

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107501.D
 Acq On : 19 Jul 2018 8:02
 Operator : JU/SJ
 Sample : J4027-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1-159

Quant Time: Jul 19 09:04:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

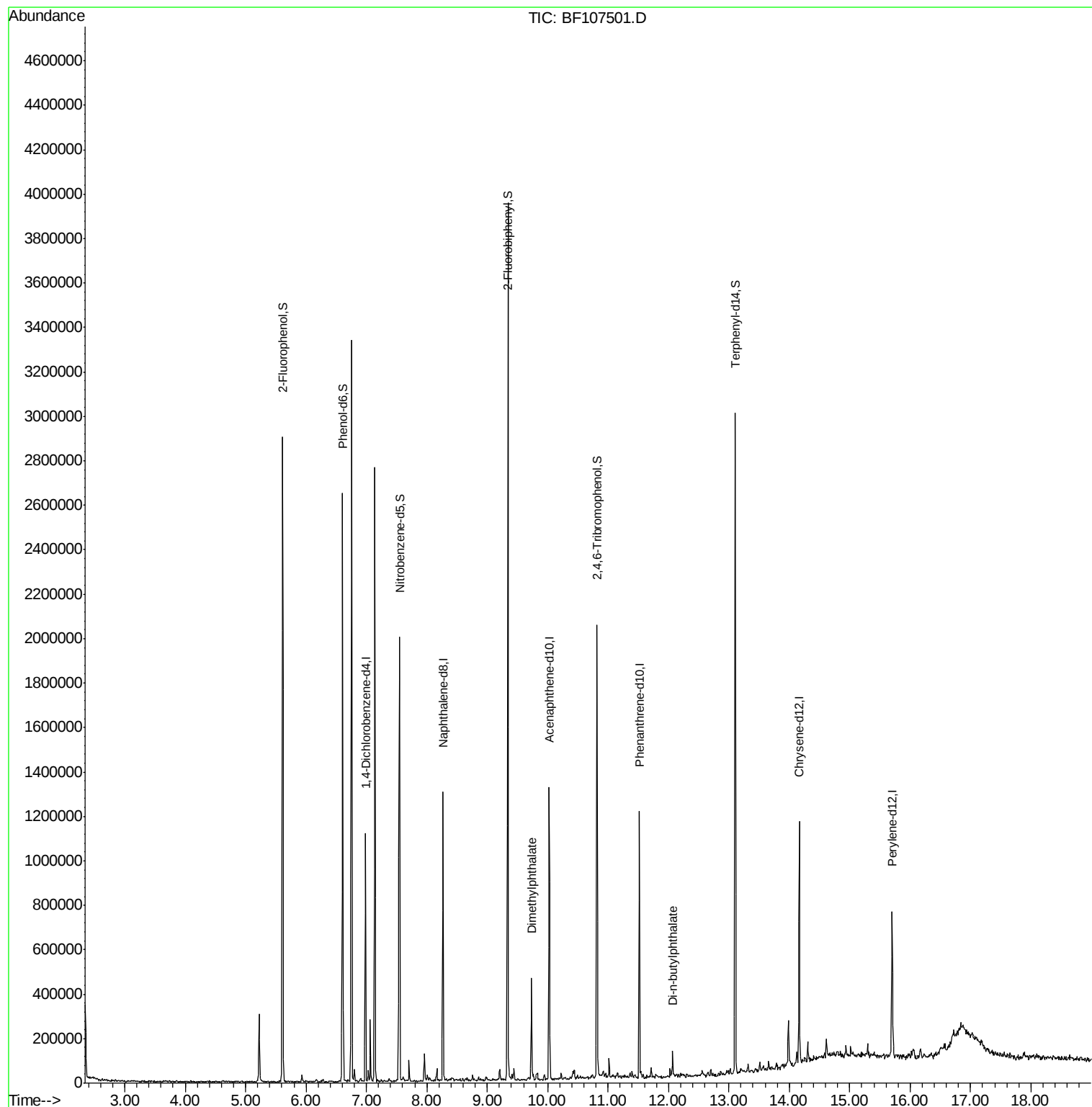
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	123808	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	439339	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	218652	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	372182	20.00	ng	0.00
75) Chrysene-d12	14.17	240	326457	20.00	ng	-0.01
86) Perylene-d12	15.71	264	307212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	656412	80.52	ng	0.00
7) Phenol-d6	6.61	99	833052	79.04	ng	0.00
23) Nitrobenzene-d5	7.55	82	634750	77.04	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	171705	89.38	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1079301	81.91	ng	0.00
78) Terphenyl-d14	13.11	244	933423	71.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	139428	8.026	ng	98
73) Di-n-butylphthalate	12.07	149	44176	2.198	ng	# 91

