

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027620.D
 Acq On : 23 Jun 2017 7:17
 Operator : SJ/JU
 Sample : I3840-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B56-B57-002

Quant Time: Jun 23 08:40:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

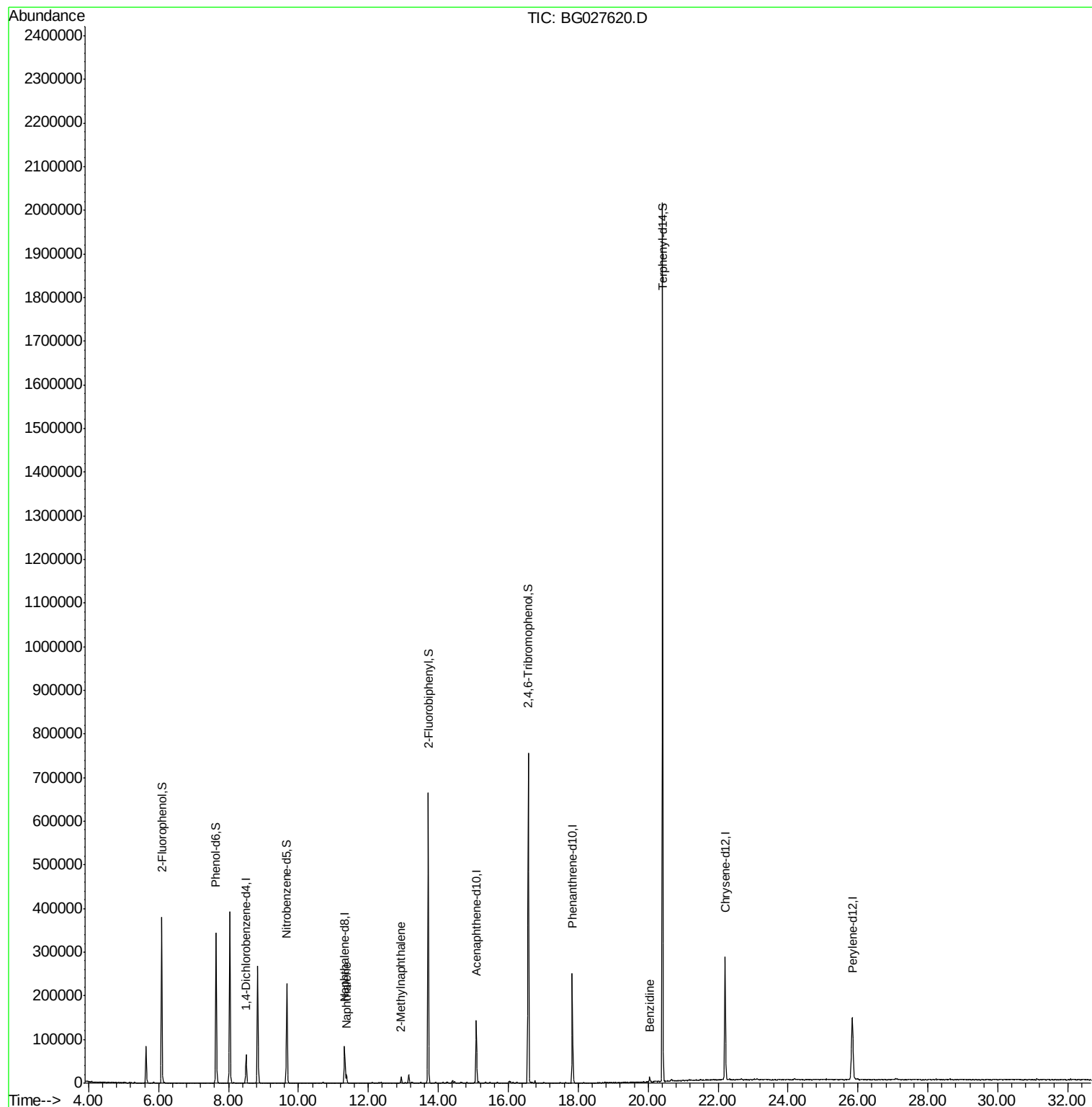
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	16824	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	73316	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	48540	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	159313	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	188615	20.00	ng	-0.01
86) Perylene-d12	25.84	264	180901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	151796	128.41	ng	0.00
7) Phenol-d6	7.64	99	191378	109.36	ng	0.00
23) Nitrobenzene-d5	9.67	82	146658	94.65	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	144137	199.18	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	335991	94.55	ng	0.00
78) Terphenyl-d14	20.41	244	874239	109.21	ng	0.00
Target Compounds						
31) Naphthalene	11.37	128	17243	4.35	ng	97
37) 2-Methylnaphthalene	12.94	142	7208	2.50	ng	89
76) Benzidine	20.04	184	9394	2.03	ng	94

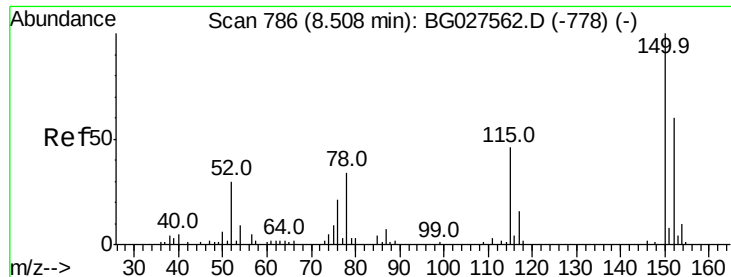
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
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Quant Time: Jun 23 08:40:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Instrument :

