

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027411.D
 Acq On : 14 Jun 2017 8:15
 Operator : SJ/MA
 Sample : I3634-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 11:34:37 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

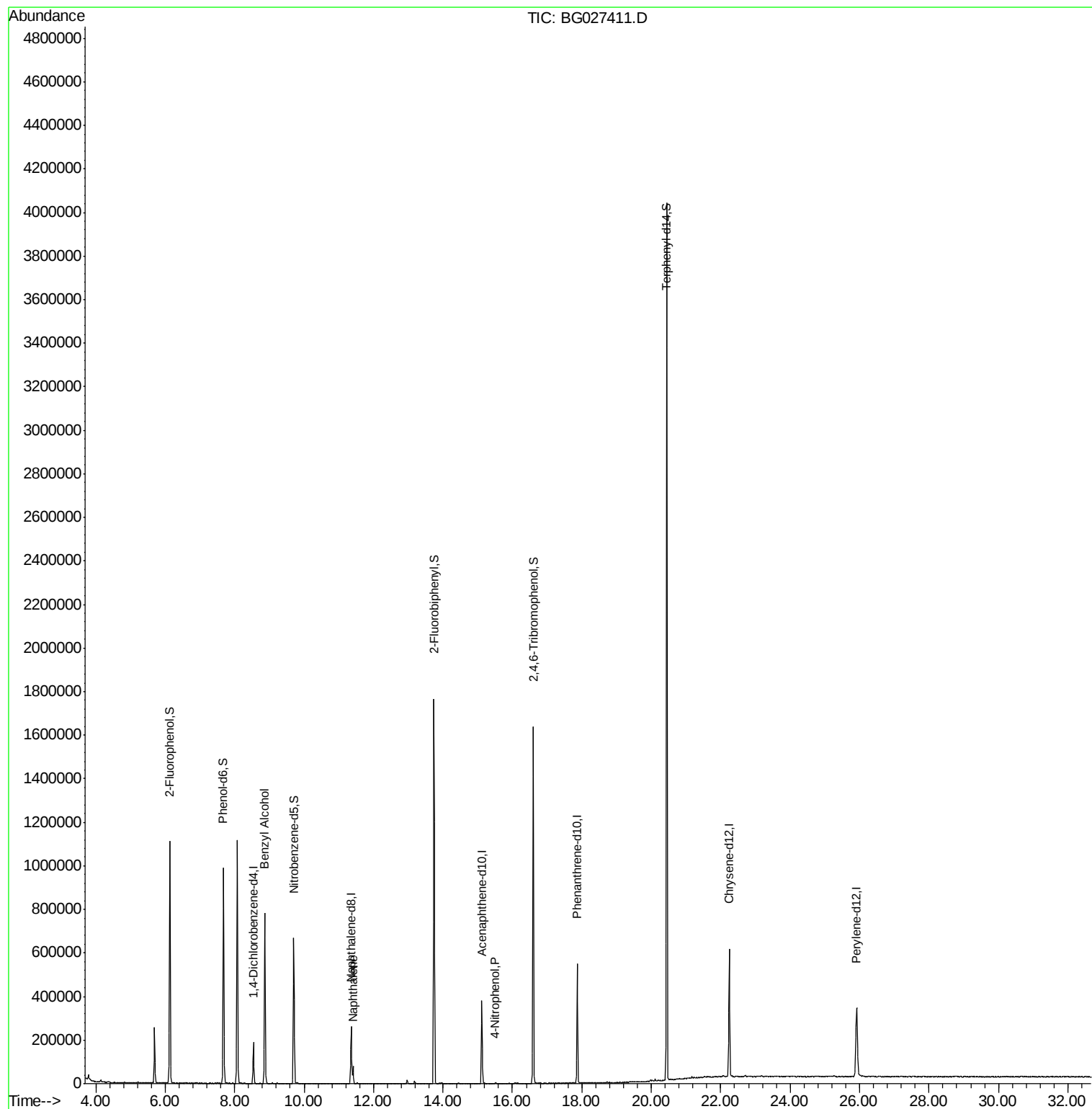
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	51694	20.00	ng	-0.04
21) Naphthalene-d8	11.35	136	224717	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	129335	20.00	ng	-0.04
63) Phenanthrene-d10	17.86	188	342444	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	411075	20.00	ng	-0.06
86) Perylene-d12	25.92	264	381779	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	501167	147.94	ng	-0.03
7) Phenol-d6	7.68	99	633334	127.36	ng	-0.03
23) Nitrobenzene-d5	9.70	82	429563	120.22	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	319376	187.52	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	909654	98.39	ng	-0.05
78) Terphenyl-d14	20.44	244	1749066	108.54	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	8.87	79	7291	2.08	ng	# 39
31) Naphthalene	11.41	128	69721	5.68	ng	97
55) 4-Nitrophenol	15.51	139	421	6.33	ng	# 1

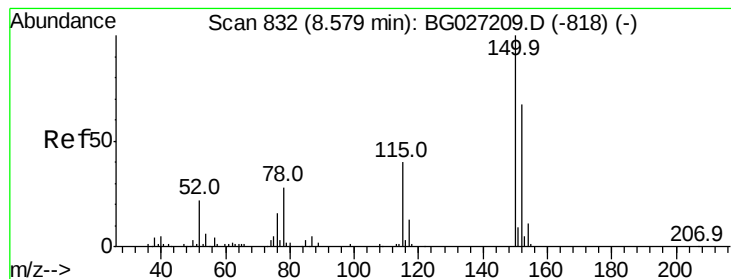
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

