

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023063.D
 Acq On : 13 Jul 2016 9:29
 Operator : UM/SJ
 Sample : H3980-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-04

Quant Time: Jul 13 13:34:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

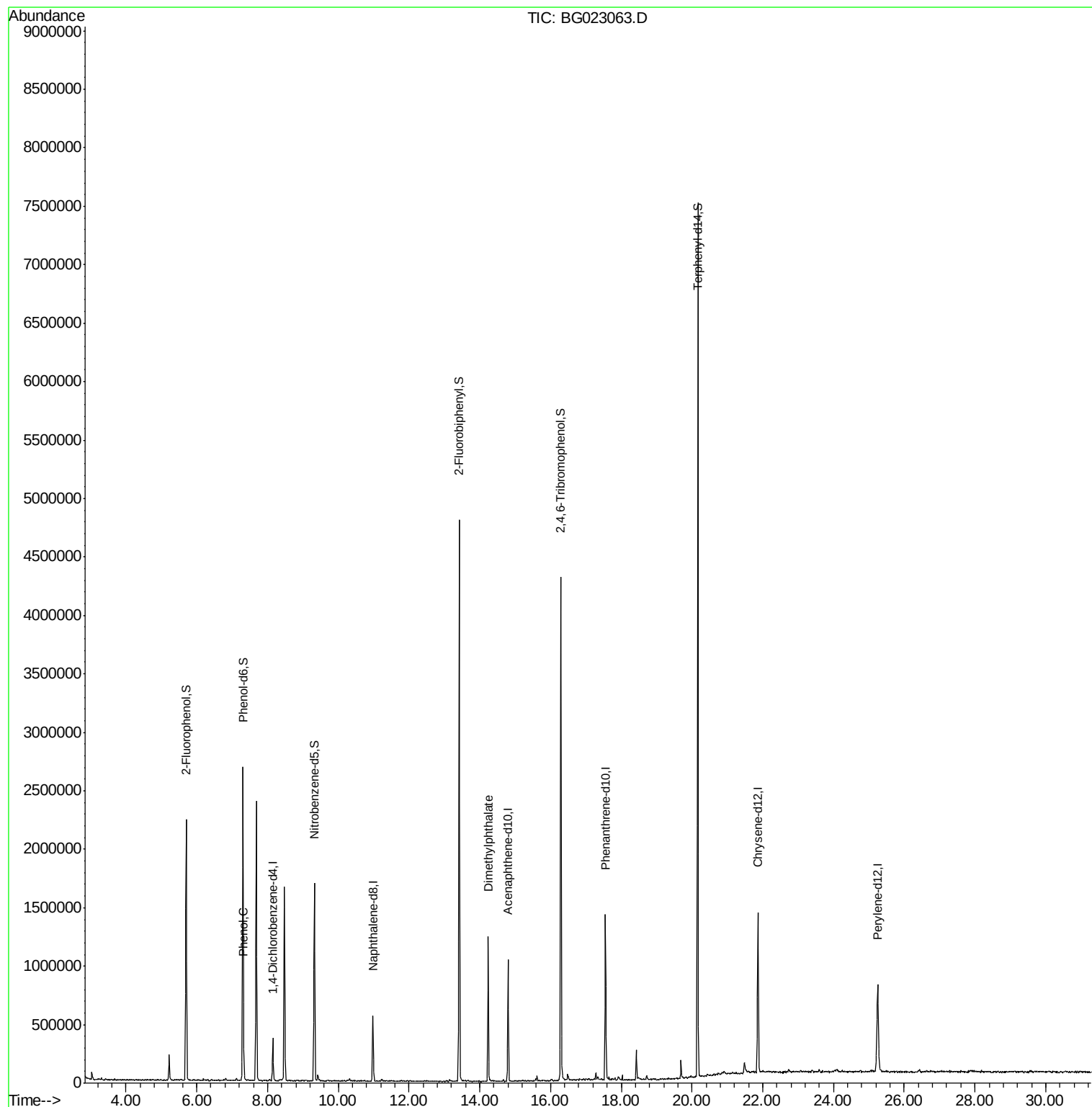
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92960	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	447944	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	350887	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	822026	20.00	ng	0.00
75) Chrysene-d12	21.86	240	888854	20.00	ng	0.01
86) Perylene-d12	25.25	264	899191	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	892742	157.07	ng	0.00
7) Phenol-d6	7.31	99	1482302	166.51	ng	0.00
23) Nitrobenzene-d5	9.32	82	1086737	103.88	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	809319	128.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2194136	98.49	ng	0.00
78) Terphenyl-d14	20.16	244	2870147	120.06	ng	0.00
Target Compounds						
10) Phenol	7.33	94	28481	3.11	ng	91
49) Dimethylphthalate	14.24	163	765955	26.72	ng	100

