

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
 Data File : BG027357.D
 Acq On : 9 Jun 2017 21:26
 Operator : SJ/MA
 Sample : I3541-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 03:58:31 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

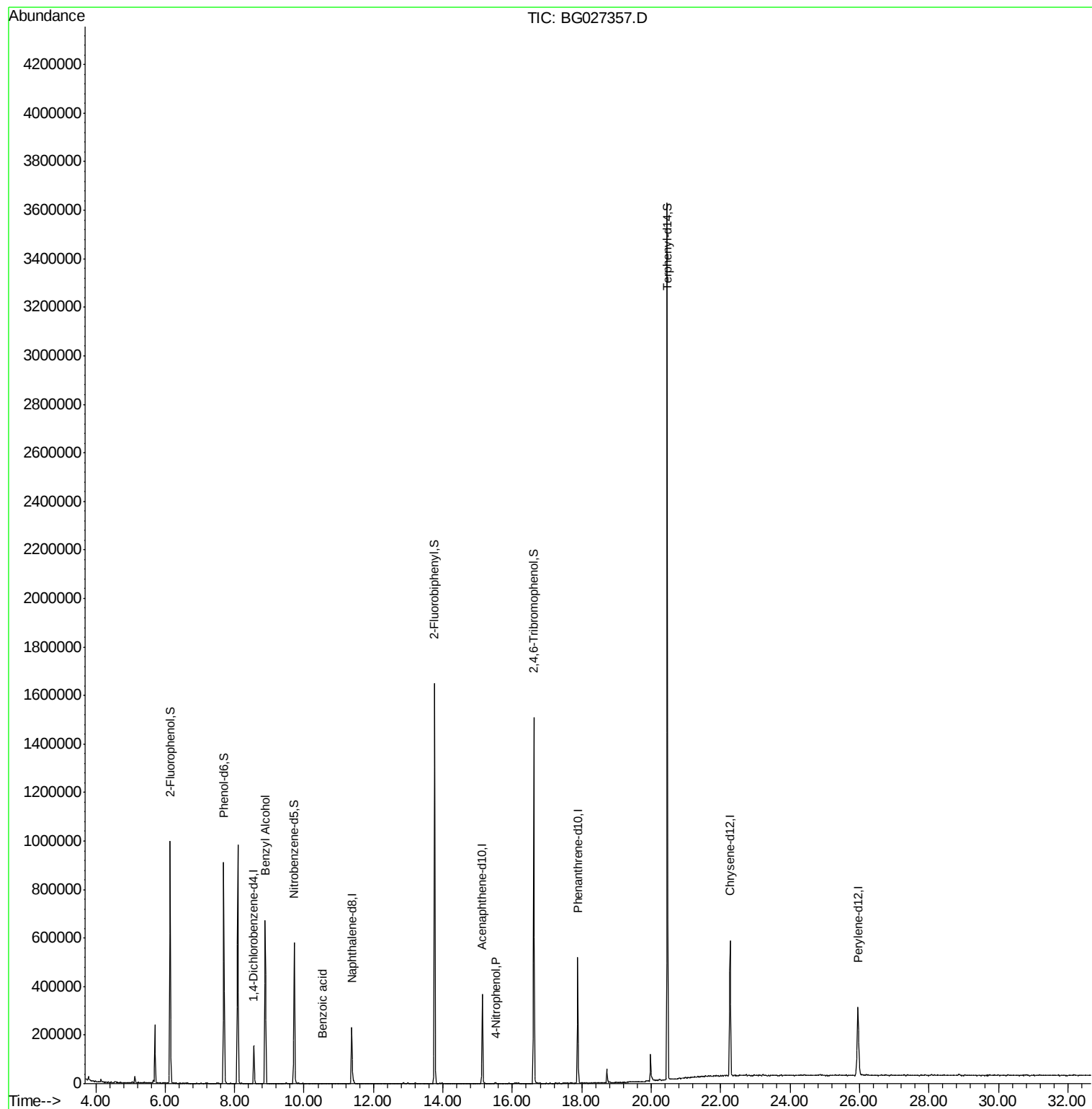
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	44155	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	202469	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	124940	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	321511	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	382151	20.00	ng	-0.04
86) Perylene-d12	25.95	264	350748	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	447727	154.73	ng	-0.01
7) Phenol-d6	7.69	99	587406	138.30	ng	-0.01
23) Nitrobenzene-d5	9.72	82	393125	122.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	299224	181.87	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	879379	98.47	ng	-0.03
78) Terphenyl-d14	20.46	244	1614460	107.77	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	6652	2.22	ng	# 47
32) Benzoic acid	10.54	122	67	8.05	ng	# 36
55) 4-Nitrophenol	15.52	139	460	6.35	ng	# 1

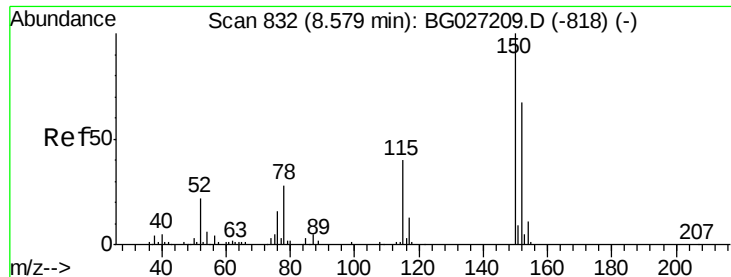
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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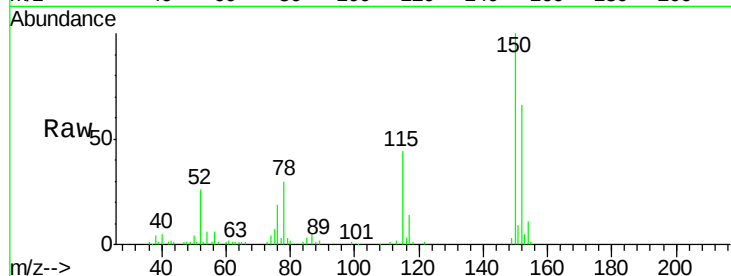


