

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022611.D
 Acq On : 26 Jun 2016 15:24
 Operator : UM/SJ
 Sample : H3766-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:11:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

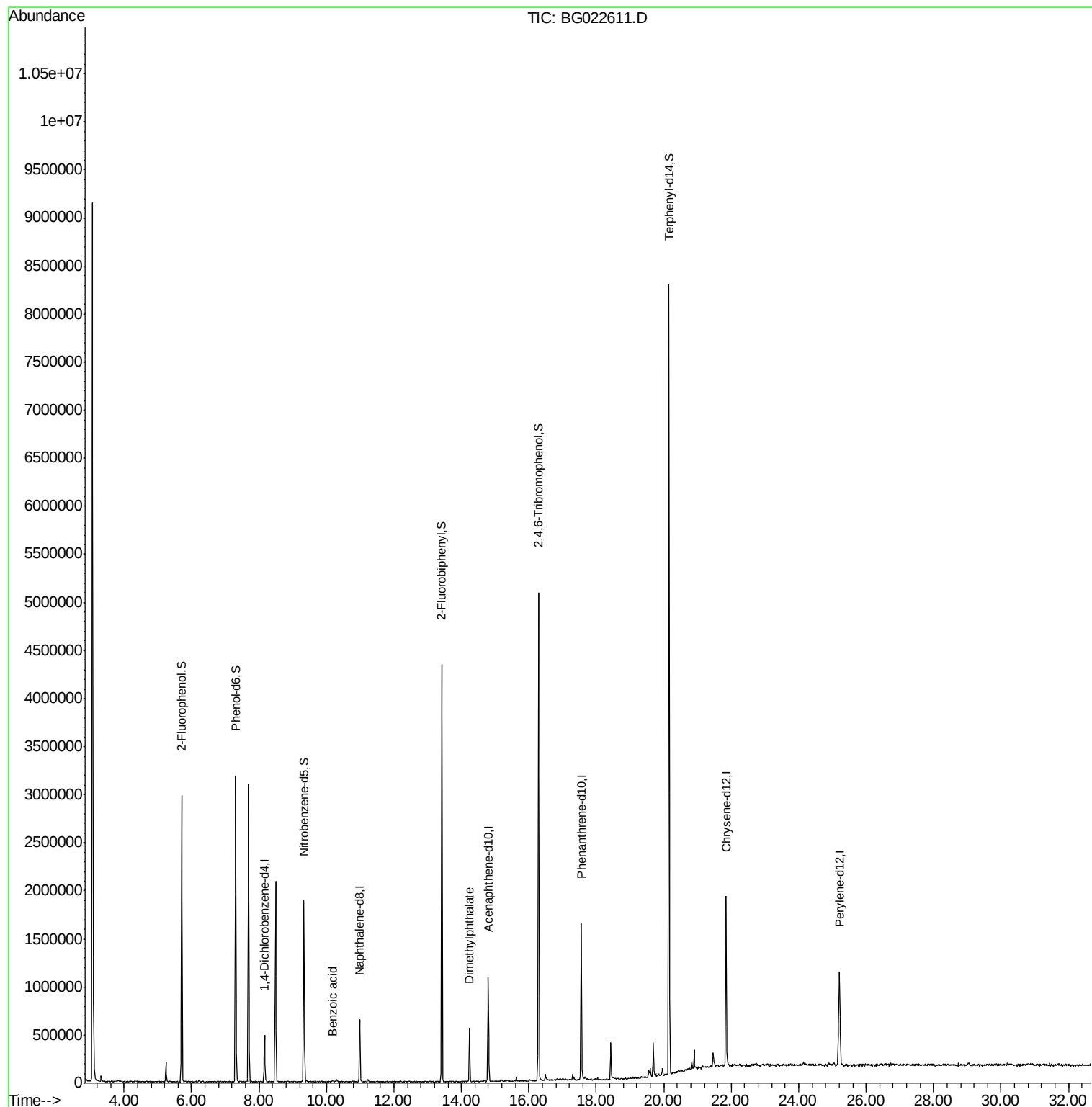
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	125775	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	521066	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365101	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	957526	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1099734	20.00	ng	0.00
86) Perylene-d12	25.21	264	1137807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1172911	149.58	ng	0.00
7) Phenol-d6	7.31	99	1701525	153.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	1212358	98.47	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	921928	160.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2068815	89.86	ng	0.00
78) Terphenyl-d14	20.16	244	2977880	71.74	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	3667	5.65	ng	# 65
49) Dimethylphthalate	14.24	163	339575	11.21	ng	# 96

