

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107438.D
 Acq On : 17 Jul 2018 10:12
 Operator : JU/SJ
 Sample : J3633-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-6)

Quant Time: Jul 17 11:37:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

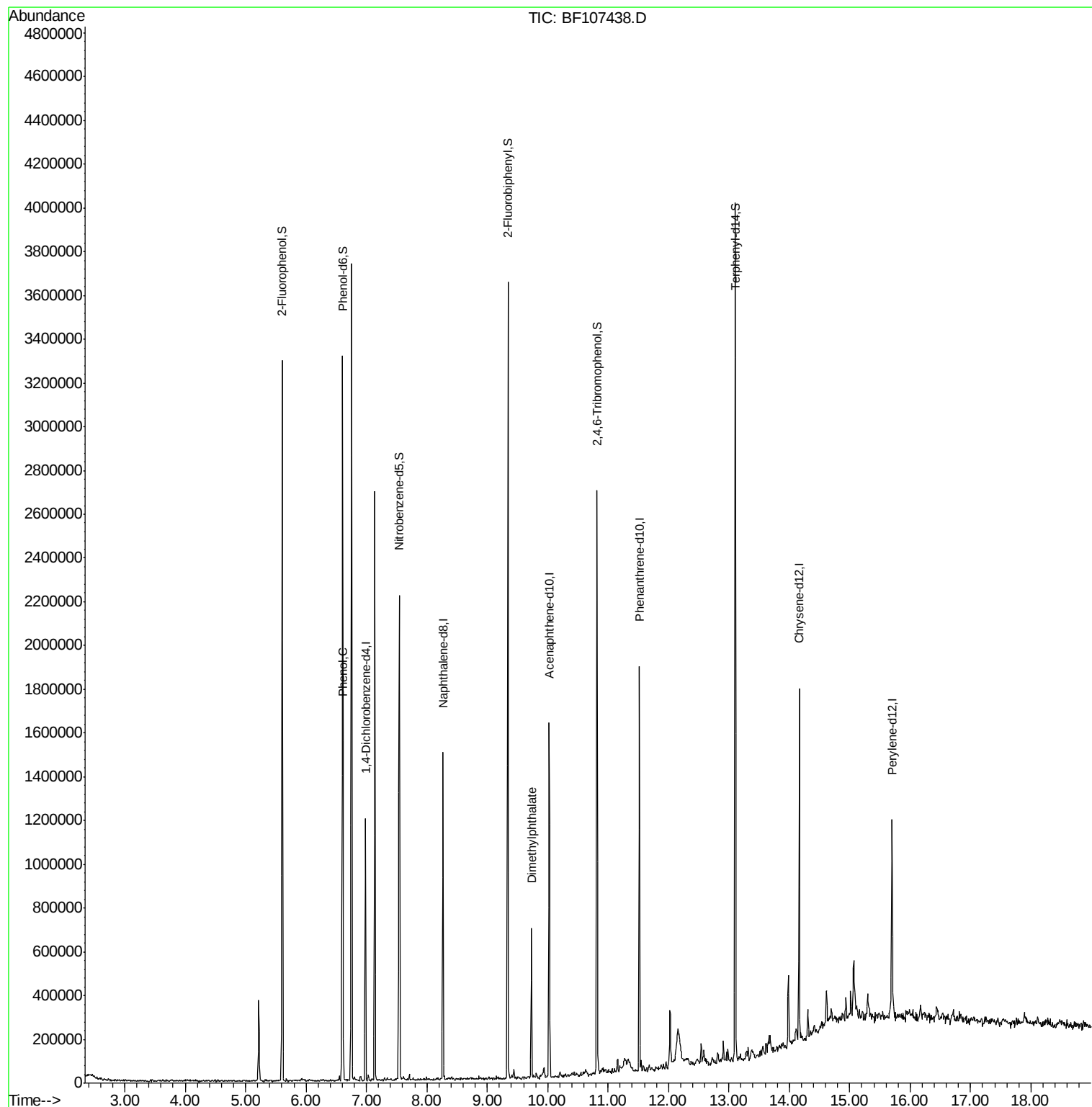
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	138486	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	492413	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271646	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	577388	20.00	ng	0.00
75) Chrysene-d12	14.17	240	493992	20.00	ng	0.00
86) Perylene-d12	15.70	264	406120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	726283	79.65	ng	0.00
7) Phenol-d6	6.61	99	952222	80.77	ng	0.00
23) Nitrobenzene-d5	7.54	82	691588	74.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	217698	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1026561	59.80	ng	0.00
78) Terphenyl-d14	13.11	244	1180841	59.39	ng	0.00
Target Compounds						
10) Phenol	6.62	94	29558	2.339	ng	78
49) Dimethylphthalate	9.73	163	204164	9.459	ng	# 99

