

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101938.D
 Acq On : 5 Jan 2018 19:02
 Operator : SJ/JU
 Sample : J1027-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

Quant Time: Jan 05 21:59:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

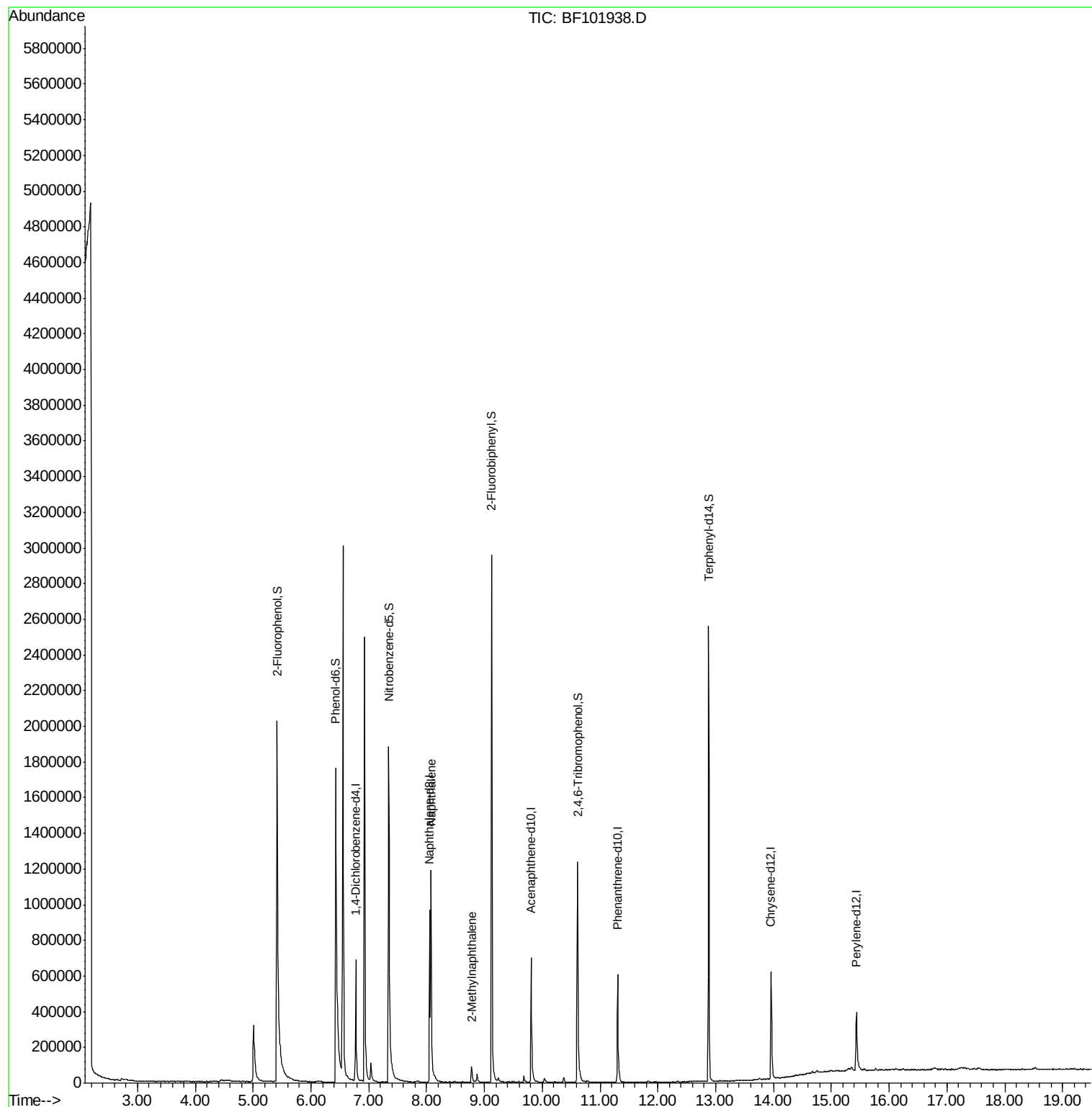
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	123113	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	448782	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	160857	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	259630	20.00	ng	0.00
75) Chrysene-d12	13.96	240	261074	20.00	ng	0.00
86) Perylene-d12	15.43	264	207914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1068699	129.30	ng	0.01
7) Phenol-d6	6.43	99	1132982	110.15	ng	0.00
23) Nitrobenzene-d5	7.35	82	837286	103.85	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	175948	113.52	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1120607	108.07	ng	0.00
78) Terphenyl-d14	12.88	244	879250	81.19	ng	0.00
Target Compounds						
31) Naphthalene	8.07	128	614269	27.188	ng	99
37) 2-Methylnaphthalene	8.78	142	35316	2.399	ng	94

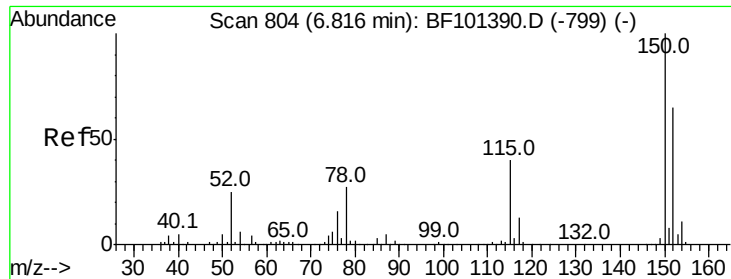
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101938.D
Acq On : 5 Jan 2018 19:02
Operator : SJ/JU
Sample : J1027-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251678

