

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027403.D
 Acq On : 14 Jun 2017 2:17
 Operator : SJ/MA
 Sample : I3598-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-204-COMP

Quant Time: Jun 14 07:42:19 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

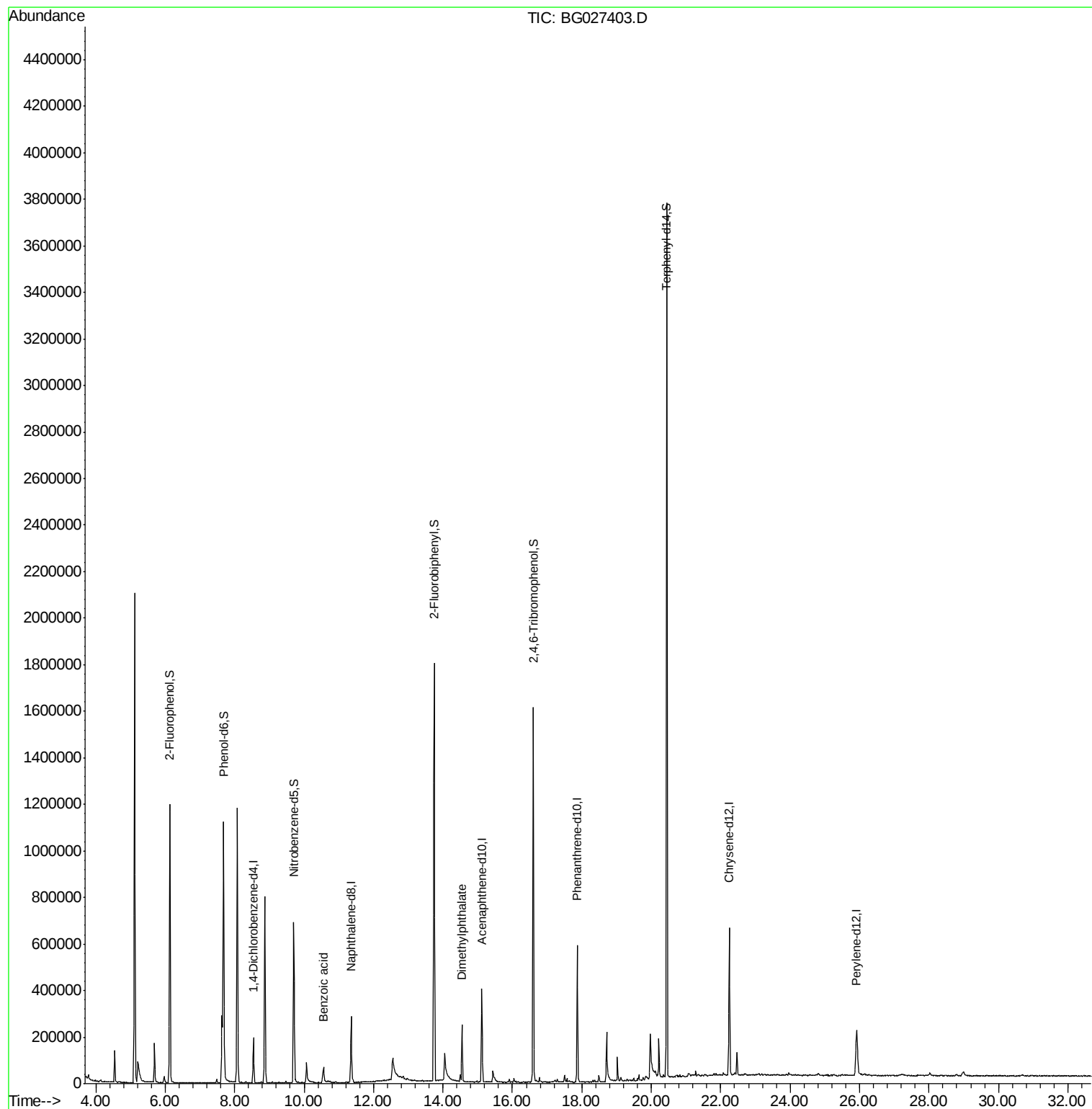
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	55521	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	246803	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	136430	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	362418	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	429091	20.00	ng	-0.06
86) Perylene-d12	25.91	264	203620	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	541015	148.70	ng	-0.03
7) Phenol-d6	7.68	99	687896	128.80	ng	-0.02
23) Nitrobenzene-d5	9.70	82	462581	117.87	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	323995	180.34	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	946749	97.08	ng	-0.04
78) Terphenyl-d14	20.44	244	1721485	102.34	ng	-0.05
Target Compounds						
32) Benzoic acid	10.56	122	32038	17.75	ng	Qvalue 84
49) Dimethylphthalate	14.55	163	161829	14.95	ng	96

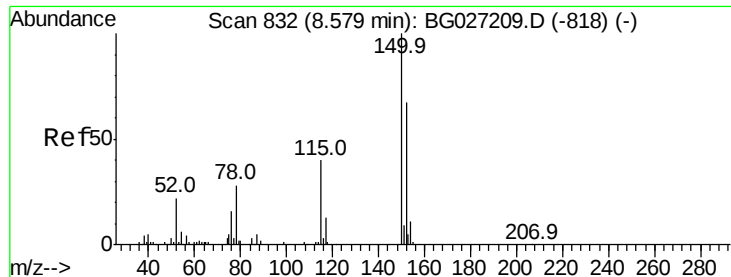
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027403.D