#1

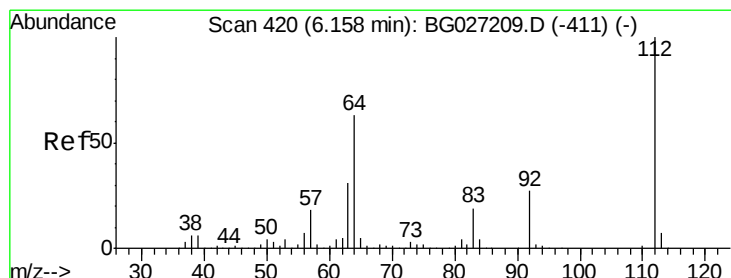
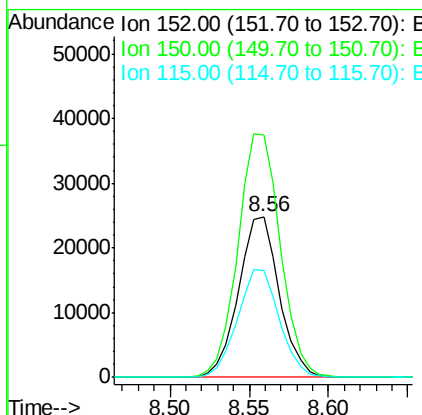
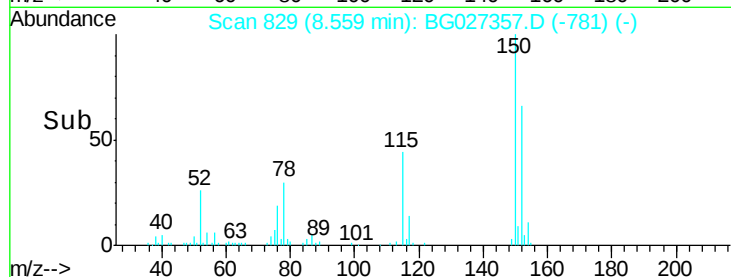
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44155
Ion Ratio Lower Upper
152 100
150 150.5 114.0 171.0
115 66.4 48.1 72.1



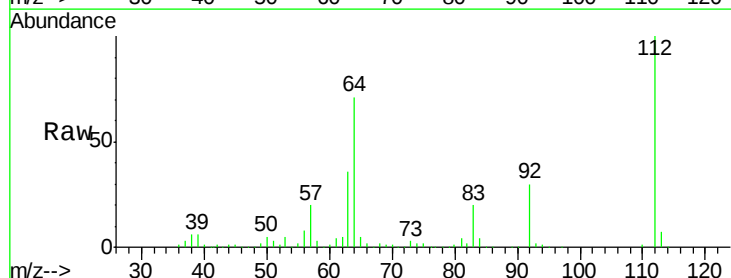
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



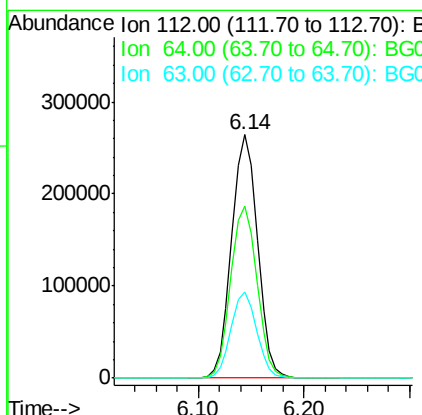
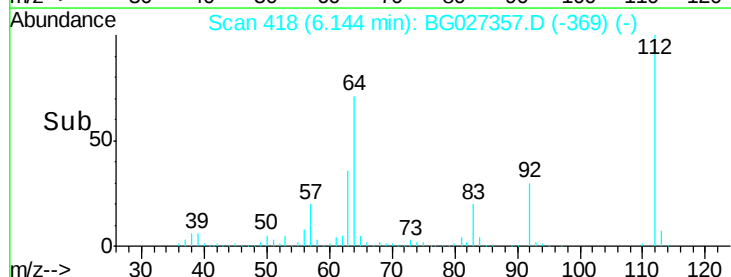
#5

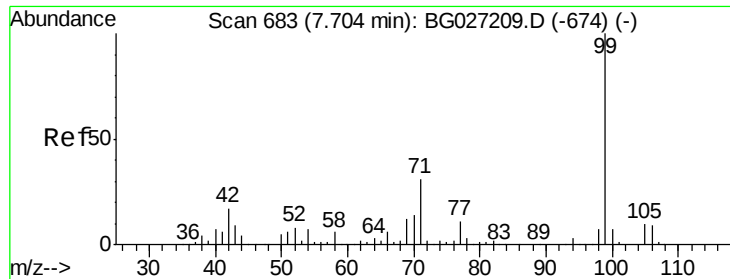
2-Fluorophenol
Concen: 154.73 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Tgt Ion:112 Resp: 447727
Ion Ratio Lower Upper
112 100
64 70.7 61.8 92.6
63 35.7 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: 138.30 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027357.D