Quant Time: Jan 05 21:59:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 12:29:26 2018
Response via : Initial Calibration



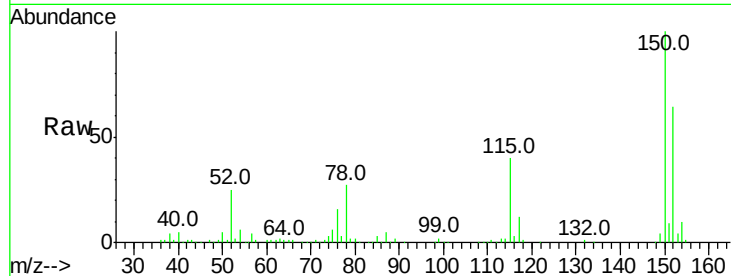


#1

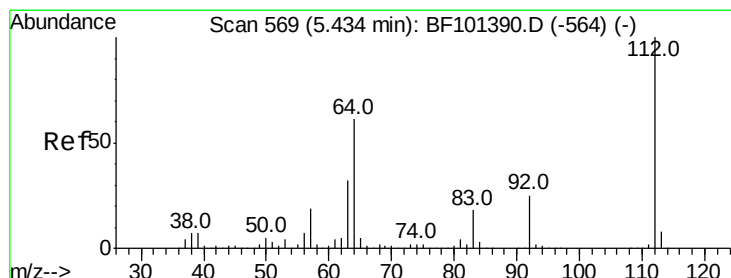
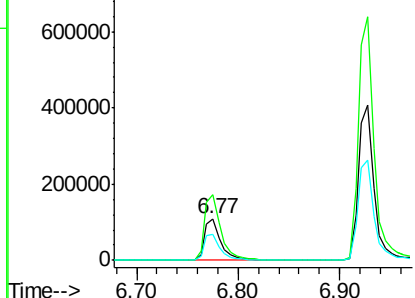
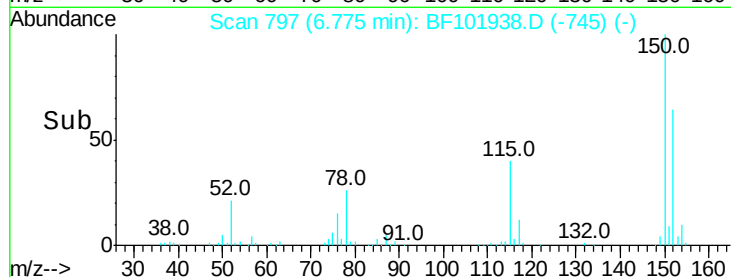
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101938.D
Acq: 5 Jan 2018 19:02

Instrument :
BNA_F
ClientSampleId :
RBR251678

Tot Ion:152 Resp: 123113
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.5 50.1 75.1



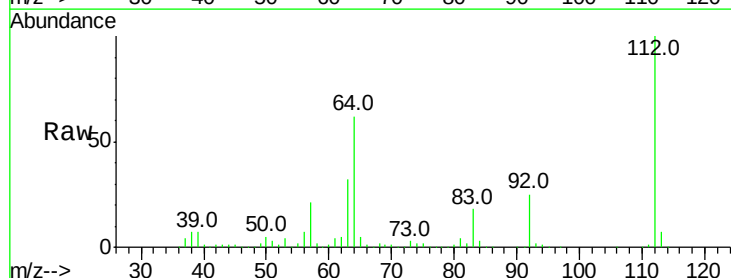
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



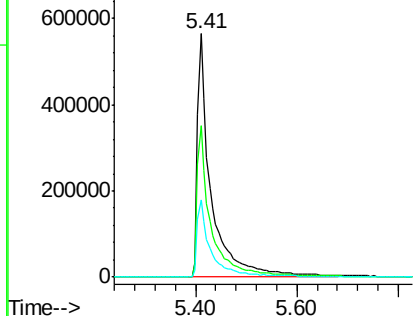
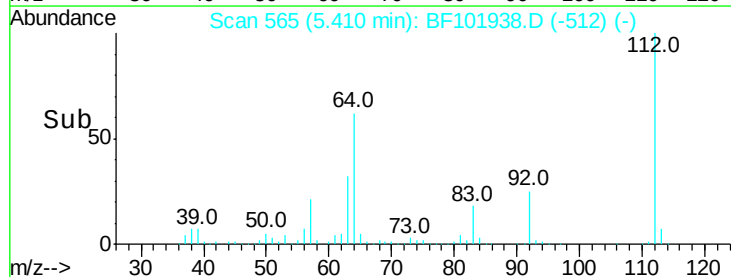
#5

