

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107412.D
 Acq On : 16 Jul 2018 19:45
 Operator : JU/SJ
 Sample : J3976-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033

Quant Time: Jul 17 01:30:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

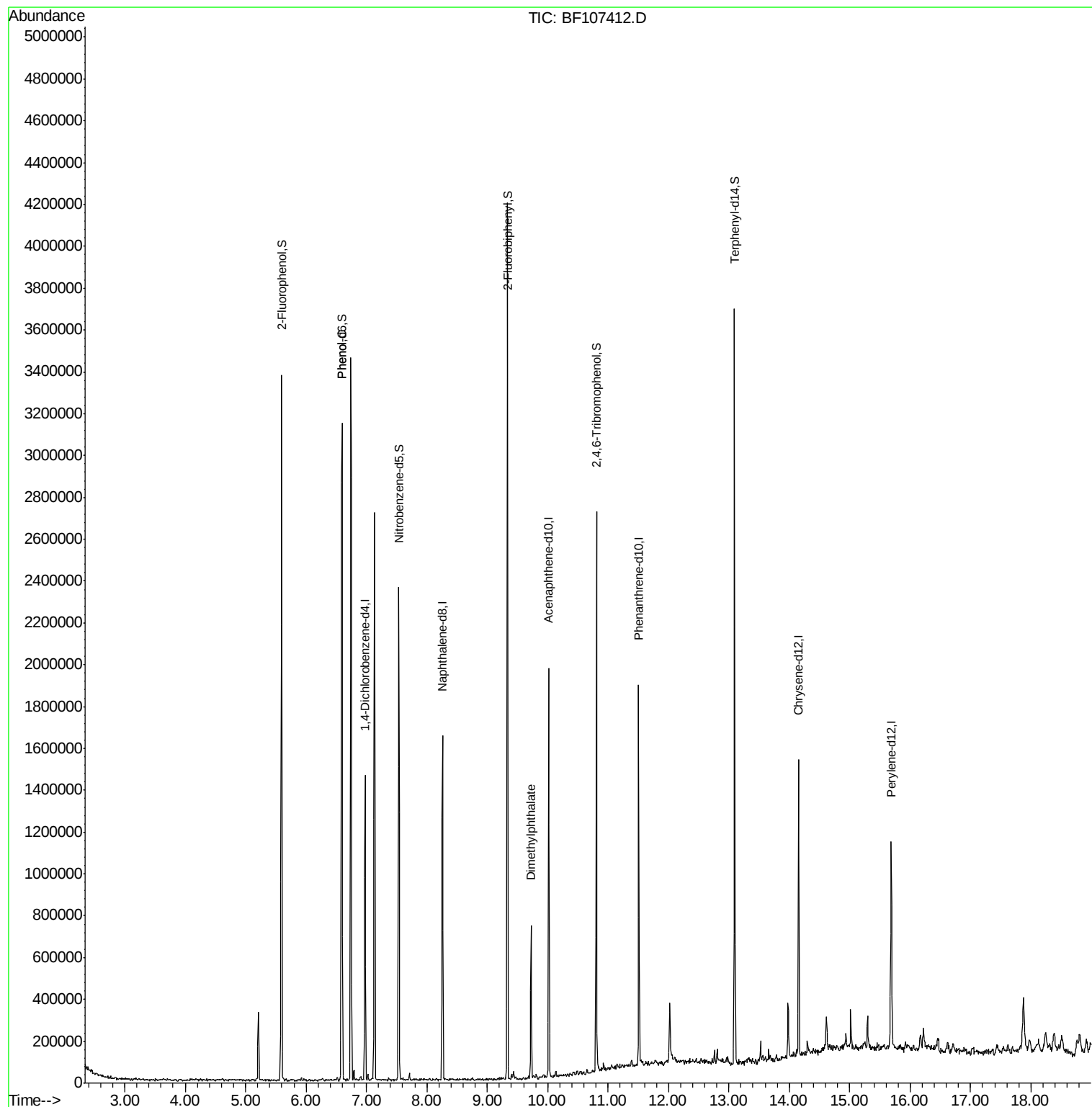
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	155440	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	598776	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	313467	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	641252	20.00	ng	0.00
75) Chrysene-d12	14.15	240	455190	20.00	ng	0.00
86) Perylene-d12	15.69	264	440385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	736751	71.99	ng	0.00
7) Phenol-d6	6.60	99	973169	73.54	ng	0.00
23) Nitrobenzene-d5	7.54	82	670361	59.70	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	213884	77.66	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1147921	57.56	ng	0.00
78) Terphenyl-d14	13.10	244	1127206	61.53	ng	0.00
Target Compounds						
10) Phenol	6.60	94	29247	2.062	ng	# 59
49) Dimethylphthalate	9.72	163	215894	8.668	ng	# 98

