

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022602.D
 Acq On : 26 Jun 2016 9:25
 Operator : UM/SJ
 Sample : H3701-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:07:36 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

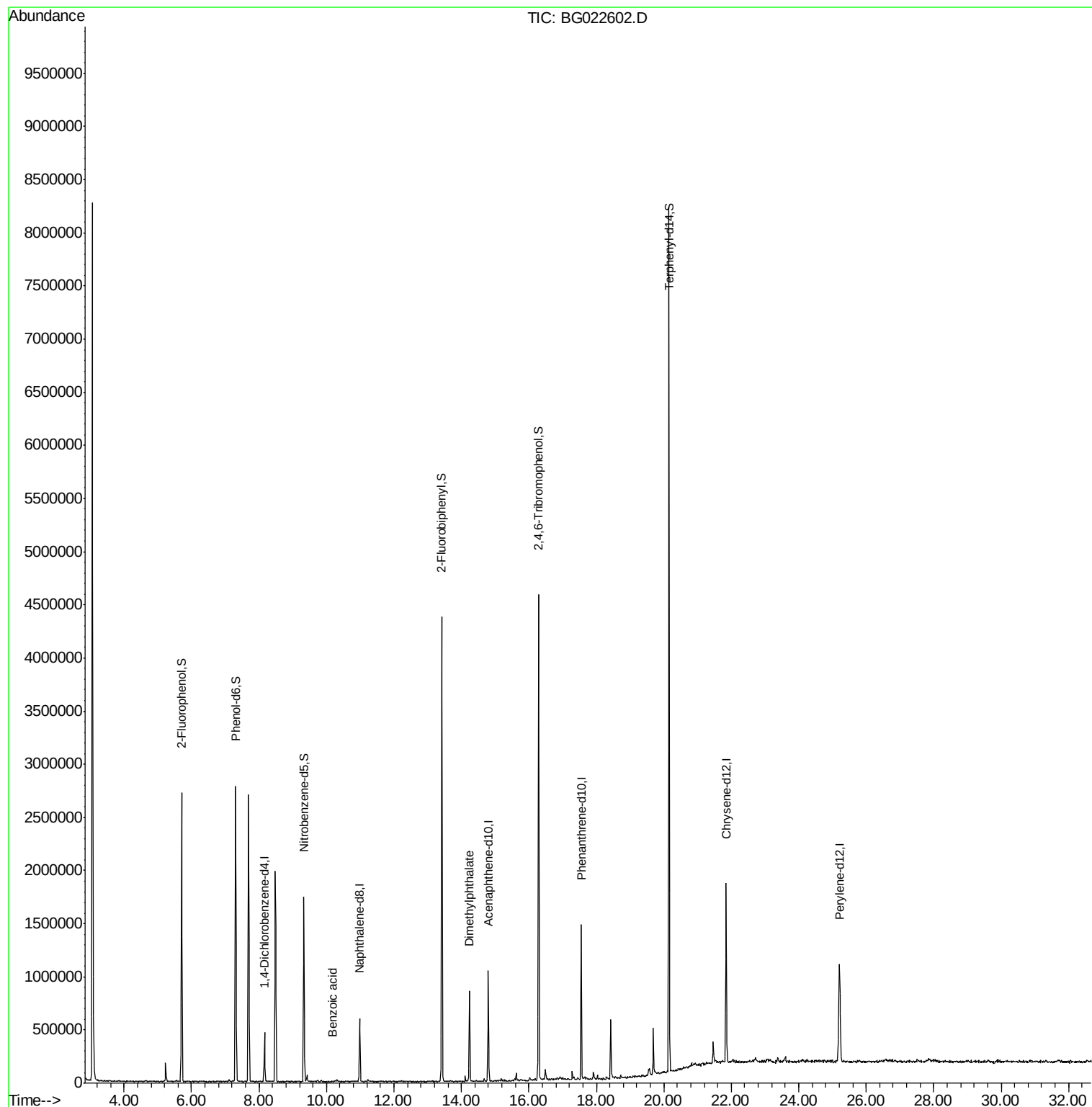
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	115496	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	480097	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348741	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	893494	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1045165	20.00	ng	0.00
86) Perylene-d12	25.21	264	1079470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1058069	146.94	ng	0.00
7) Phenol-d6	7.31	99	1560391	153.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	1114505	98.25	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	867562	158.16	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2072418	94.24	ng	0.00
78) Terphenyl-d14	20.15	244	3090926	78.35	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	74	5.13	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	511860	17.69	ng	97