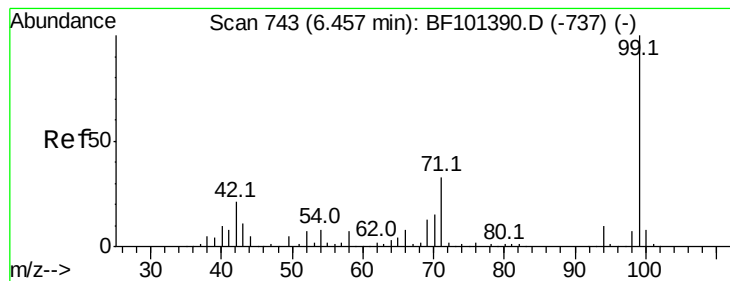
2-Fluorophenol
Concen: 129.305 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101938.D
Acq: 5 Jan 2018 19:02

Tgt Ion:112 Resp: 1068699
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.6 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: 110.147 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF101938.D

Acq: 5 Jan 2018 19:02

Instrument :

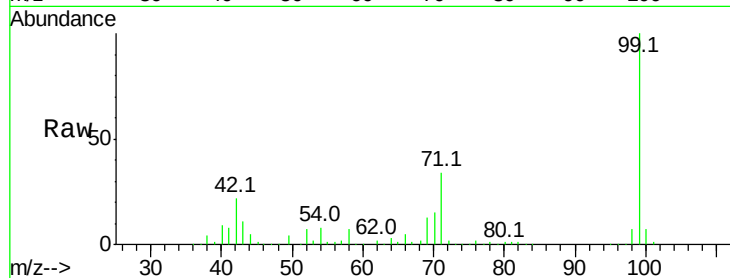
BNA_F

ClientSampleId :

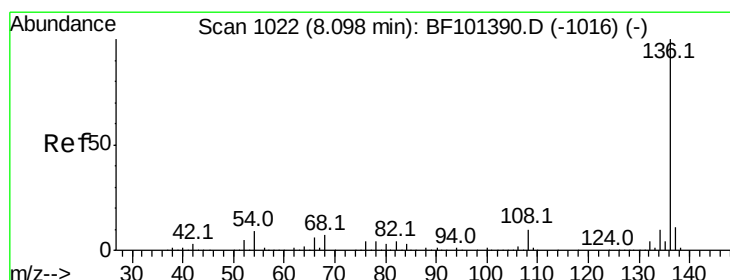
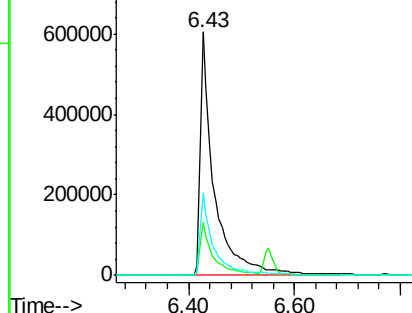
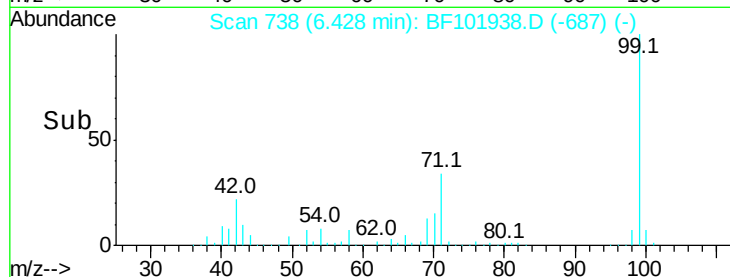
RBR251678

Tot Ion: 99 Resp: 1132982

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	34.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

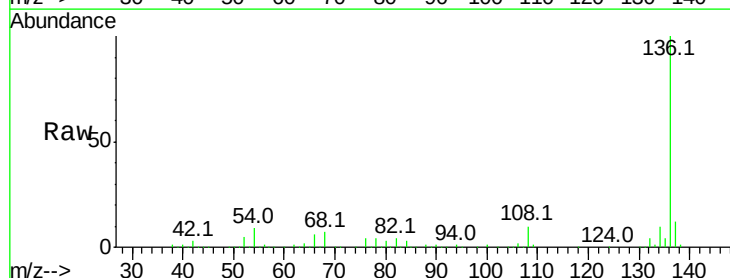
Delta R.T. 0.00 min

Lab File: BF101938.D

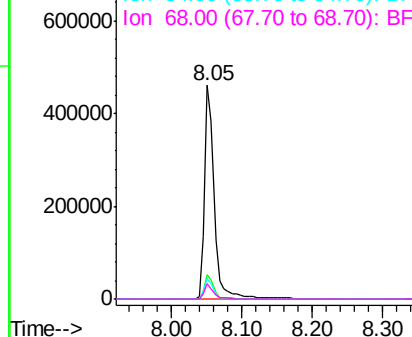
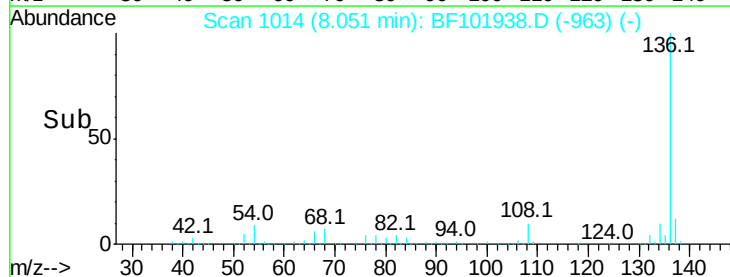
Acq: 5 Jan 2018 19:02

