

Data File : BF100555.D
Acq On : 14 Nov 2017 20:57
Operator : SJ/JU
Sample : I6307-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Quant Time: Nov 15 00:57:01 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	6.89	152	109393	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	380931	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	137088	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	247108	20.00	ng	0.00
75) Chrysene-d12	14.04	240	254431	20.00	ng	0.00
86) Perylene-d12	15.52	264	173289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	54783	8.03	ng	0.00
7) Phenol-d6	6.50	99	67663	8.04	ng	-0.01
23) Nitrobenzene-d5	7.44	82	34811	6.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	9437	6.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	63733	7.08	ng	0.00
78) Terphenyl-d14	12.99	244	57344	5.18	ng	0.00
Target Compounds						Qvalue
47) 2-Nitroaniline	9.47	65	125	2.83	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	18843	9.09	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18843	7.21	ng	# 21

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

Data File : BF100555.D

Acq On : 14 Nov 2017 20:57

Operator : SJ/JU

Sample : I6307-03 10X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

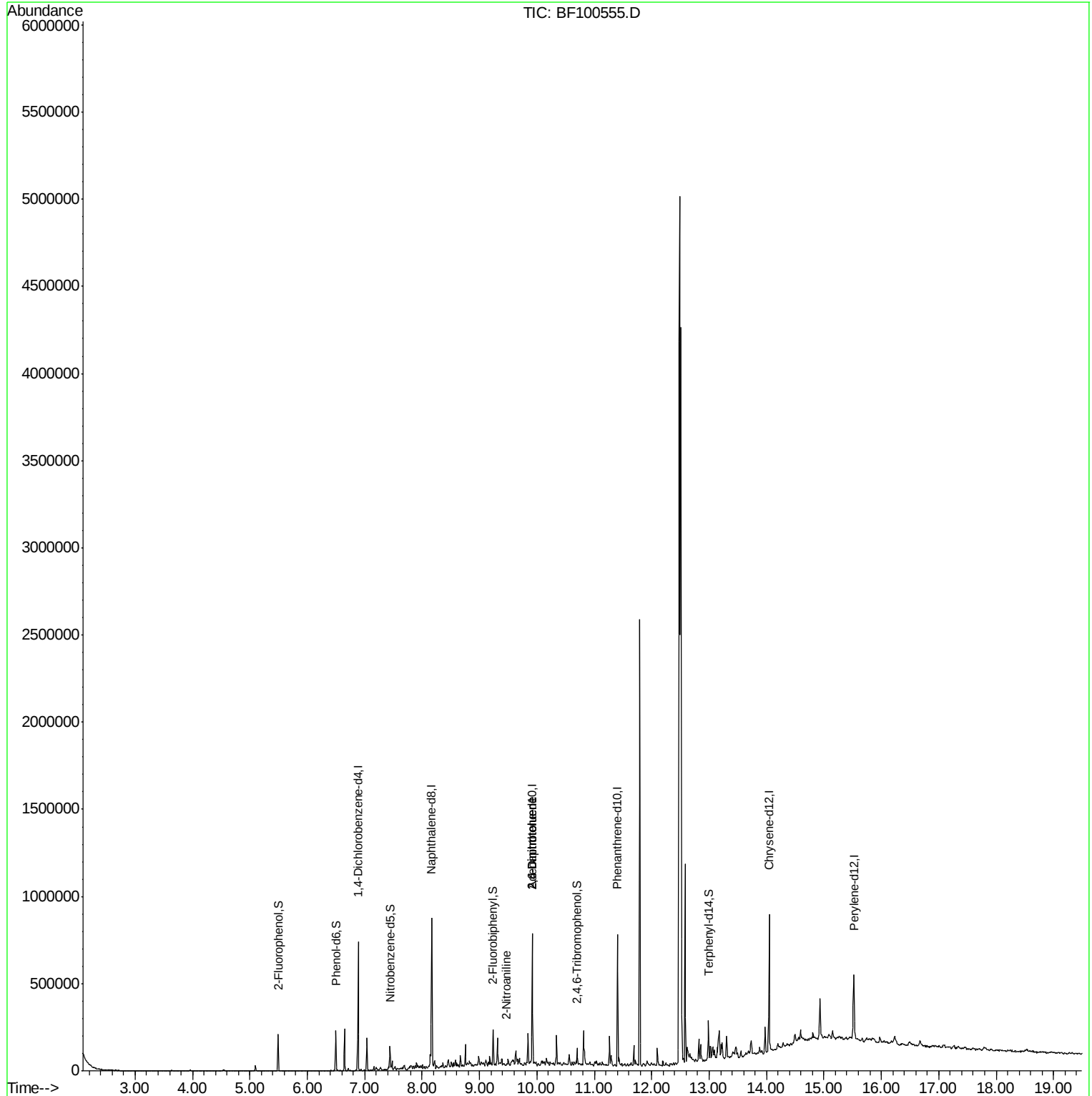
Quant Time: Nov 15 00:57:01 2017

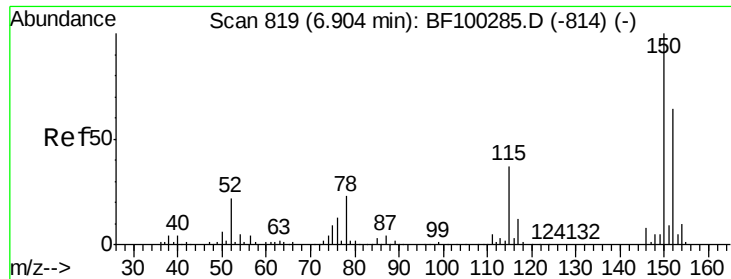
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 14 14:17:16 2017

