

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028762.D
 Acq On : 15 Sep 2017 10:35
 Operator : SJ/JU
 Sample : I5223-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-U-S

Quant Time: Sep 15 11:32:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

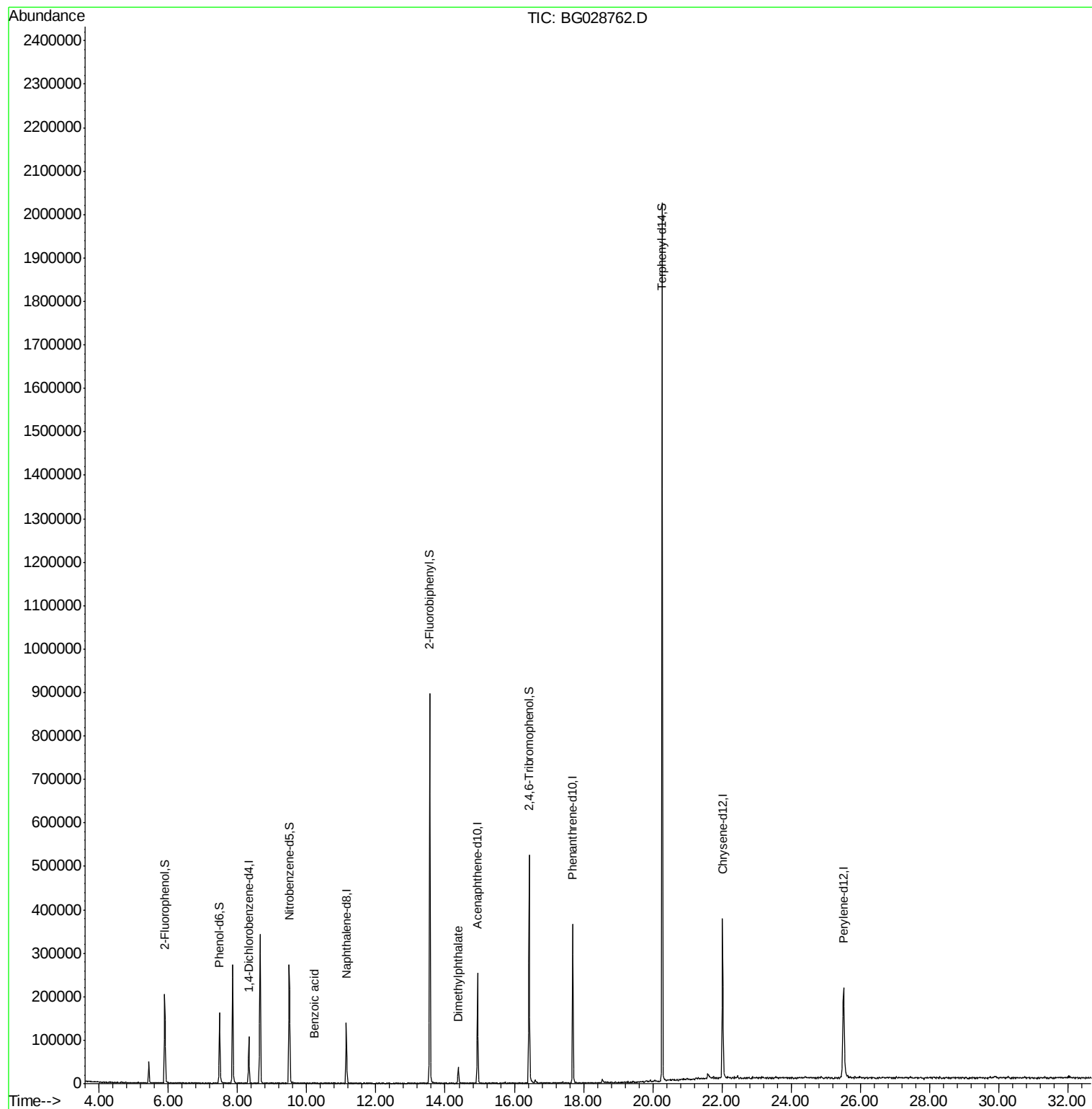
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	30245	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	122559	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	93552	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	247761	20.00	ng	0.00
75) Chrysene-d12	22.02	240	273769	20.00	ng	-0.01
86) Perylene-d12	25.52	264	274820	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	92228	50.32	ng	0.00
7) Phenol-d6	7.48	99	103709	37.58	ng	-0.01
23) Nitrobenzene-d5	9.50	82	186794	72.91	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	117600	76.00	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	522017	74.40	ng	0.00
78) Terphenyl-d14	20.28	244	952017	74.16	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	54	6.116	ng	Qvalue # 1
49) Dimethylphthalate	14.38	163	31099	3.964	ng	98

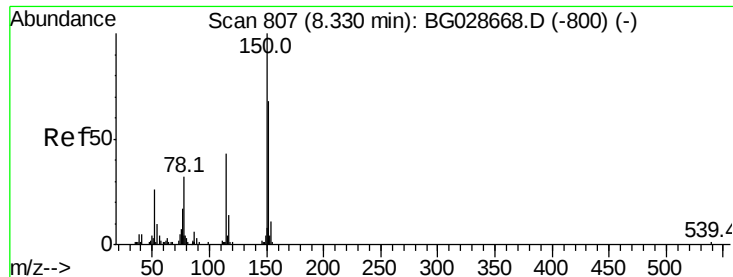
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-S