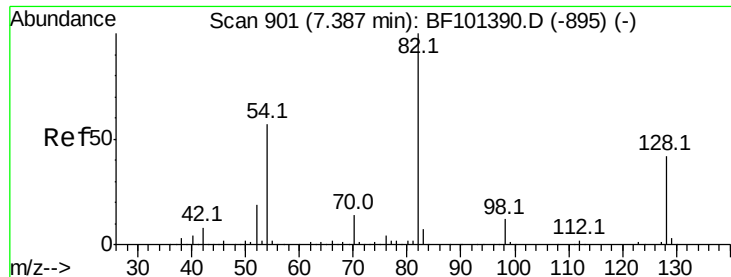
Tgt Ion: 136 Resp: 448782

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.3	6.6	9.8
68	7.0	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: 103.855 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF101938.D

Acq: 5 Jan 2018 19:02

Instrument :

BNA_F

ClientSampleId :

RBR251678

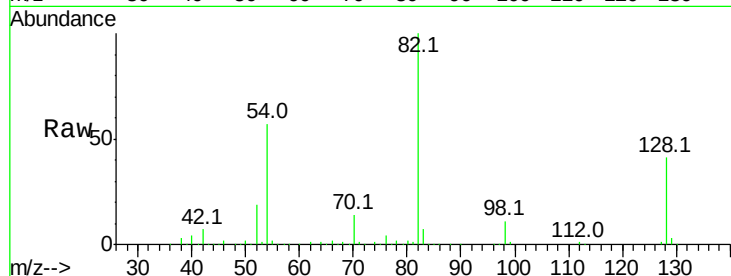
Tot Ion: 82 Resp: 837286

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

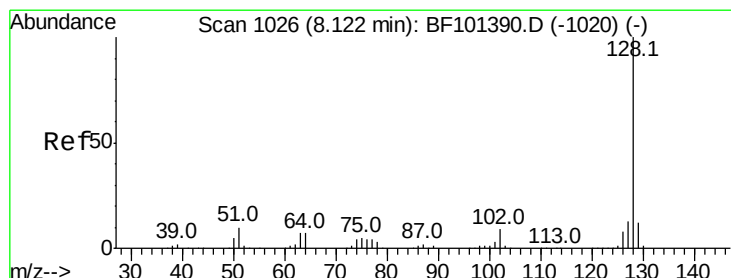
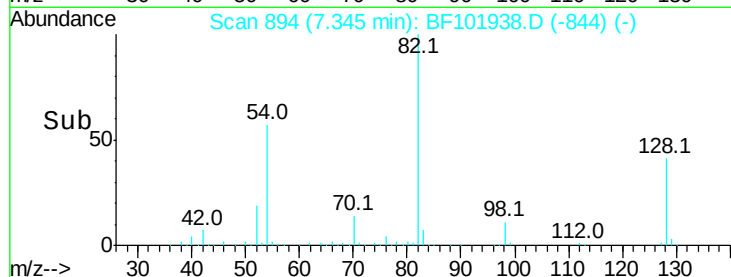
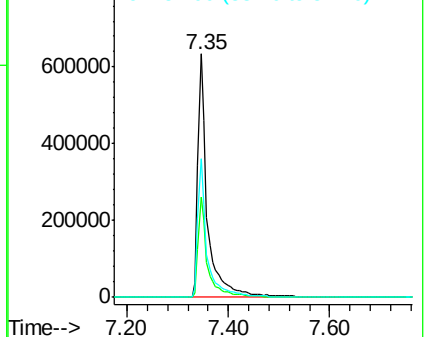
54 56.7 41.4 62.2



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



#31

Naphthalene

Concen: 27.188 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF101938.D

Acq: 5 Jan 2018 19:02

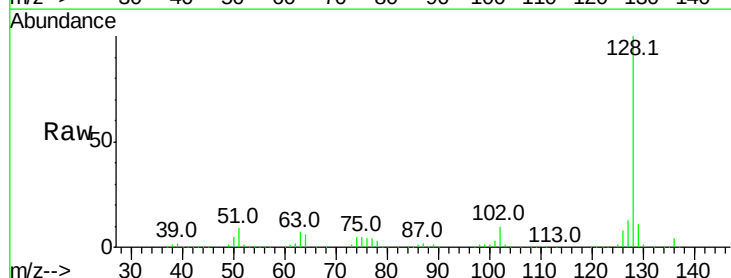
Tgt Ion:128 Resp: 614269

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

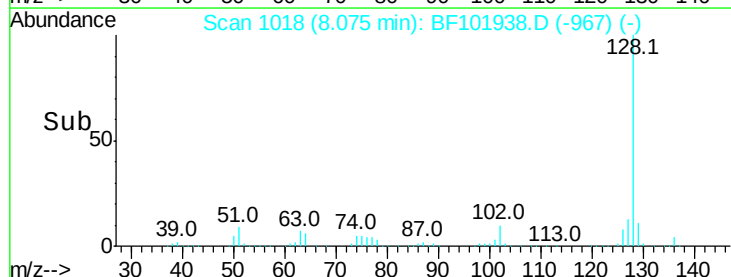
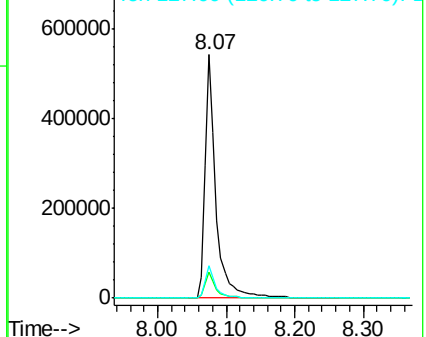
127 13.2 10.9 16.3