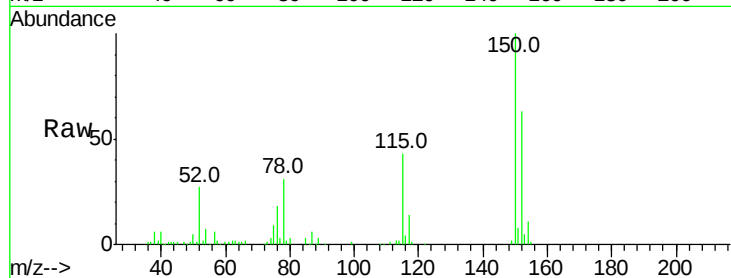
Tot Ion:152 Resp: 51694

Ion Ratio Lower Upper

152 100

150 160.0 114.0 171.0

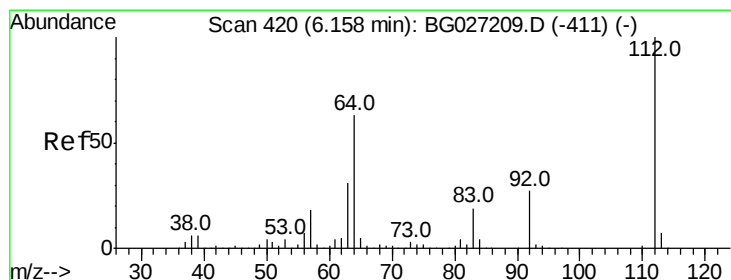
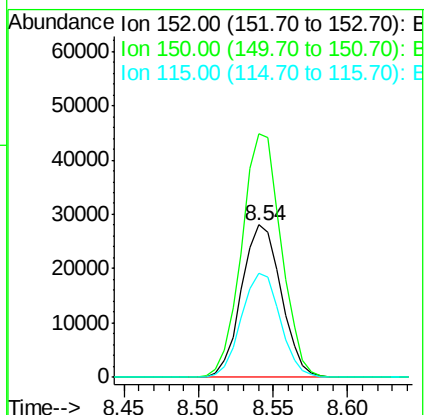
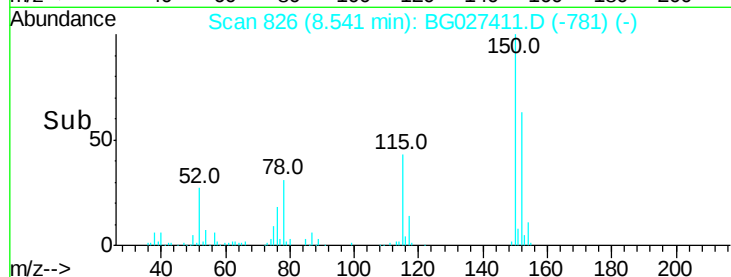
115 68.3 48.1 72.1



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: 147.94 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

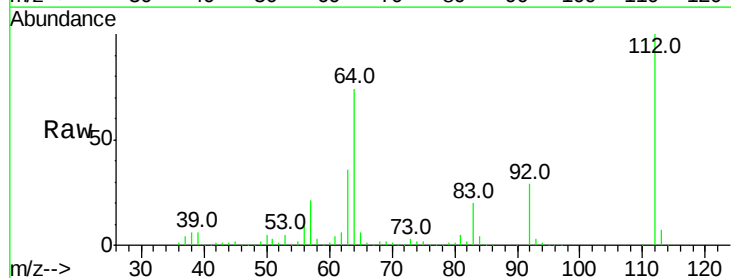
Tgt Ion:112 Resp: 501167

Ion Ratio Lower Upper

112 100

64 74.3 61.8 92.6

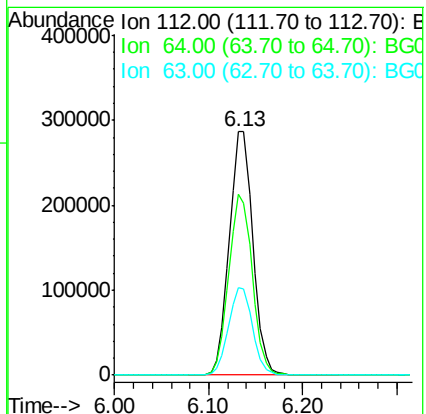
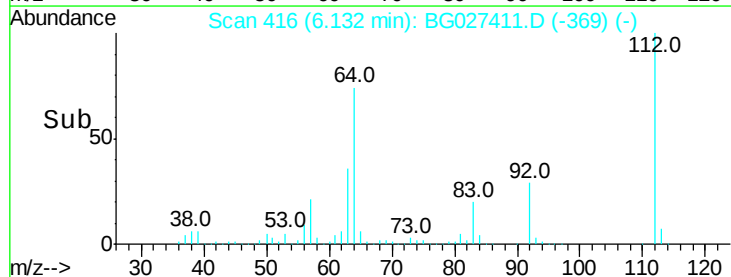
63 35.9 37.2 55.8#

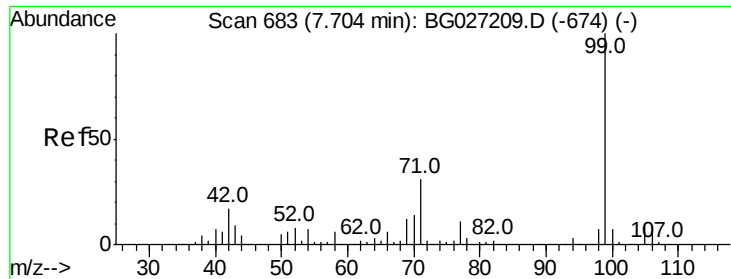


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.36 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

