

Data File : BG025941.D
Acq On : 24 Feb 2017 20:59
Operator : SJ/MA
Sample : I1980-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2R

Quant Time: Feb 24 22:41:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	77849	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	368585	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	249158	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	688081	20.00	ng	0.00
75) Chrysene-d12	21.66	240	726485	20.00	ng	-0.02
86) Perylene-d12	24.86	264	696216	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	443186	99.11	ng	0.00
7) Phenol-d6	7.24	99	447559	67.64	ng	0.00
23) Nitrobenzene-d5	9.23	82	539338	92.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	484635	210.53	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1506212	105.63	ng	-0.01
78) Terphenyl-d14	20.01	244	2208330	73.93	ng	-0.01
Target Compounds						
35) Caprolactam	11.76	113	10986	5.17	ng	Qvalue # 86
49) Dimethylphthalate	14.13	163	166197	9.72	ng	97

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

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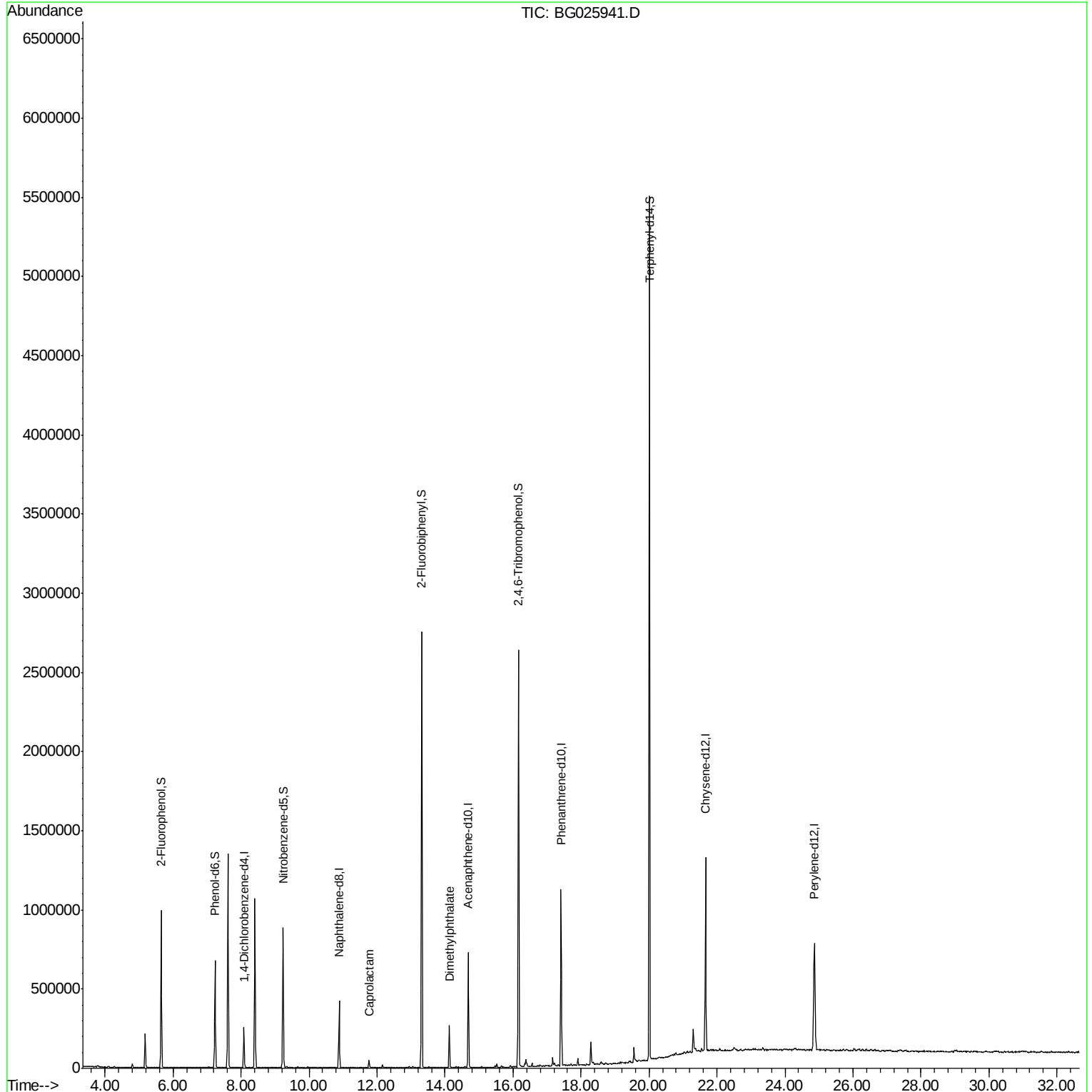
Quant Time: Feb 24 22:41:54 2017