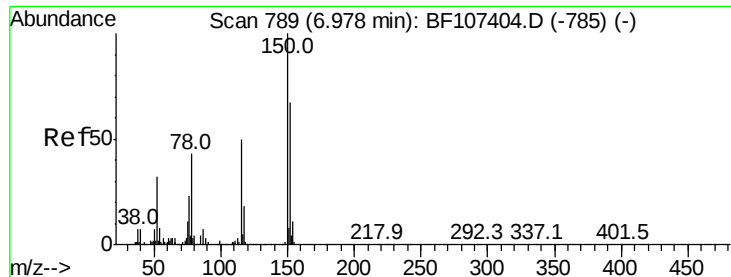
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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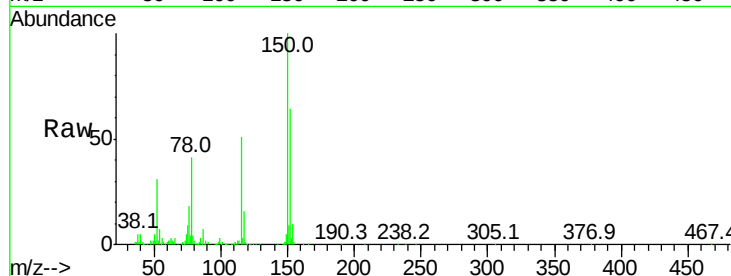


#1

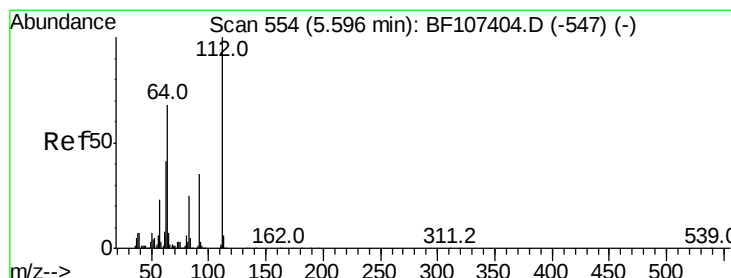
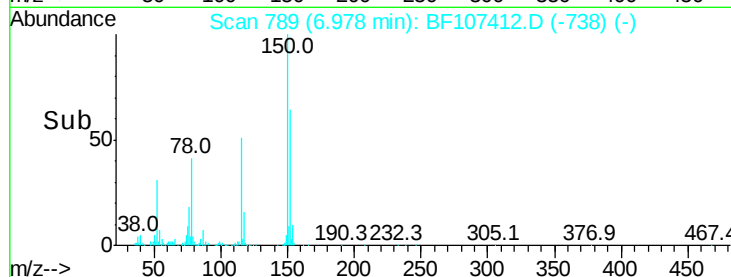
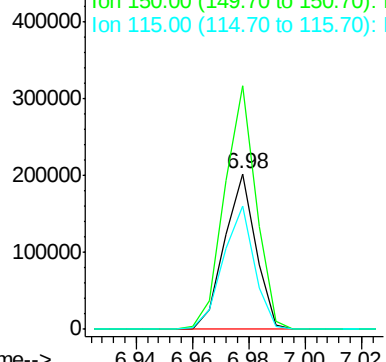
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107412.D
 Acq: 16 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	79.5	50.1	75.1#



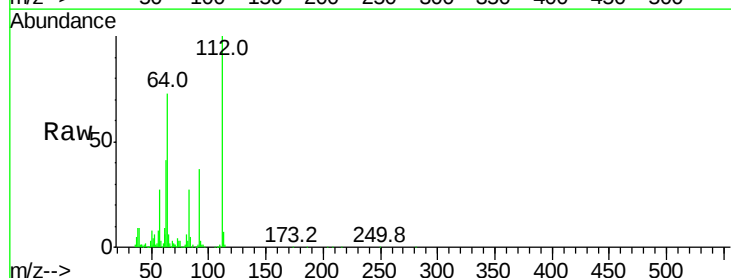
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



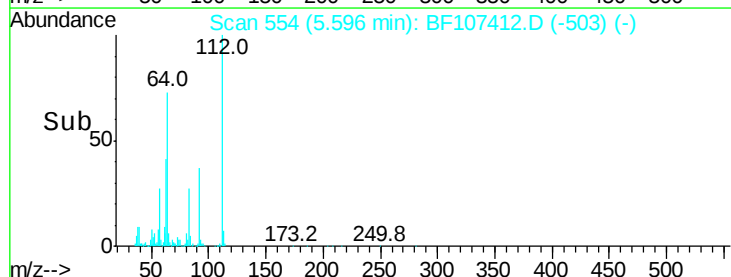
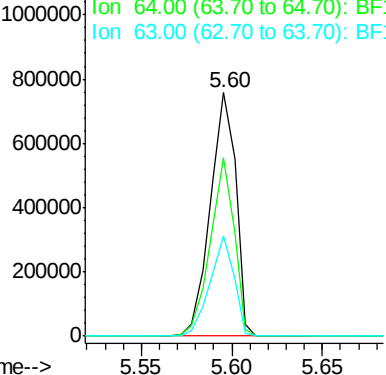
#5

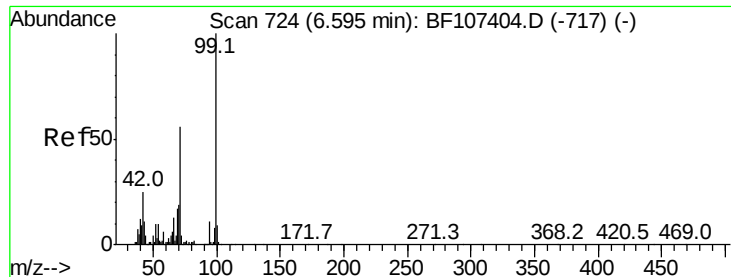
2-Fluorophenol
 Concen: 71.985 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107412.D
 Acq: 16 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	47.9	71.9#
63	41.4	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: 73.544 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033

