

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027586.D
 Acq On : 22 Jun 2017 8:24
 Operator : SJ/JU
 Sample : I3781-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-30.5-31.0-DUP

Quant Time: Jun 22 14:20:41 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

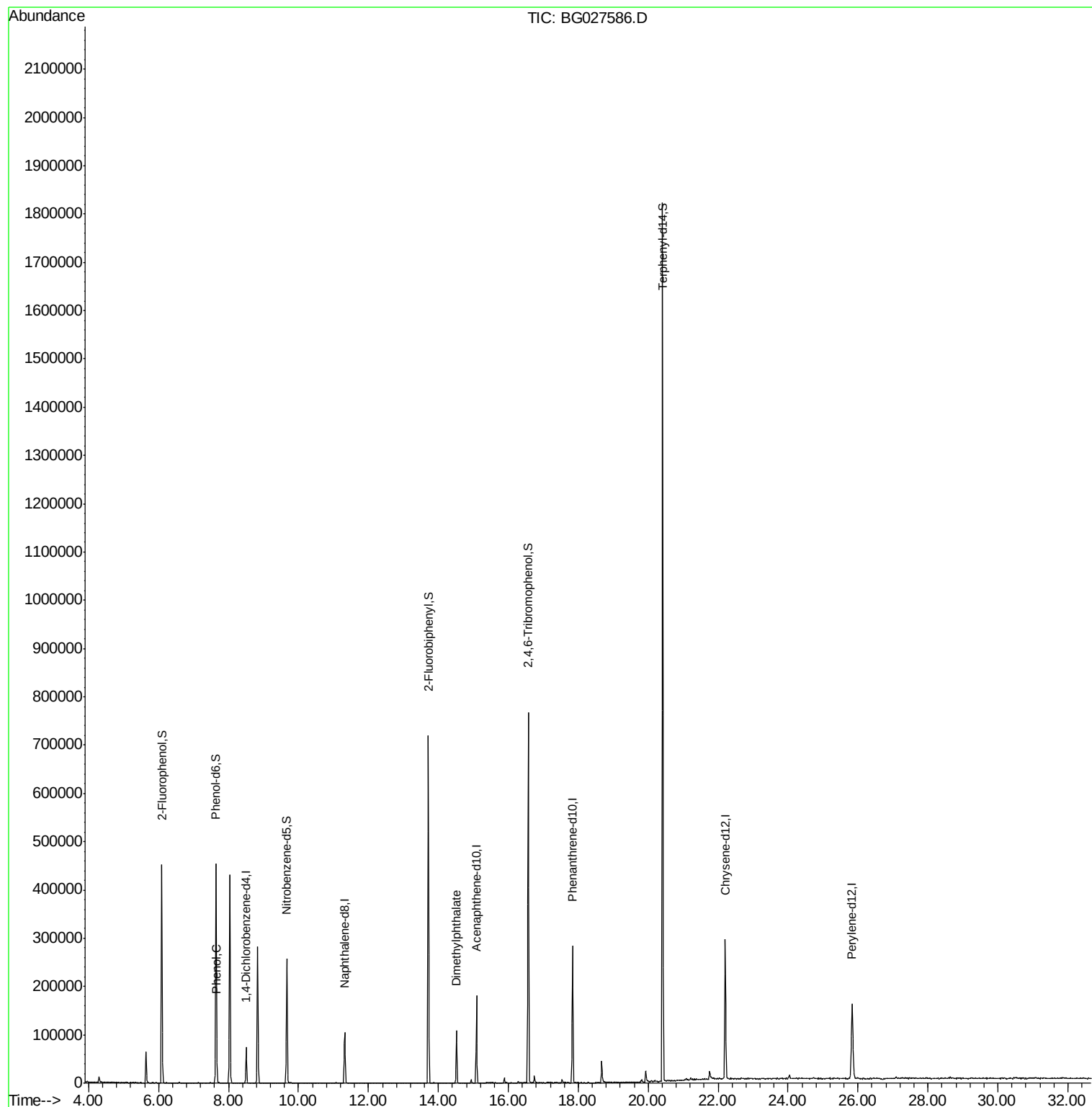
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19371	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	94457	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	59372	20.00	ng	-0.01
63) Phenanthrene-d10	17.83	188	178580	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	196987	20.00	ng	-0.01
86) Perylene-d12	25.84	264	187118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	187551	137.80	ng	0.00
7) Phenol-d6	7.64	99	261564	129.81	ng	0.00
23) Nitrobenzene-d5	9.67	82	162580	81.45	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	132861	150.10	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	361569	83.19	ng	0.00
78) Terphenyl-d14	20.41	244	769883	92.08	ng	0.00
Target Compounds						
10) Phenol	7.67	94	5583	2.720	ng	91
49) Dimethylphthalate	14.52	163	66713	12.833	ng	# 97