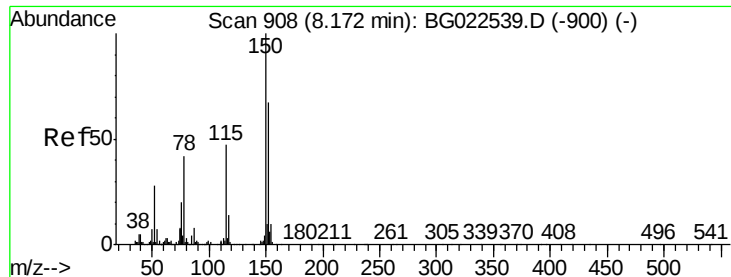
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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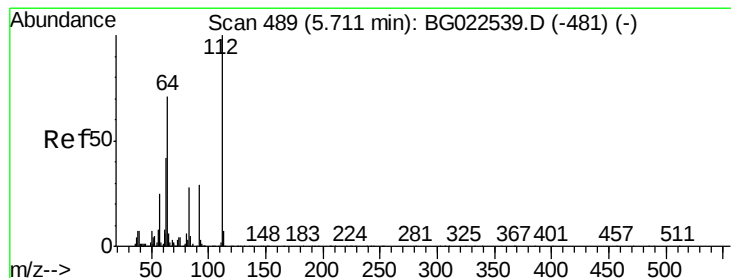
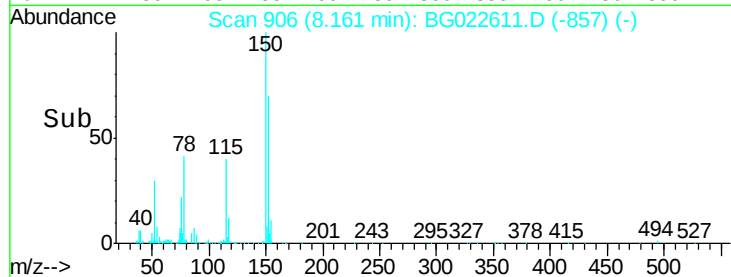
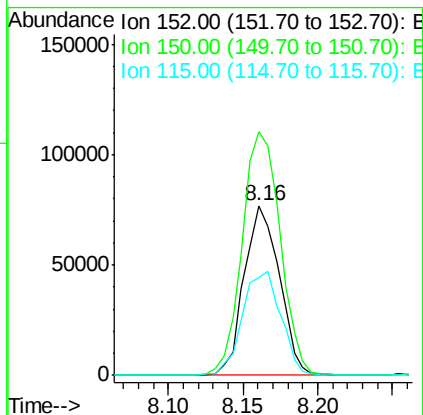
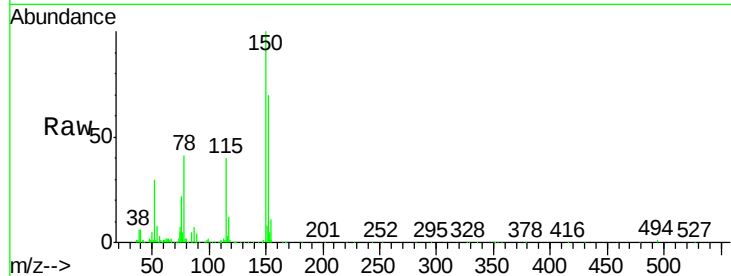


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Instrument :
BNA_G
ClientSampled :

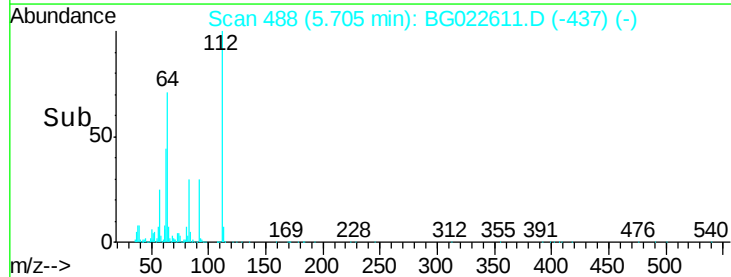
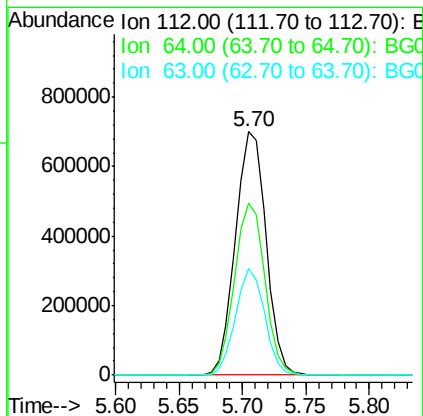
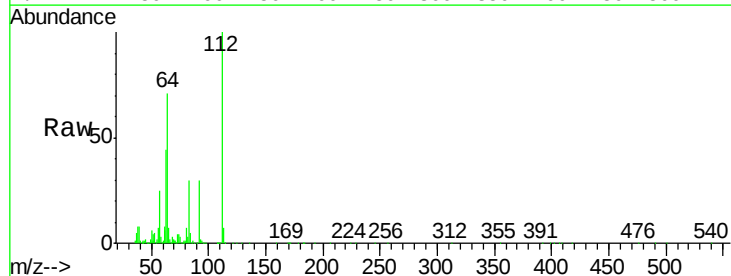
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	144.7	217.1#
115	57.7	64.0	96.0#