BNA_G

ClientSampleId :

WC-B56-B57-002

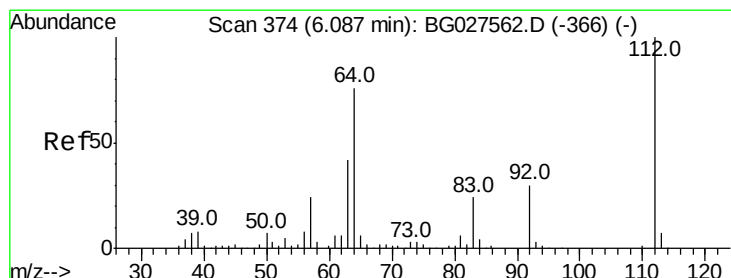
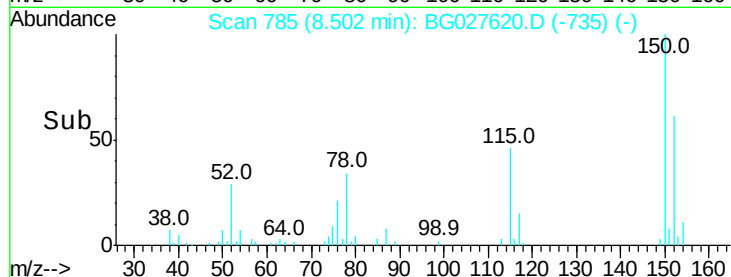
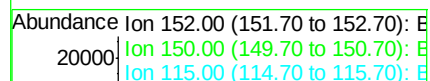
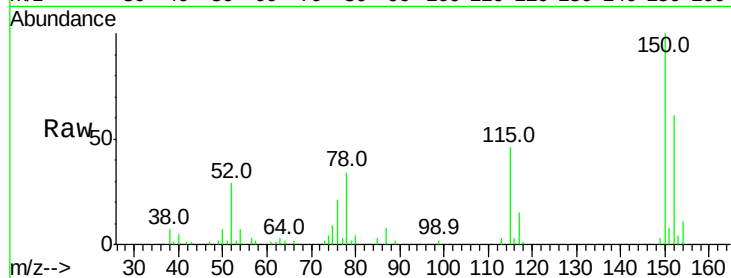
Tot Ion:152 Resp: 16824

Ion Ratio Lower Upper

152 100

150 164.9 114.0 171.0

115 76.2 48.1 72.1#



#5

2-Fluorophenol

Concen: 128.41 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

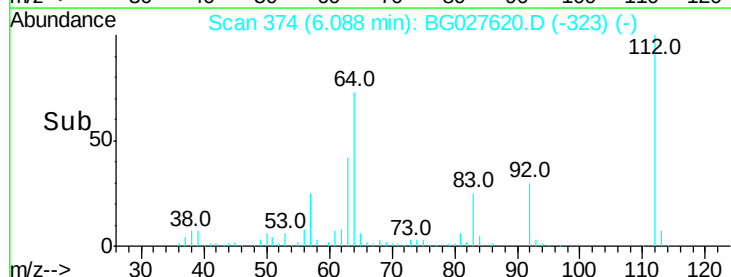
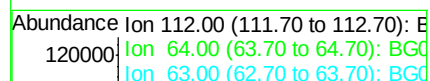
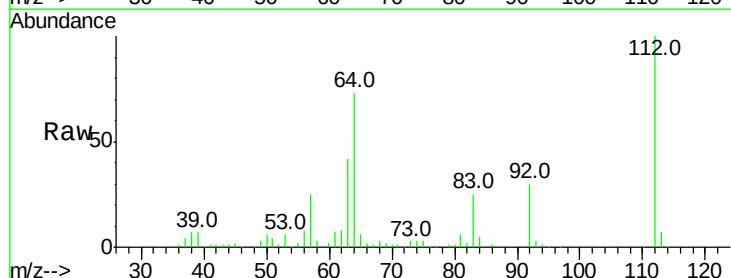
Tgt Ion:112 Resp: 151796

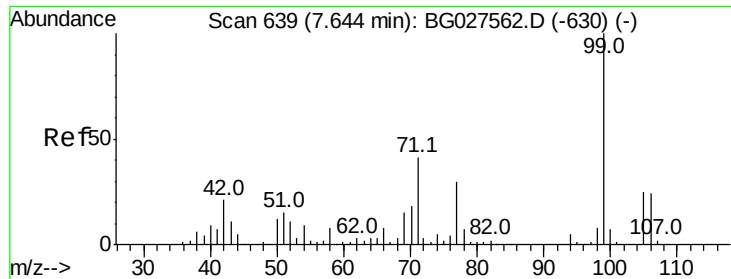
Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

63 42.3 37.2 55.8





#7

Phenol-d6

Concen: 109.36 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Instrument :

BNA_G

ClientSampleId :