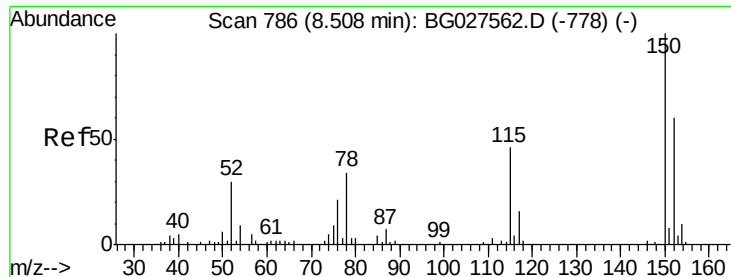
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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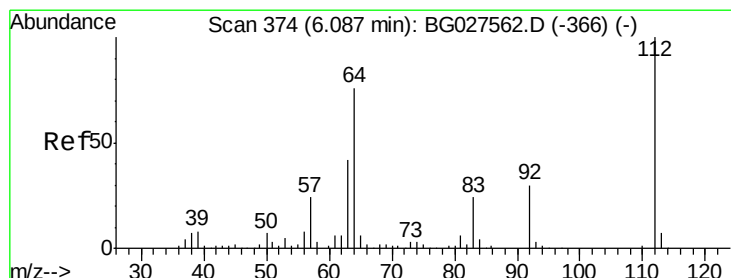
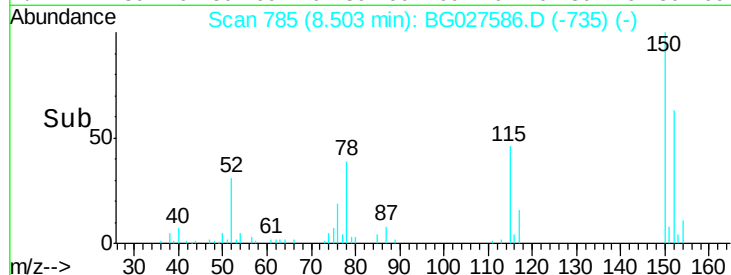
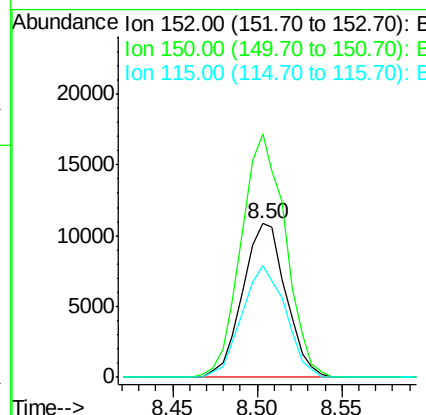
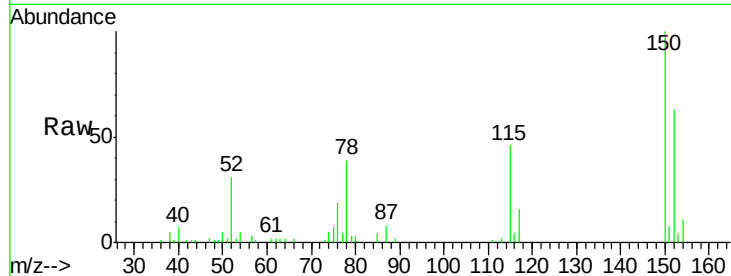


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.50 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-30.5-31.0-DUP

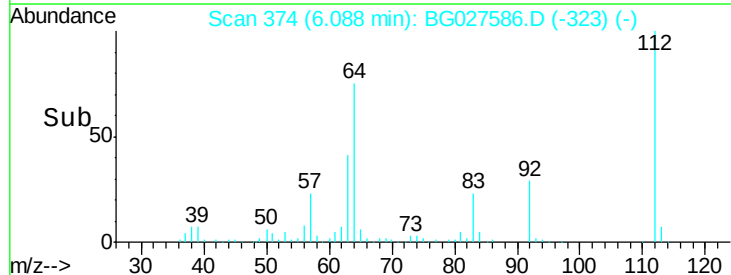
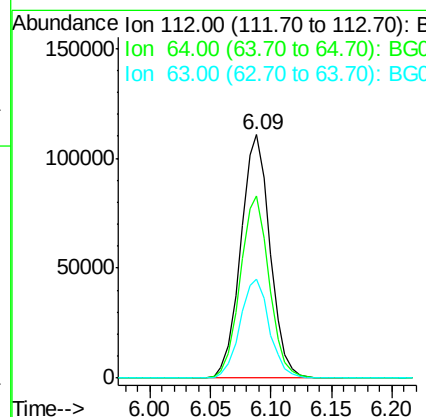
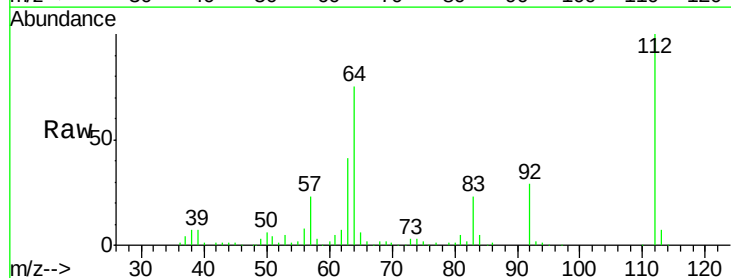
Tgt Ion:152 Resp: 19371
 Ion Ratio Lower Upper
 152 100
 150 158.6 114.0 171.0
 115 72.7 48.1 72.1#