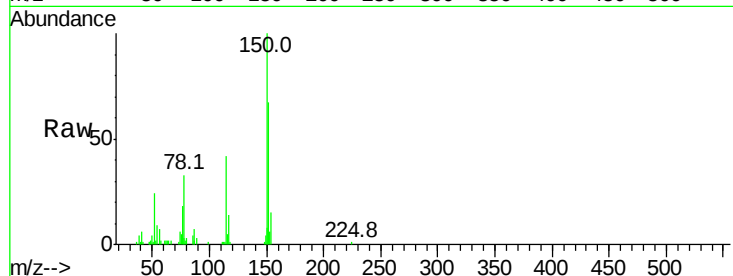
Tot Ion:152 Resp: 30245

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

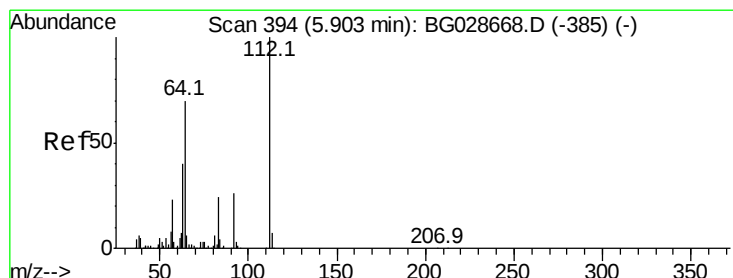
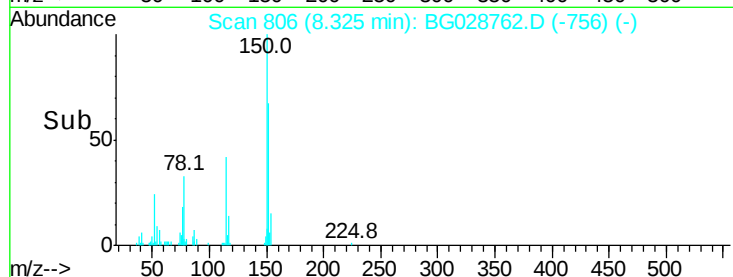
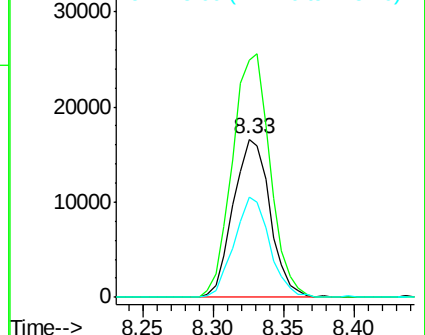
115 63.5 48.1 72.1



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: 50.316 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

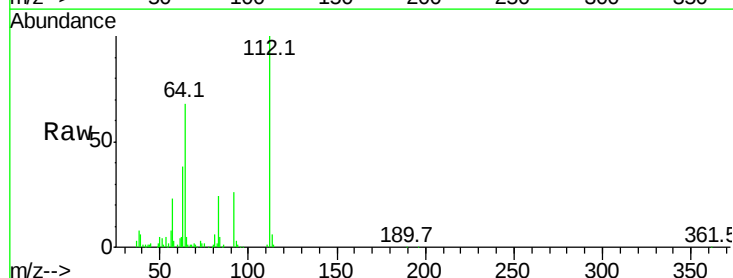
Tgt Ion:112 Resp: 92228

Ion Ratio Lower Upper

112 100

64 68.0 61.8 92.6

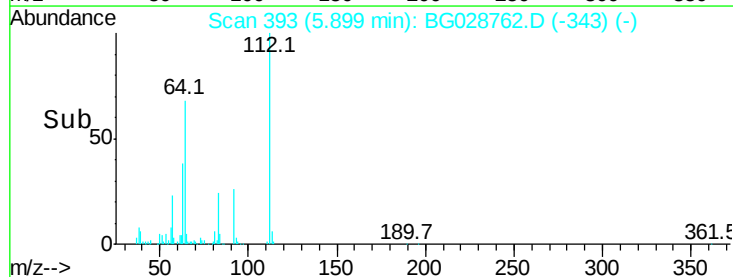
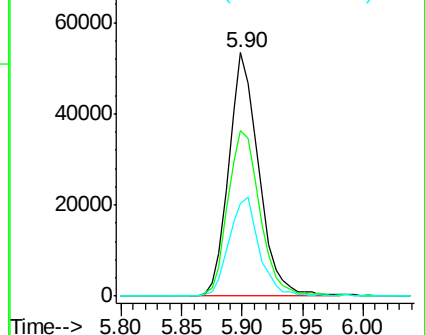
63 38.2 37.2 55.8