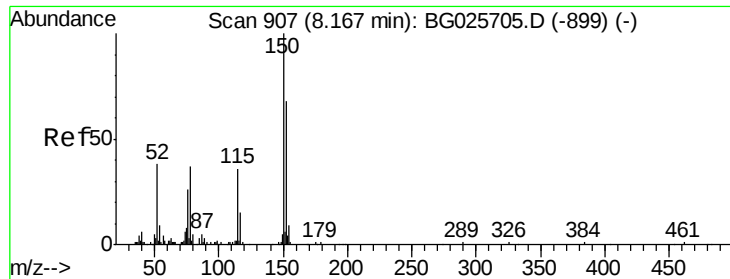
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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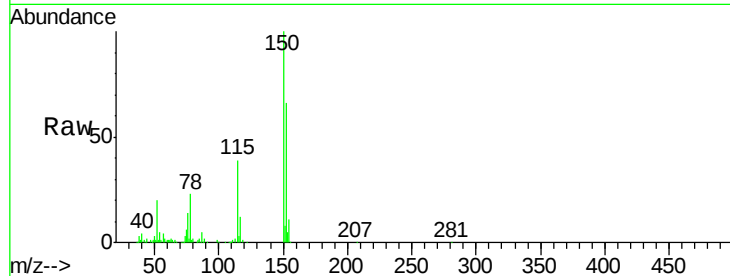


#1

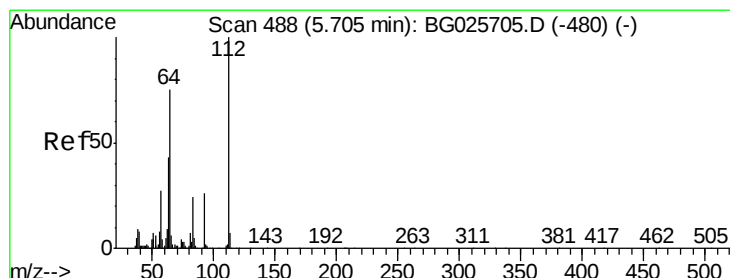
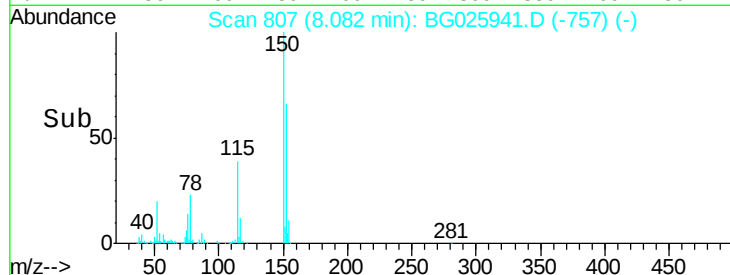
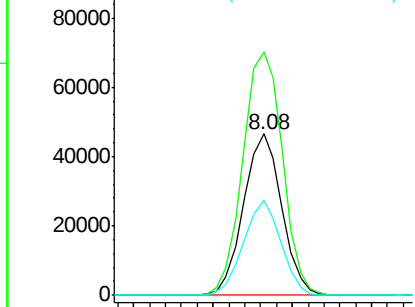
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Instrument :
BNA_G
ClientSampleId :
MW-2R

Tgt Ion:152 Resp: 77849
Ion Ratio Lower Upper
152 100
150 150.6 114.0 171.0
115 58.8 48.1 72.1



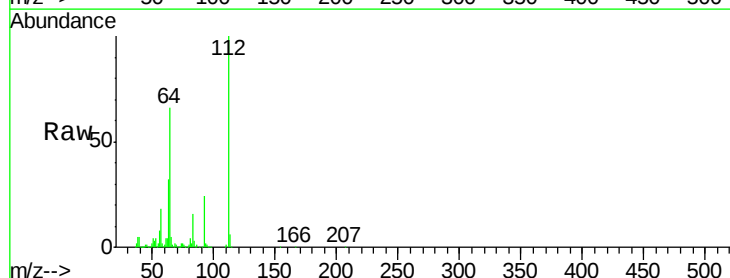
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



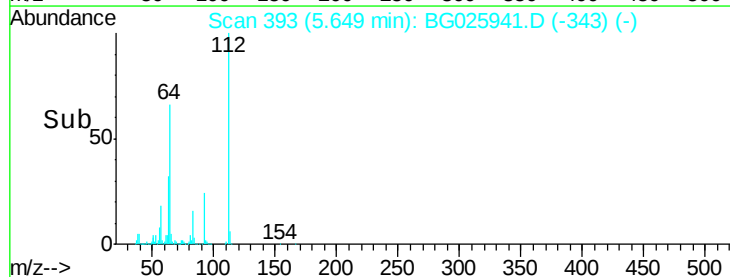
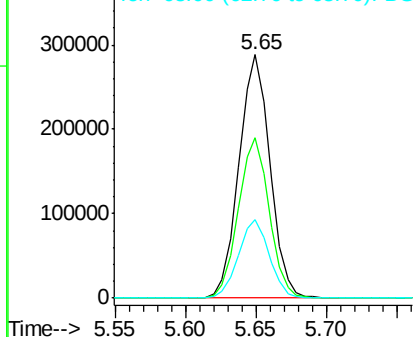
#5

2-Fluorophenol
Concen: 99.11 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Tgt Ion:112 Resp: 443186
Ion Ratio Lower Upper
112 100
64 65.9 61.8 92.6
63 32.5 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: 67.64 ng

RT: 7.24 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

BNA_G

ClientSampleId :