Acq: 14 Jun 2017 2:17

Instrument :

BNA_G

ClientSampleId :

VNJ-204-COMP

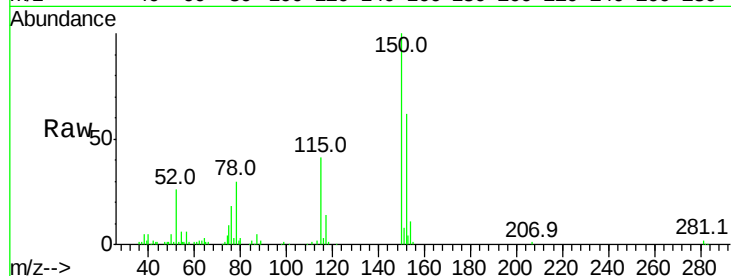
Tot Ion:152 Resp: 55521

Ion Ratio Lower Upper

152 100

150 161.1 114.0 171.0

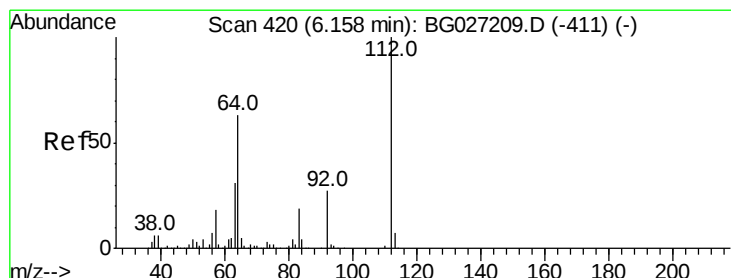
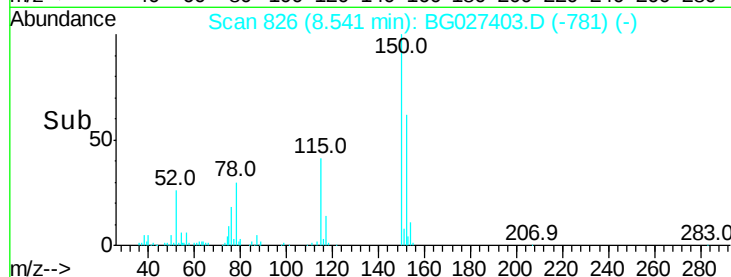
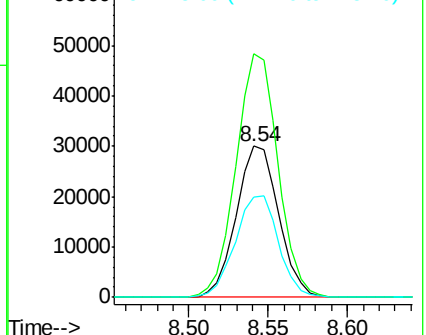
115 66.7 48.1 72.1



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: 148.70 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

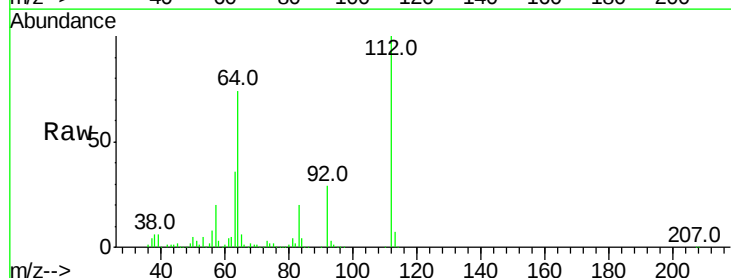
Tgt Ion:112 Resp: 541015

Ion Ratio Lower Upper

112 100

64 74.0 61.8 92.6

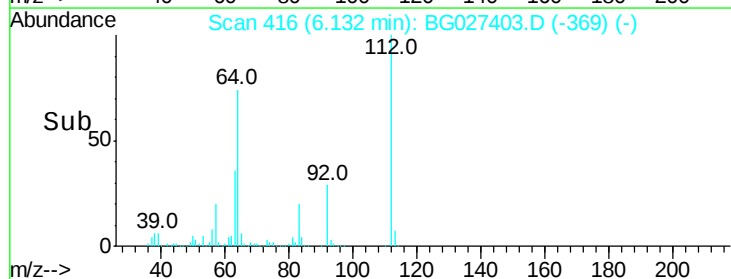
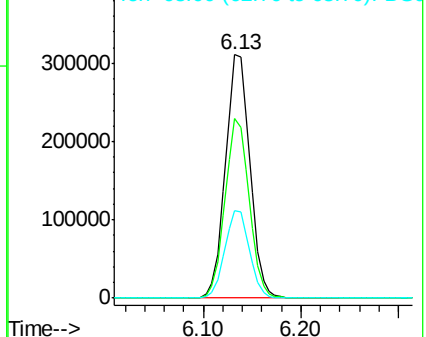
63 36.2 37.2 55.8#