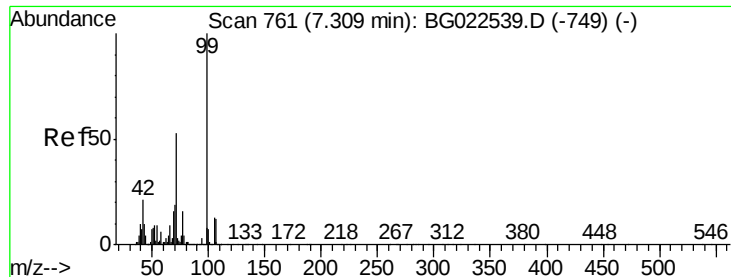


#5

2-Fluorophenol
Concen: 149.58 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	59.0	88.4
63	43.7	37.8	56.8





#7

Phenol-d6

Concen: 153.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

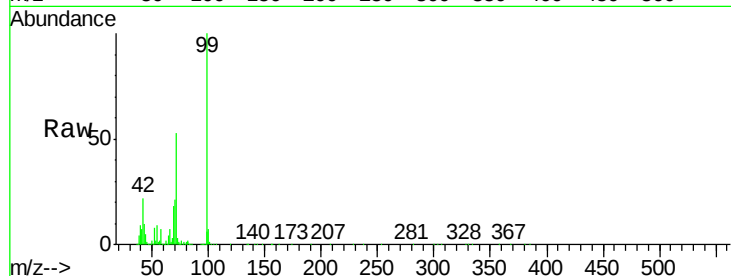
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1701525

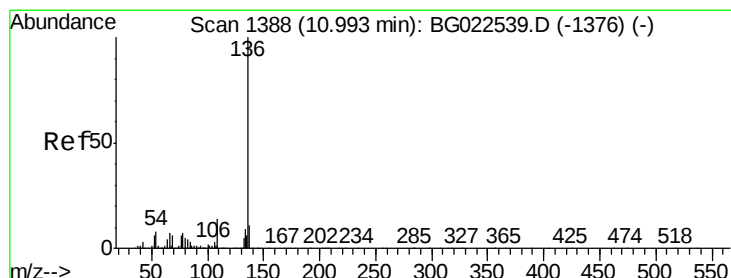
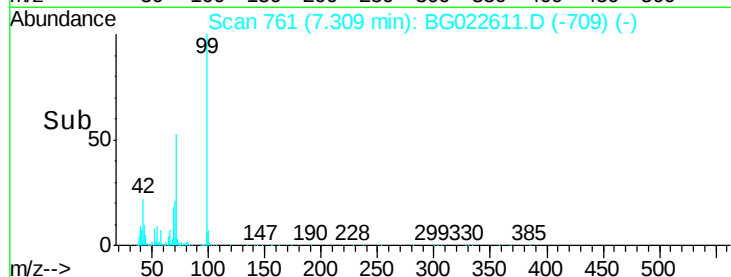
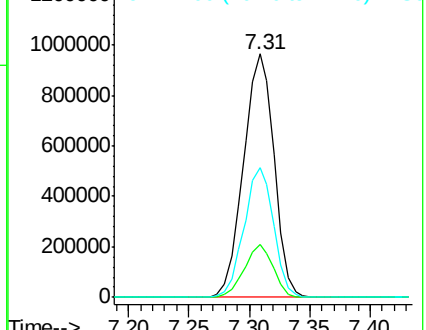
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.8	26.6
71	53.3	41.5	62.3



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: 10.99 min Scan# 1387

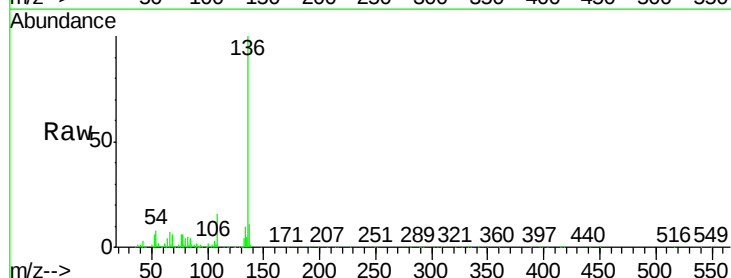
Delta R.T. -0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Tgt Ion: 136 Resp: 521066

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.5	7.3	10.9
68	5.6	5.3	7.9

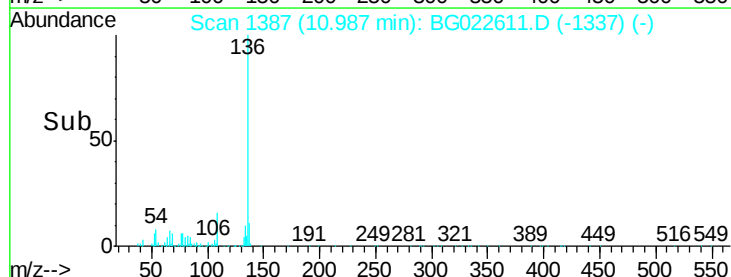
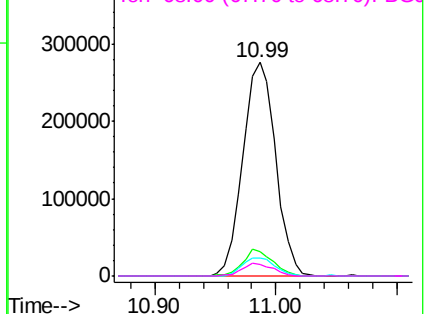