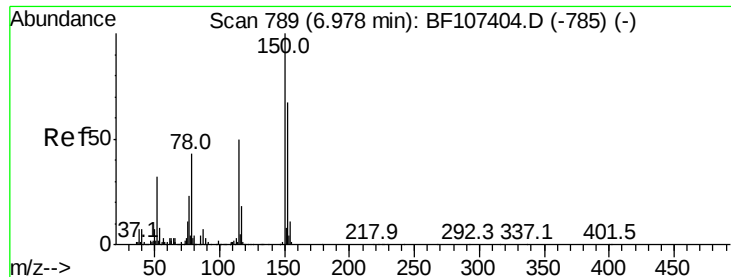
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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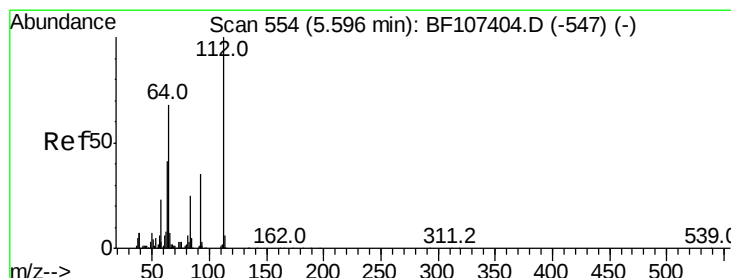
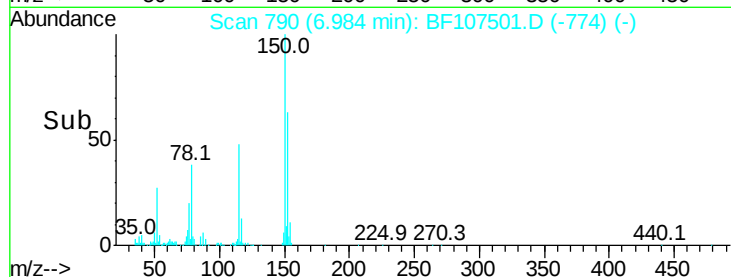
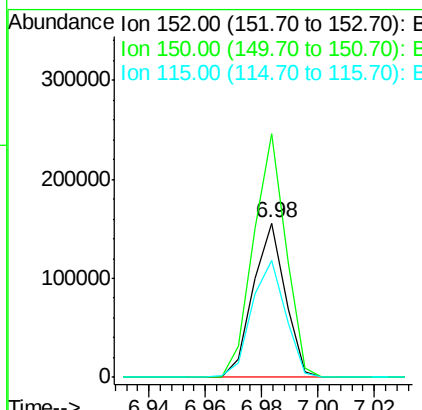
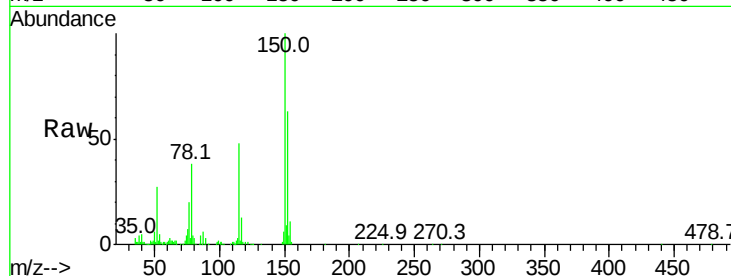


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1-159

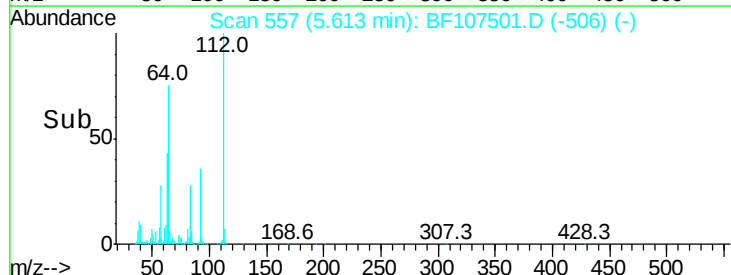
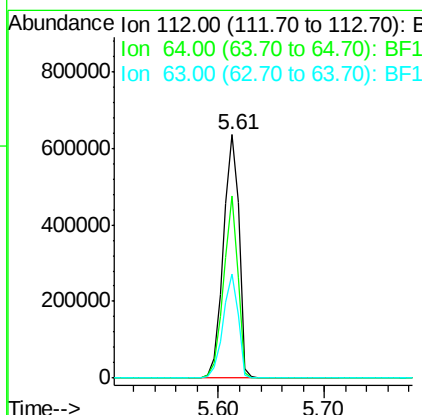
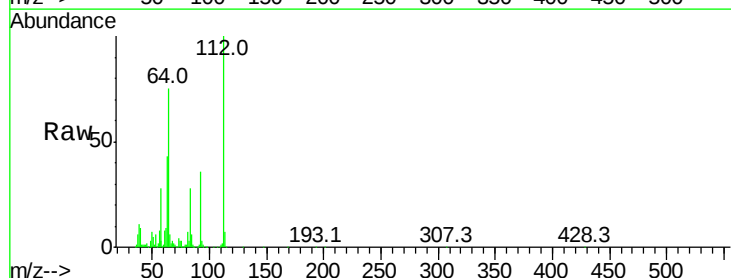
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	75.8	50.1	75.1#