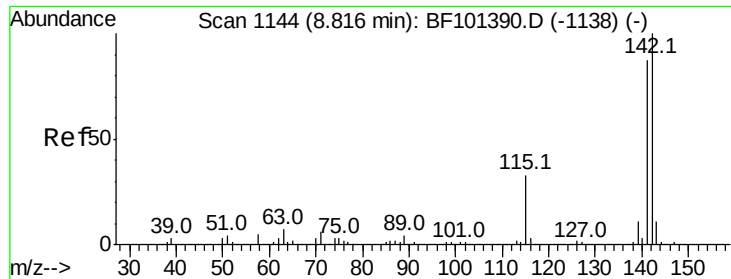


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

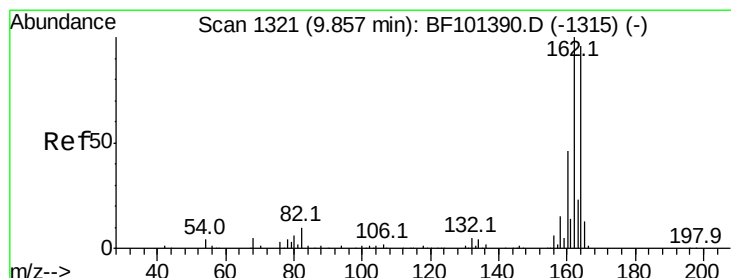
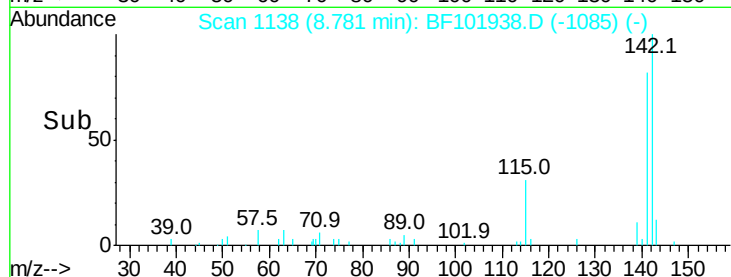
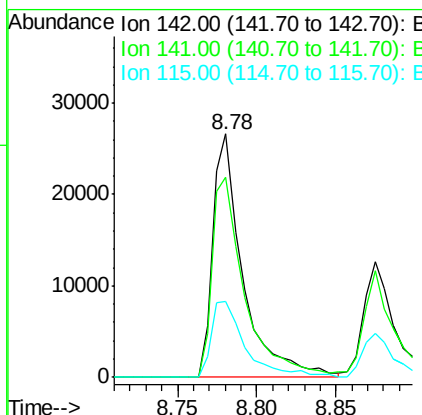
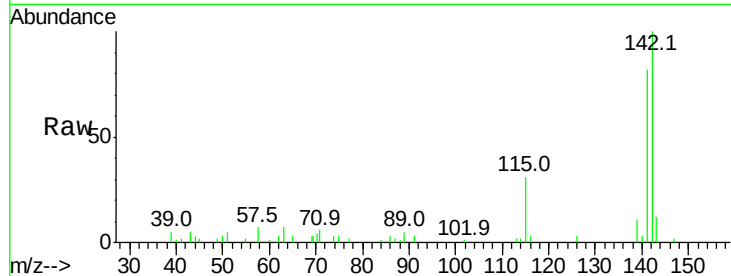




#37
 2-Methylnaphthalene
 Concen: 2.399 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF101938.D
 Acq: 5 Jan 2018 19:02

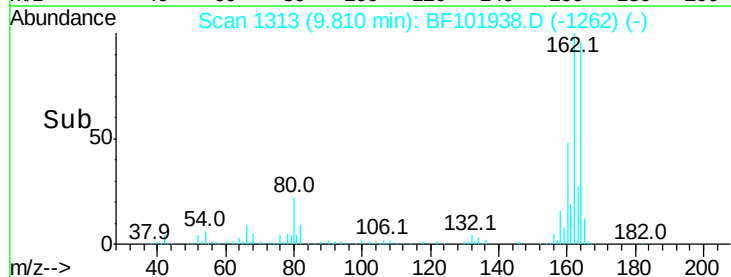
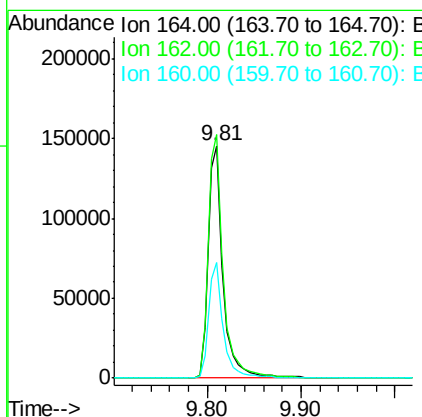
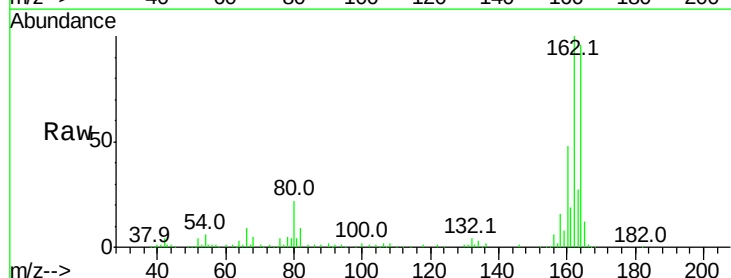
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

