

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107341.D
 Acq On : 12 Jul 2018 16:15
 Operator : JU/SJ
 Sample : J3914-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1DL

Quant Time: Jul 12 17:07:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

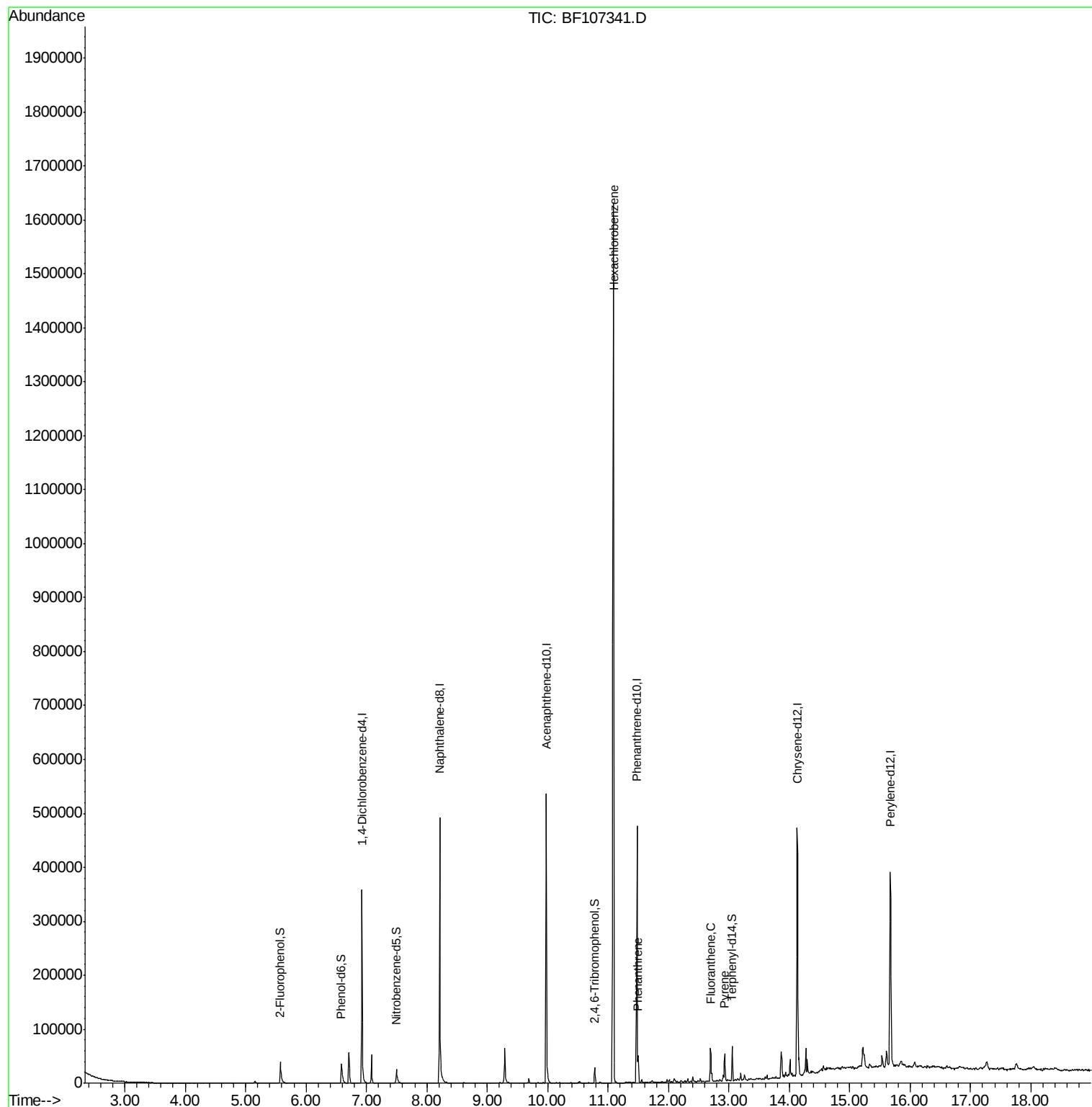
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	60684	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	249450	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	119040	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	202173	20.00	ng	0.00
75) Chrysene-d12	14.13	240	169794	20.00	ng	-0.01
86) Perylene-d12	15.67	264	191013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	19103	5.33	ng	0.01
7) Phenol-d6	6.58	99	24496	5.47	ng	0.00
23) Nitrobenzene-d5	7.50	82	14472	3.22	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	4896	3.55	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.05	244	22672	3.23	ng	-0.01
Target Compounds						
67) Hexachlorobenzene	11.09	284	289058	114.462	ng	Qvalue # 83
70) Phenanthrene	11.50	178	20070	2.058	ng	95
74) Fluoranthene	12.70	202	27331	2.543	ng	96
77) Pyrene	12.93	202	22565	2.015	ng	98

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

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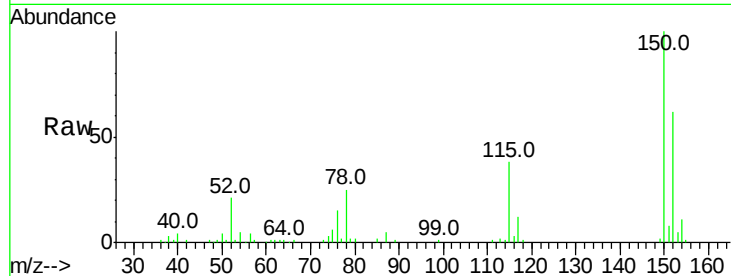