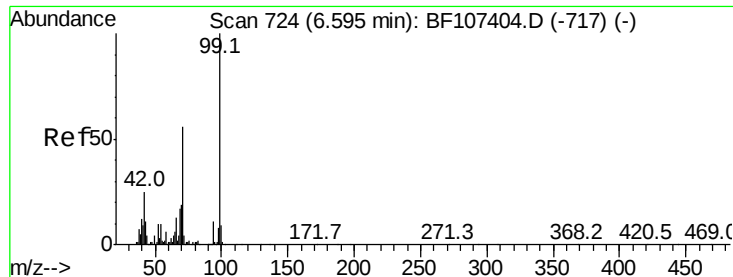


#5

2-Fluorophenol
 Concen: 80.522 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	42.7	23.7	35.5#





#7

Phenol-d6

Concen: 79.040 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

WALL-1-159

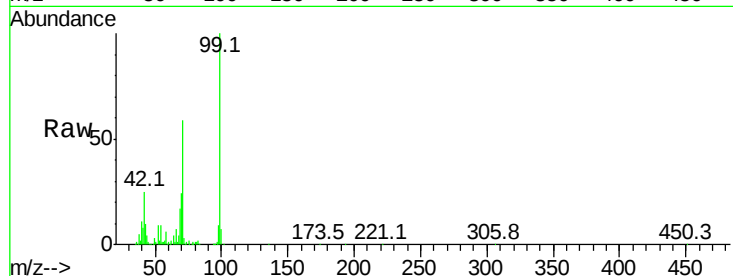
Tot Ion: 99 Resp: 833052

Ion Ratio Lower Upper

99 100

42 25.0 14.5 21.7#

71 59.1 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

1000000

800000

600000

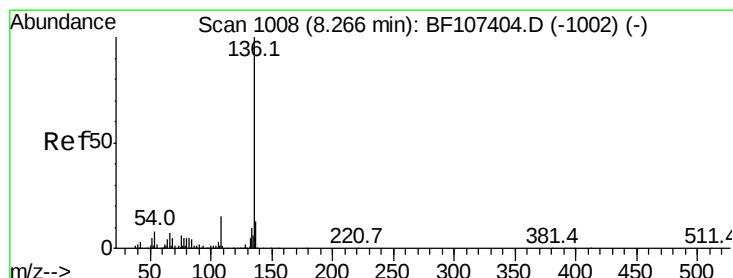
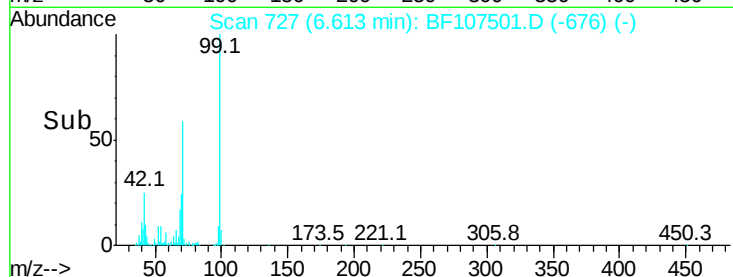
400000

