

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107930.D
 Acq On : 3 Aug 2018 00:45
 Operator : JU/SJ
 Sample : J4287-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4742

Quant Time: Aug 03 05:18:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

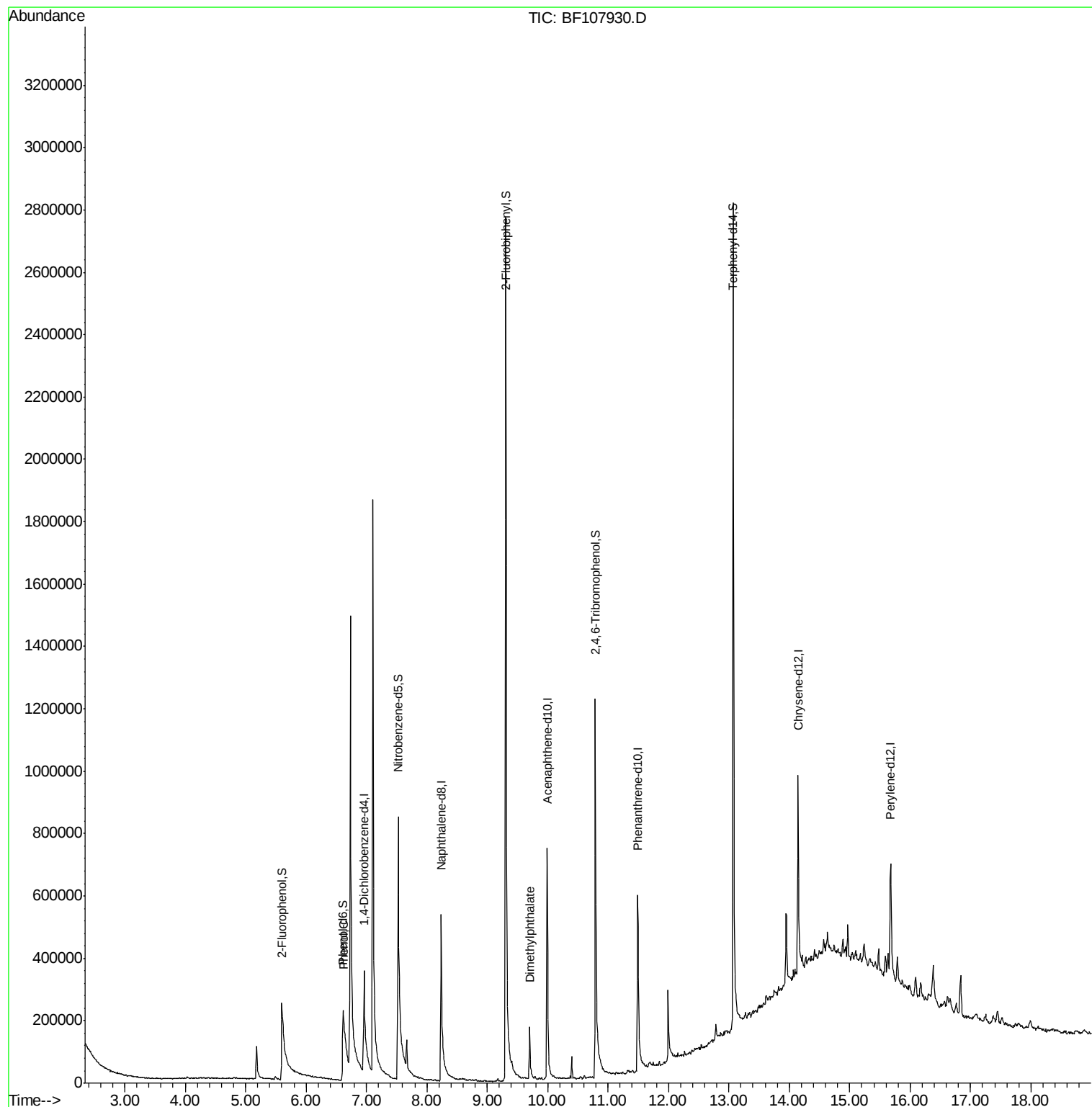
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	126021	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	519571	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	209917	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	378725	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	359361	20.00	ng	-0.01
86) Perylene-d12	15.68	264	284611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305113	41.15	ng	0.00
7) Phenol-d6	6.61	99	281885	28.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	710560	78.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	267053	93.63	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1275591	84.68	ng	-0.01
78) Terphenyl-d14	13.07	244	1215082	73.32	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	76867	6.596	ng	84
49) Dimethylphthalate	9.70	163	102666	6.512	ng	99