WC-B56-B57-002

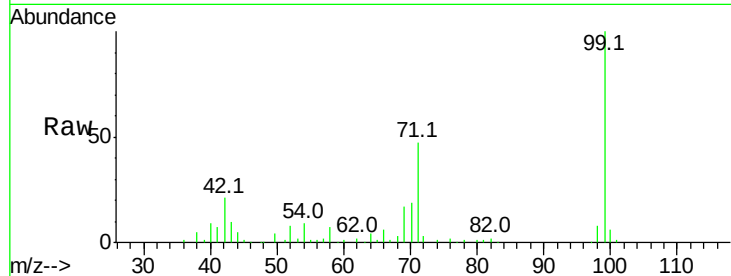
Tot Ion: 99 Resp: 191378

Ion Ratio Lower Upper

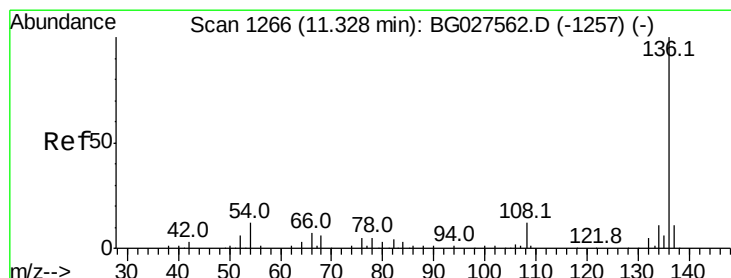
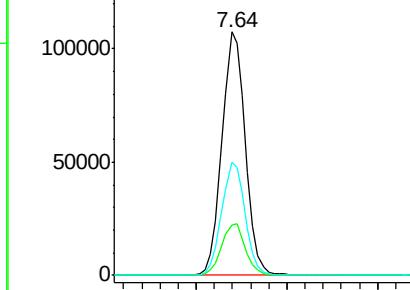
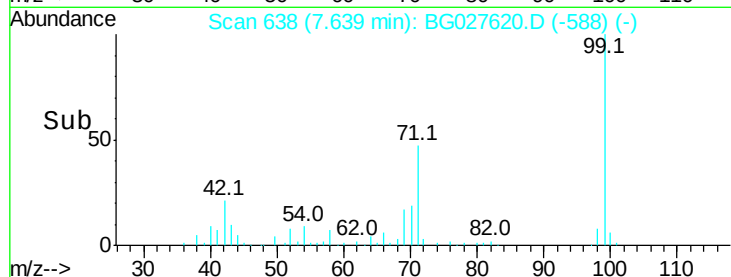
99 100

42 20.6 20.5 30.7

71 46.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Tgt Ion: 136 Resp: 73316

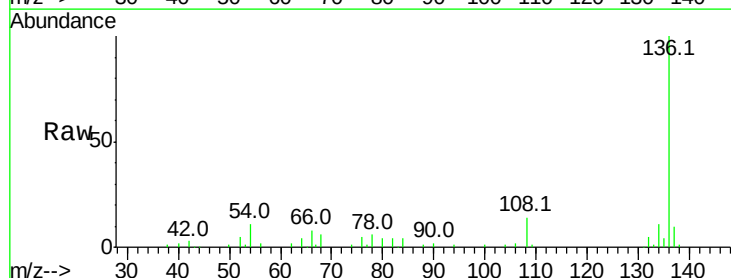
Ion Ratio Lower Upper

136 100

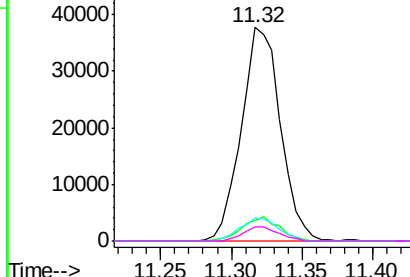
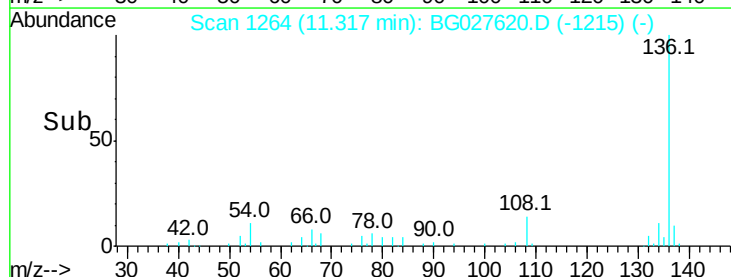
137 9.8 8.9 13.3

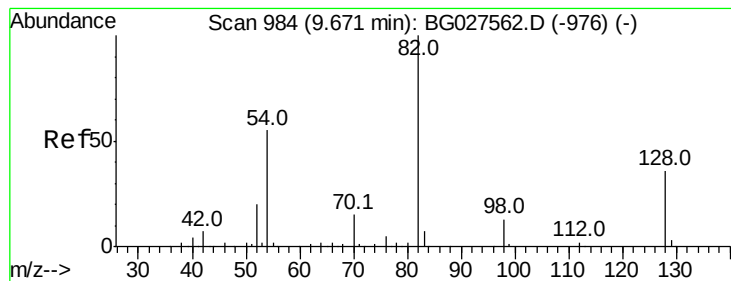
54 10.5 9.3 13.9

68 6.3 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: 94.65 ng

RT: 9.67 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Instrument :

BNA_G

ClientSampleId :

