

Data Path : Z:\HPCHEM1\BNA G\Data\BG060917\
 Data File : BG027366.D
 Acq On : 10 Jun 2017 3:20
 Operator : SJ/MA
 Sample : I3566-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

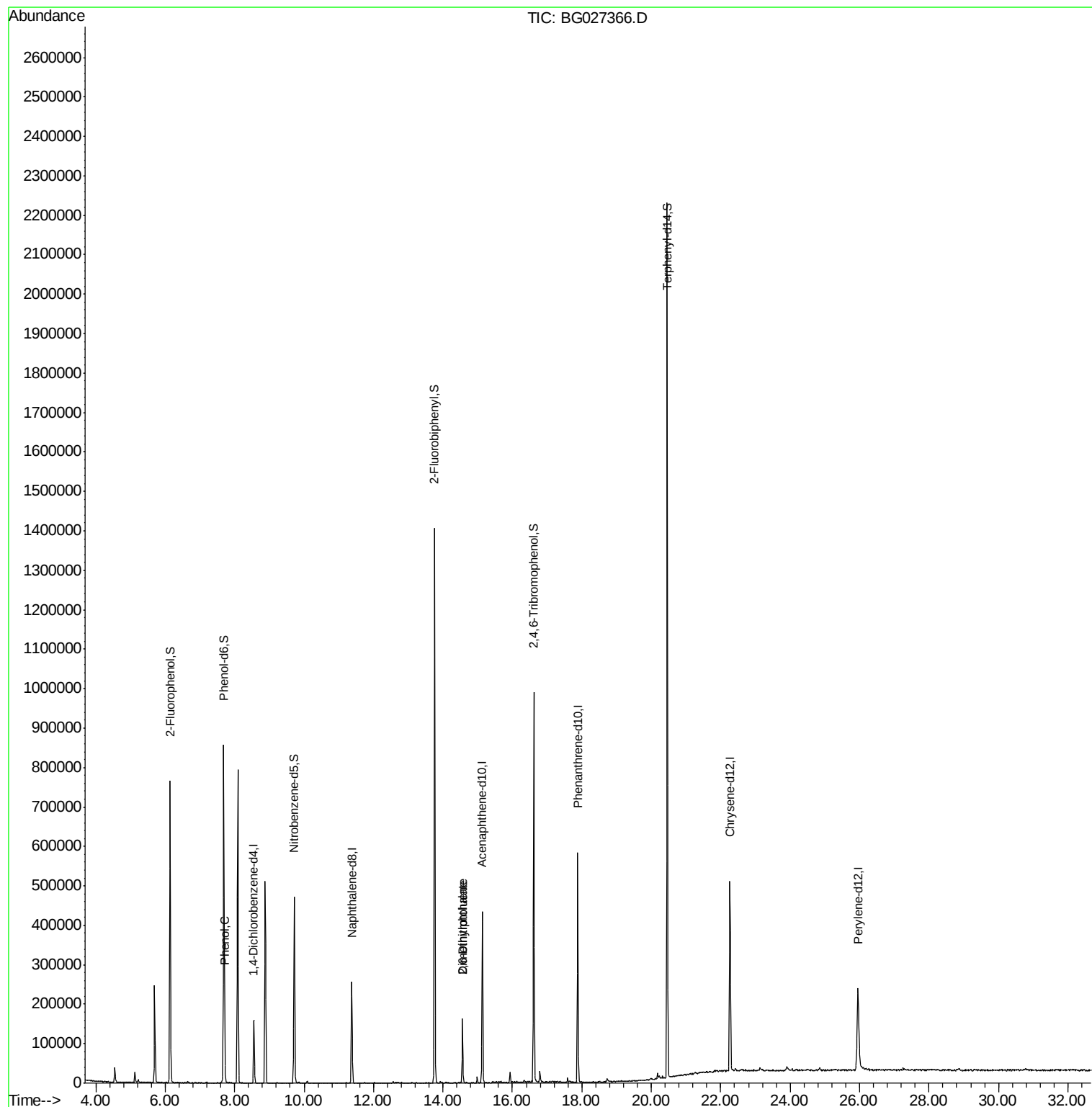
Quant Time: Jun 10 07:02:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

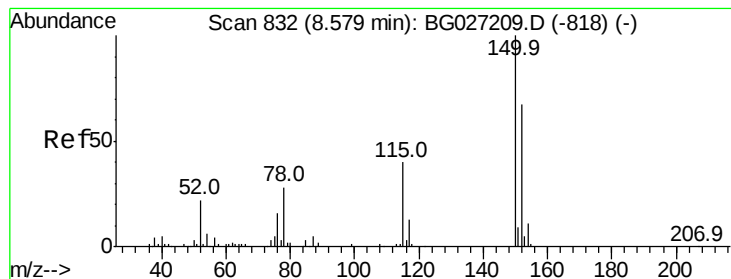
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	45246	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	225569	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	148647	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	353071	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	342779	20.00	ng	-0.04
86) Perylene-d12	25.95	264	193063	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	354855	119.68	ng	-0.01
7) Phenol-d6	7.69	99	542084	124.55	ng	-0.02
23) Nitrobenzene-d5	9.72	82	317592	88.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	191755	97.96	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	726213	68.35	ng	-0.03
78) Terphenyl-d14	20.46	244	1009243	75.11	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.72	94	14487	3.25	ng	89
49) Dimethylphthalate	14.56	163	109206	9.26	ng	97
50) 2,6-Dinitrotoluene	14.56	165	1034	6.00	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027366.D