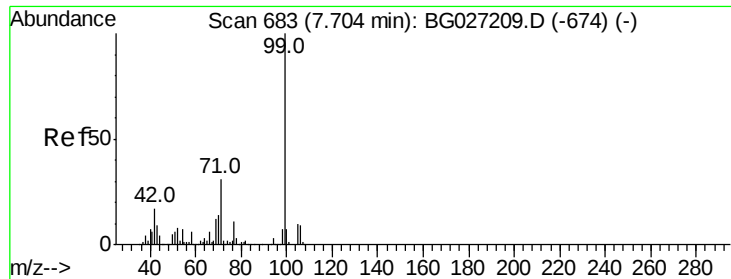


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.80 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

Instrument :

BNA_G

ClientSampleId :

VNJ-204-COMP

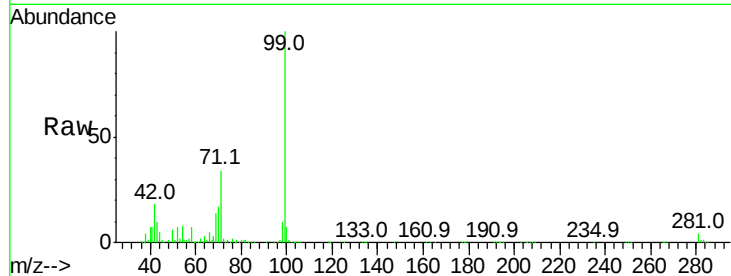
Tot Ion: 99 Resp: 687896

Ion Ratio Lower Upper

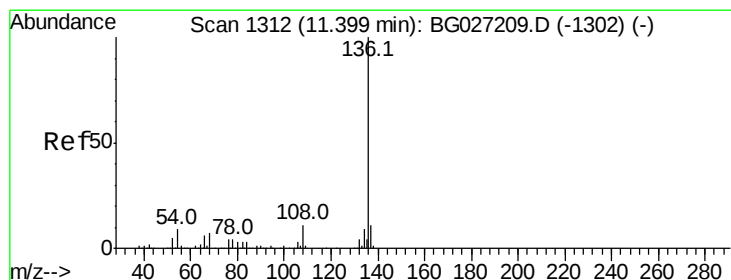
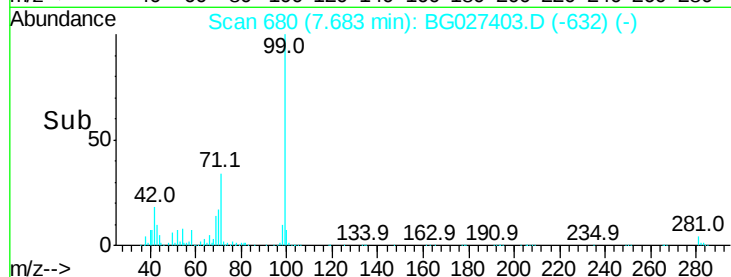
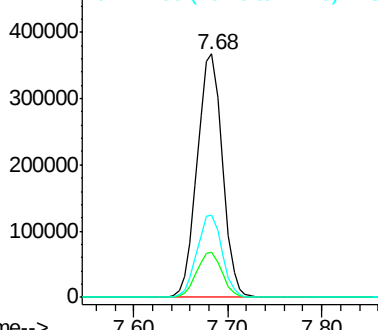
99 100

42 18.3 20.5 30.7#

71 33.9 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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

Tgt Ion: 136 Resp: 246803

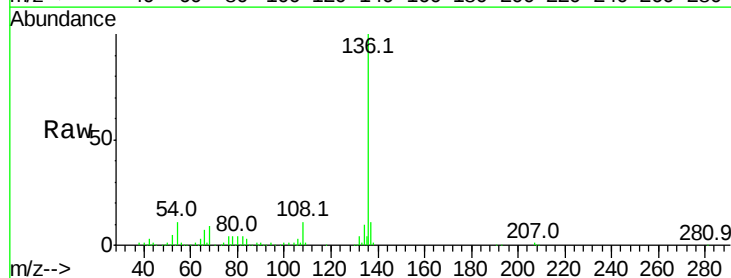
Ion Ratio Lower Upper

136 100

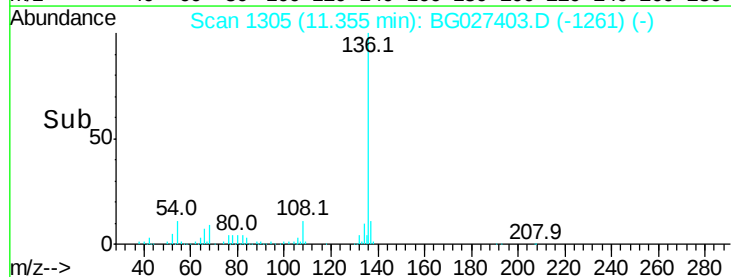
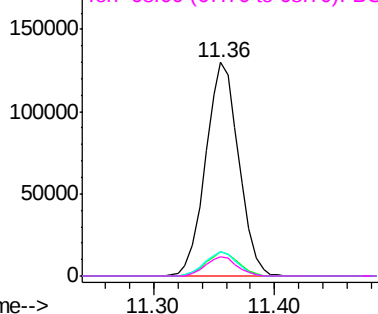
137 11.3 8.9 13.3