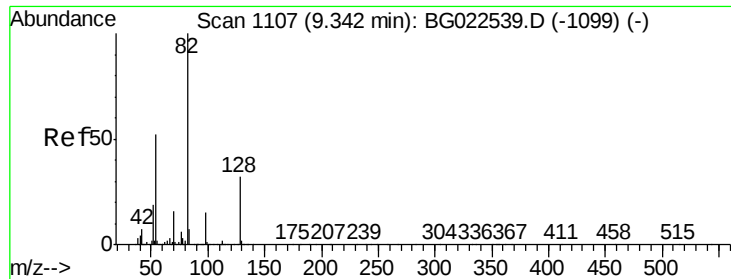
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

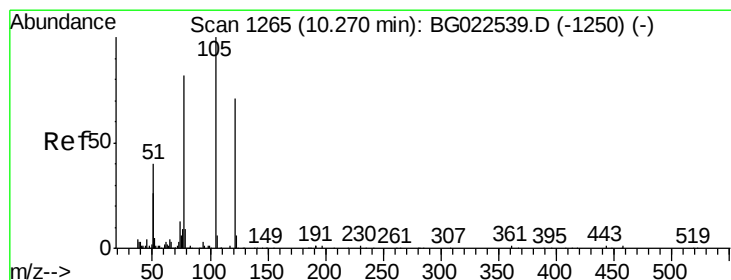
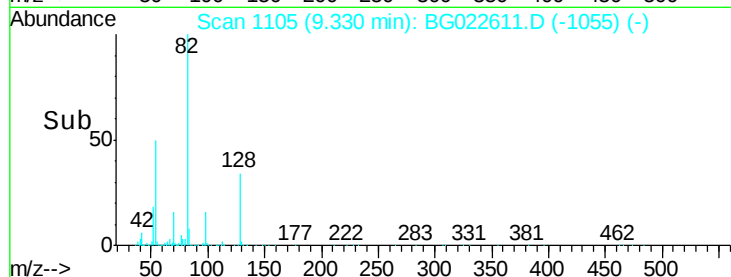
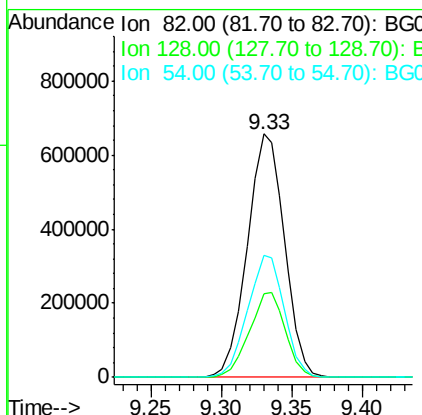
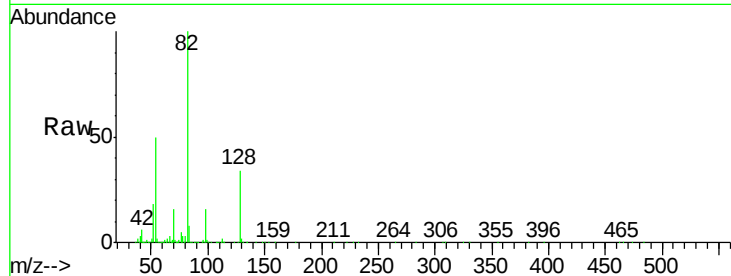




#23
Nitrobenzene-d5
Concen: 98.47 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

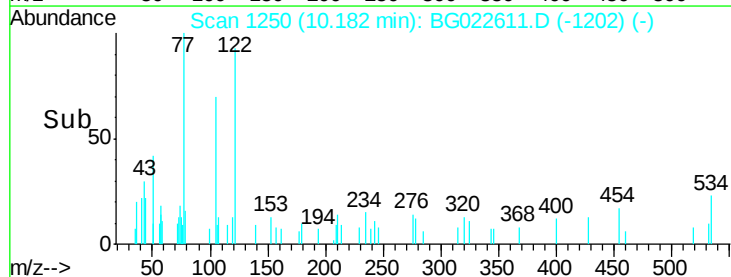
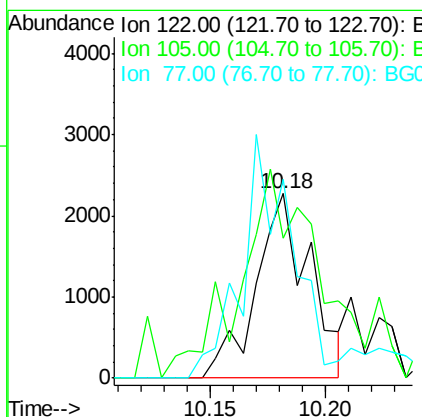
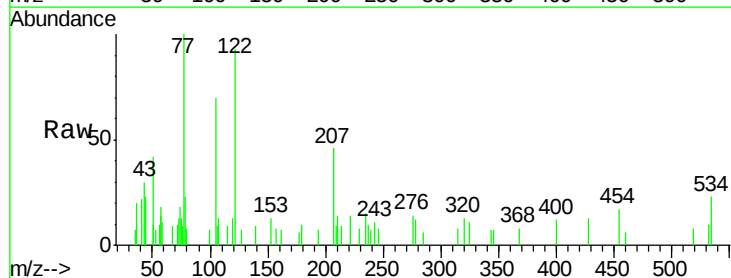
Instrument :
BNA_G
ClientSampleId :