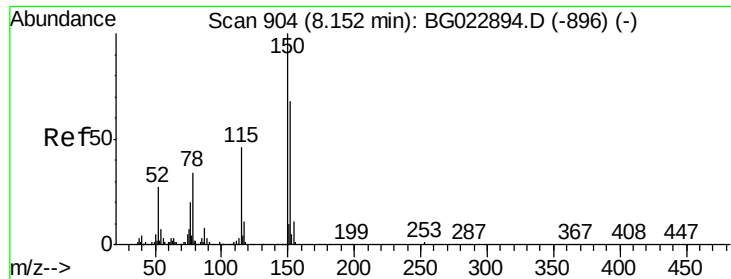
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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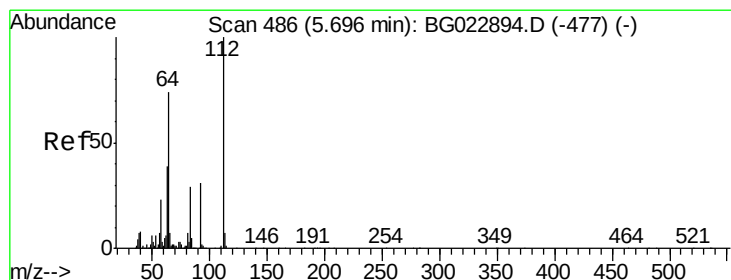
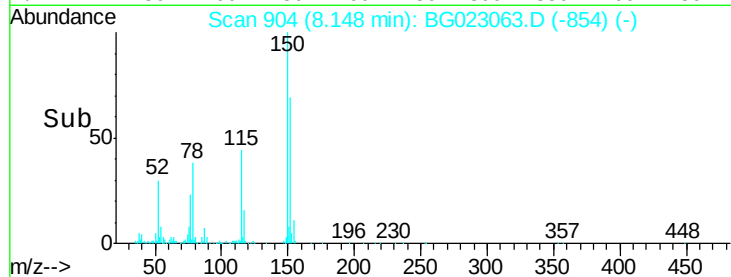
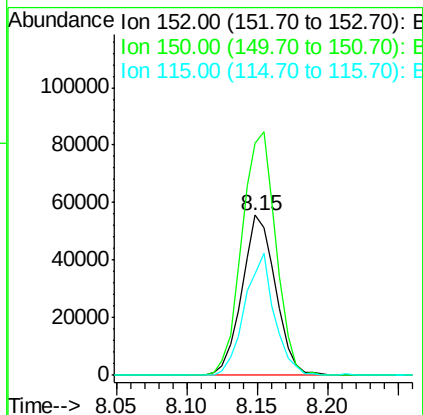
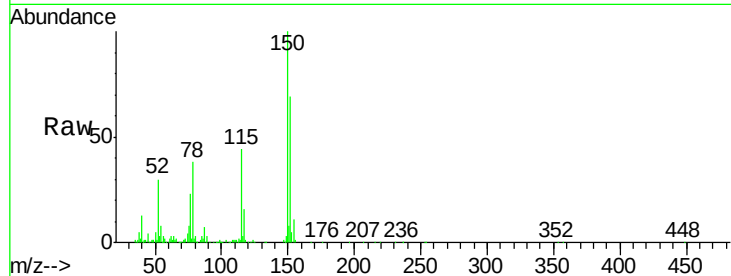


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
C4.1-04

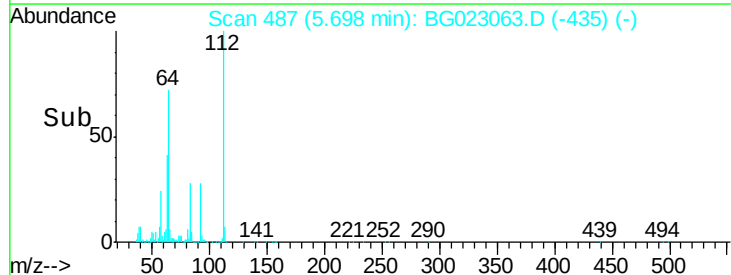
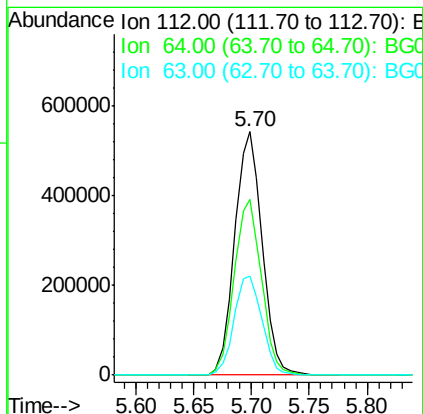
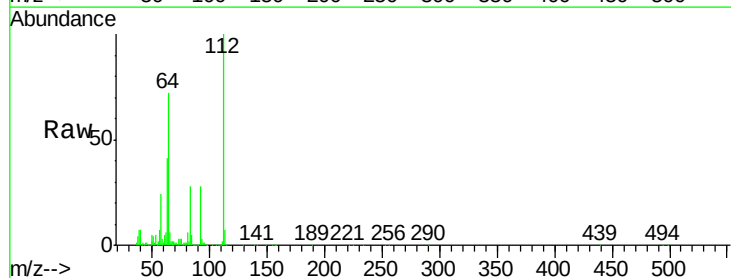
Tot Ion:152 Resp: 92960
Ion Ratio Lower Upper
152 100
150 145.1 144.7 217.1
115 63.4 64.0 96.0#