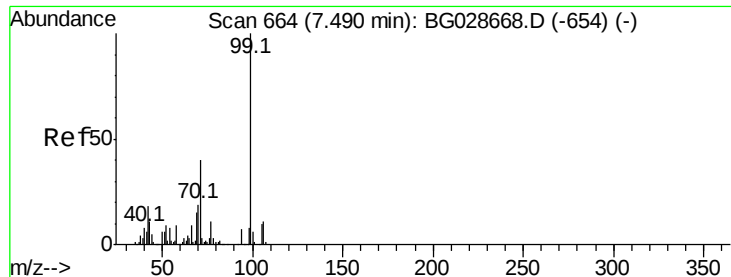


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.579 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-S

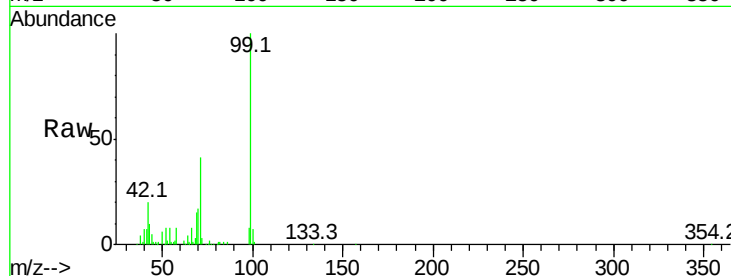
Tot Ion: 99 Resp: 103709

Ion Ratio Lower Upper

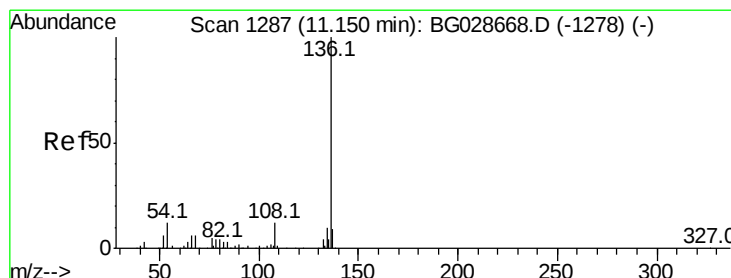
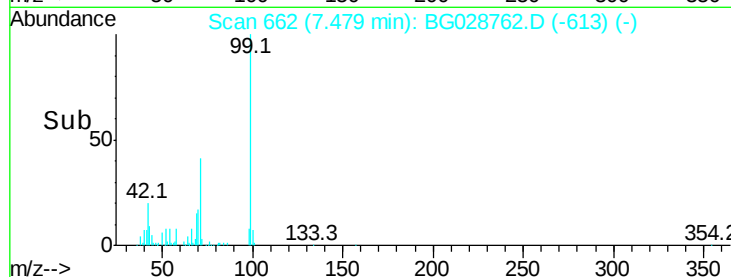
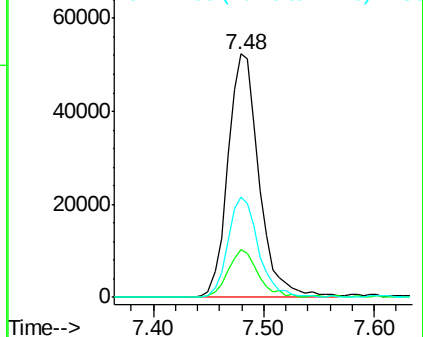
99 100

42 19.6 20.5 30.7#

71 41.0 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Tgt Ion: 136 Resp: 122559

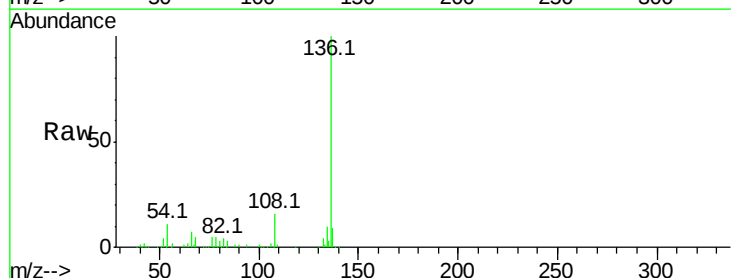
Ion Ratio Lower Upper

136 100

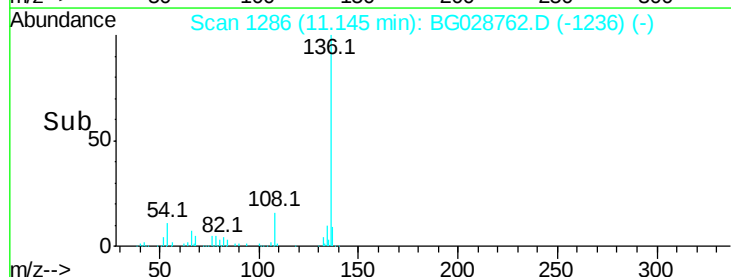
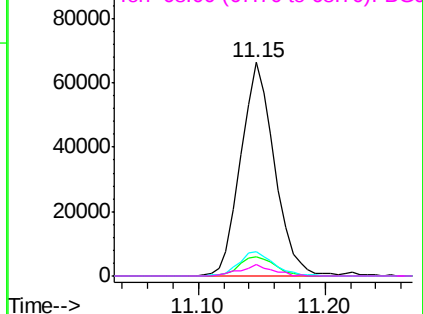
137 8.7 8.9 13.3#