Acq: 9 Jun 2017 21:26

Instrument :

BNA_G

ClientSampleId :

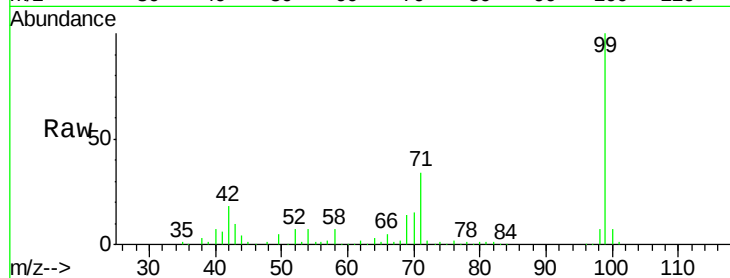
Tot Ion: 99 Resp: 587406

Ion Ratio Lower Upper

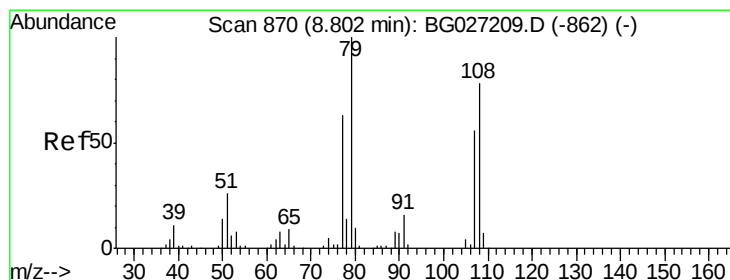
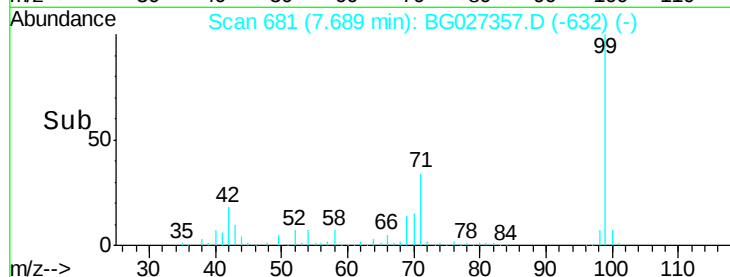
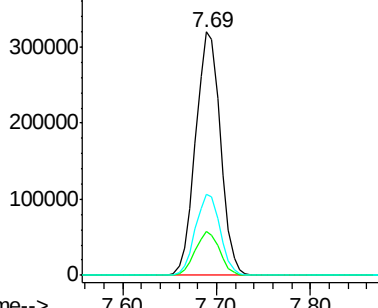
99 100

42 18.0 20.5 30.7#

71 33.5 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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 8.88 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG027357.D

Acq: 9 Jun 2017 21:26

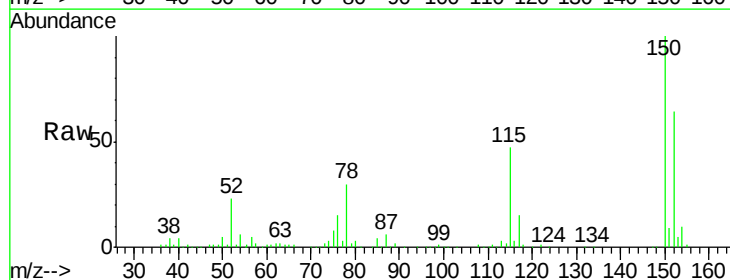
Tgt Ion: 79 Resp: 6652

Ion Ratio Lower Upper

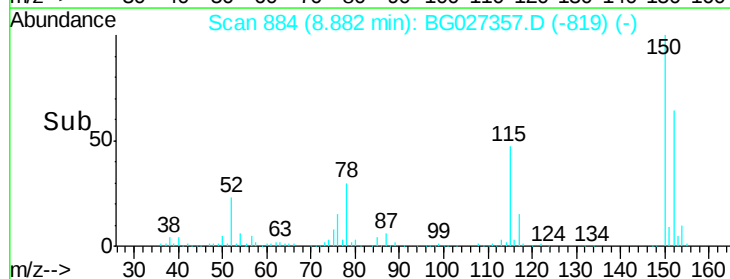
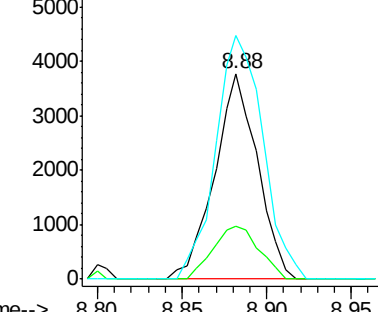
79 100