MW-2R

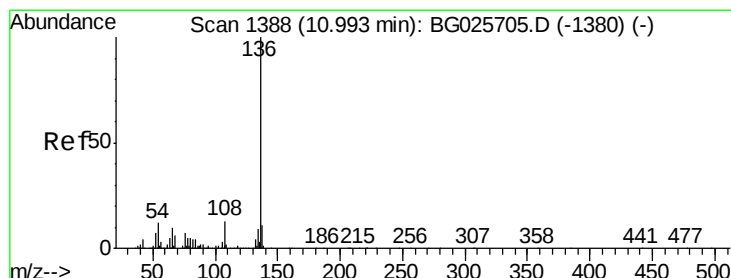
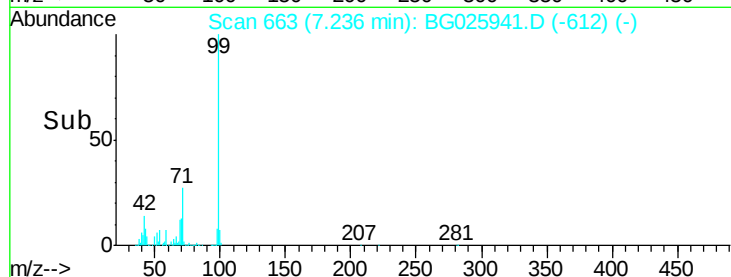
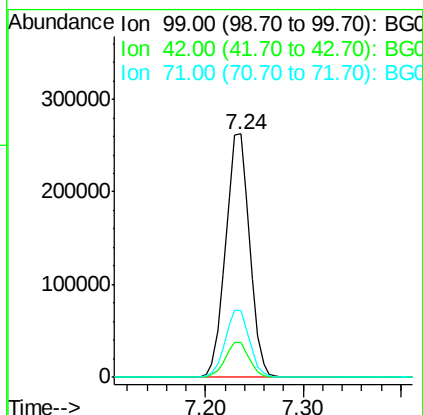
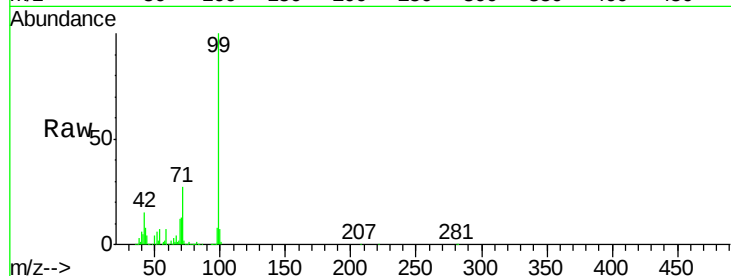
Tgt Ion: 99 Resp: 447559

Ion Ratio Lower Upper

99 100

42 14.5 20.5 30.7#

71 27.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Tgt Ion: 136 Resp: 368585

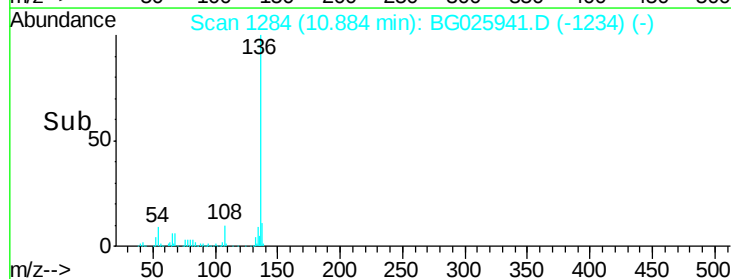
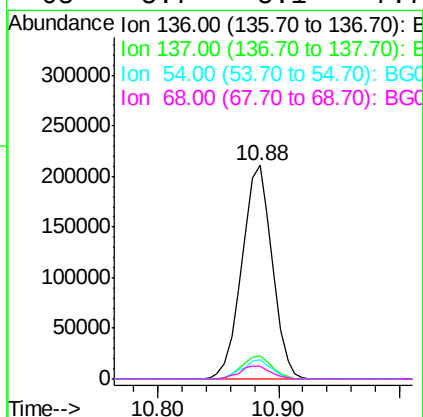
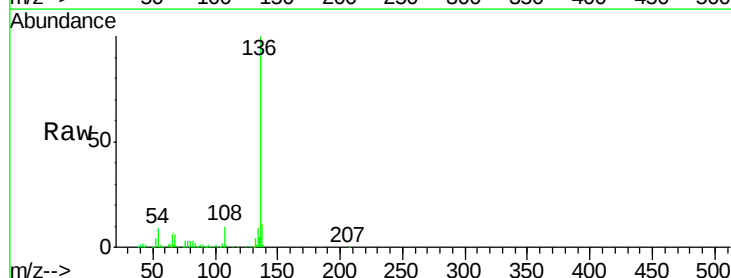
Ion Ratio Lower Upper