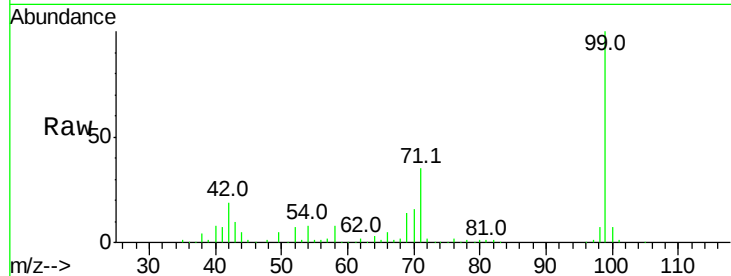
Tot Ion: 99 Resp: 633334

Ion Ratio Lower Upper

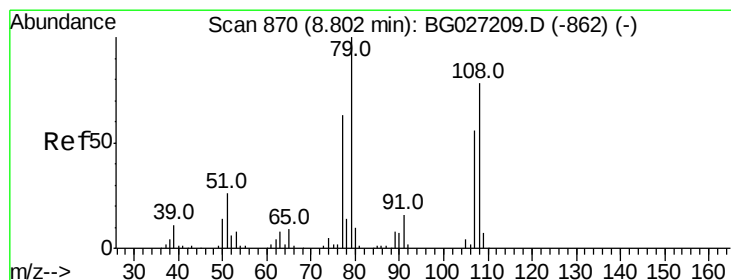
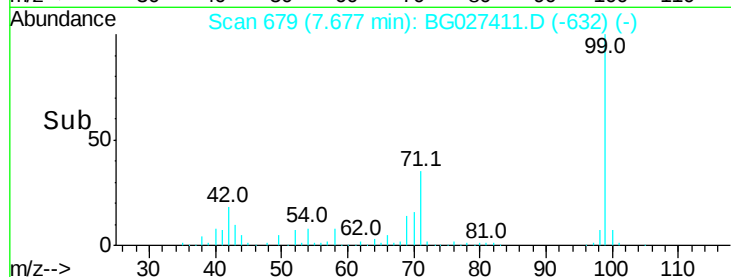
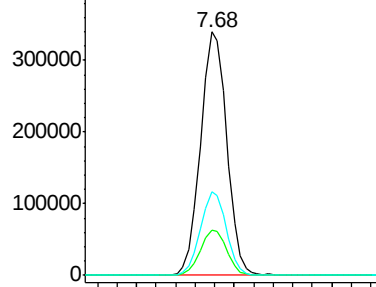
99 100

42 18.5 20.5 30.7#

71 34.6 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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.87 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

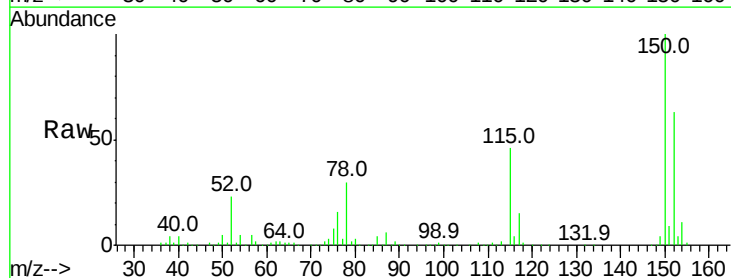
Tgt Ion: 79 Resp: 7291

Ion Ratio Lower Upper

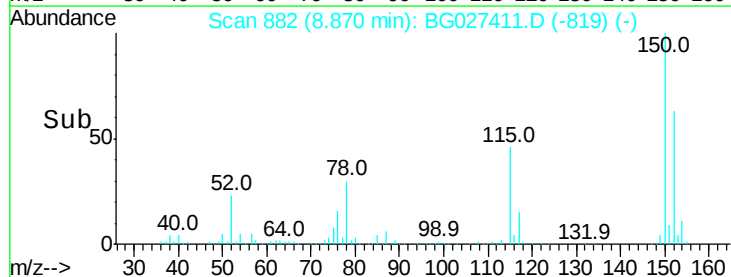
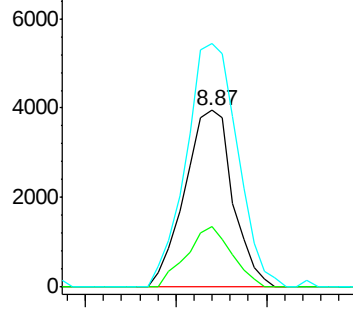
79 100