Acq: 10 Jun 2017 3:20

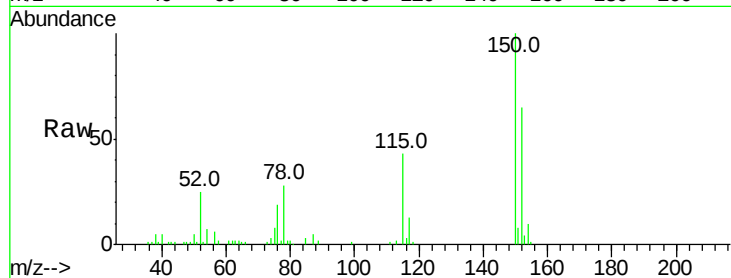
Tot Ion:152 Resp: 45246

Ion Ratio Lower Upper

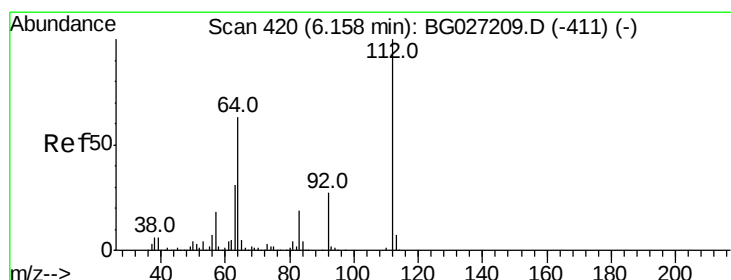
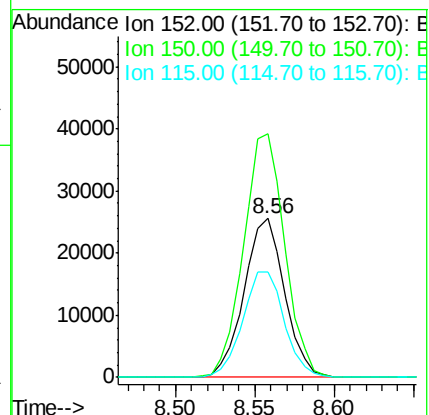
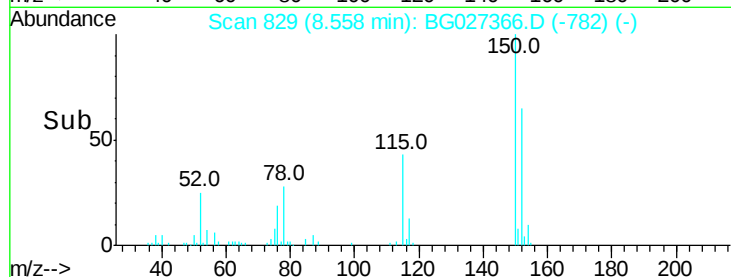
152 100

150 153.4 114.0 171.0

115 66.1 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: 119.68 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027366.D

Acq: 10 Jun 2017 3:20

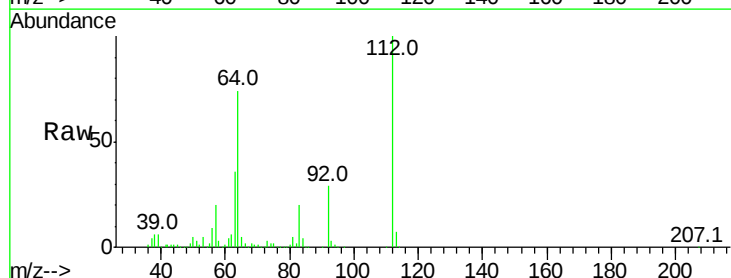
Tgt Ion:112 Resp: 354855

Ion Ratio Lower Upper

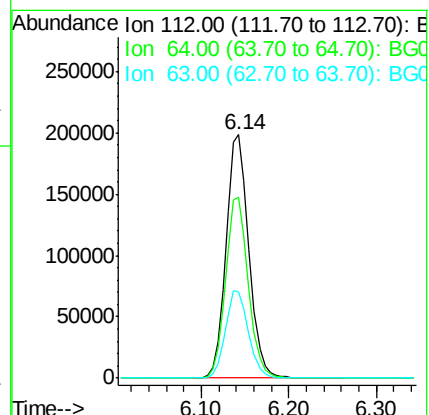
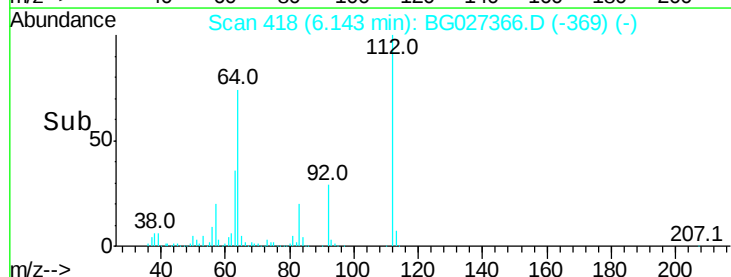
112 100