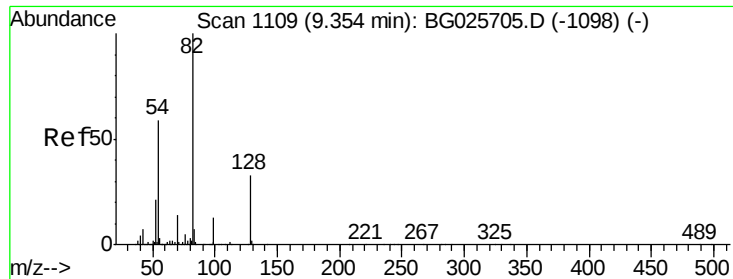
136 100

137 11.0 8.9 13.3

54 9.0 9.3 13.9#

68 5.7 5.1 7.7

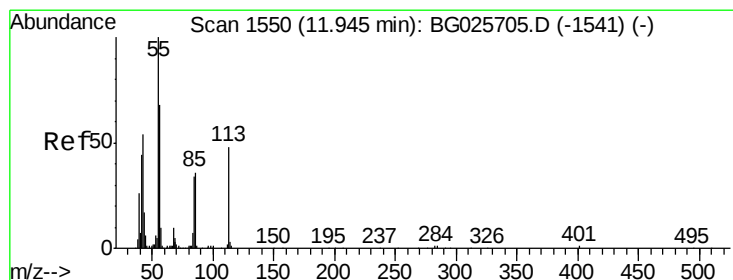
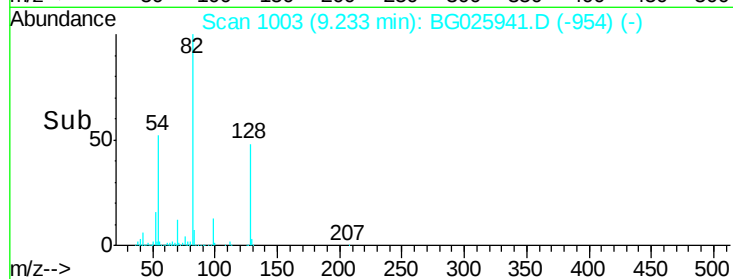
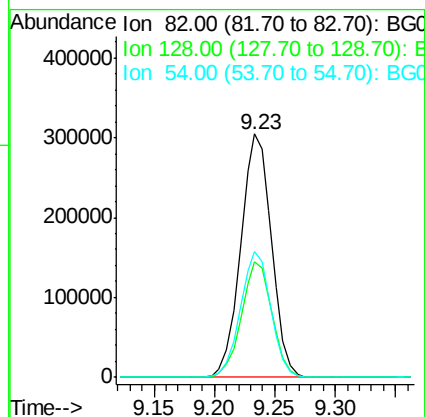
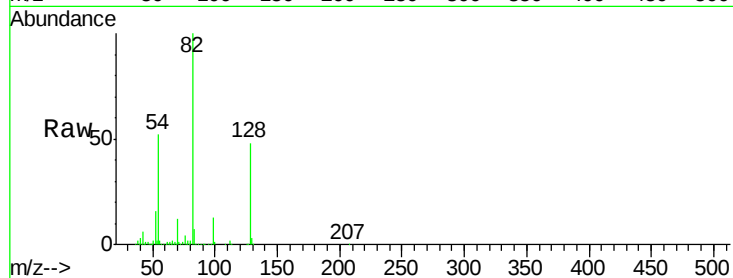




#23
 Nitrobenzene-d5
 Concen: 92.34 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

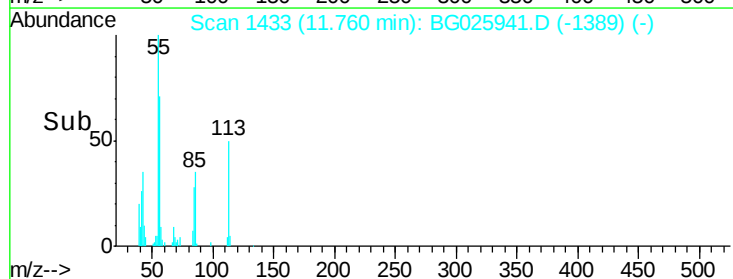
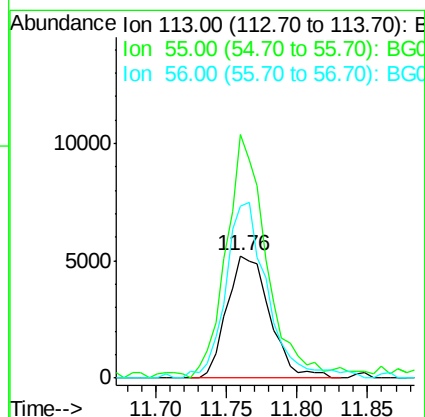
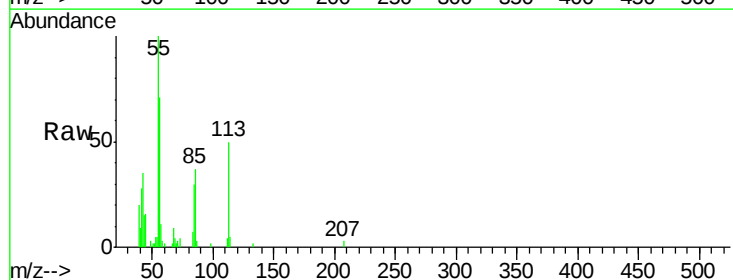
Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

