

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024610.D
 Acq On : 2 Nov 2016 3:09
 Operator : UM/SJ
 Sample : H5489-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73-13.5-14.0

Quant Time: Nov 02 04:14:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

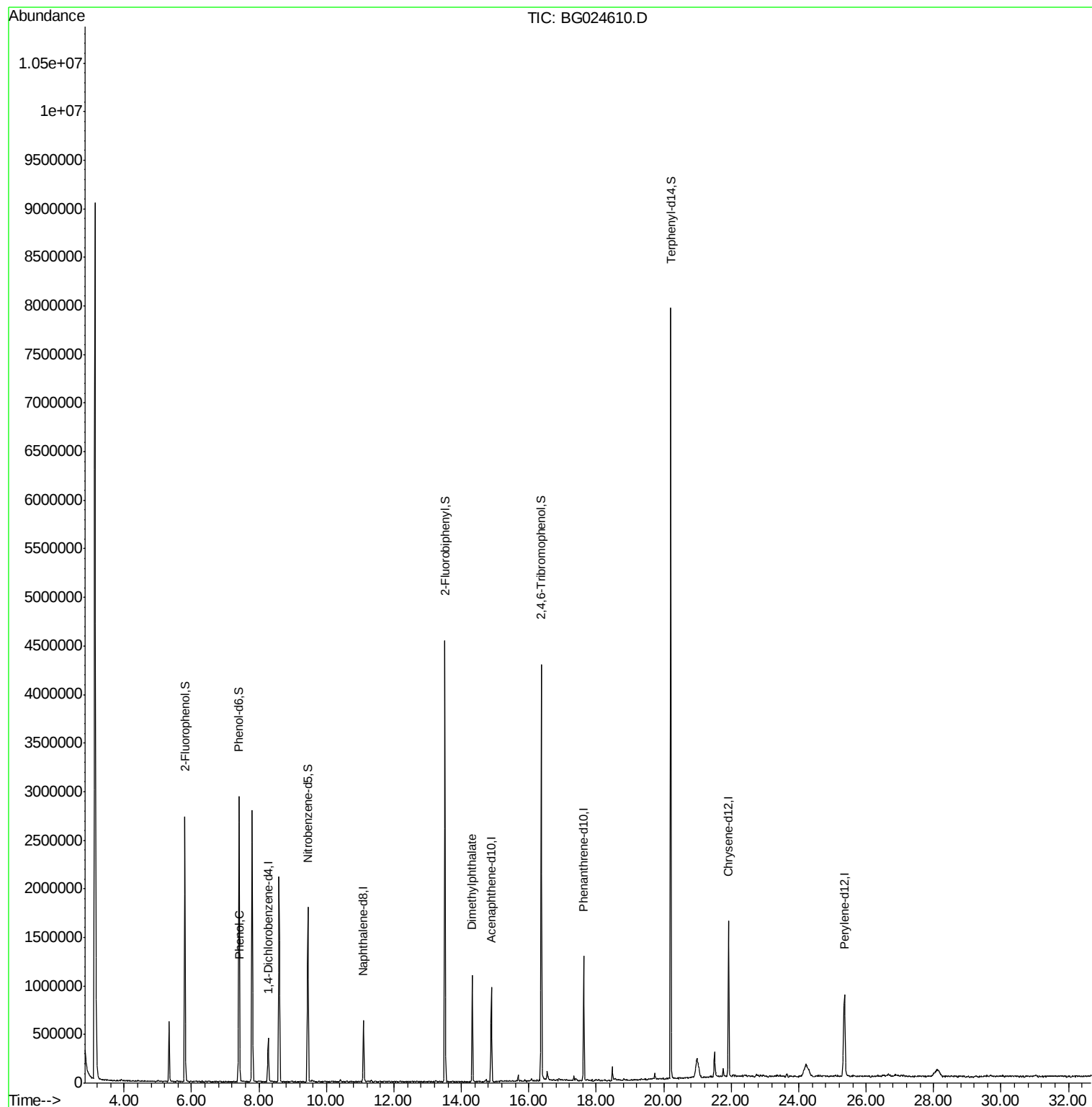
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124689	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	488188	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	365402	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	804394	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1081751	20.00	ng	0.00
86) Perylene-d12	25.36	264	1100232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1132248	148.83	ng	0.00
7) Phenol-d6	7.41	99	1609860	154.27	ng	0.00
23) Nitrobenzene-d5	9.45	82	1129930	105.38	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	842725	154.38	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2236363	101.72	ng	0.00
78) Terphenyl-d14	20.21	244	3259312	90.03	ng	0.00
Target Compounds						
10) Phenol	7.43	94	23690	2.20	ng	Qvalue # 69
49) Dimethylphthalate	14.32	163	687311	26.50	ng	100

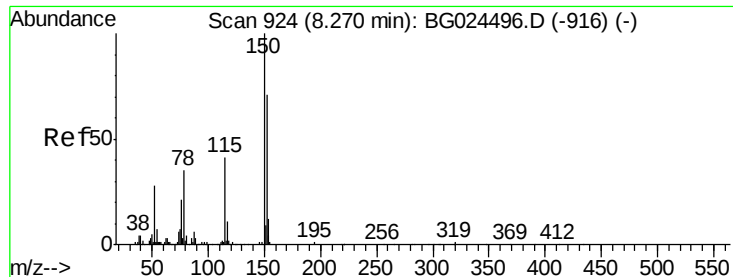
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Instrument :