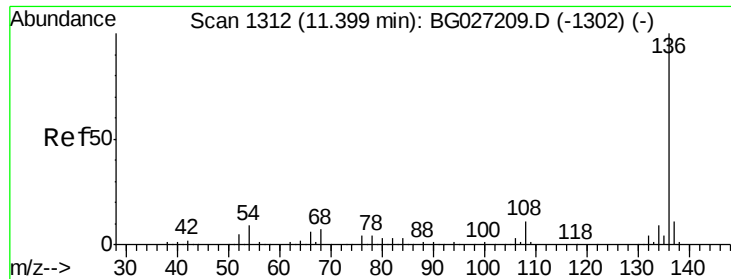
108 25.5 45.5 68.3#

77 118.3 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

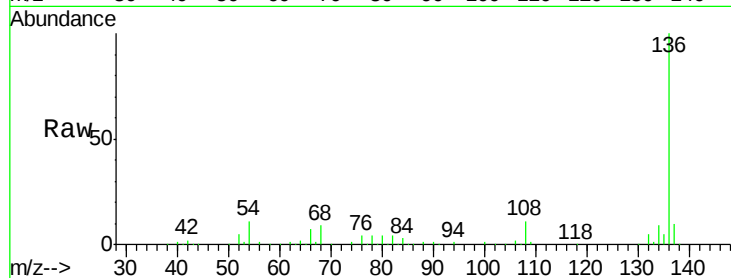




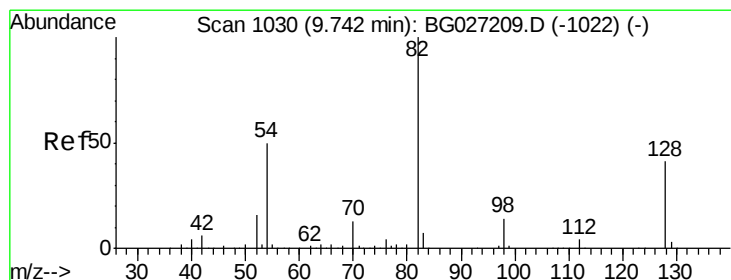
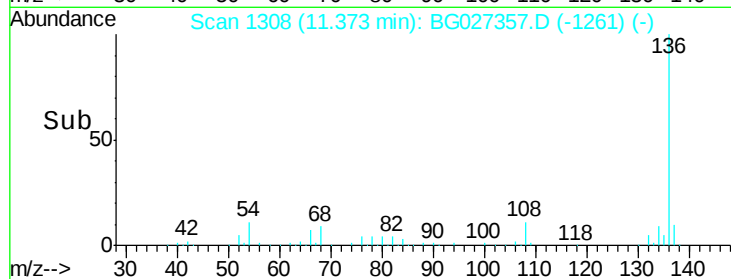
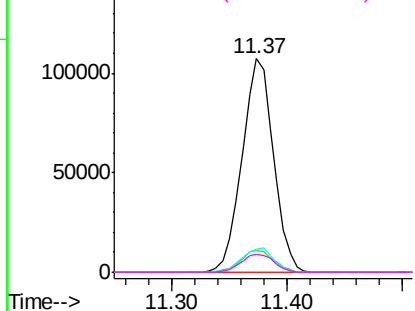
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	202469
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	10.9	9.3 13.9
68	8.7	5.1 7.7#

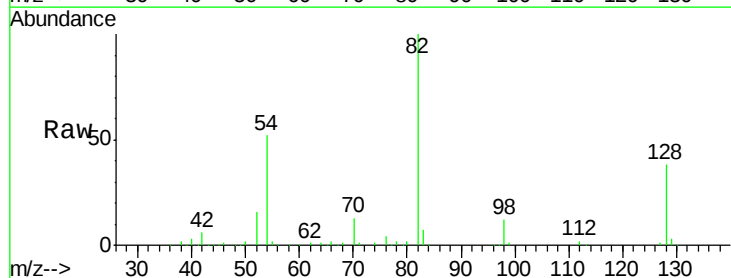


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

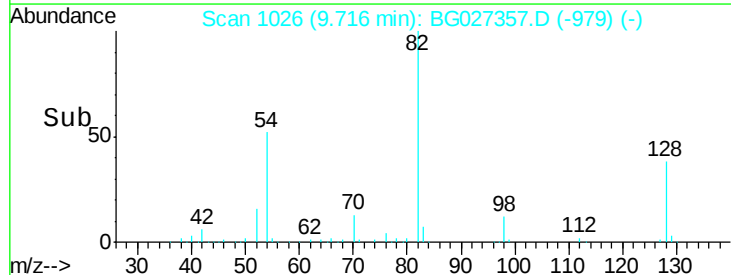
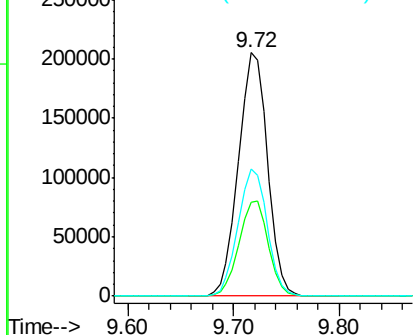


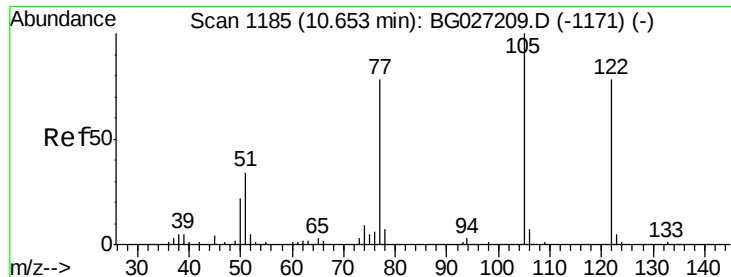
#23
Nitrobenzene-d5
Concen: 122.11 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Tgt Ion: 82	Resp:	393125
Ion	Ratio	Lower Upper
82	100	
128	38.5	26.4 39.6
54	52.3	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





