

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028752.D
 Acq On : 15 Sep 2017 4:00
 Operator : SJ/JU
 Sample : I5224-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-D-S

Quant Time: Sep 15 07:56:30 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

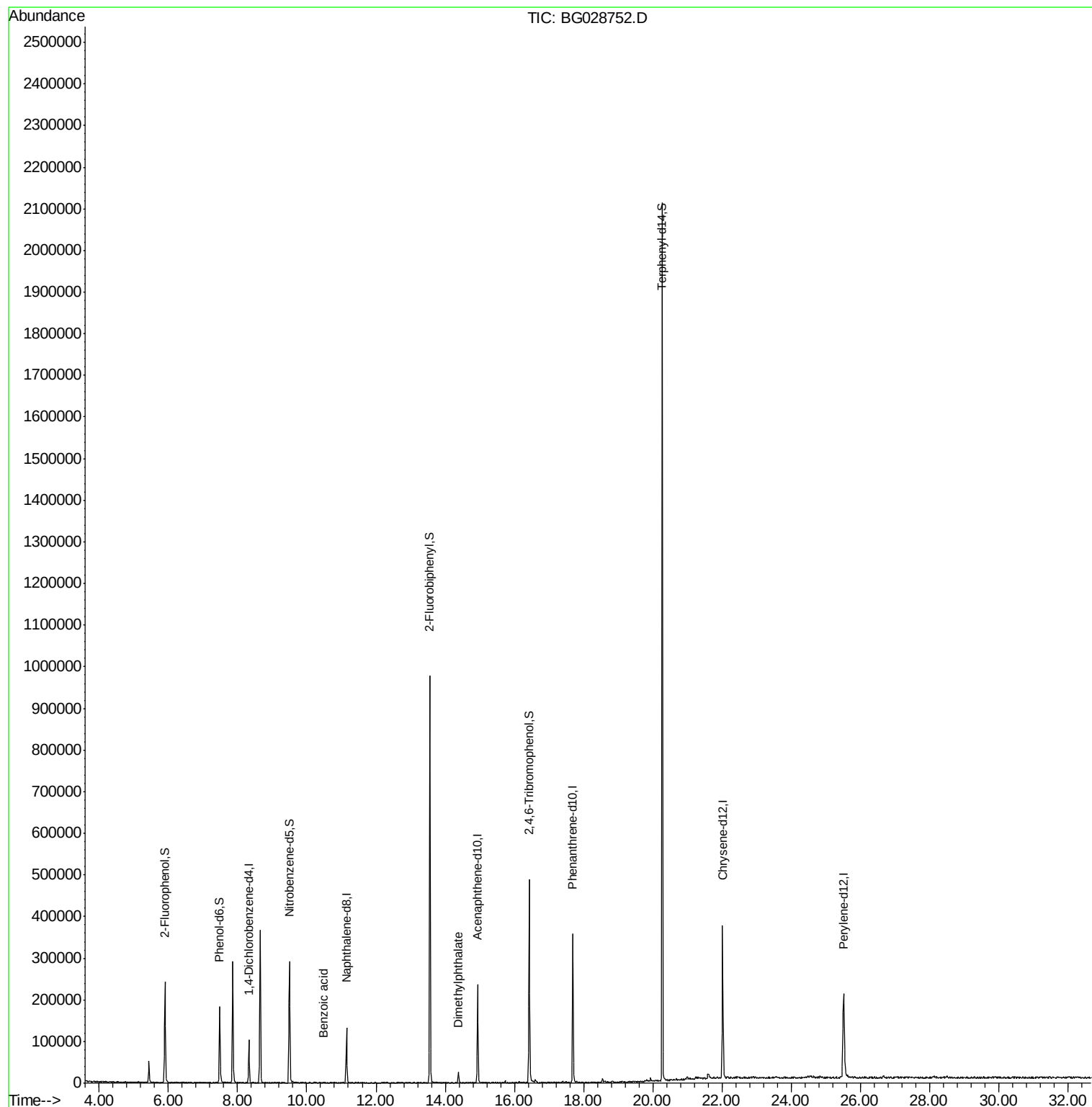
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	30538	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	119715	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	90486	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	243294	20.00	ng	0.00
75) Chrysene-d12	22.02	240	262444	20.00	ng	-0.01
86) Perylene-d12	25.51	264	264476	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	102622	55.45	ng	0.00
7) Phenol-d6	7.48	99	116300	41.74	ng	0.00
23) Nitrobenzene-d5	9.50	82	194871	77.87	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	116723	77.99	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	528442	77.87	ng	0.00
78) Terphenyl-d14	20.27	244	955560	77.65	ng	0.00
Target Compounds						
32) Benzoic acid	10.49	122	75	6.129	ng	Qvalue # 1
49) Dimethylphthalate	14.38	163	22497	2.965	ng	98

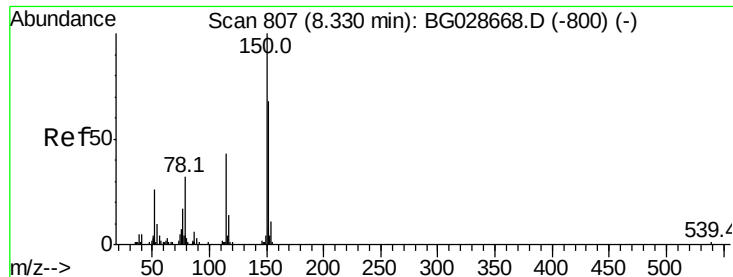
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