BNA_G

ClientSampleId :

SB-73-13.5-14.0

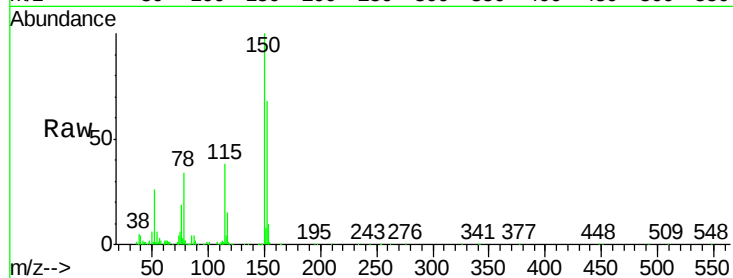
Tot Ion:152 Resp: 124689

Ion Ratio Lower Upper

152 100

150 146.2 114.0 171.0

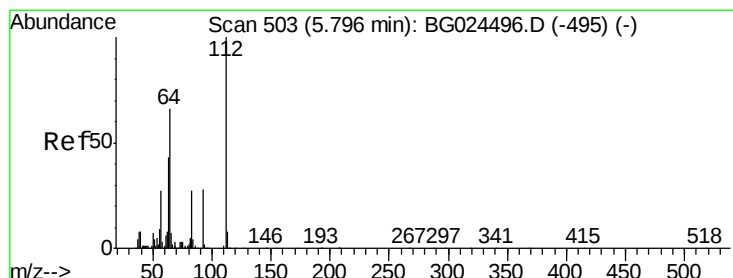
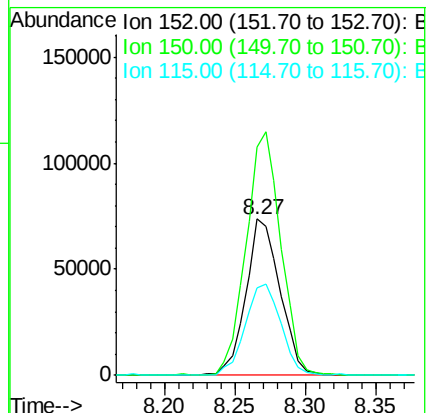
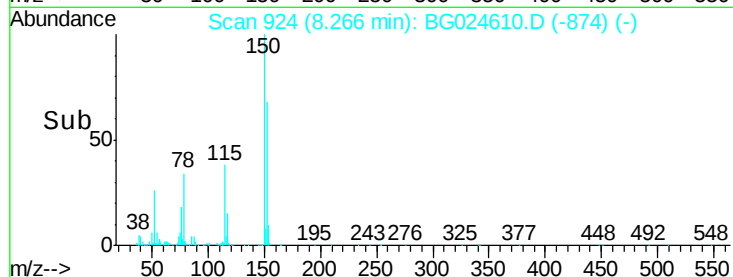
115 55.8 48.1 72.1



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: 148.83 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

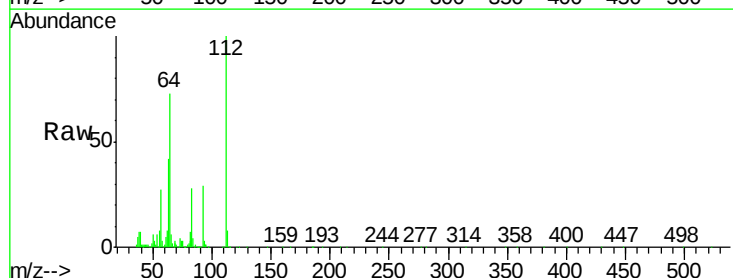
Tgt Ion:112 Resp: 1132248

Ion Ratio Lower Upper

112 100

64 73.3 61.8 92.6

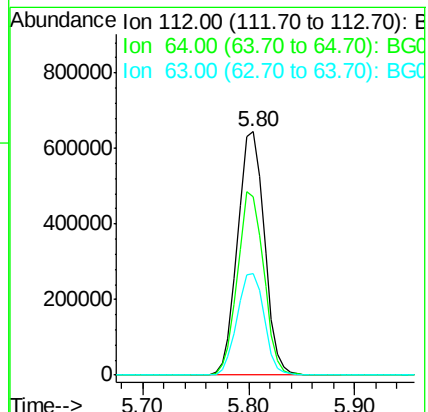
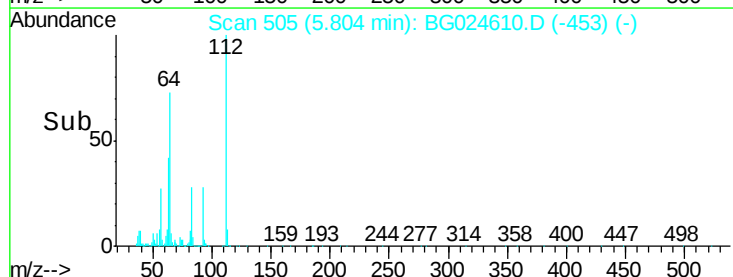
63 41.5 37.2 55.8



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: 154.27 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Instrument :