Response via : Initial Calibration

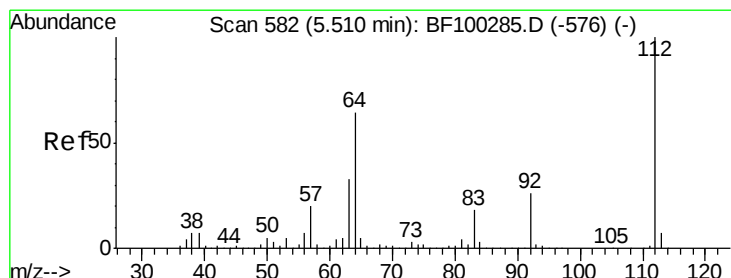
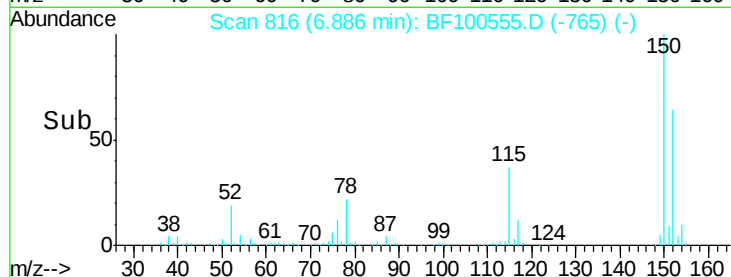
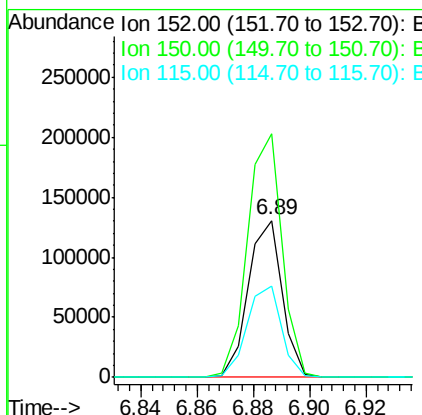
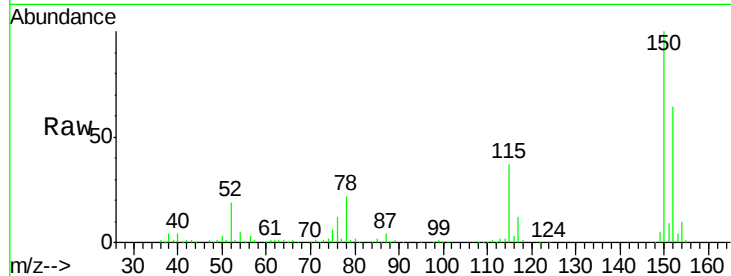




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

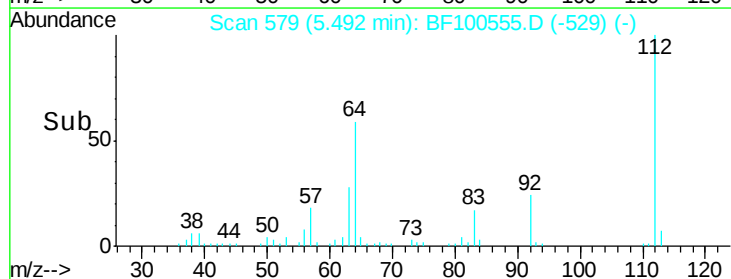
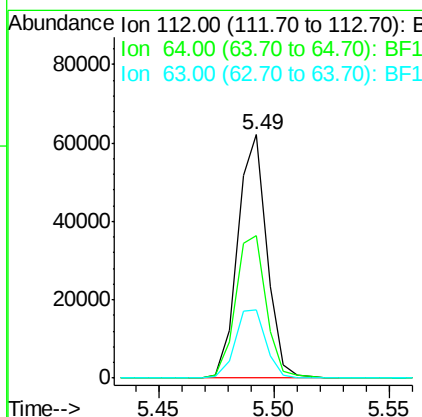
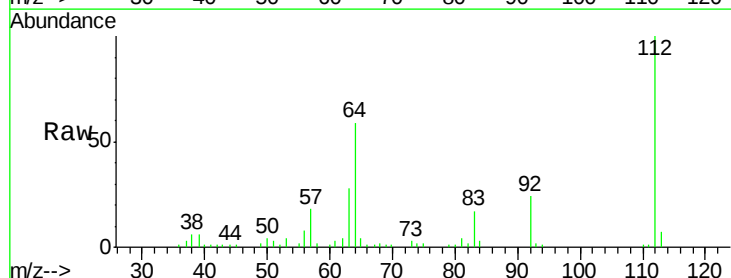
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

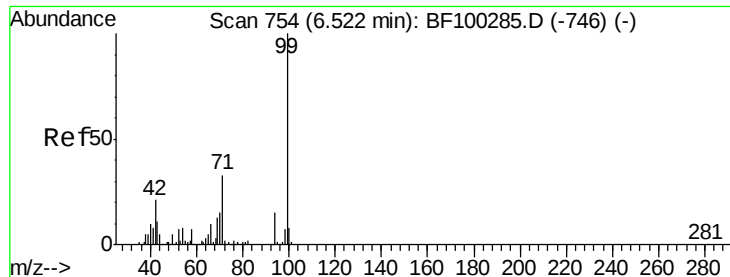
Tgt Ion:152 Resp: 109393
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 57.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 8.03 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

Tgt Ion:112 Resp: 54783
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 8.04 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