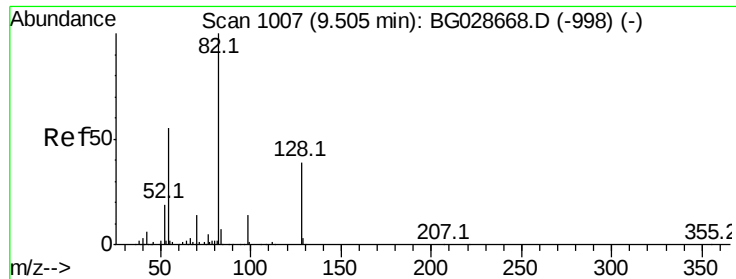
54 11.1 9.3 13.9

68 5.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 72.910 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-S

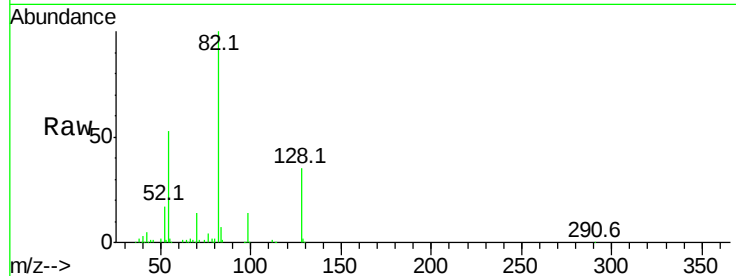
Tot Ion: 82 Resp: 186794

Ion Ratio Lower Upper

82 100

128 35.4 26.4 39.6

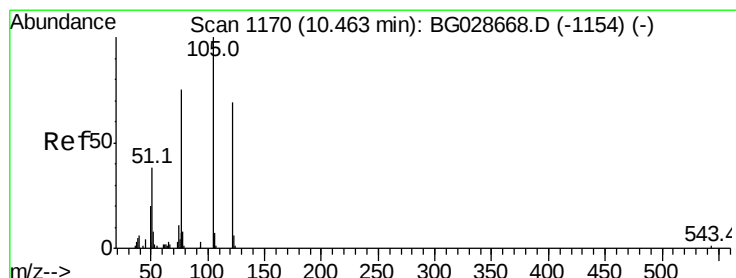
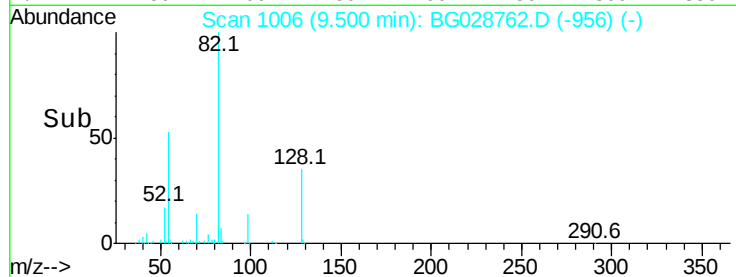
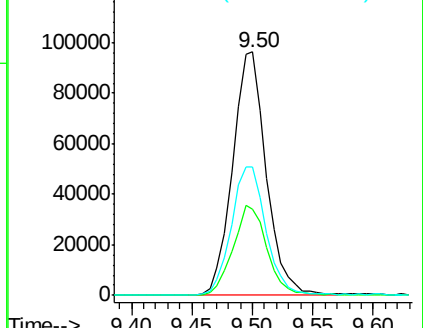
54 52.8 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 6.116 ng

RT: 10.22 min Scan# 1128

Delta R.T. -0.24 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

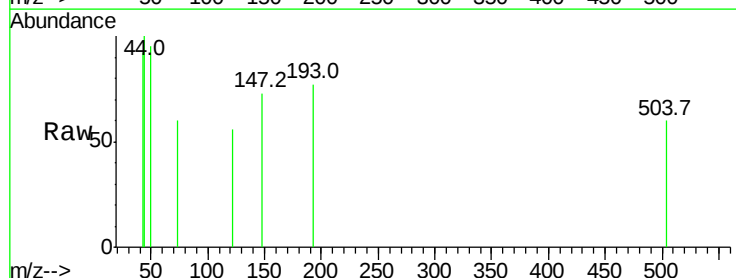
Tgt Ion: 122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

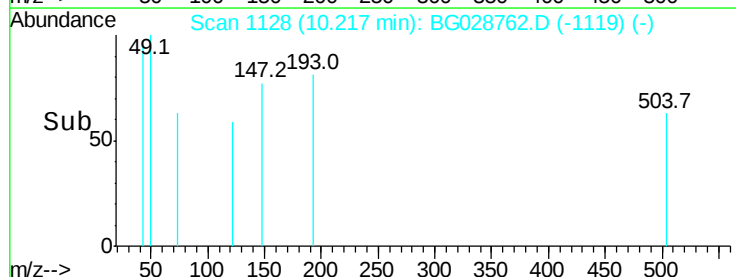
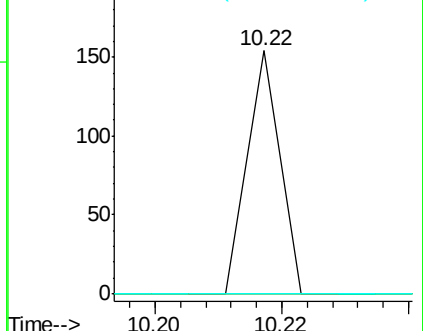
77 0.0 104.6 144.6#