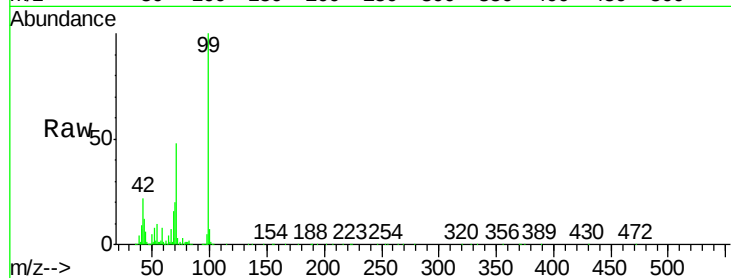
BNA_G

ClientSampleId :

SB-73-13.5-14.0

Tot Ion: 99 Resp: 1609860

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	47.6	37.6	56.4



Abundance

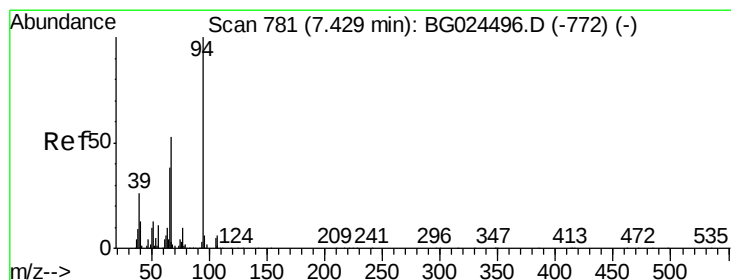
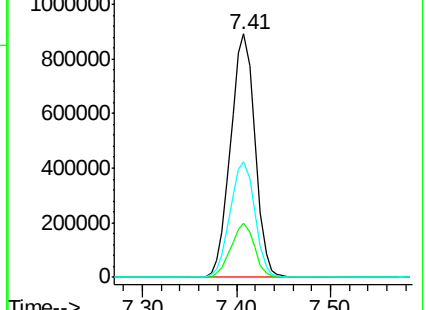
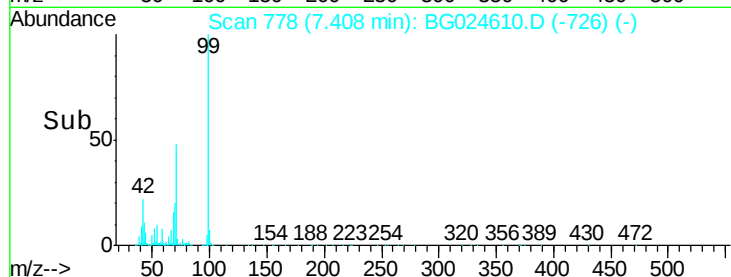
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.41

Time-->



#10

Phenol

Concen: 2.20 ng

RT: 7.43 min Scan# 782

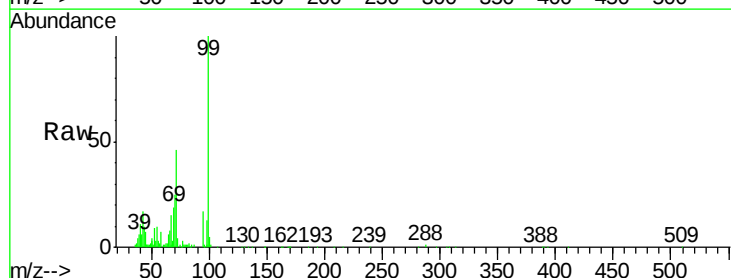
Delta R.T. 0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Tgt Ion: 94 Resp: 23690

Ion	Ratio	Lower	Upper
94	100		
65	48.5	20.6	60.6
66	88.0	35.5	75.5



Abundance

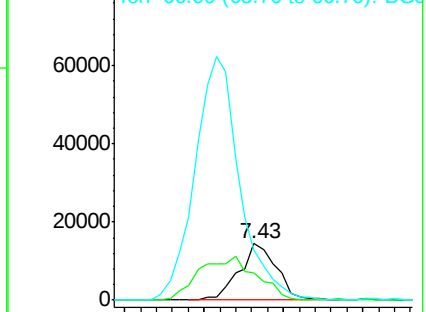
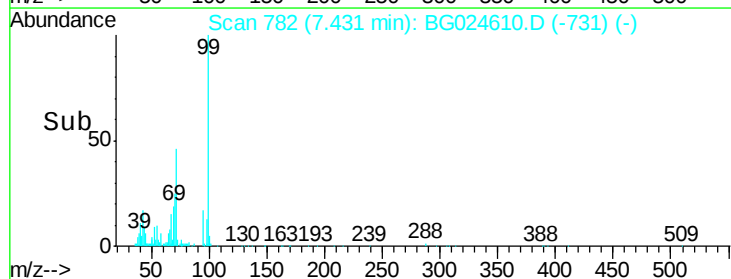
Ion 94.00 (93.70 to 94.70): BGC

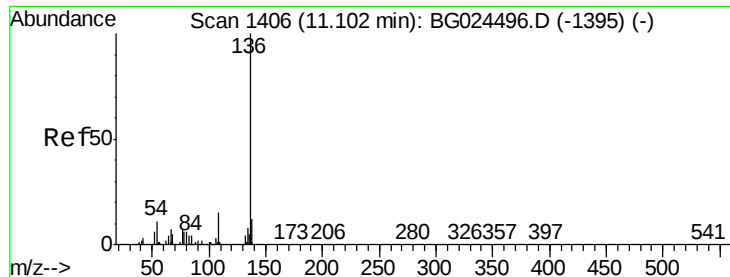
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.43