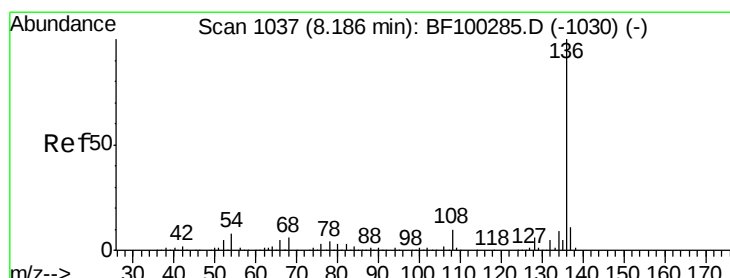
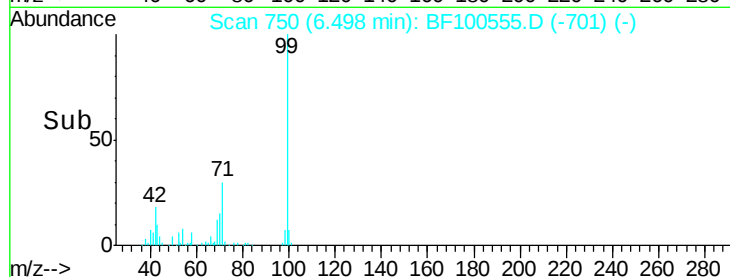
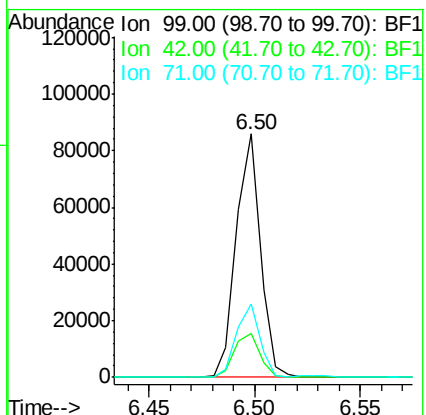
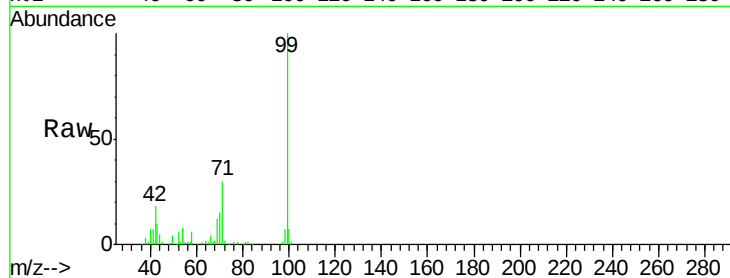
Tgt Ion: 99 Resp: 67663

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 30.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Tgt Ion: 136 Resp: 380931

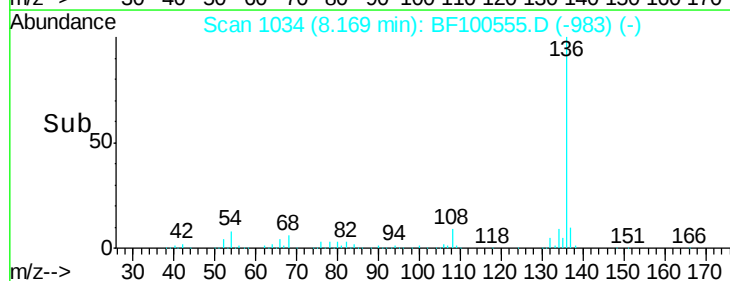
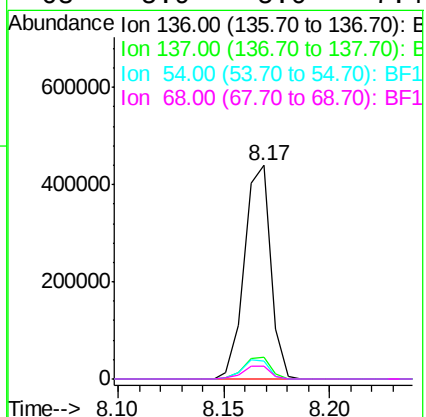
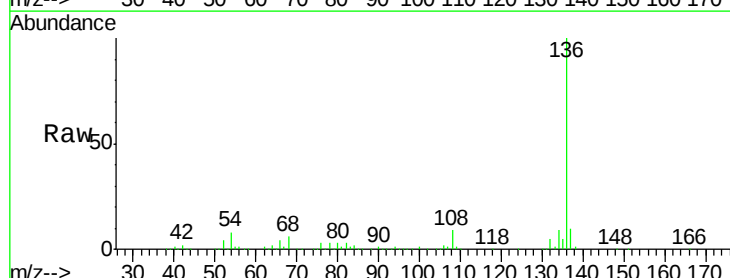
Ion Ratio Lower Upper