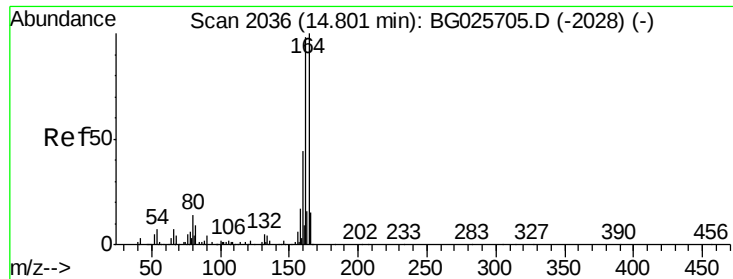
Tgt Ion: 82 Resp: 539338
 Ion Ratio Lower Upper
 82 100
 128 47.6 26.4 39.6#
 54 51.6 49.4 74.2



#35
 Caprolactam
 Concen: 5.17 ng
 RT: 11.76 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BG025941.D
 Acq: 24 Feb 2017 20:59

Tgt Ion: 113 Resp: 10986
 Ion Ratio Lower Upper
 113 100
 55 198.6 198.6 238.6
 56 140.2 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

BNA_G

ClientSampleId :

MW-2R

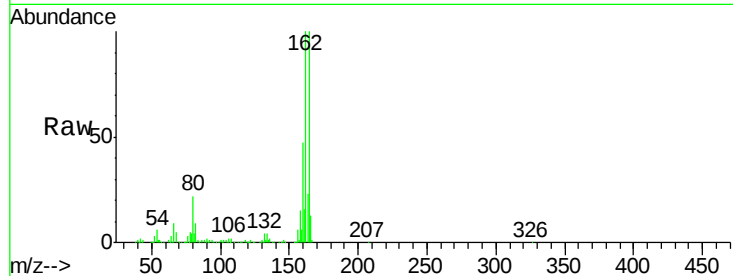
Tgt Ion:164 Resp: 249158

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

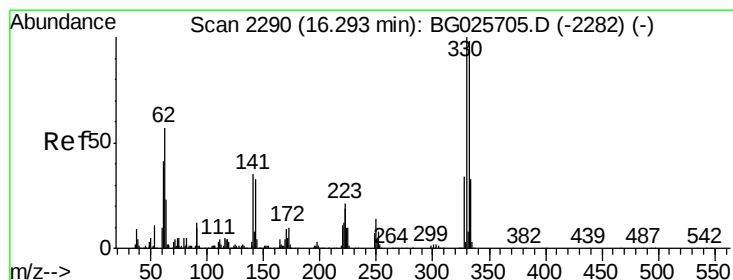
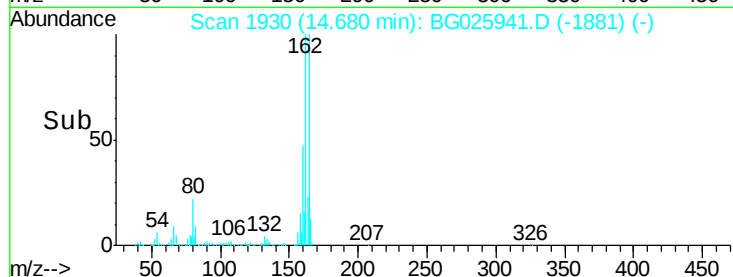
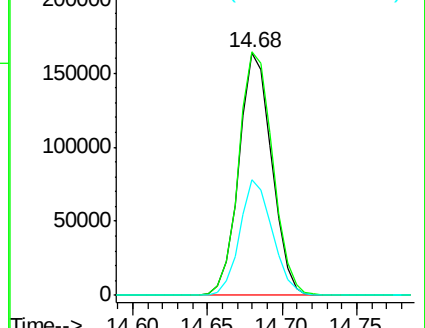
160 47.4 34.7 52.1



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: 210.53 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

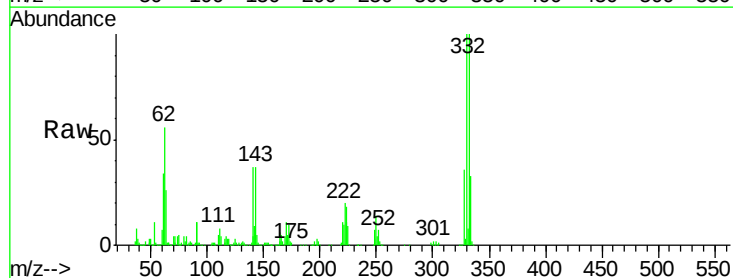
Tgt Ion:330 Resp: 484635

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

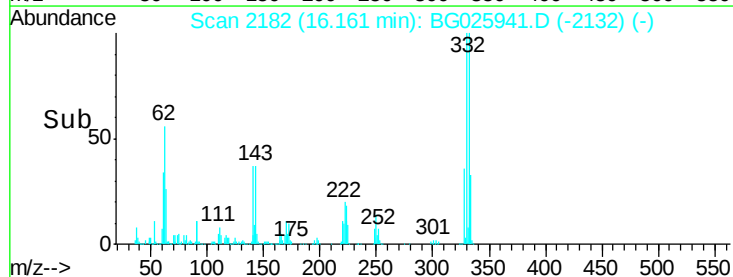
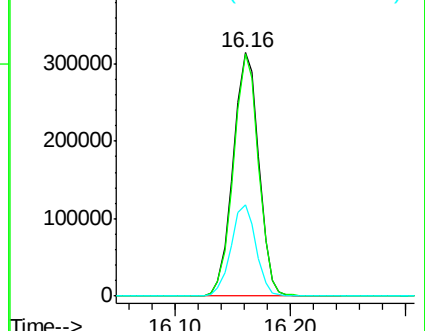
141 36.4 32.1 48.1