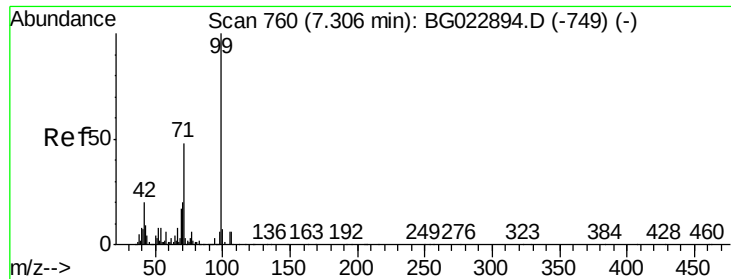


#5

2-Fluorophenol
Concen: 157.07 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Tgt Ion:112 Resp: 892742
Ion Ratio Lower Upper
112 100
64 72.3 59.0 88.4
63 40.6 37.8 56.8





#7

Phenol-d6

Concen: 166.51 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampled :

C4.1-04

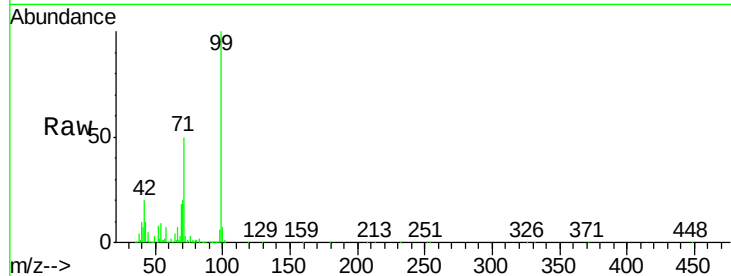
Tot Ion: 99 Resp: 1482302

Ion Ratio Lower Upper

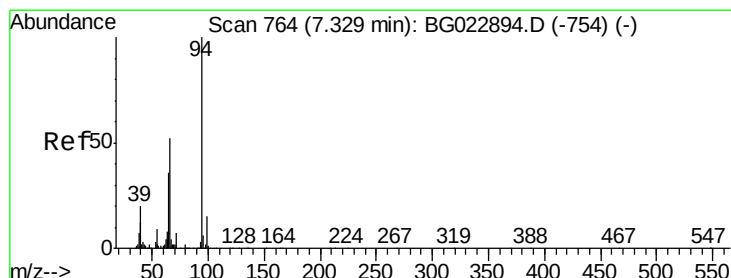
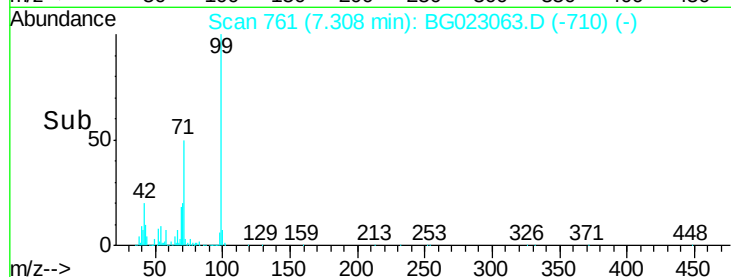
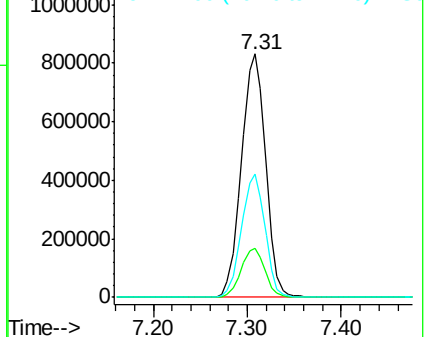
99 100

42 20.4 17.8 26.6

71 50.5 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



#10

Phenol

Concen: 3.11 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

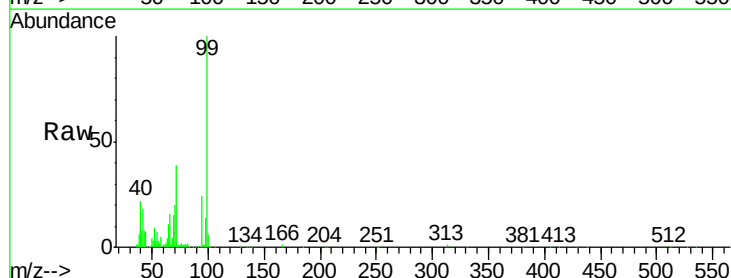
Tgt Ion: 94 Resp: 28481

Ion Ratio Lower Upper

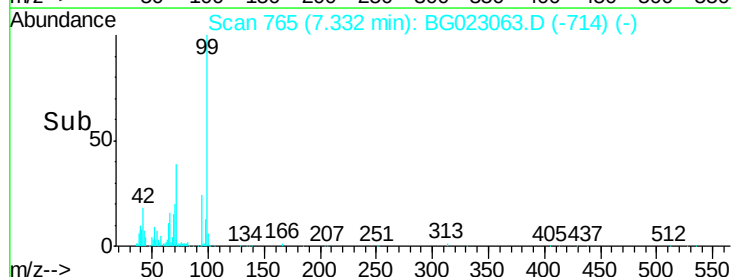
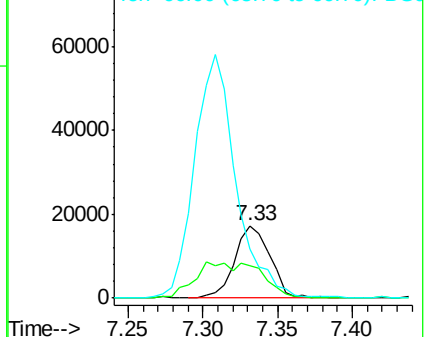
94 100