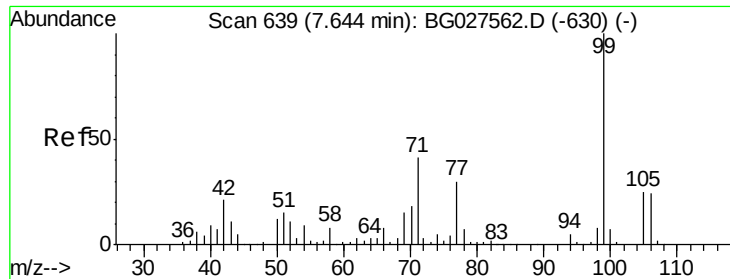


#5

2-Fluorophenol
 Concen: 137.797 ng
 RT: 6.09 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Tgt Ion:112 Resp: 187551
 Ion Ratio Lower Upper
 112 100
 64 74.8 61.8 92.6
 63 40.5 37.2 55.8





#7

Phenol-d6

Concen: 129.813 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

Instrument :

BNA_G

ClientSampleId :

SB-09-30.5-31.0-DUP

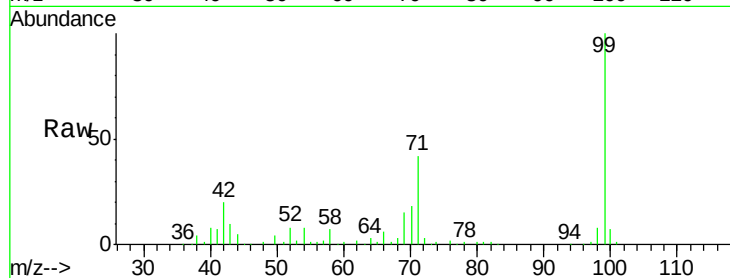
Tgt Ion: 99 Resp: 261564

Ion Ratio Lower Upper

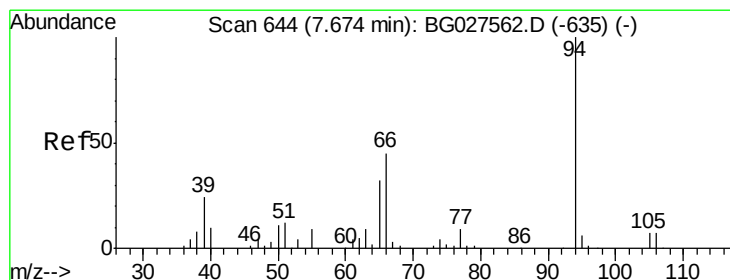
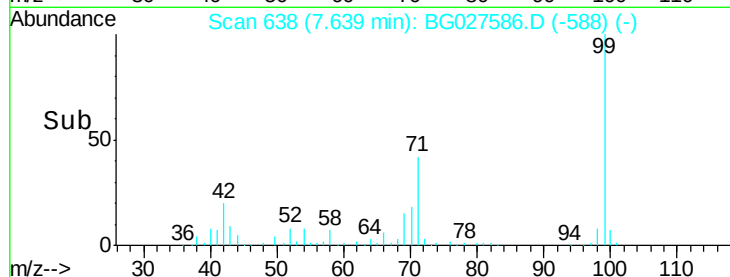
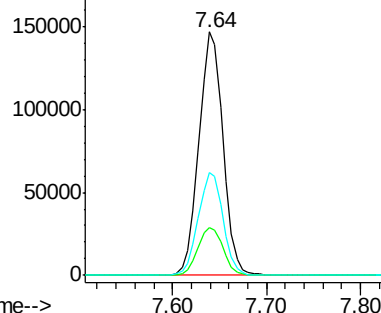
99 100

42 19.9 20.5 30.7#

71 42.4 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



#10

Phenol

Concen: 2.720 ng

RT: 7.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

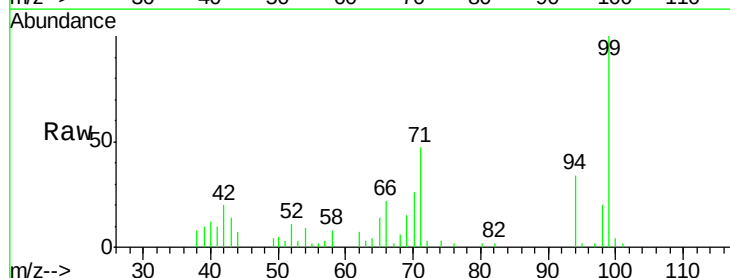
Tgt Ion: 94 Resp: 5583

Ion Ratio Lower Upper

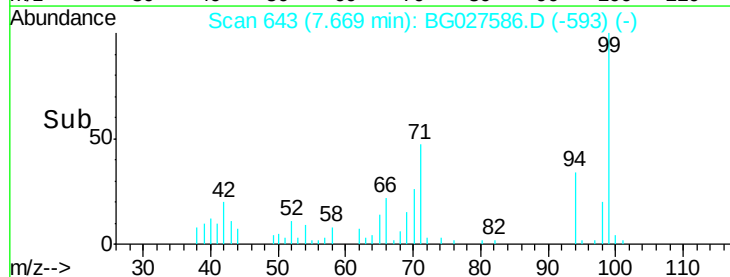
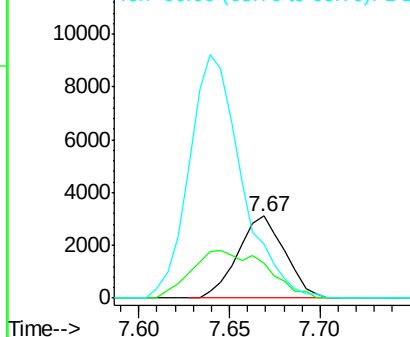
94 100