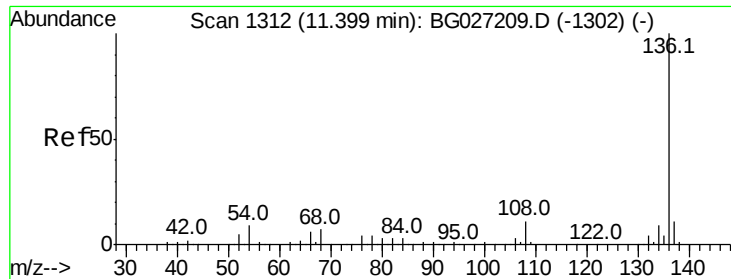
108 34.6 45.5 68.3#

77 137.8 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

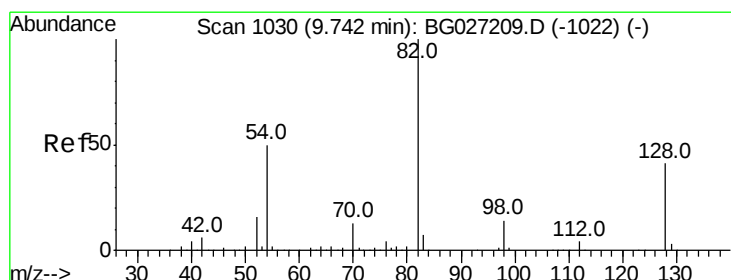
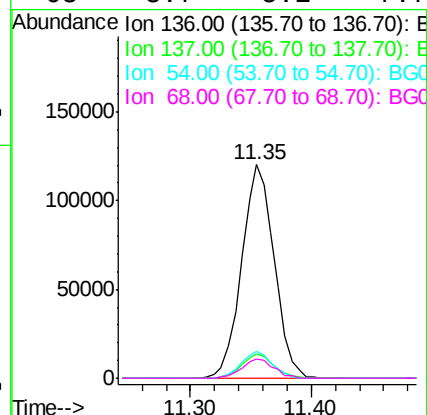
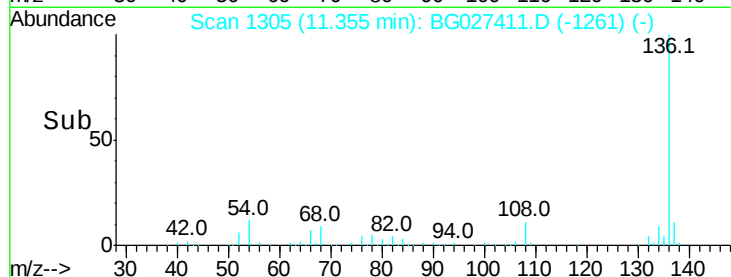
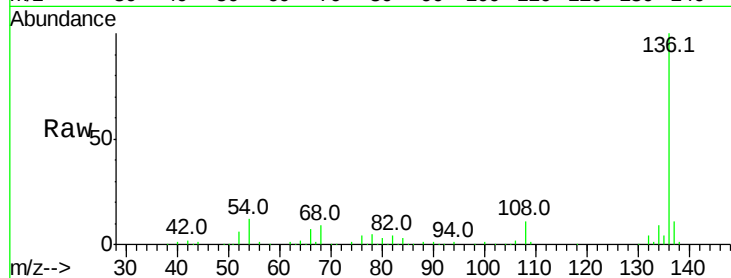




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.35 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

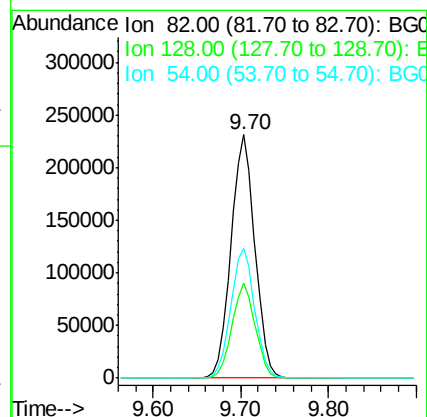
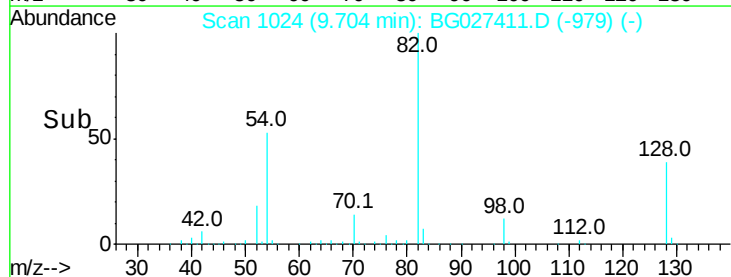
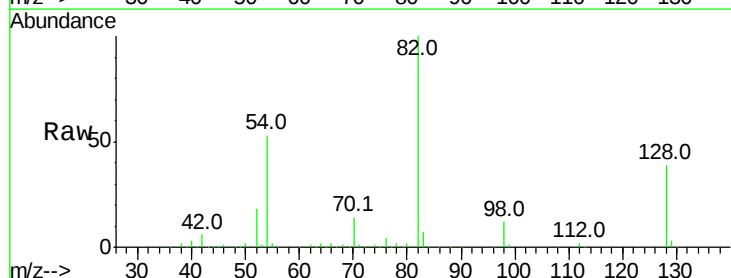
Instrument :
BNA_G
ClientSampleId :

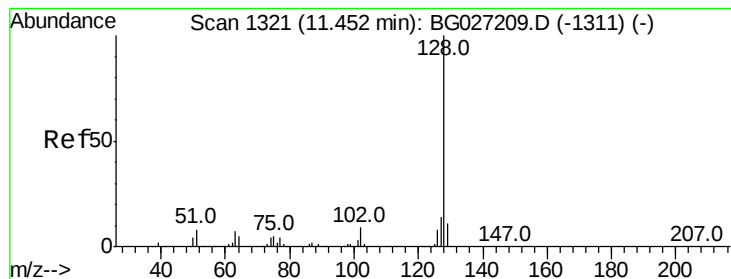
Tot Ion:	136	Resp:	224717
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.3	9.3	13.9
68	8.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 120.22 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Tgt Ion:	82	Resp:	429563
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	53.3	49.4	74.2