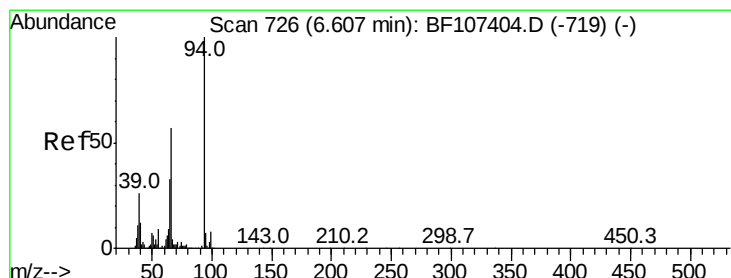
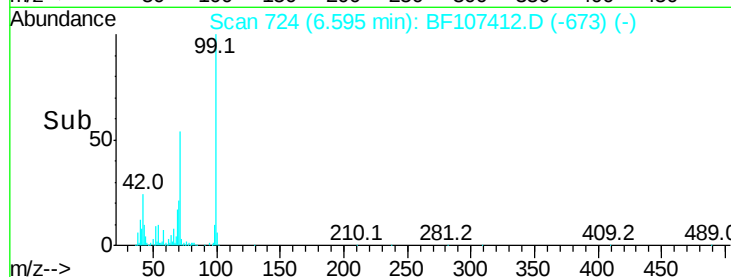
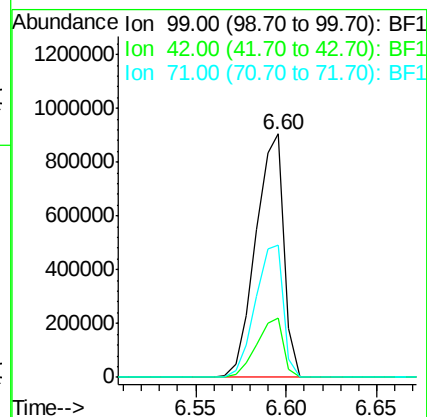
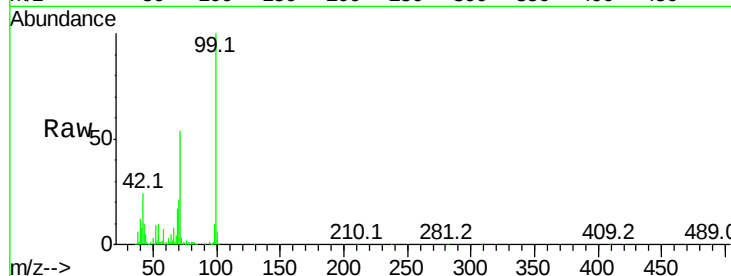
Tot Ion: 99 Resp: 973169

Ion Ratio Lower Upper

99 100

42 24.2 14.5 21.7#

71 54.1 25.4 38.0#



#10

Phenol

Concen: 2.062 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

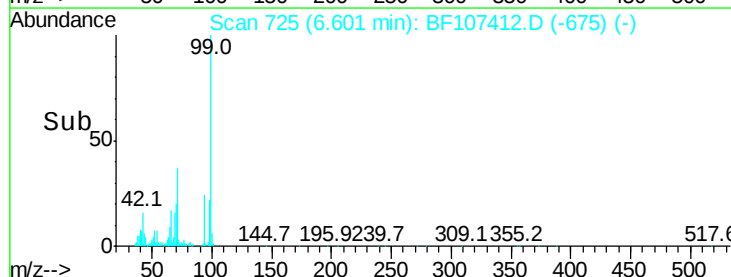
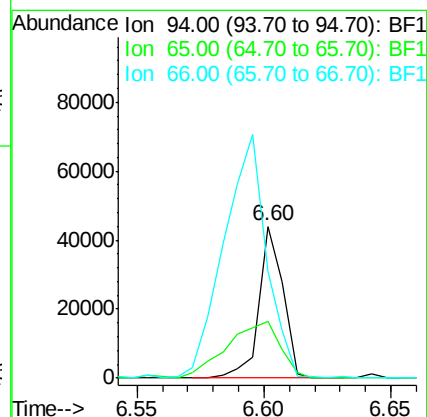
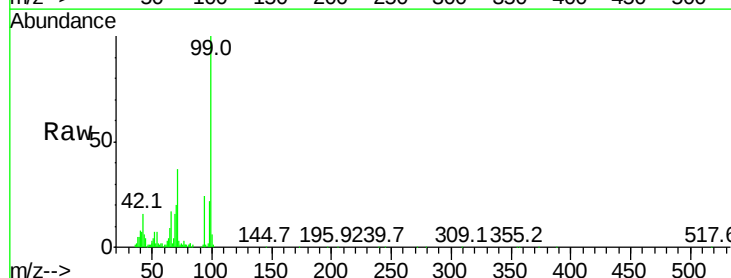
Tgt Ion: 94 Resp: 29247