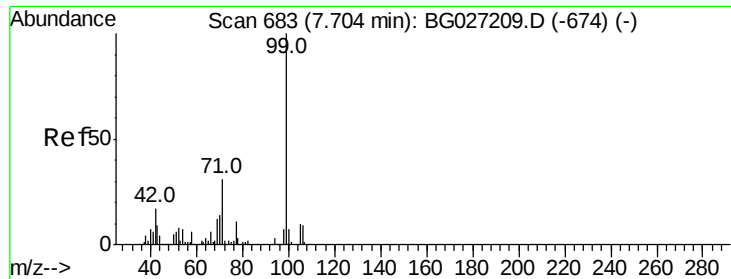
64 74.3 61.8 92.6

63 35.5 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.55 ng

RT: 7.69 min Scan# 681

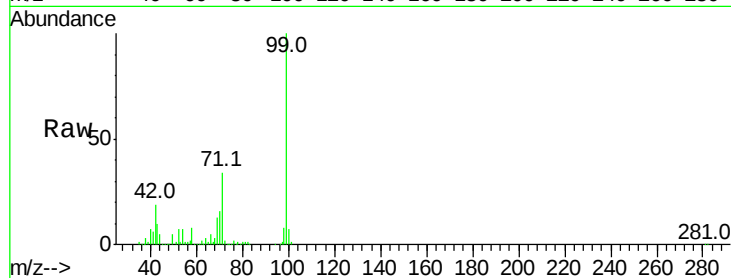
Delta R.T. -0.02 min

Lab File: BG027366.D

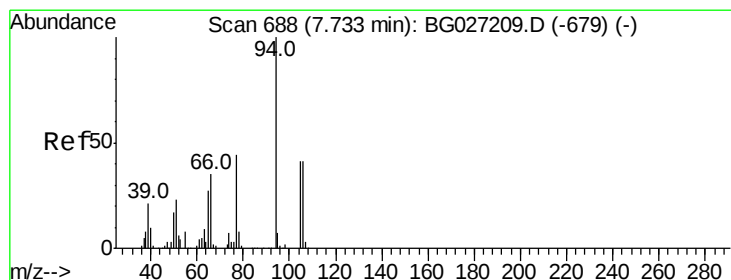
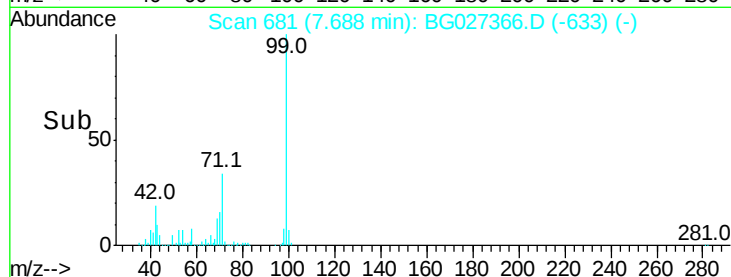
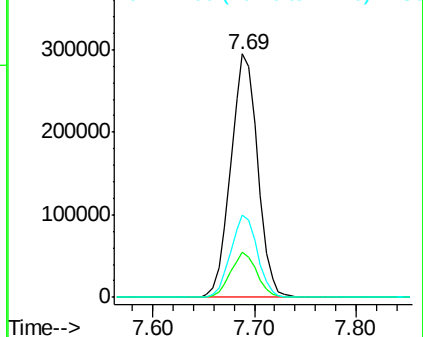
Acq: 10 Jun 2017 3:20

Tot Ion: 99 Resp: 542084

Ion	Ratio	Lower	Upper
99	100		
42	18.5	20.5	30.7#
71	34.0	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



#10

Phenol

Concen: 3.25 ng

RT: 7.72 min Scan# 686

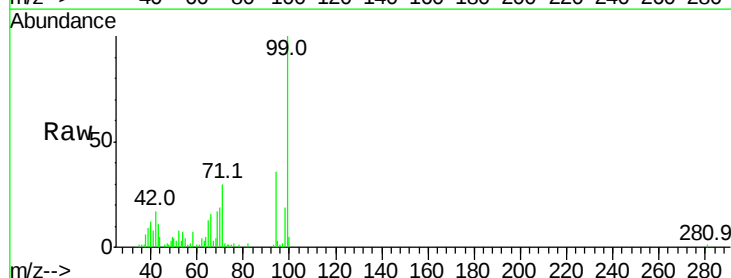
Delta R.T. -0.02 min

Lab File: BG027366.D

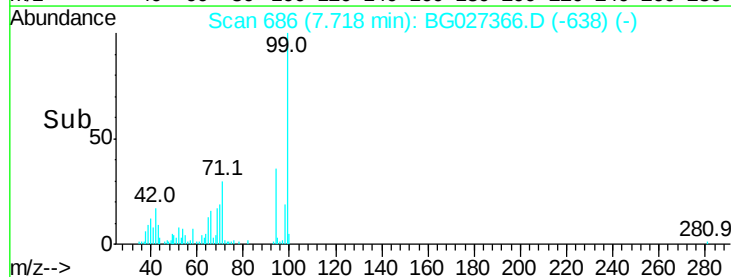
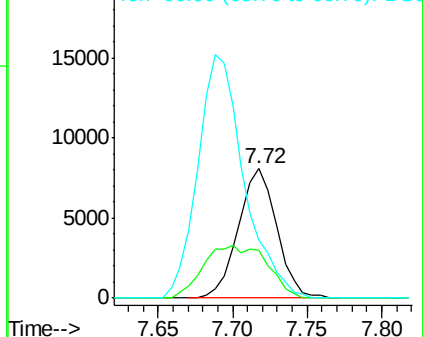
Acq: 10 Jun 2017 3:20

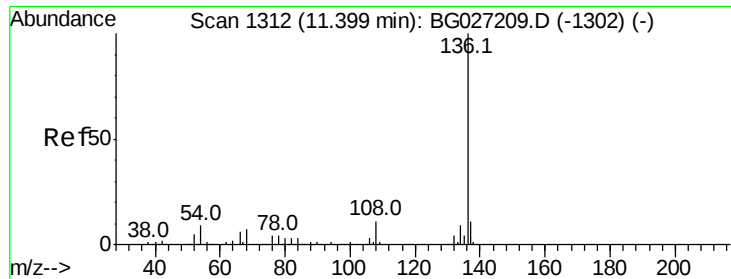
Tgt Ion: 94 Resp: 14487

Ion	Ratio	Lower	Upper
94	100		
65	36.9	20.6	60.6
66	45.3	35.5	75.5



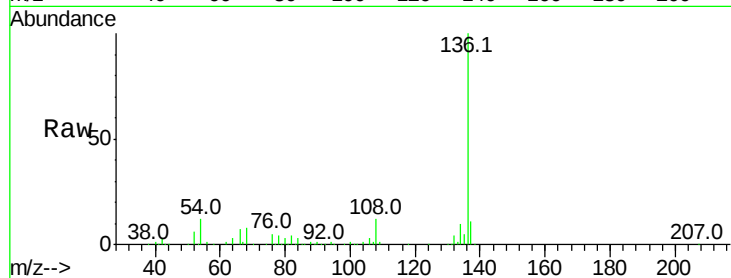
Abundance Ion 94.00 (93.70 to 94.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC



