

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027414.D
 Acq On : 14 Jun 2017 10:13
 Operator : SJ/MA
 Sample : I3633-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 11:35:34 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

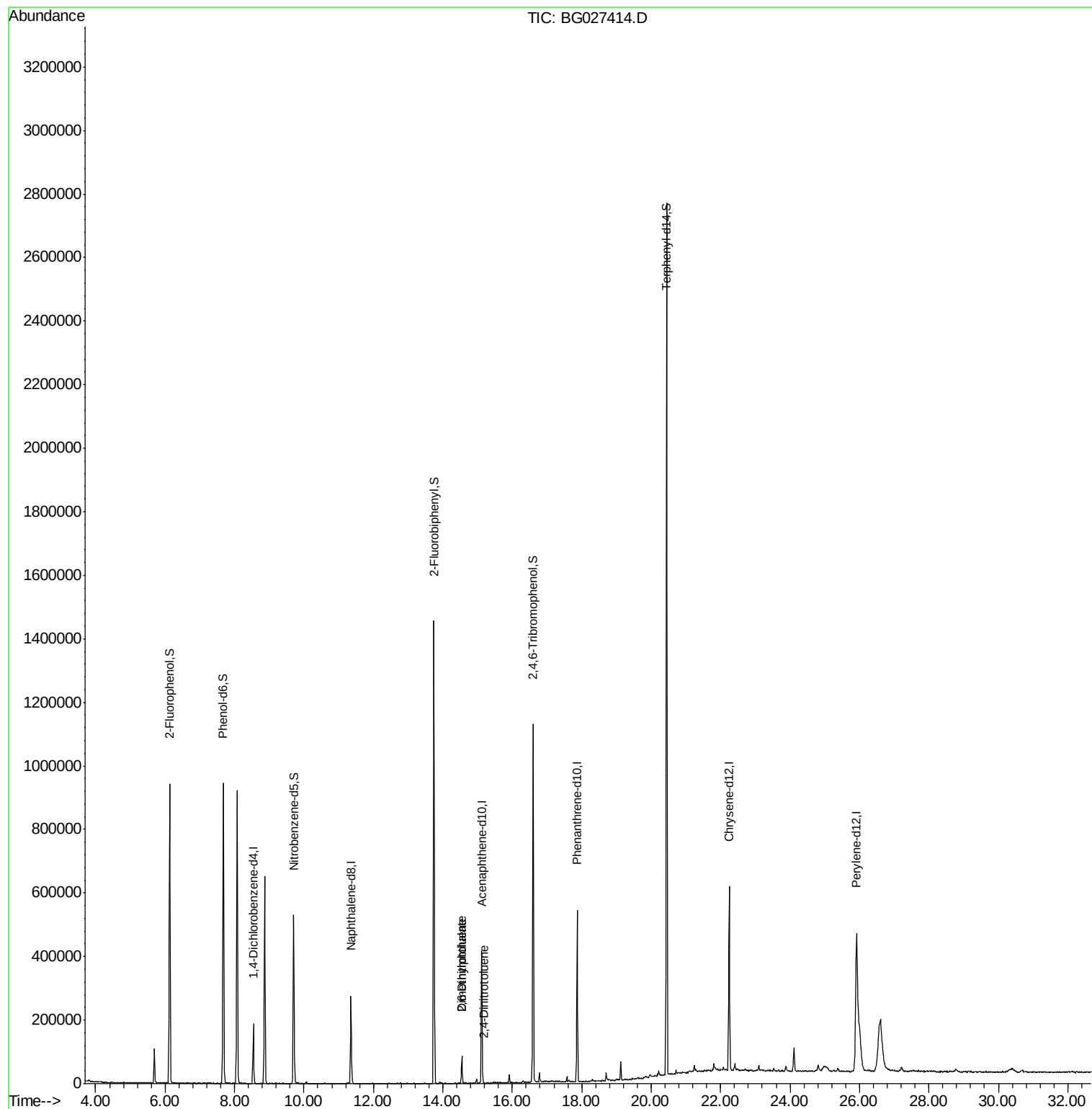
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	54818	20.00	ng	-0.03
21) Naphthalene-d8	11.35	136	244282	20.00	ng	-0.05
38) Acenaphthene-d10	15.12	164	140748	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	335961	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	395040	20.00	ng	-0.06
86) Perylene-d12	25.91	264	389340	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	425714	118.51	ng	-0.03
7) Phenol-d6	7.67	99	602180	114.20	ng	-0.03
23) Nitrobenzene-d5	9.70	82	346699	89.26	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	218032	117.64	ng	-0.05
44) 2-Fluorobiphenyl	13.74	172	771382	76.67	ng	-0.05
78) Terphenyl-d14	20.44	244	1250525	80.75	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	54034	4.84	ng	96
50) 2,6-Dinitrotoluene	14.54	165	537	5.82	ng	# 12
56) 2,4-Dinitrotoluene	15.18	165	55	7.00	ng	# 16

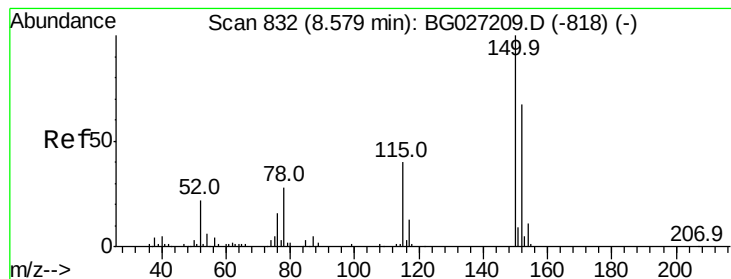
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA_G

ClientSampleId :