#32

Benzoic acid

Concen: 8.05 ng

RT: 10.54 min Scan# 1166

Delta R.T. -0.11 min

Lab File: BG027357.D

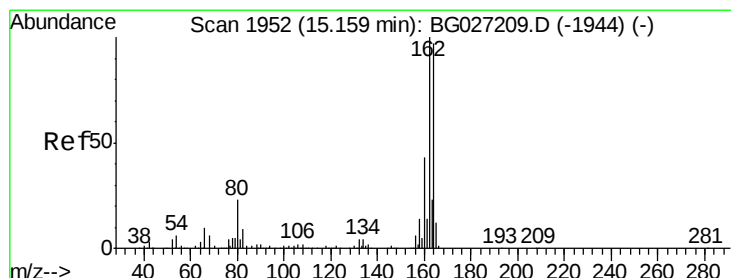
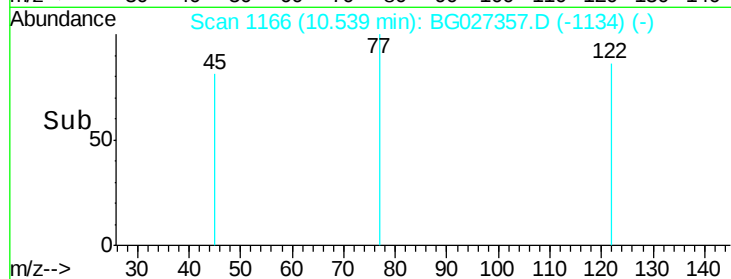
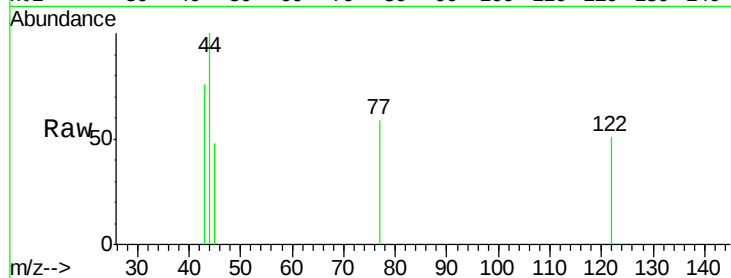
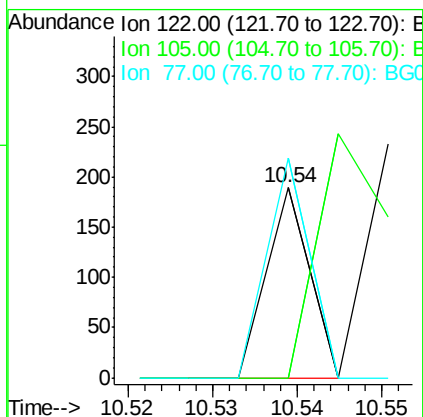
Acq: 9 Jun 2017 21:26

Instrument :

BNA_G

ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	115.9	104.6	144.6



#38

Acenaphthene-d10

Concen: 20.00 ng

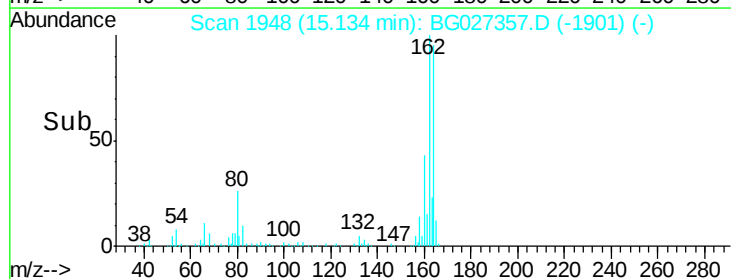
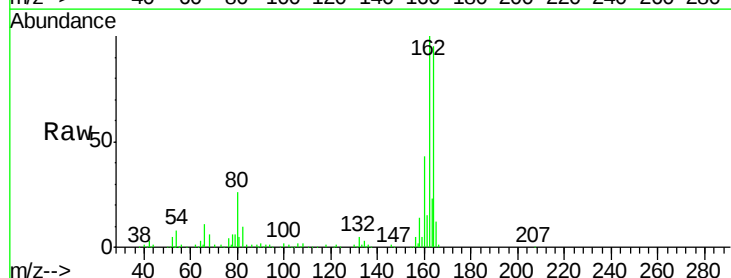
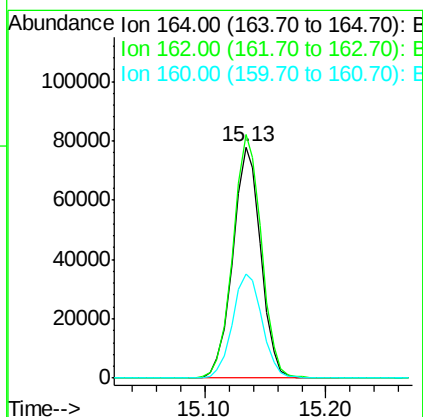
RT: 15.13 min Scan# 1948

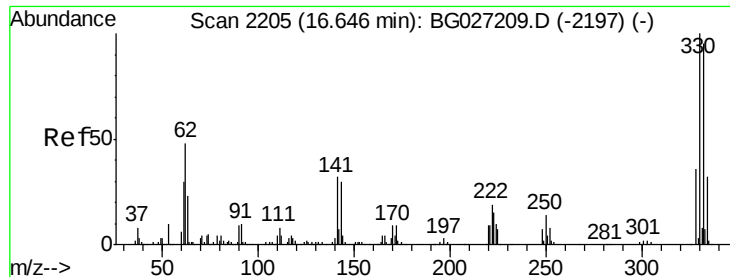
Delta R.T. -0.03 min

Lab File: BG027357.D

Acq: 9 Jun 2017 21:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	44.8	34.7	52.1