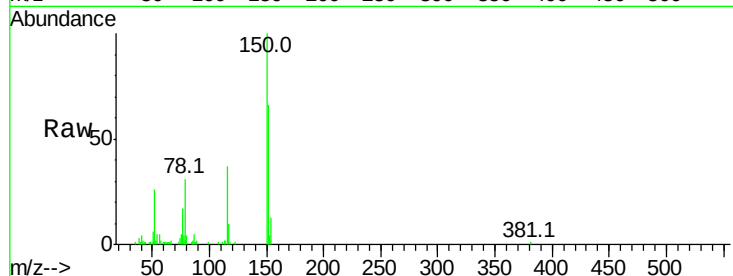
Tot Ion:152 Resp: 30538

Ion Ratio Lower Upper

152 100

150 152.2 114.0 171.0

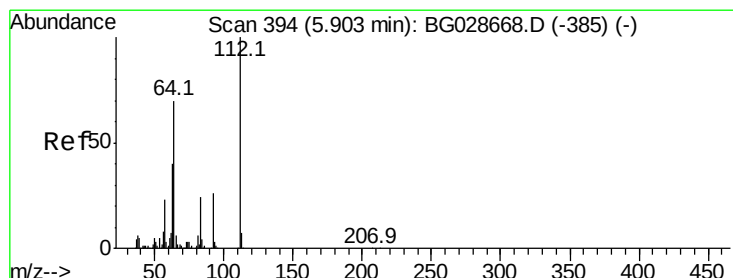
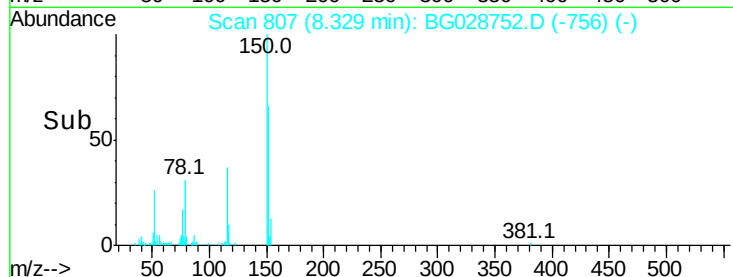
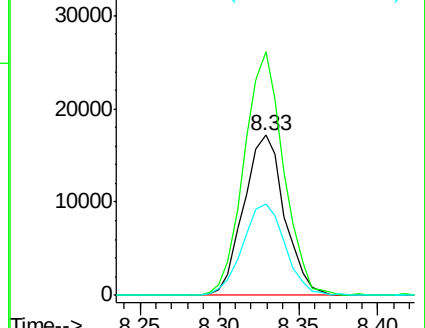
115 57.0 48.1 72.1



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: 55.449 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

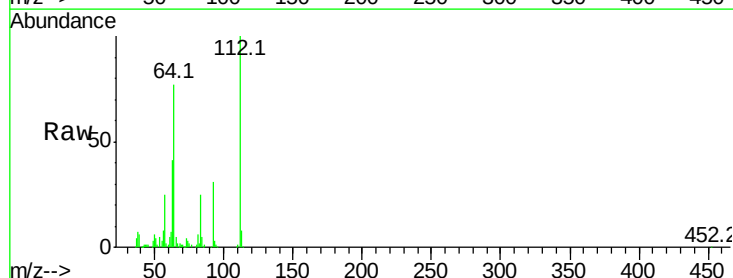
Tgt Ion:112 Resp: 102622

Ion Ratio Lower Upper

112 100

64 76.8 61.8 92.6

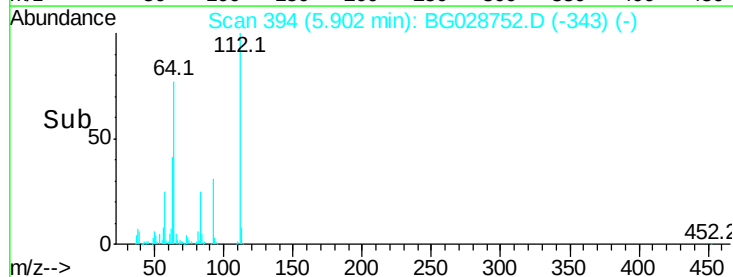
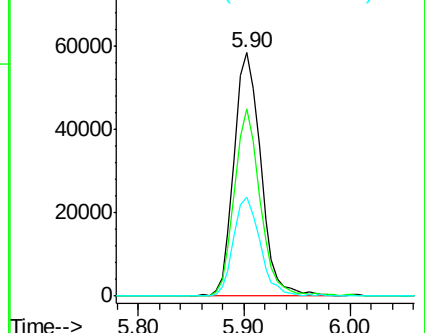
63 40.9 37.2 55.8