Time-->

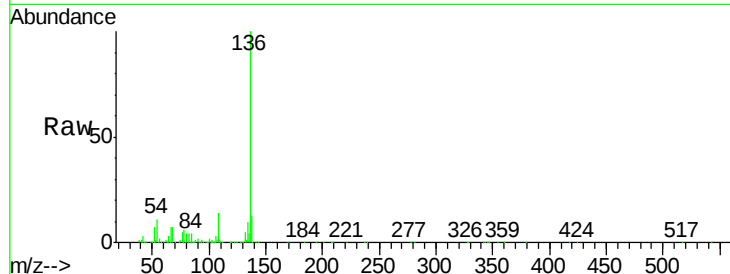




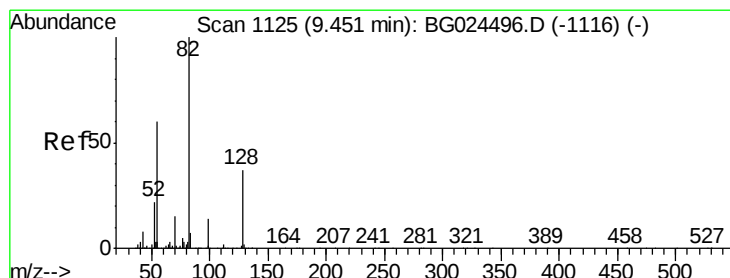
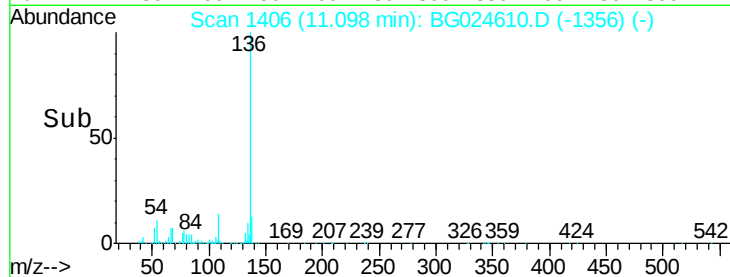
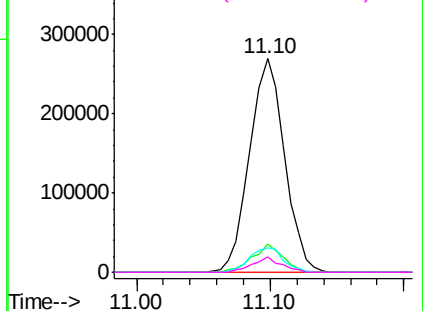
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024610.D
Acq: 2 Nov 2016 3:09

Instrument :
BNA_G
ClientSampleId :
SB-73-13.5-14.0

Tot Ion:136	Resp:	488188
Ion Ratio	Lower	Upper
136 100		
137 13.1	8.9	13.3
54 11.2	9.3	13.9
68 7.3	5.1	7.7

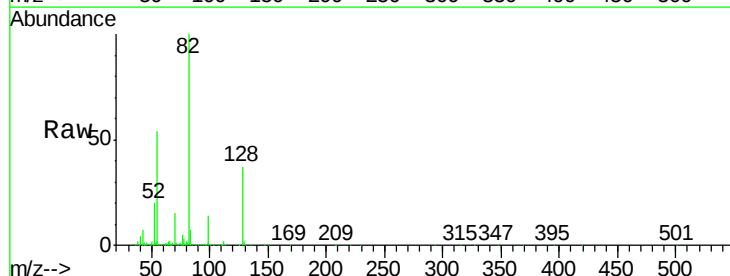


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

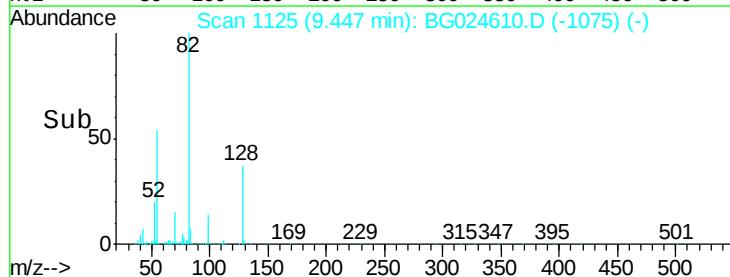
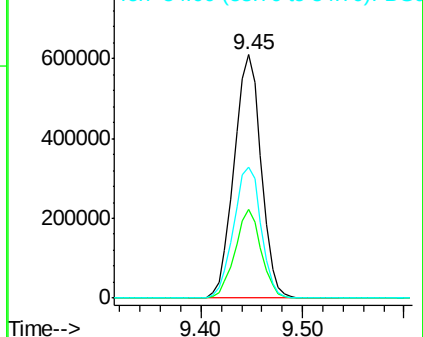


