

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027256.D
 Acq On : 6 Jun 2017 19:31
 Operator : SJ/MA
 Sample : I3453-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:17:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

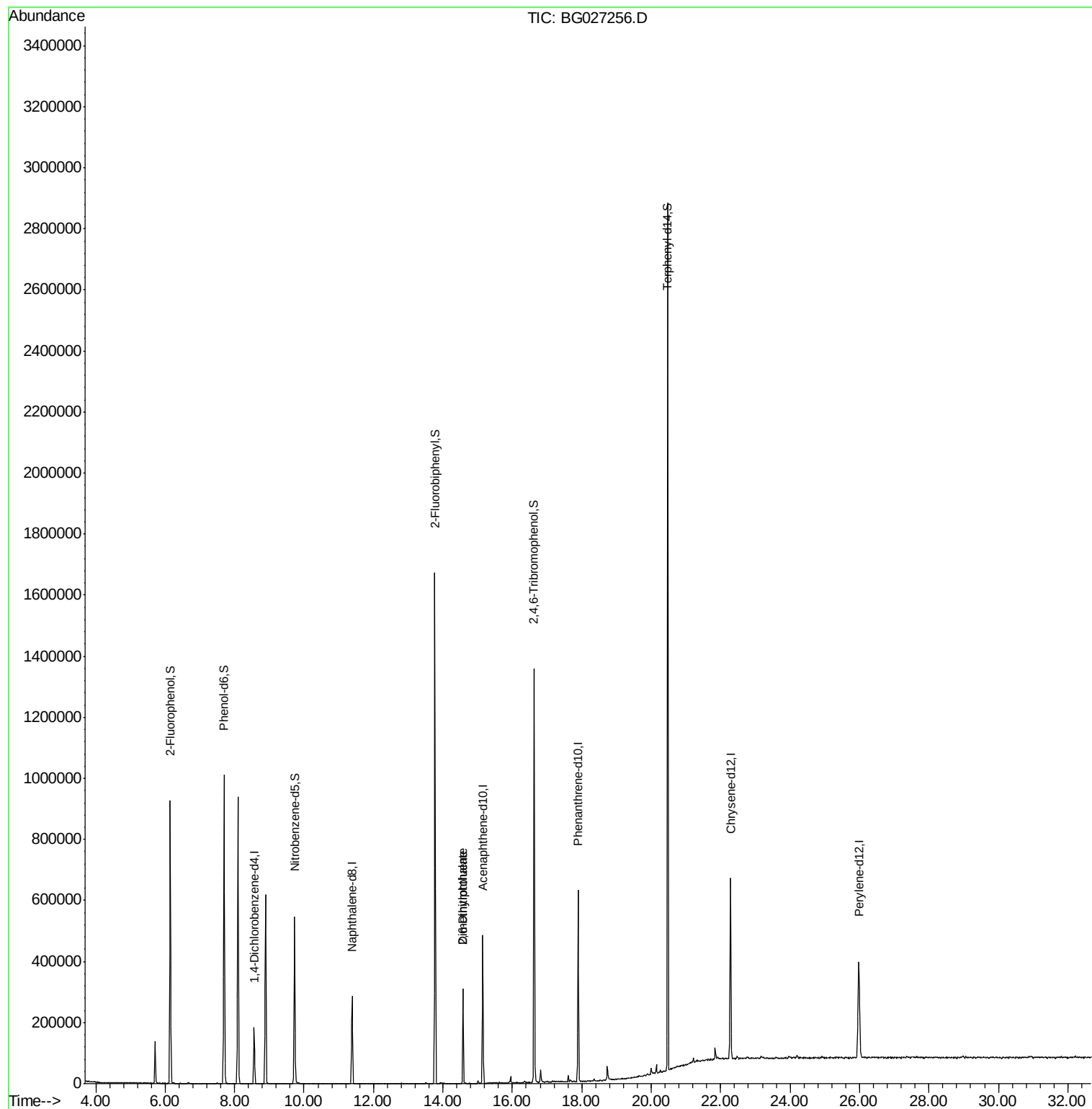
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	54505	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	258393	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	173110	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	407897	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	421099	20.00	ng	-0.03
86) Perylene-d12	25.98	264	390748	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	459917	128.76	ng	-0.01
7) Phenol-d6	7.70	99	662353	126.33	ng	0.00
23) Nitrobenzene-d5	9.73	82	364724	88.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	280514	123.06	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	932212	75.34	ng	-0.01
78) Terphenyl-d14	20.47	244	1282794	77.71	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.58	163	211733	15.42	ng	Qvalue 97
50) 2,6-Dinitrotoluene	14.58	165	2297	6.34	ng	# 31

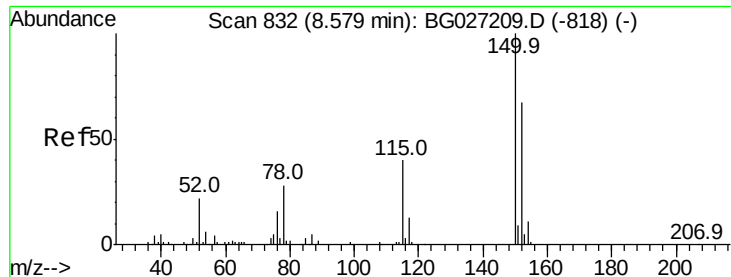
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