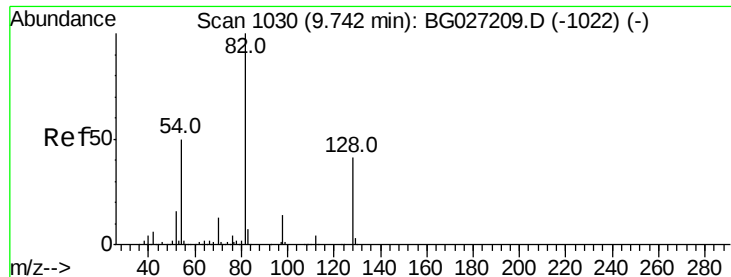
54 11.4 9.3 13.9

68 9.3 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

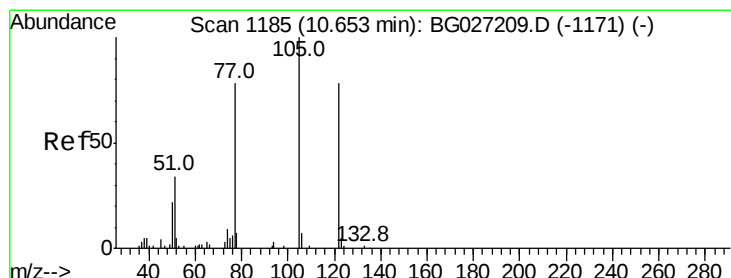
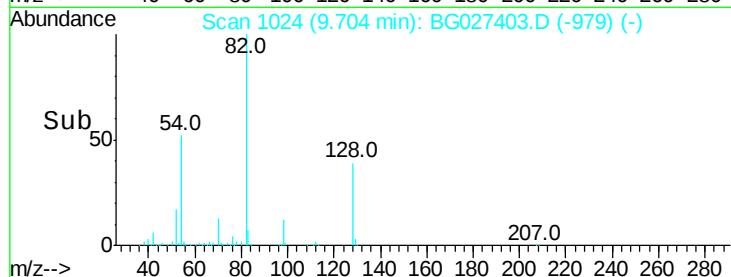
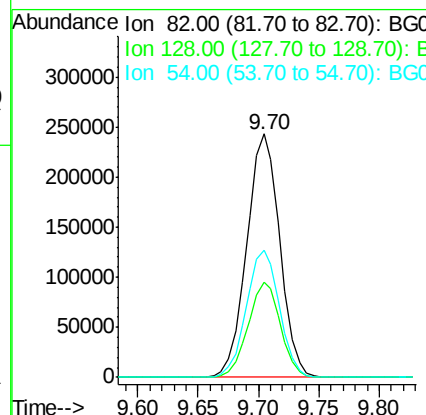
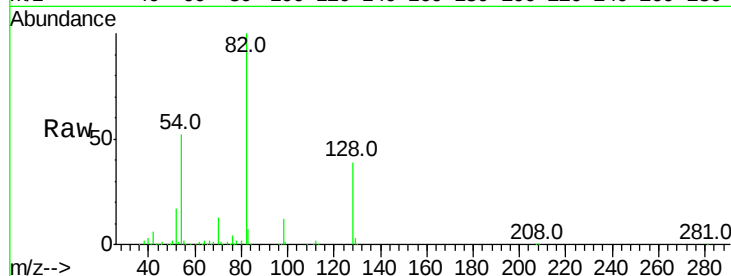




#23
Nitrobenzene-d5
Concen: 117.87 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

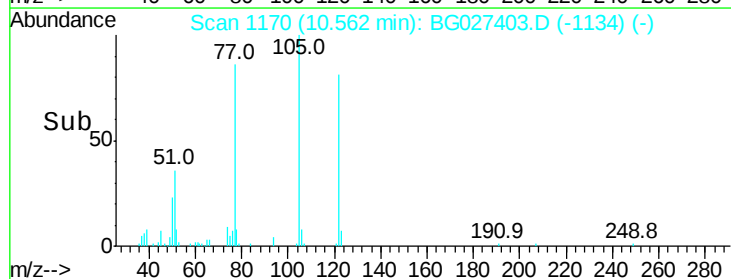
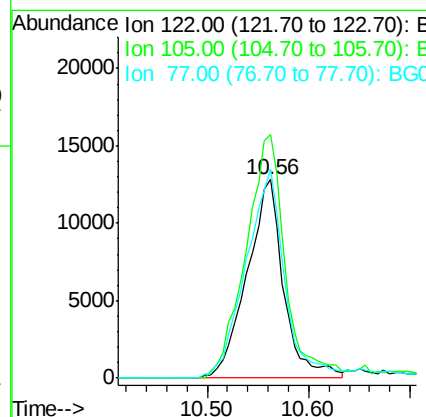
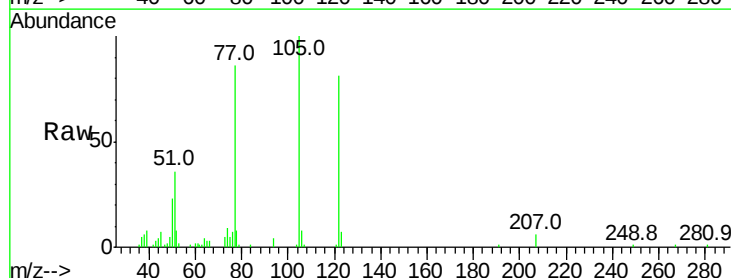
Instrument :
BNA_G
ClientSampleId :
VNJ-204-COMP