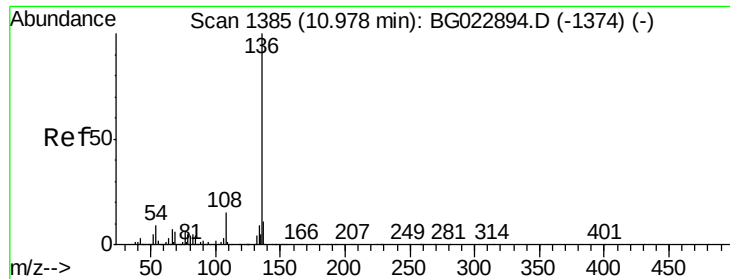
65 45.1 18.1 58.1

66 68.4 42.1 82.1



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

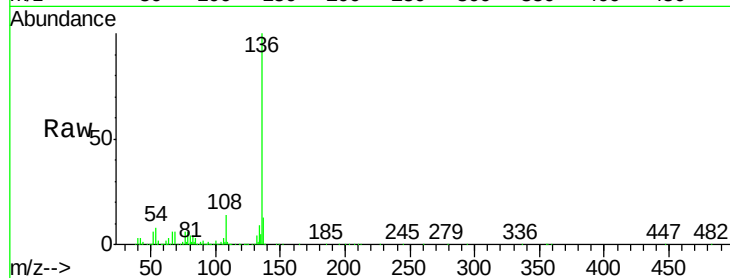




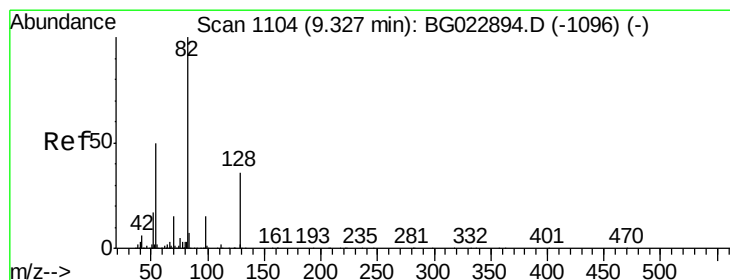
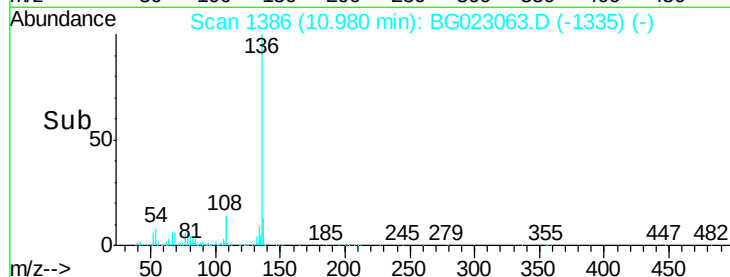
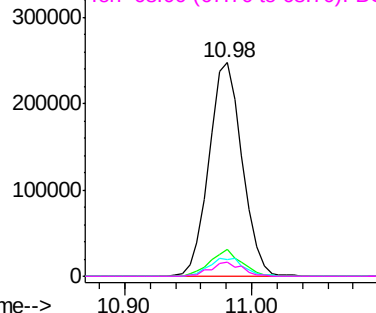
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
C4.1-04

Tot Ion:136	Resp:	447944	
Ion Ratio	Lower	Upper	
136 100			
137 12.8	9.6	14.4	
54 7.6	7.3	10.9	
68 6.4	5.3	7.9	

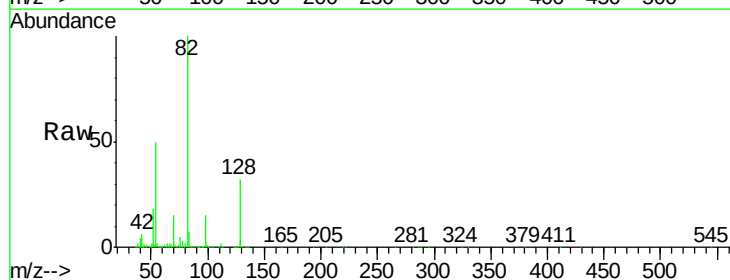


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

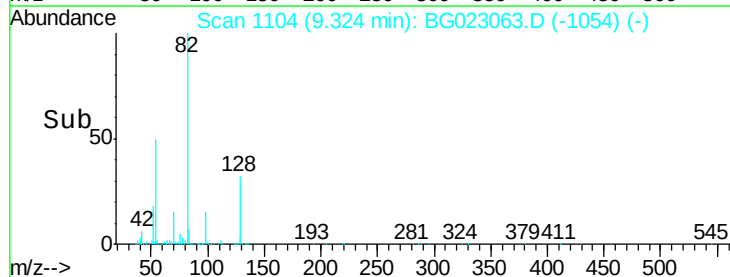
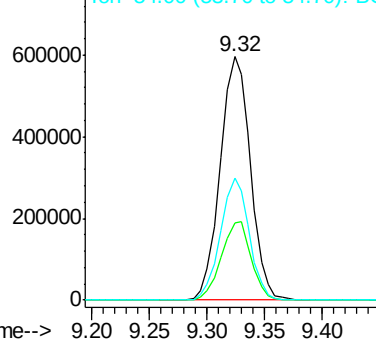