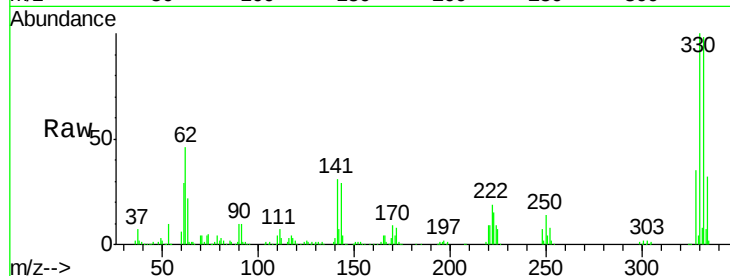




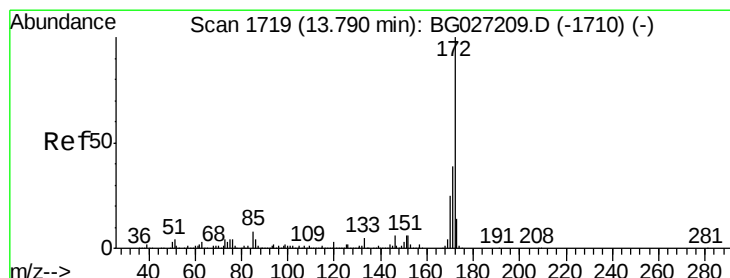
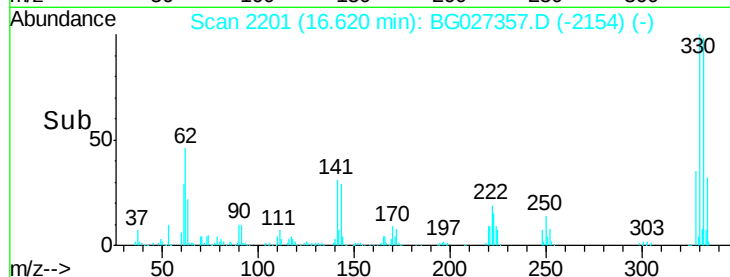
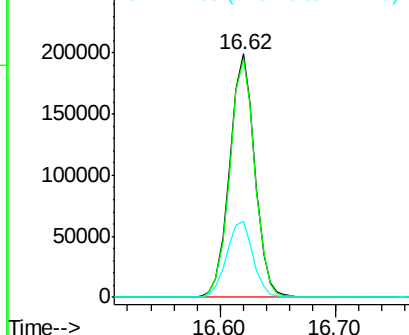
#41
 2,4,6-Tribromophenol
 Concen: 181.87 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027357.D
 Acq: 9 Jun 2017 21:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 299224
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 33.0 32.1 48.1

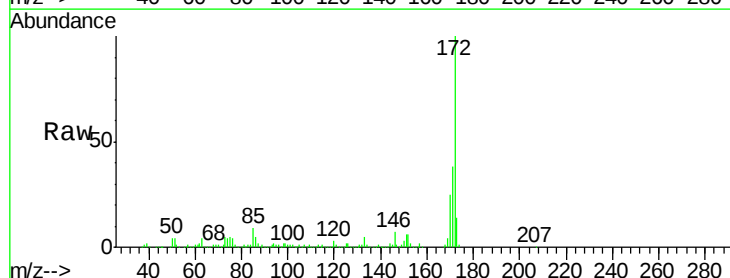


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

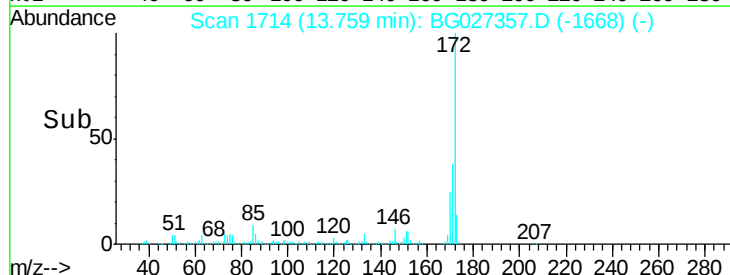
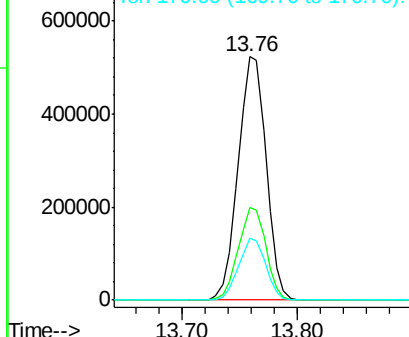


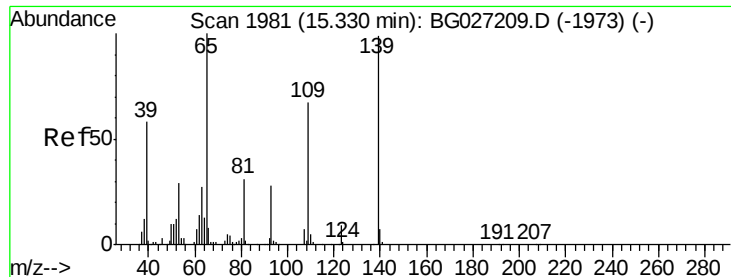
#44
 2-Fluorobiphenyl
 Concen: 98.47 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027357.D
 Acq: 9 Jun 2017 21:26

Tgt Ion:172 Resp: 879379
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.2 48.2
 170 25.2 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