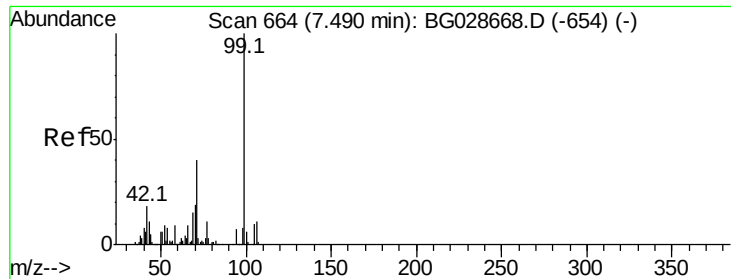


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.737 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

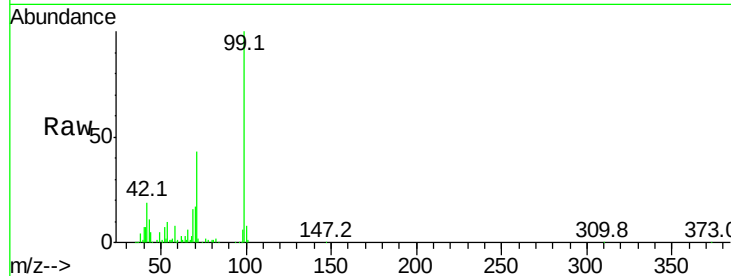
Tot Ion: 99 Resp: 116300

Ion Ratio Lower Upper

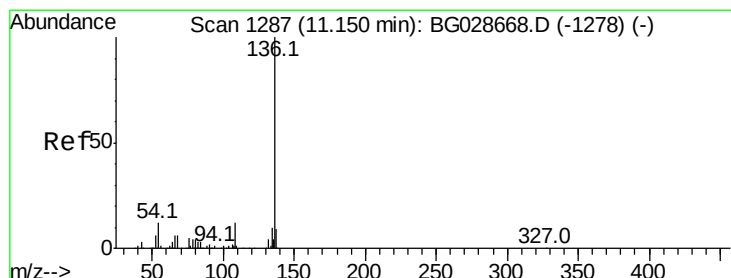
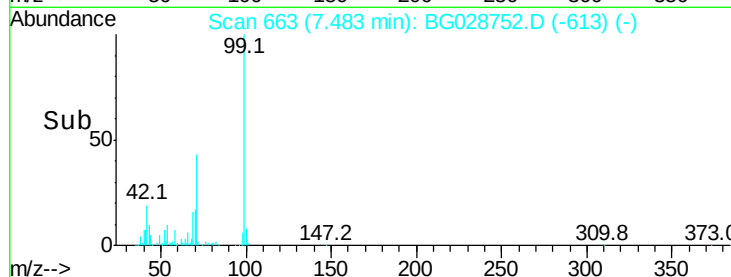
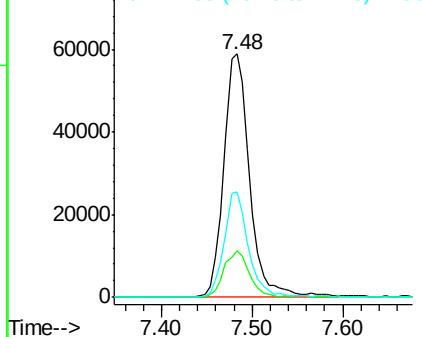
99 100

42 19.2 20.5 30.7#

71 43.3 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# 1287

Delta R.T. -0.00 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Tgt Ion: 136 Resp: 119715

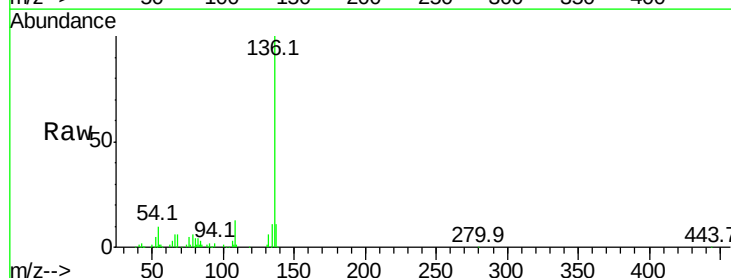
Ion Ratio Lower Upper

136 100

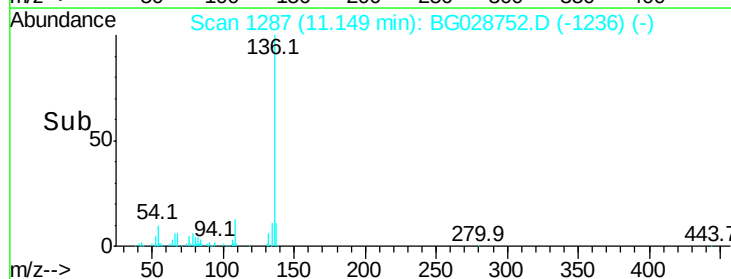
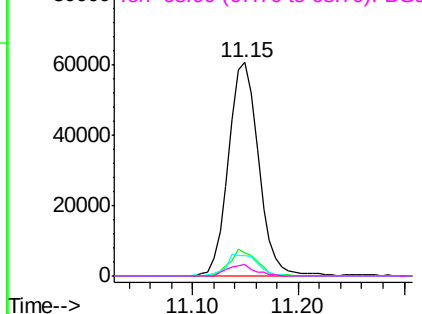
137 10.9 8.9 13.3