#1

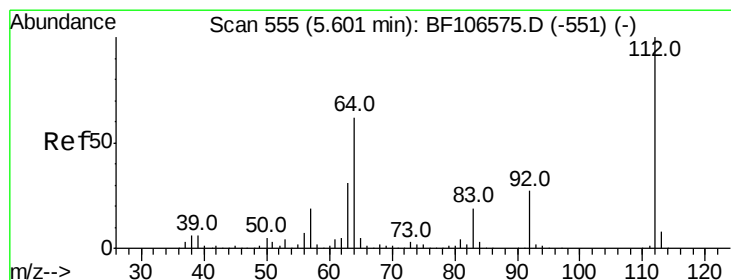
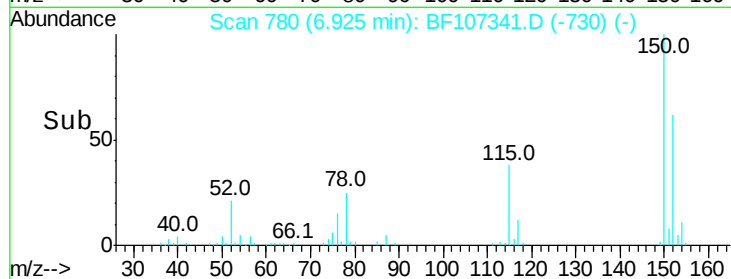
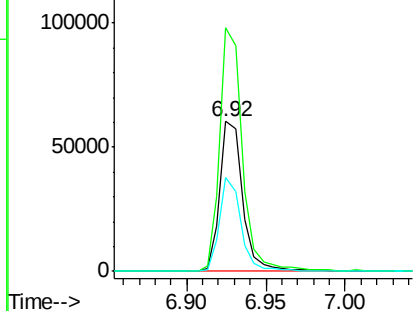
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

Instrument :
BNA_F
ClientSampleId :
B1DL

Tot Ion:152 Resp: 60684
Ion Ratio Lower Upper
152 100
150 162.4 124.6 186.8
115 62.5 50.1 75.1



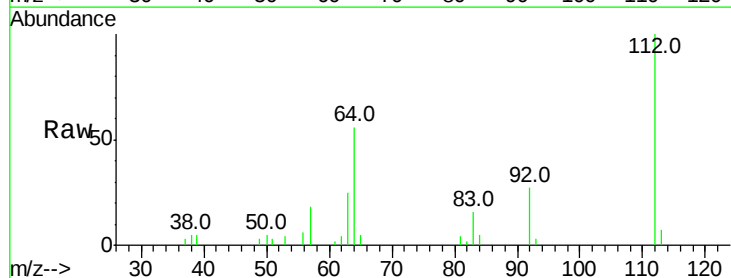
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



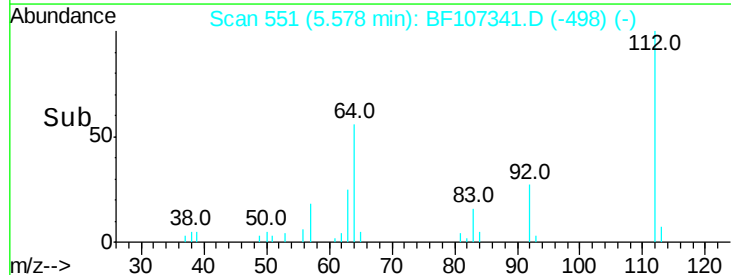
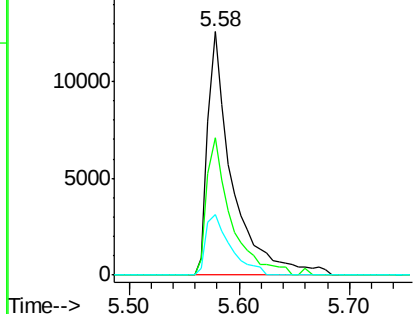
#5

2-Fluorophenol
Concen: 5.330 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

Tgt Ion:112 Resp: 19103
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 25.0 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: 5.473 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

Instrument :

BNA_F

ClientSampleId :