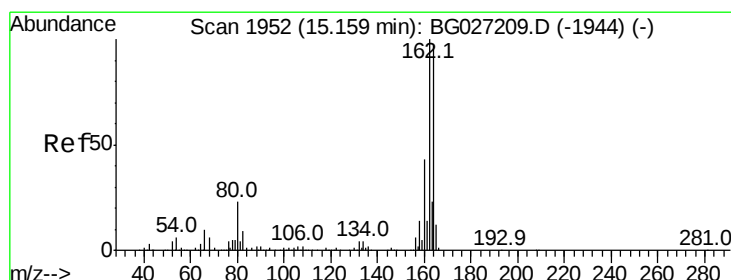
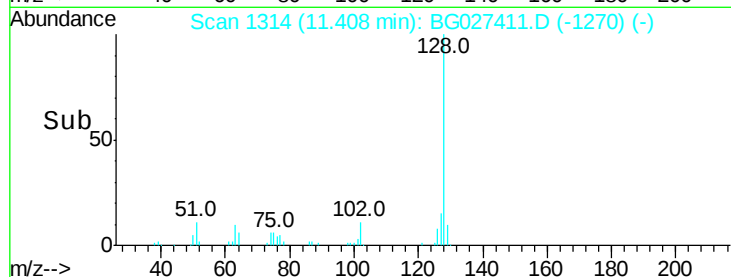
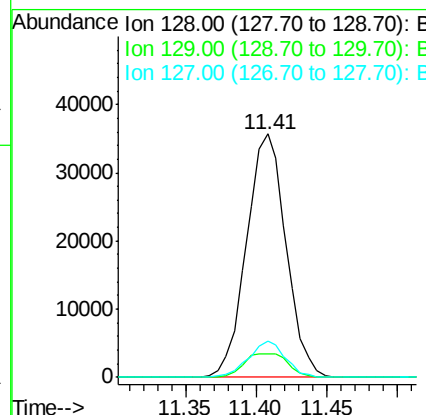
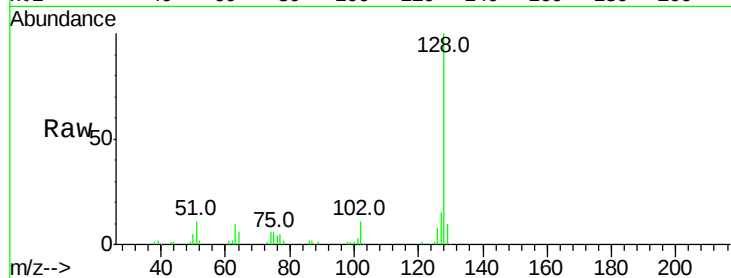




#31
Naphthalene
Concen: 5.68 ng
RT: 11.41 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

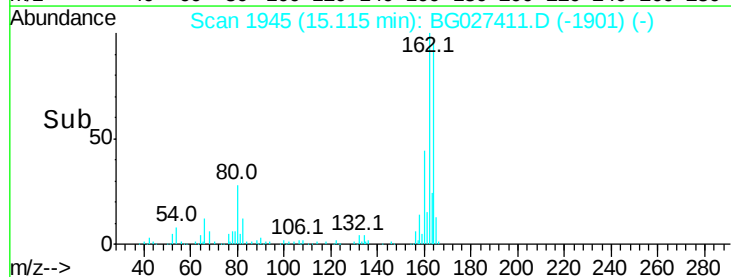
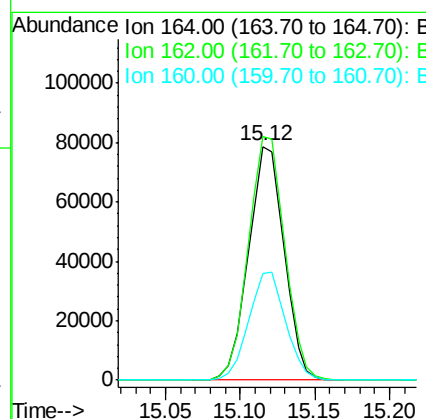
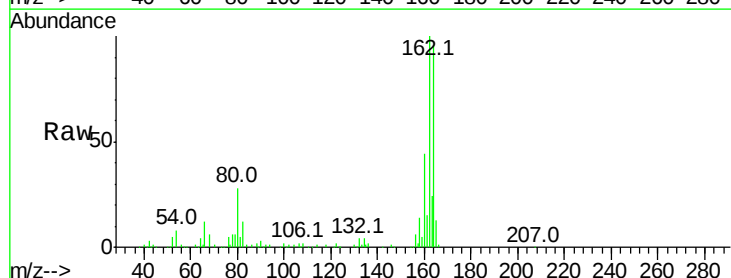
Instrument :
BNA_G
ClientSampleId :

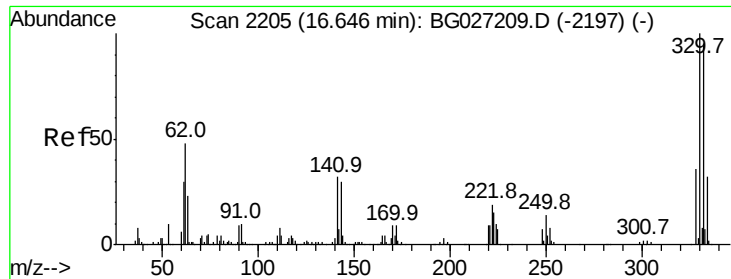
Tot Ion:128 Resp: 69721
Ion Ratio Lower Upper
128 100
129 9.9 9.3 13.9
127 14.7 11.4 17.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Tgt Ion:164 Resp: 129335
Ion Ratio Lower Upper
164 100
162 104.2 85.1 127.7
160 45.5 34.7 52.1