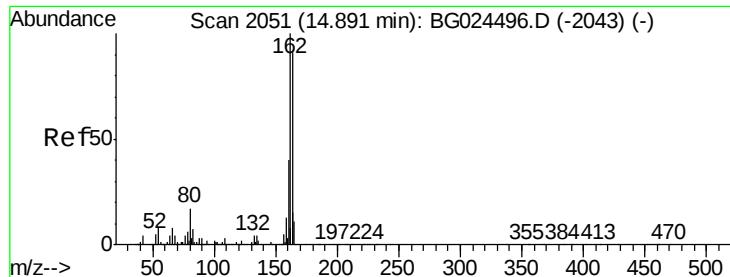
#23
Nitrobenzene-d5
Concen: 105.38 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024610.D
Acq: 2 Nov 2016 3:09

Tgt Ion: 82	Resp: 1129930
Ion Ratio	Lower Upper
82 100	
128 36.5	26.4 39.6
54 53.9	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: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Instrument :

BNA_G

ClientSampleId :

SB-73-13.5-14.0

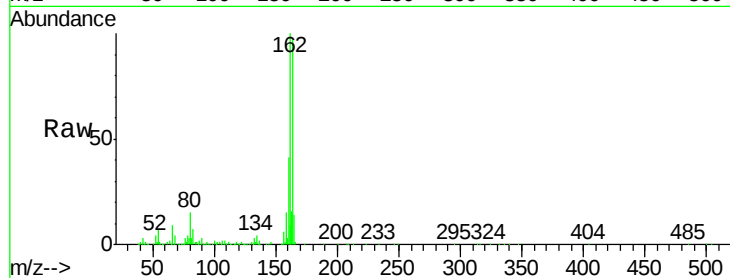
Tot Ion:164 Resp: 365402

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

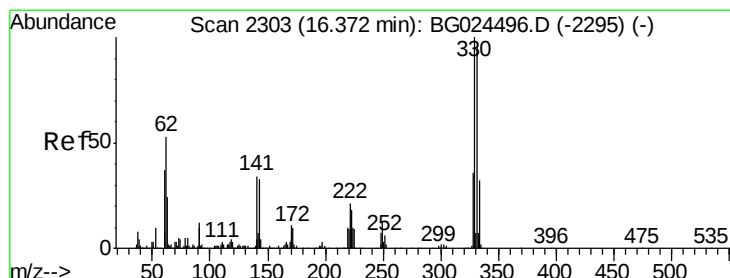
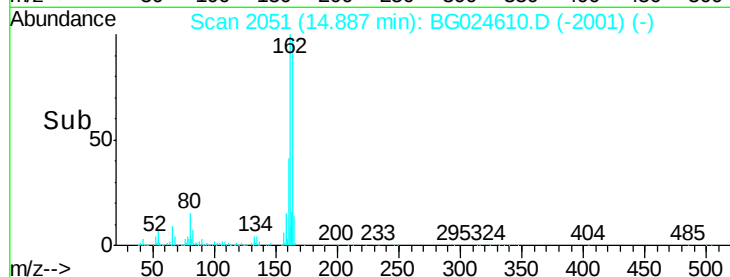
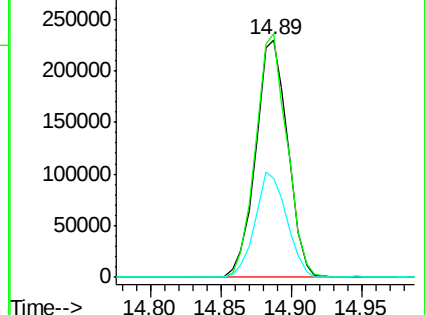
160 41.6 34.7 52.1



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: 154.38 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

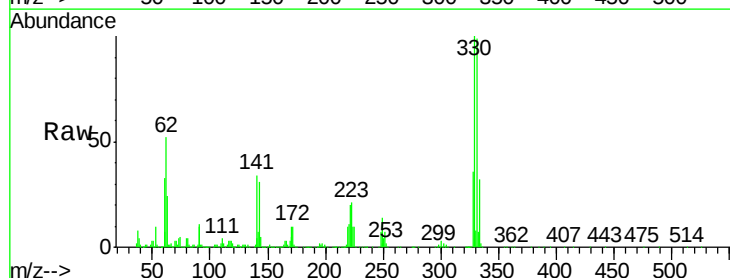
Tgt Ion:330 Resp: 842725

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

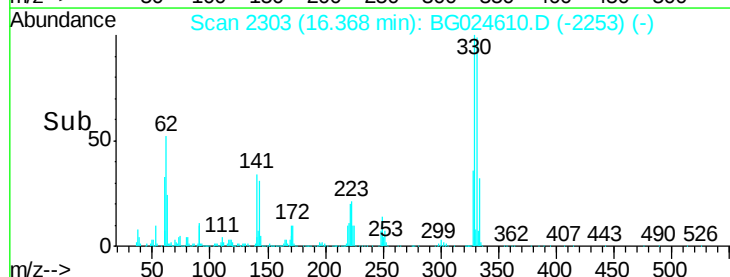
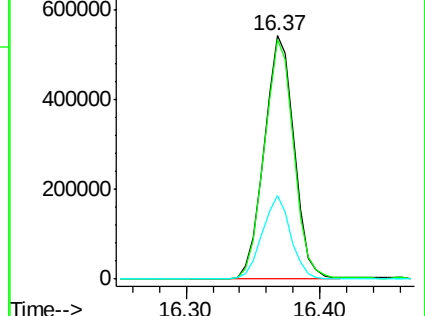
141 32.7 32.1 48.1