Instrument :

BNA_G

ClientSampled :

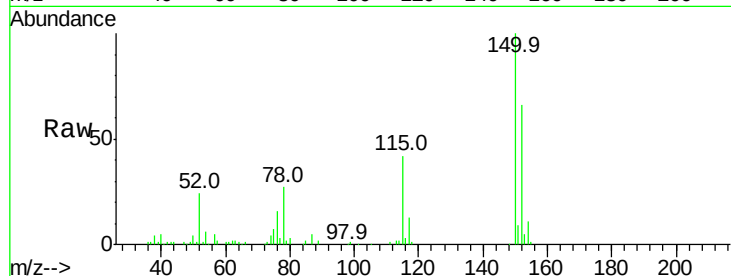
Tot Ion:152 Resp: 54505

Ion Ratio Lower Upper

152 100

150 152.6 114.0 171.0

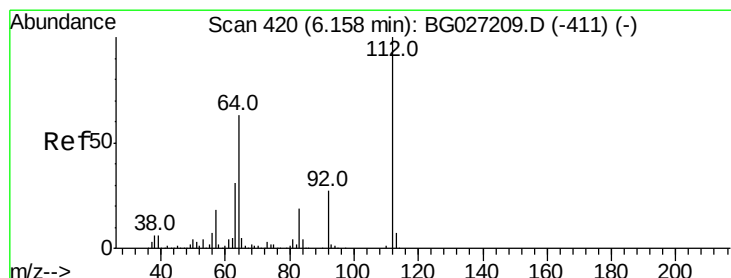
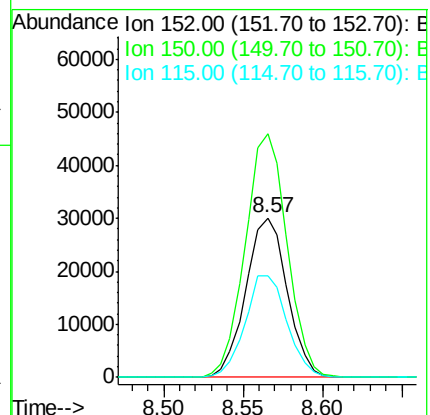
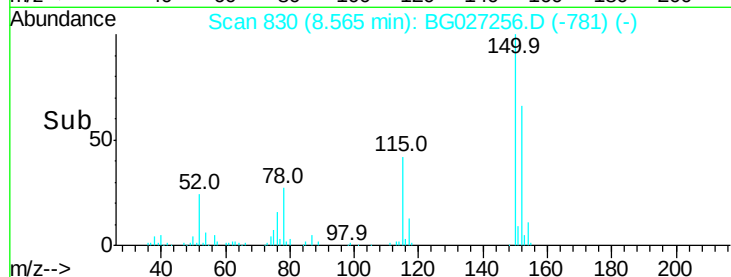
115 63.6 48.1 72.1



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: 128.76 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

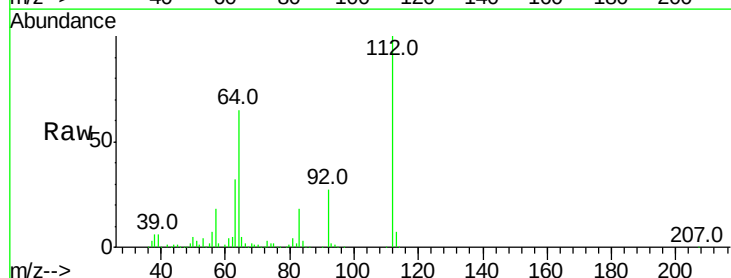
Tgt Ion:112 Resp: 459917

Ion Ratio Lower Upper

112 100

64 64.8 61.8 92.6

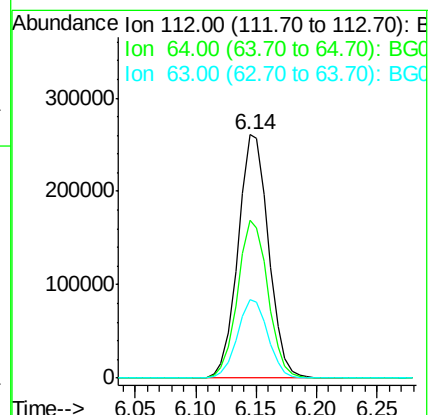
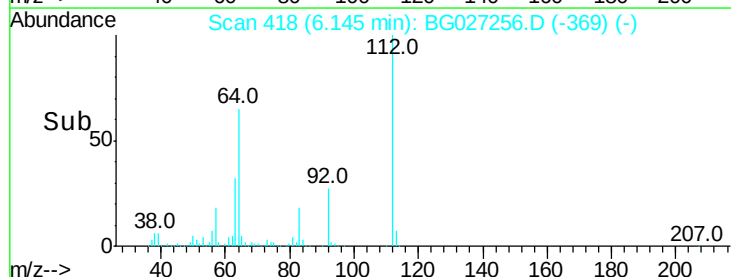
63 32.1 37.2 55.8#