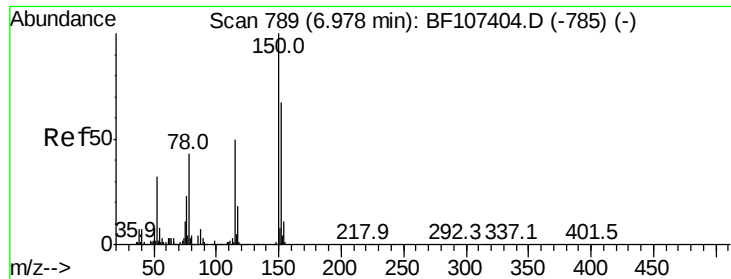
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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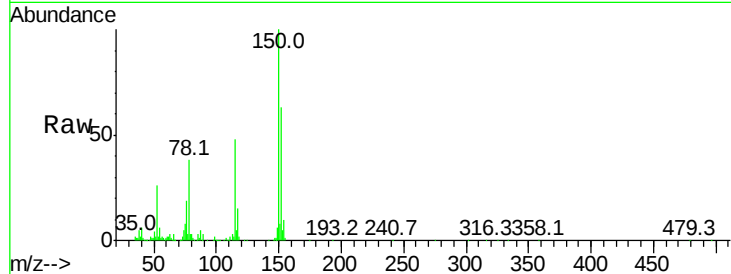


#1

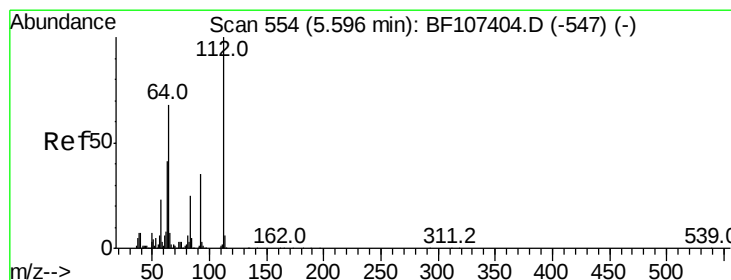
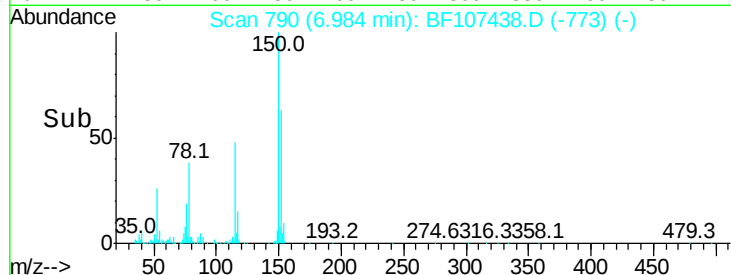
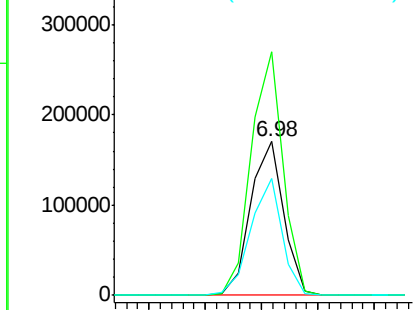
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	76.0	50.1	75.1#



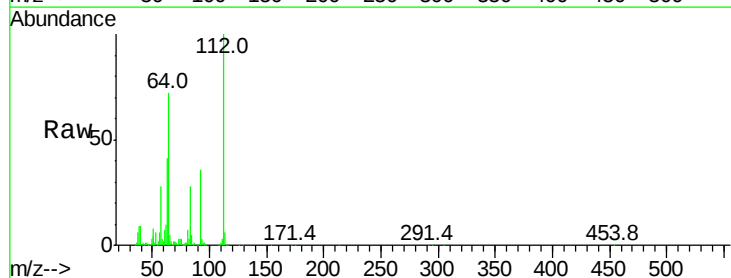
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



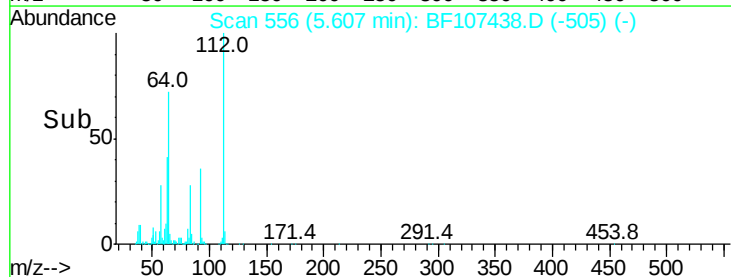
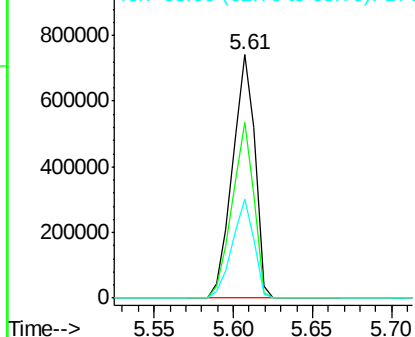
#5

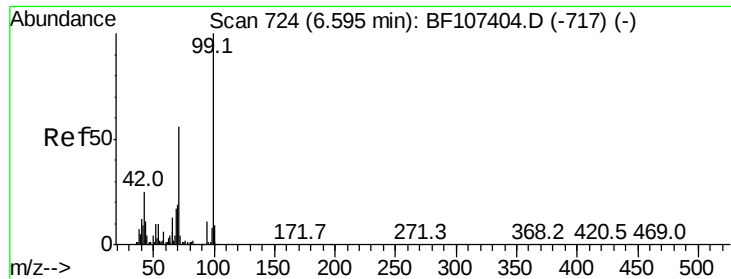
2-Fluorophenol
Concen: 79.650 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	40.7	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: 80.771 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