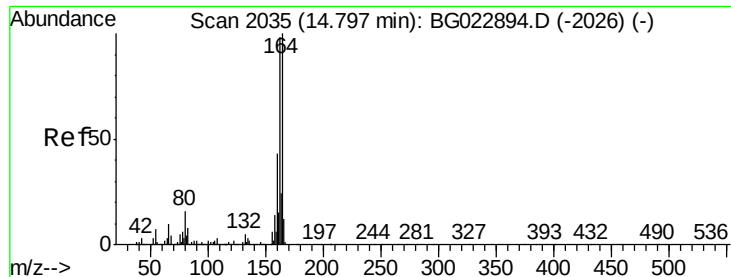
#23
Nitrobenzene-d5
Concen: 103.88 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Tgt	Ion: 82	Resp: 1086737	
Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	50.1	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

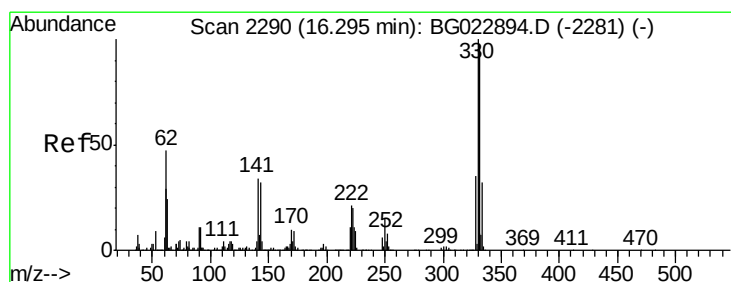
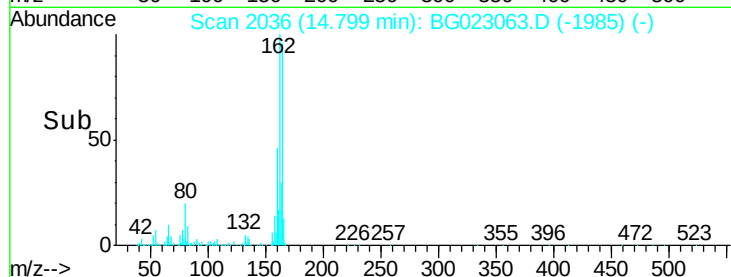
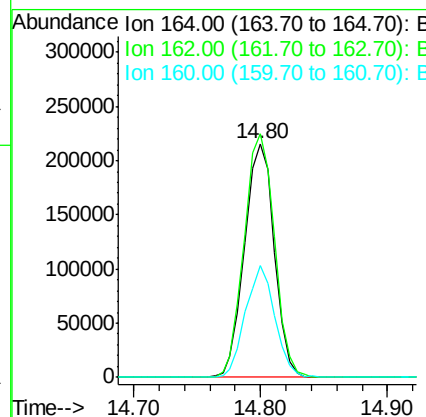
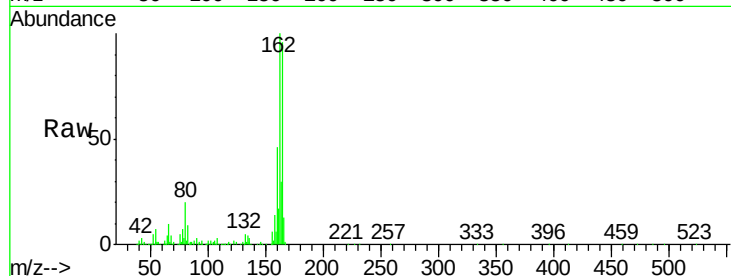




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

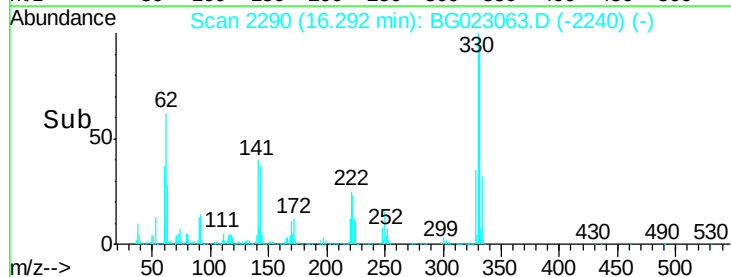
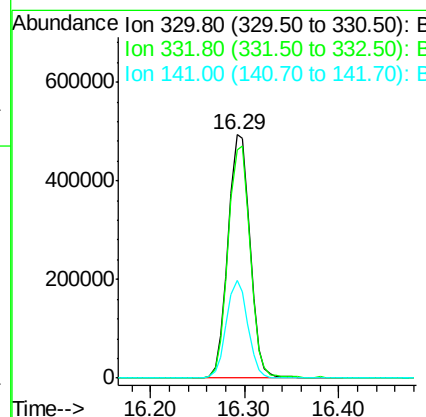
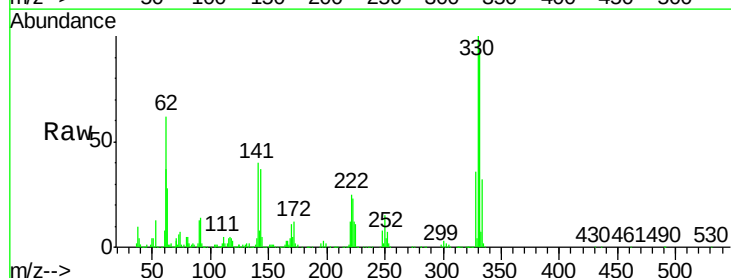
Instrument :
BNA_G
ClientSampled :
C4.1-04