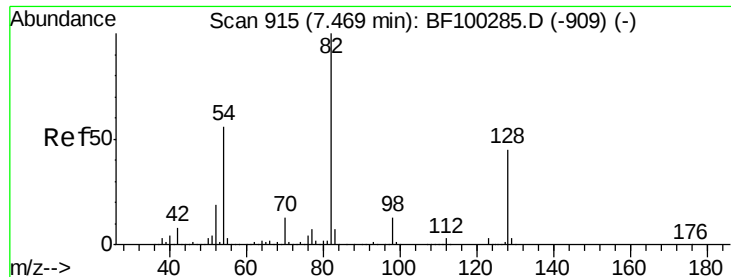
136 100

137 10.4 8.9 13.3

54 8.1 6.6 9.8

68 5.9 5.0 7.4

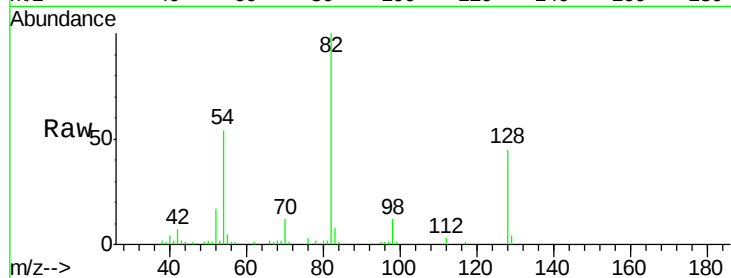




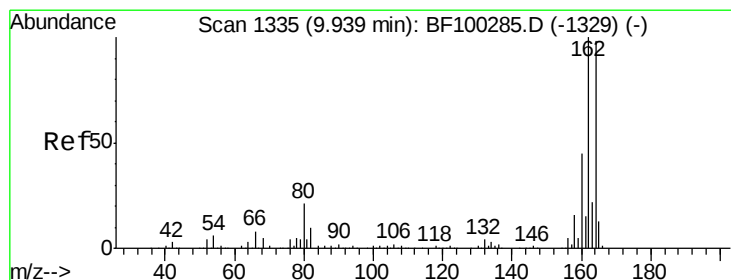
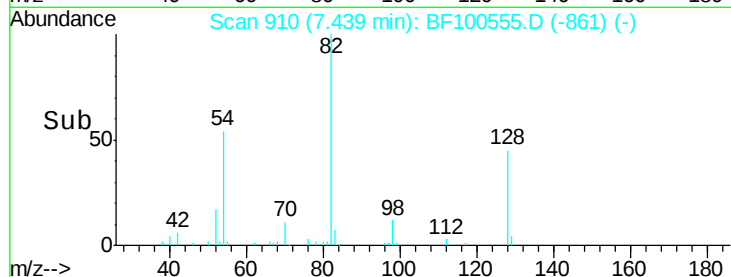
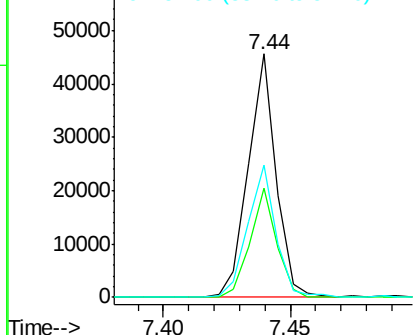
#23
Nitrobenzene-d5
Concen: 6.04 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tgt Ion: 82 Resp: 34811
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 54.2 41.4 62.2

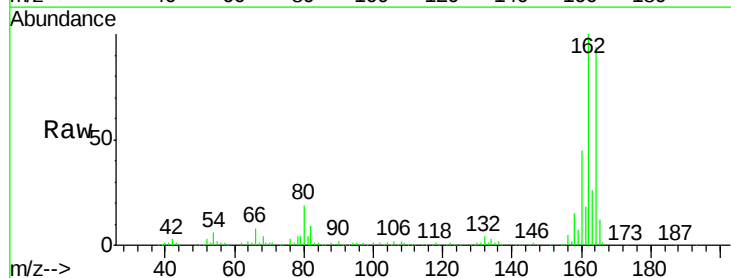


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

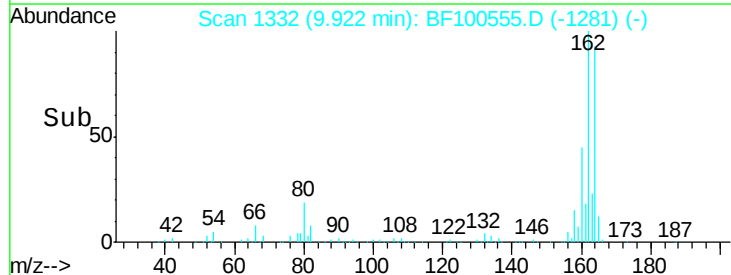
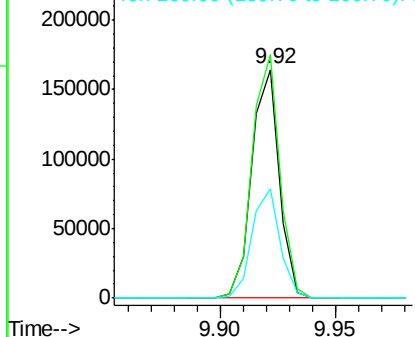


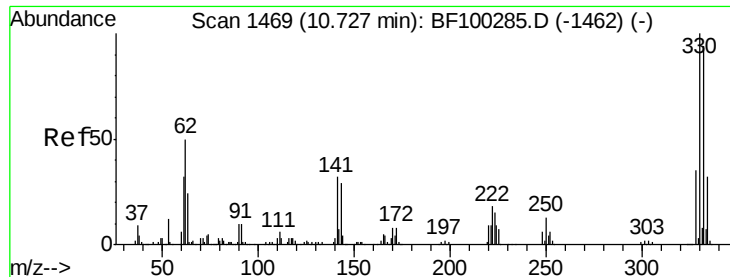
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Tgt Ion: 164 Resp: 137088
Ion Ratio Lower Upper
164 100
162 106.7 86.1 129.1
160 47.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