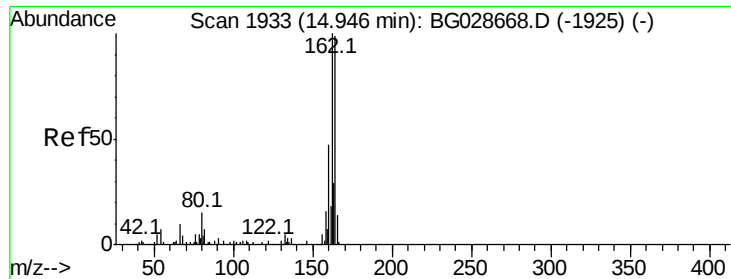


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-S

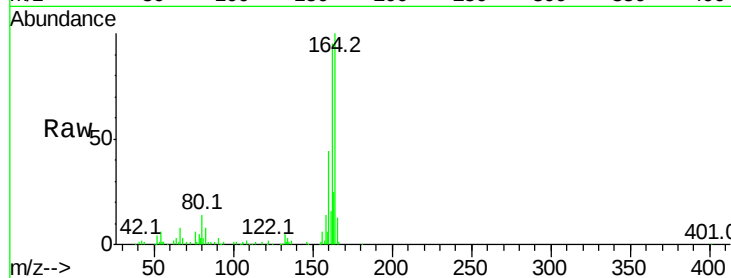
Tot Ion:164 Resp: 93552

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

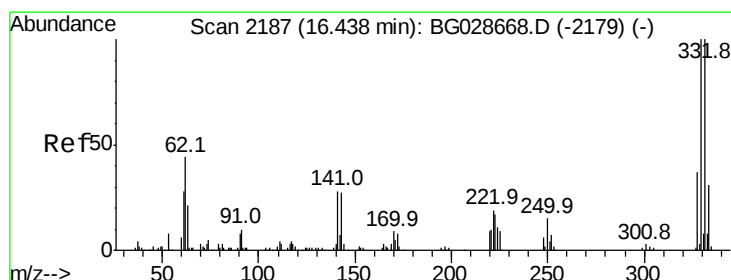
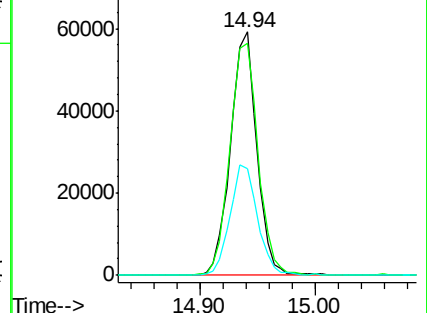
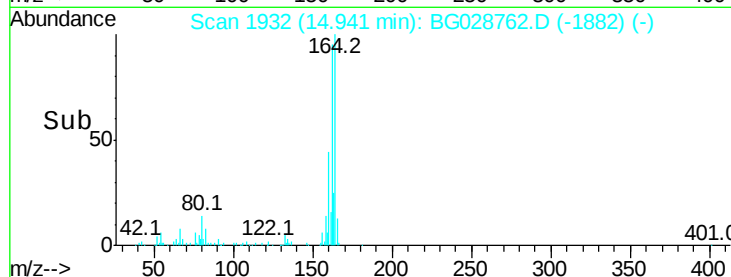
160 43.6 34.7 52.1



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: 76.004 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

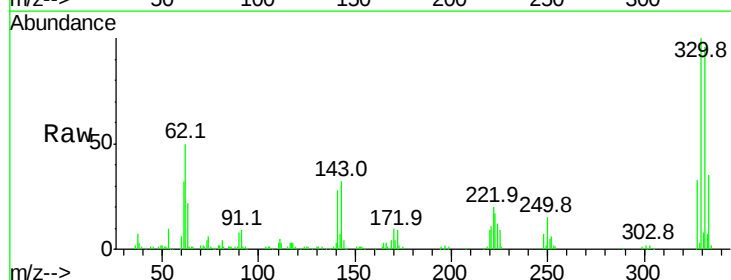
Tgt Ion:330 Resp: 117600

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

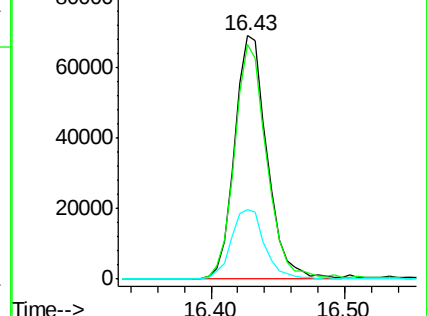
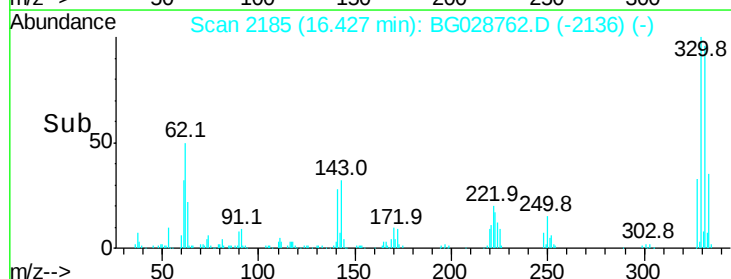
141 29.9 32.1 48.1#