B1DL

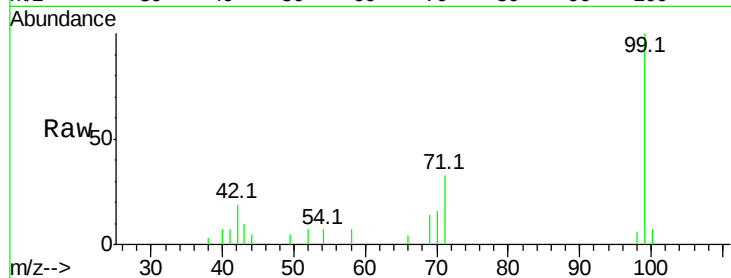
Tot Ion: 99 Resp: 24496

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

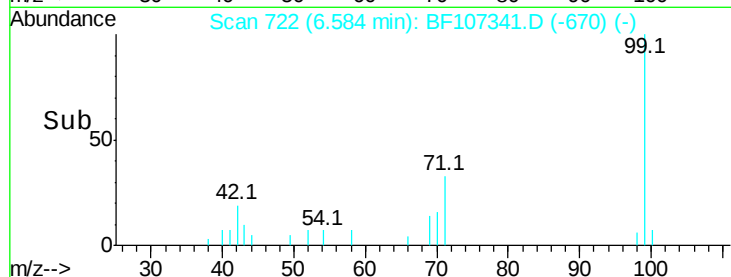
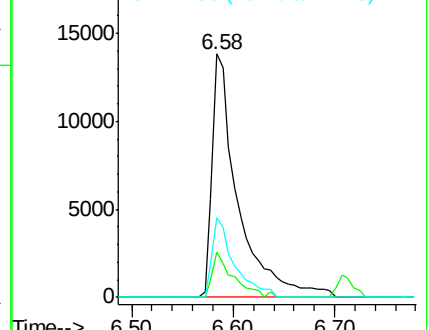
71 33.0 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

Tgt Ion: 136 Resp: 249450

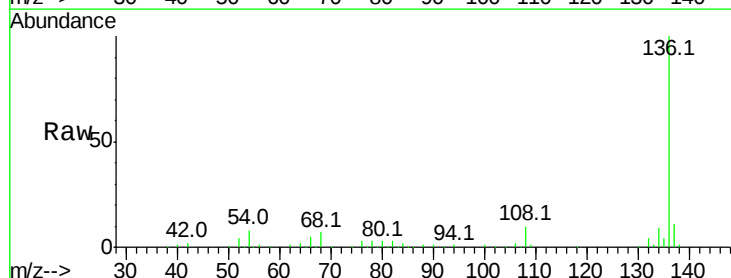
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 6.5 5.0 7.4

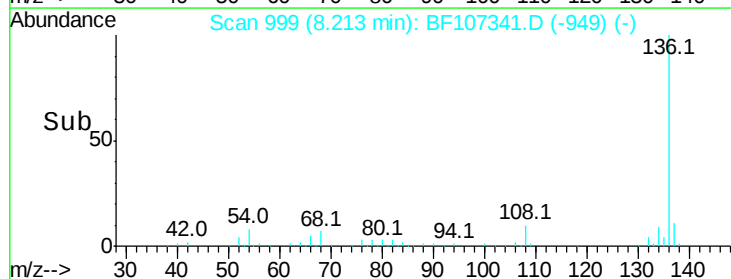
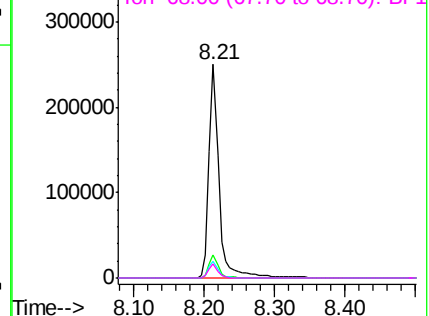


Abundance Ion 136.00 (135.70 to 136.70): E

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

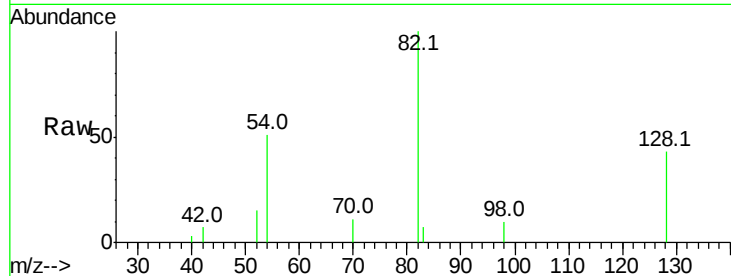




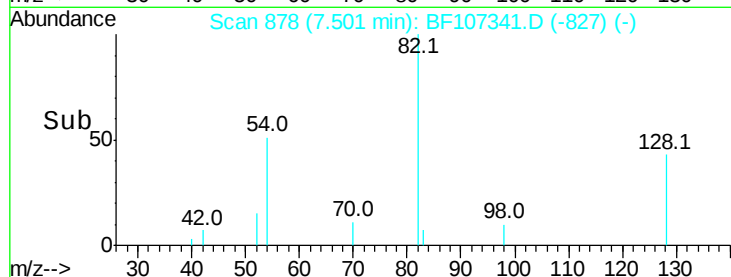
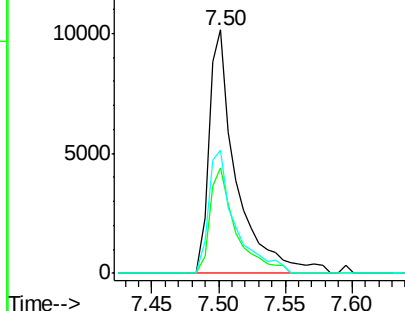
#23
Nitrobenzene-d5
Concen: 3.224 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

Instrument :
BNA_F
ClientSampleId :
B1DL

Tot Ion: 82 Resp: 14472
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 50.5 41.4 62.2