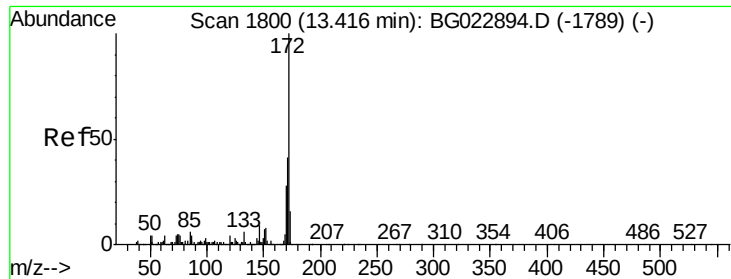
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	48.0	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 128.34 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	39.0	31.7	47.5

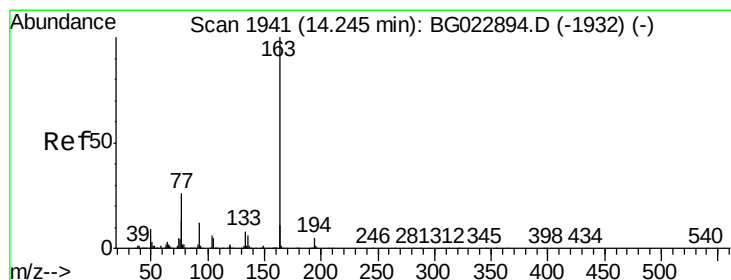
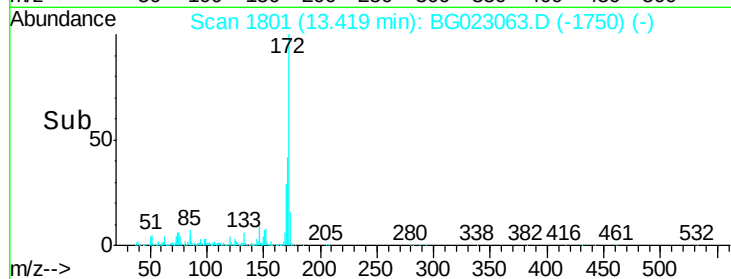
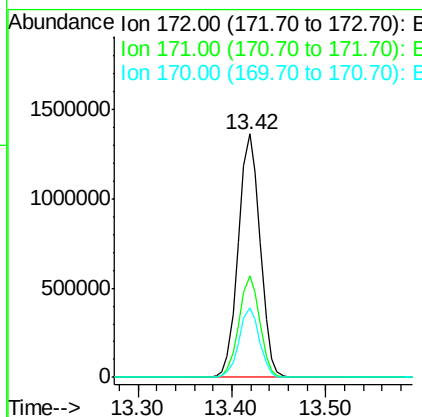
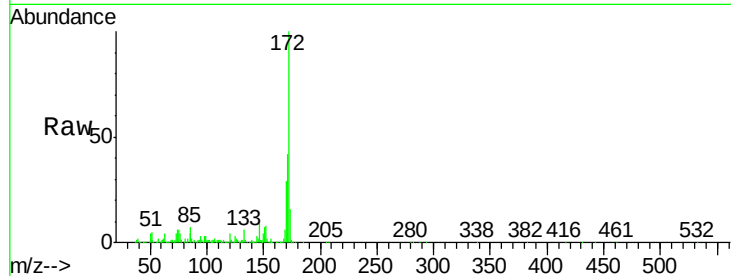




#44
2-Fluorobiphenyl
Concen: 98.49 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

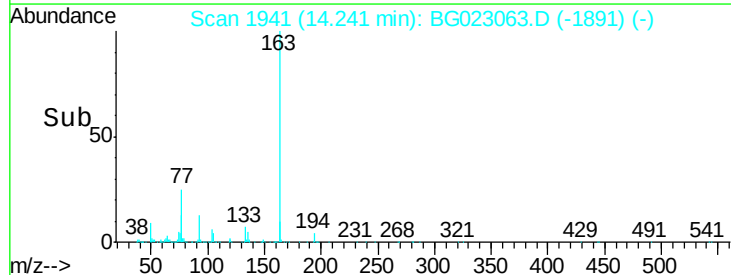
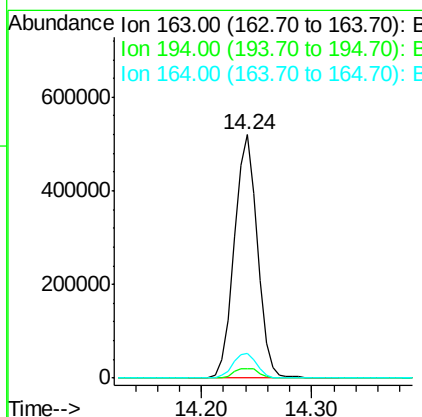
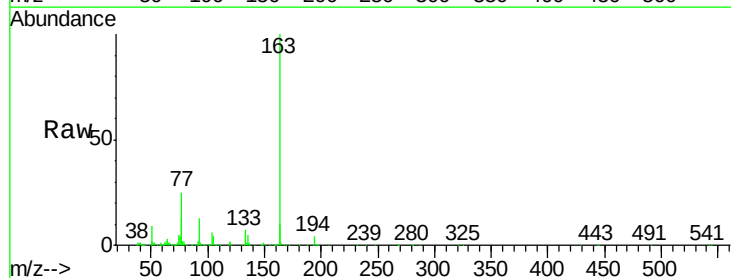
Instrument :
BNA_G
ClientSampleId :
C4.1-04