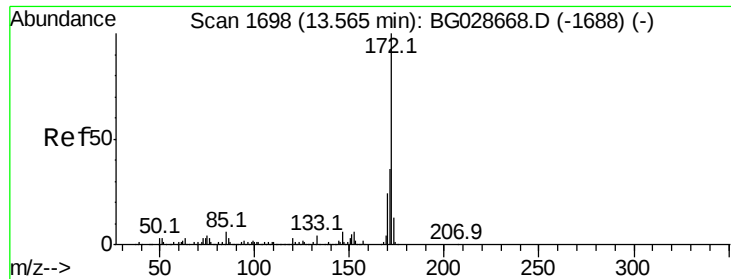


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

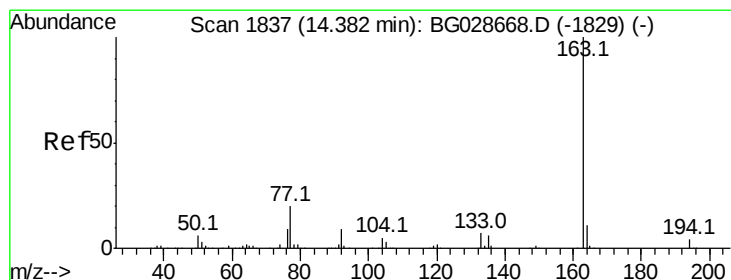
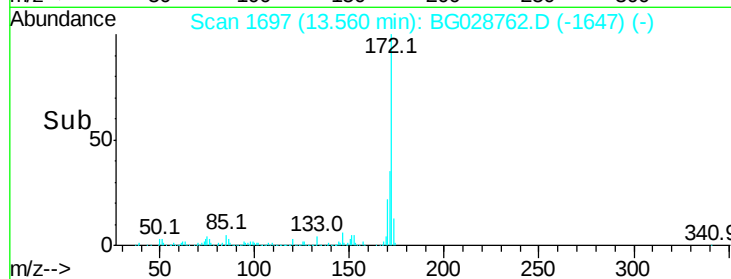
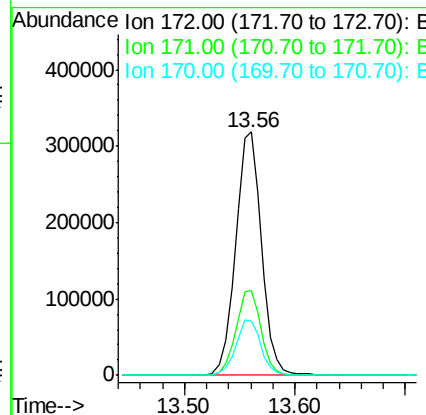
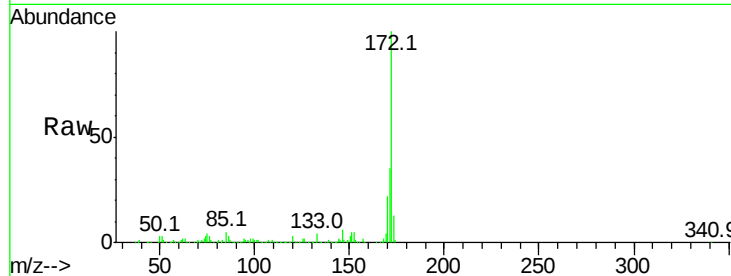




#44
2-Fluorobiphenyl
Concen: 74.405 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028762.D
Acq: 15 Sep 2017 10:35

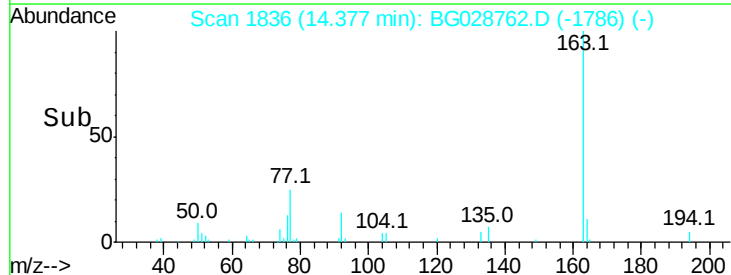
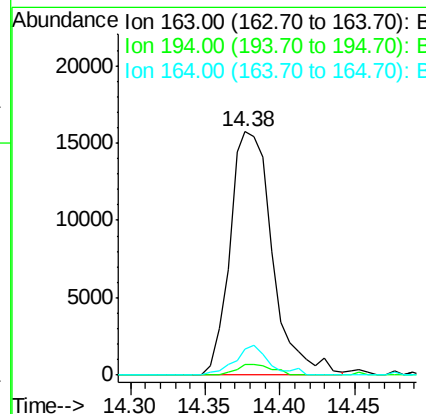
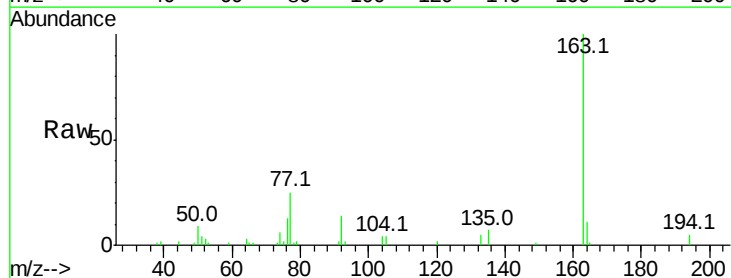
Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-U-S