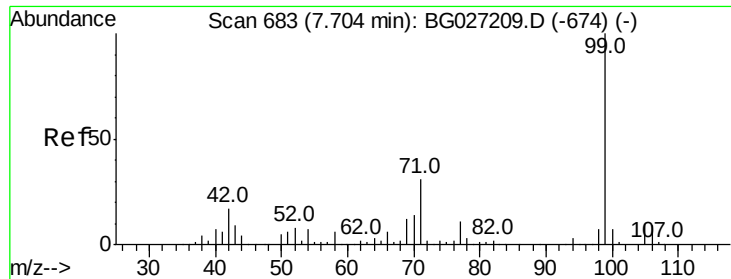


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.33 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

Instrument :

BNA_G

ClientSampled :

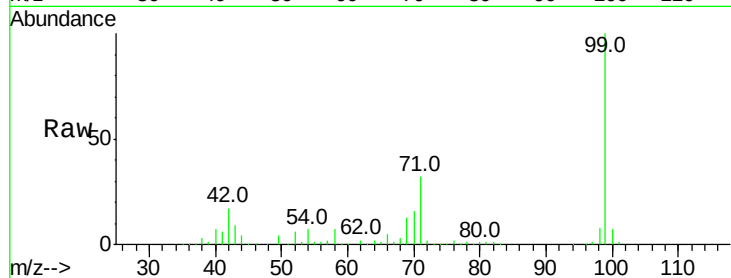
Tot Ion: 99 Resp: 662353

Ion Ratio Lower Upper

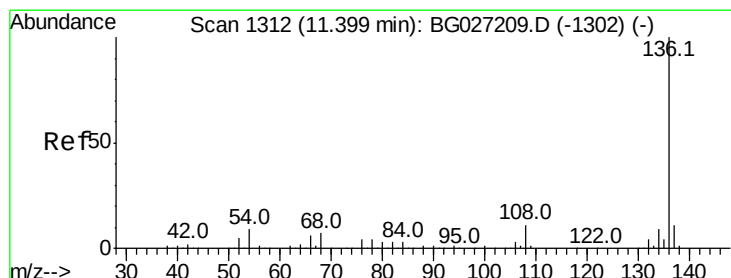
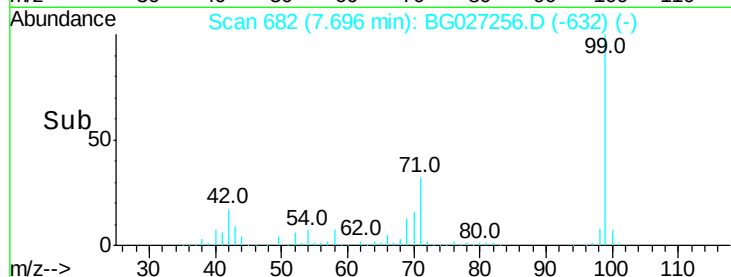
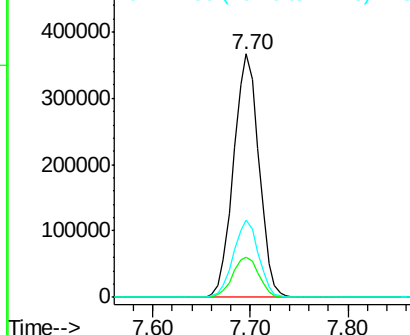
99 100

42 16.6 20.5 30.7#

71 31.8 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: 20.00 ng

RT: 11.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

Tgt Ion: 136 Resp: 258393

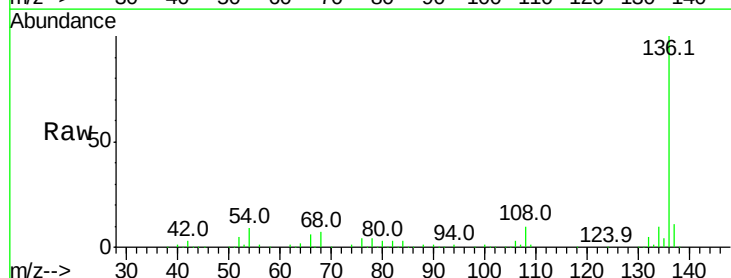
Ion Ratio Lower Upper

136 100

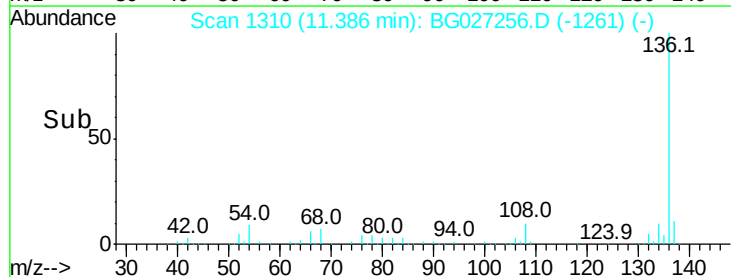
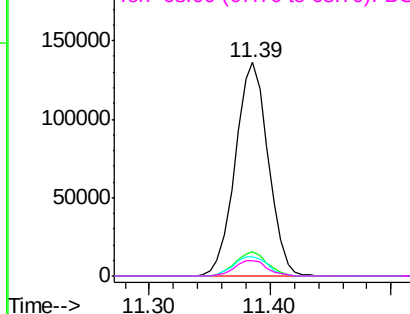
137 11.2 8.9 13.3