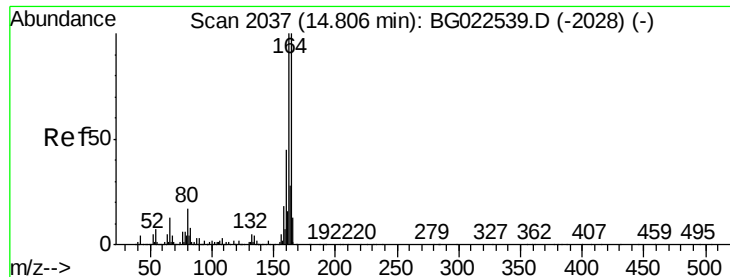
Tot Ion: 82 Resp: 1212358
Ion Ratio Lower Upper
82 100
128 34.2 24.4 36.6
54 50.2 41.4 62.0



#32
Benzoic acid
Concen: 5.65 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Tgt Ion: 122 Resp: 3667
Ion Ratio Lower Upper
122 100
105 75.7 117.2 157.2#
77 108.1 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Instrument :

BNA_G

ClientSampleId :

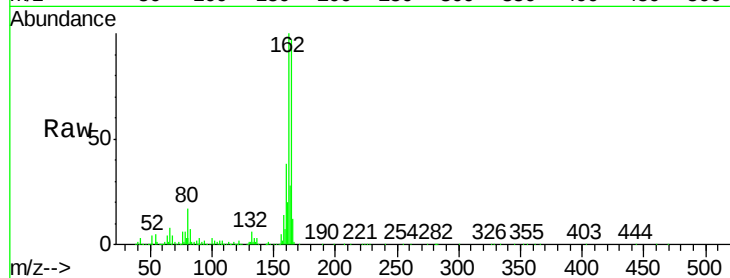
Tot Ion:164 Resp: 365101

Ion Ratio Lower Upper

164 100

162 102.9 87.7 131.5

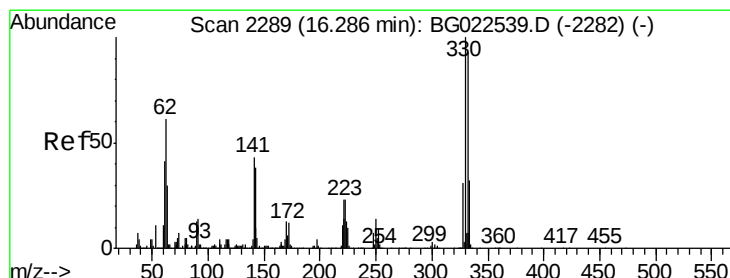
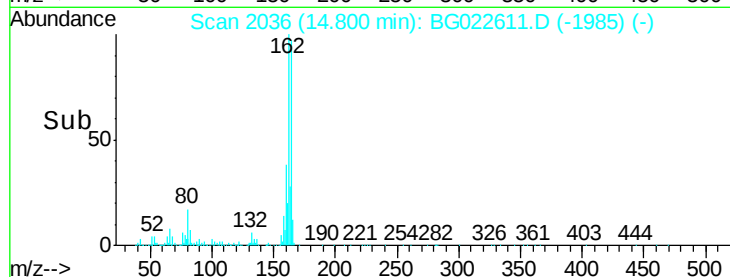
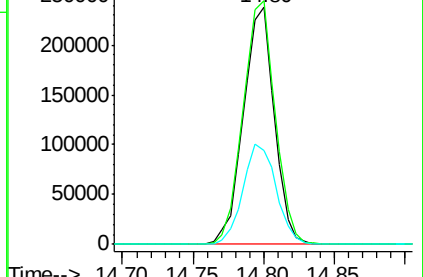
160 39.5 37.2 55.8



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: 160.54 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

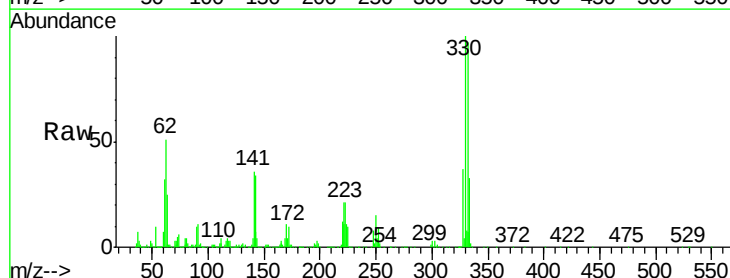
Tgt Ion:330 Resp: 921928

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

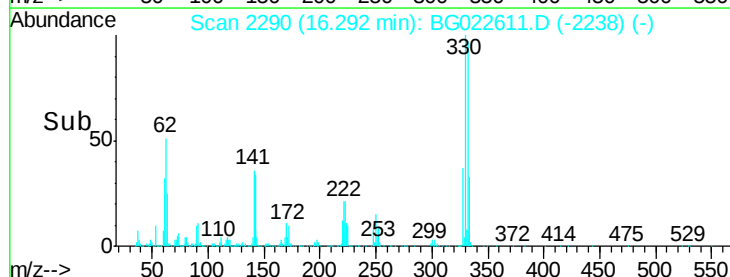
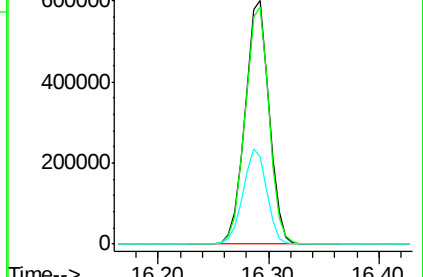
141 38.5 31.7 47.5