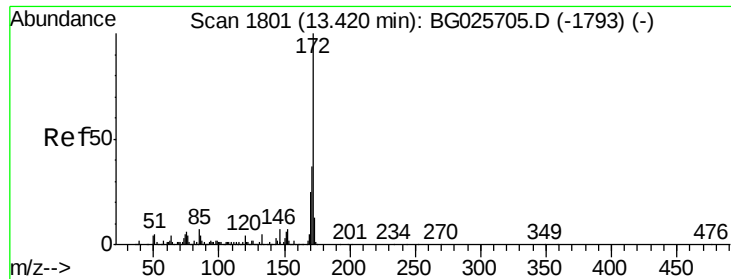


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 105.63 ng

RT: 13.31 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

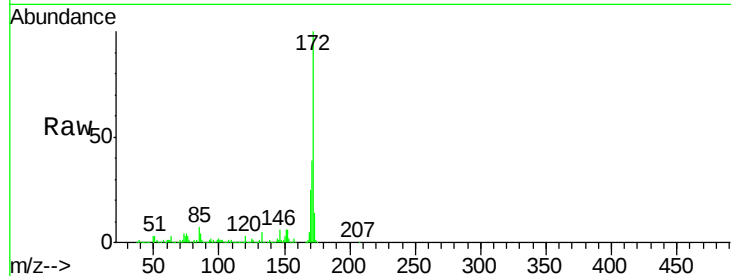
BNA_G

ClientSampleId :

MW-2R

Tgt Ion:172 Resp: 1506212

Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	24.8	21.8	32.6

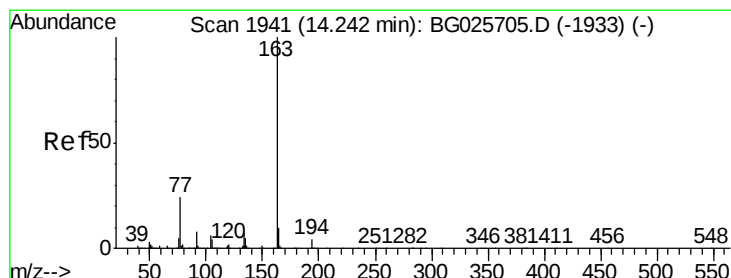
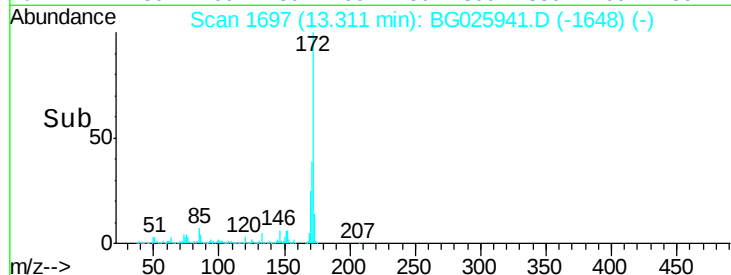
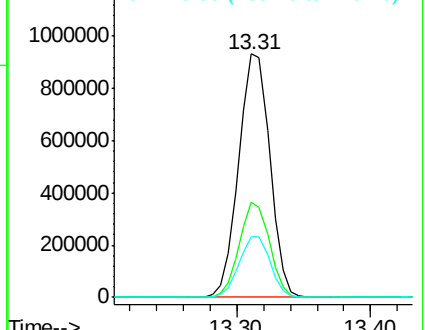


Abundance

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



#49

Dimethylphthalate

Concen: 9.72 ng

RT: 14.13 min Scan# 1836

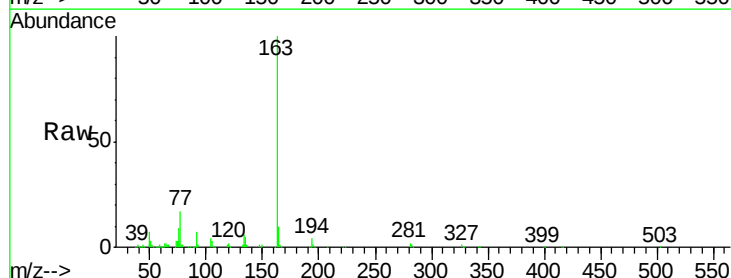
Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Tgt Ion:163 Resp: 166197