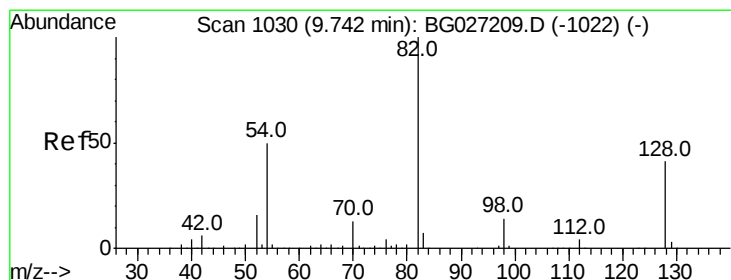
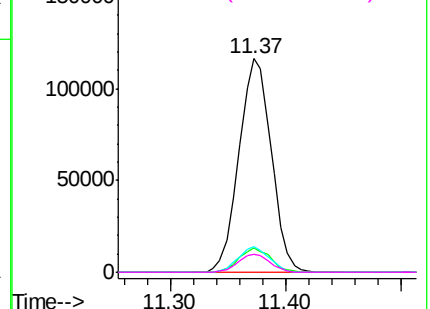
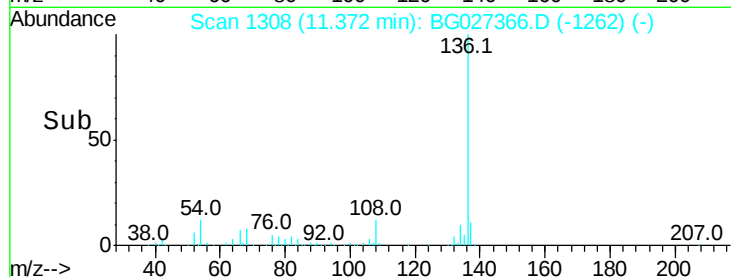


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027366.D
Acq: 10 Jun 2017 3:20

Tot Ion:136	Resp:	225569
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	12.0	9.3 13.9
68	8.3	5.1 7.7#

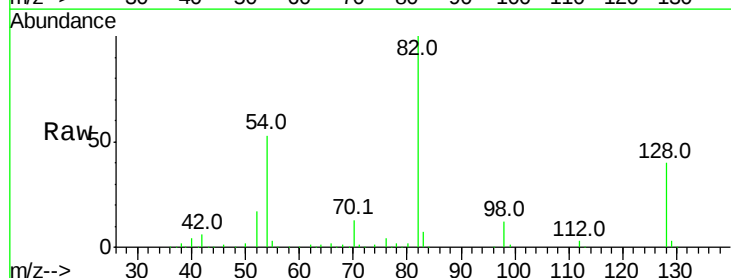


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

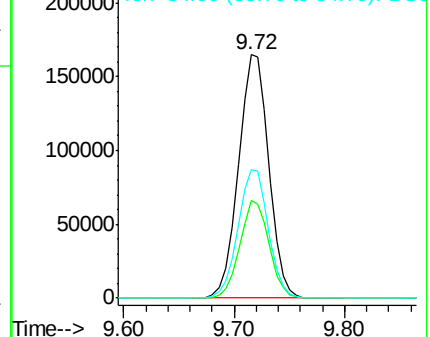
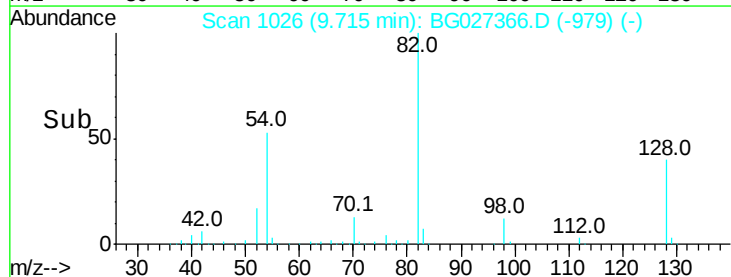


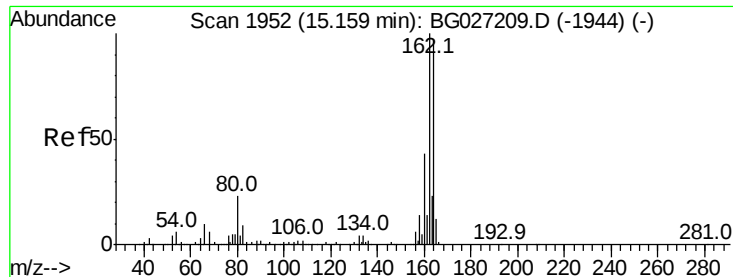
#23
Nitrobenzene-d5
Concen: 88.55 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027366.D
Acq: 10 Jun 2017 3:20

Tgt Ion: 82	Resp:	317592
Ion	Ratio	Lower Upper
82	100	
128	40.0	26.4 39.6#
54	52.8	49.4 74.2