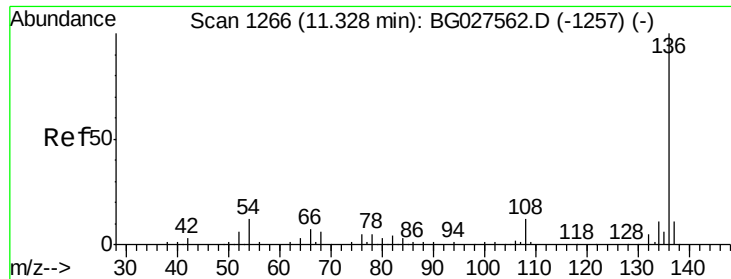
65 42.2 20.6 60.6

66 65.3 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

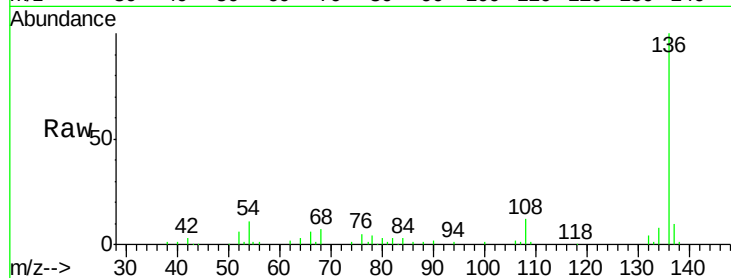




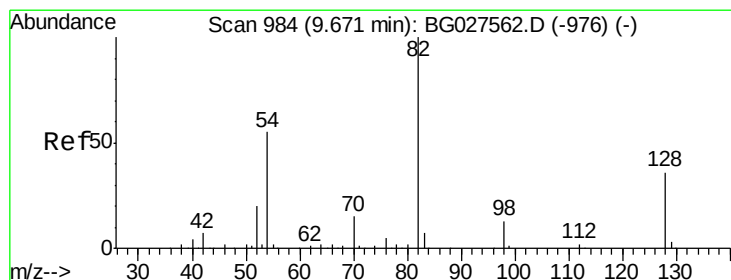
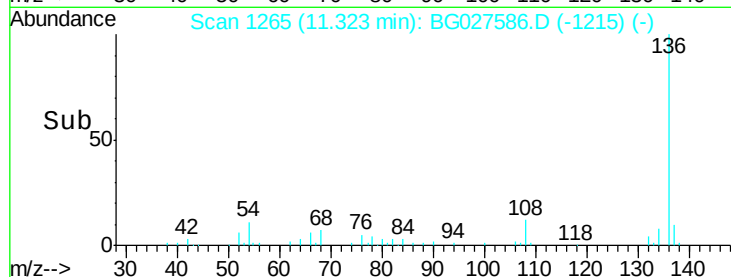
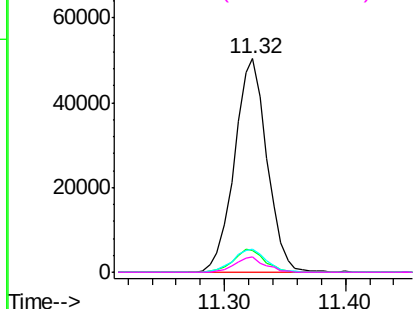
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Instrument :
BNA_G
ClientSampleId :
SB-09-30.5-31.0-DUP

Tgt Ion:	136	Resp:	94457
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	10.7	9.3	13.9
68	7.3	5.1	7.7

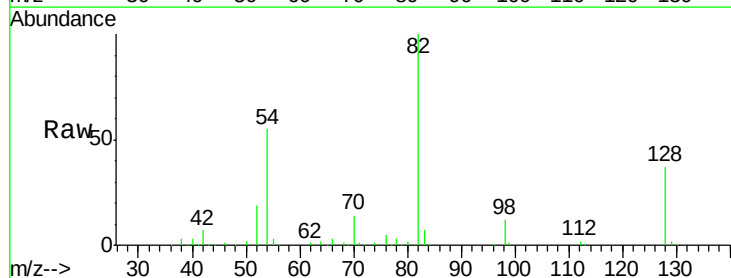


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

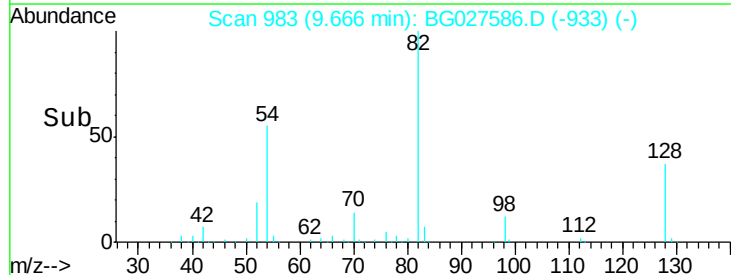
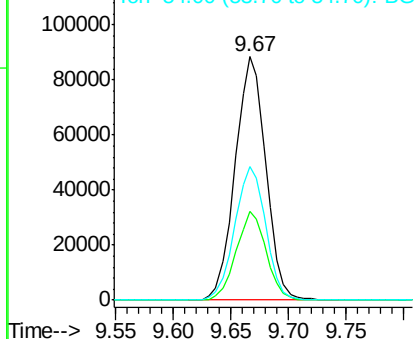