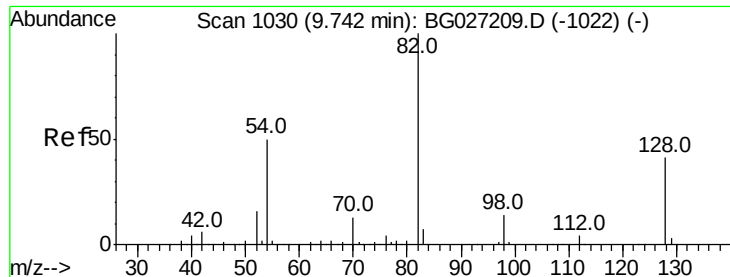
54 9.0 9.3 13.9#

68 7.2 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

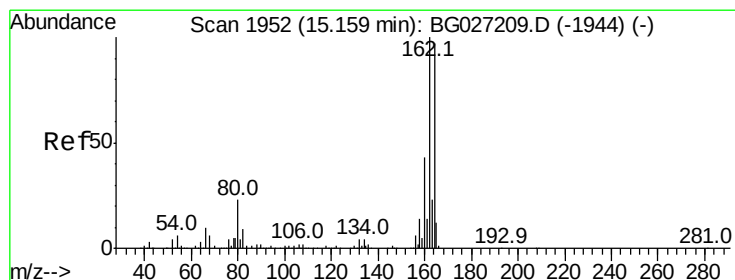
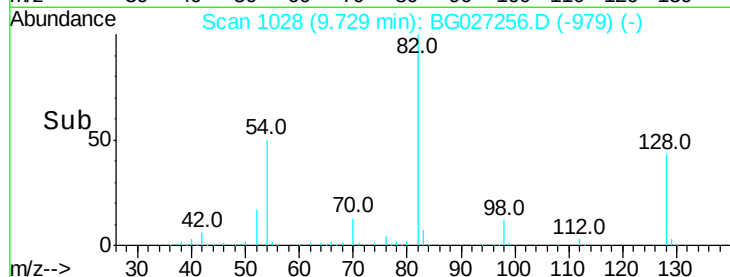
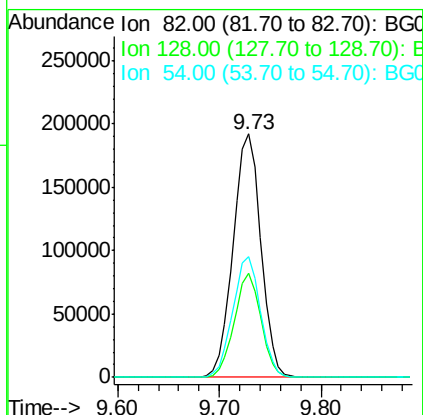
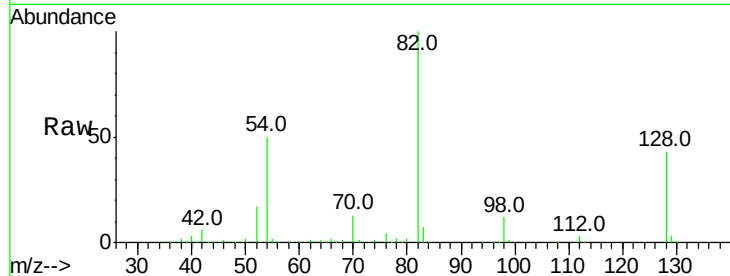




#23
 Nitrobenzene-d5
 Concen: 88.77 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027256.D
 Acq: 6 Jun 2017 19:31

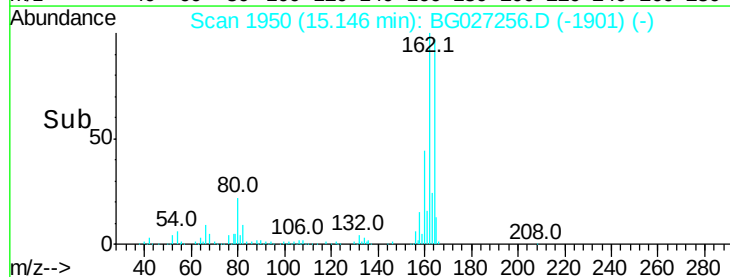
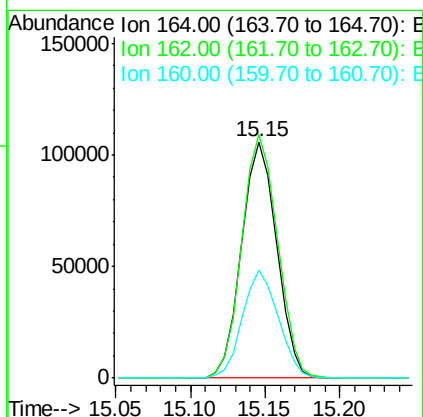
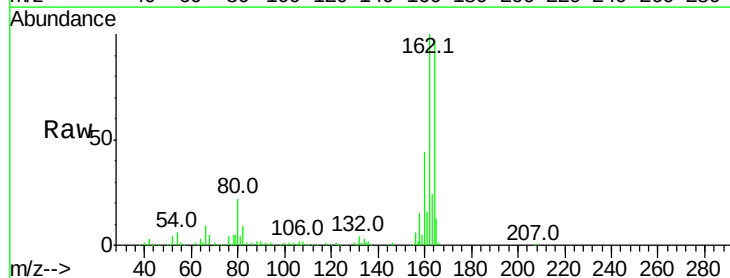
Instrument :
 BNA_G
 ClientSampleId :