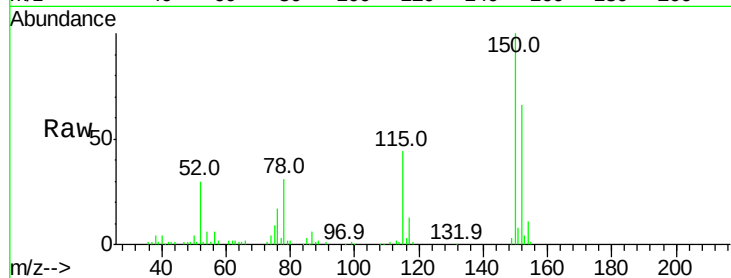
Tot Ion:152 Resp: 54818

Ion Ratio Lower Upper

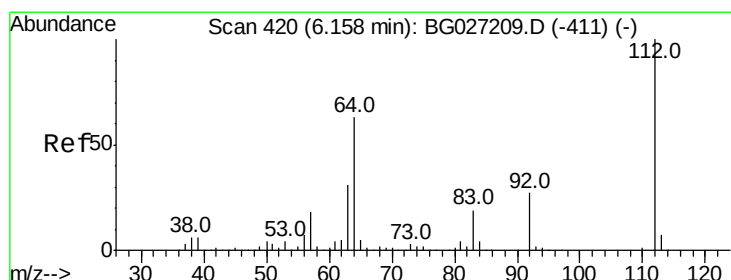
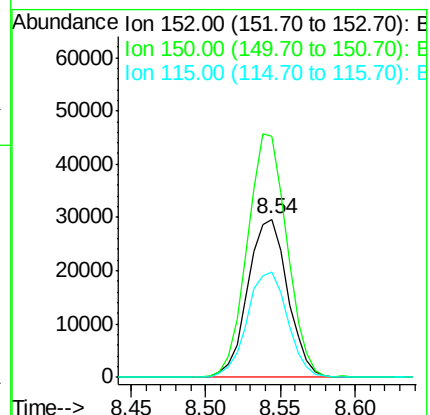
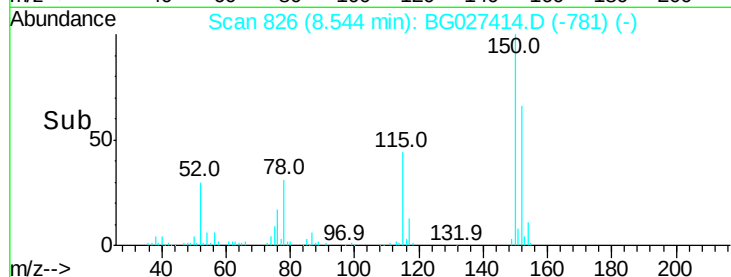
152 100

150 152.1 114.0 171.0

115 66.4 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: 118.51 ng

RT: 6.13 min Scan# 415

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

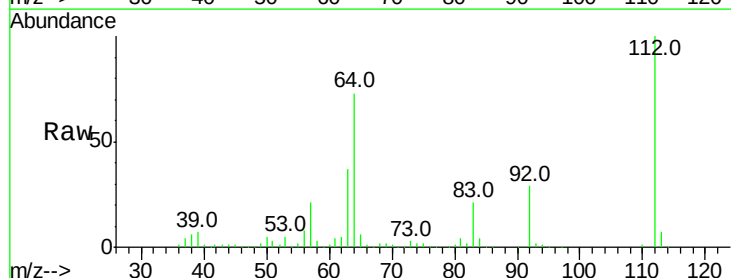
Tgt Ion:112 Resp: 425714

Ion Ratio Lower Upper

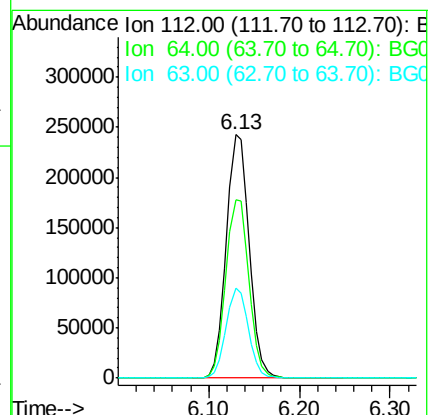
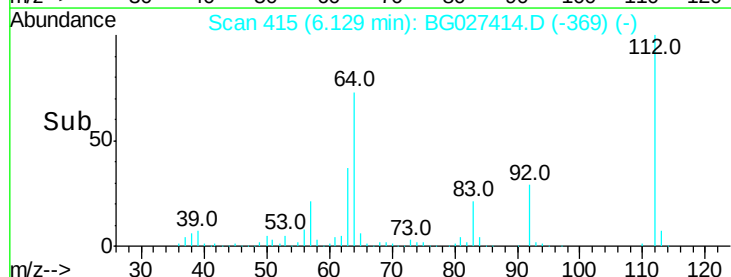
112 100

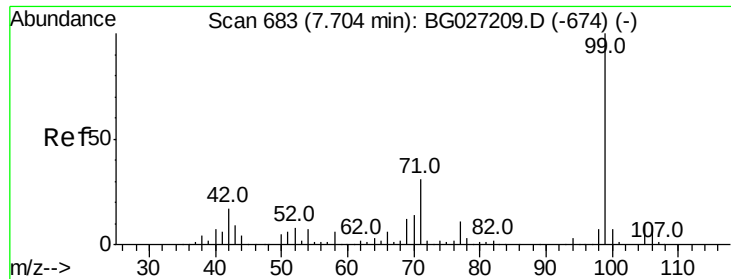
64 73.2 61.8 92.6

63 37.2 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: 114.20 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA_G