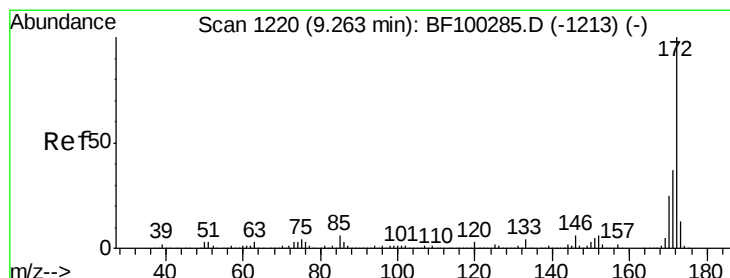
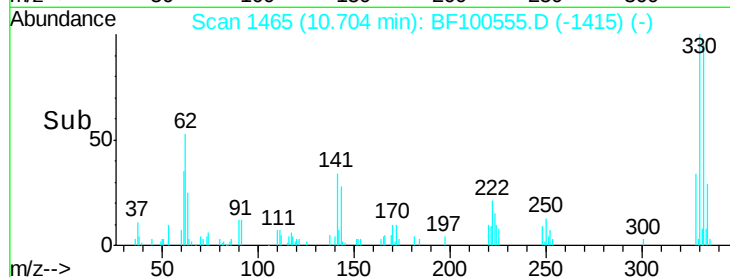
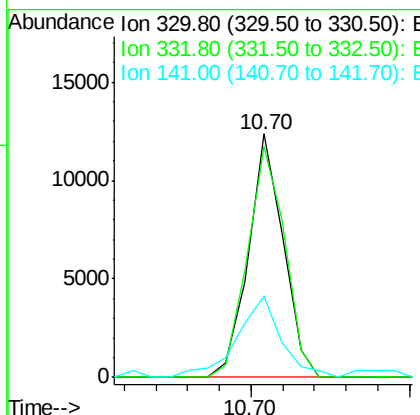
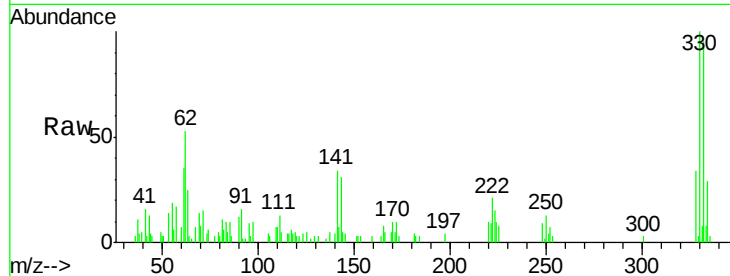




#41
 2,4,6-Tribromophenol
 Concen: 6.76 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

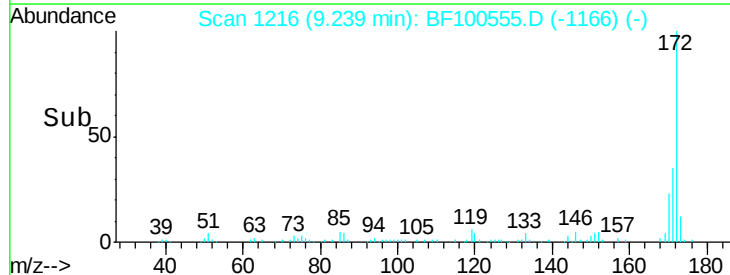
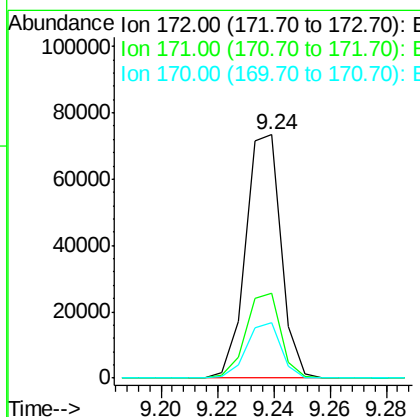
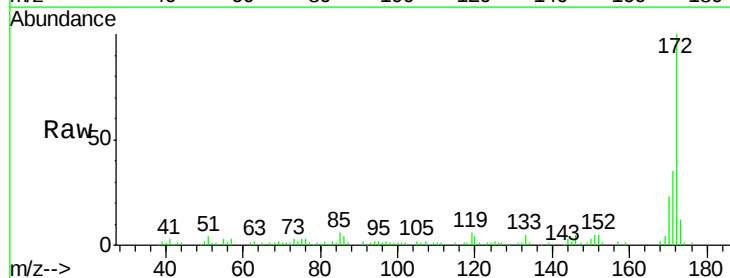
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

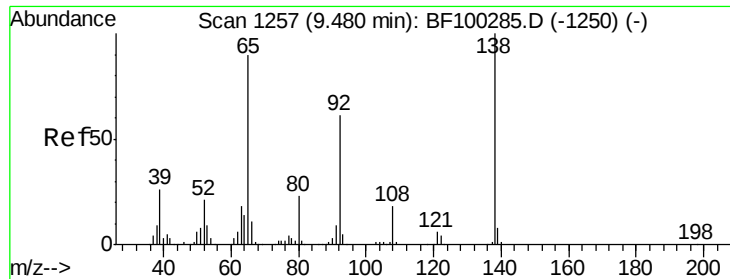
Tgt Ion: 330 Resp: 9437
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 42.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 7.08 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

Tgt Ion: 172 Resp: 63733
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.6 19.6 29.4