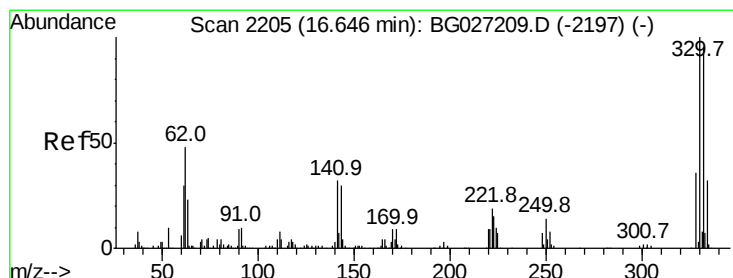
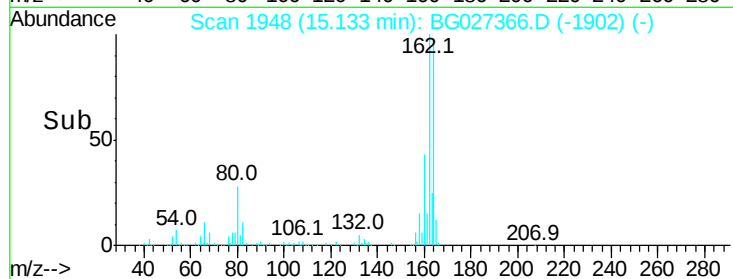
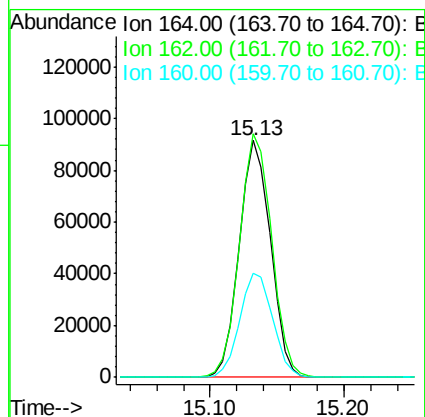
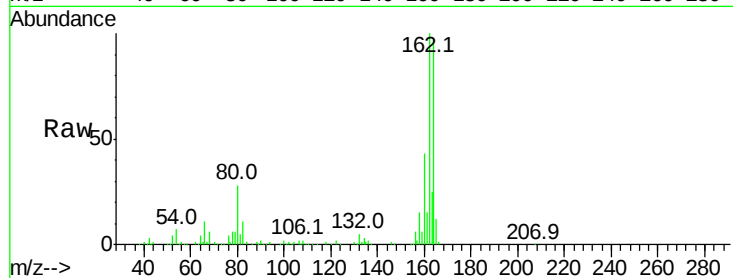
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





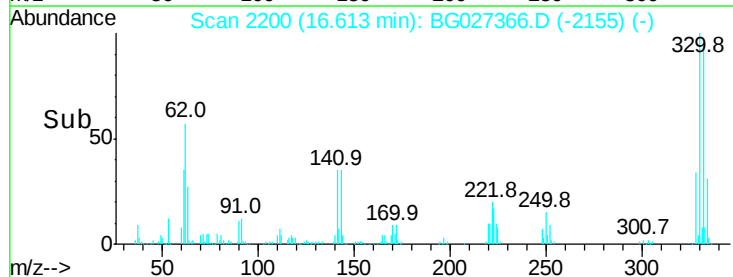
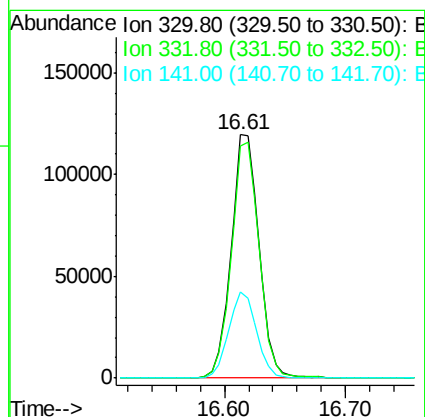
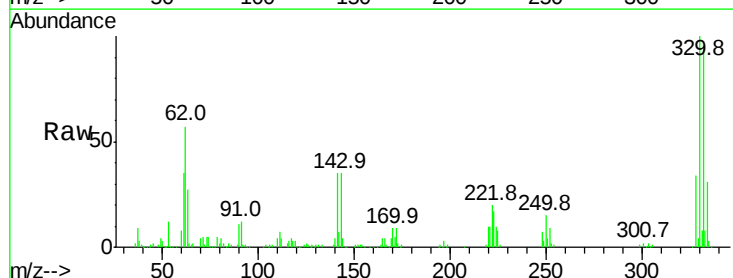
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027366.D
 Acq: 10 Jun 2017 3:20

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	44.2	34.7	52.1



#41
 2,4,6-Tribromophenol
 Concen: 97.96 ng
 RT: 16.61 min Scan# 2200
 Delta R.T. -0.03 min
 Lab File: BG027366.D
 Acq: 10 Jun 2017 3:20