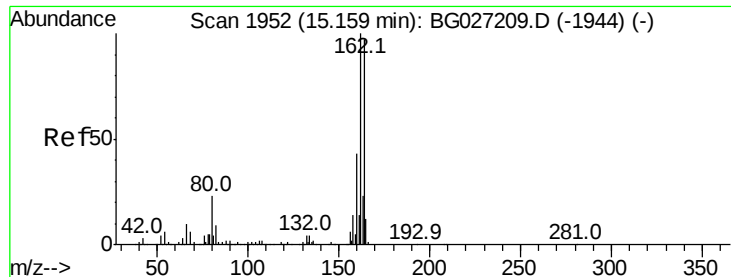
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	26.4	39.6
54	52.2	49.4	74.2



#32
Benzoic acid
Concen: 17.75 ng
RT: 10.56 min Scan# 1170
Delta R.T. -0.09 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	120.1	160.1
77	105.2	104.6	144.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

Instrument :

BNA_G

ClientSampleId :

VNJ-204-COMP

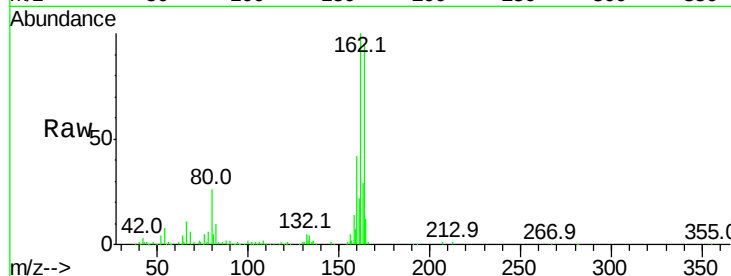
Tot Ion:164 Resp: 136430

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

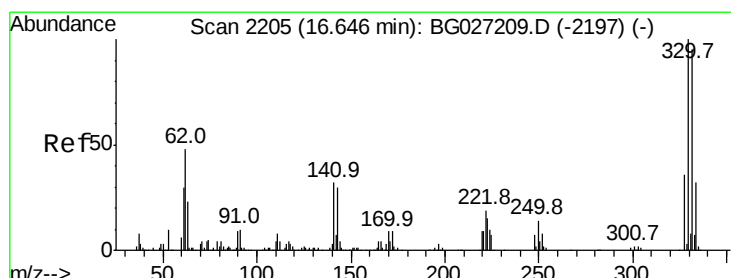
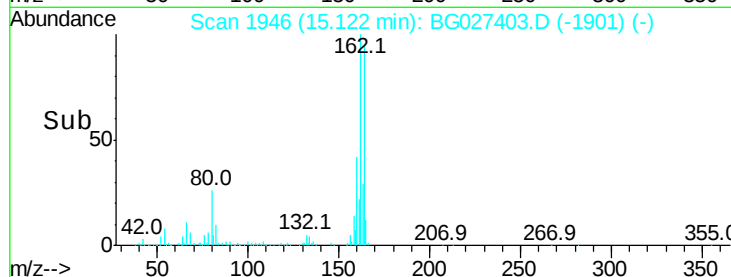
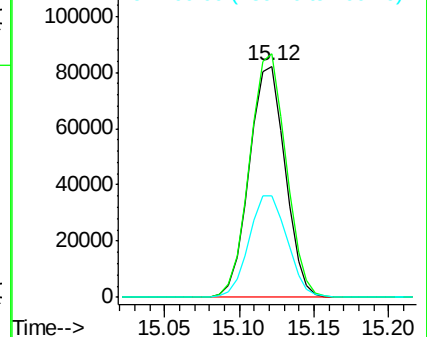
160 44.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 180.34 ng

RT: 16.60 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

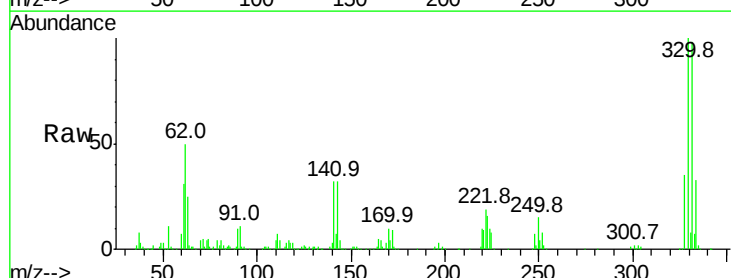
Tgt Ion:330 Resp: 323995

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

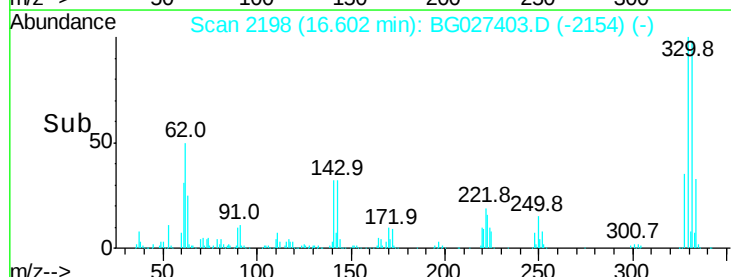
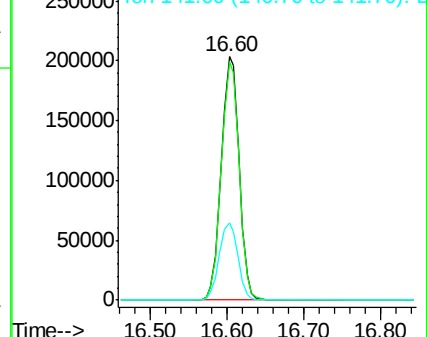
141 33.3 32.1 48.1