ClientSampled :

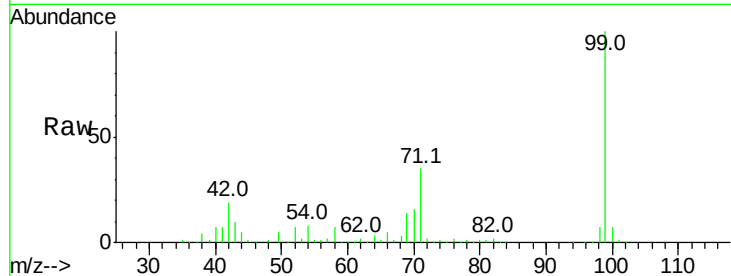
Tot Ion: 99 Resp: 602180

Ion Ratio Lower Upper

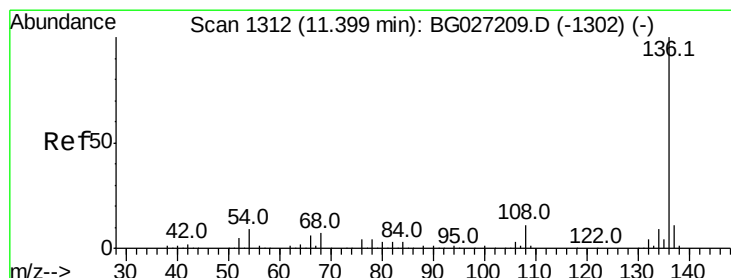
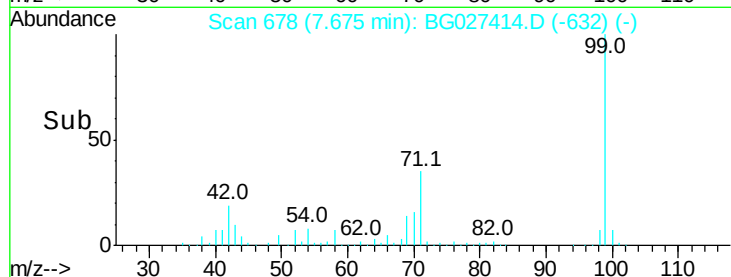
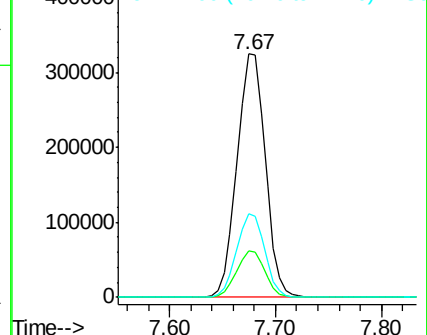
99 100

42 18.9 20.5 30.7#

71 34.5 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: 11.35 min Scan# 1304

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Tgt Ion: 136 Resp: 244282

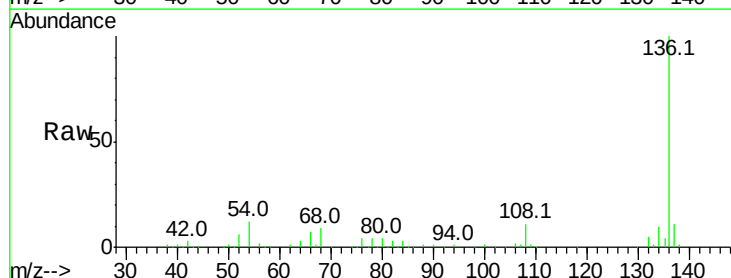
Ion Ratio Lower Upper

136 100

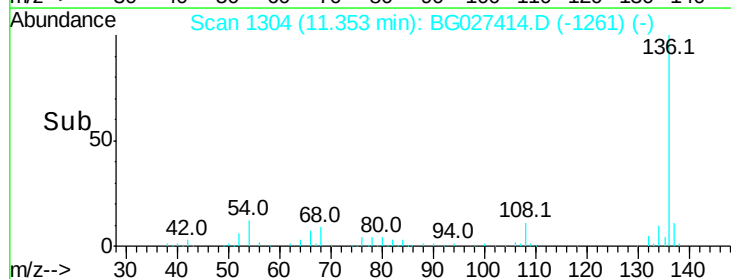
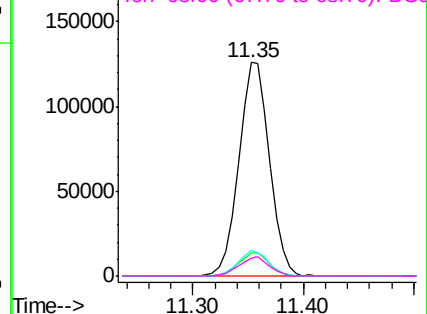
137 11.1 8.9 13.3