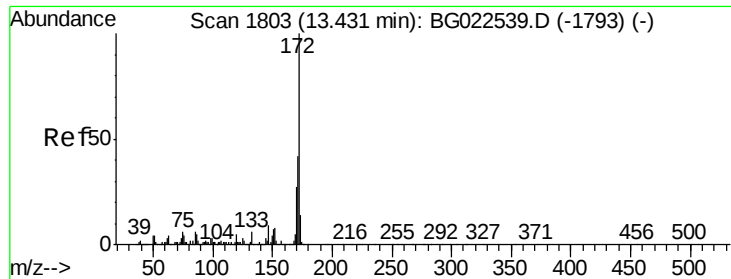


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

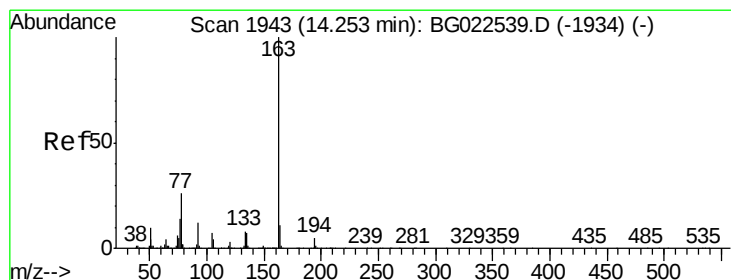
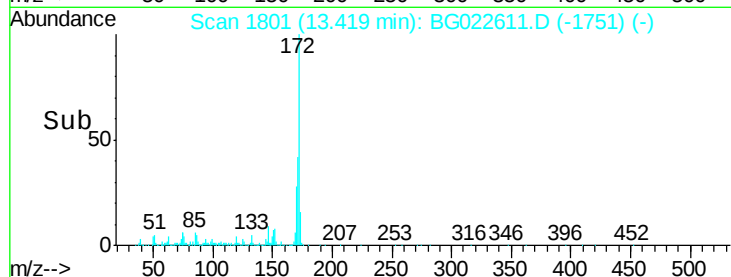
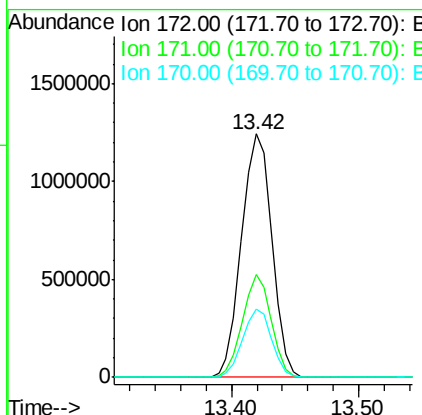
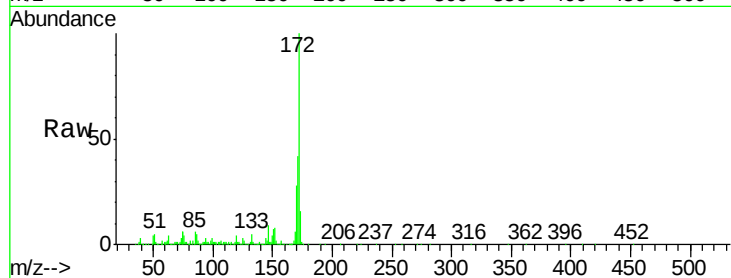




#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

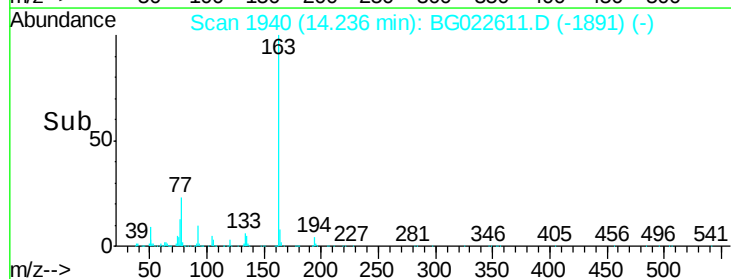
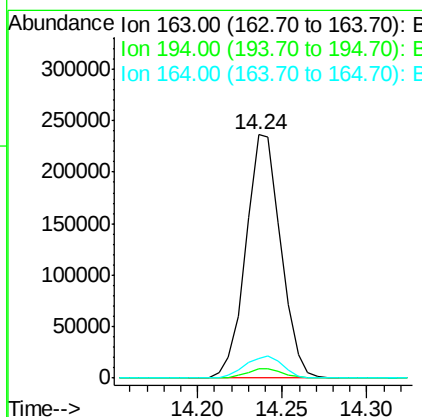
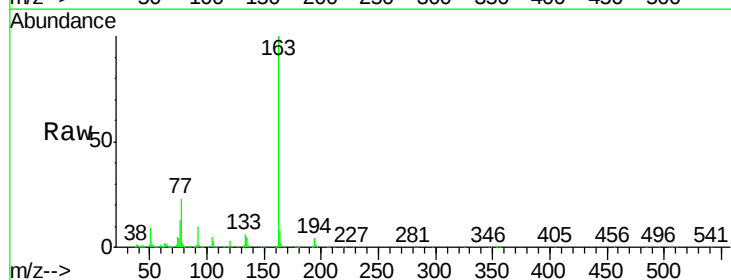
Instrument :
BNA_G
ClientSampleId :