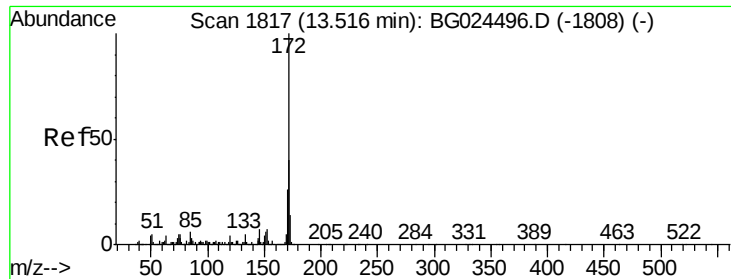


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

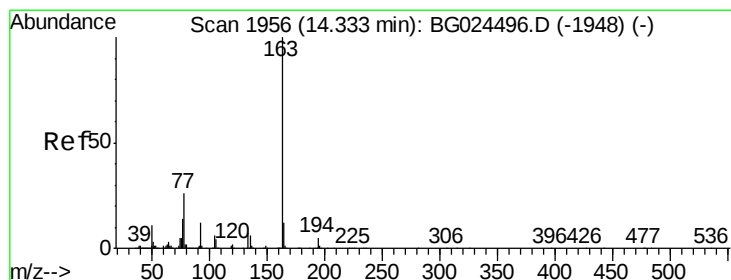
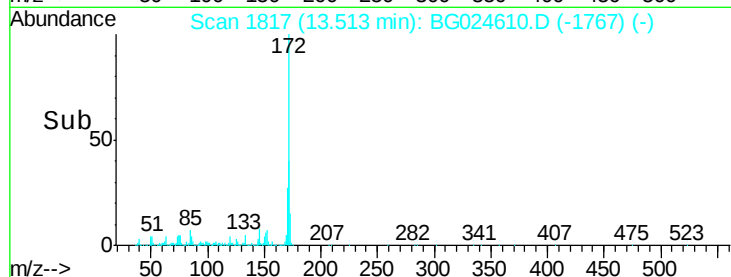
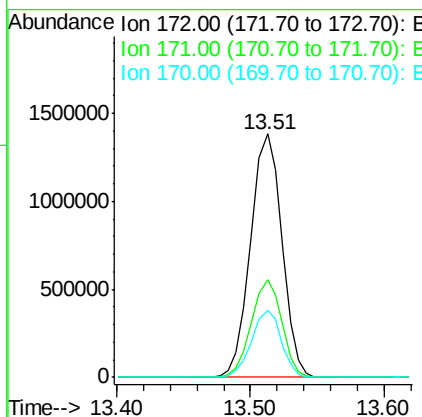
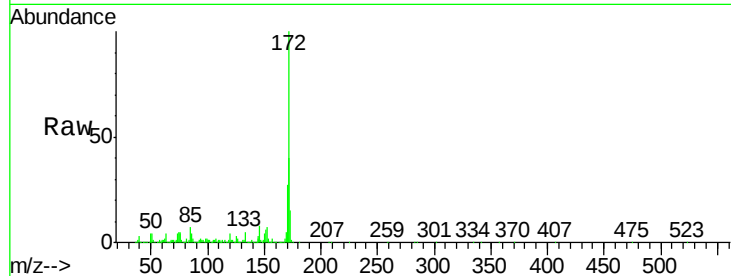




#44
2-Fluorobiphenyl
Concen: 101.72 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024610.D
Acq: 2 Nov 2016 3:09

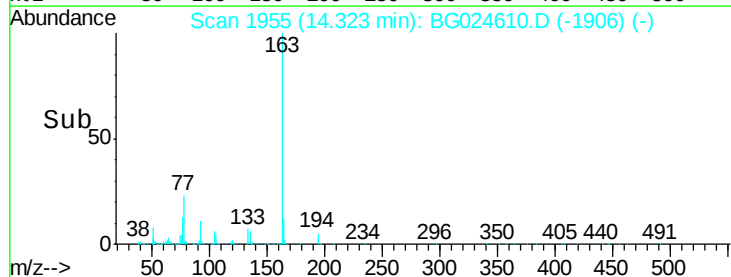
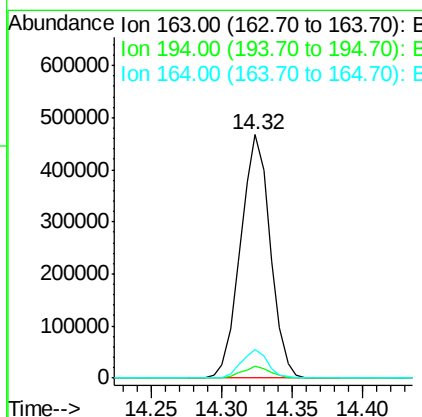
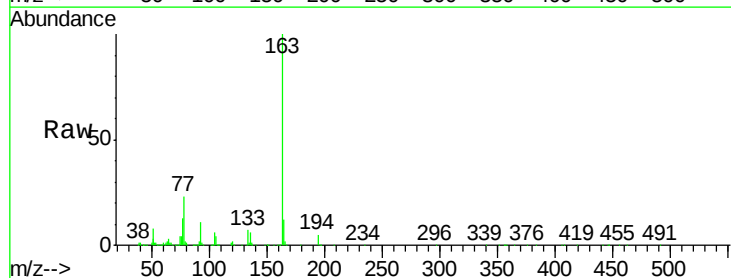
Instrument :
BNA_G
ClientSampleId :
SB-73-13.5-14.0