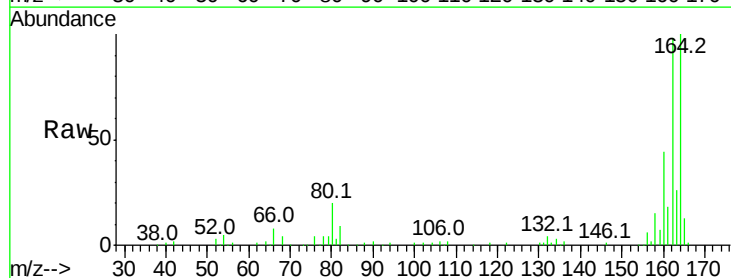


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

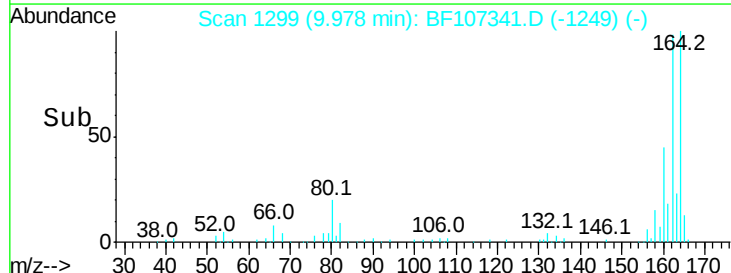
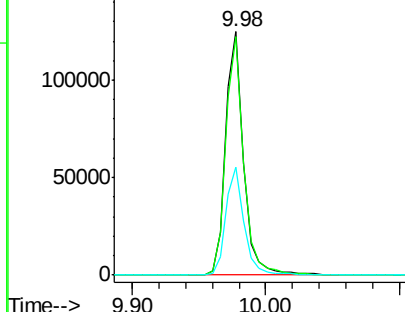


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

Tgt Ion:164 Resp: 119040
Ion Ratio Lower Upper
164 100
162 97.8 86.1 129.1
160 44.4 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

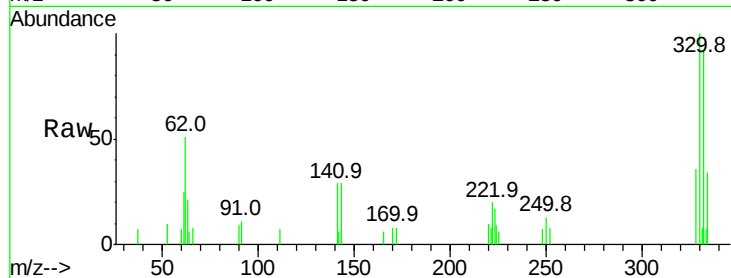




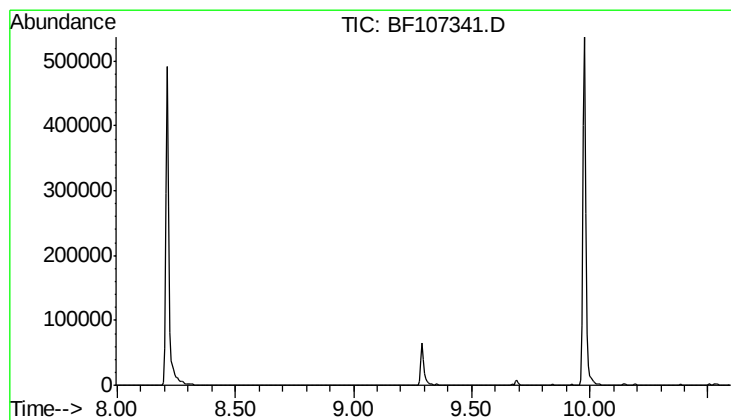
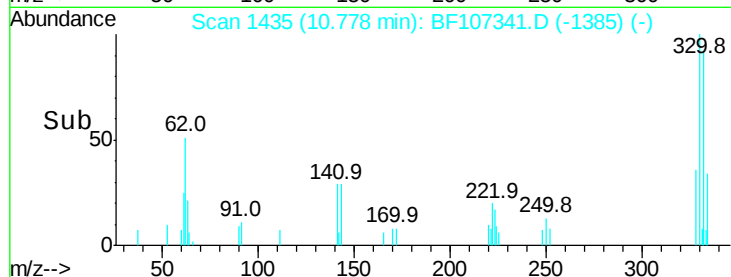
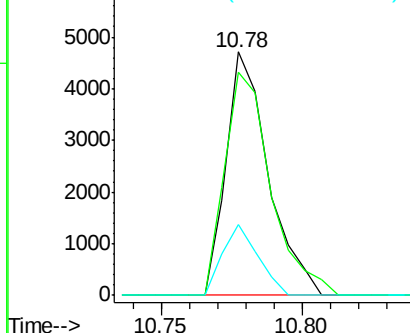
#41
 2,4,6-Tribromophenol
 Concen: 3.549 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107341.D
 Acq: 12 Jul 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :
 B1DL

Tot Ion: 330 Resp: 4896
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.0 115.6
 141 24.3 29.9 44.9#