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.1	9.3	13.9

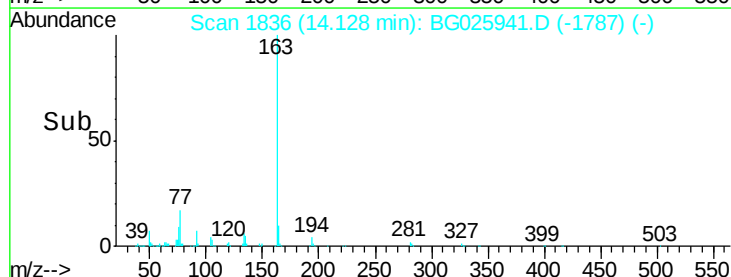
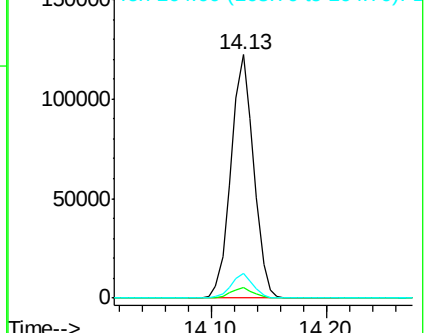


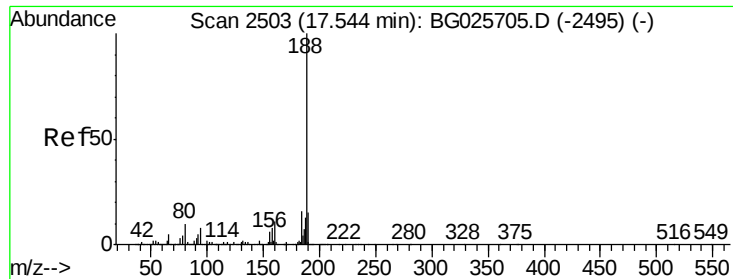
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

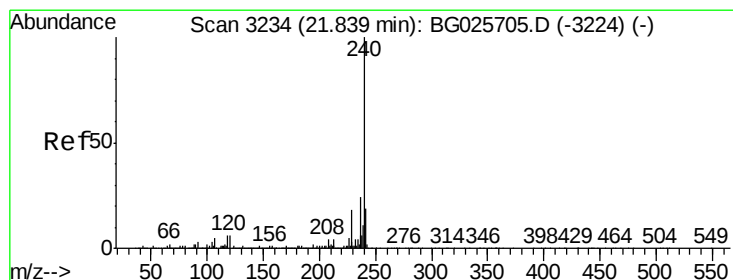
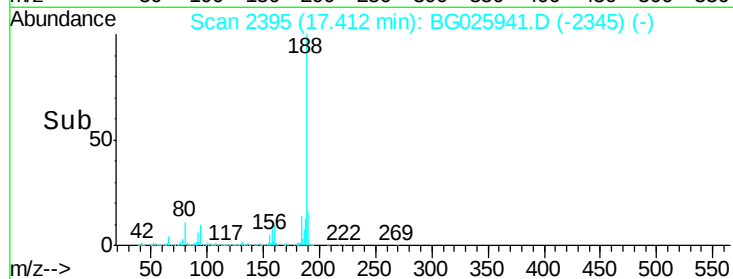
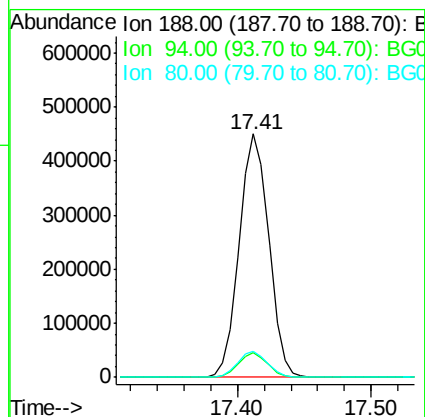
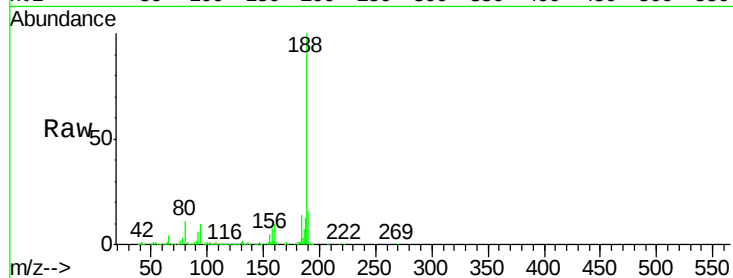




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

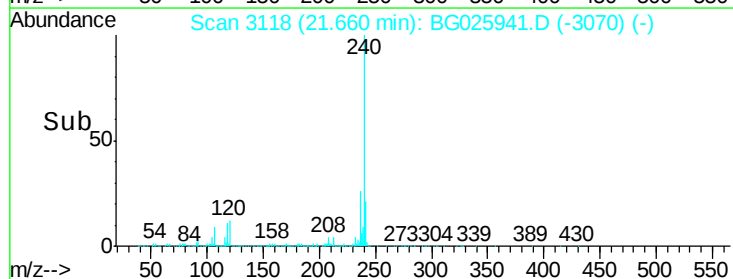
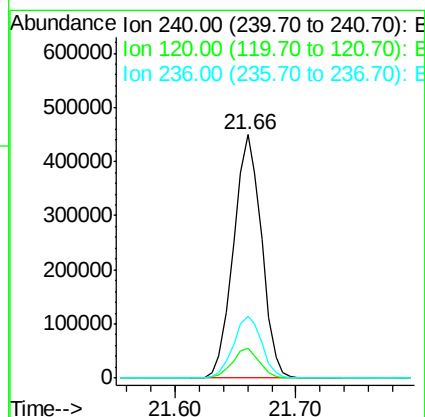
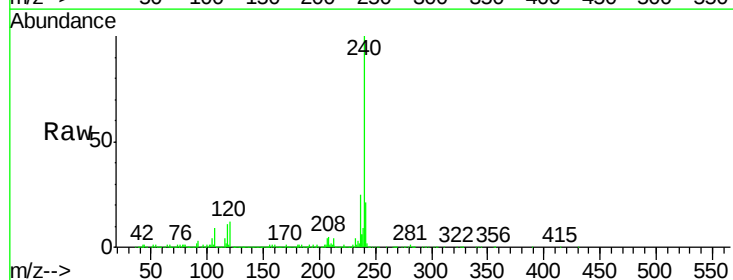
Instrument :
BNA_G
ClientSampleId :
MW-2R