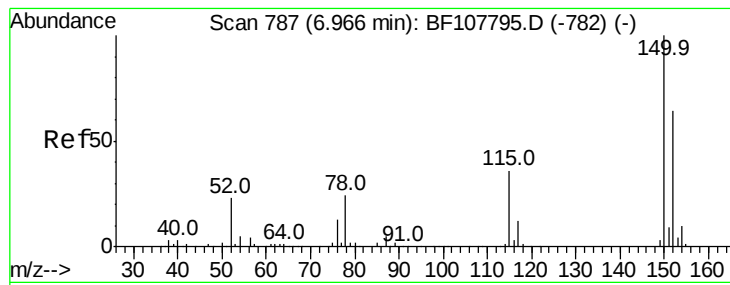
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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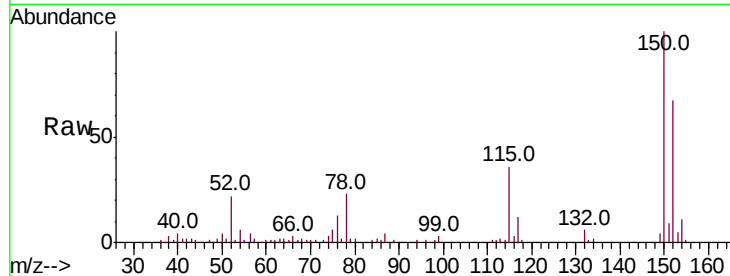


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
A4742

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.6	186.8
115	53.2	50.1	75.1

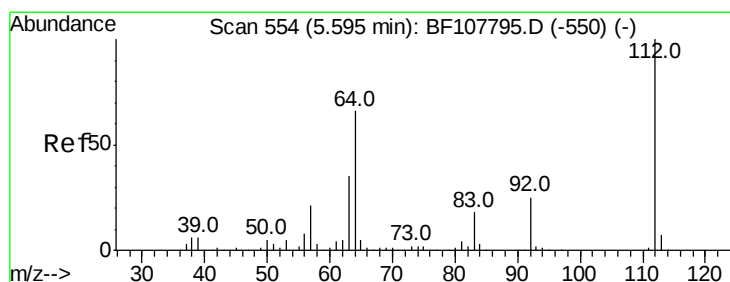
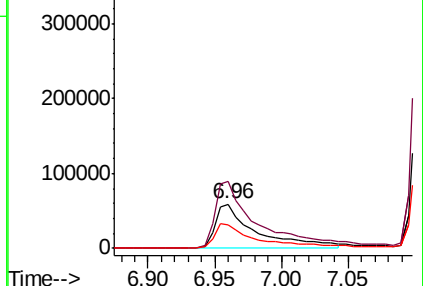
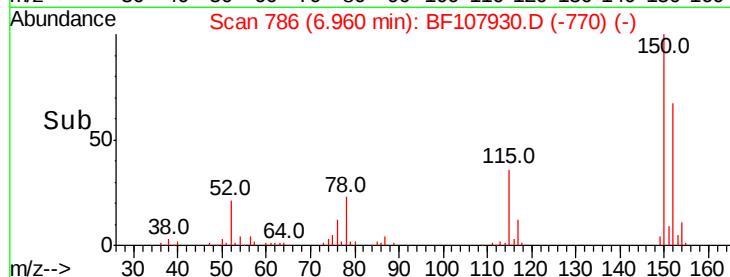


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

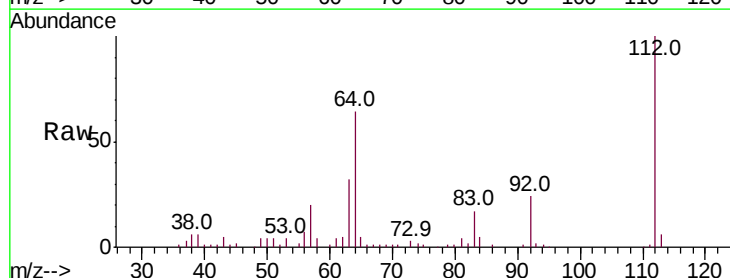
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.148 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.4	23.7	35.5

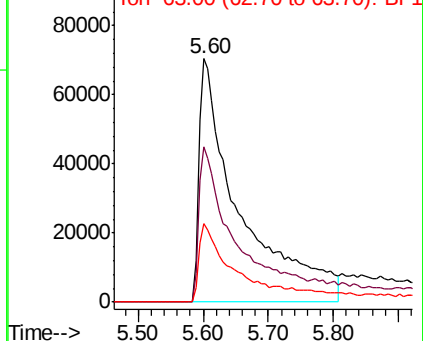
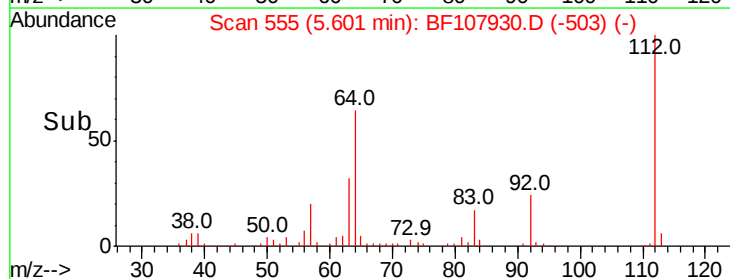


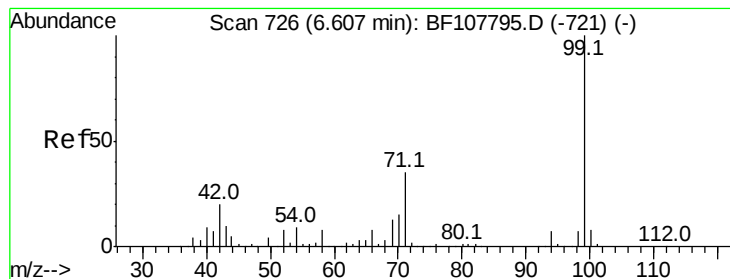
Abundance

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: 28.845 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampleId :