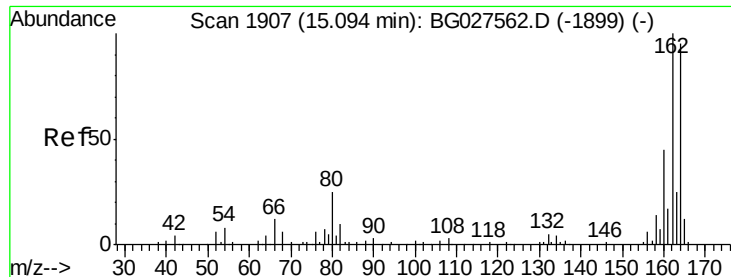
#23
Nitrobenzene-d5
Concen: 81.445 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Tgt Ion:	82	Resp:	162580
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	55.1	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.08 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

Instrument :

BNA_G

ClientSampleId :

SB-09-30.5-31.0-DUP

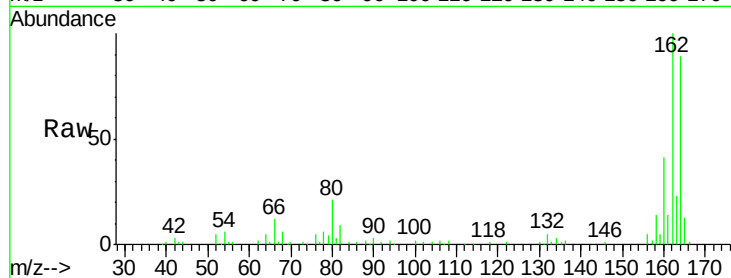
Tgt Ion:164 Resp: 59372

Ion Ratio Lower Upper

164 100

162 112.7 85.1 127.7

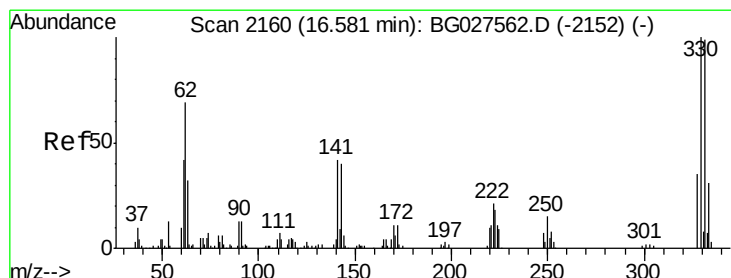
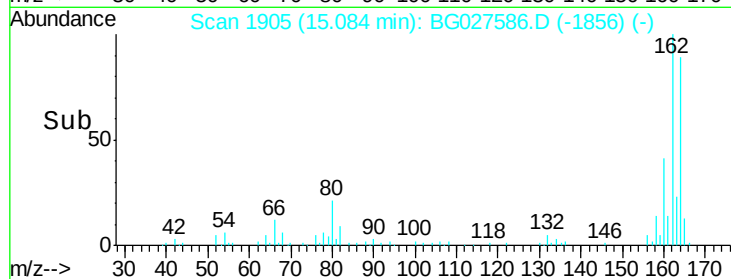
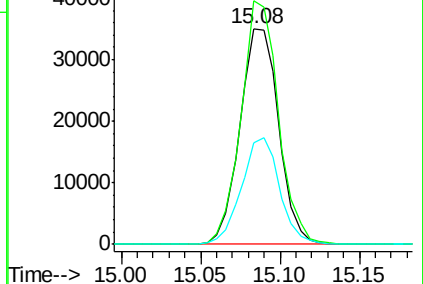
160 46.7 34.7 52.1



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: 150.102 ng

RT: 16.57 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

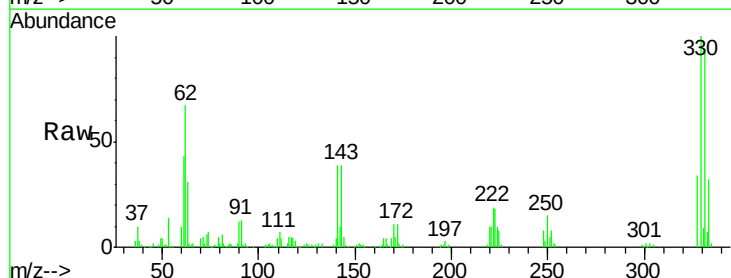
Tgt Ion:330 Resp: 132861

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

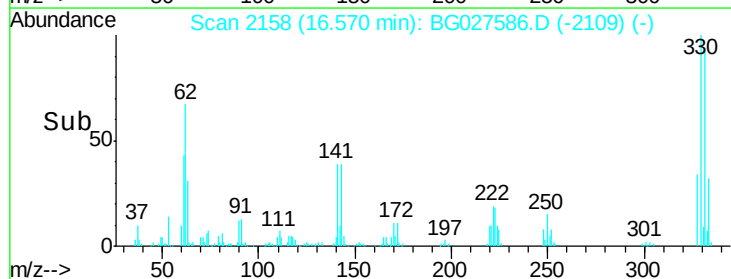
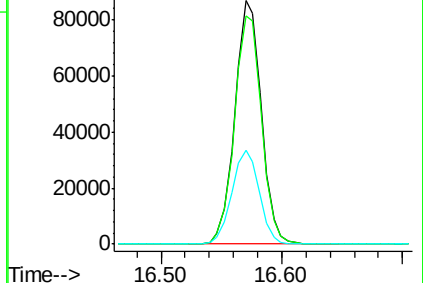
141 40.0 32.1 48.1