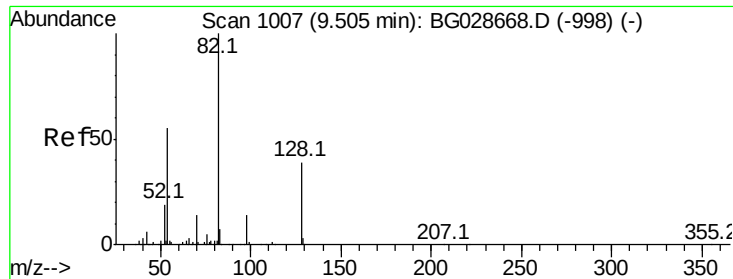
54 9.8 9.3 13.9

68 5.6 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: 77.869 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

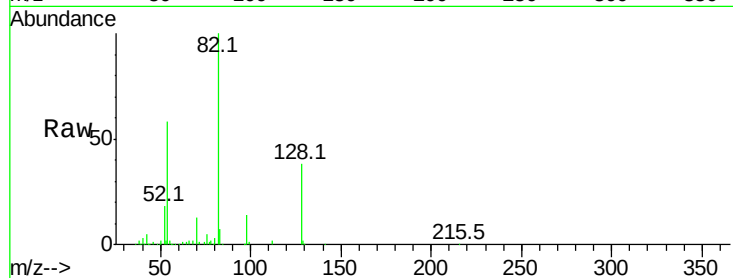
Tot Ion: 82 Resp: 194871

Ion Ratio Lower Upper

82 100

128 37.5 26.4 39.6

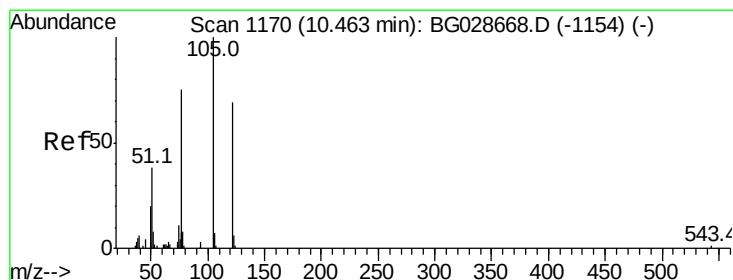
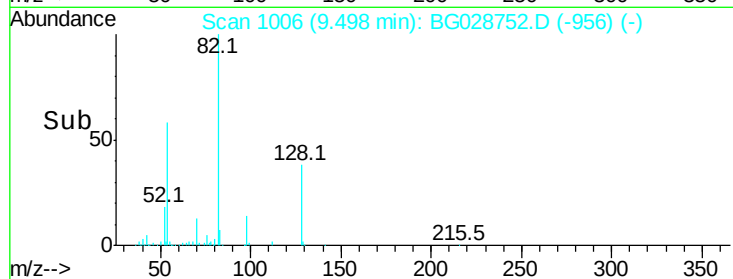
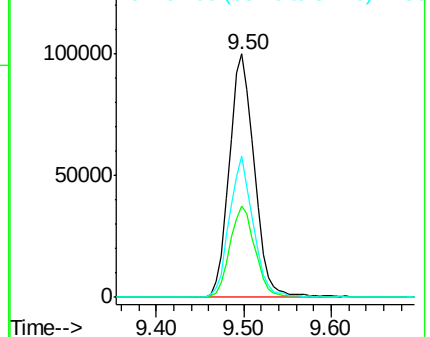
54 57.8 49.4 74.2



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: 6.129 ng

RT: 10.49 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

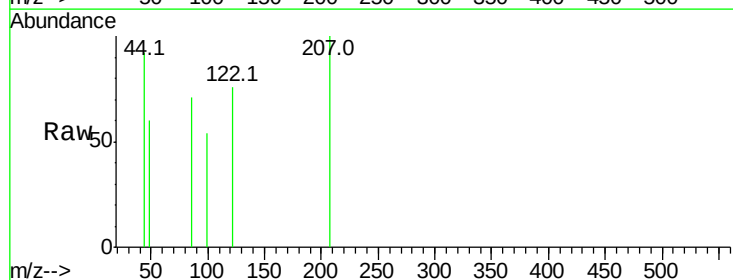
Tgt Ion: 122 Resp: 75

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

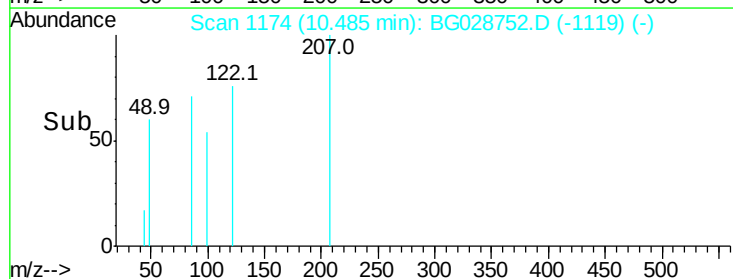
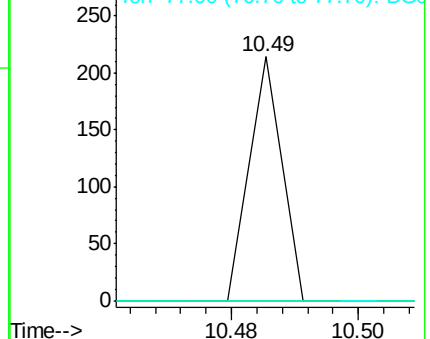
77 0.0 104.6 144.6#