A4742

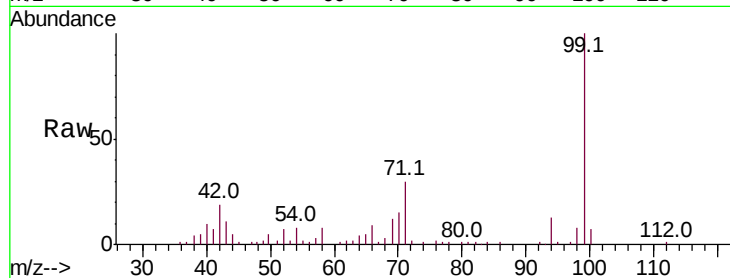
Tot Ion: 99 Resp: 281885

Ion Ratio Lower Upper

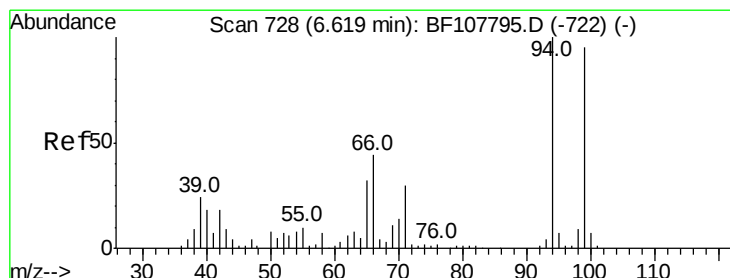
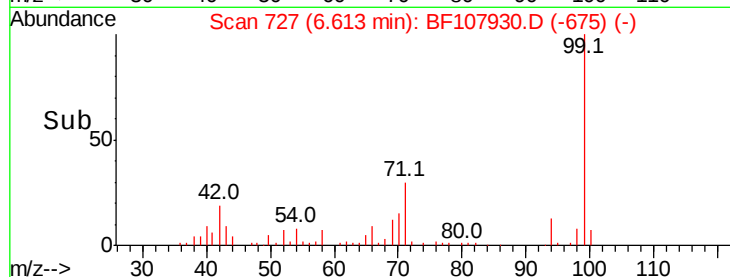
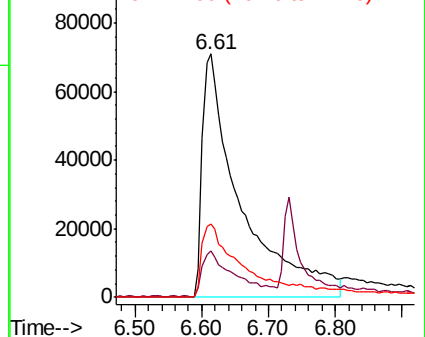
99 100

42 19.1 14.5 21.7

71 30.1 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: 6.596 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

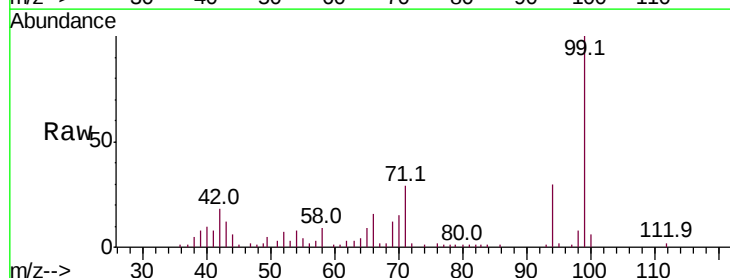
Tgt Ion: 94 Resp: 76867

Ion Ratio Lower Upper

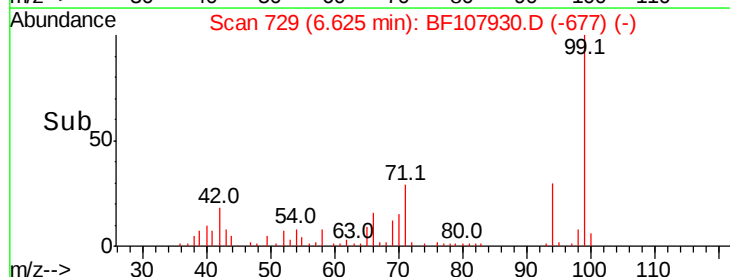
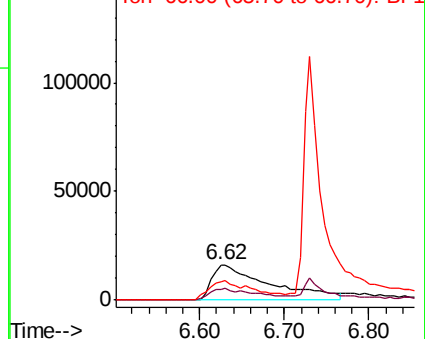
94 100