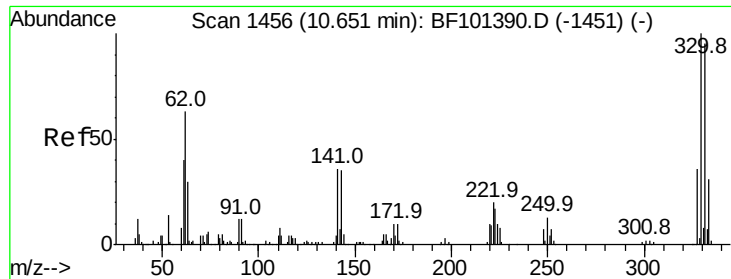
Tot Ion:142 Resp: 35316
 Ion Ratio Lower Upper
 142 100
 141 82.2 70.8 106.2
 115 31.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF101938.D
 Acq: 5 Jan 2018 19:02

Tgt Ion:164 Resp: 160857
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 49.8 38.3 57.5

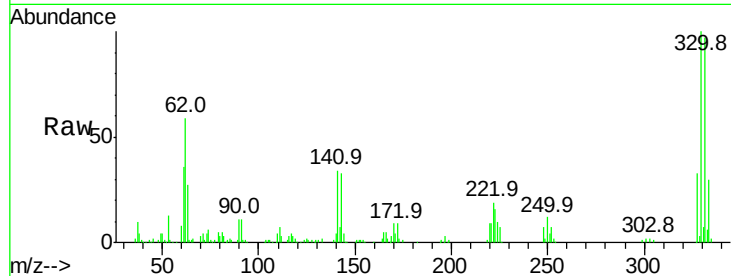




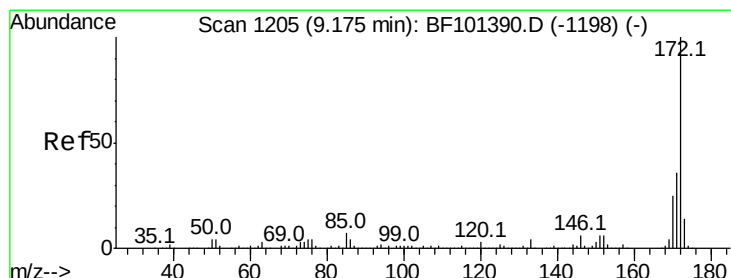
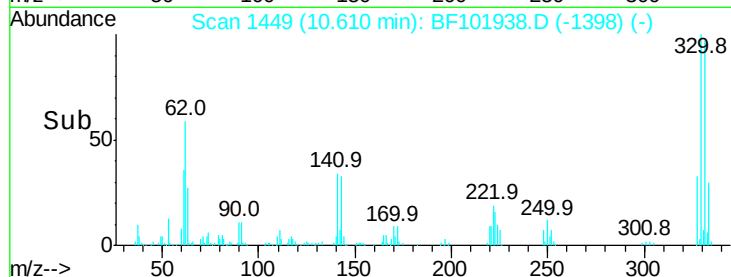
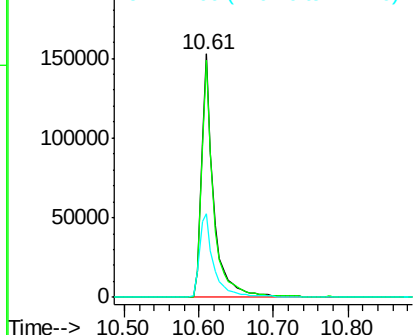
#41
 2,4,6-Tribromophenol
 Concen: 113.516 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF101938.D
 Acq: 5 Jan 2018 19:02

Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

Tot Ion:330 Resp: 175948
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 40.3 29.9 44.9

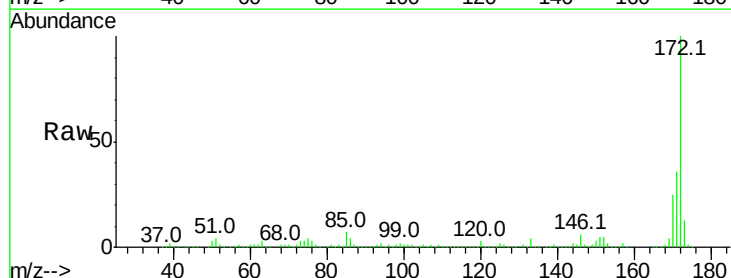


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

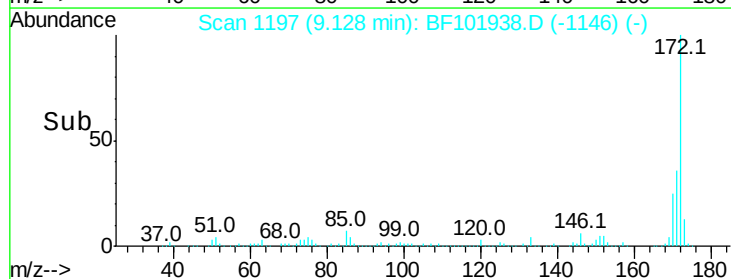
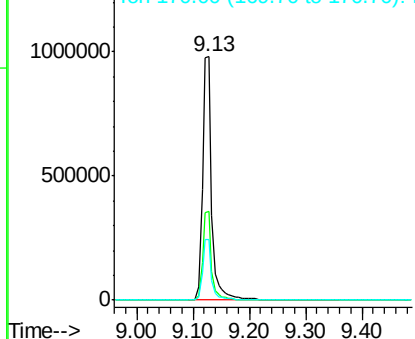