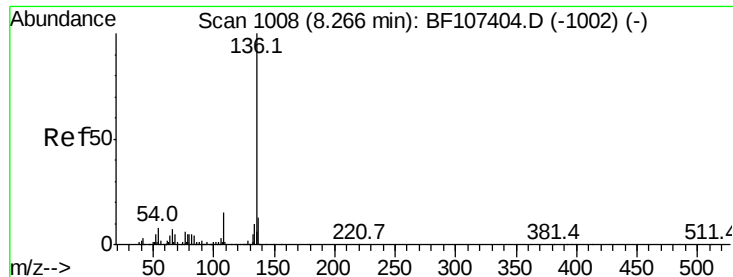
Ion Ratio Lower Upper

94 100

65 37.4 7.9 47.9

66 70.5 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033

Tot Ion:136 Resp: 598776

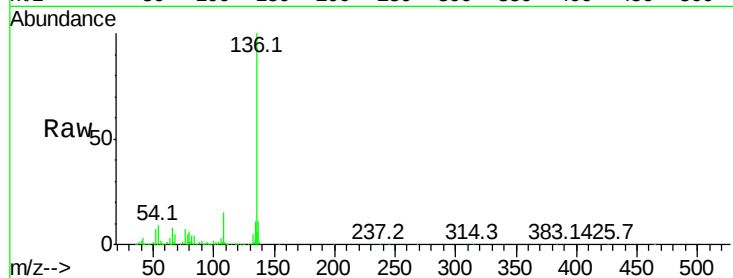
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 5.2 5.0 7.4

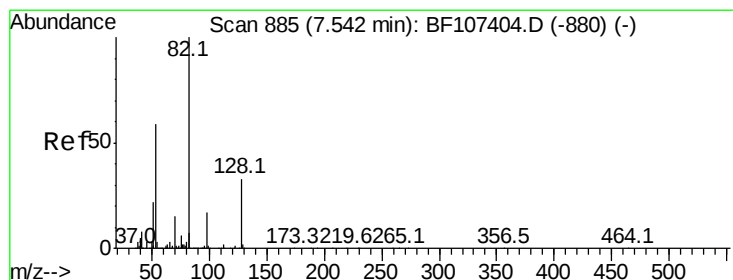
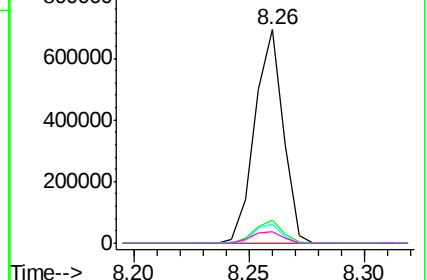
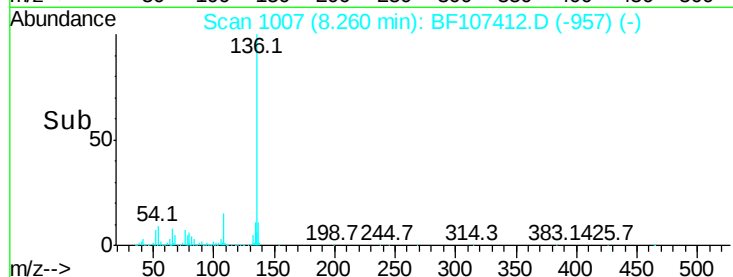


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.699 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

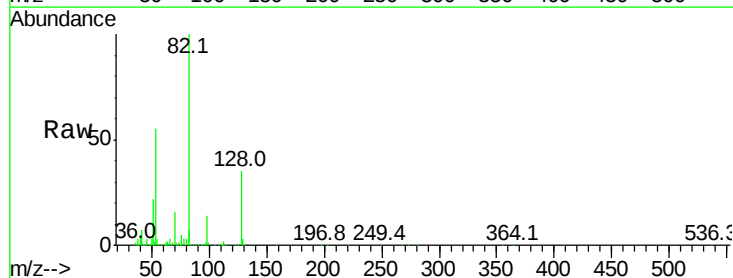
Tgt Ion: 82 Resp: 670361

Ion Ratio Lower Upper

82 100

128 34.8 36.1 54.1#

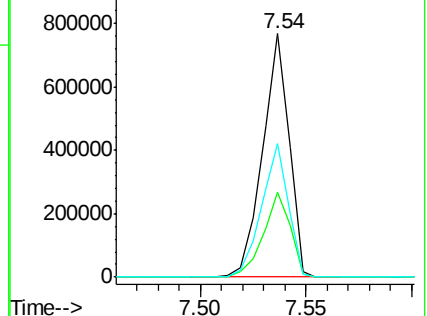
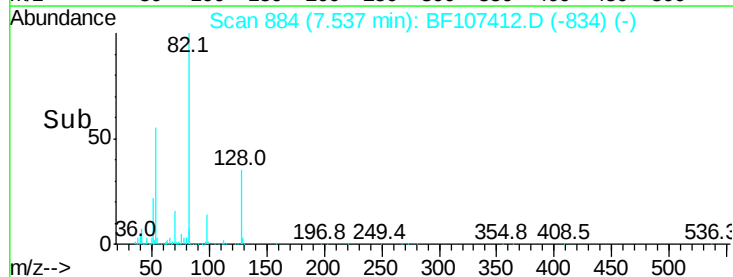
54 54.7 41.4 62.2