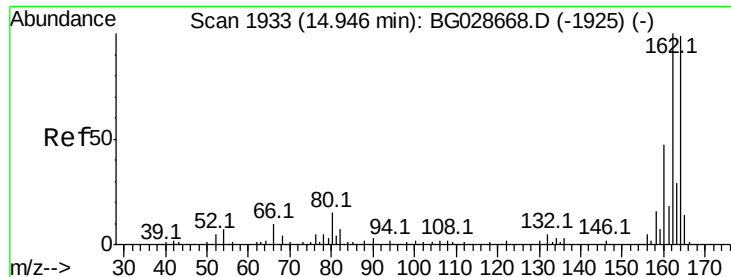


Abundance Ion 122.00 (121.70 to 122.70): BGC

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. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

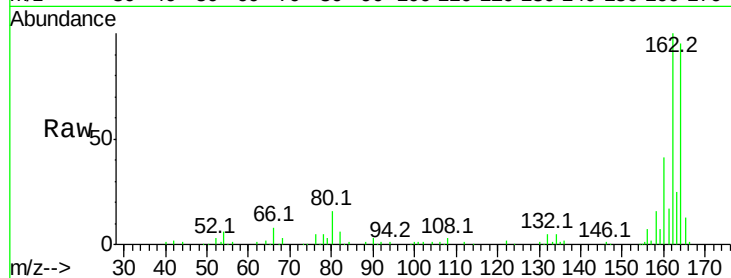
Tot Ion:164 Resp: 90486

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

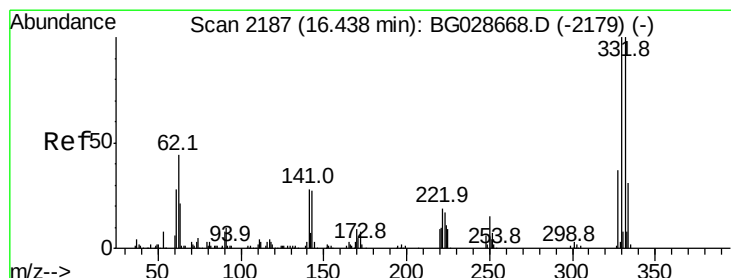
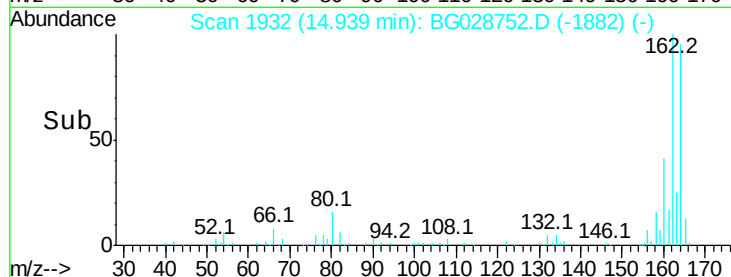
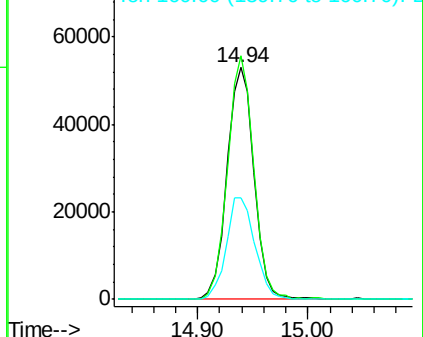
160 43.6 34.7 52.1



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: 77.993 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

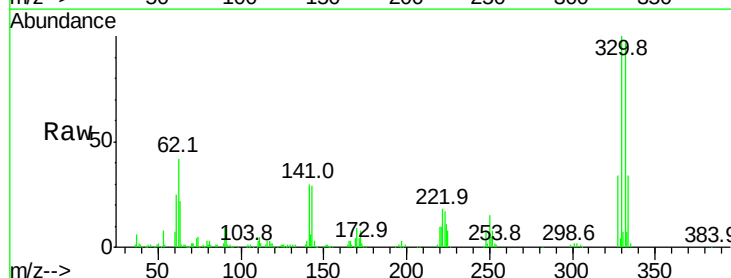
Tgt Ion:330 Resp: 116723

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

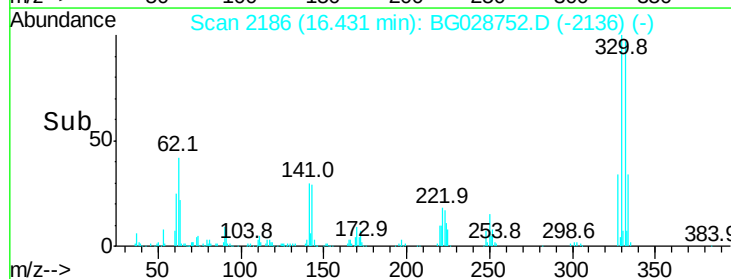
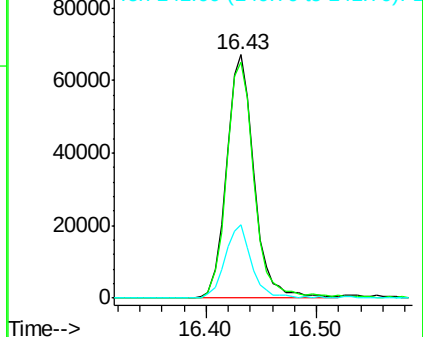
141 28.8 32.1 48.1#