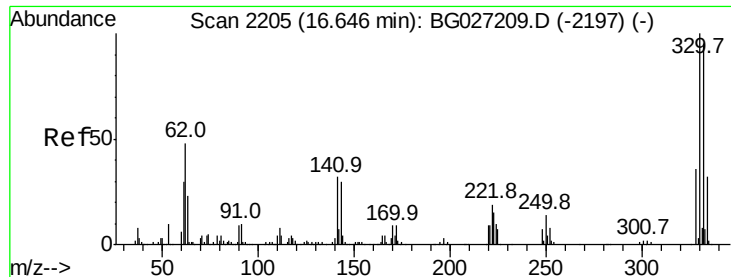
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	26.4	39.6
54	49.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027256.D
 Acq: 6 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	45.6	34.7	52.1

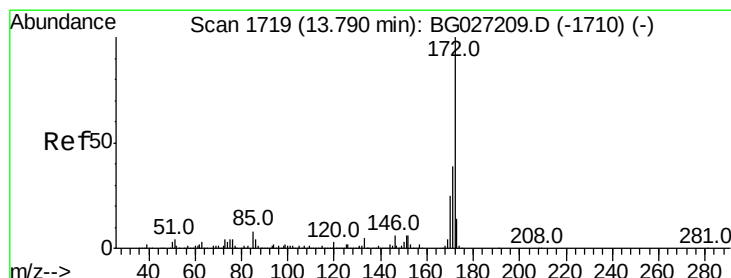
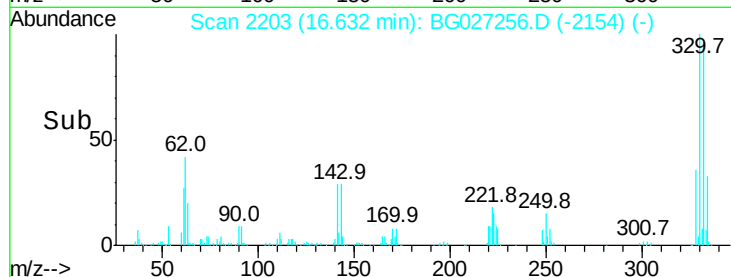
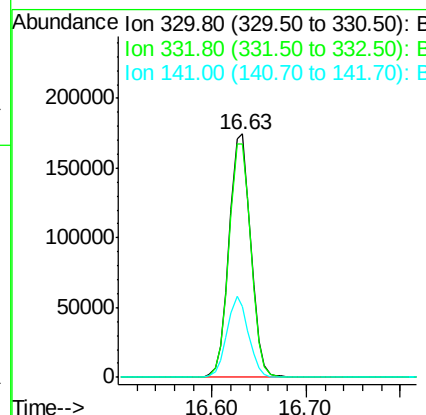
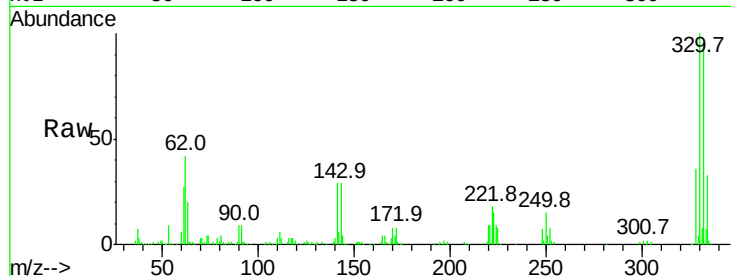




#41
 2,4,6-Tribromophenol
 Concen: 123.06 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027256.D
 Acq: 6 Jun 2017 19:31

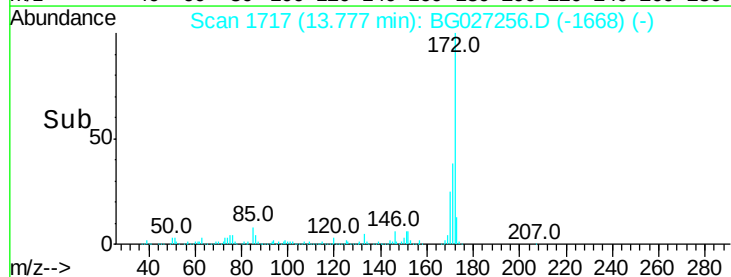
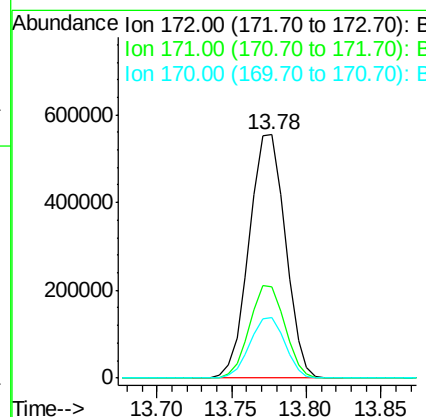
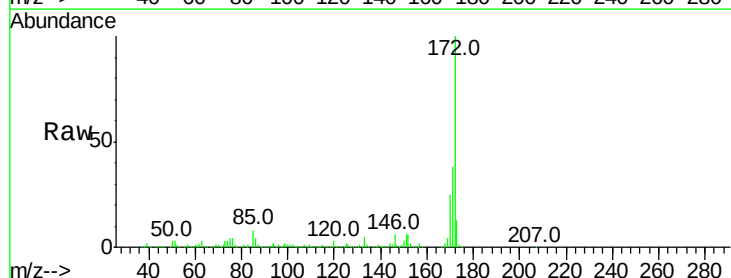
Instrument :
 BNA_G
 ClientSampleId :