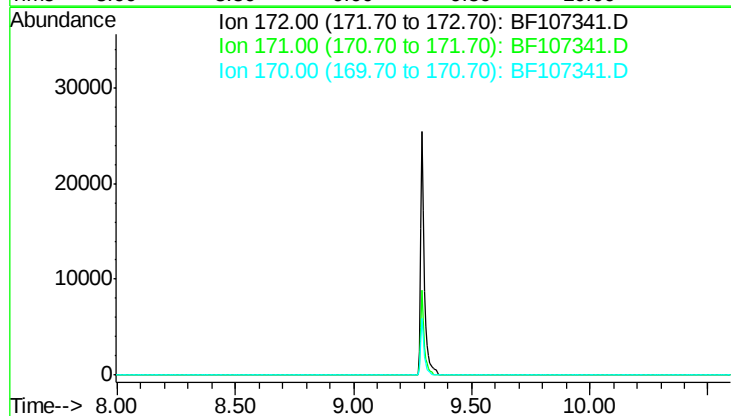


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.30 min
 Lab File: BF107341.D
 Acq: 12 Jul 2018 16:15

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

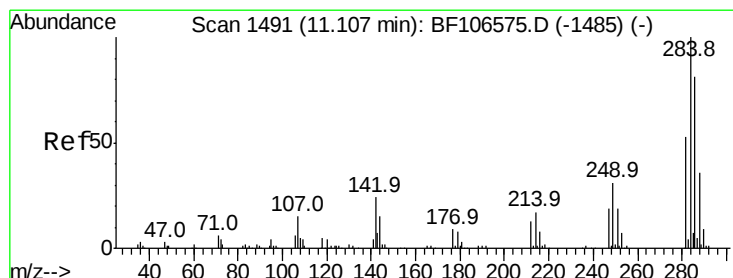
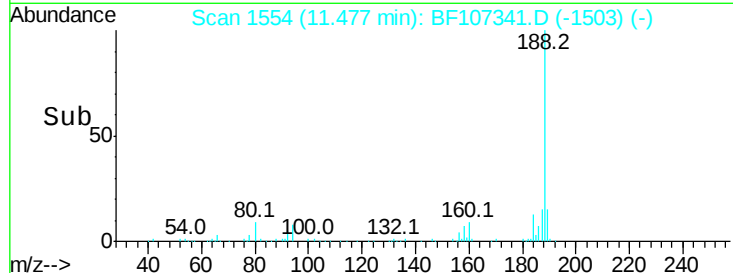
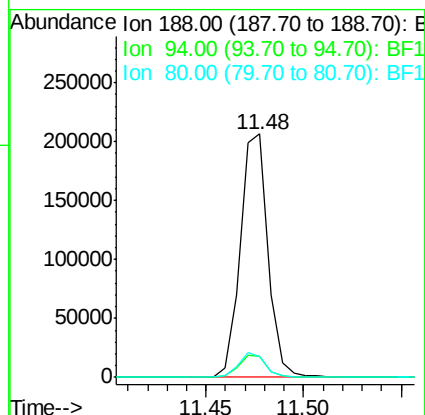
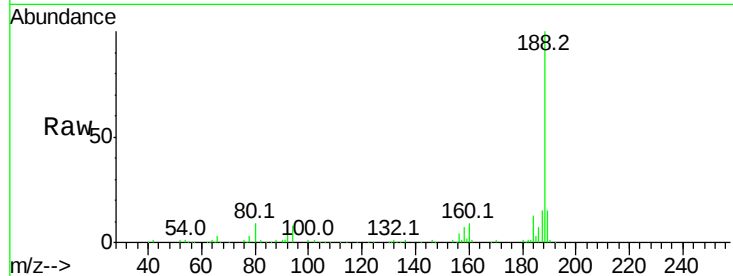




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

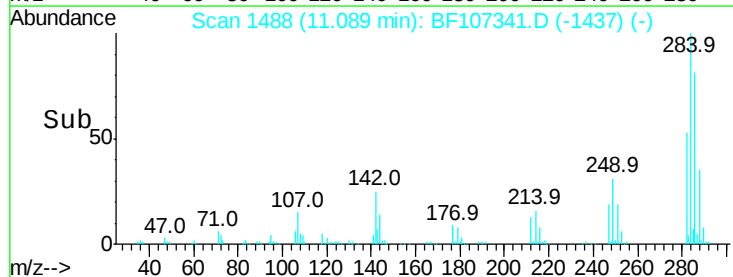
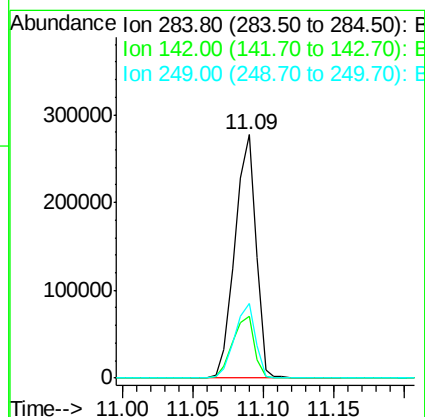
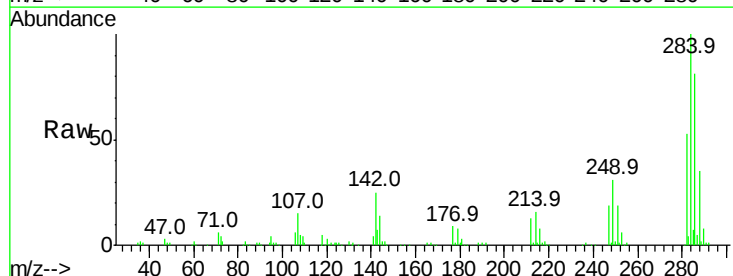
Instrument :
BNA_F
ClientSampled :
B1DL