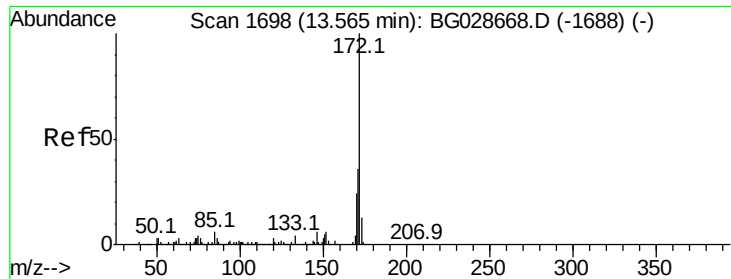


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

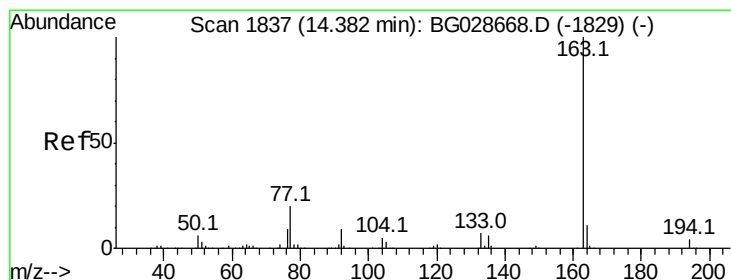
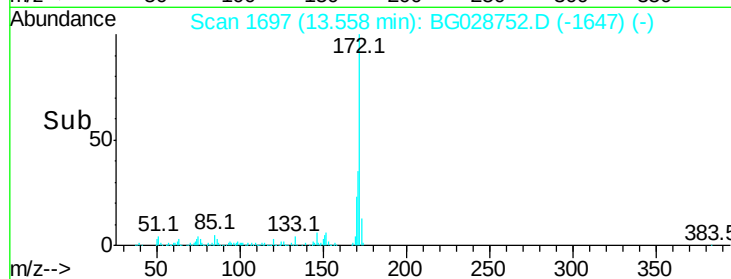
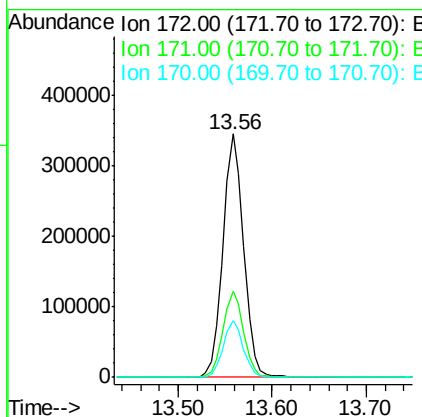
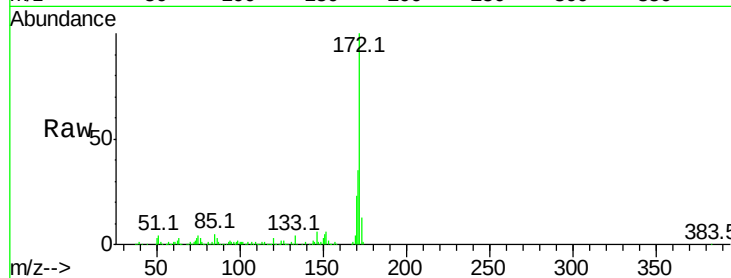




#44
2-Fluorobiphenyl
Concen: 77.872 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028752.D
Acq: 15 Sep 2017 4:00

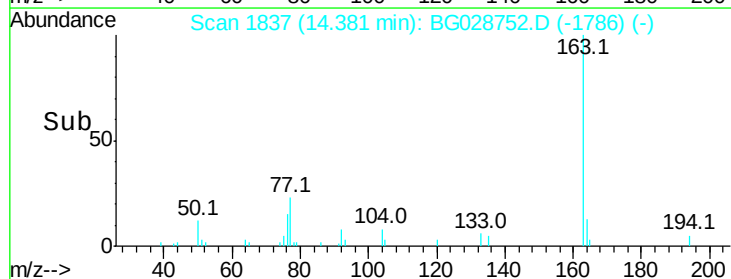
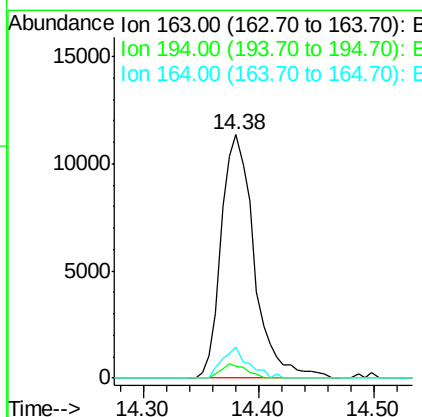
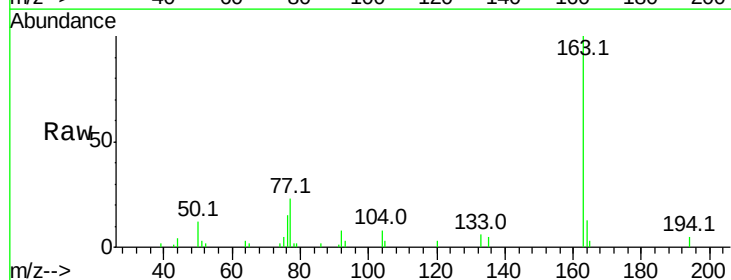
Instrument :
BNA_G
ClientSampleId :
091117-SIDI-E-D-S