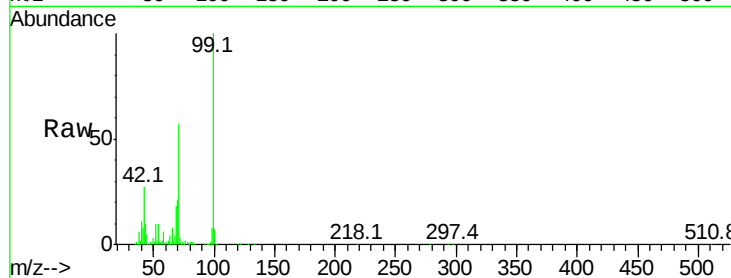
Tot Ion: 99 Resp: 952222

Ion Ratio Lower Upper

99 100

42 27.0 14.5 21.7#

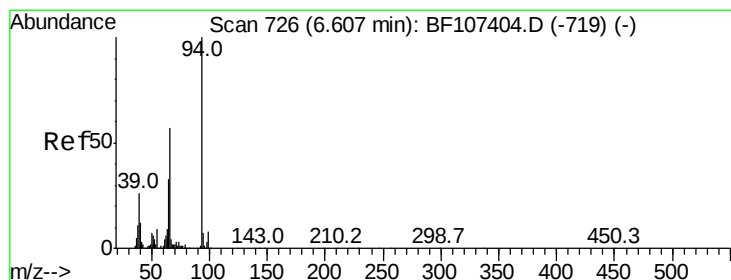
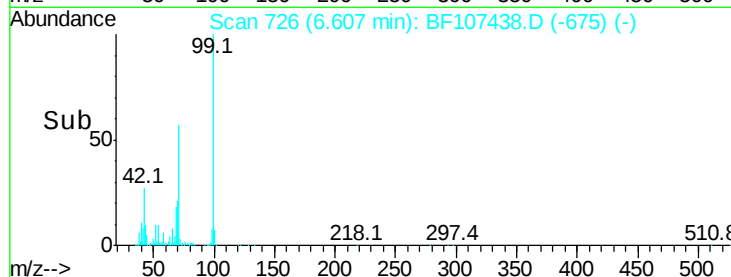
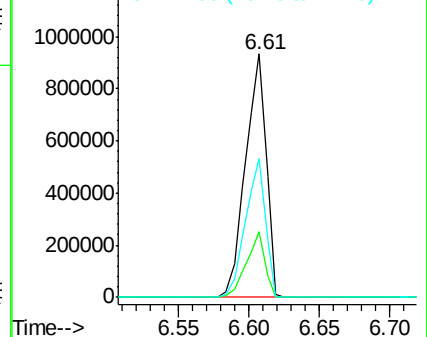
71 57.1 25.4 38.0#



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



#10

Phenol

Concen: 2.339 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

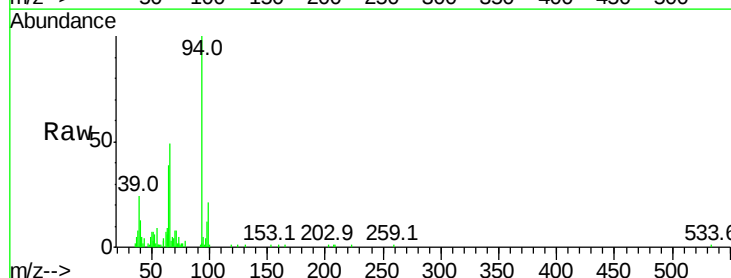
Tgt Ion: 94 Resp: 29558

Ion Ratio Lower Upper

94 100

65 39.4 7.9 47.9

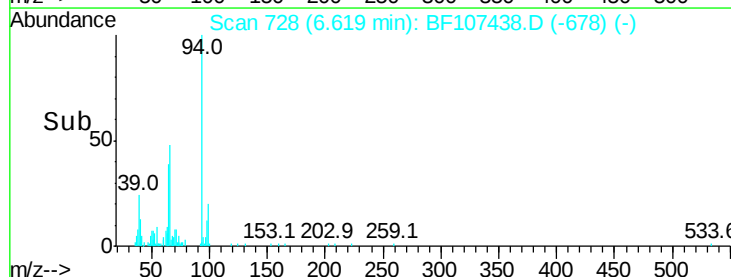
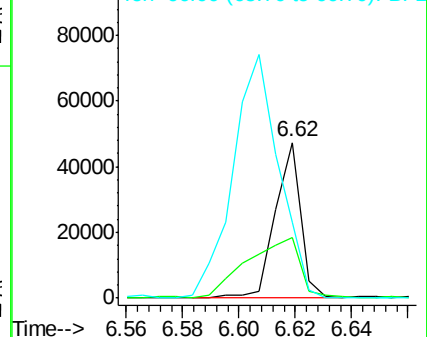
66 48.9 16.2 56.2