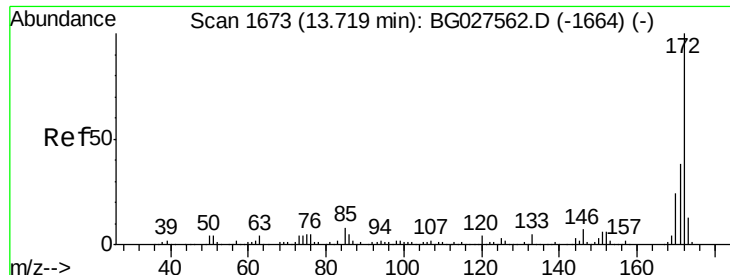


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

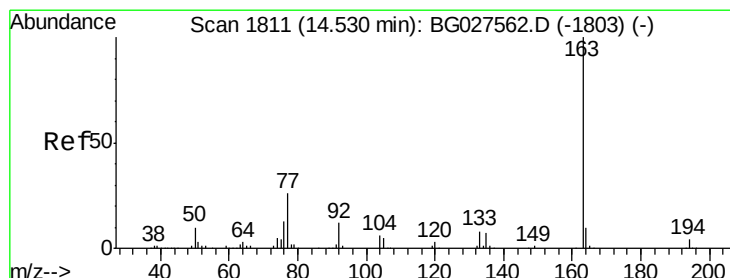
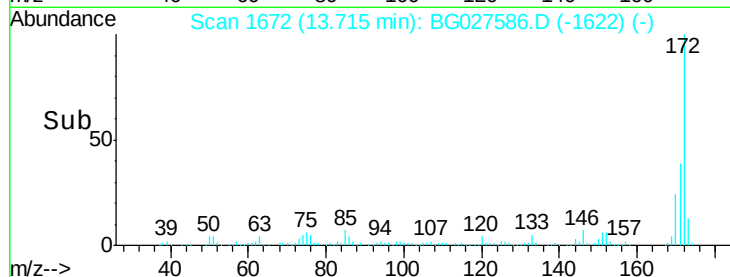
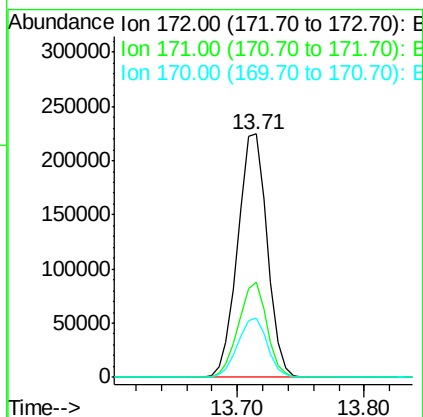
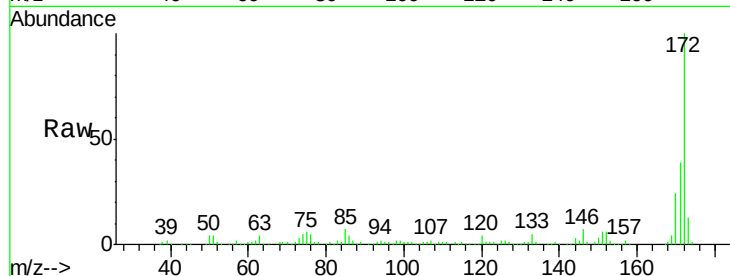




#44
2-Fluorobiphenyl
Concen: 83.188 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

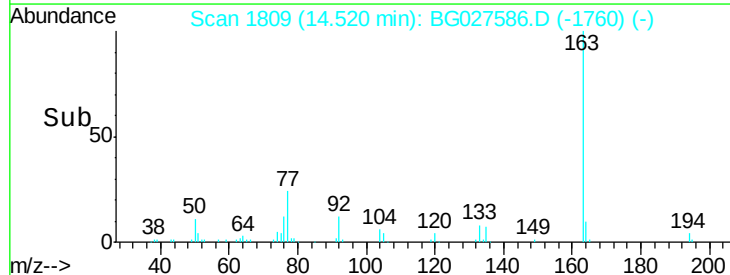
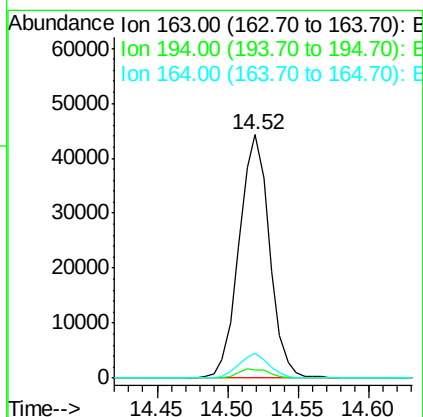
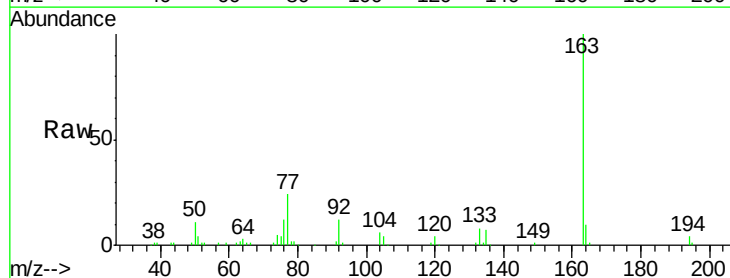
Instrument :
BNA_G
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SB-09-30.5-31.0-DUP