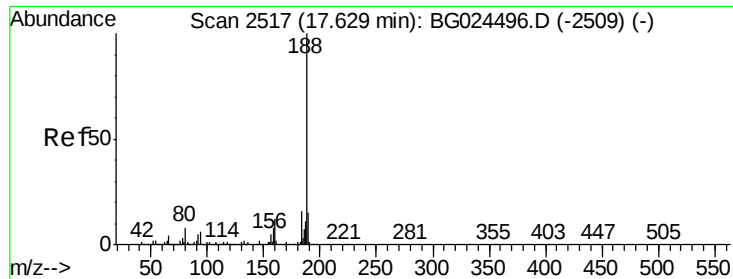
Tot Ion:172 Resp: 2236363
Ion Ratio Lower Upper
172 100
171 40.1 32.2 48.2
170 27.5 21.8 32.6



#49
Dimethylphthalate
Concen: 26.50 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024610.D
Acq: 2 Nov 2016 3:09

Tgt Ion:163 Resp: 687311
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 11.6 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Instrument :

BNA_G

ClientSampleId :

SB-73-13.5-14.0

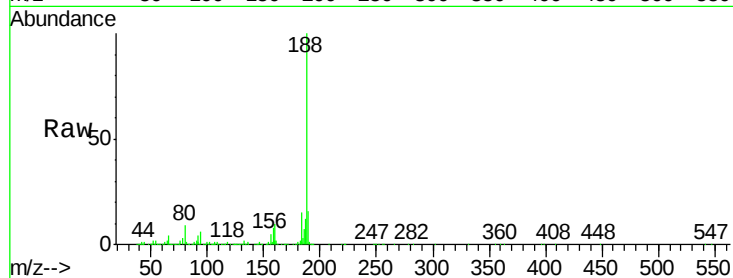
Tot Ion:188 Resp: 804394

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

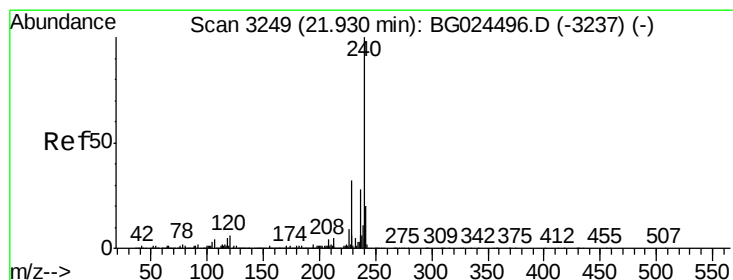
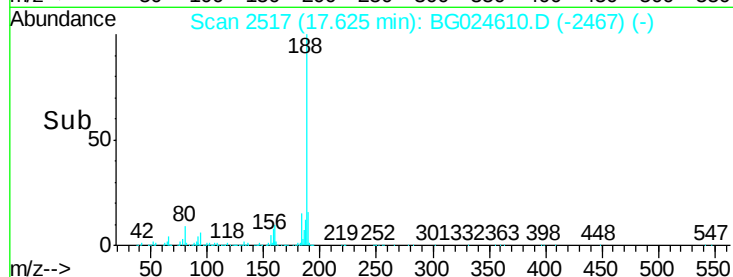
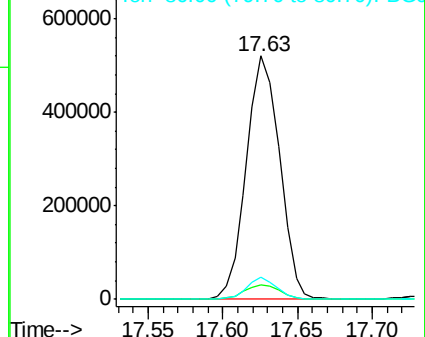
80 9.1 7.5 11.3



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: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