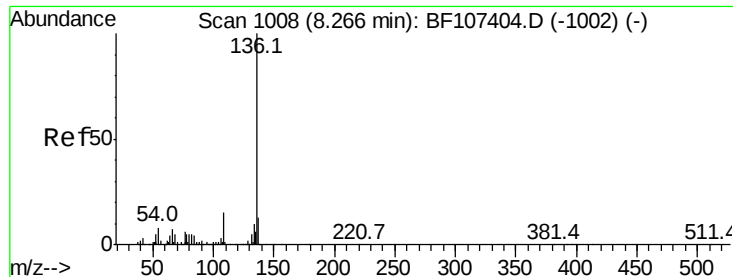


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

Tot Ion:136 Resp: 492413

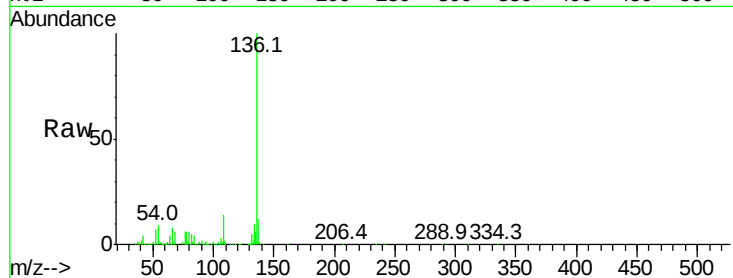
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.8 6.6 9.8

68 5.7 5.0 7.4

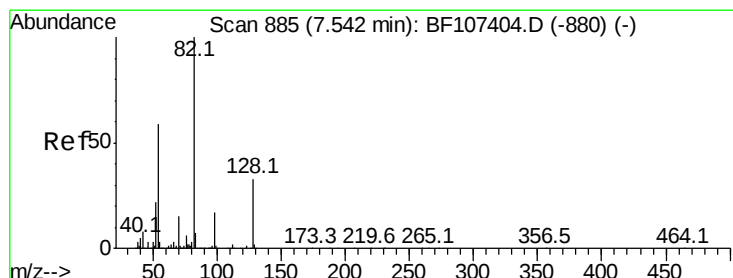
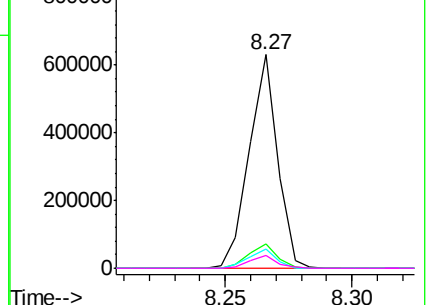
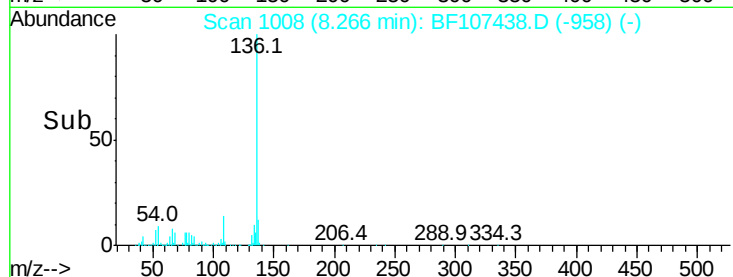


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.893 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

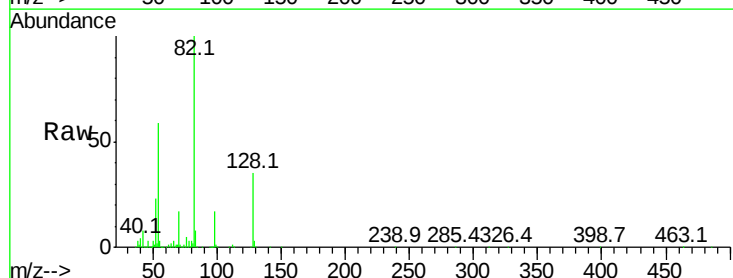
Tgt Ion: 82 Resp: 691588

Ion Ratio Lower Upper

82 100

128 34.5 36.1 54.1#

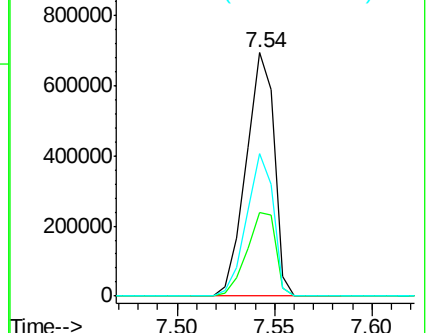
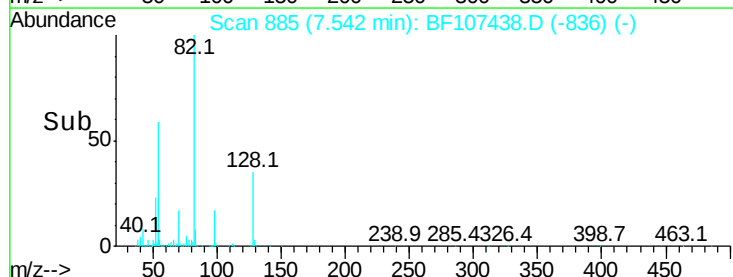
54 58.7 41.4 62.2