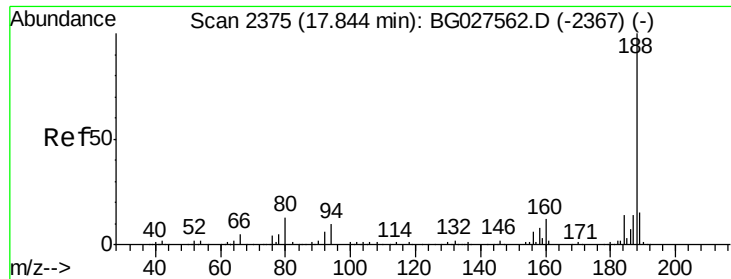
Tgt Ion:172 Resp: 361569
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 24.1 21.8 32.6



#49
Dimethylphthalate
Concen: 12.833 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Tgt Ion:163 Resp: 66713
Ion Ratio Lower Upper
163 100
194 3.5 3.8 5.6#
164 10.3 9.3 13.9

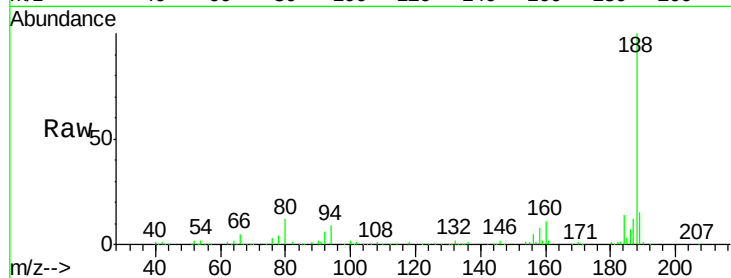




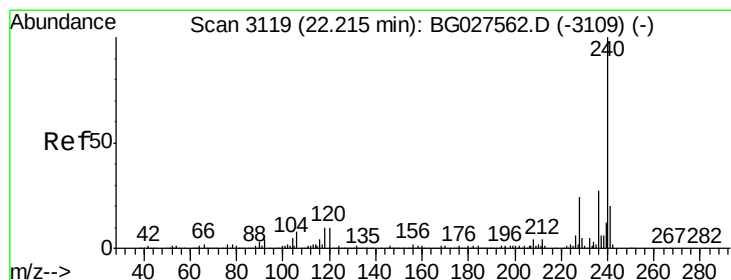
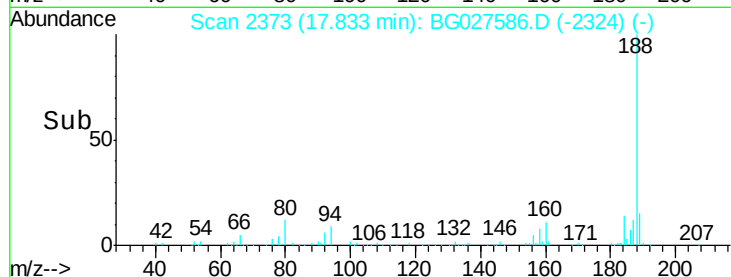
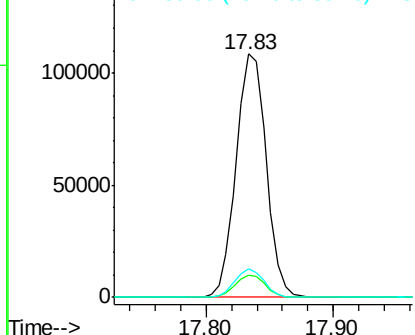
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-30.5-31.0-DUP

Tgt Ion:188 Resp: 178580
 Ion Ratio Lower Upper
 188 100
 94 9.2 5.8 8.8#
 80 11.7 7.5 11.3#