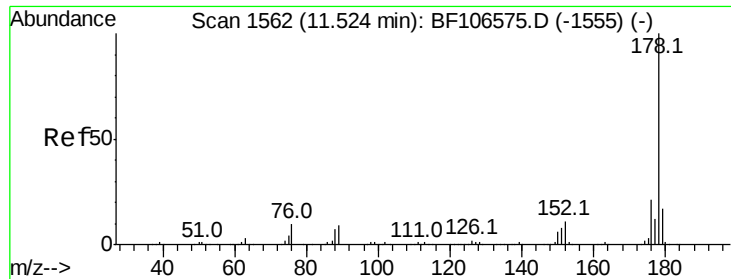
Tot Ion:188 Resp: 202173
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.6 9.2 13.8#



#67
Hexachlorobenzene
Concen: 114.462 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF107341.D
Acq: 12 Jul 2018 16:15

Tgt Ion:284 Resp: 289058
Ion Ratio Lower Upper
284 100
142 25.2 34.6 52.0#
249 30.6 24.8 37.2





#70

Phenanthrene

Concen: 2.058 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

Instrument :

BNA_F

ClientSampleId :

B1DL

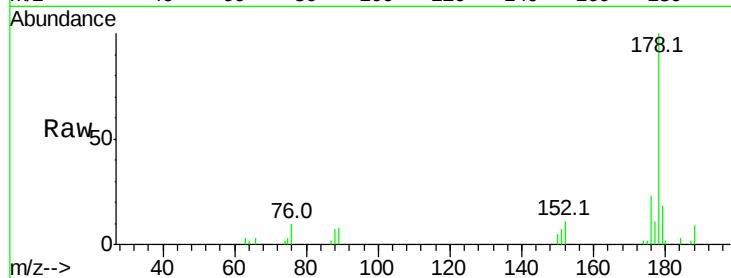
Tot Ion:178 Resp: 20070

Ion Ratio Lower Upper

178 100

176 22.6 15.8 23.8

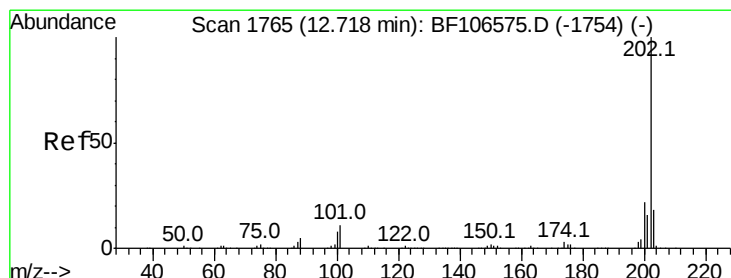
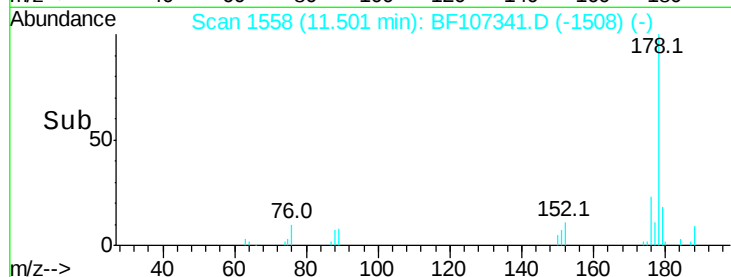
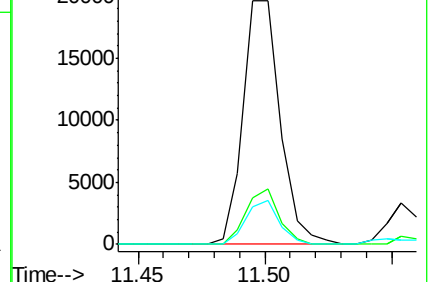
179 18.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.543 ng