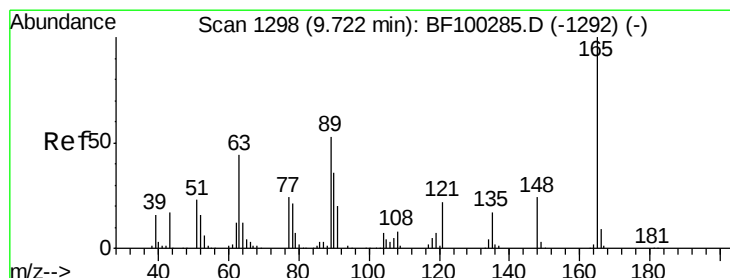
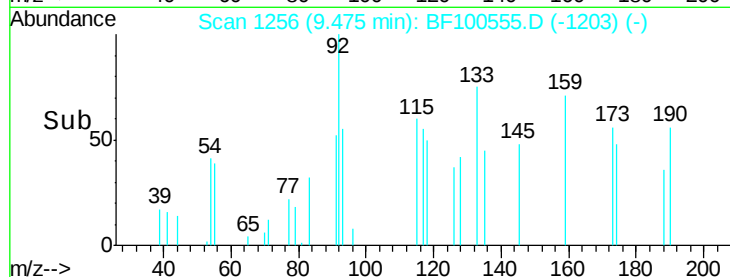
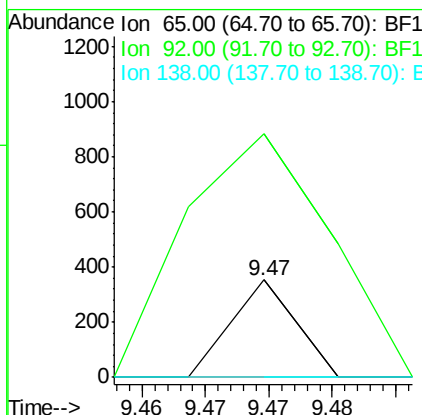
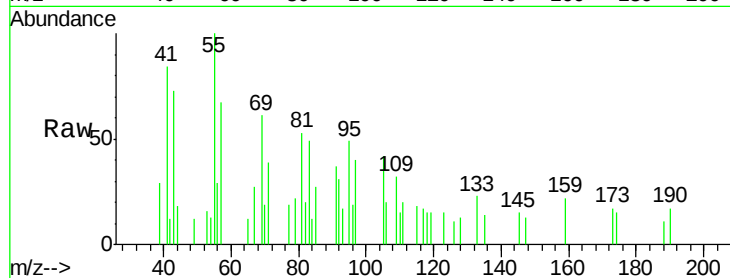




#47
 2-Nitroaniline
 Concen: 2.83 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

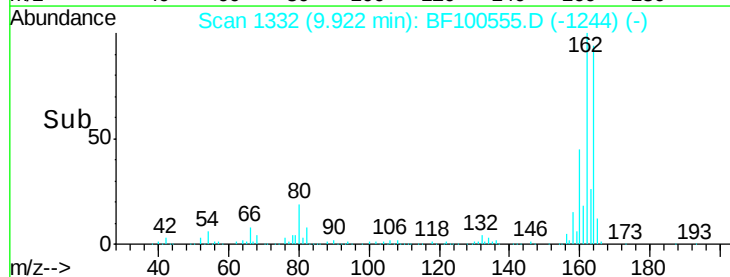
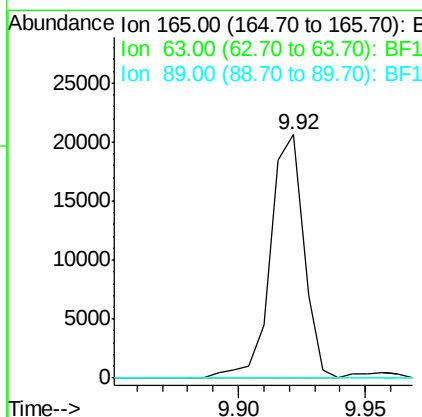
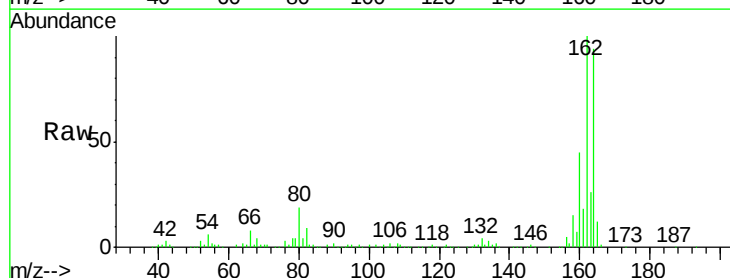
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

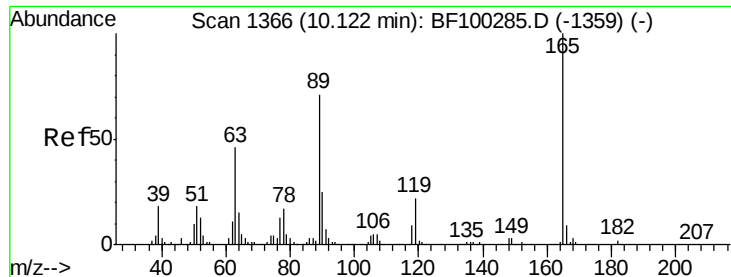
Tgt Ion	Ratio	Lower	Upper
65	100		
92	250.1	55.8	83.6#
138	0.0	91.2	136.8#



#50
 2,6-Dinitrotoluene
 Concen: 9.09 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