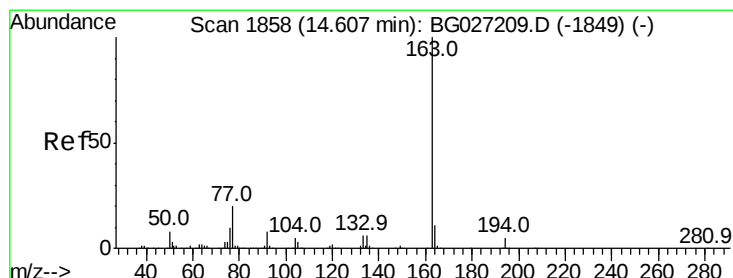
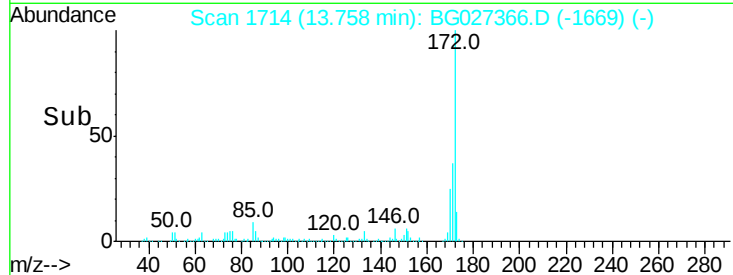
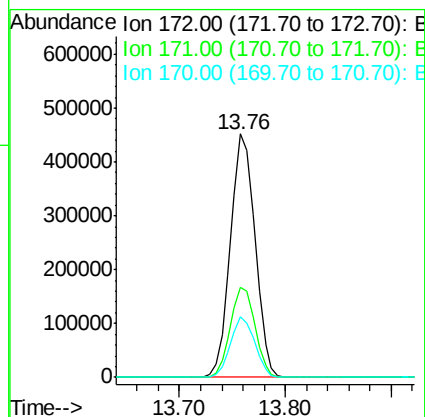
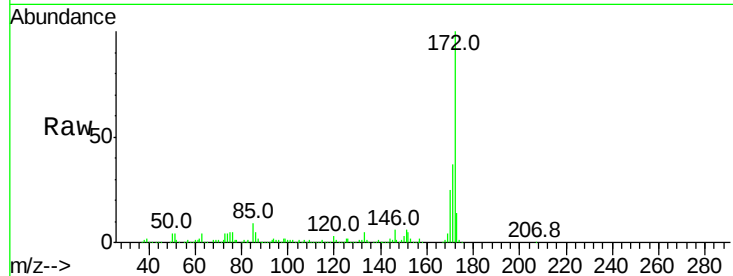
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	35.1	32.1	48.1





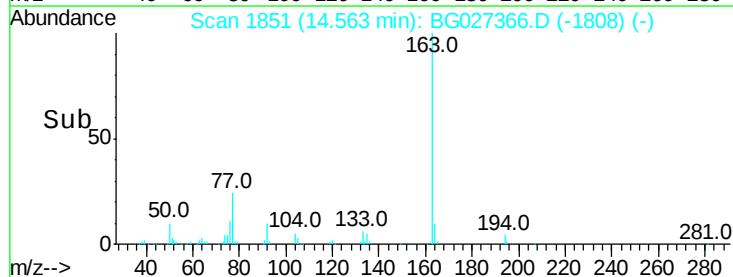
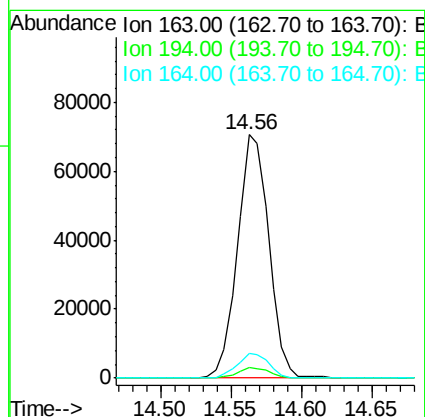
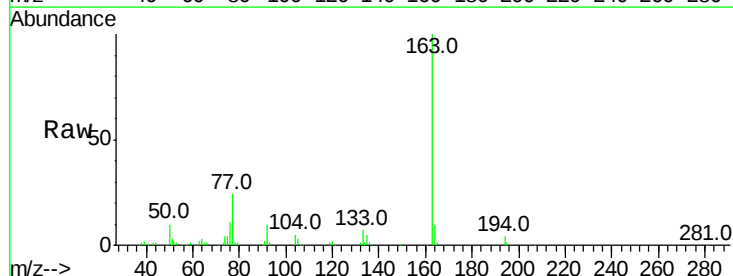
#44
2-Fluorobiphenyl
Concen: 68.35 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027366.D
Acq: 10 Jun 2017 3:20

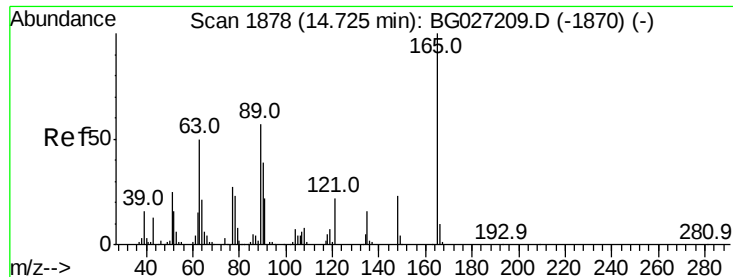
Tot Ion:	172	Resp:	726213
Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.9	21.8	32.6



#49
Dimethylphthalate
Concen: 9.26 ng
RT: 14.56 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BG027366.D
Acq: 10 Jun 2017 3:20

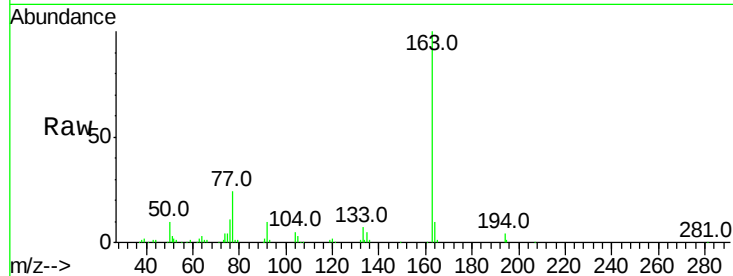
Tgt Ion:	163	Resp:	109206
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	10.4	9.3	13.9