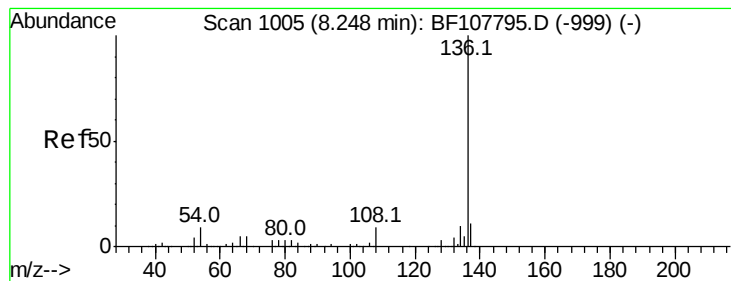
65 30.5 7.9 47.9

66 50.9 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampleId :

A4742

Tot Ion:136 Resp: 519571

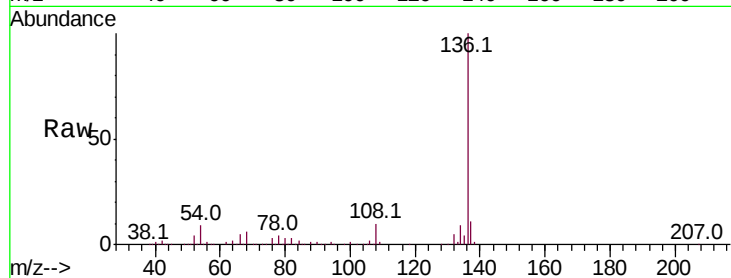
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.3 6.6 9.8

68 5.9 5.0 7.4

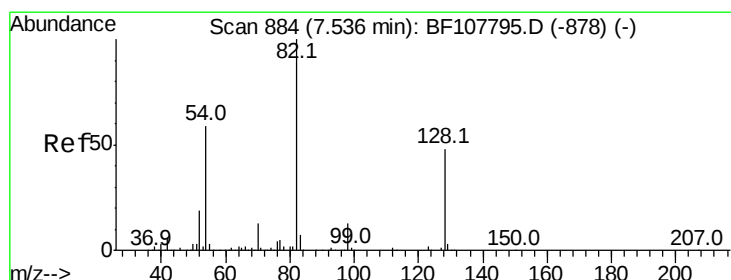
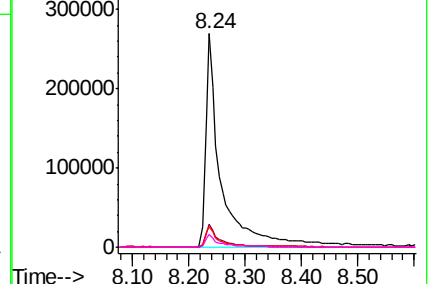
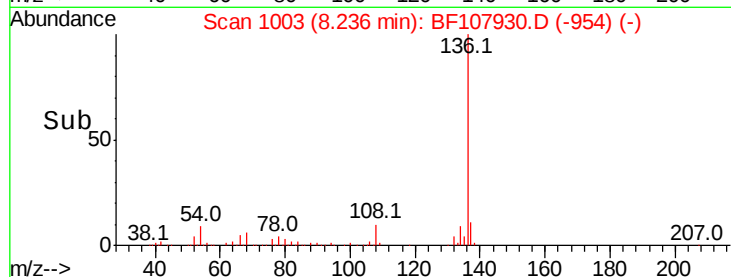


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.787 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

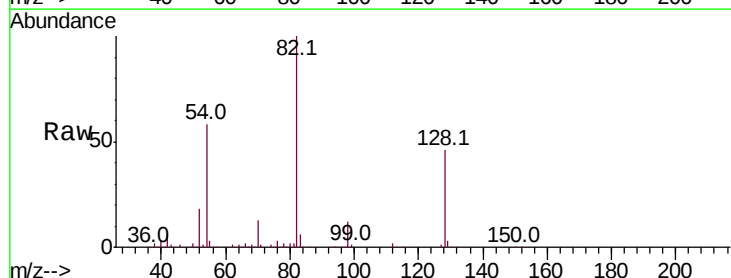
Tgt Ion: 82 Resp: 710560

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

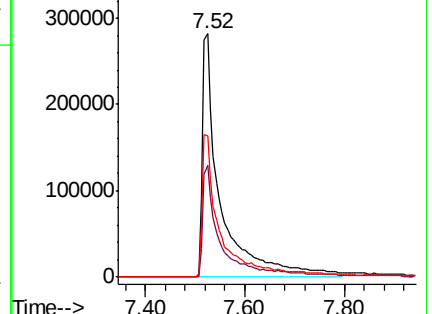
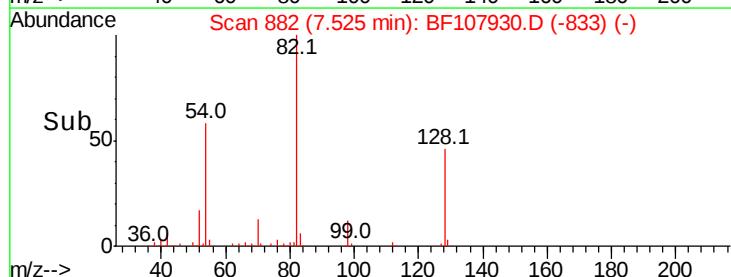
54 58.2 41.4 62.2