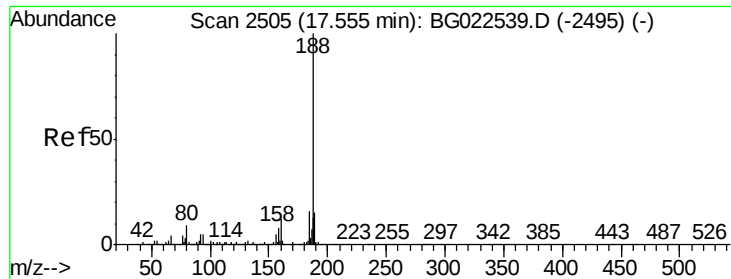
Tot Ion:172 Resp: 2068815
Ion Ratio Lower Upper
172 100
171 42.4 31.6 47.4
170 28.1 21.3 31.9



#49
Dimethylphthalate
Concen: 11.21 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Tgt Ion:163 Resp: 339575
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 8.0 8.1 12.1#

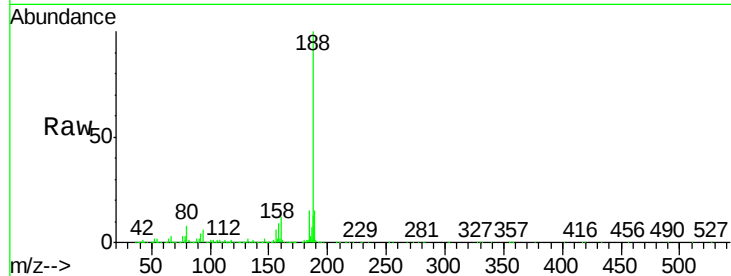




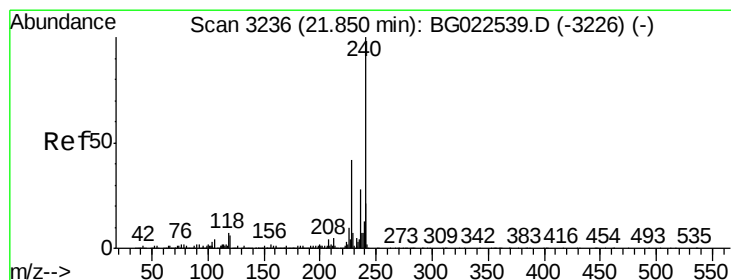
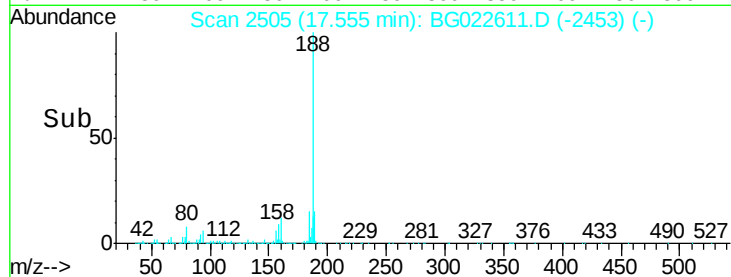
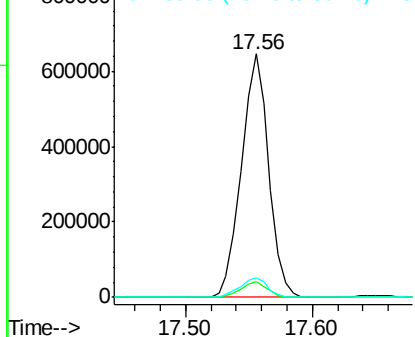
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 957526
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 8.3 7.2 10.8