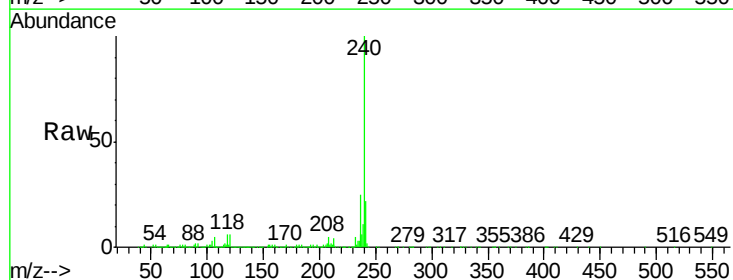
Tgt Ion:240 Resp: 1081751

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

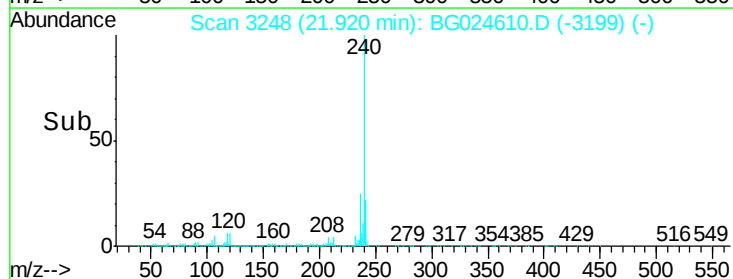
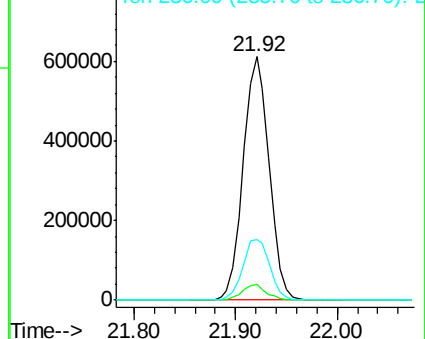
236 24.9 22.2 33.4

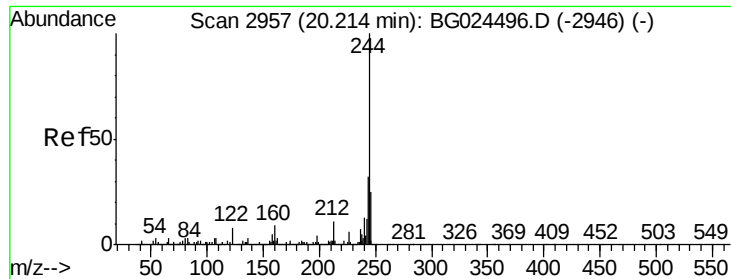


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.03 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Instrument :

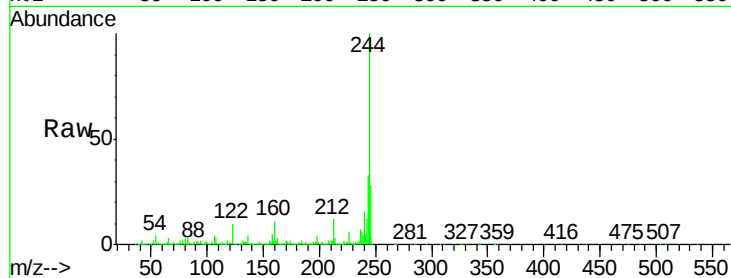
BNA_G

ClientSampleId :

SB-73-13.5-14.0

Tot Ion:244 Resp: 3259312

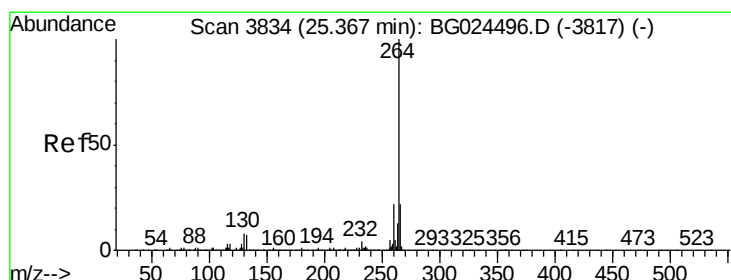
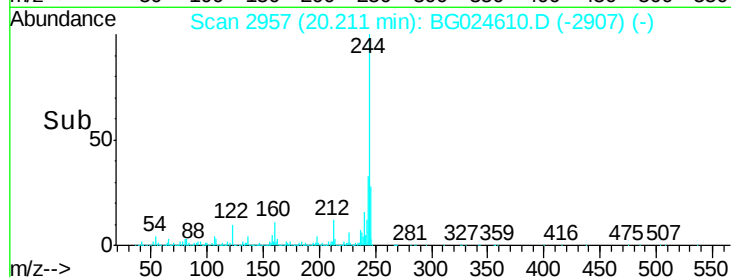
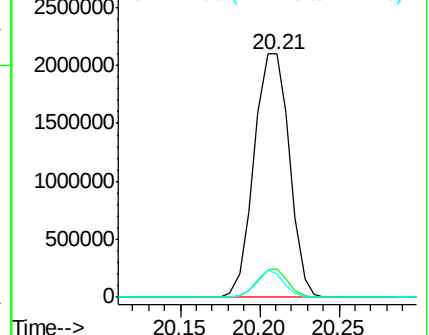
Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.0	15.0
122	9.8	8.6	12.8



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: 25.36 min Scan# 3833

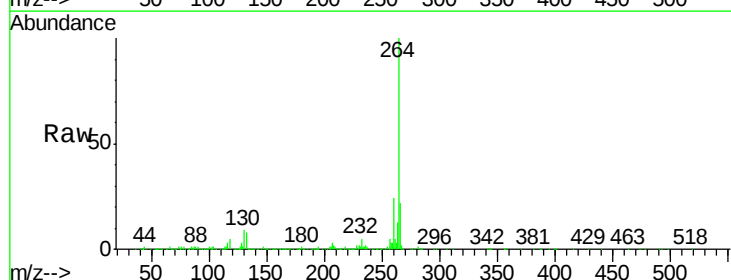
Delta R.T. -0.01 min

Lab File: BG024610.D

Acq: 2 Nov 2016 3:09

Tgt Ion:264 Resp: 1100232

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.2	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