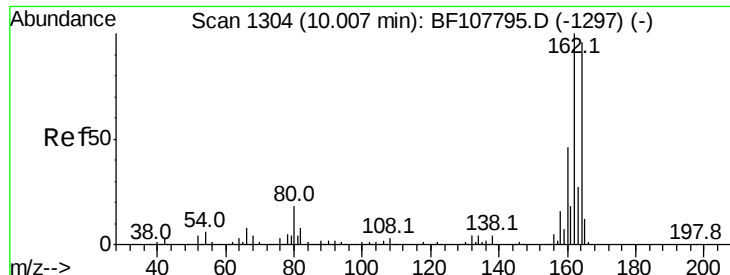


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

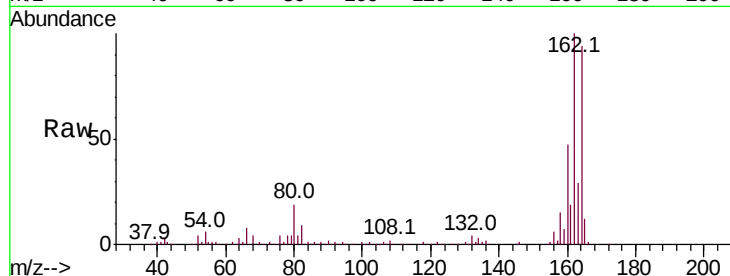




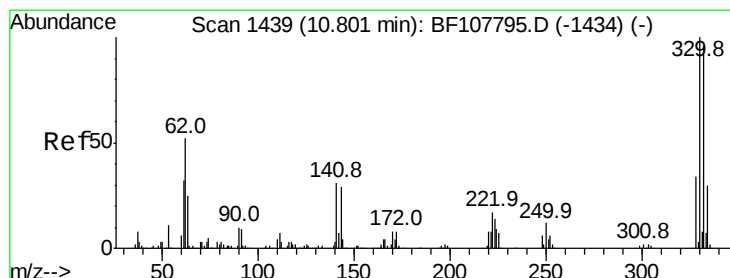
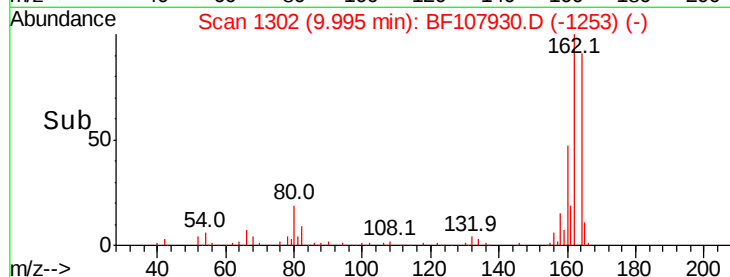
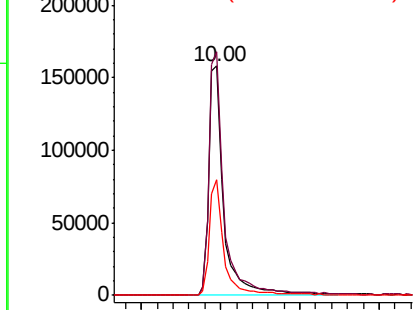
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107930.D
 Acq: 3 Aug 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 A4742

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	50.3	38.3	57.5

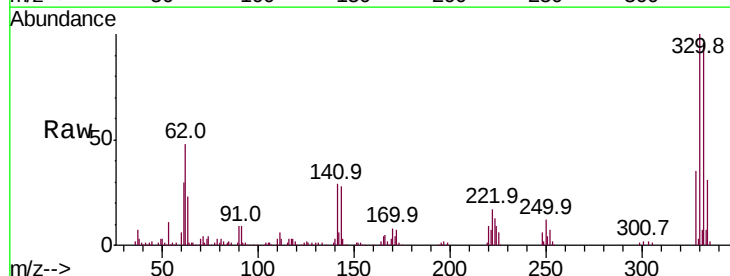


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

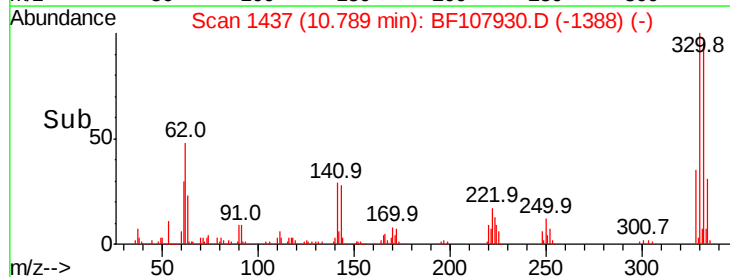
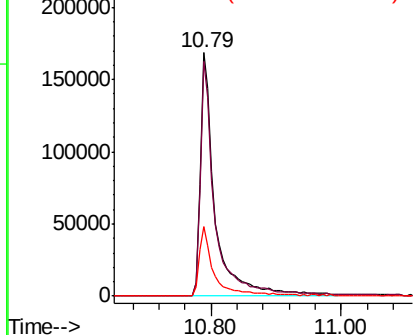