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

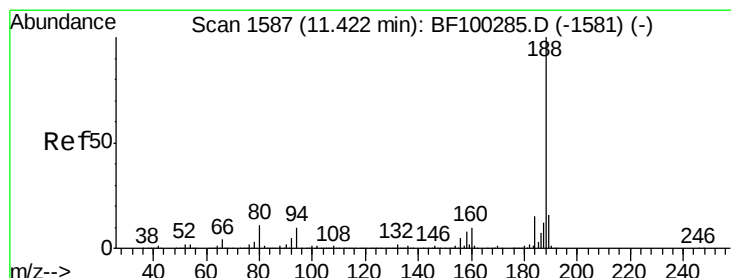
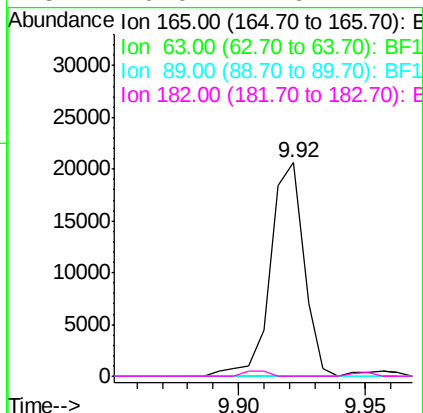
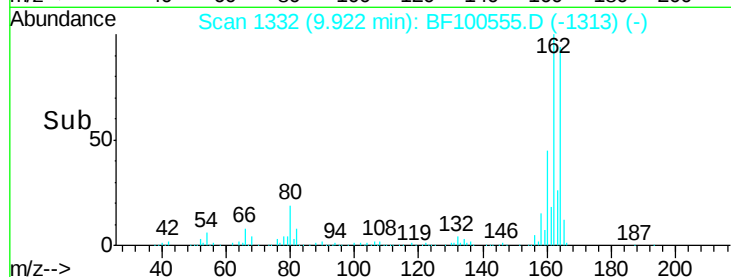
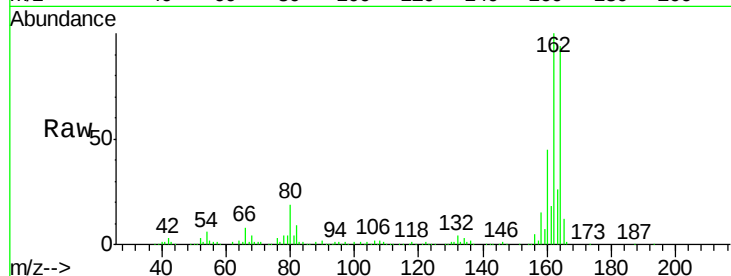




#56
 2,4-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

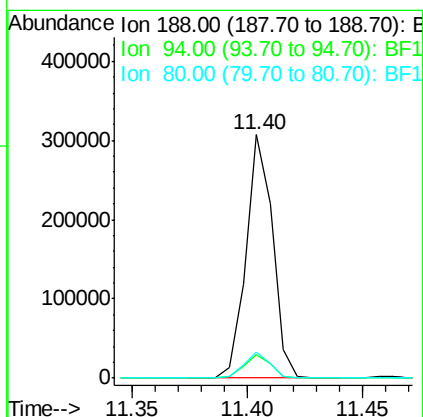
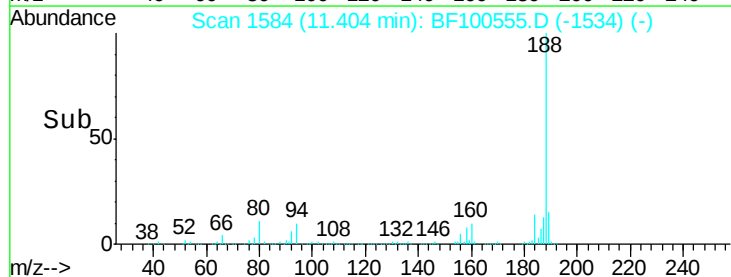
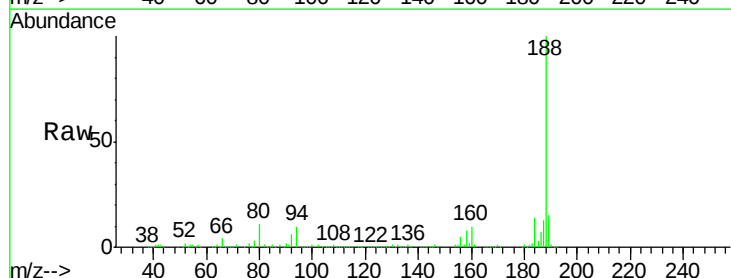
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

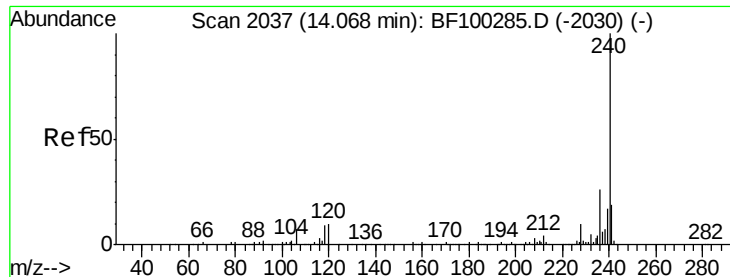
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

