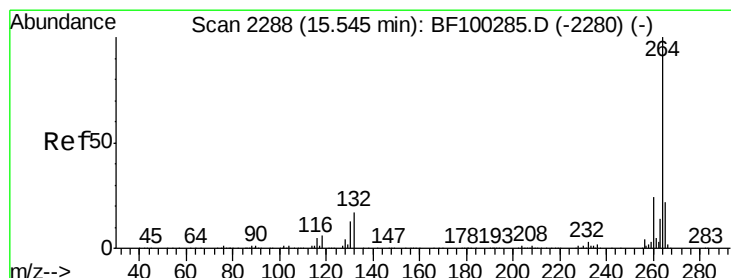
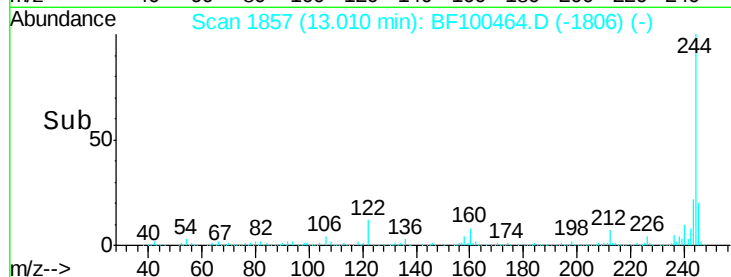
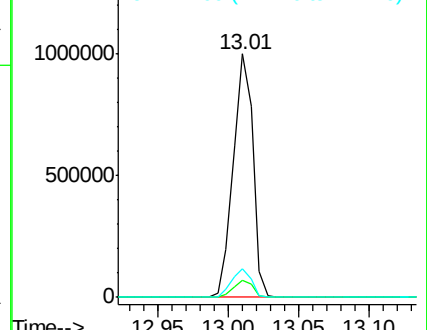
122 11.9 11.0 16.4



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: 20.00 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100464.D

Acq: 12 Nov 2017 3:04

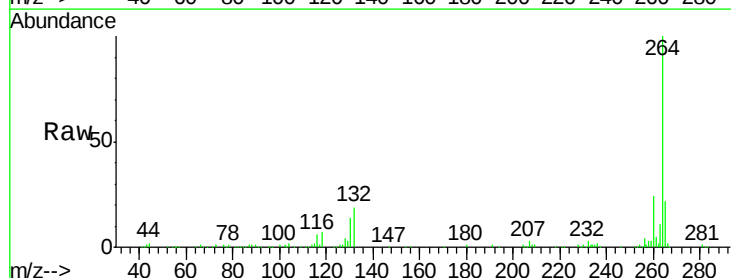
Tgt Ion:264 Resp: 199118

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