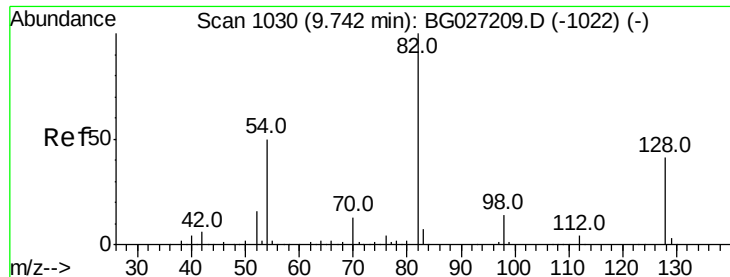
54 11.9 9.3 13.9

68 8.6 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

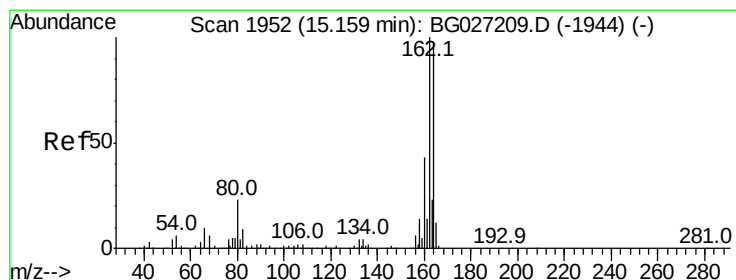
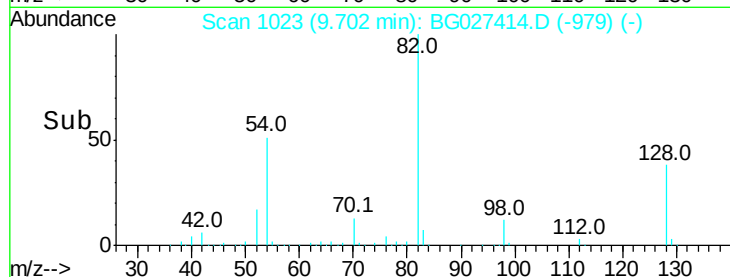
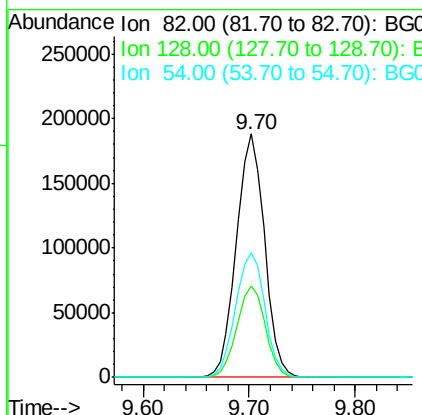
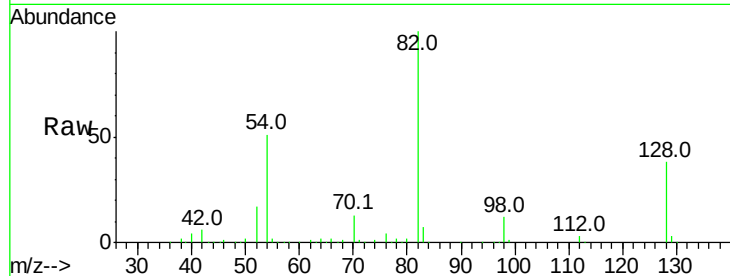




#23
Nitrobenzene-d5
Concen: 89.26 ng
RT: 9.70 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG027414.D
Acq: 14 Jun 2017 10:13

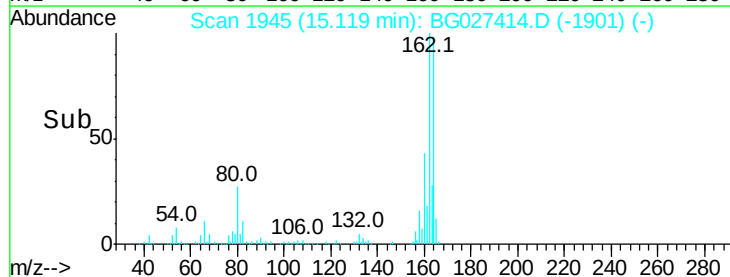
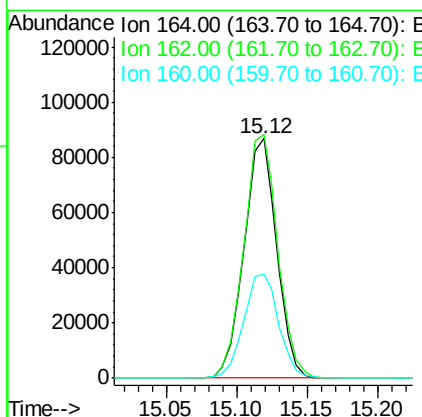
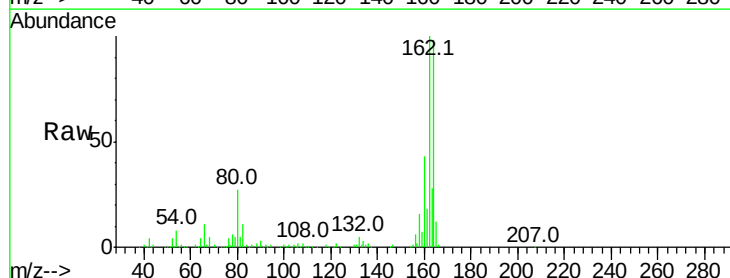
Instrument :
BNA_G
ClientSampled :

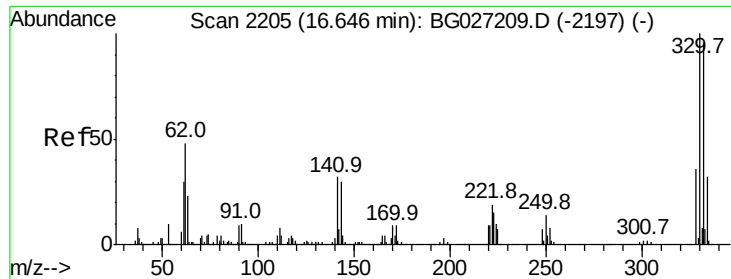
Tot Ion	82	Resp	346699
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	51.4	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027414.D
Acq: 14 Jun 2017 10:13

Tgt Ion	164	Resp	140748
Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	43.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 117.64 ng

RT: 16.60 min Scan# 2197

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA_G

ClientSampled :