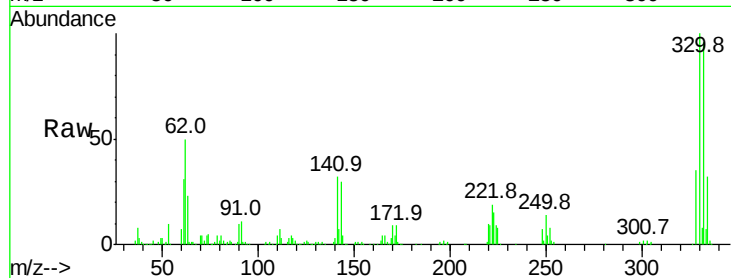




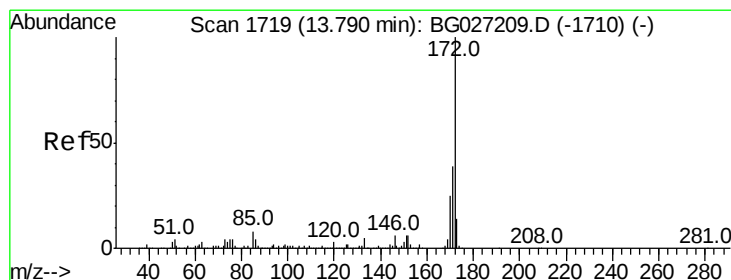
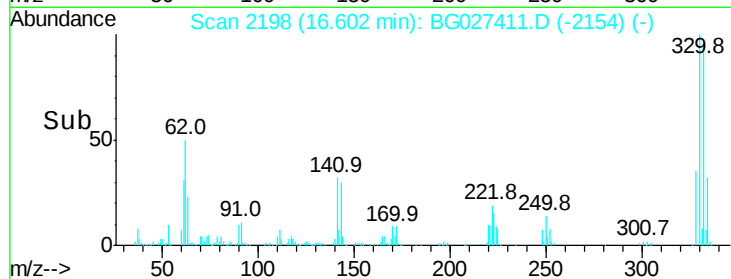
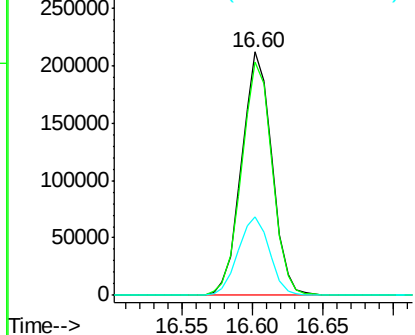
#41
 2,4,6-Tribromophenol
 Concen: 187.52 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027411.D
 Acq: 14 Jun 2017 8:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 319376
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 33.5 32.1 48.1

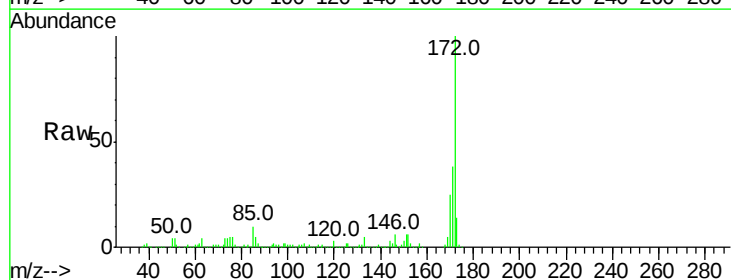


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

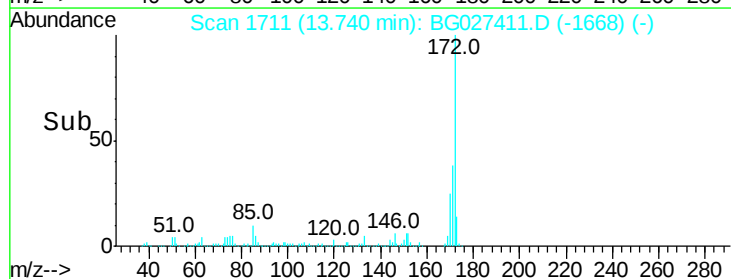
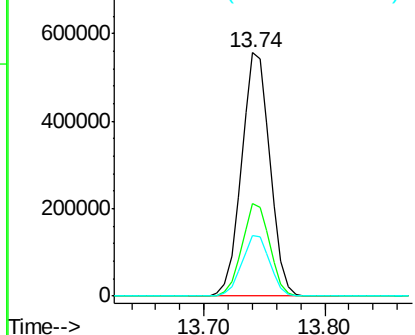


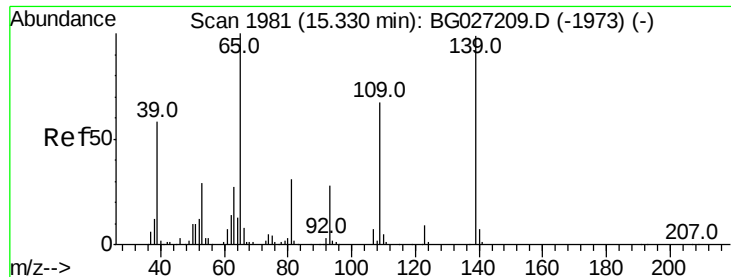
#44
 2-Fluorobiphenyl
 Concen: 98.39 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027411.D
 Acq: 14 Jun 2017 8:15

Tgt Ion:172 Resp: 909654
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.2 48.2
 170 24.9 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