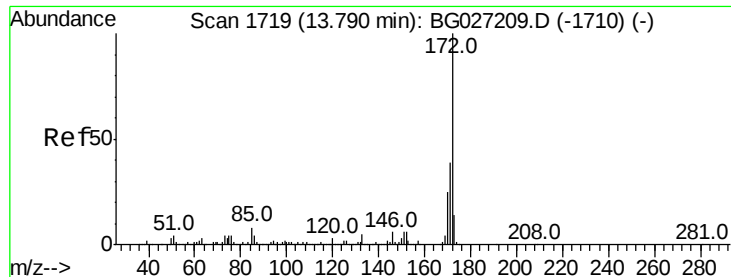


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

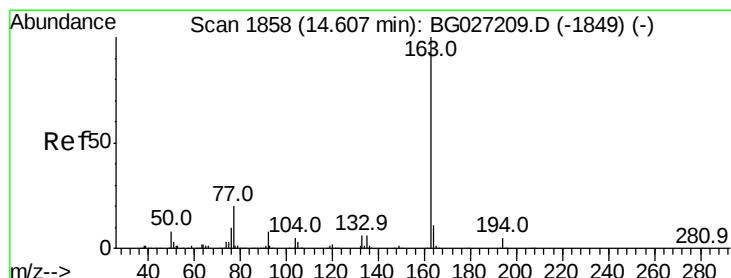
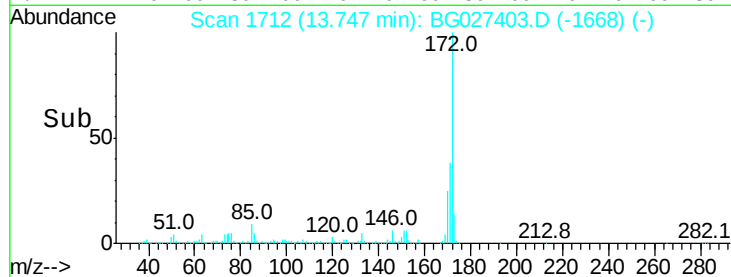
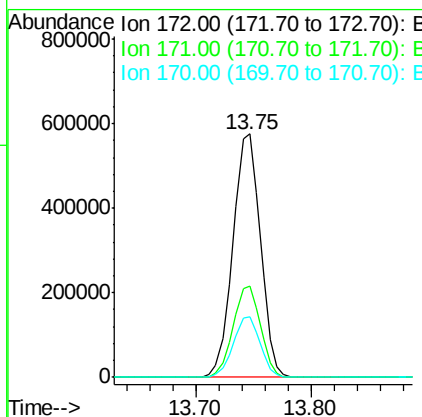
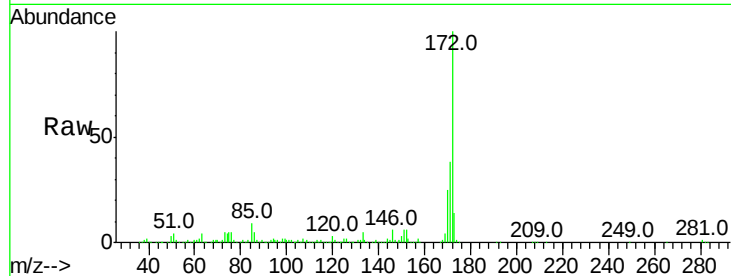




#44
2-Fluorobiphenyl
Concen: 97.08 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

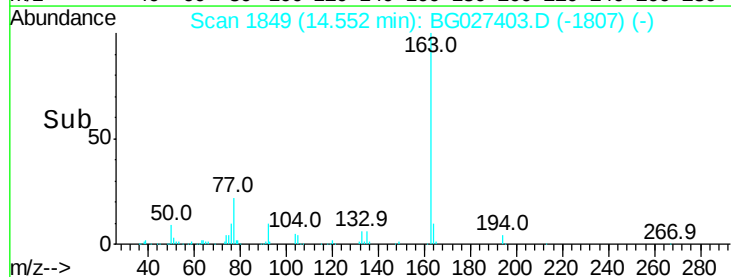
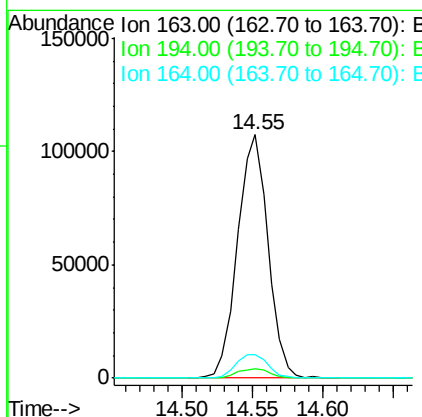
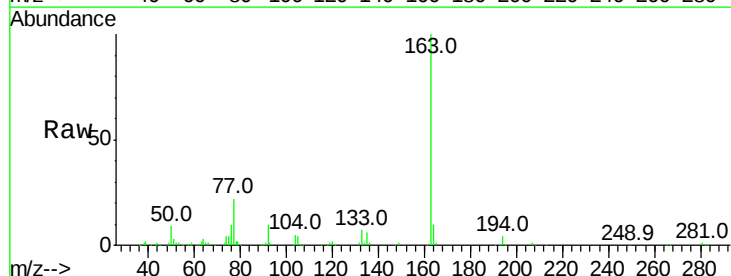
Instrument :
BNA_G
ClientSampleId :
VNJ-204-COMP