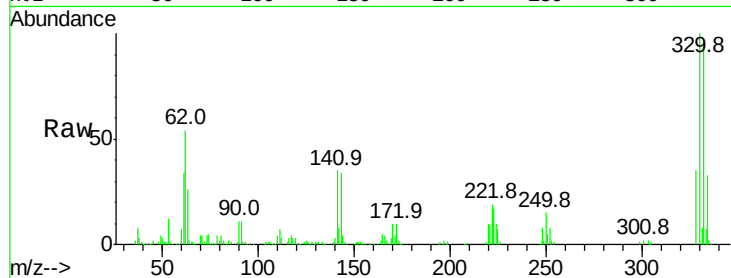
Tot Ion:330 Resp: 218032

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

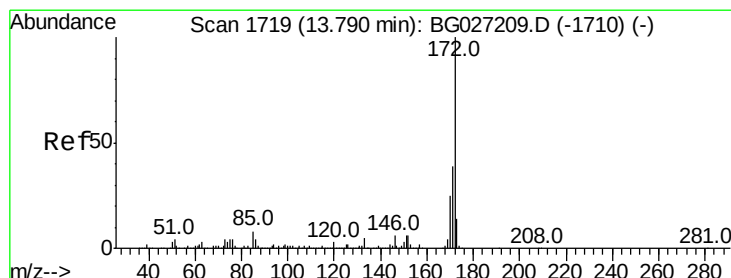
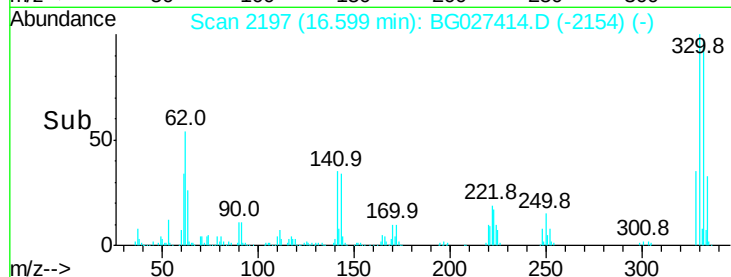
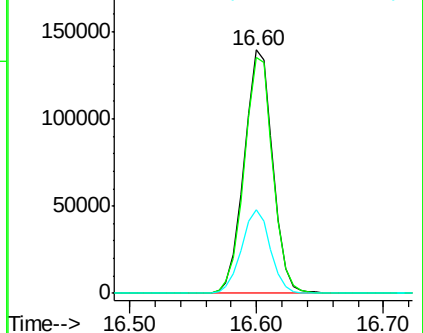
141 34.7 32.1 48.1



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: 76.67 ng

RT: 13.74 min Scan# 1711

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

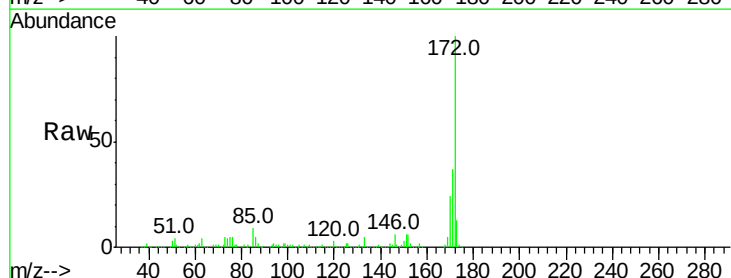
Tgt Ion:172 Resp: 771382

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

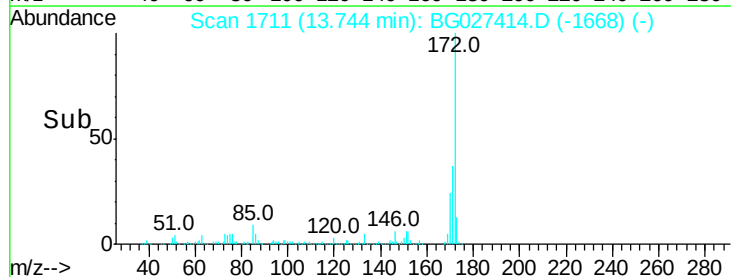
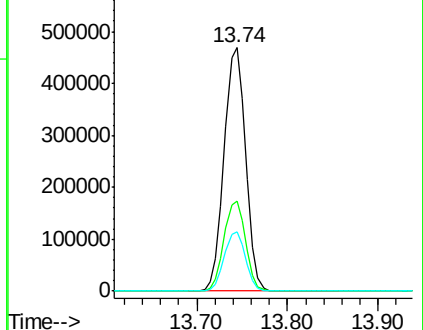
170 24.4 21.8 32.6