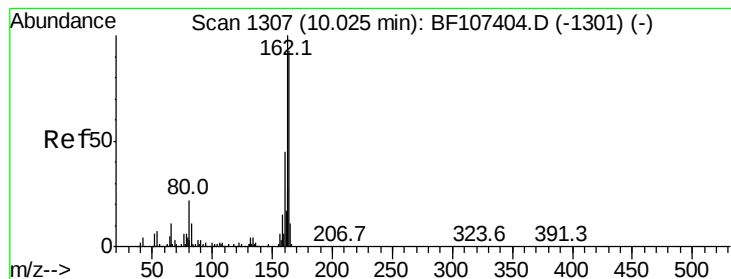


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1306

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033

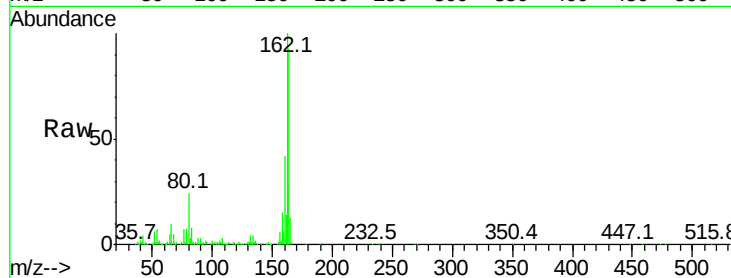
Tot Ion:164 Resp: 313467

Ion Ratio Lower Upper

164 100

162 107.7 86.1 129.1

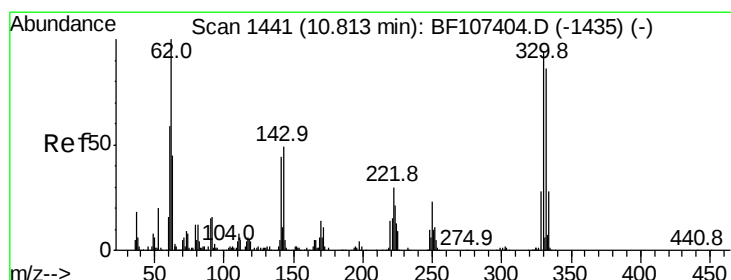
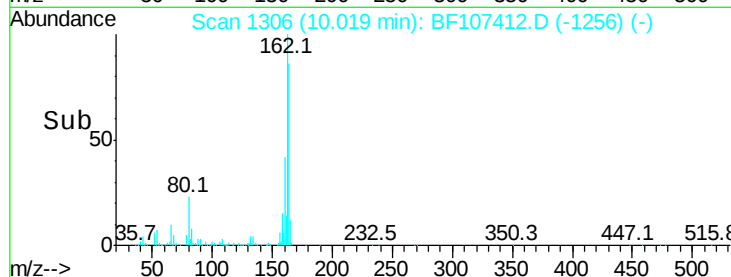
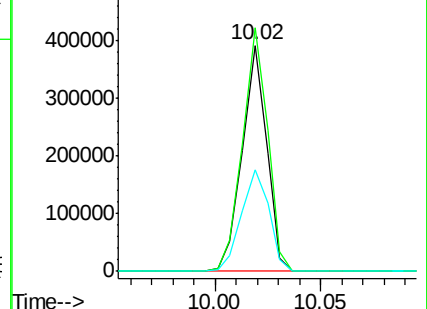
160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 77.658 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

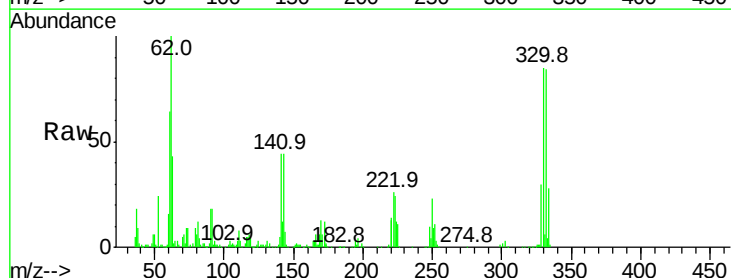
Tgt Ion:330 Resp: 213884

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

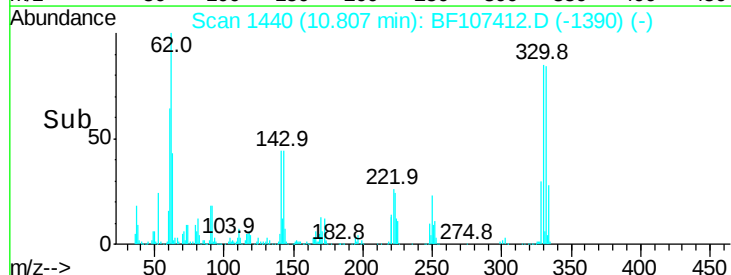
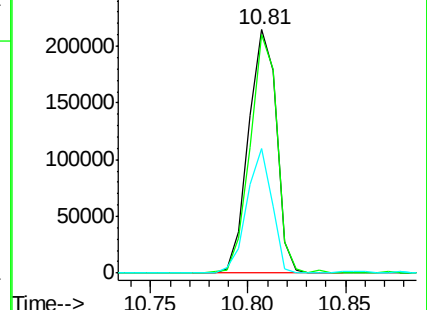
141 46.2 29.9 44.9#