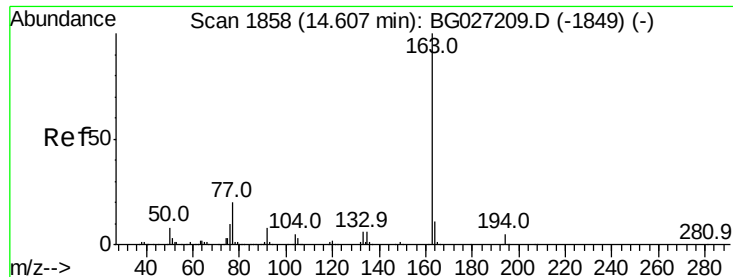
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	32.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 75.34 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027256.D
 Acq: 6 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.7	21.8	32.6





#49

Dimethylphthalate

Concen: 15.42 ng

RT: 14.58 min Scan# 1854

Delta R.T. -0.03 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

Instrument :

BNA_G

ClientSampleId :

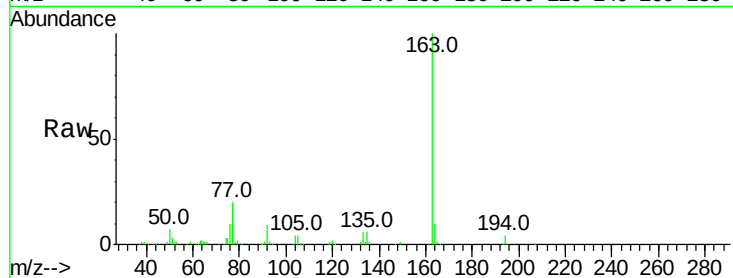
Tot Ion:163 Resp: 211733

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

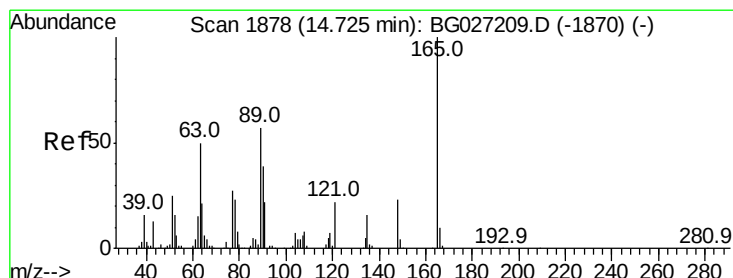
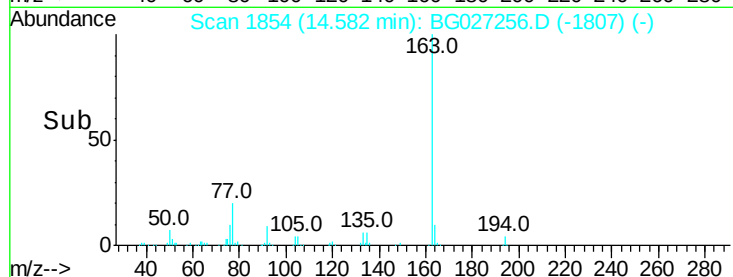
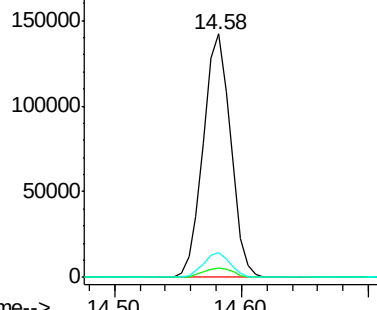
164 10.4 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 6.34 ng

RT: 14.58 min Scan# 1854

Delta R.T. -0.14 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

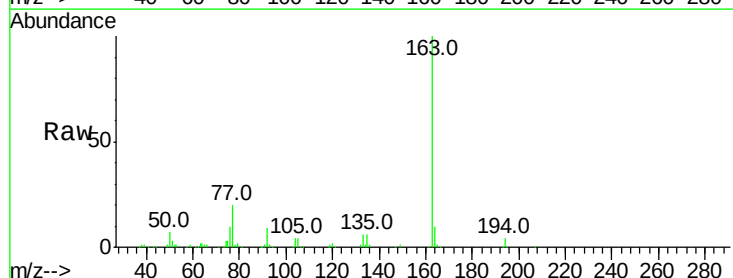
Tgt Ion:165 Resp: 2297

Ion Ratio Lower Upper

165 100

63 138.3 63.9 95.9#

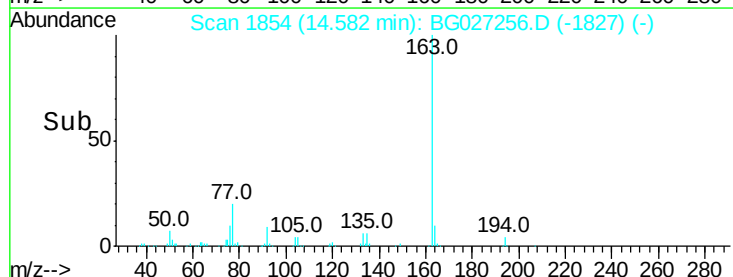
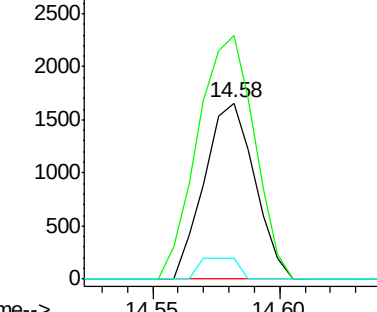
89 11.9 58.6 88.0#