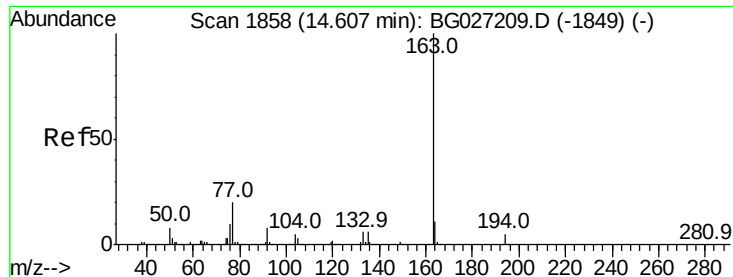


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.84 ng

RT: 14.55 min Scan# 1848

Delta R.T. -0.06 min

Lab File: BG027414.D

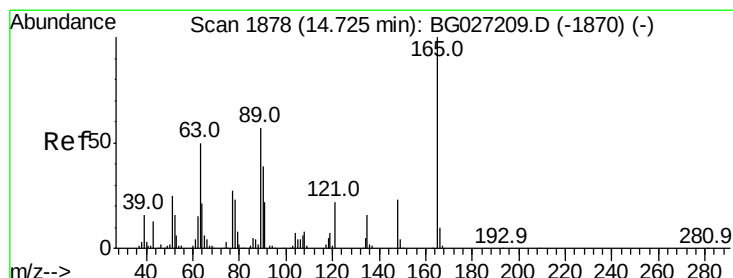
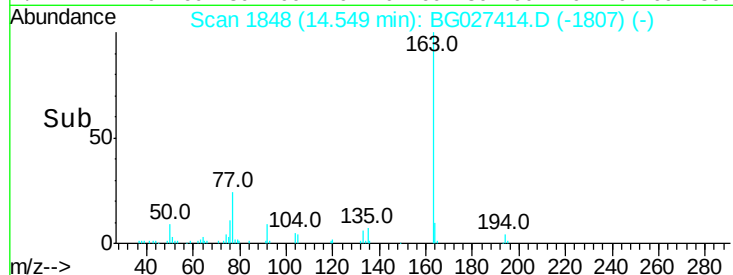
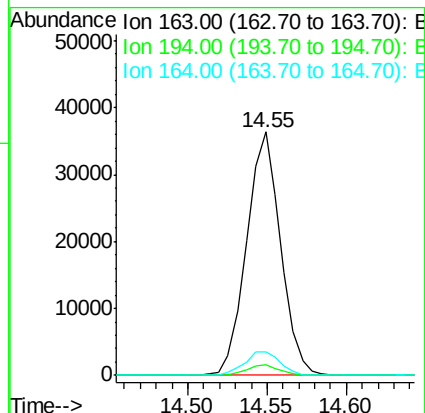
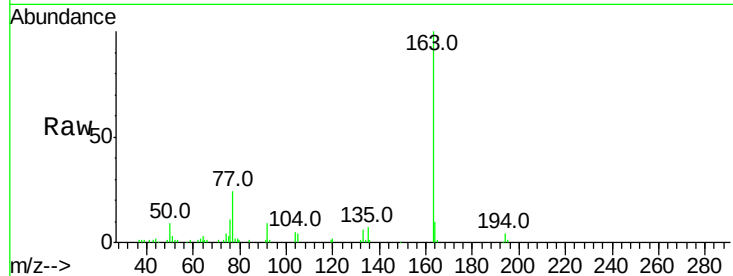
Acq: 14 Jun 2017 10:13

Instrument :

BNA_G

ClientSampled :

Tot Ion:	163	Resp:	54034
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	9.9	9.3	13.9



#50

2,6-Dinitrotoluene

Concen: 5.82 ng

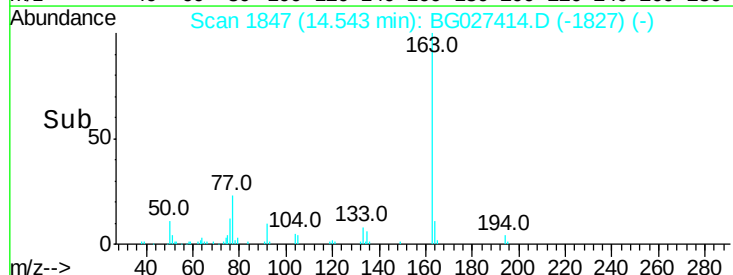
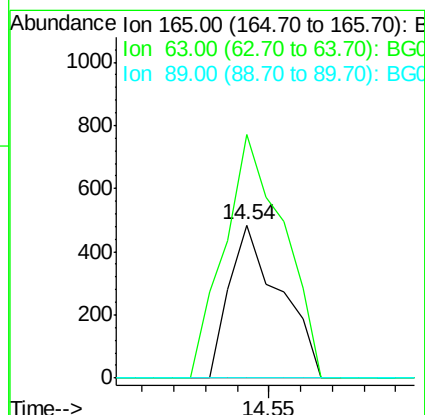
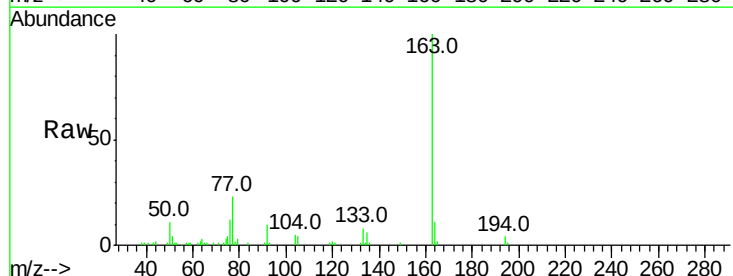
RT: 14.54 min Scan# 1847

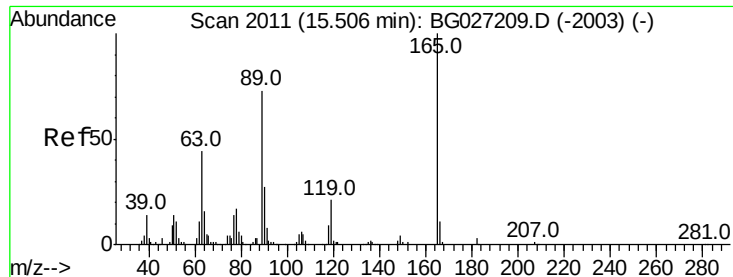
Delta R.T. -0.18 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Tgt Ion:	165	Resp:	537
Ion	Ratio	Lower	Upper
165	100		
63	159.0	63.9	95.9#
89	0.0	58.6	88.0#