200000

0

6.61

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Tgt Ion: 136 Resp: 439339

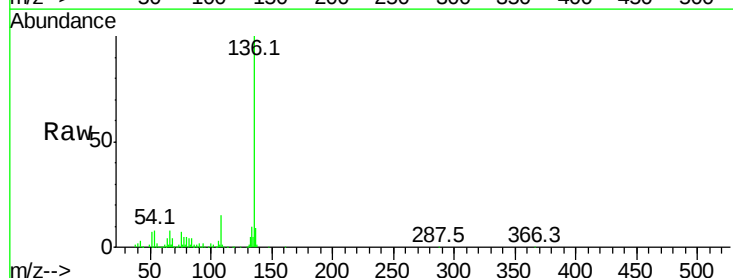
Ion Ratio Lower Upper

136 100

137 9.0 8.9 13.3

54 7.6 6.6 9.8

68 4.0 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

800000

600000

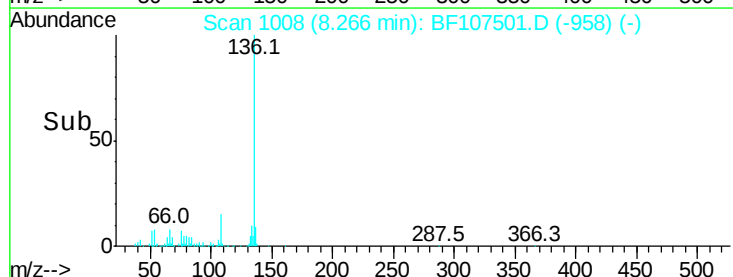
400000

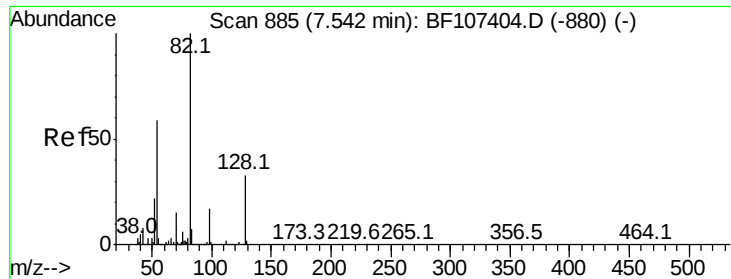
200000

0

8.27

Time-->

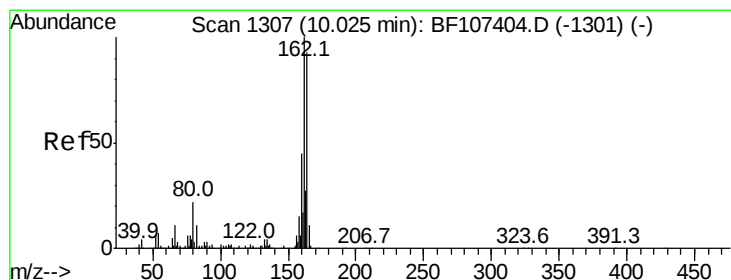
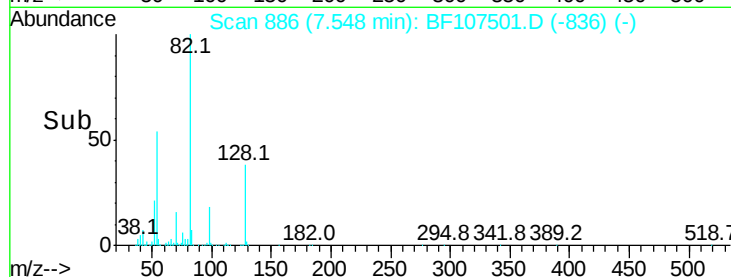
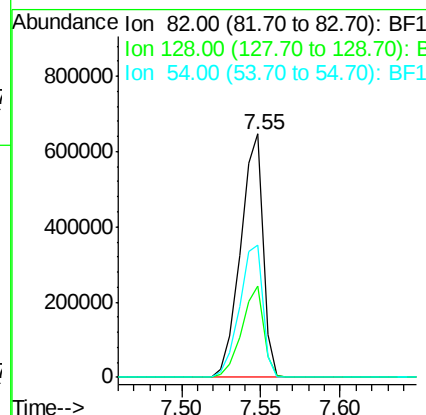
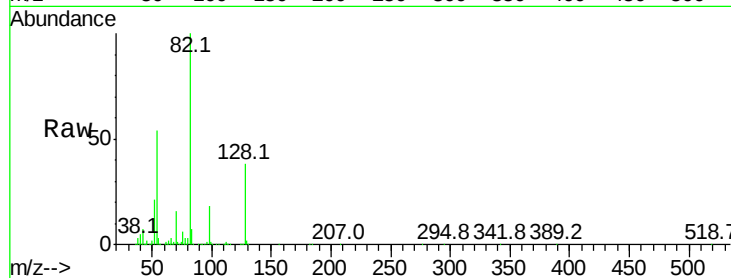




#23
 Nitrobenzene-d5
 Concen: 77.042 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

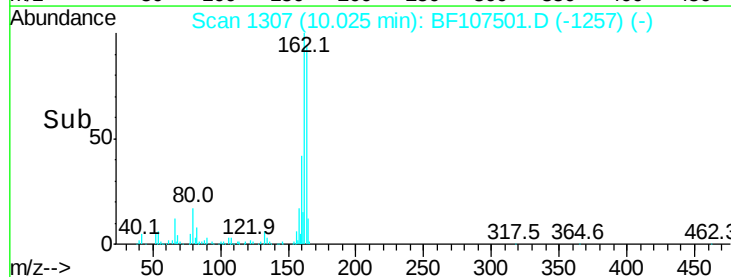
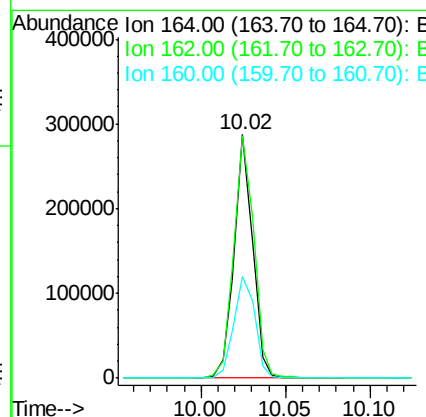
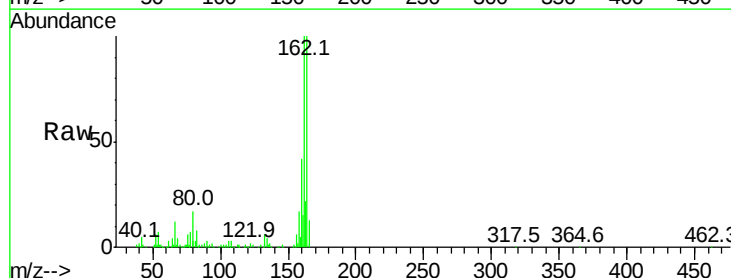
Instrument :
 BNA_F
 ClientSampleId :
 WALL-1-159