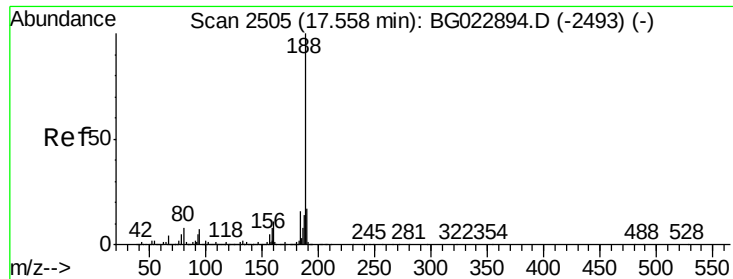
Tot Ion:172 Resp: 2194136
Ion Ratio Lower Upper
172 100
171 41.8 31.6 47.4
170 28.5 21.3 31.9



#49
Dimethylphthalate
Concen: 26.72 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Tgt Ion:163 Resp: 765955
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.1 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampleId :

C4.1-04

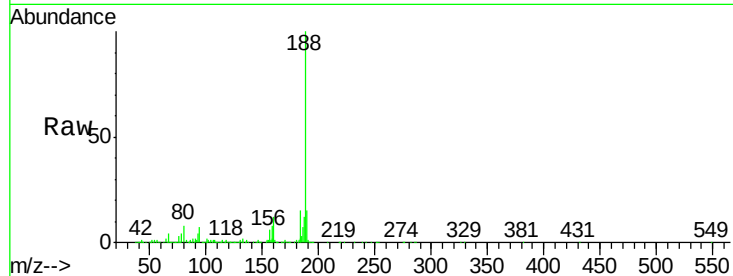
Tot Ion:188 Resp: 822026

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

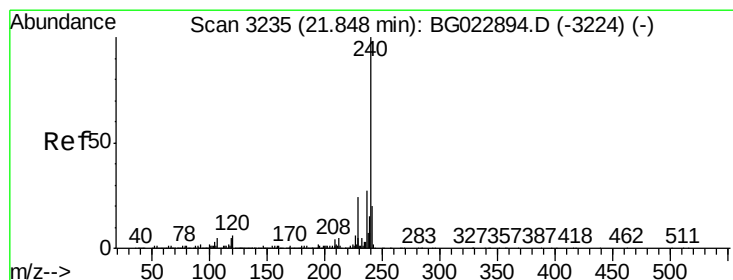
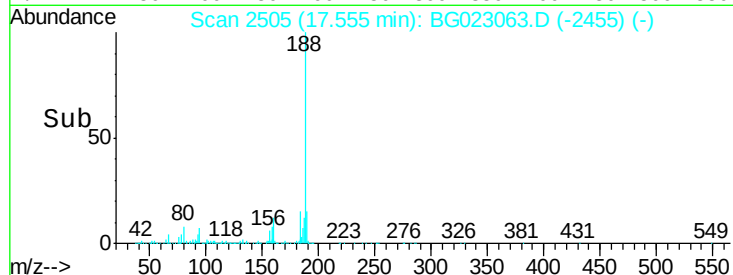
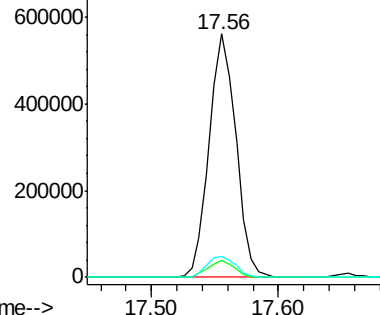
80 8.4 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