WC-B56-B57-002

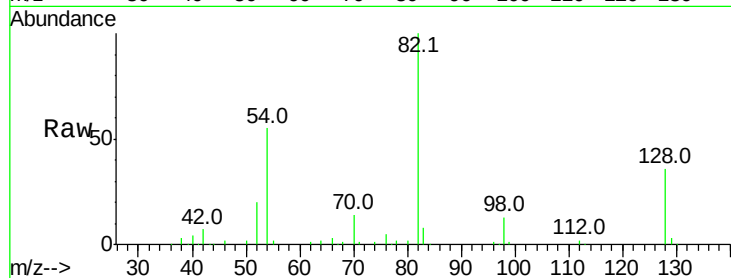
Tot Ion: 82 Resp: 146658

Ion Ratio Lower Upper

82 100

128 35.5 26.4 39.6

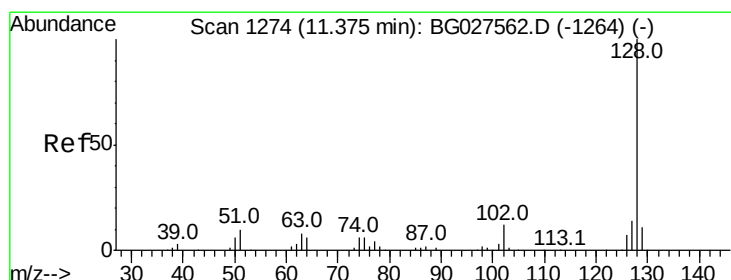
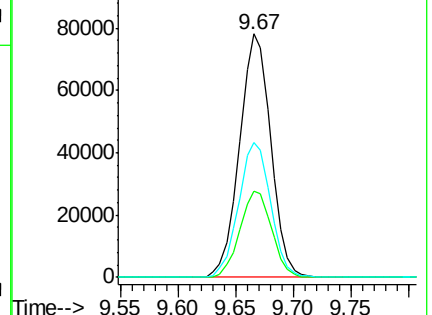
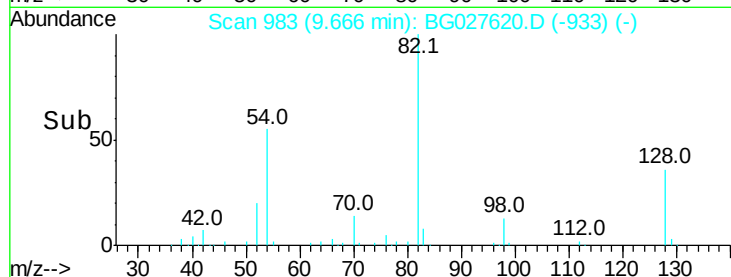
54 55.2 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 4.35 ng

RT: 11.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

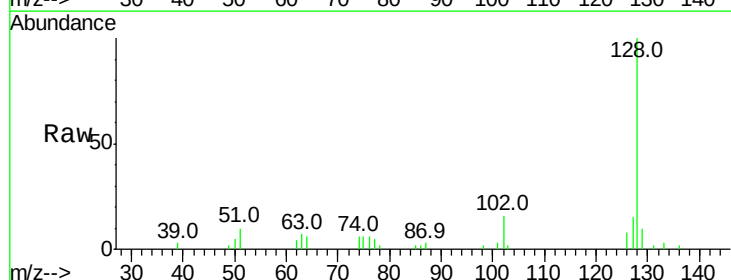
Tgt Ion: 128 Resp: 17243

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

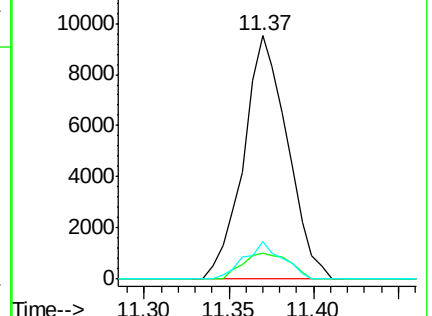
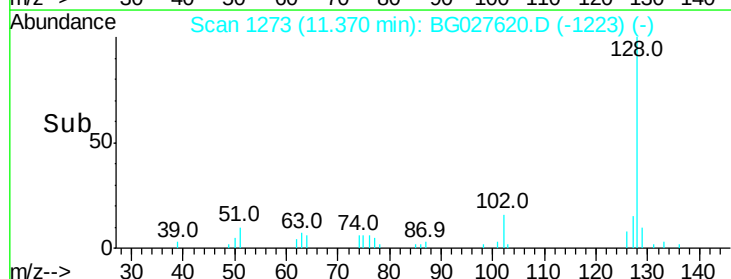
127 15.5 11.4 17.0