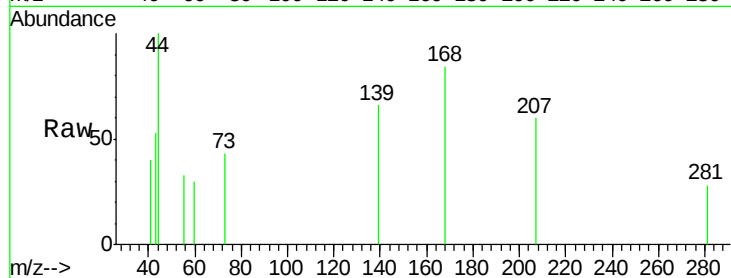




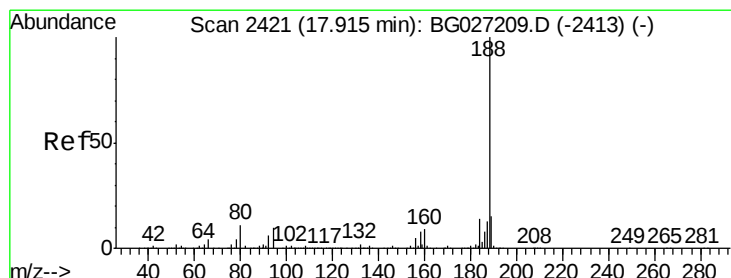
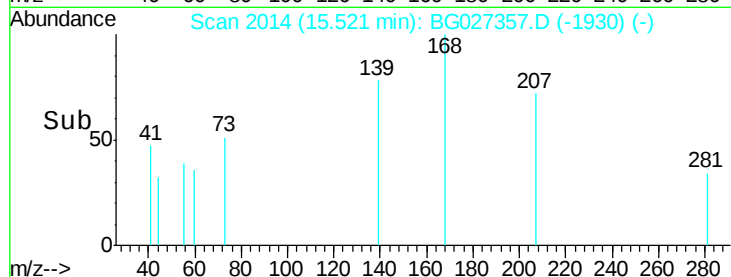
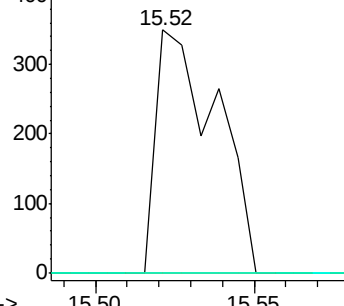
#55
4-Nitrophenol
Concen: 6.35 ng
RT: 15.52 min Scan# 2014
Delta R.T. 0.19 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 460
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

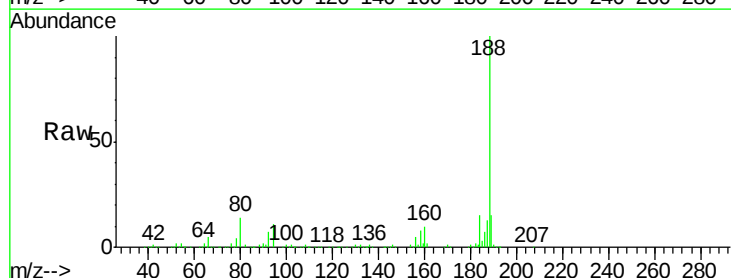


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

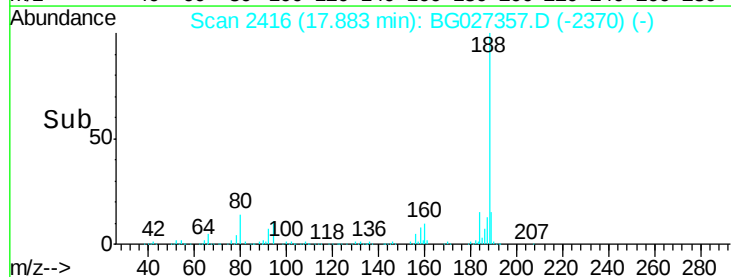
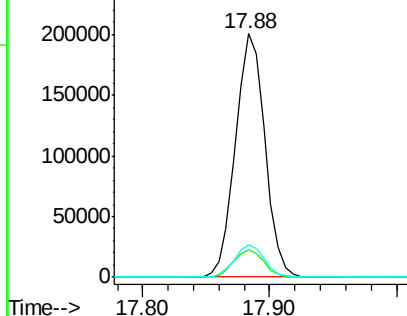


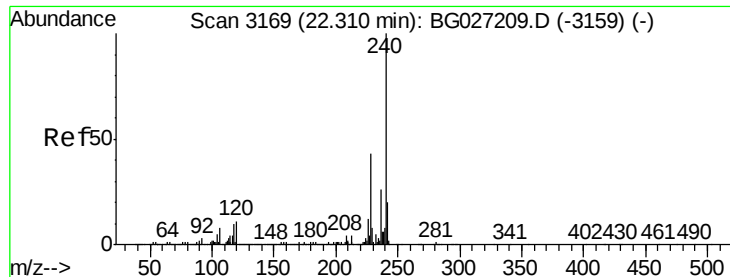
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Tgt Ion:188 Resp: 321511
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 13.5 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# 3163

Delta R.T. -0.04 min

Lab File: BG027357.D

Acq: 9 Jun 2017 21:26

Instrument :

BNA_G

ClientSampleId :