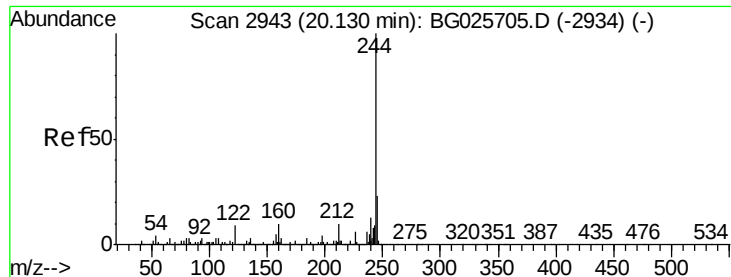
Tgt Ion:188 Resp: 688081
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 10.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025941.D
Acq: 24 Feb 2017 20:59

Tgt Ion:240 Resp: 726485
Ion Ratio Lower Upper
240 100
120 12.2 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 73.93 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Instrument :

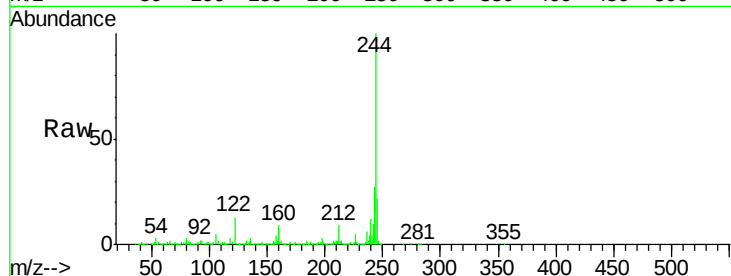
BNA_G

ClientSampleId :

MW-2R

Tgt Ion:244 Resp: 2208330

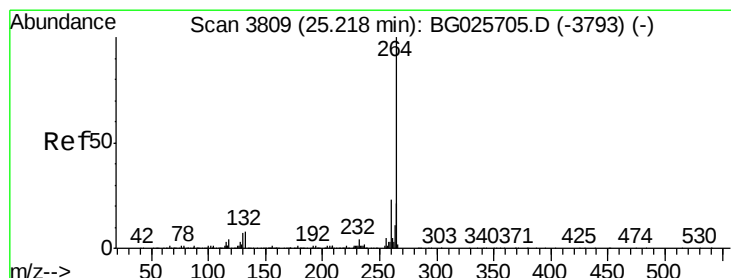
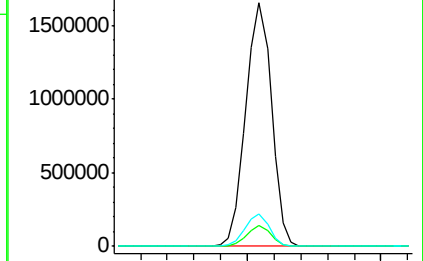
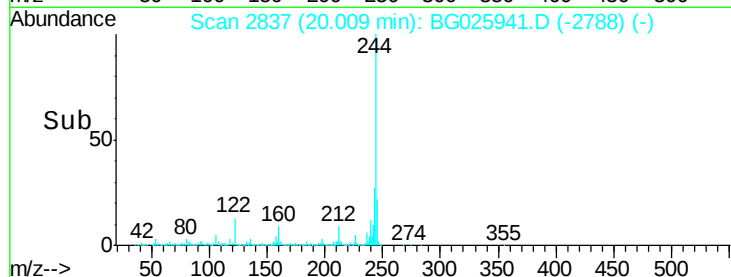
Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	13.5	8.6	12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.86 min Scan# 3663

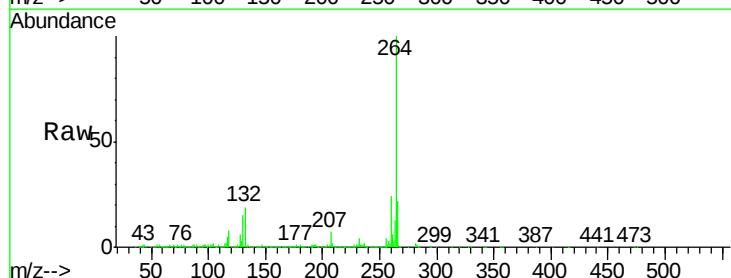
Delta R.T. -0.02 min

Lab File: BG025941.D

Acq: 24 Feb 2017 20:59

Tgt Ion:264 Resp: 696216

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.8	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