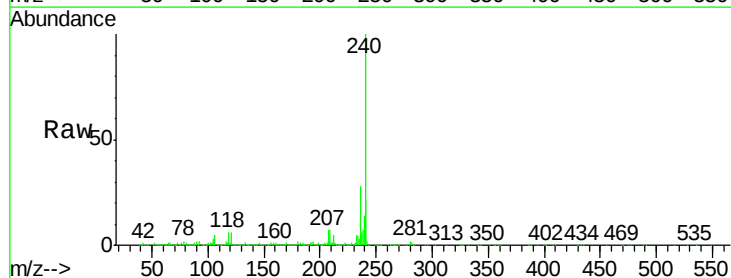


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

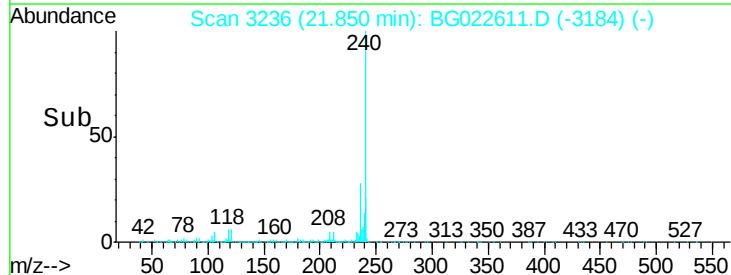
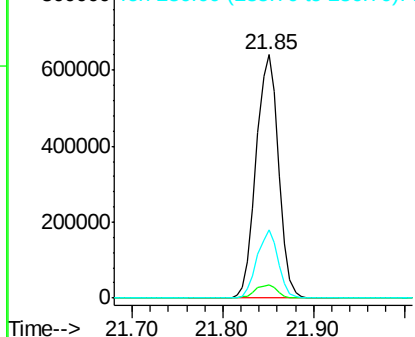


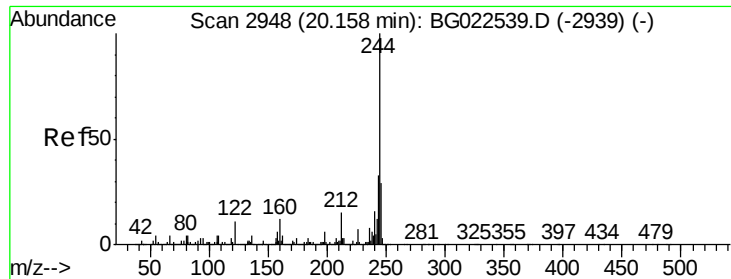
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Tgt Ion:240 Resp: 1099734
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 27.8 21.1 31.7



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: 71.74 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

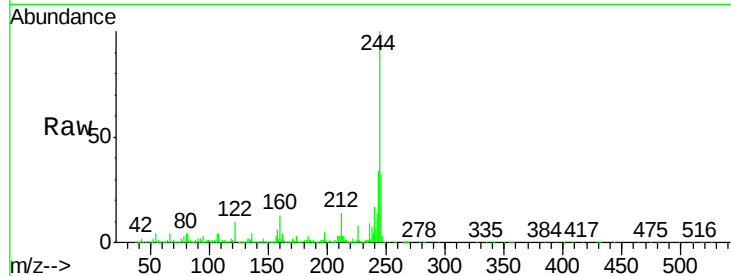
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2977880

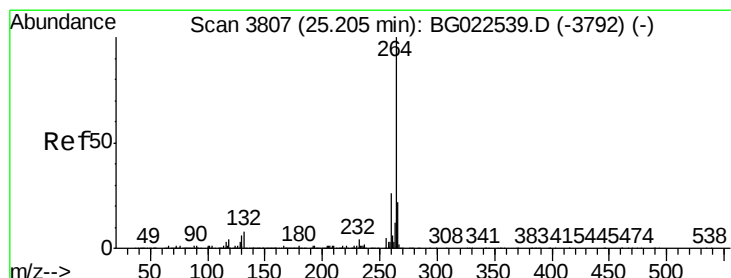
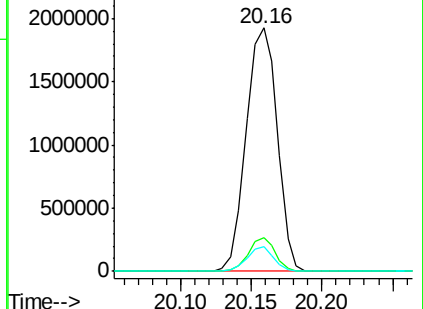
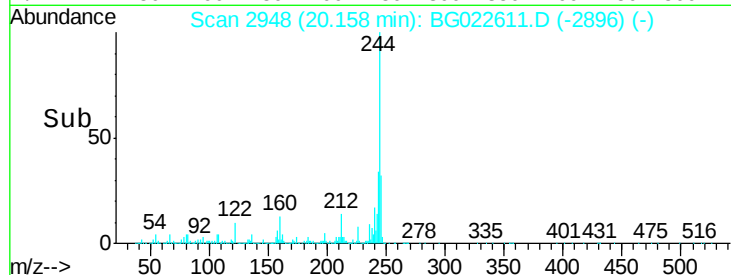
Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	9.9	8.0	12.0



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: 25.21 min Scan# 3808

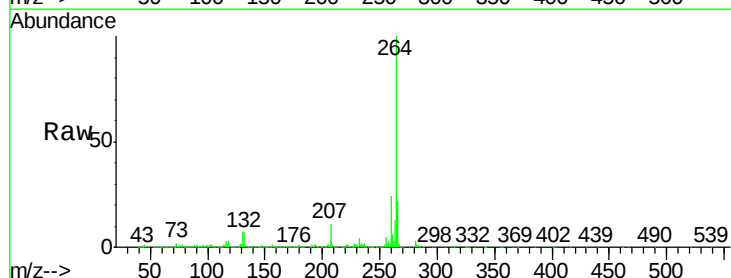
Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Tgt Ion:264 Resp: 1137807

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.7	18.9	28.3



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