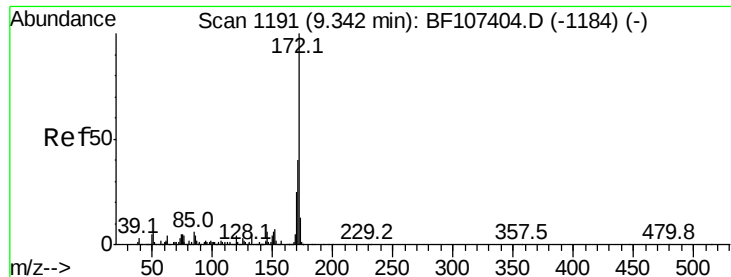


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



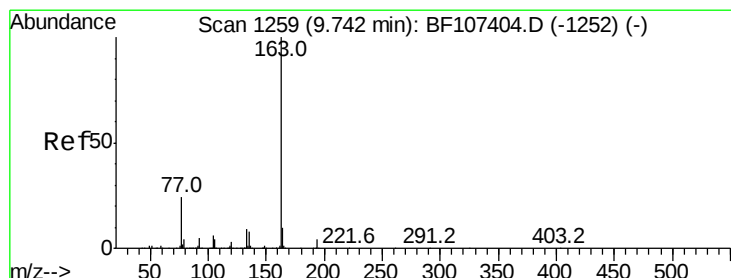
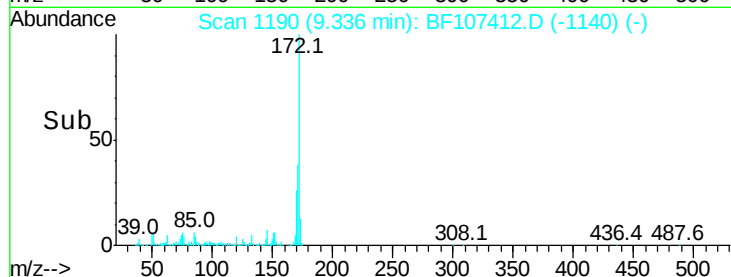
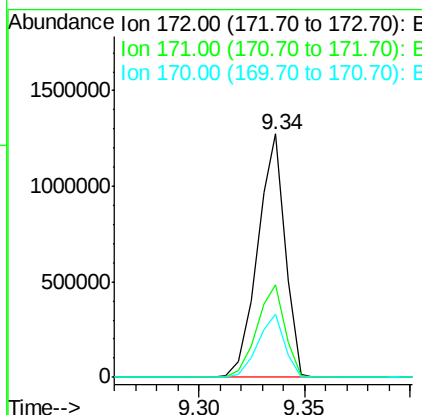
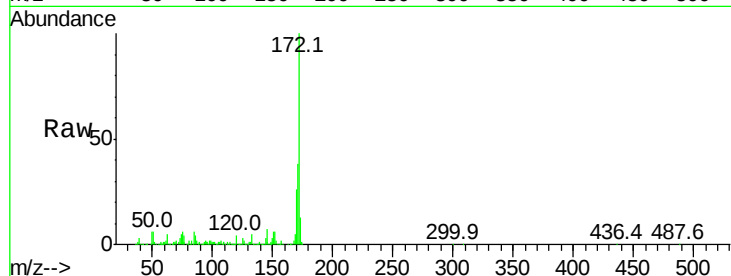


#44
2-Fluorobiphenyl
Concen: 57.559 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107412.D
Acq: 16 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033

Tot Ion:172 Resp: 1147921

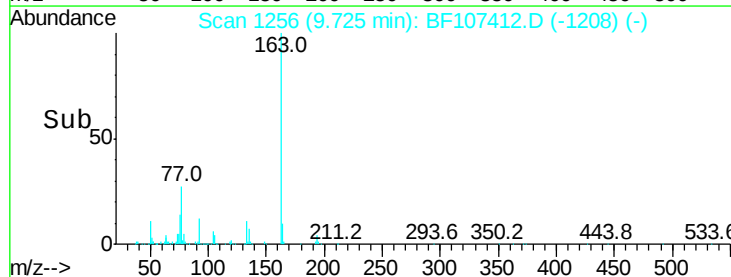
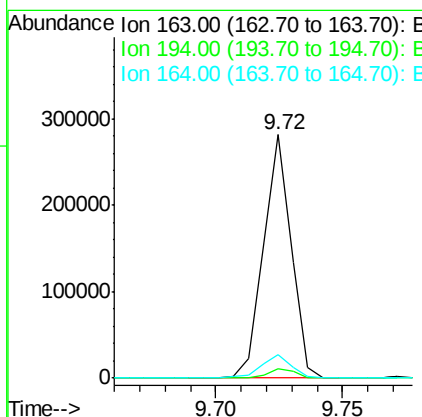
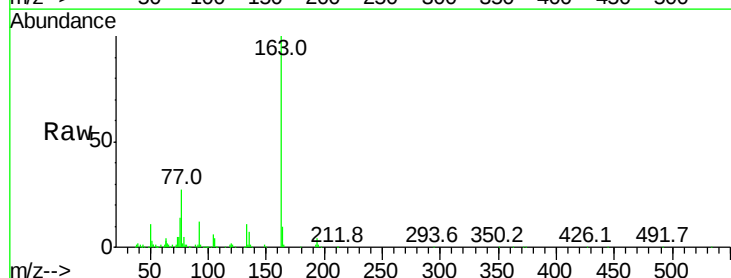
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.9	19.6	29.4