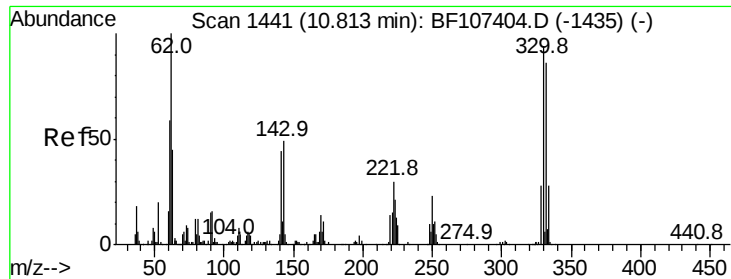
Tot Ion	82	Resp	634750
Ion Ratio	Lower	Upper	
82	100		
128	37.6	36.1	54.1
54	54.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107501.D
 Acq: 19 Jul 2018 8:02

Tgt Ion	164	Resp	218652
Ion Ratio	Lower	Upper	
164	100		
162	99.6	86.1	129.1
160	41.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 89.378 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

WALL-1-159

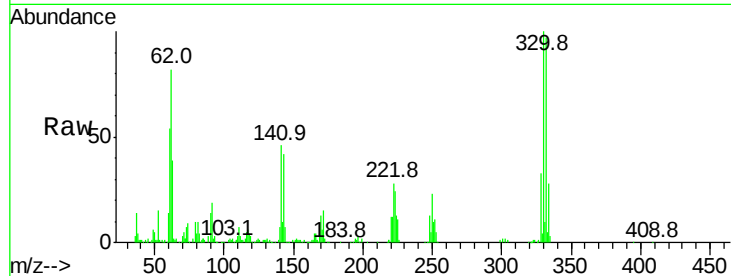
Tot Ion:330 Resp: 171705

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

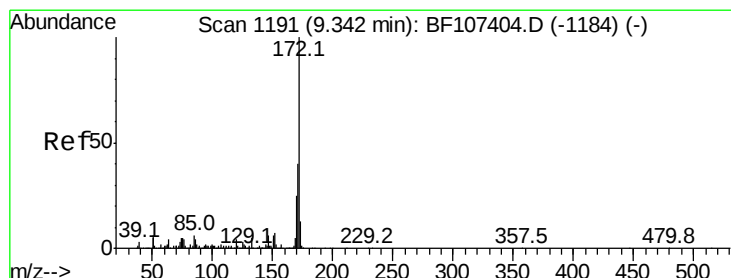
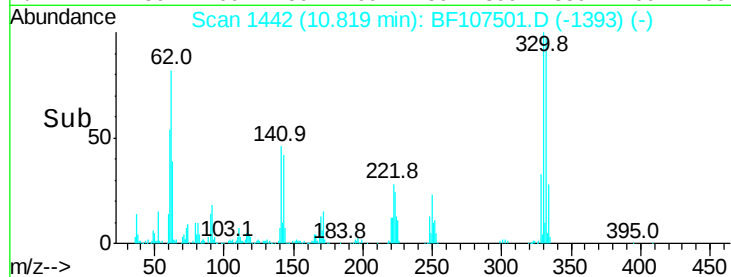
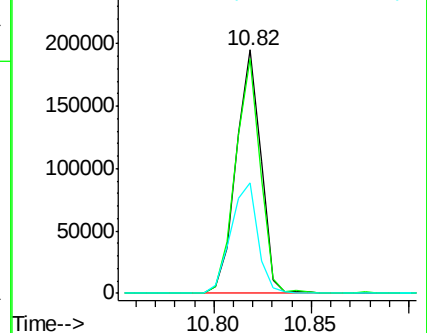
141 50.1 29.9 44.9#



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: 81.908 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

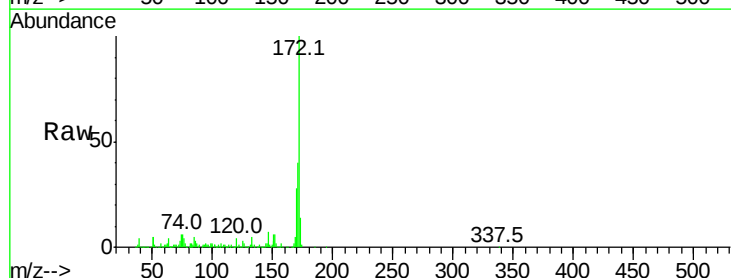
Tgt Ion:172 Resp: 1079301

Ion Ratio Lower Upper

172 100

171 39.8 29.7 44.5

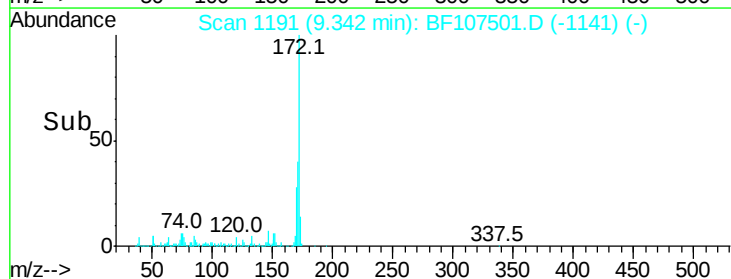
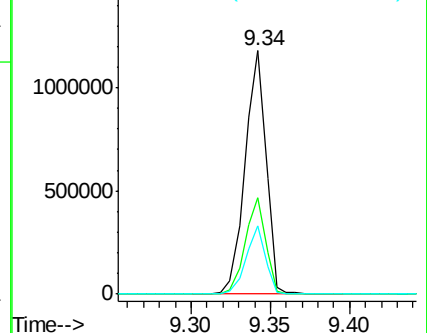
170 27.8 19.6 29.4