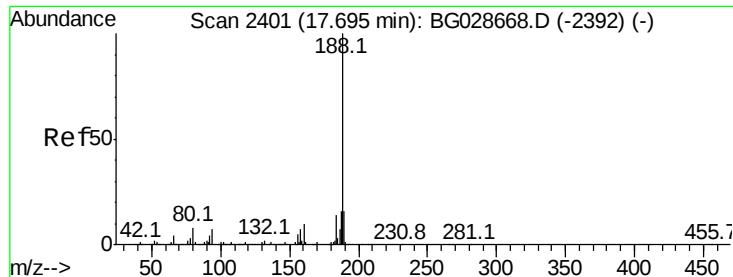
Tot Ion:172 Resp: 522017
Ion Ratio Lower Upper
172 100
171 34.7 32.2 48.2
170 22.1 21.8 32.6



#49
Dimethylphthalate
Concen: 3.964 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG028762.D
Acq: 15 Sep 2017 10:35

Tgt Ion:163 Resp: 31099
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-U-S

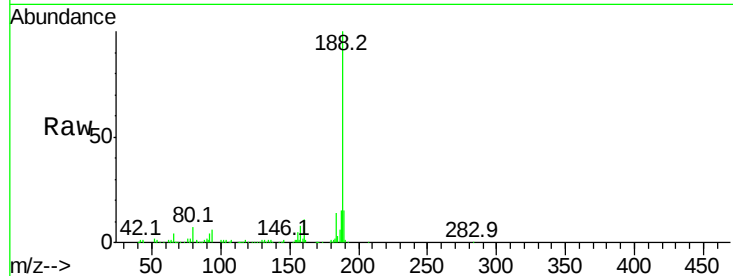
Tot Ion:188 Resp: 247761

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

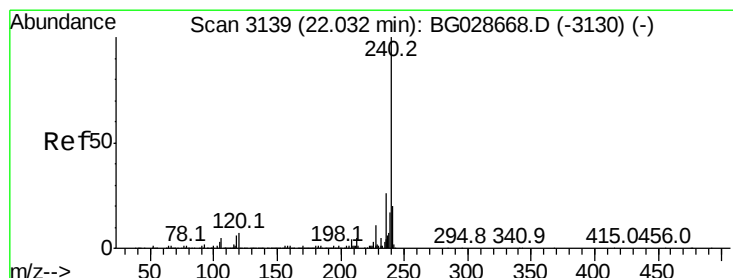
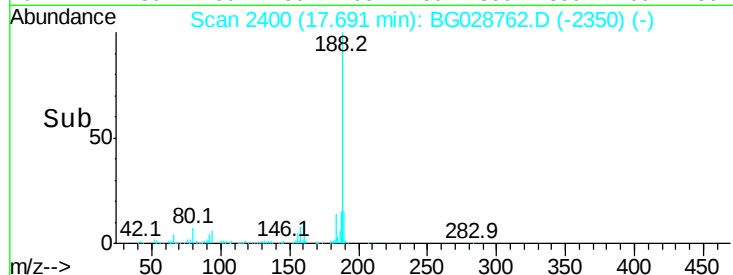
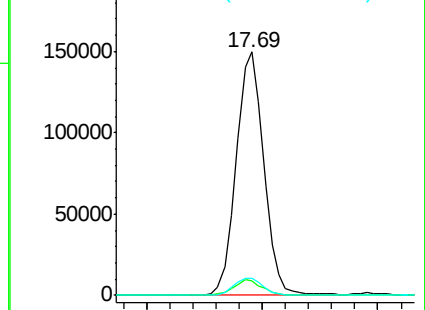
80 7.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

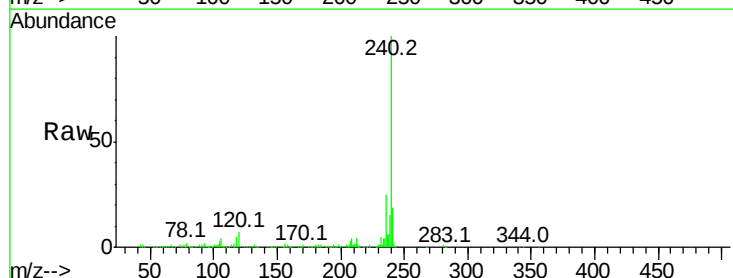
Tgt Ion:240 Resp: 273769

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

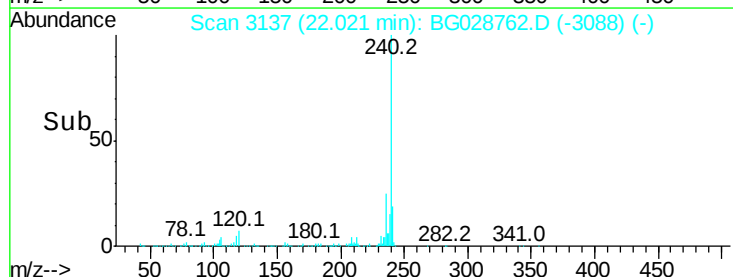
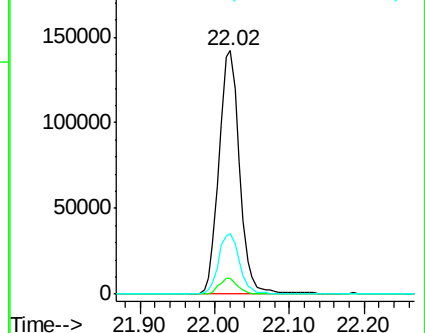
236 24.7 22.2 33.4