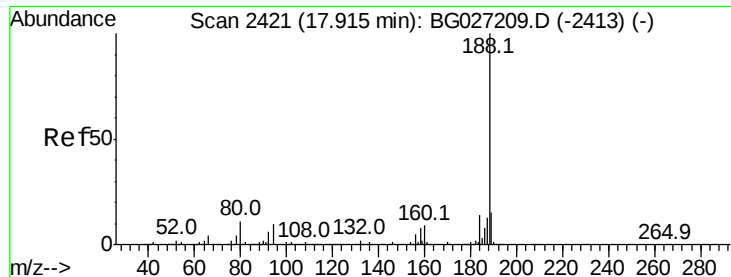
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	24.8	21.8	32.6



#49
Dimethylphthalate
Concen: 14.95 ng
RT: 14.55 min Scan# 1849
Delta R.T. -0.06 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	9.8	9.3	13.9

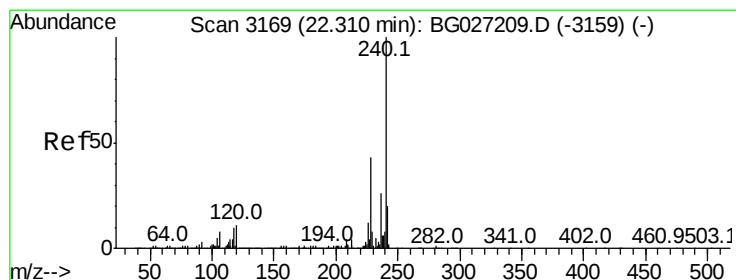
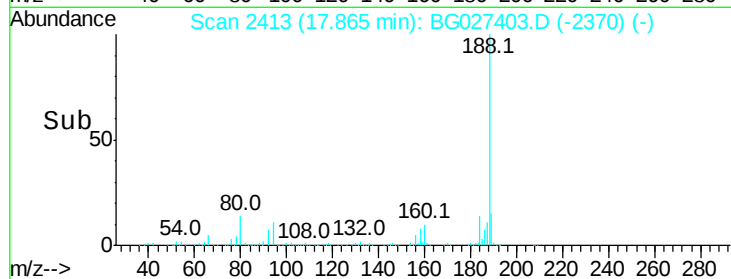
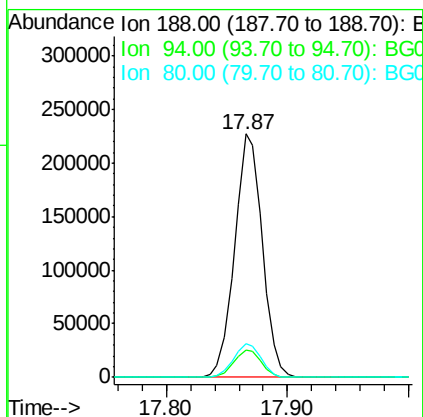
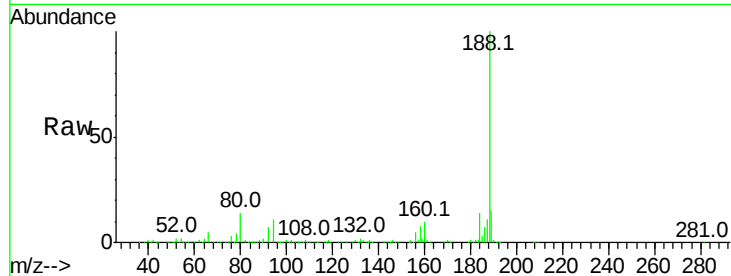