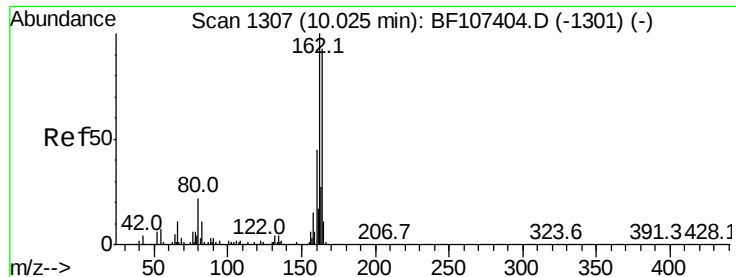


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

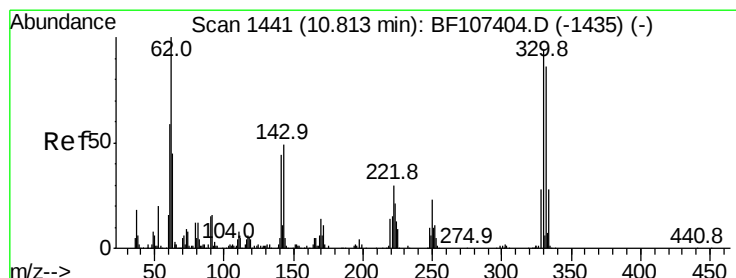
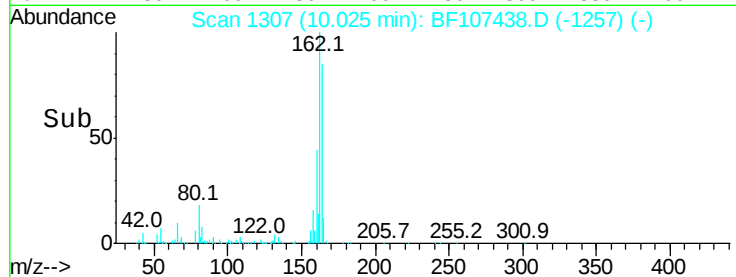
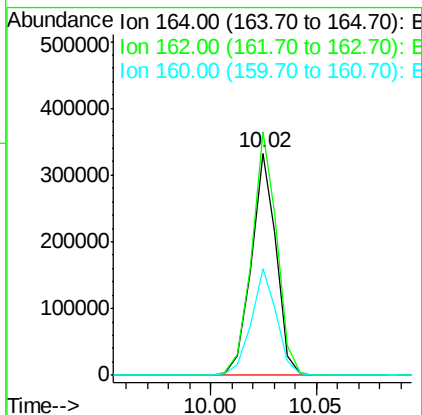
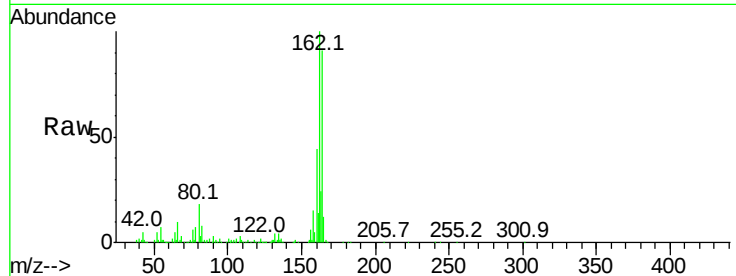




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

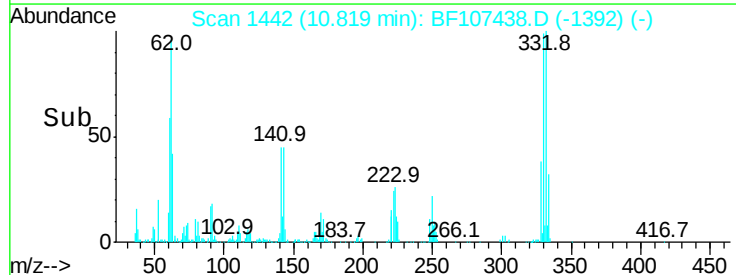
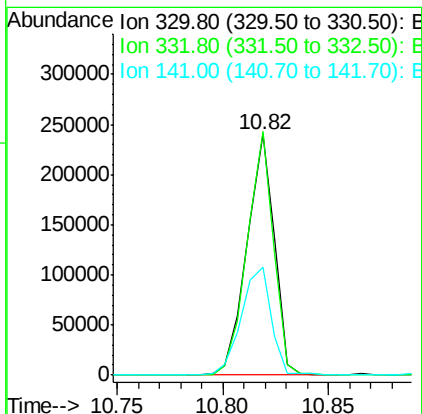
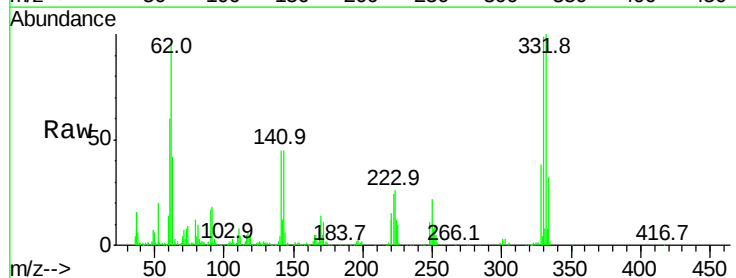
Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-6)