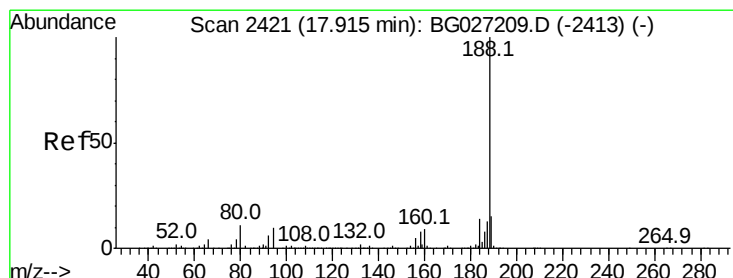
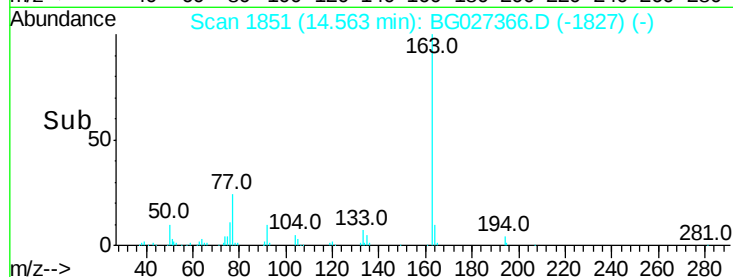
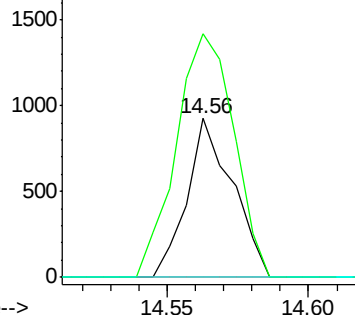


#50
 2,6-Dinitrotoluene
 Concen: 6.00 ng
 RT: 14.56 min Scan# 1851
 Delta R.T. -0.16 min
 Lab File: BG027366.D
 Acq: 10 Jun 2017 3:20

Tot Ion:165 Resp: 1034
 Ion Ratio Lower Upper
 165 100
 63 153.2 63.9 95.9#
 89 0.0 58.6 88.0#

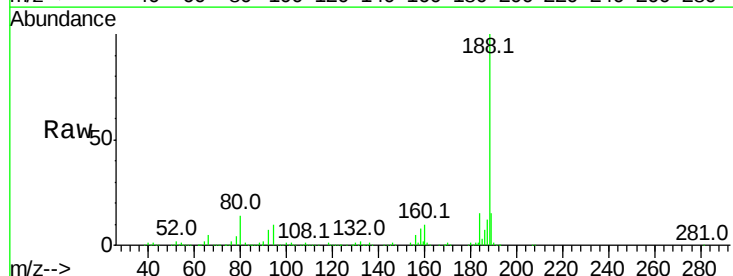


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

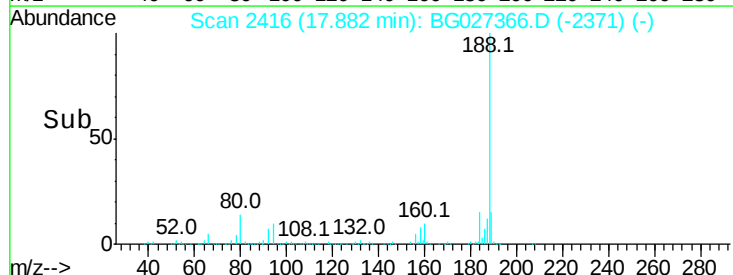
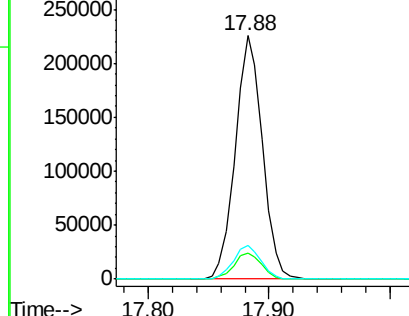


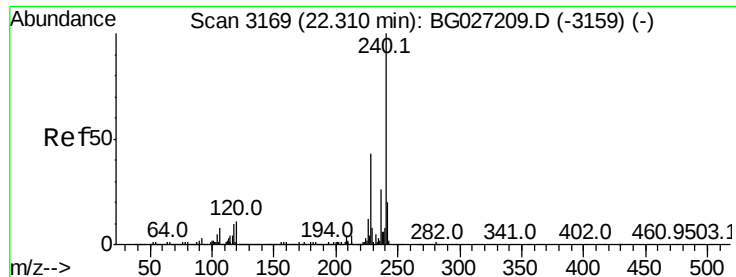
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.88 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BG027366.D
 Acq: 10 Jun 2017 3:20

Tgt Ion:188 Resp: 353071
 Ion Ratio Lower Upper
 188 100
 94 10.4 5.8 8.8#
 80 13.8 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: 20.00 ng