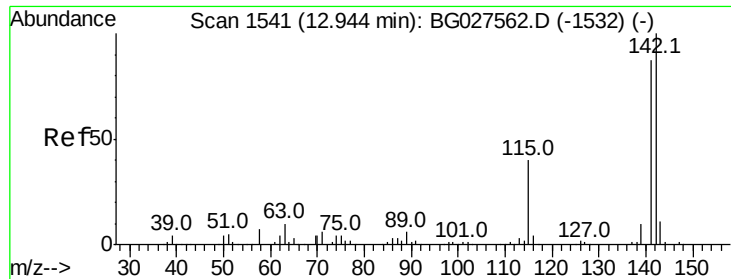


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

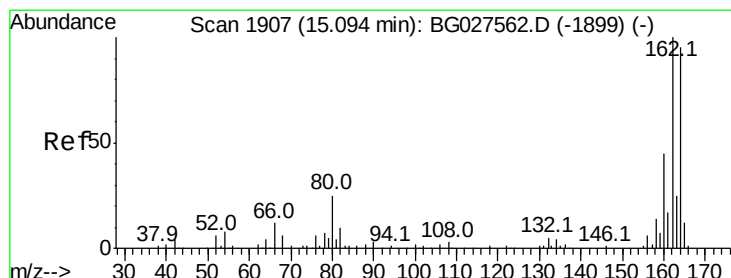
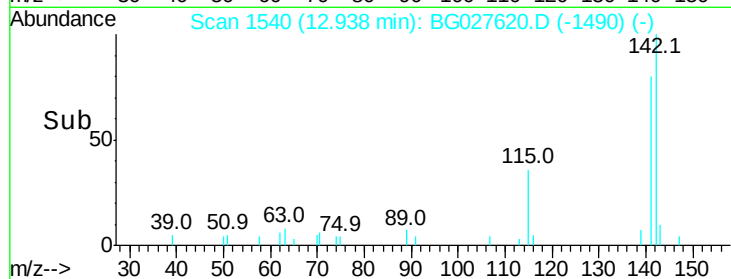
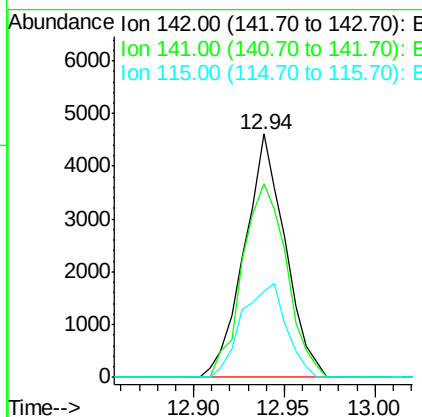
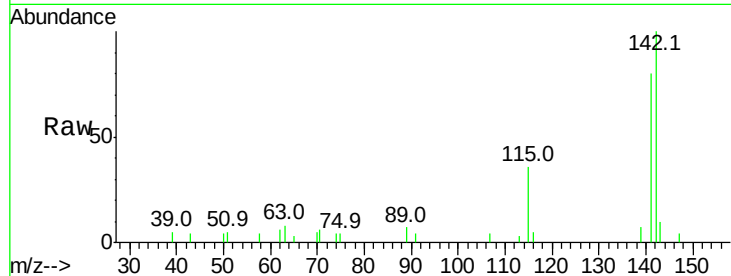




#37
2-Methylnaphthalene
Concen: 2.50 ng
RT: 12.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG027620.D
Acq: 23 Jun 2017 7:17

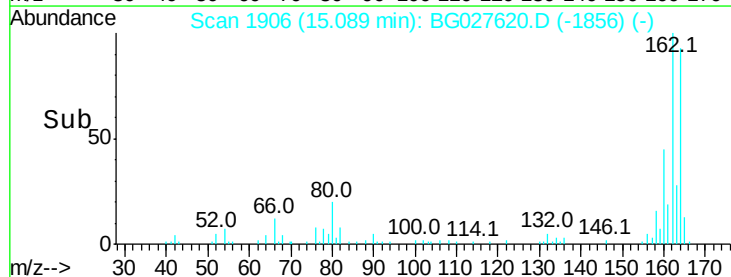
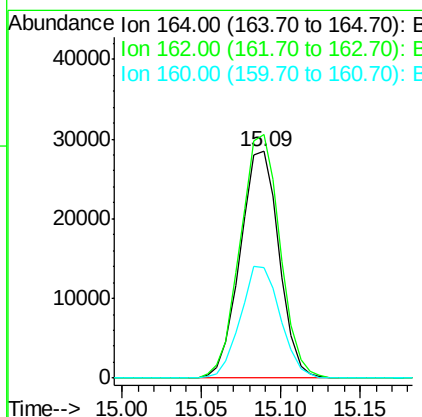
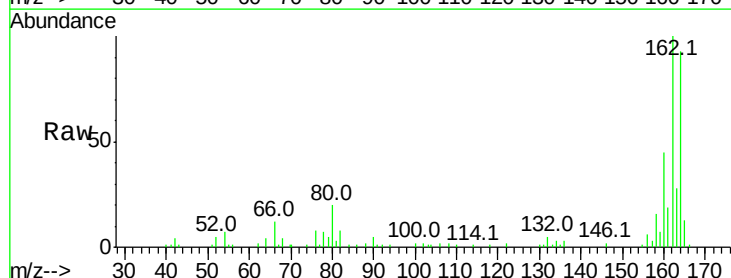
Instrument :
BNA_G
ClientSampleId :
WC-B56-B57-002

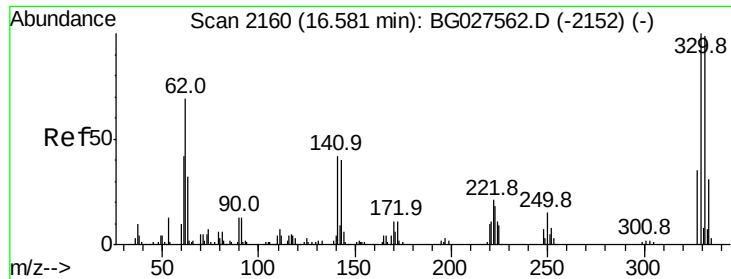
Tot Ion:142 Resp: 7208
Ion Ratio Lower Upper
142 100
141 79.7 70.4 105.6
115 35.6 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027620.D
Acq: 23 Jun 2017 7:17

Tgt Ion:164 Resp: 48540
Ion Ratio Lower Upper
164 100
162 107.5 85.1 127.7
160 48.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 199.18 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Instrument :

BNA_G

ClientSampleId :