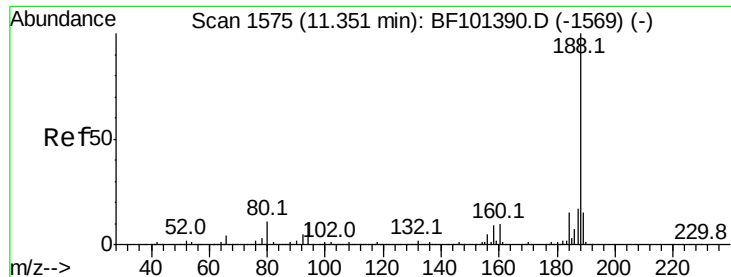
#44
 2-Fluorobiphenyl
 Concen: 108.067 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101938.D
 Acq: 5 Jan 2018 19:02

Tgt Ion:172 Resp: 1120607
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.9 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

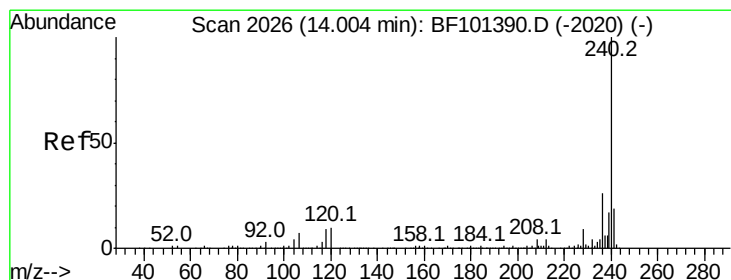
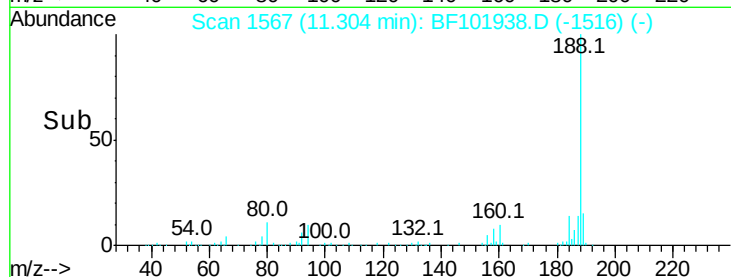
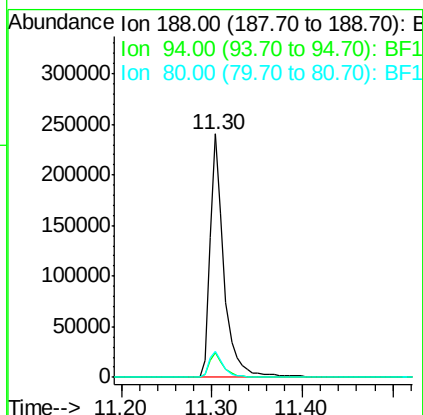
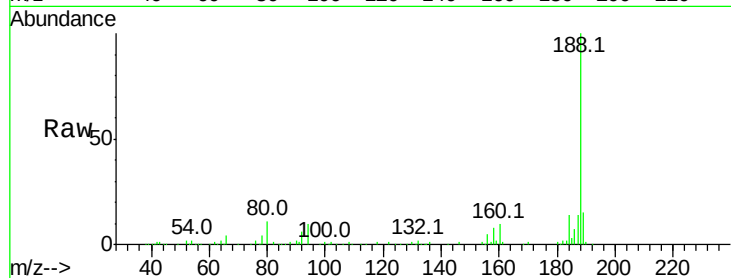




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF101938.D
Acq: 5 Jan 2018 19:02

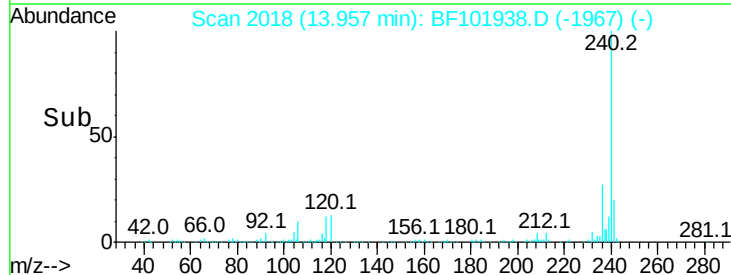
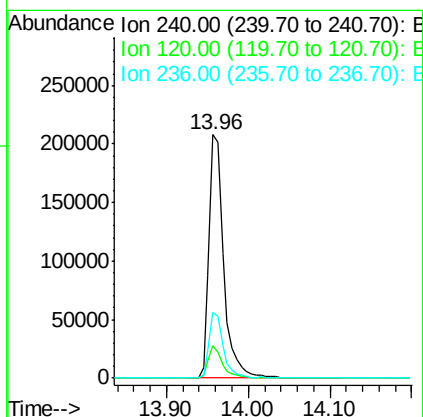
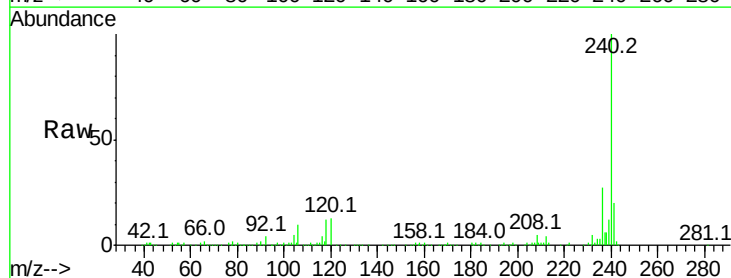
Instrument :
BNA_F
ClientSampleId :
RBR251678