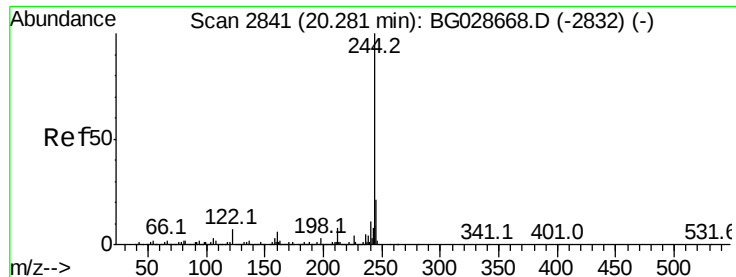


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.159 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

Instrument :

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090917-SIDI-E-U-S

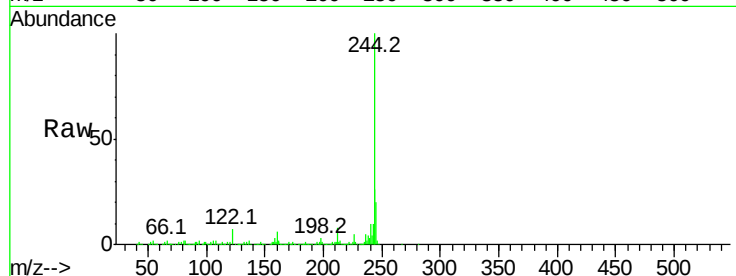
Tot Ion:244 Resp: 952017

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

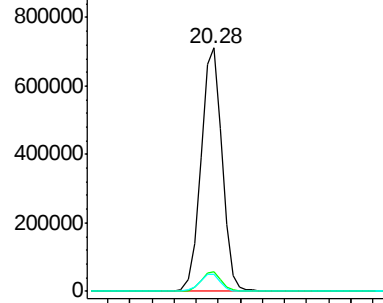
122 6.8 8.6 12.8#



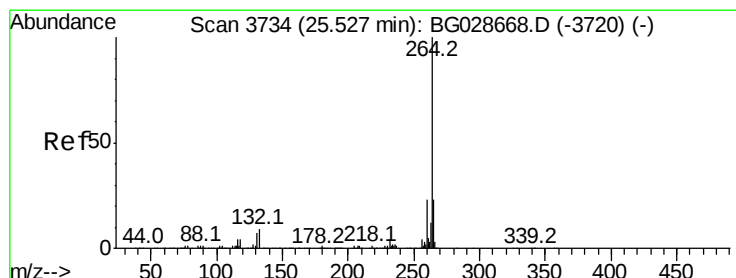
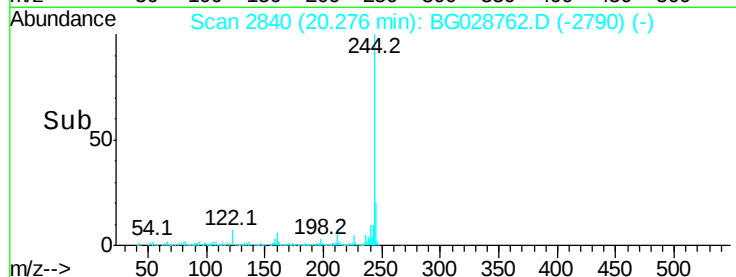
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028762.D

Acq: 15 Sep 2017 10:35

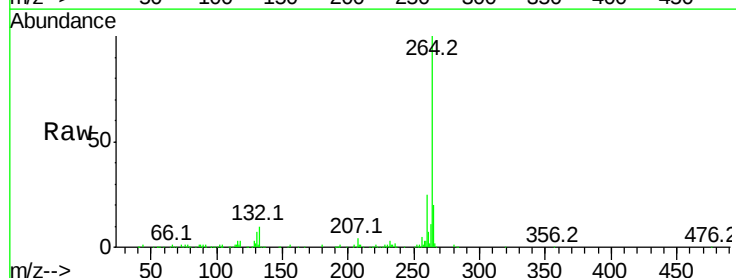
Tgt Ion:264 Resp: 274820

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

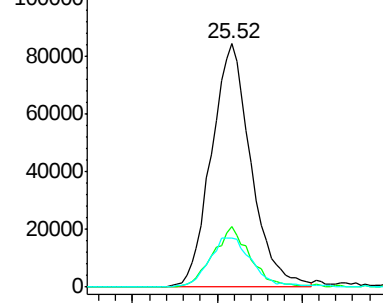
265 20.0 18.2 27.4



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



Time-->