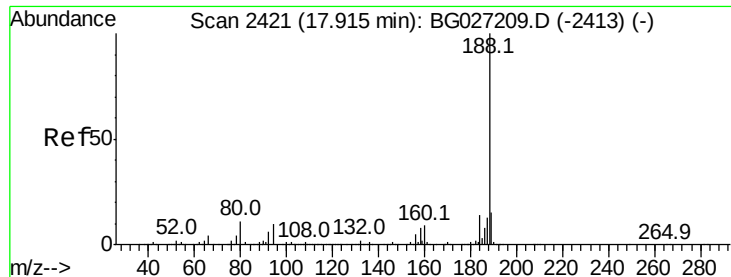


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

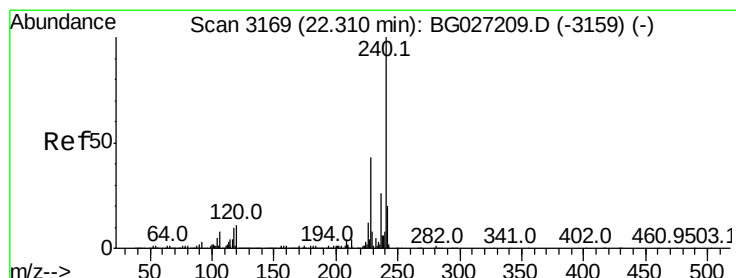
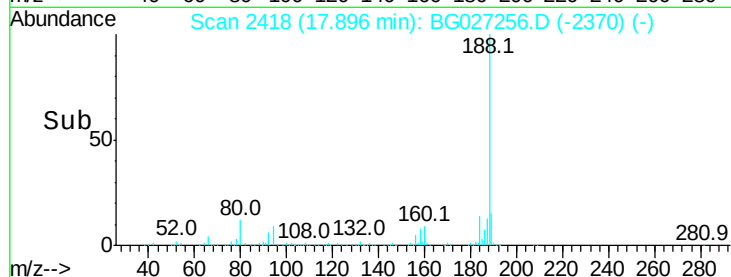
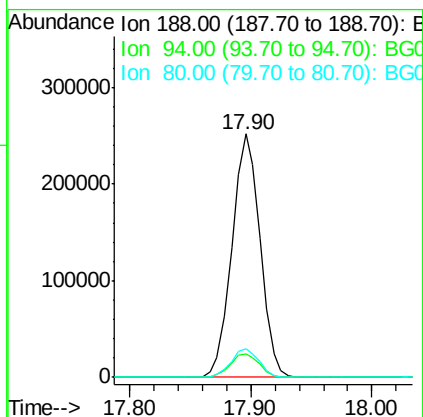
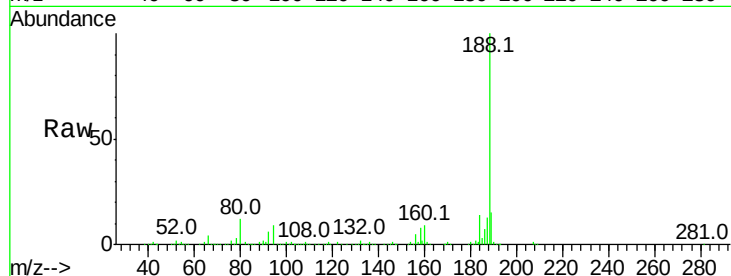




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027256.D
Acq: 6 Jun 2017 19:31

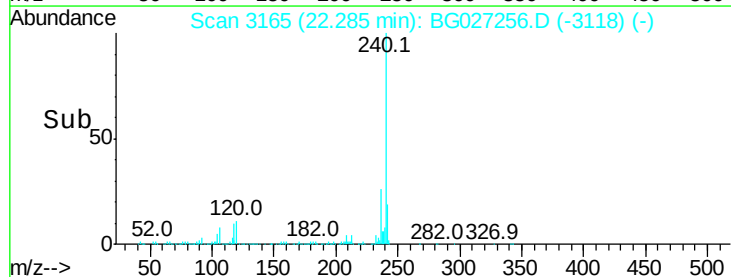
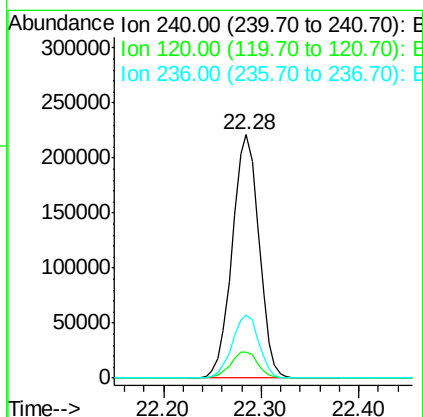
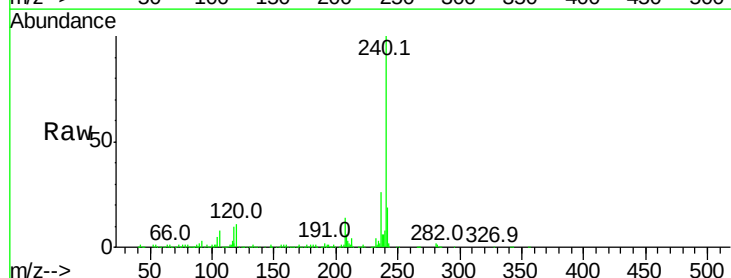
Instrument :
BNA_G
ClientSampleId :