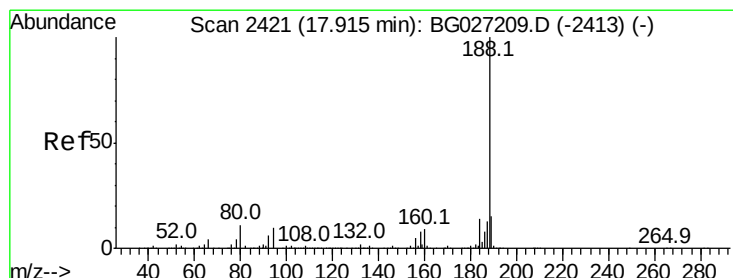
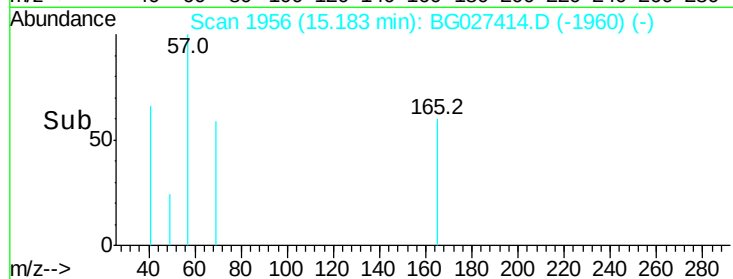
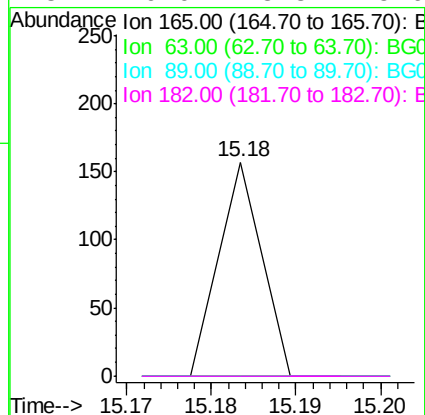
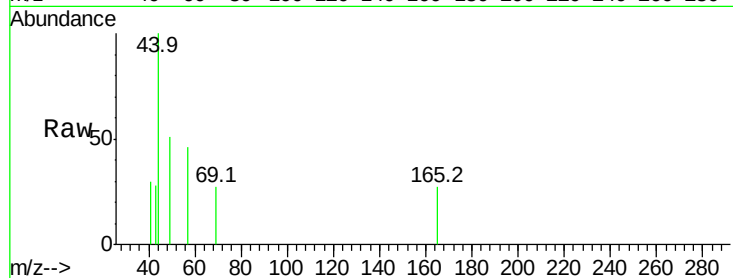




#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 15.18 min Scan# 1956
 Delta R.T. -0.32 min
 Lab File: BG027414.D
 Acq: 14 Jun 2017 10:13

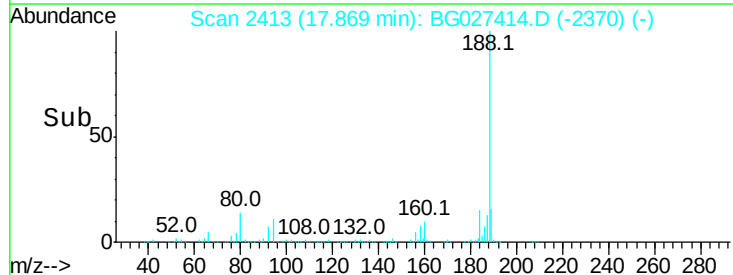
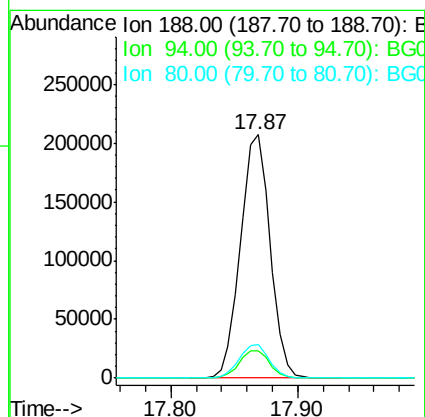
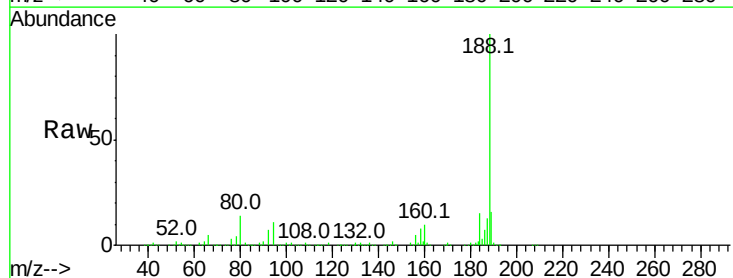
Instrument :
 BNA_G
 ClientSampleId :

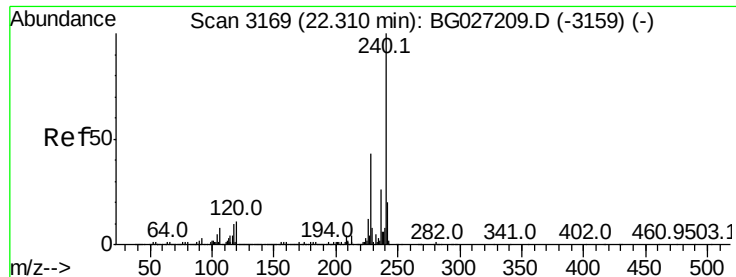
Tot Ion:165	Resp:	55
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.0 66.0#
89	0.0	67.3 100.9#
182	0.0	3.8 5.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.87 min Scan# 2413
 Delta R.T. -0.05 min
 Lab File: BG027414.D
 Acq: 14 Jun 2017 10:13