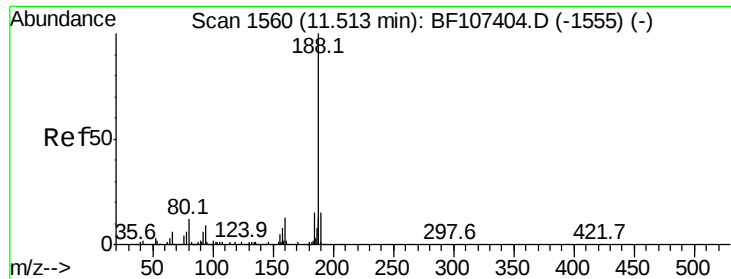


#49
Dimethylphthalate
Concen: 8.668 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF107412.D
Acq: 16 Jul 2018 19:45

Tgt Ion:163 Resp: 215894

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	9.8	8.2	12.2

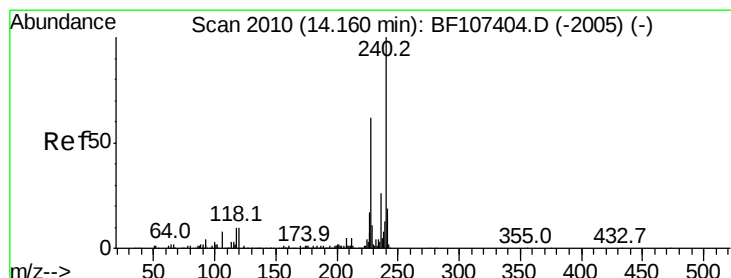
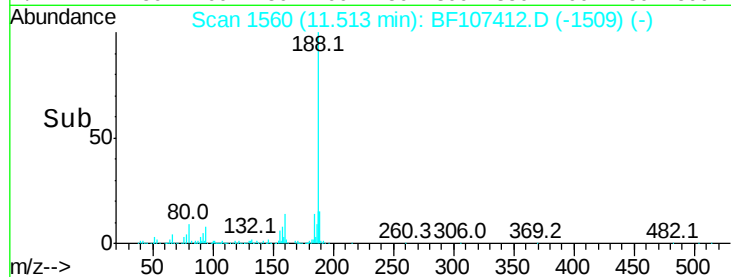
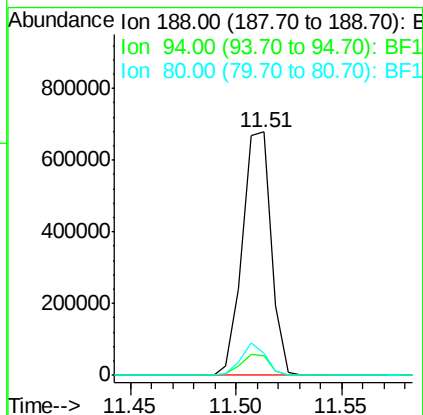
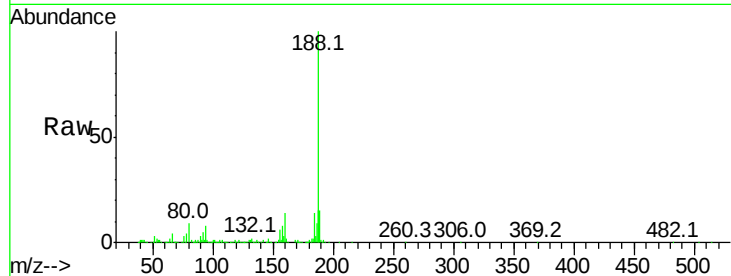




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107412.D
Acq: 16 Jul 2018 19:45

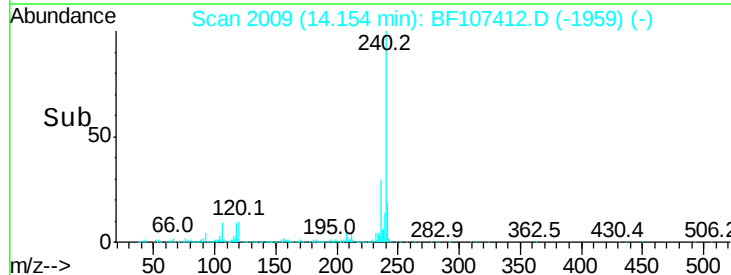
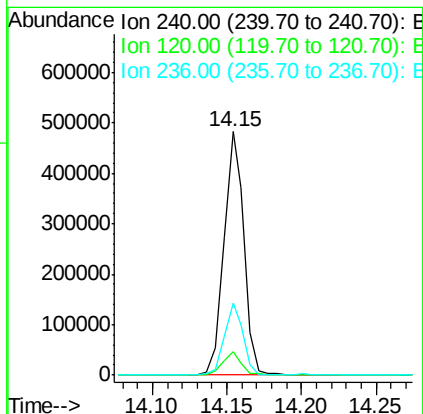
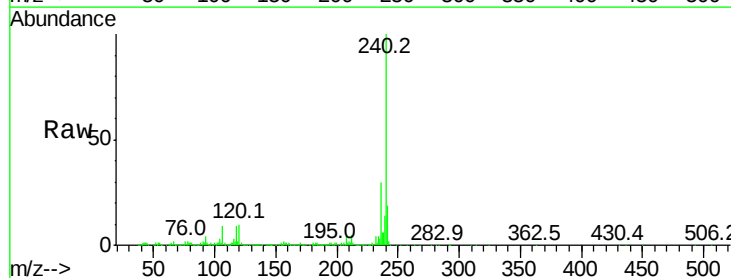
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033