WC-B56-B57-002

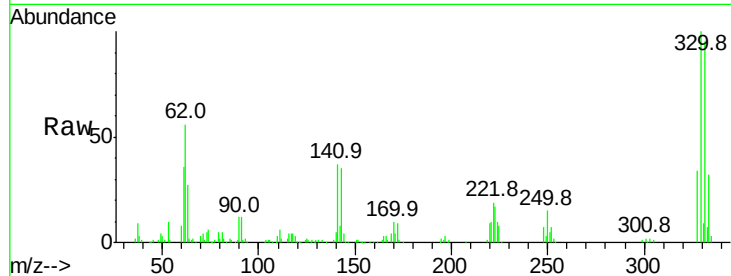
Tot Ion:330 Resp: 144137

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

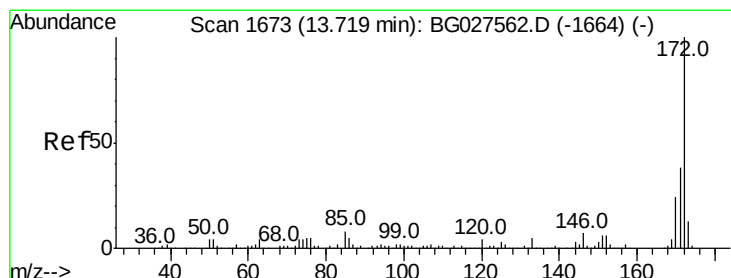
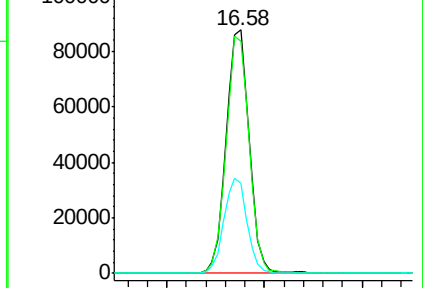
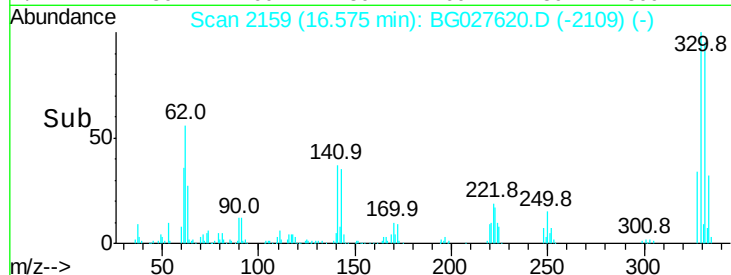
141 39.1 32.1 48.1



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: 94.55 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

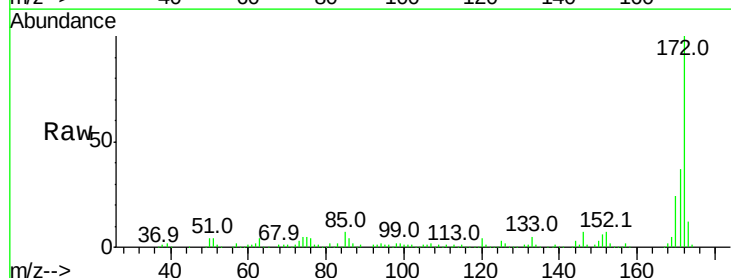
Tgt Ion:172 Resp: 335991

Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

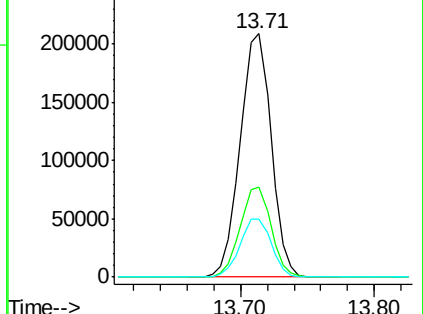
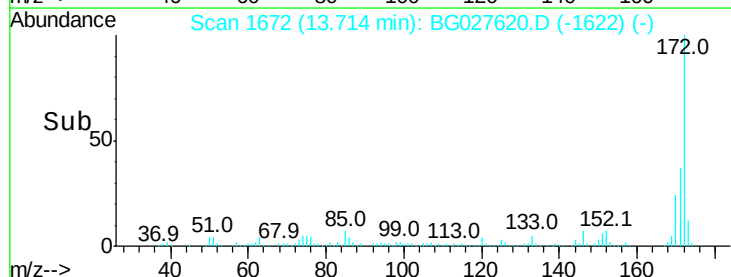
170 23.9 21.8 32.6