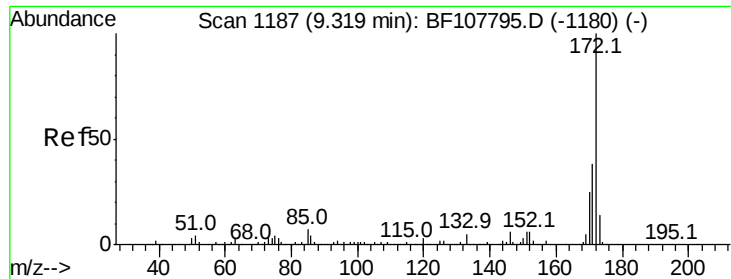
#41
 2,4,6-Tribromophenol
 Concen: 93.626 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107930.D
 Acq: 3 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	27.4	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

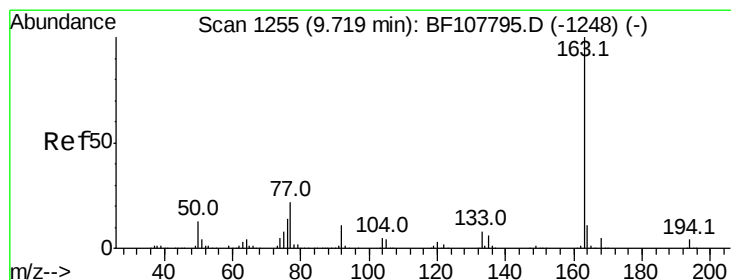
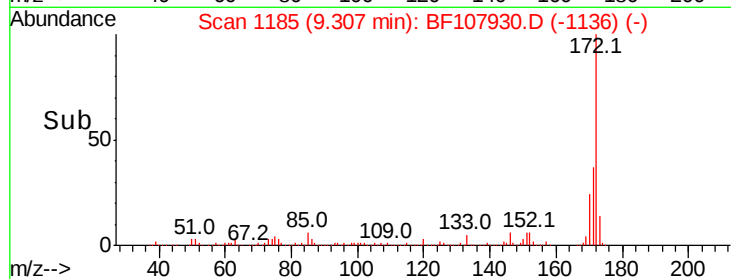
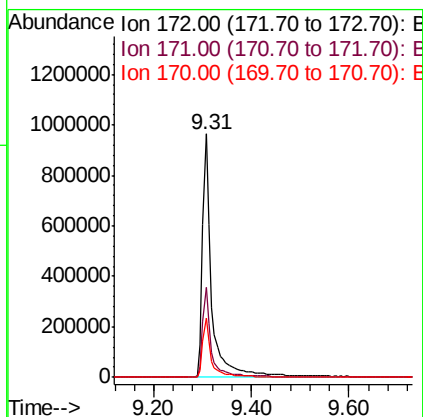
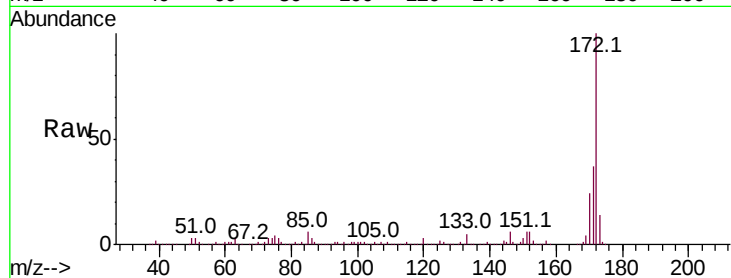




#44
2-Fluorobiphenyl
Concen: 84.677 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

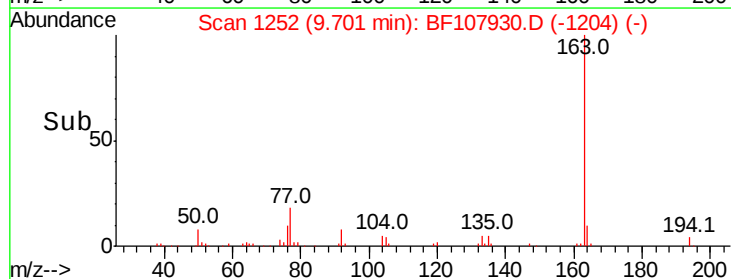
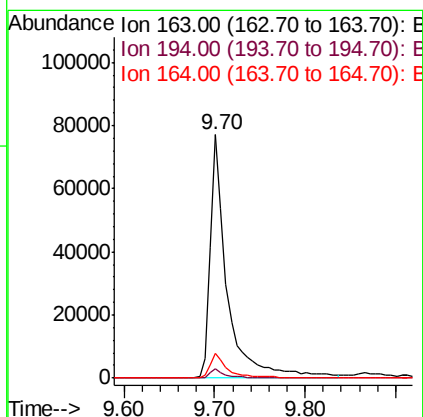
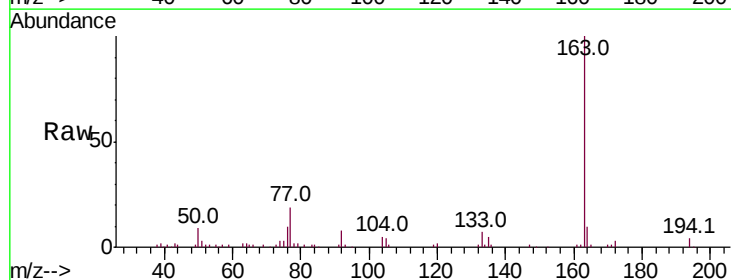
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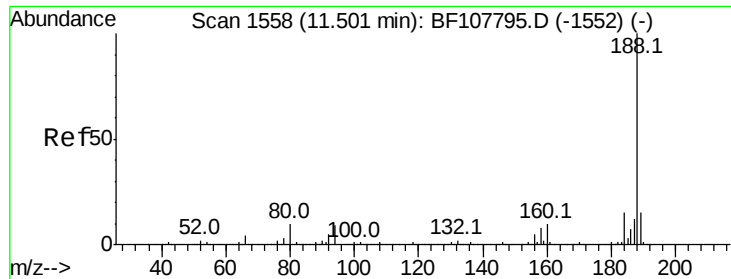
Tot Ion:172 Resp: 1275591
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 6.512 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion:163 Resp: 102666
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 8.2 12.2