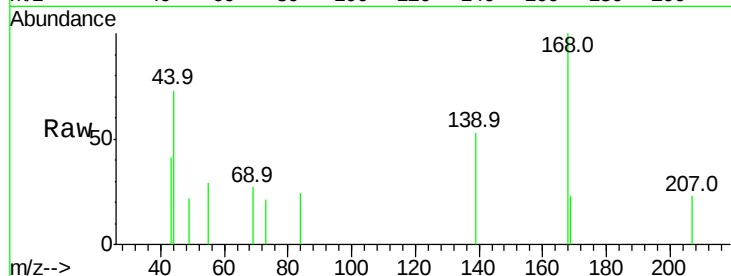




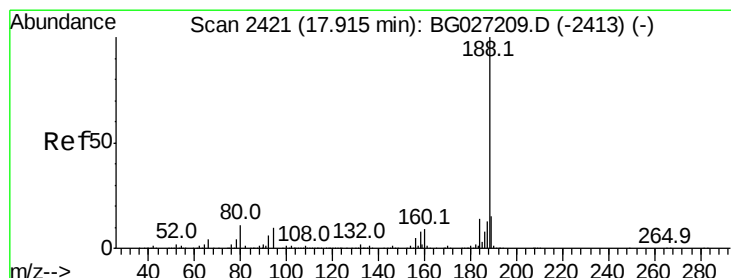
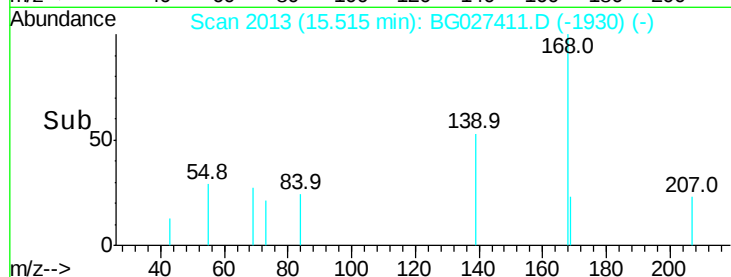
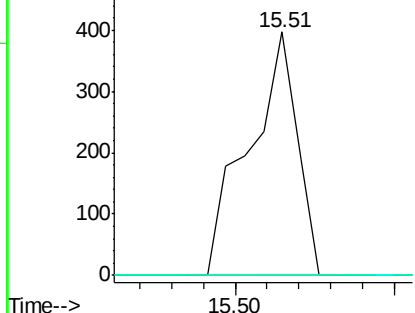
#55
4-Nitrophenol
Concen: 6.33 ng
RT: 15.51 min Scan# 2013
Delta R.T. 0.19 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 421
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

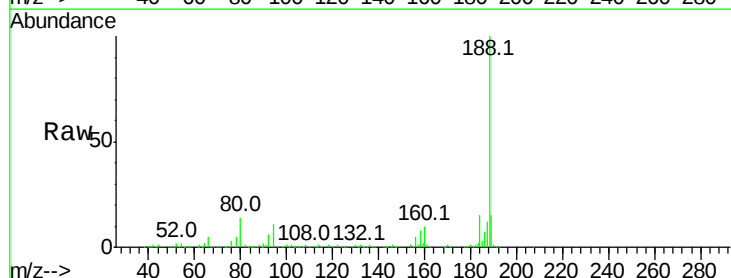


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

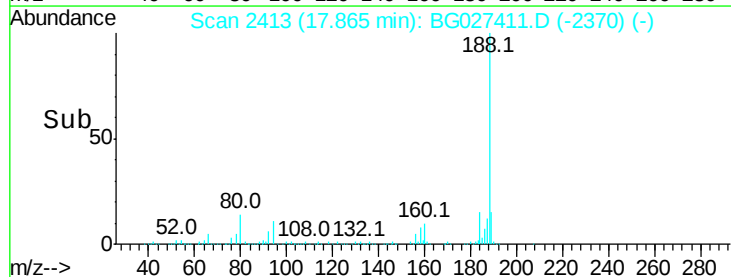
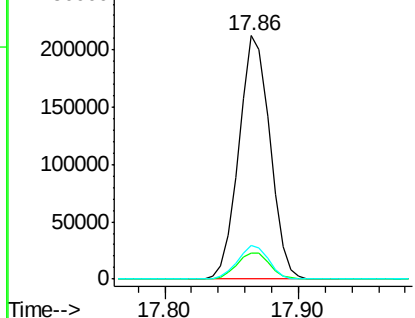


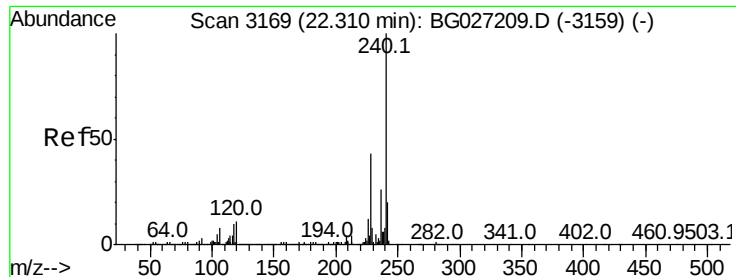
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Tgt Ion:188 Resp: 342444
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 13.6 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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampled :