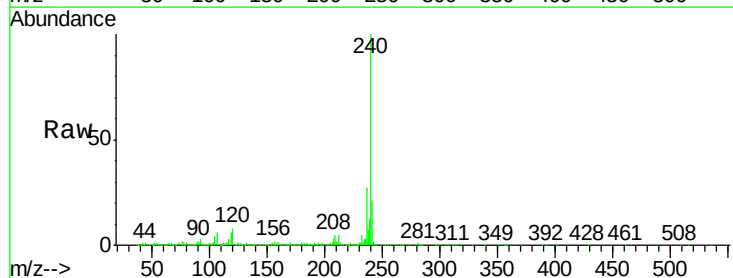
Tgt Ion:240 Resp: 888854

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

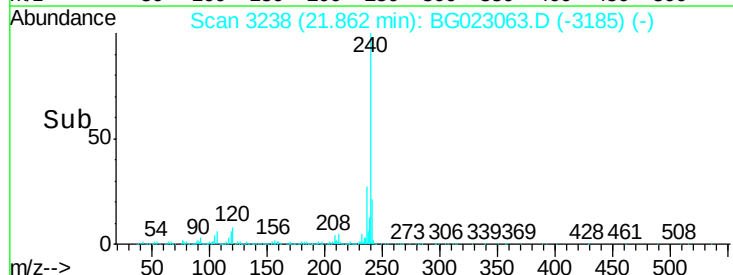
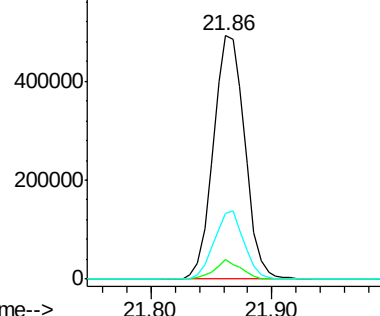
236 27.1 21.1 31.7

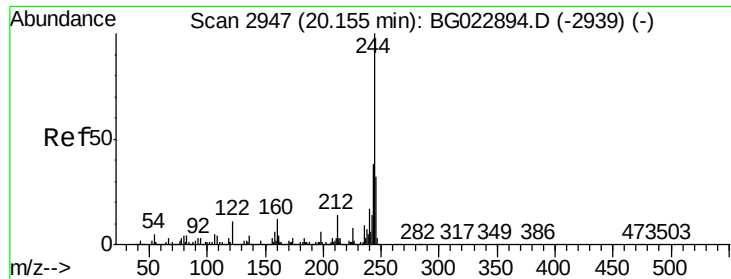


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.06 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

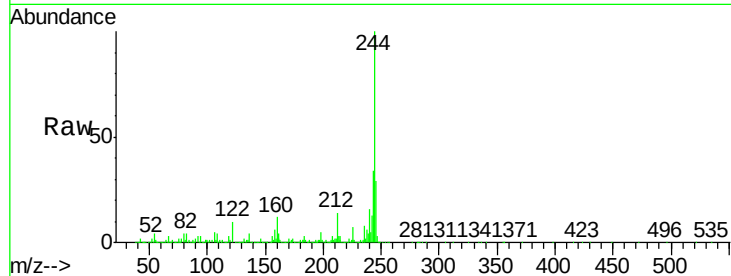
BNA_G

ClientSampleId :

C4.1-04

Tot Ion:244 Resp: 2870147

Ion	Ratio	Lower	Upper
244	100		
212	13.7	10.8	16.2
122	10.1	8.0	12.0

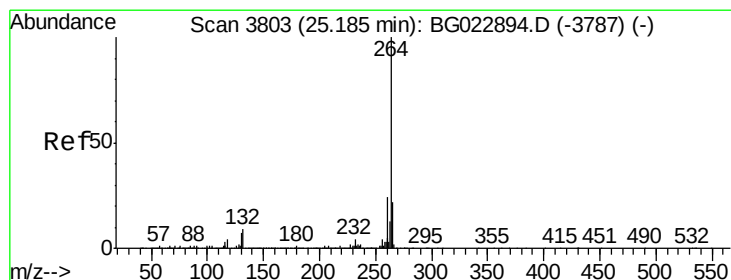
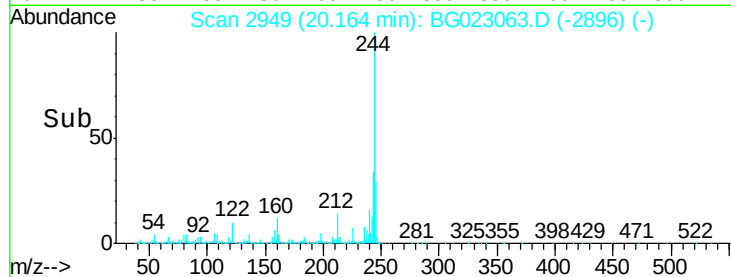
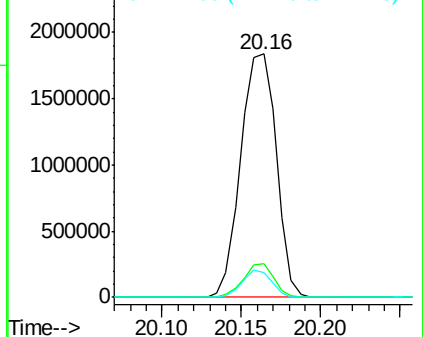


Abundance

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: 25.25 min Scan# 3815

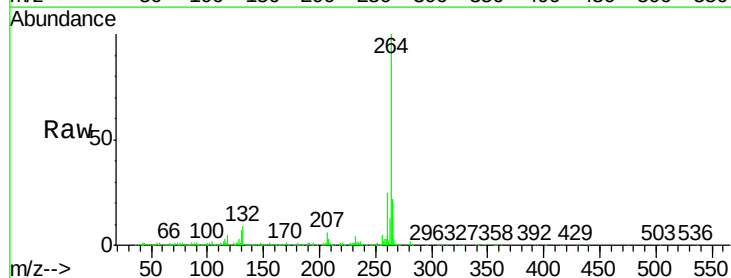
Delta R.T. 0.07 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Tgt Ion:264 Resp: 899191

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.1	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