RT: 12.70 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

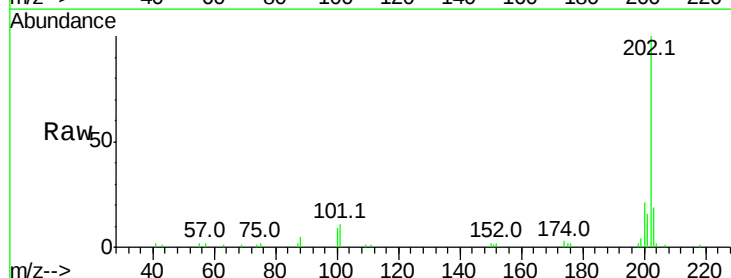
Tgt Ion:202 Resp: 27331

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

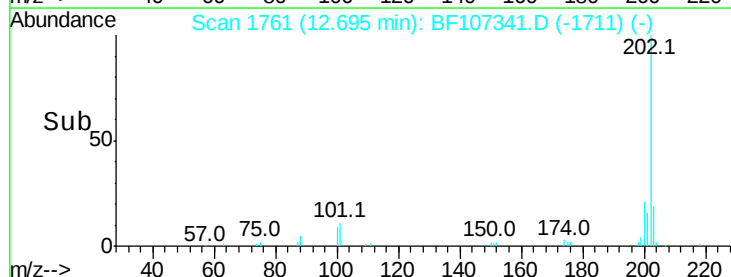
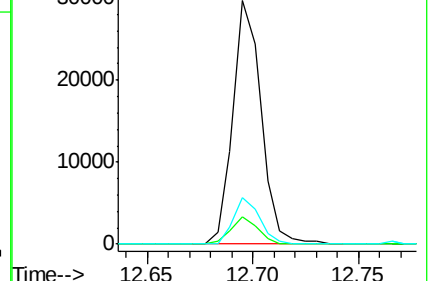
203 18.9 0.0 38.1

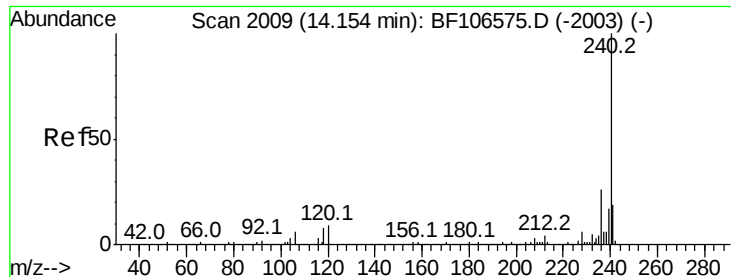


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

Instrument :

BNA_F

ClientSampleId :

B1DL

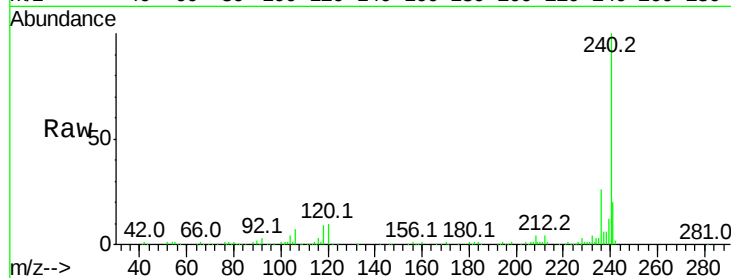
Tot Ion:240 Resp: 169794

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

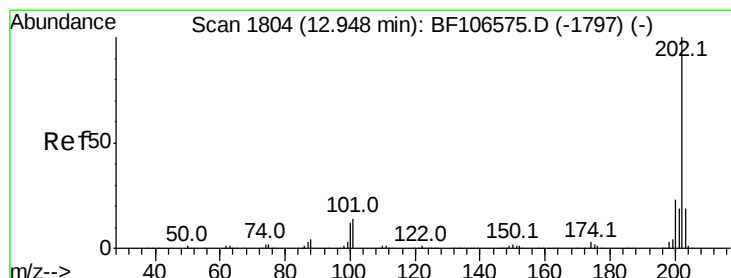
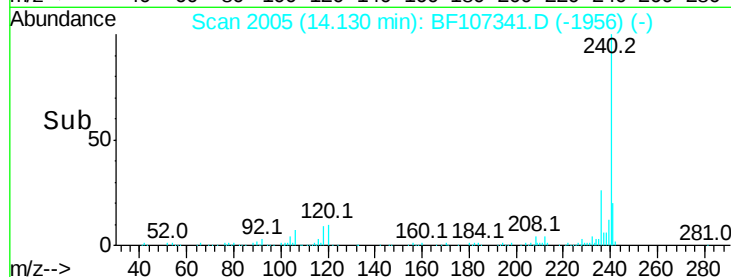
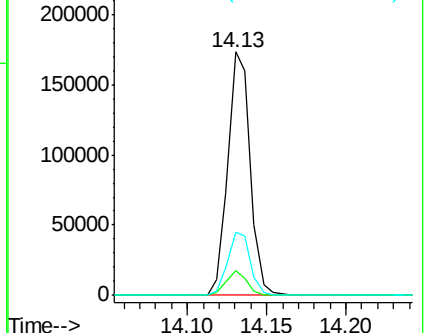
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 2.015 ng