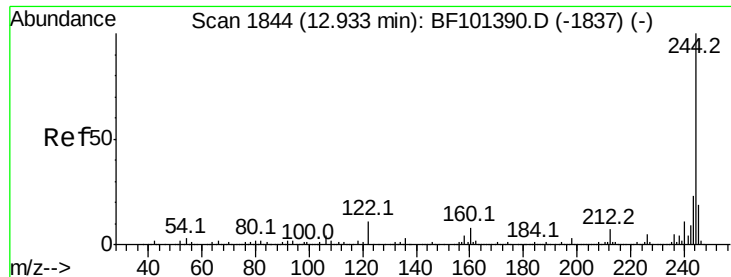
Tot Ion:188 Resp: 259630
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101938.D
Acq: 5 Jan 2018 19:02

Tgt Ion:240 Resp: 261074
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 81.190 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101938.D

Acq: 5 Jan 2018 19:02

Instrument :

BNA_F

ClientSampleId :

RBR251678

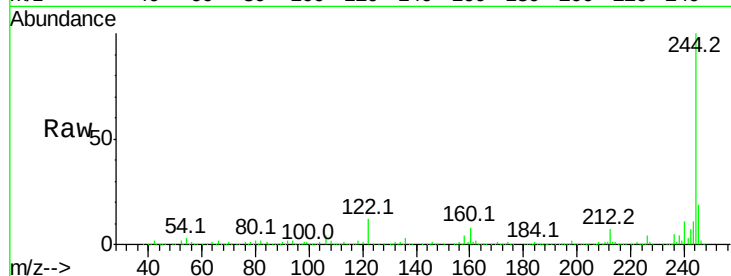
Tot Ion:244 Resp: 879250

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

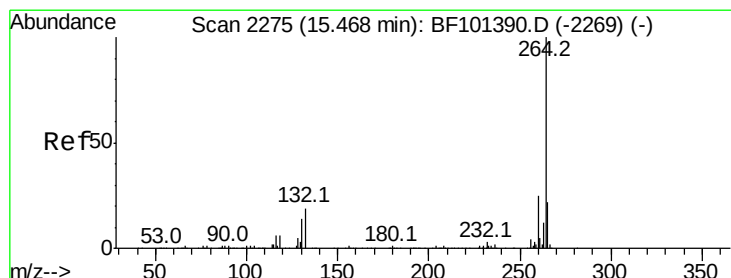
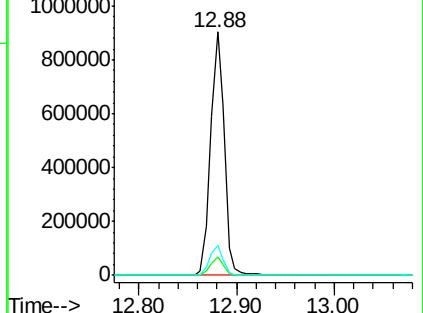
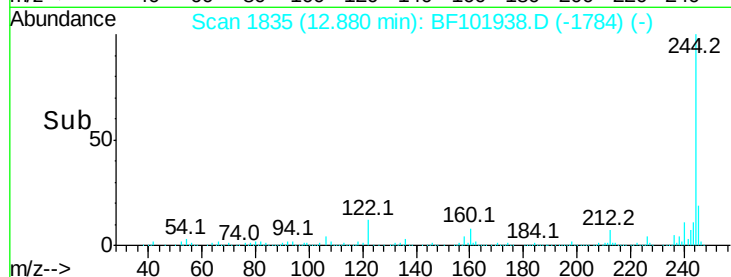
122 12.2 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF101938.D

Acq: 5 Jan 2018 19:02

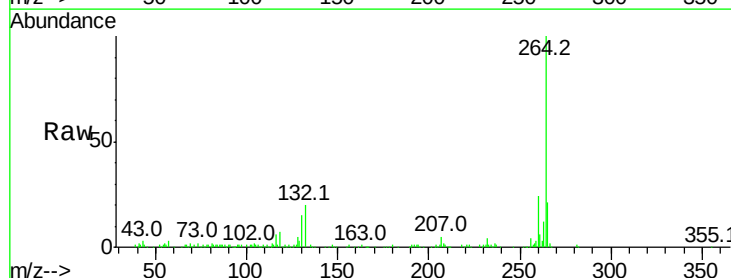
Tgt Ion:264 Resp: 207914

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