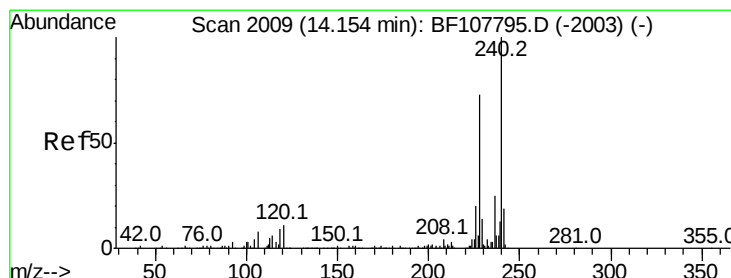
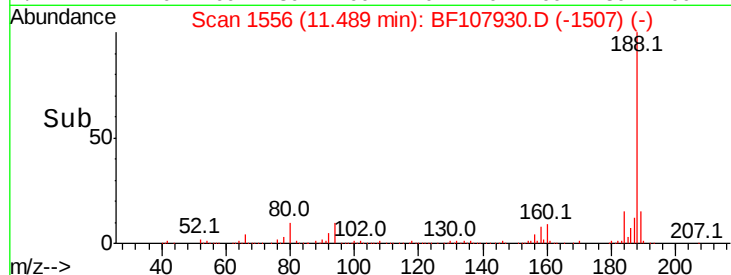
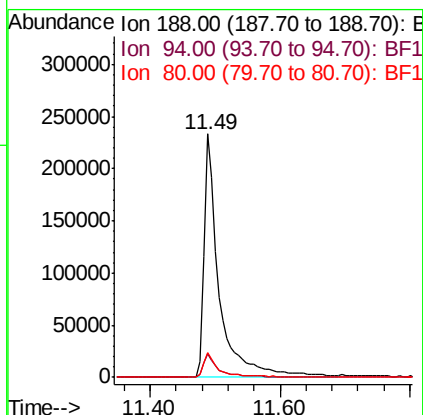
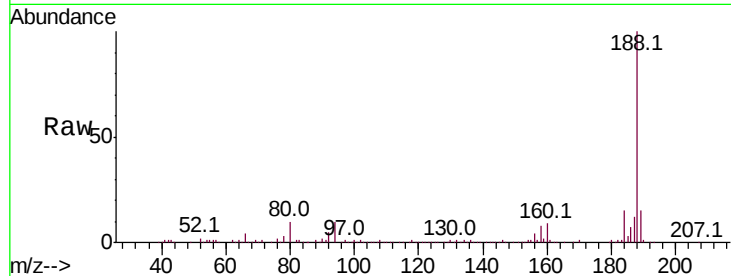