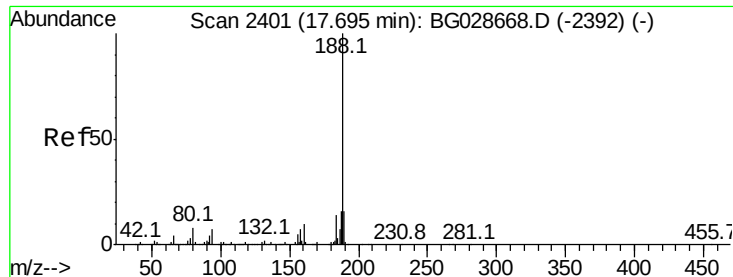
Tot Ion:172 Resp: 528442
Ion Ratio Lower Upper
172 100
171 35.4 32.2 48.2
170 23.2 21.8 32.6



#49
Dimethylphthalate
Concen: 2.965 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028752.D
Acq: 15 Sep 2017 4:00

Tgt Ion:163 Resp: 22497
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 12.9 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

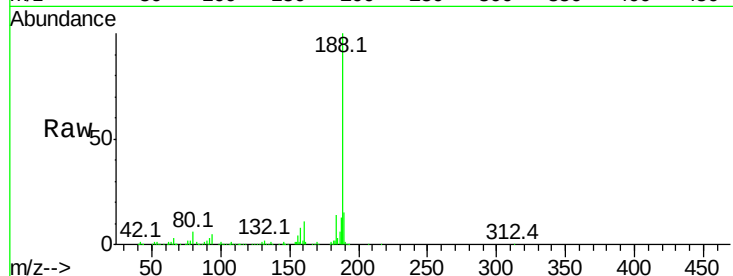
Tot Ion:188 Resp: 243294

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

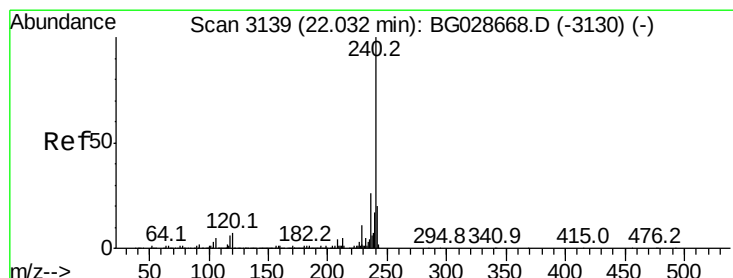
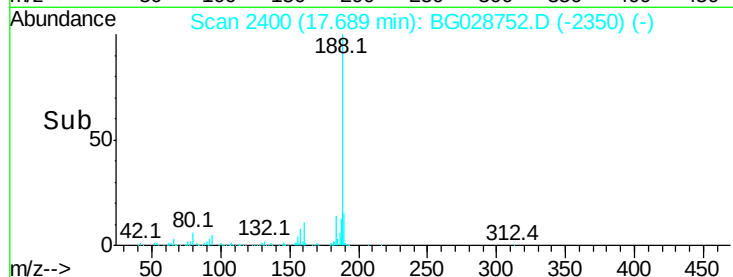
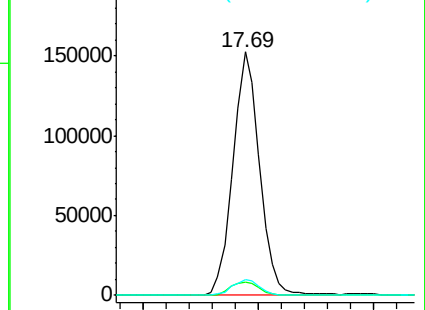
80 6.4 7.5 11.3#