Tgt Ion:188	Resp:	335961
Ion Ratio	Lower	Upper
188	100	
94	11.0	5.8 8.8#
80	13.8	7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3158

Delta R.T. -0.06 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA_G

ClientSampled :

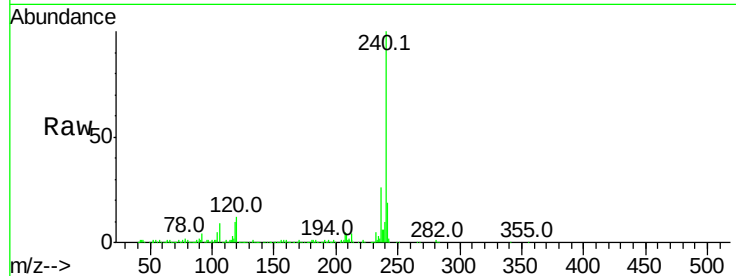
Tot Ion:240 Resp: 395040

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

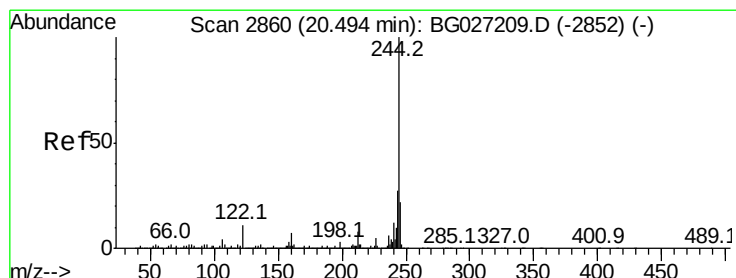
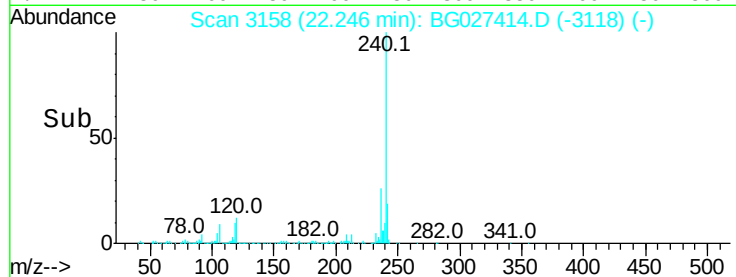
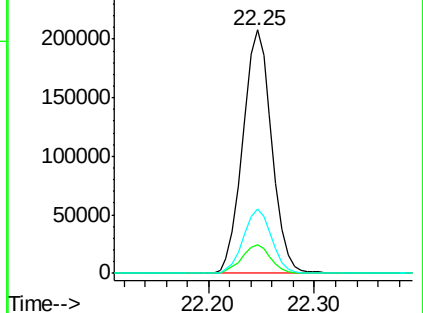
236 26.5 22.2 33.4



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: 80.75 ng

RT: 20.44 min Scan# 2851

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

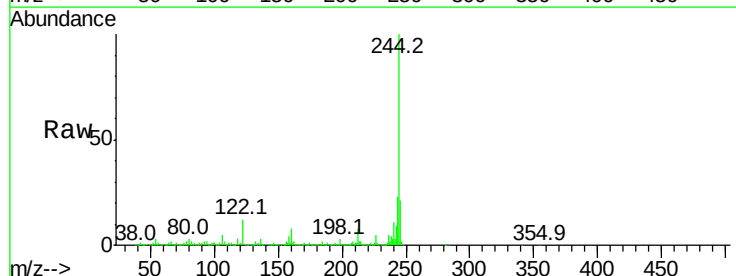
Tgt Ion:244 Resp: 1250525

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

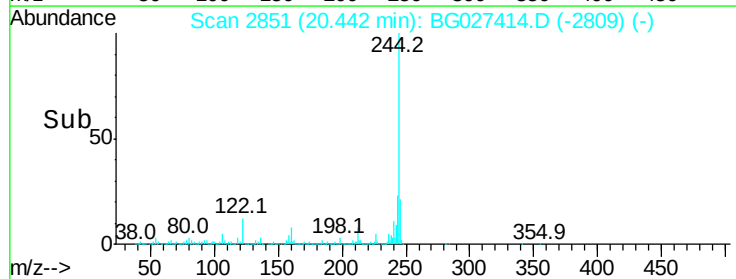
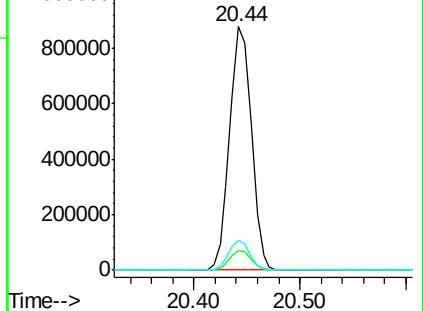
122 12.1 8.6 12.8

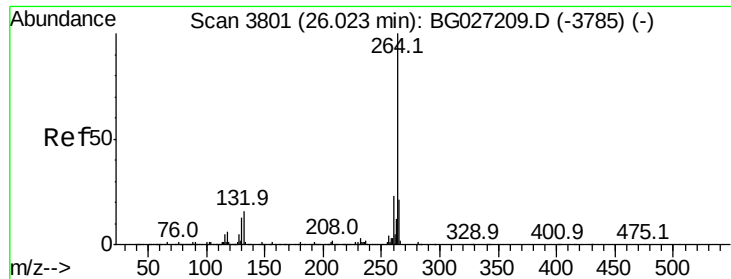


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.91 min Scan# 3782
Delta R.T. -0.11 min
Lab File: BG027414.D
Acq: 14 Jun 2017 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.6	18.2	27.4