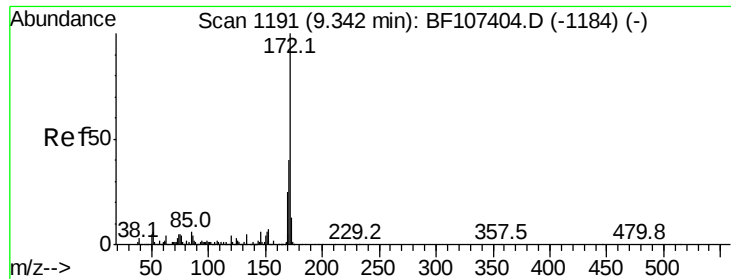
Tot Ion	Ratio	Lower	Upper
164	100		
162	109.5	86.1	129.1
160	47.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 91.212 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	49.4	29.9	44.9#





#44

2-Fluorobiphenyl

Concen: 59.795 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

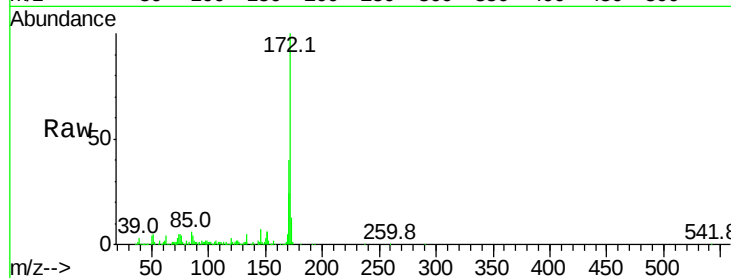
BNA_F

ClientSampleId :

A-1(0-6)

Tot Ion:172 Resp: 1026561

Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	24.1	19.6	29.4

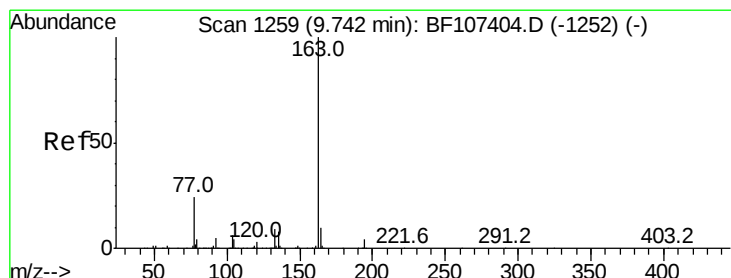
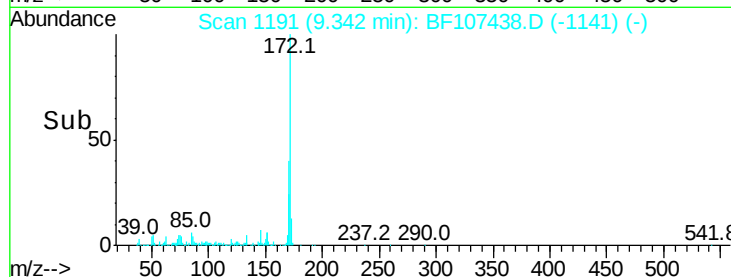
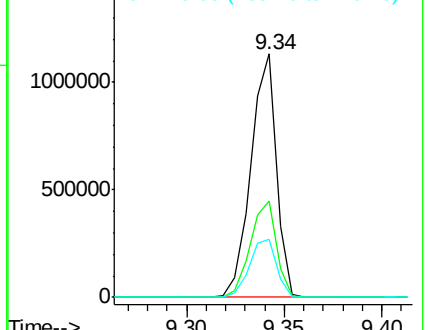


Abundance

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



#49

Dimethylphthalate

Concen: 9.459 ng

RT: 9.73 min Scan# 1257

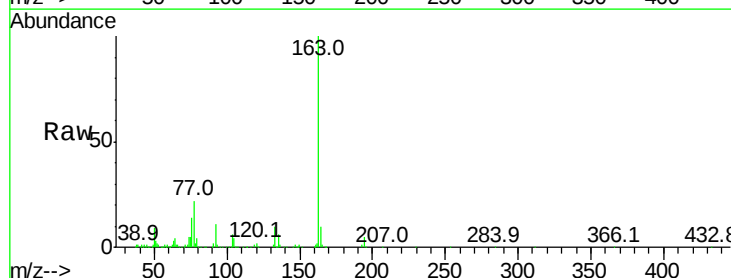
Delta R.T. -0.02 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Tgt Ion:163 Resp: 204164

Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	10.2	8.2	12.2

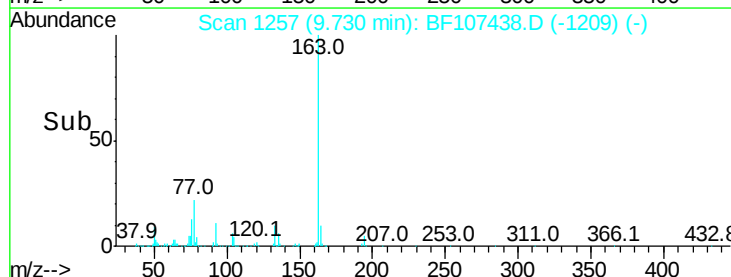
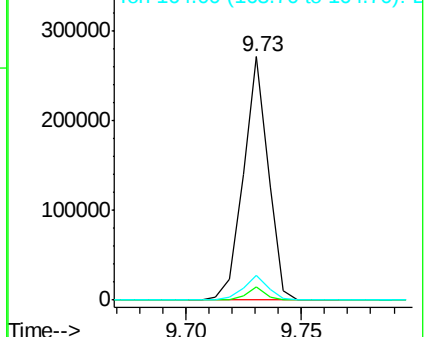


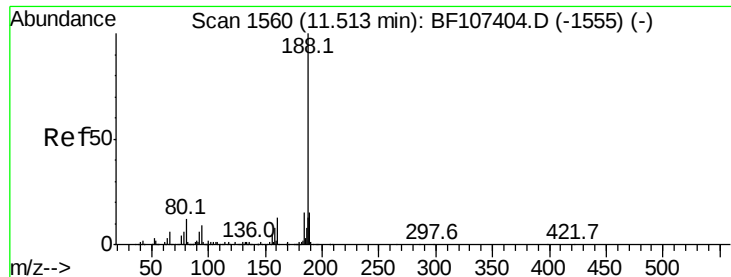
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

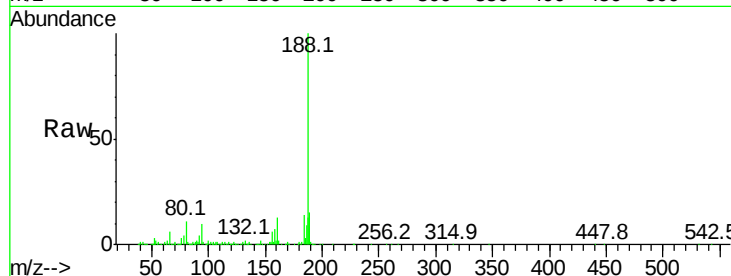
Tot Ion:188 Resp: 577388

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

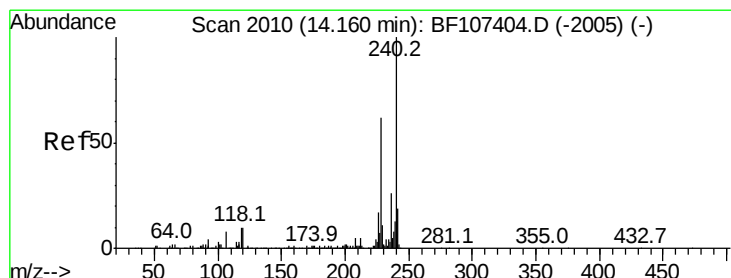
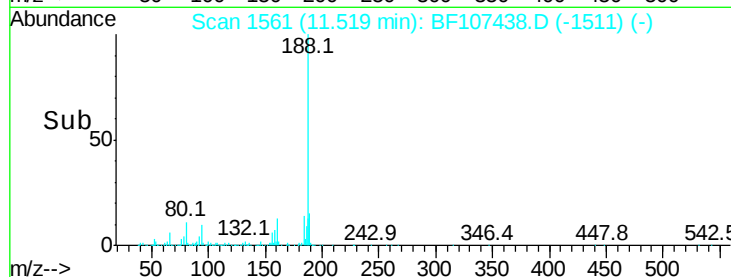
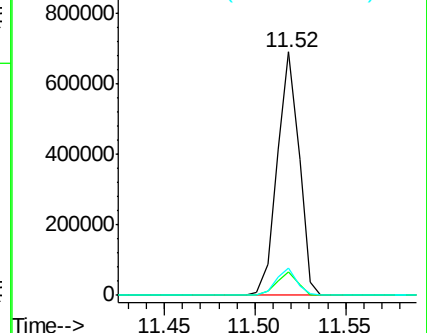
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