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: BG028752.D

Acq: 15 Sep 2017 4:00

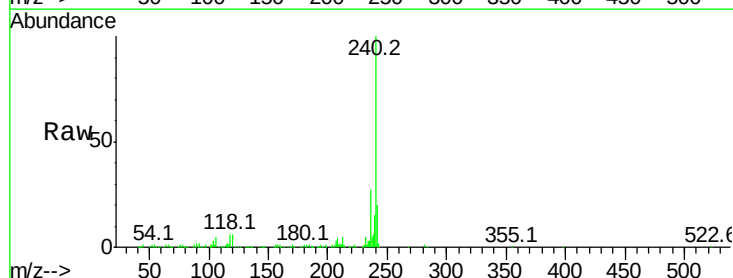
Tgt Ion:240 Resp: 262444

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

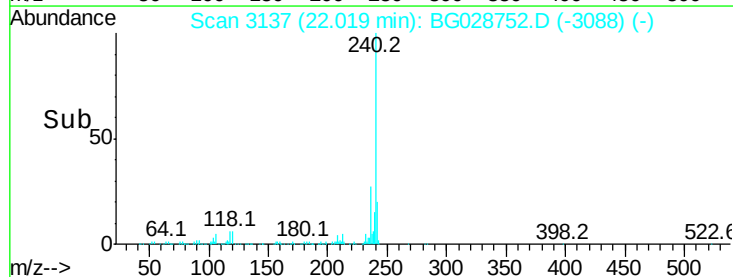
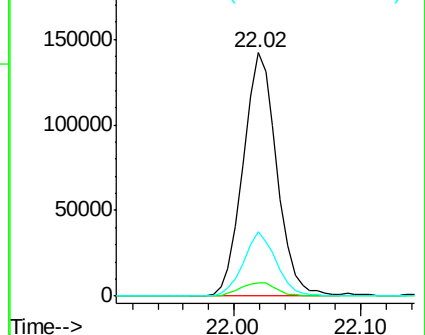
236 26.5 22.2 33.4

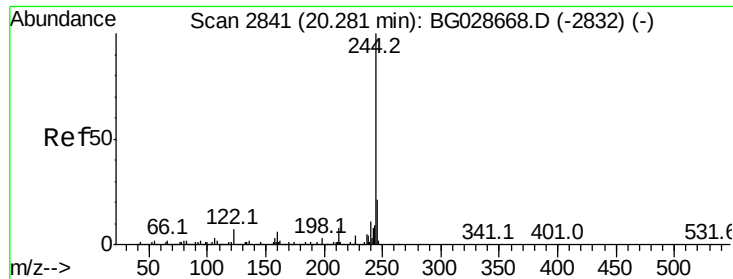


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.647 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-S

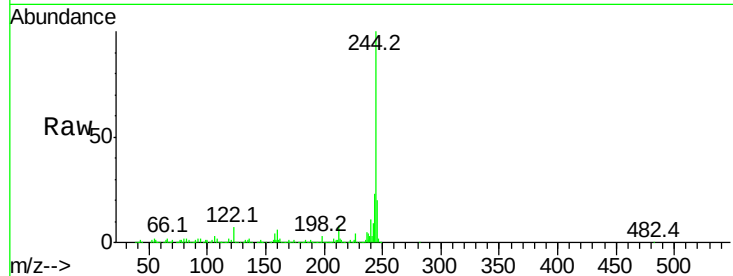
Tot Ion:244 Resp: 955560

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

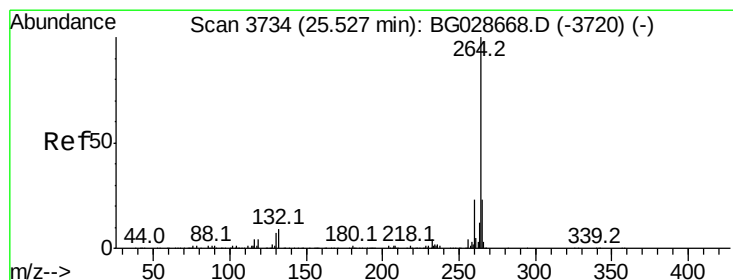
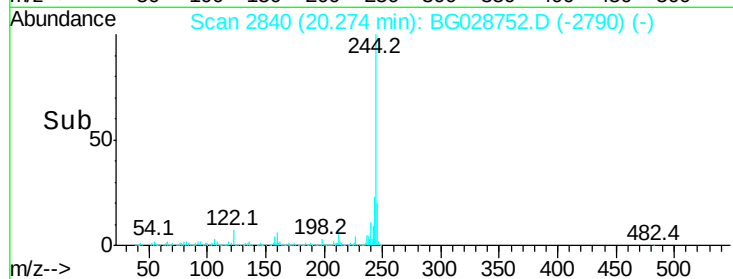
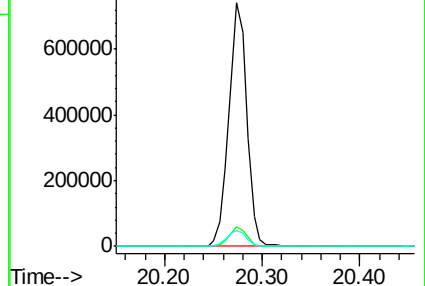
122 6.7 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028752.D

Acq: 15 Sep 2017 4:00

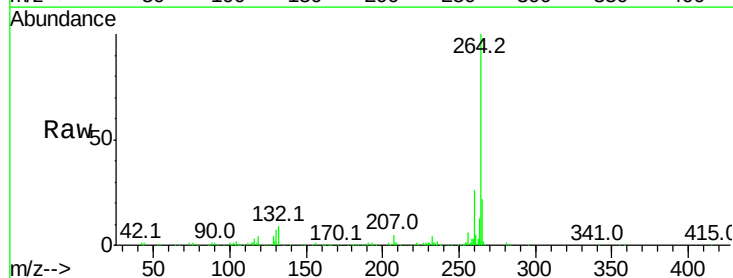
Tgt Ion:264 Resp: 264476

Ion Ratio Lower Upper

264 100

260 25.7 21.8 32.8

265 22.2 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