RT: 22.27 min Scan# 3162

Delta R.T. -0.04 min

Lab File: BG027366.D

Acq: 10 Jun 2017 3:20

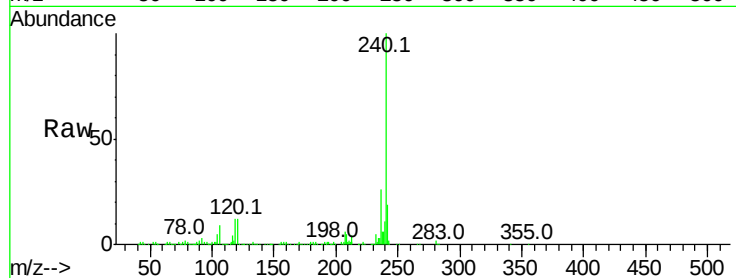
Tot Ion:240 Resp: 342779

Ion Ratio Lower Upper

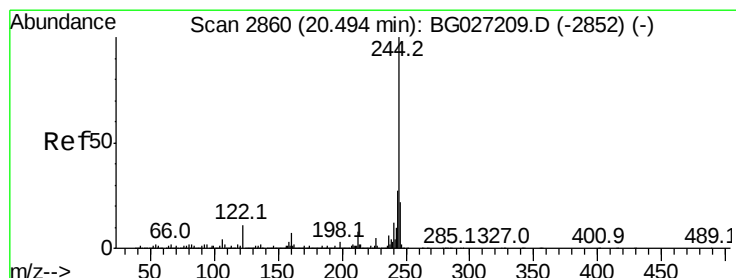
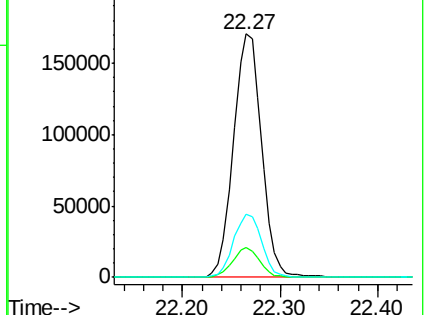
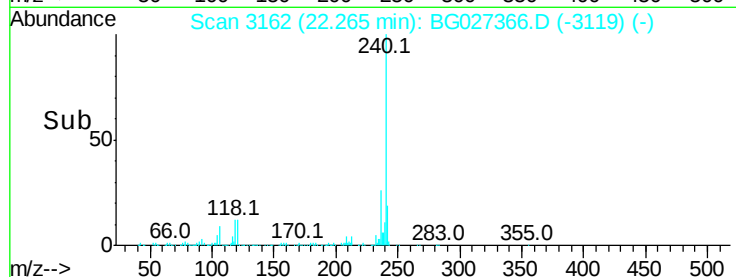
240 100

120 12.0 5.7 8.5#

236 25.7 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: 75.11 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027366.D

Acq: 10 Jun 2017 3:20

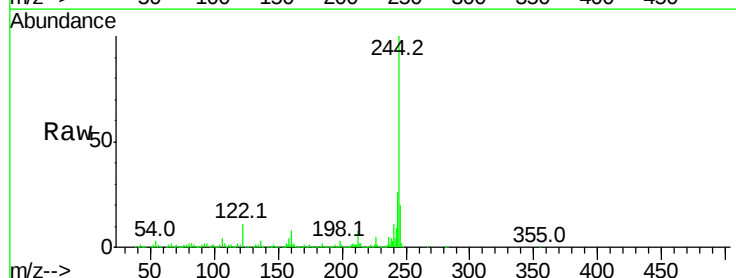
Tgt Ion:244 Resp: 1009243

Ion Ratio Lower Upper

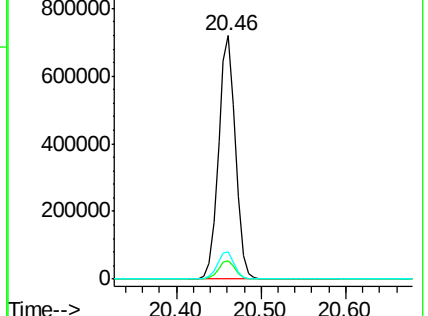
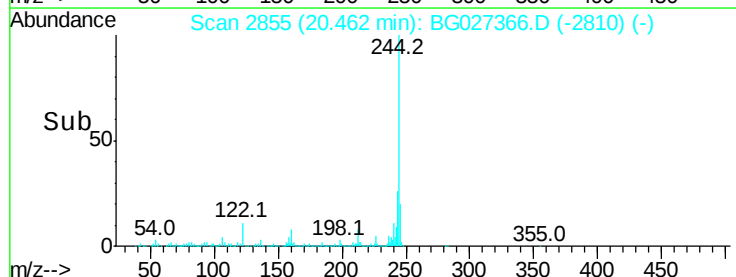
244 100

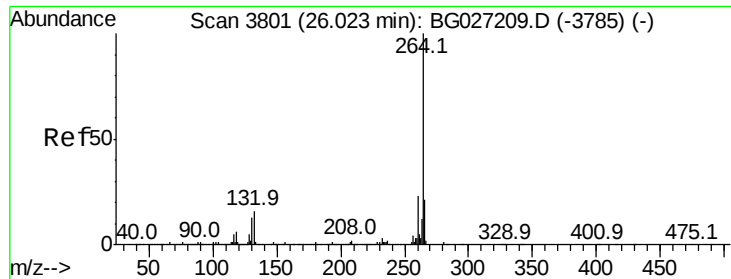
212 7.7 10.0 15.0#

122 11.3 8.6 12.8



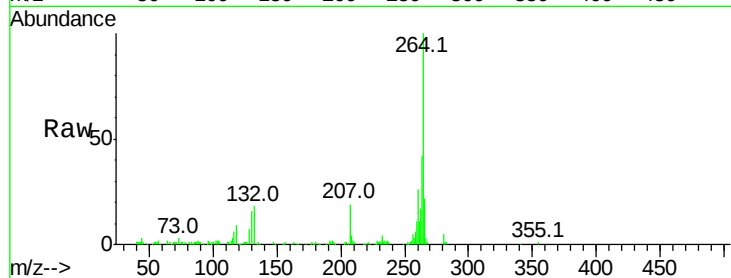
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.95 min Scan# 3789
 Delta R.T. -0.07 min
 Lab File: BG027366.D
 Acq: 10 Jun 2017 3:20

Tot Ion:	264	Resp:	193063
Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.8	32.8
265	21.7	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