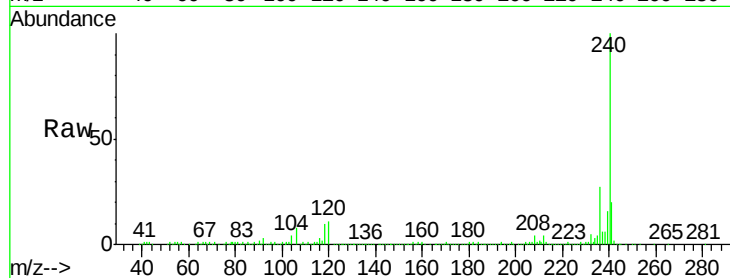
Tgt Ion:240 Resp: 254431

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

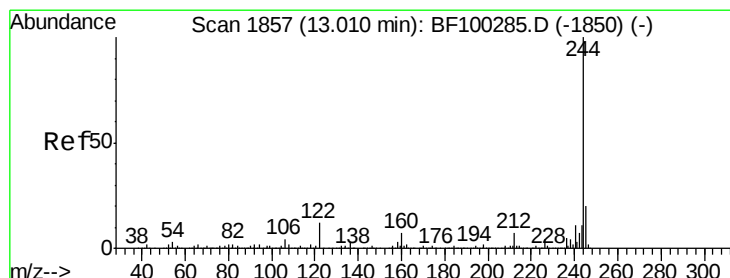
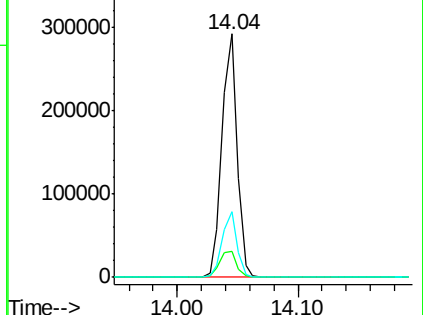
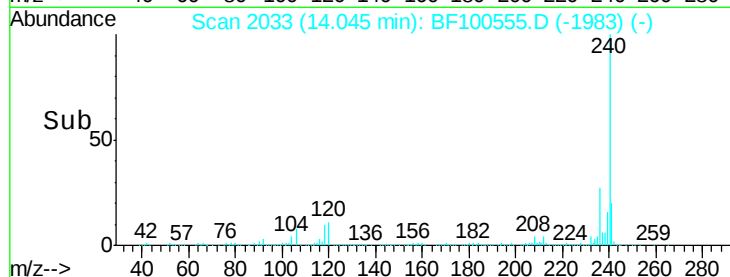
236 26.9 20.7 31.1



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: 5.18 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

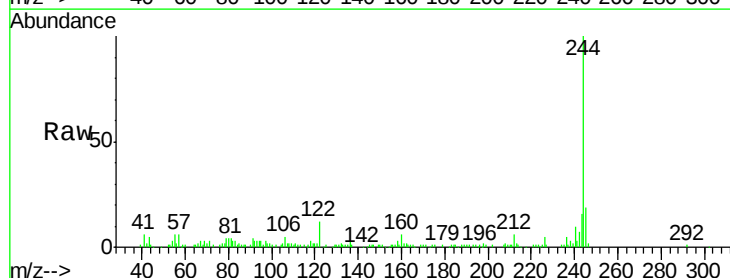
Tgt Ion:244 Resp: 57344

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

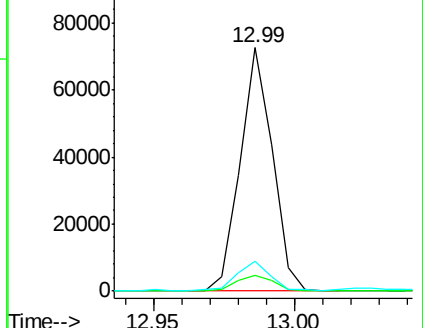
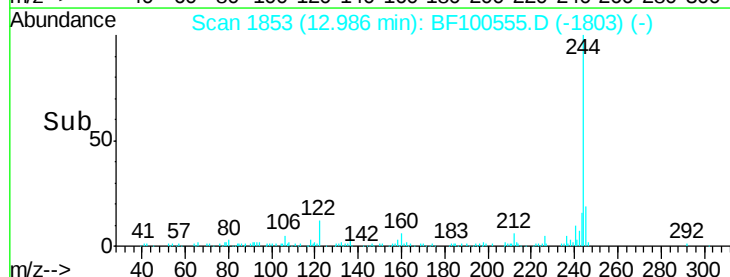
122 12.1 11.0 16.4

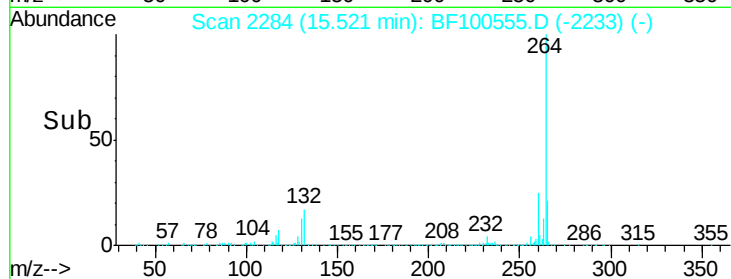
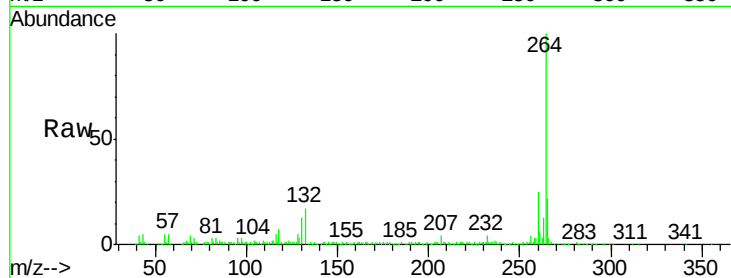
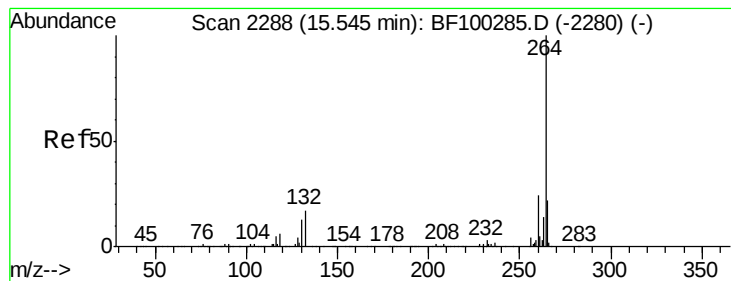


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

Tgt Ion:264 Resp: 173289

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.5 17.5 26.3