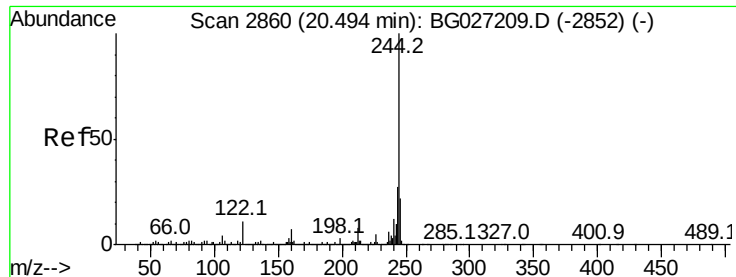
Tot Ion:188 Resp: 407897
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 12.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027256.D
Acq: 6 Jun 2017 19:31

Tgt Ion:240 Resp: 421099
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 77.71 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

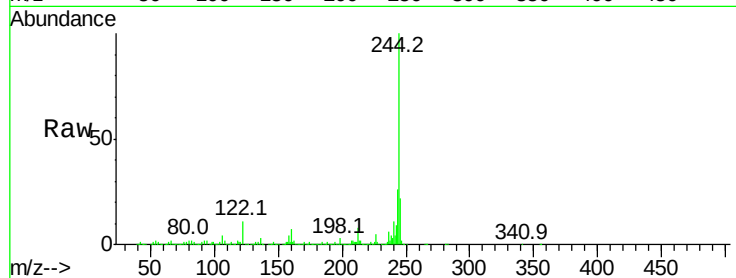
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1282794

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	10.8	8.6	12.8

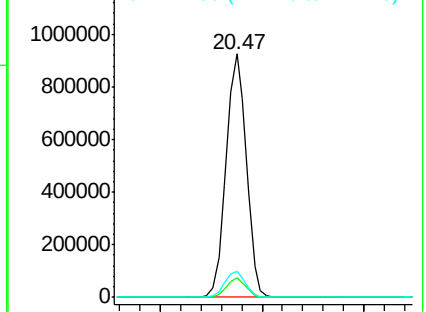
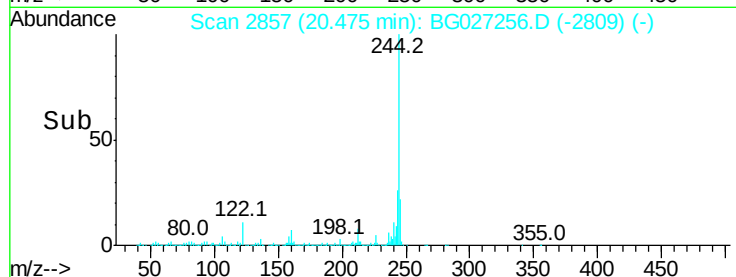
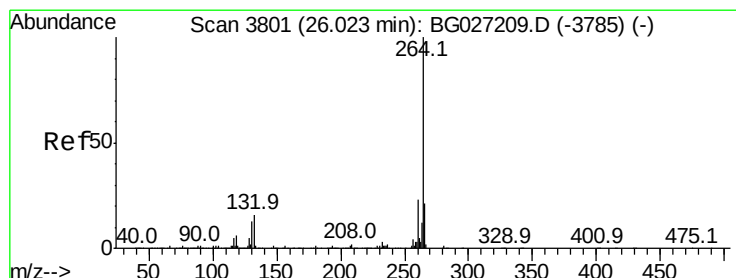


Abundance

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

#86

Perylene-d12

Concen: 20.00 ng

RT: 25.98 min Scan# 3794

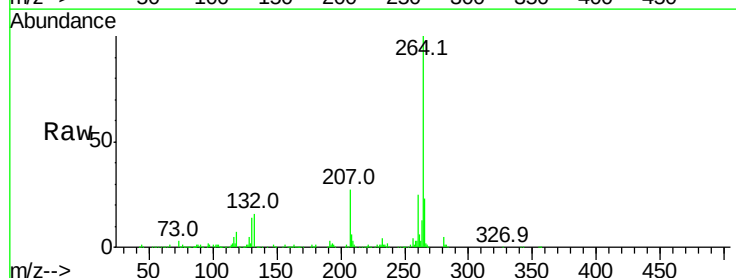
Delta R.T. -0.04 min

Lab File: BG027256.D

Acq: 6 Jun 2017 19:31

Tgt Ion:264 Resp: 390748

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	23.0	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