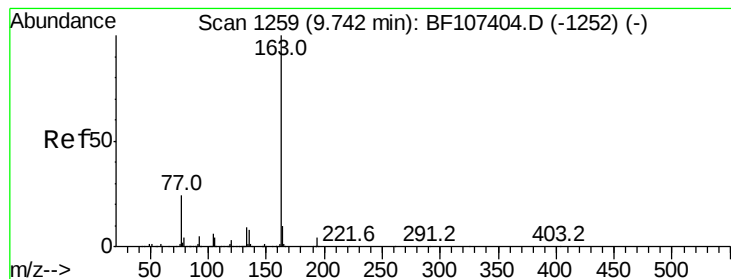


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.026 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

BNA_F

ClientSampleId :

WALL-1-159

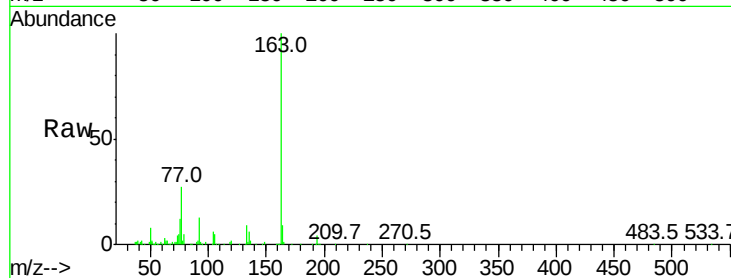
Tot Ion:163 Resp: 139428

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

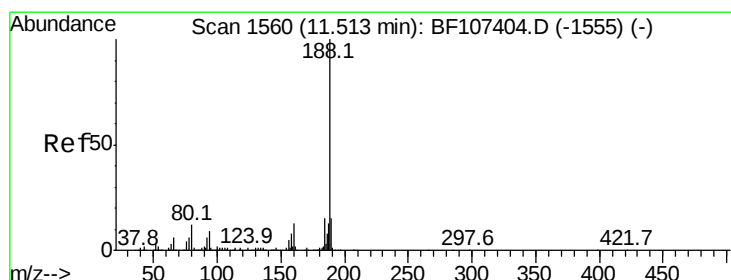
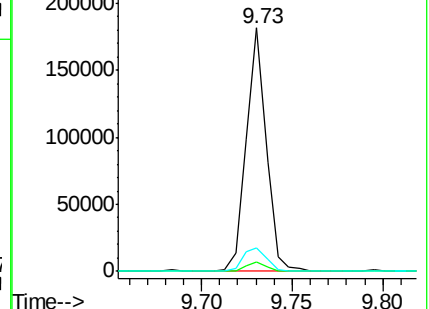
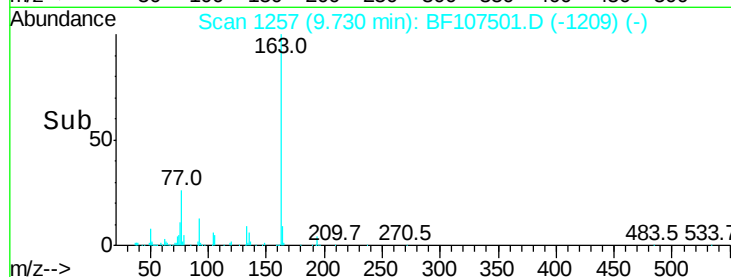
164 9.4 8.2 12.2



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: BF107501.D

Acq: 19 Jul 2018 8:02

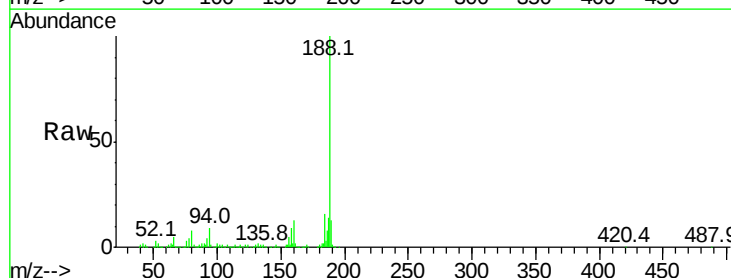
Tgt Ion:188 Resp: 372182

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

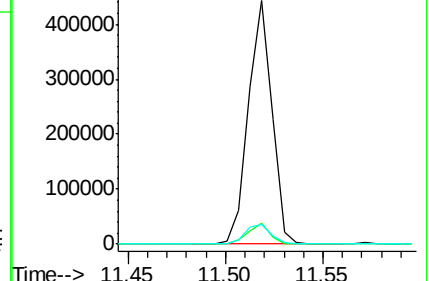
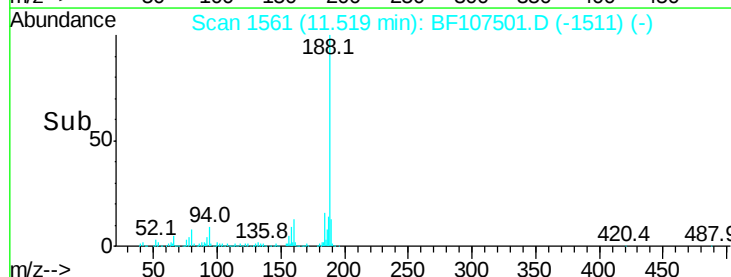
80 8.1 9.2 13.8#