RT: 12.93 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

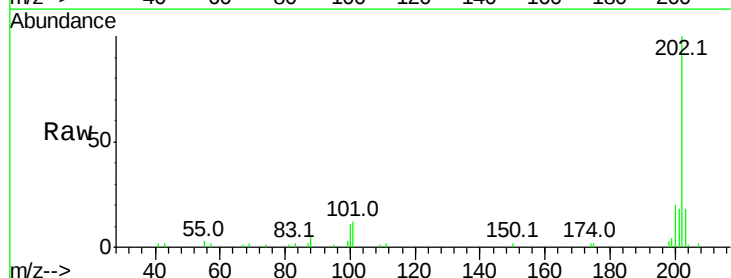
Tgt Ion:202 Resp: 22565

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

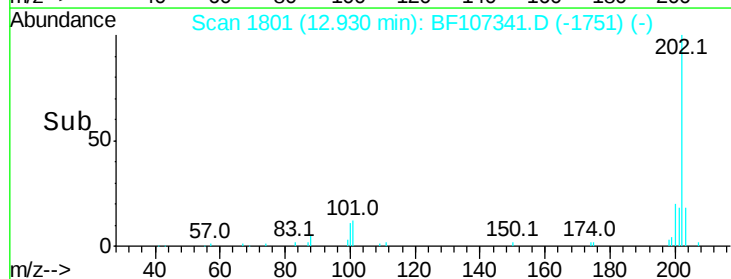
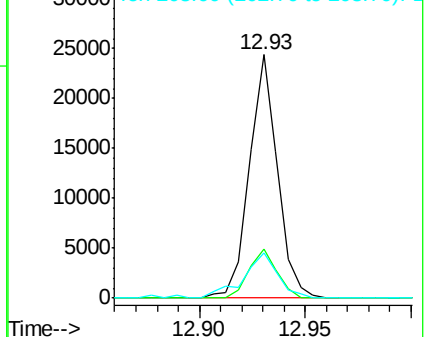
203 18.4 14.3 21.5

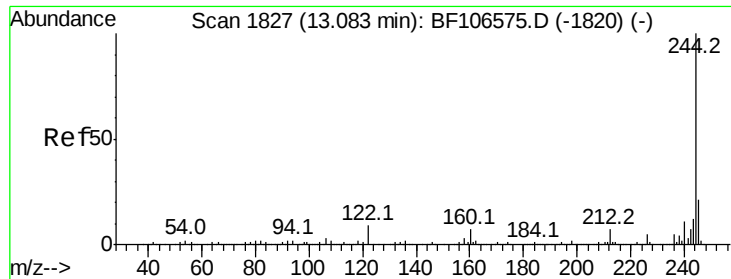


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.234 ng

RT: 13.05 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

Instrument :

BNA_F

ClientSampleId :

B1DL

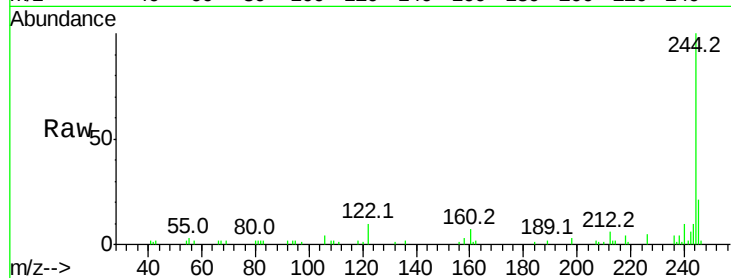
Tot Ion:244 Resp: 22672

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

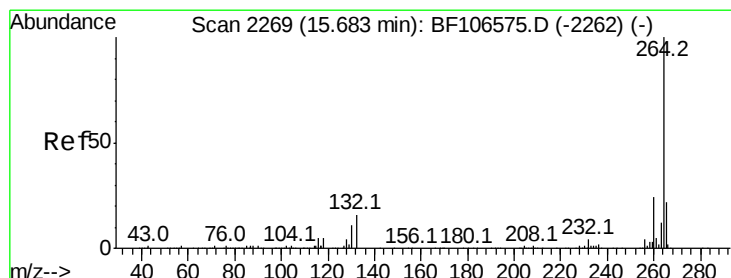
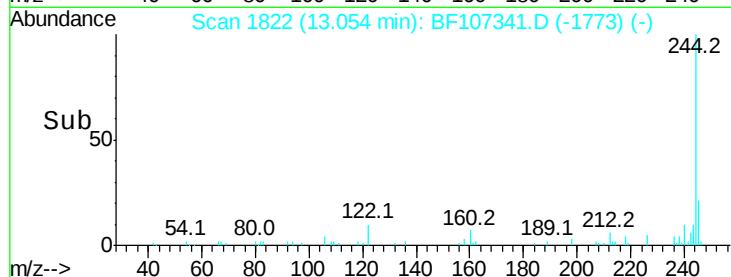
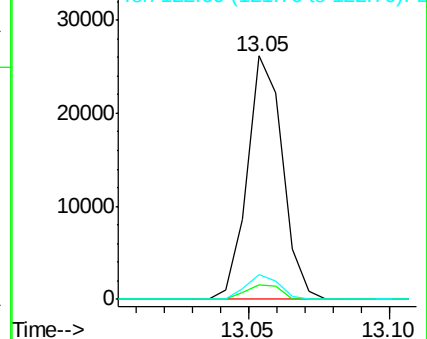
122 10.2 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF107341.D

Acq: 12 Jul 2018 16:15

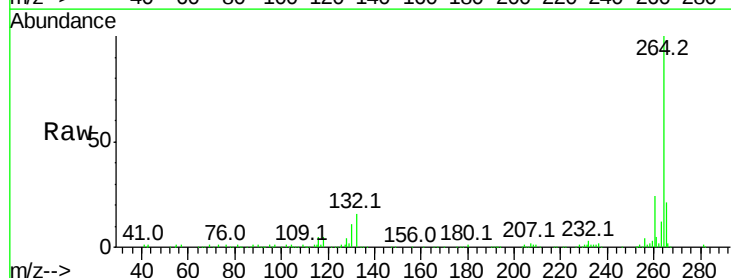
Tgt Ion:264 Resp: 191013

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