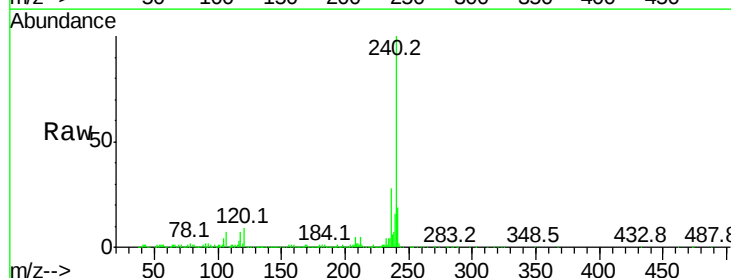
Tgt Ion:240 Resp: 493992

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

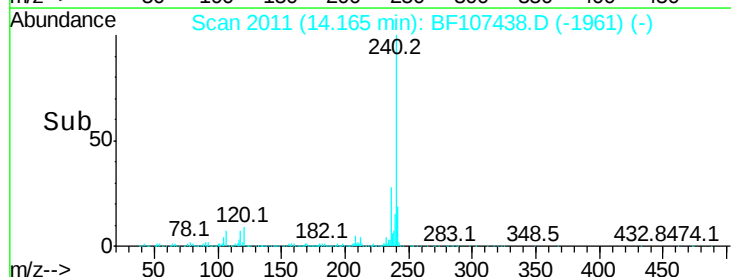
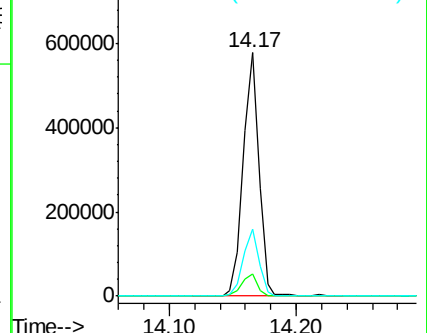
236 27.7 20.7 31.1

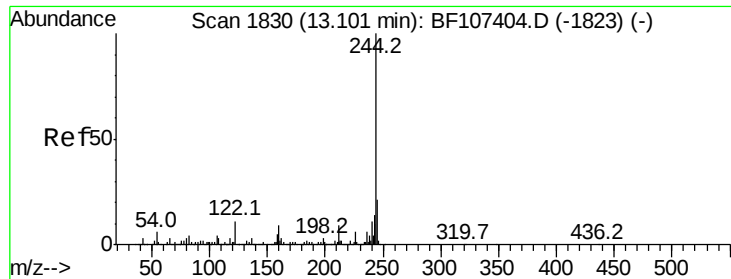


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.391 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

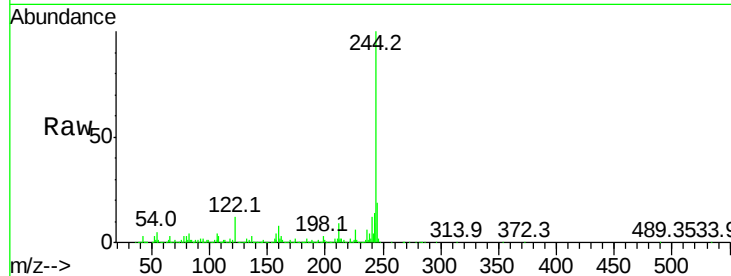
Tot Ion:244 Resp: 1180841

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

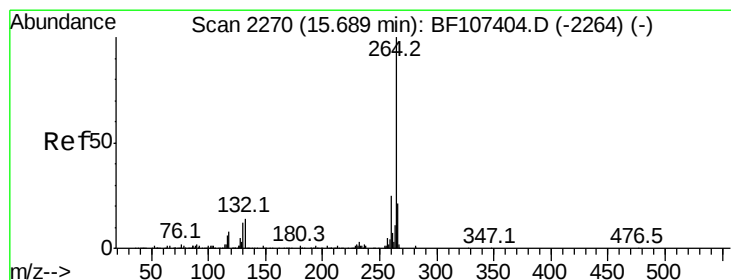
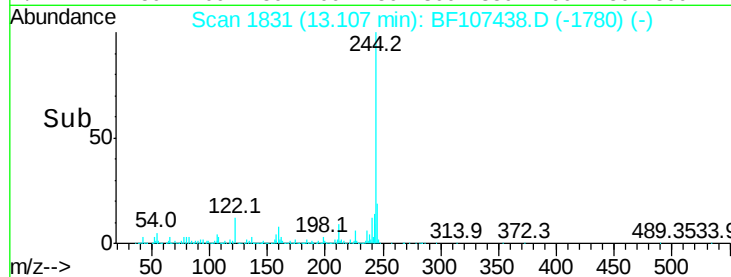
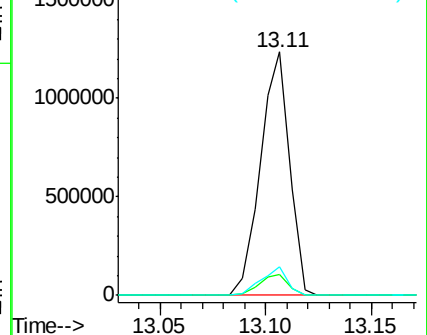
122 11.5 11.0 16.4



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: 15.70 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

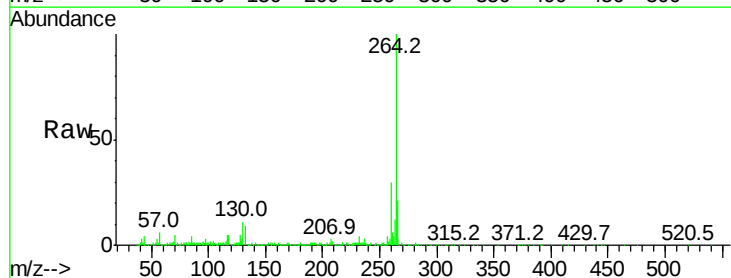
Tgt Ion:264 Resp: 406120

Ion Ratio Lower Upper

264 100

260 29.8 19.2 28.8#

265 20.6 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