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

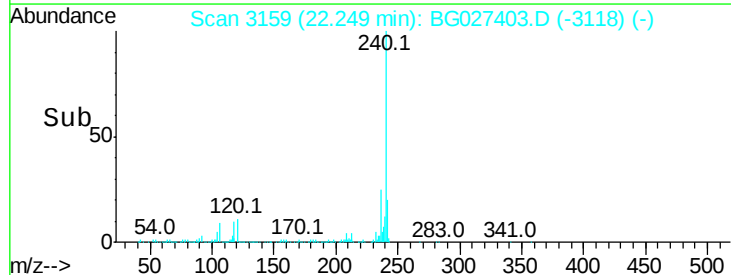
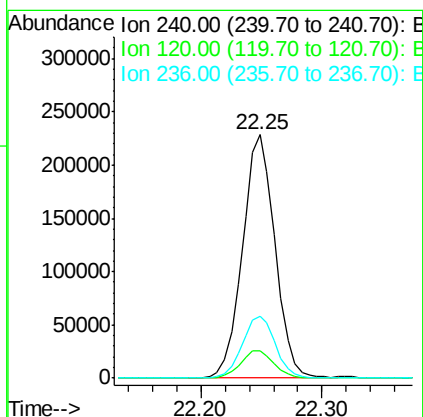
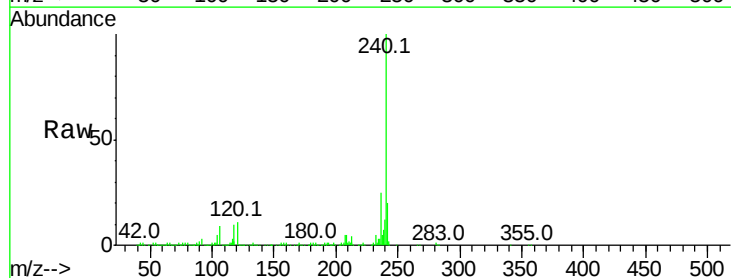
Instrument :
BNA_G
ClientSampleId :
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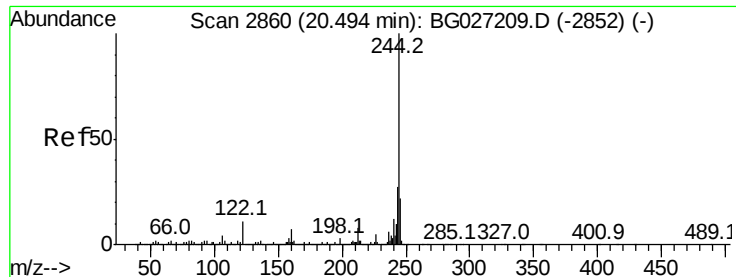
Tot Ion:188 Resp: 362418
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027403.D
Acq: 14 Jun 2017 2:17

Tgt Ion:240 Resp: 429091
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 102.34 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

Instrument :

BNA_G

ClientSampleId :

VNJ-204-COMP

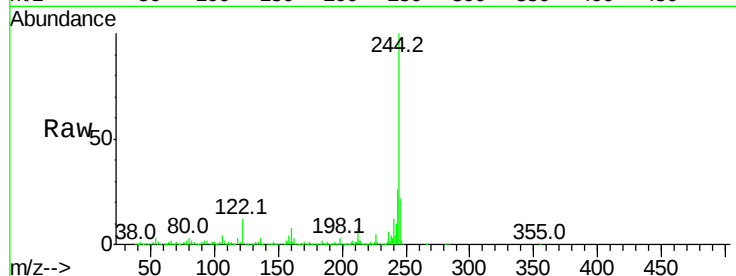
Tot Ion:244 Resp: 1721485

Ion Ratio Lower Upper

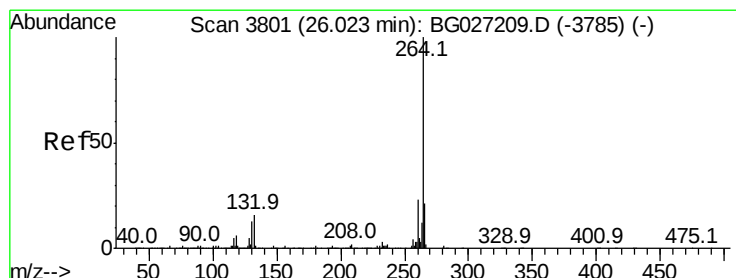
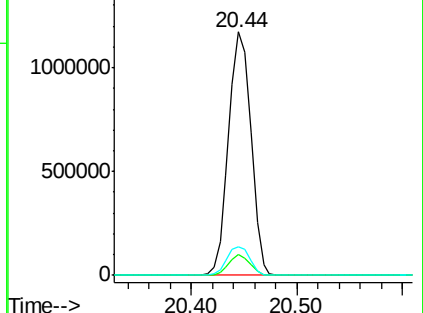
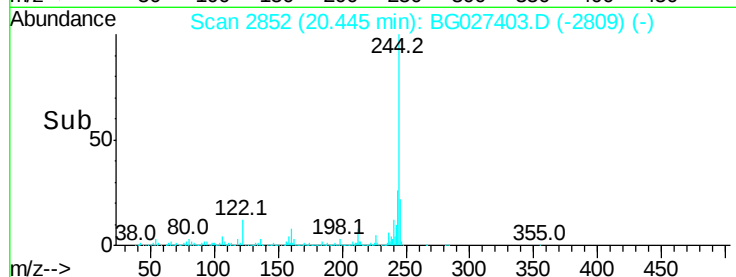
244 100

212 8.3 10.0 15.0#

122 11.9 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

Perylene-d12

Concen: 20.00 ng

RT: 25.91 min Scan# 3782

Delta R.T. -0.11 min

Lab File: BG027403.D

Acq: 14 Jun 2017 2:17

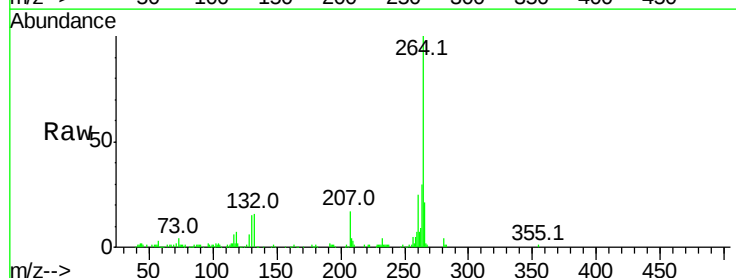
Tgt Ion:264 Resp: 203620

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

265 20.5 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