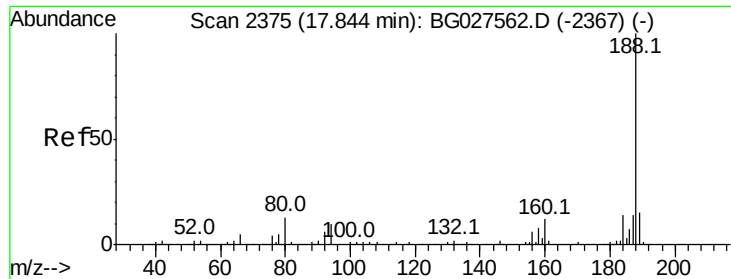


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

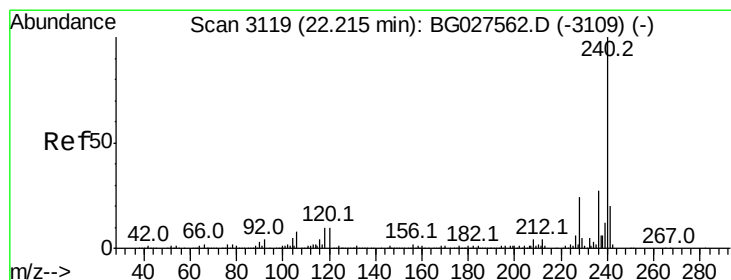
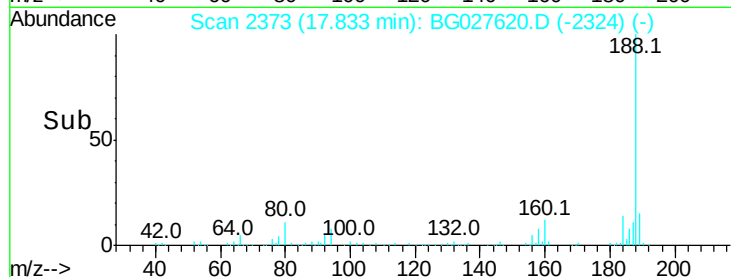
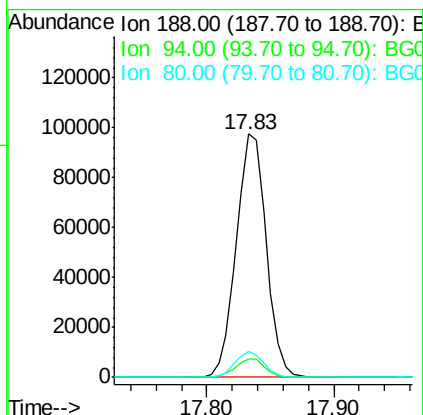
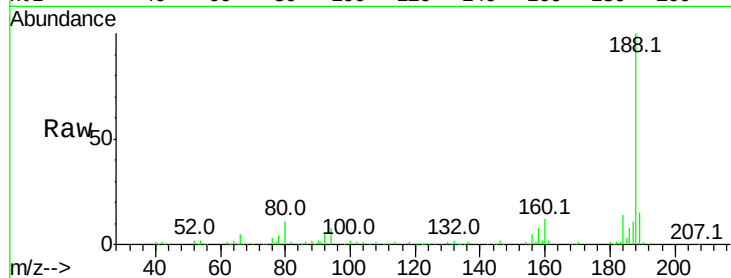




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG027620.D
Acq: 23 Jun 2017 7:17

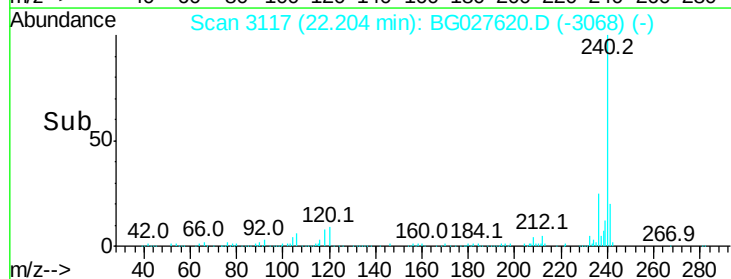
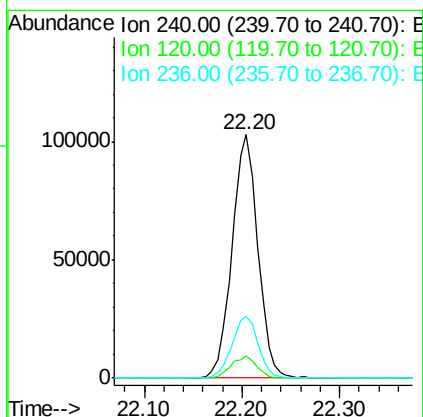
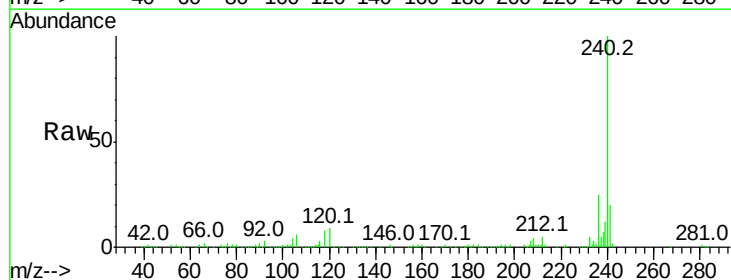
Instrument :
BNA_G
ClientSampleId :
WC-B56-B57-002

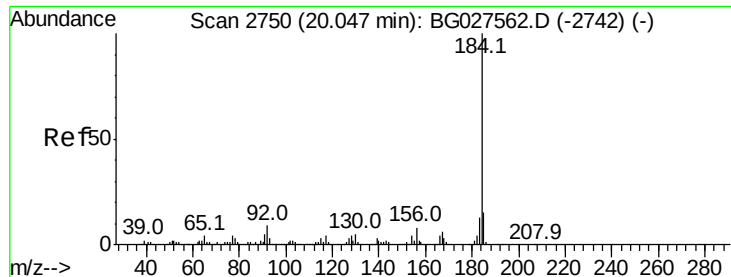
Tot Ion:188 Resp: 159313
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.8
80 10.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027620.D
Acq: 23 Jun 2017 7:17

Tgt Ion:240 Resp: 188615
Ion Ratio Lower Upper
240 100
120 9.1 5.7 8.5#
236 25.3 22.2 33.4





#76

Benzidine

Concen: 2.03 ng

RT: 20.04 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

Instrument :

BNA_G

ClientSampleId :