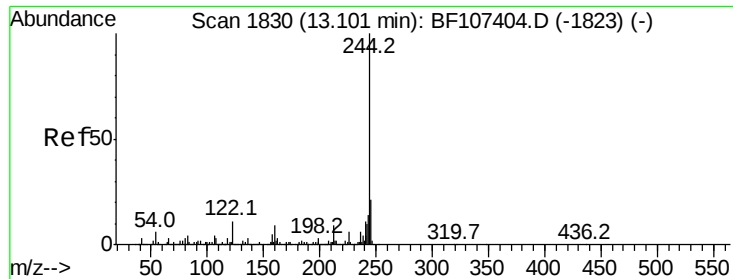
Tot Ion:188 Resp: 641252
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107412.D
Acq: 16 Jul 2018 19:45

Tgt Ion:240 Resp: 455190
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 29.8 20.7 31.1





#78

Terphenyl-d14

Concen: 61.527 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033

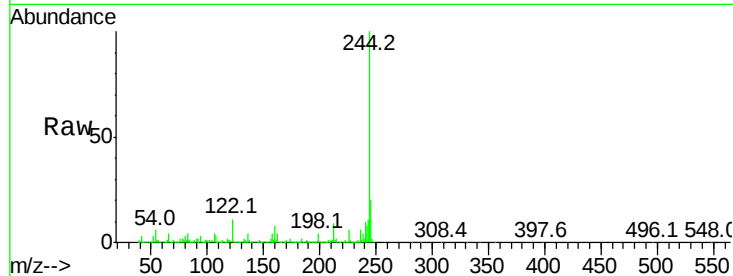
Tot Ion:244 Resp: 1127206

Ion Ratio Lower Upper

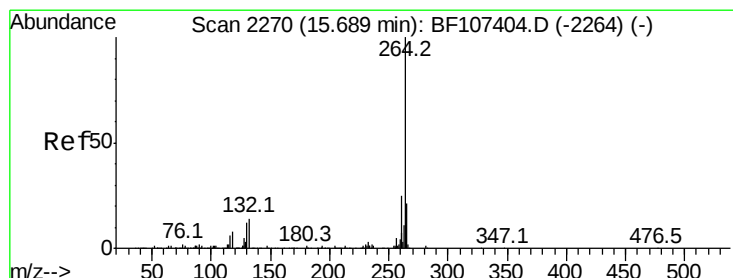
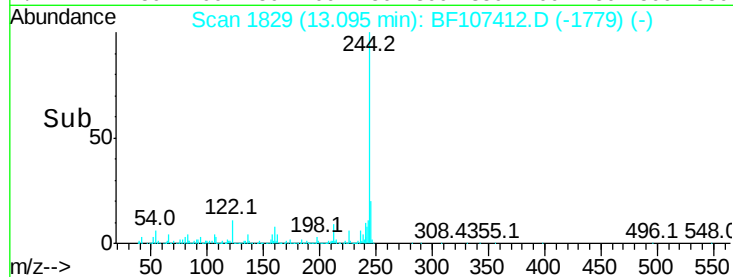
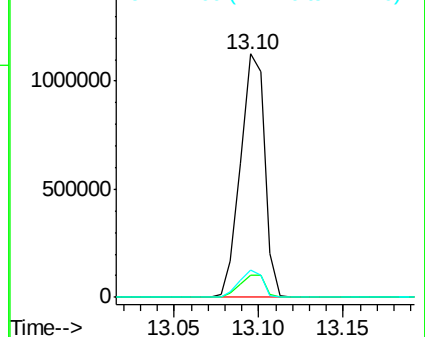
244 100

212 9.3 5.4 8.0#

122 11.1 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: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF107412.D

Acq: 16 Jul 2018 19:45

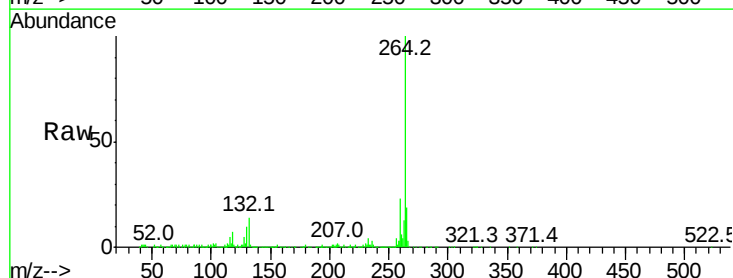
Tgt Ion:264 Resp: 440385

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 18.6 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