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

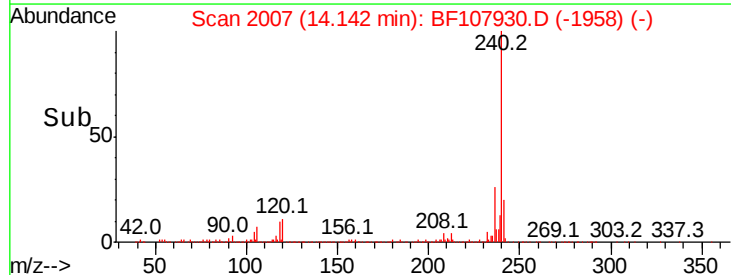
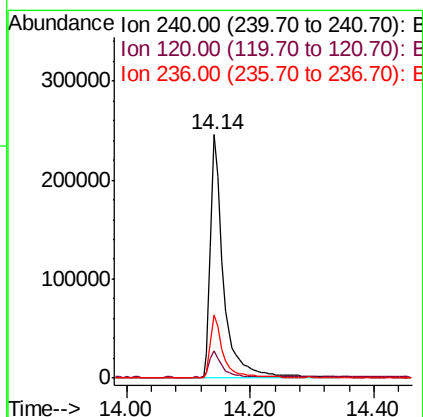
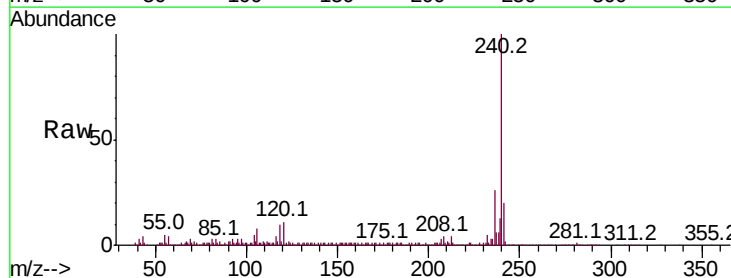
Instrument :
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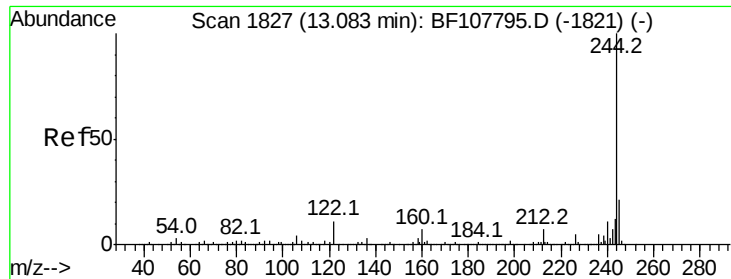
Tot Ion:188 Resp: 378725
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107930.D
Acq: 3 Aug 2018 00:45

Tgt Ion:240 Resp: 359361
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 73.320 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

Instrument :

BNA_F

ClientSampleId :

A4742

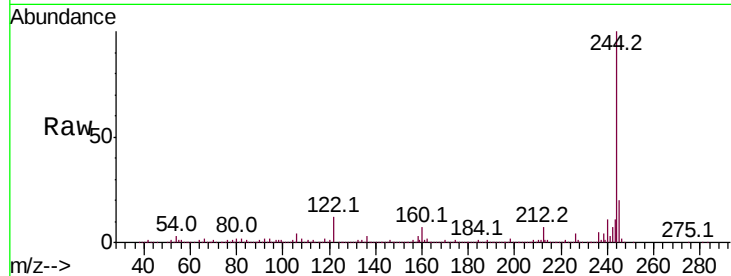
Tot Ion:244 Resp: 1215082

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

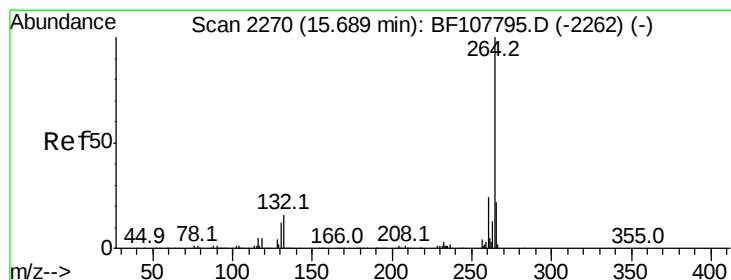
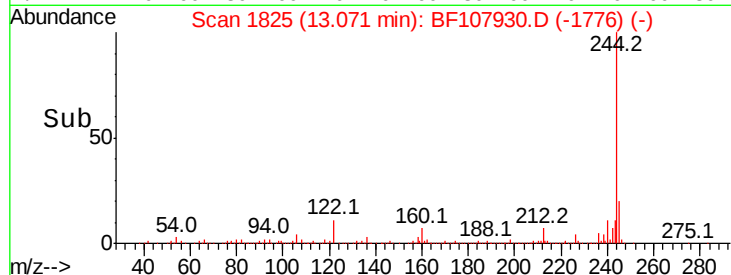
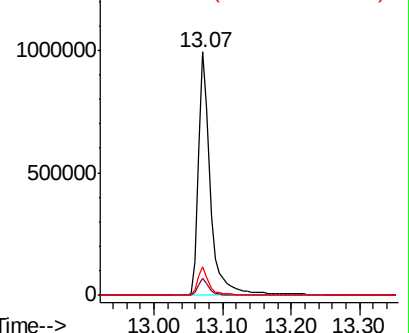
122 11.5 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107930.D

Acq: 3 Aug 2018 00:45

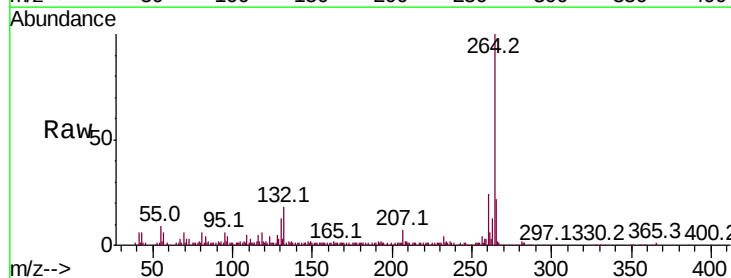
Tgt Ion:264 Resp: 284611

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 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