WC-B56-B57-002

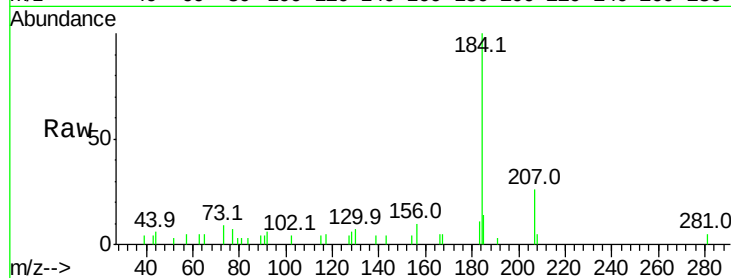
Tot Ion:184 Resp: 9394

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

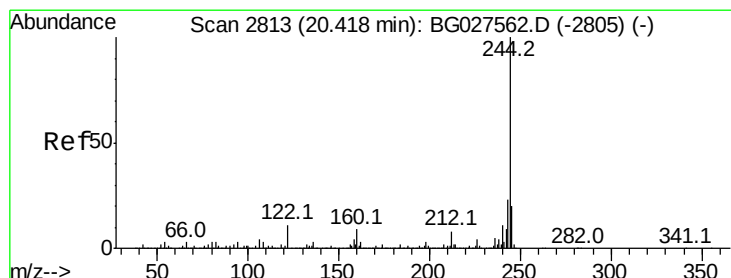
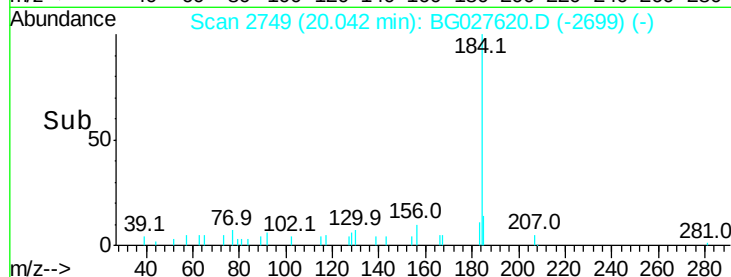
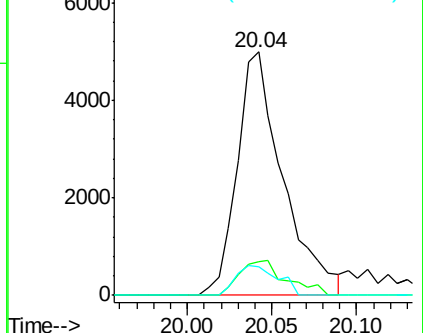
183 11.5 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 109.21 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027620.D

Acq: 23 Jun 2017 7:17

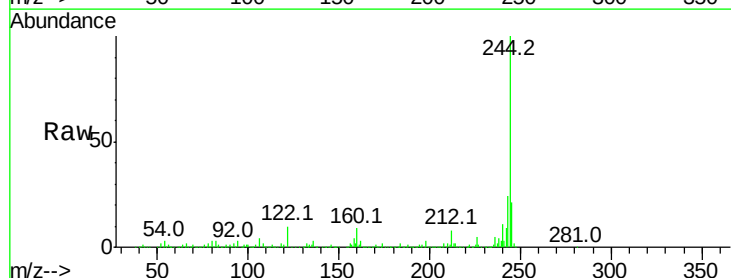
Tgt Ion:244 Resp: 874239

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

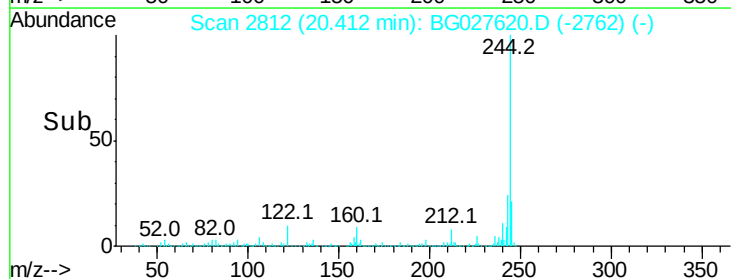
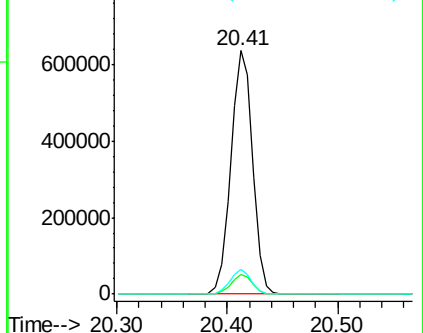
122 10.0 8.6 12.8

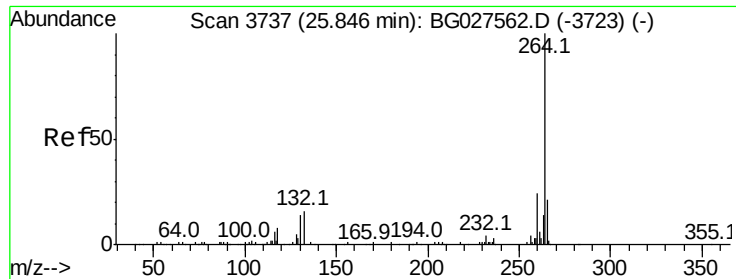


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.84 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG027620.D
Acq: 23 Jun 2017 7:17

Instrument :
BNA_G
ClientSampleId :
WC-B56-B57-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.2	18.2	27.4