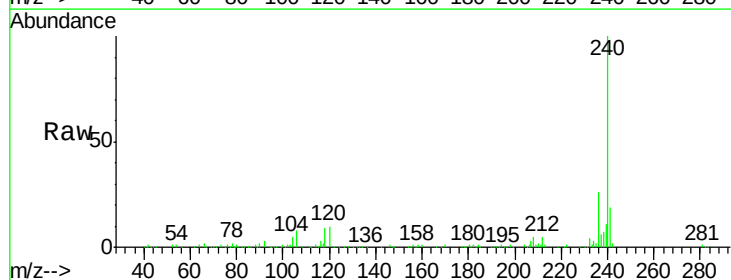


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

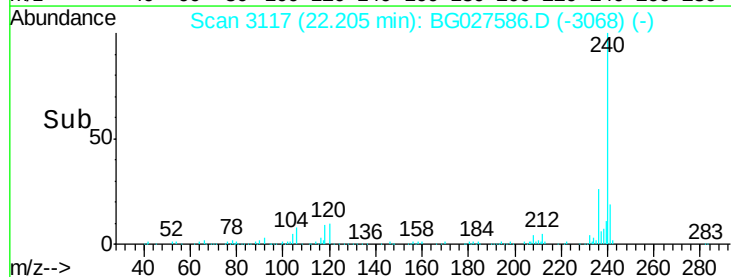
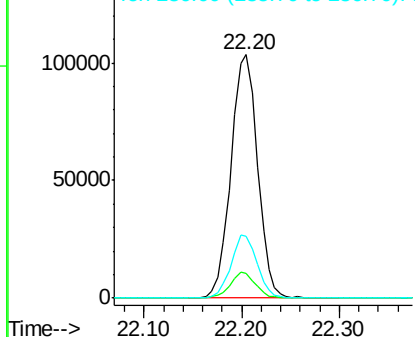


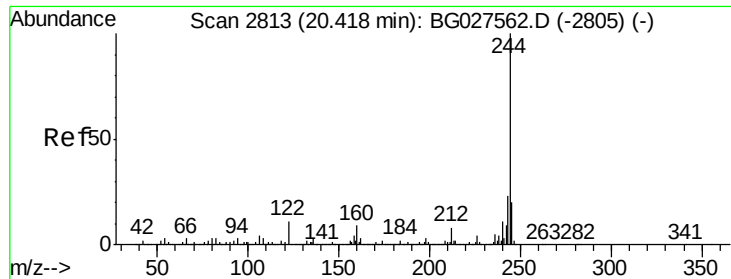
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Tgt Ion:240 Resp: 196987
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.7 8.5#
 236 25.7 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: 92.083 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

Instrument :

BNA_G

ClientSampleId :

SB-09-30.5-31.0-DUP

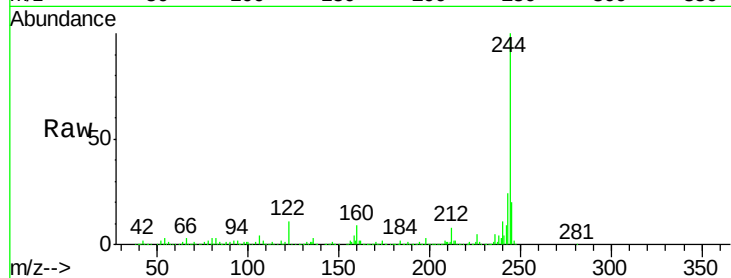
Tgt Ion:244 Resp: 769883

Ion Ratio Lower Upper

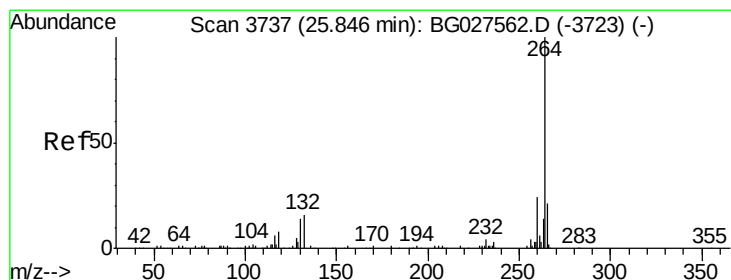
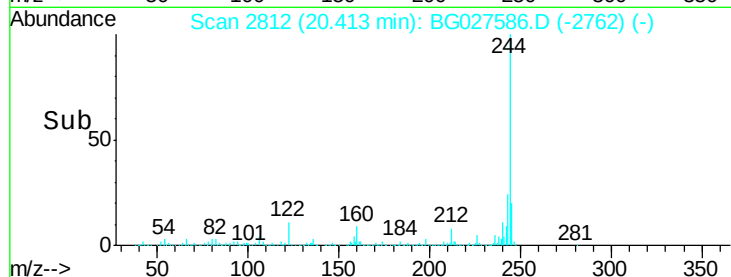
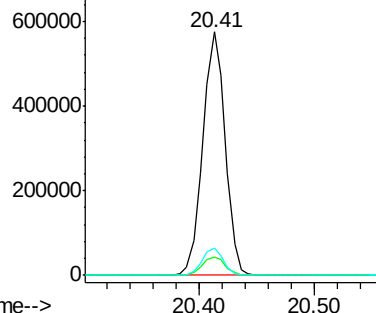
244 100

212 7.7 10.0 15.0#

122 11.2 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

Perylene-d12

Concen: 20.000 ng

RT: 25.84 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

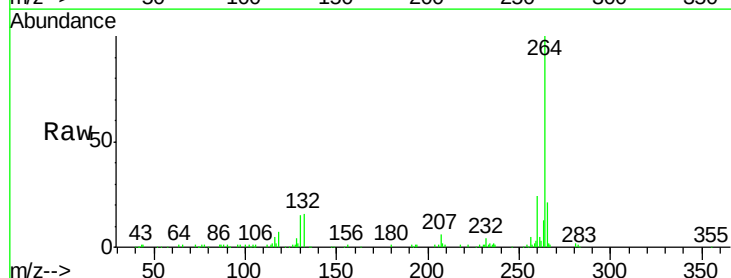
Tgt Ion:264 Resp: 187118

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 20.8 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