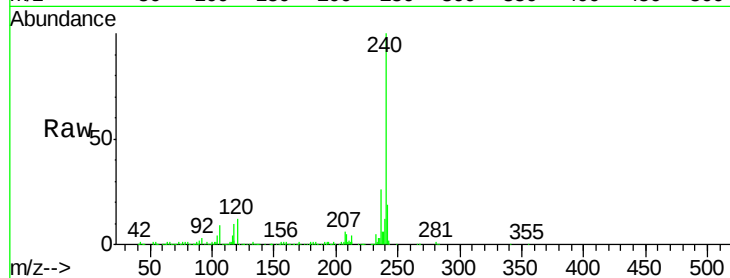
Tot Ion:240 Resp: 382151

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

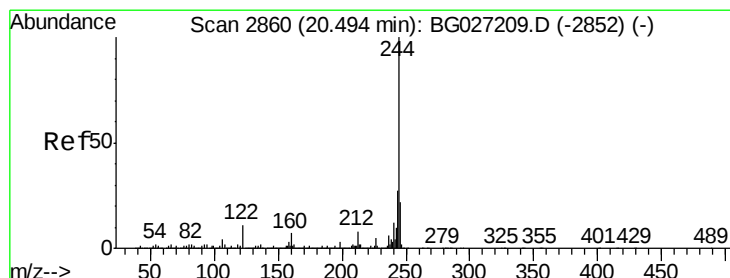
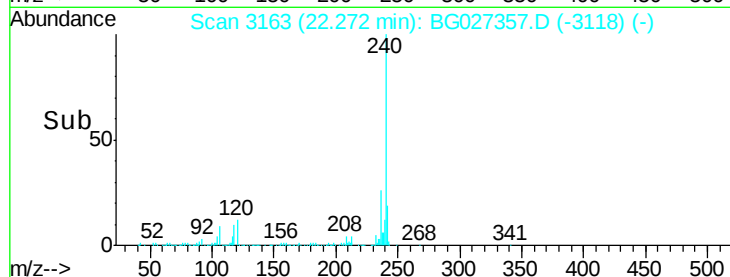
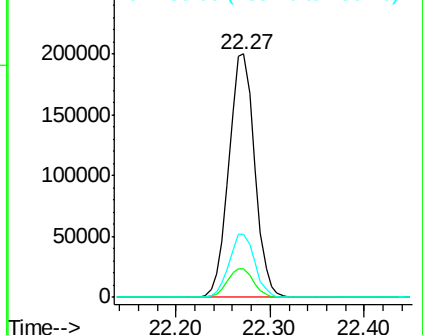
236 26.2 22.2 33.4



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: 107.77 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027357.D

Acq: 9 Jun 2017 21:26

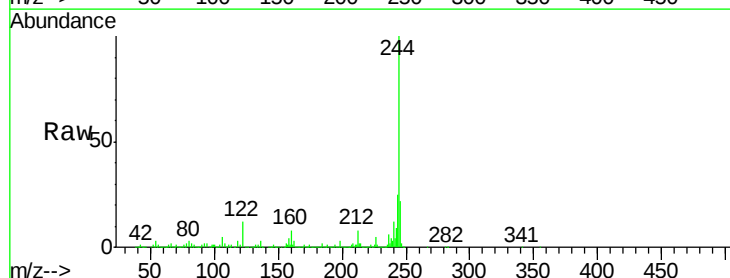
Tgt Ion:244 Resp: 1614460

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

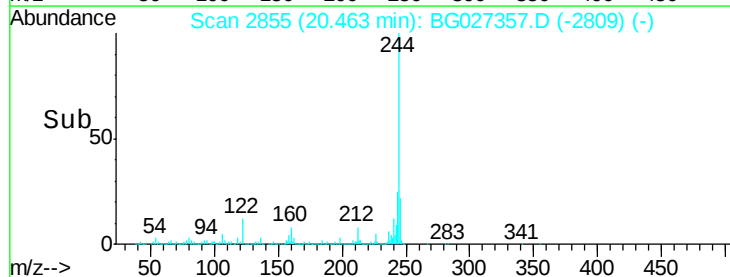
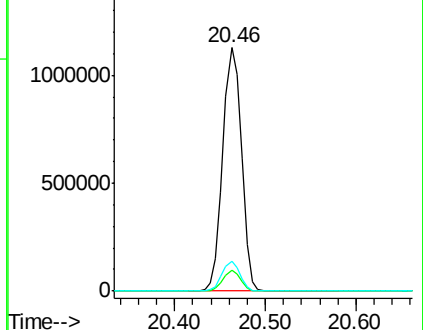
122 12.2 8.6 12.8

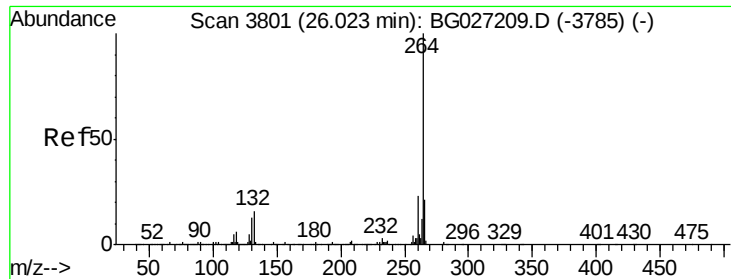


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

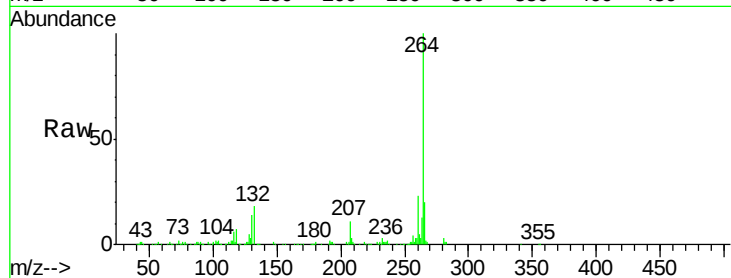




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027357.D
Acq: 9 Jun 2017 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	20.3	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