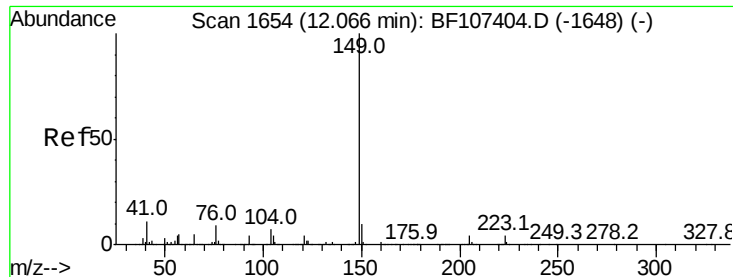


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 2.198 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

Instrument :

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ClientSampleId :

WALL-1-159

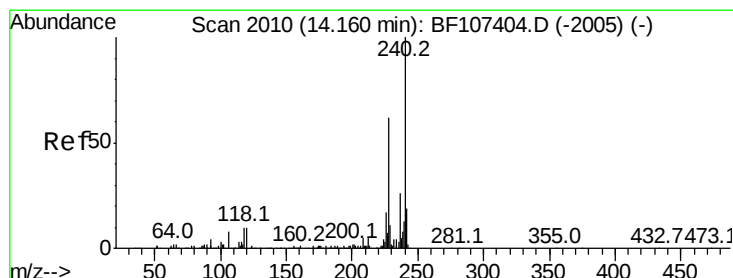
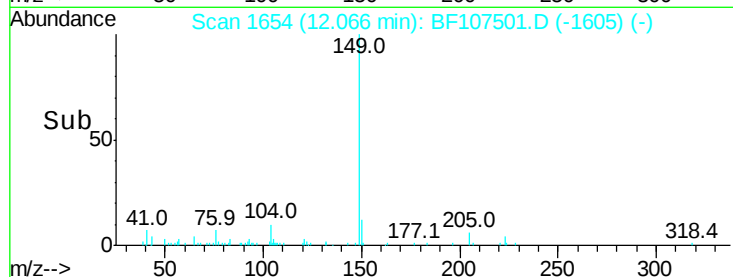
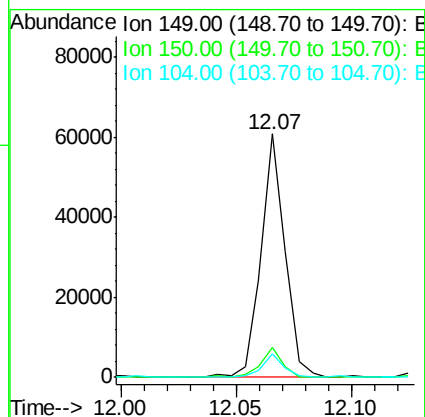
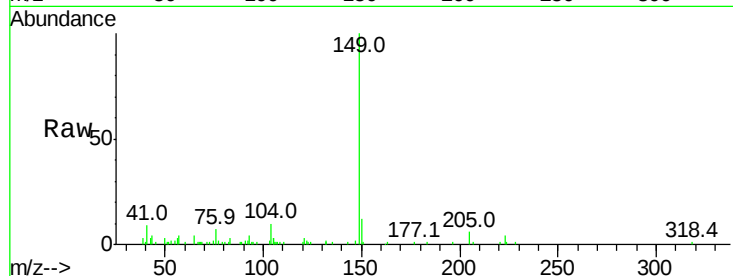
Tot Ion:149 Resp: 44176

Ion Ratio Lower Upper

149 100

150 12.1 7.8 11.6#

104 9.5 3.8 5.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

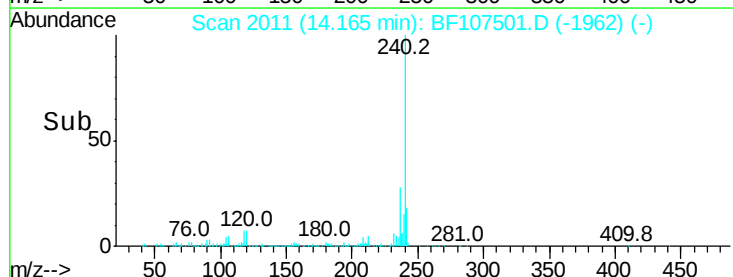
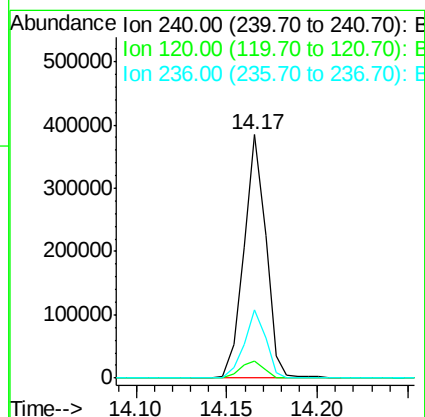
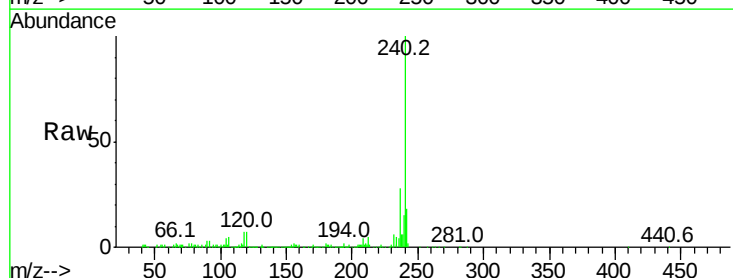
Tgt Ion:240 Resp: 326457