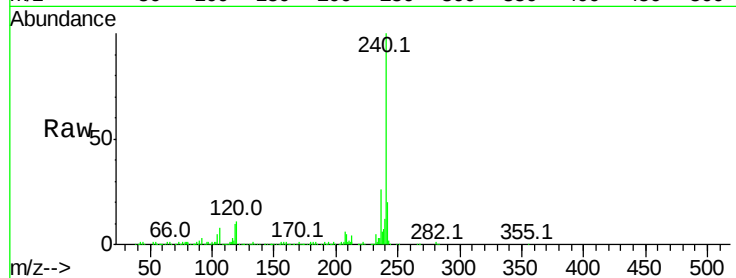
Tot Ion:240 Resp: 411075

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

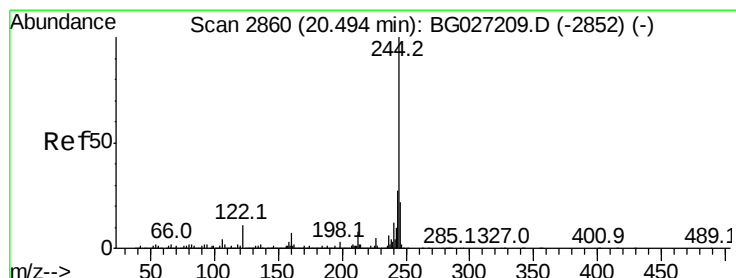
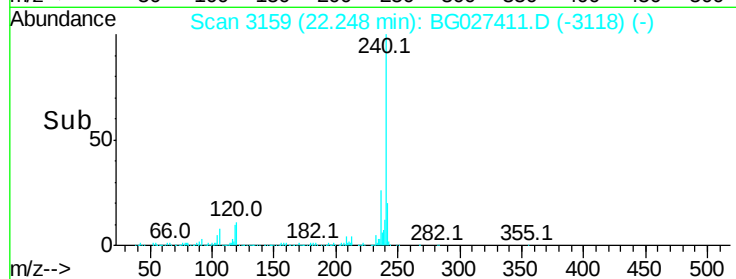
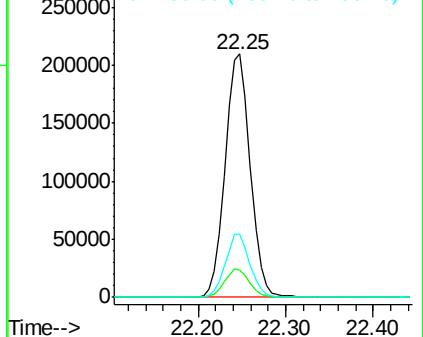
236 26.1 22.2 33.4



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: 108.54 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

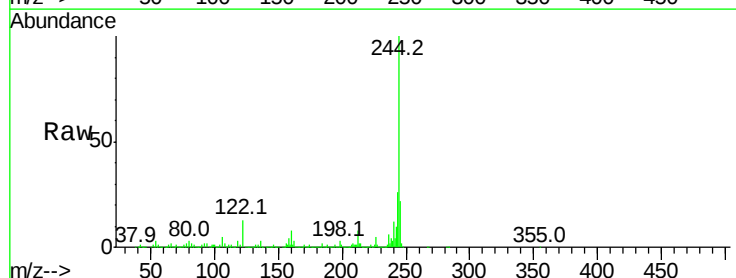
Tgt Ion:244 Resp: 1749066

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

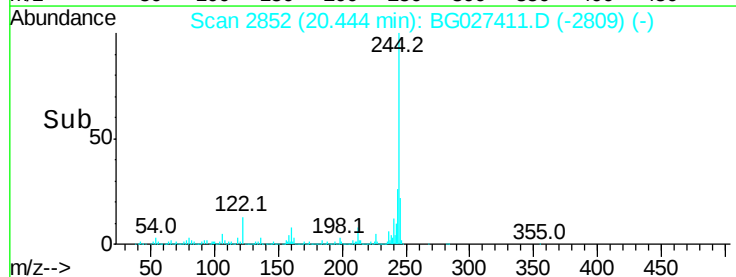
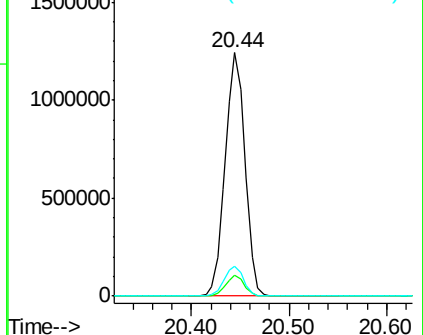
122 12.5 8.6 12.8

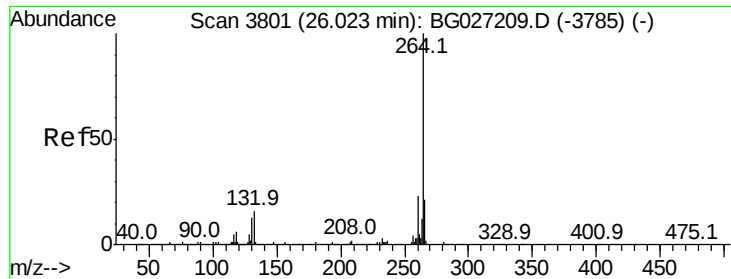


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

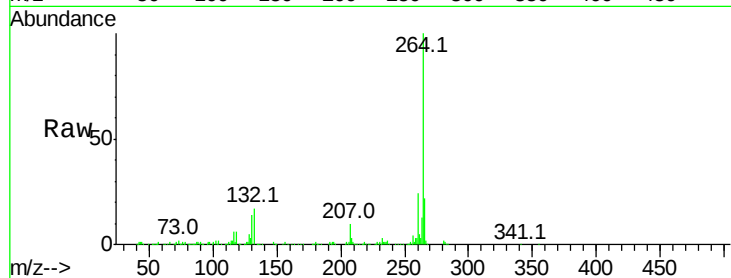




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.4	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