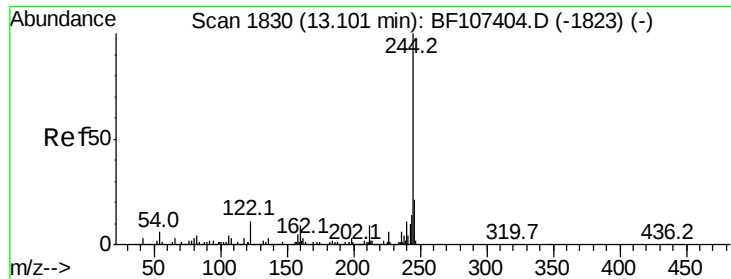
Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

236 28.0 20.7 31.1





#78

Terphenyl-d14

Concen: 71.040 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

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WALL-1-159

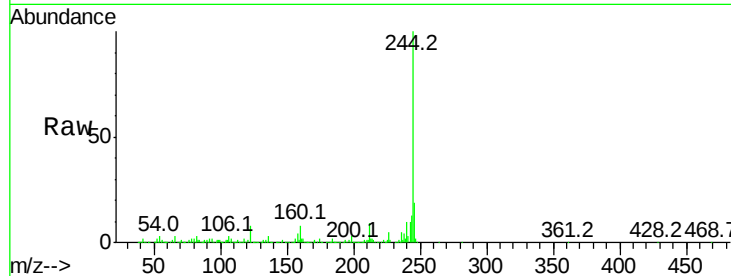
Tot Ion:244 Resp: 933423

Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

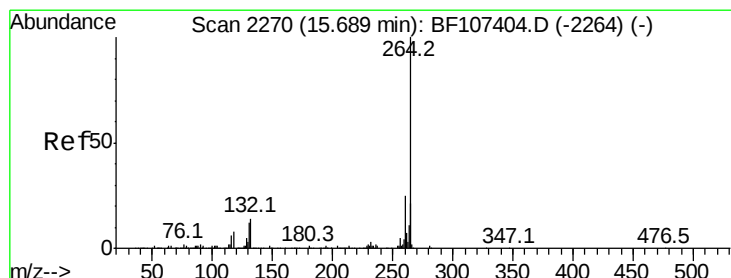
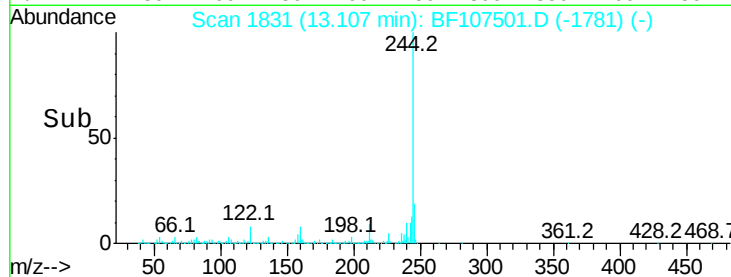
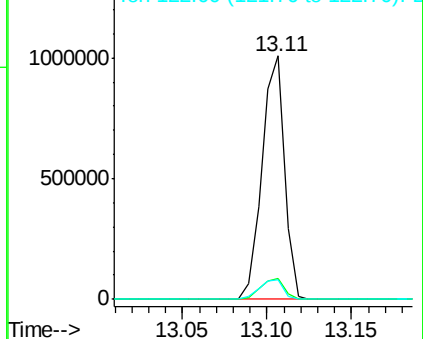
122 7.9 11.0 16.4#



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: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107501.D

Acq: 19 Jul 2018 8:02

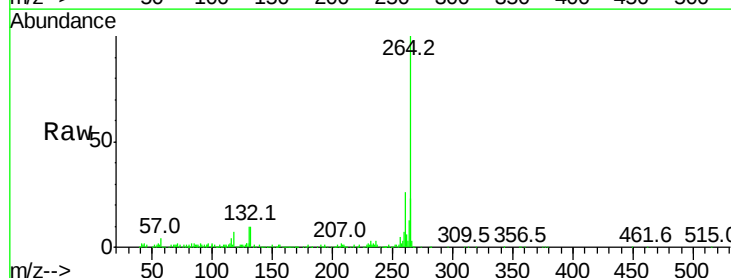
Tgt Ion:264 Resp: 307212

Ion Ratio Lower Upper

264 100

260 26.3 19.2 28.8

265 22.7 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