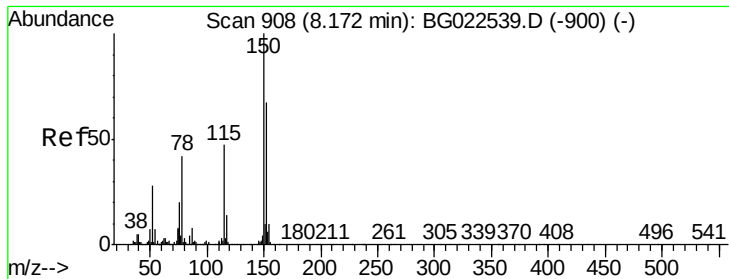
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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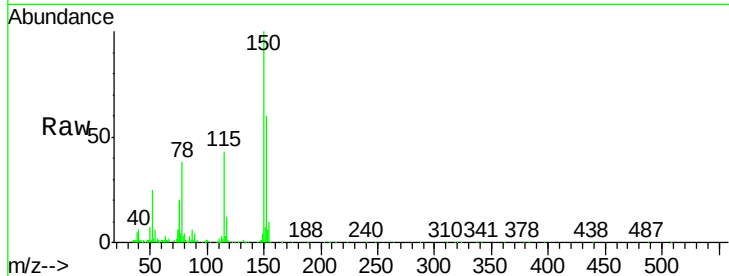


#1

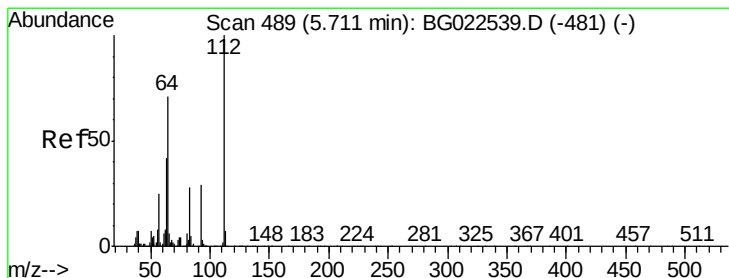
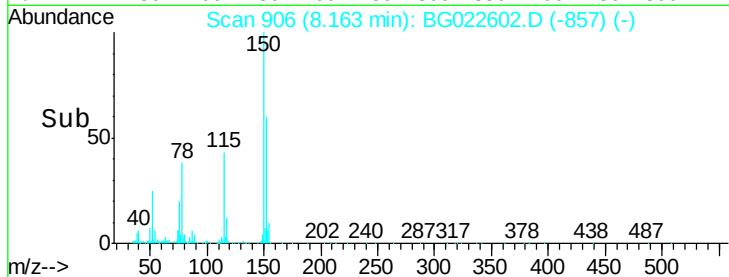
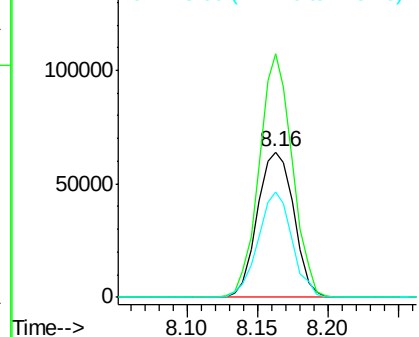
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.8	144.7	217.1
115	72.4	64.0	96.0



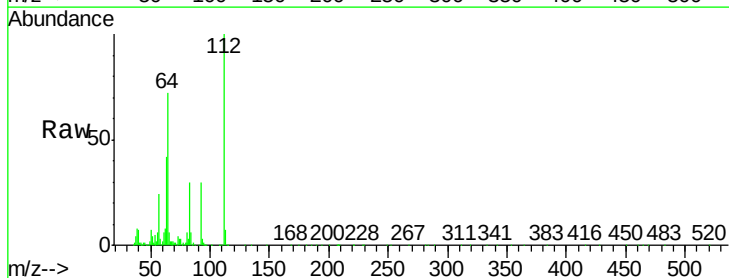
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



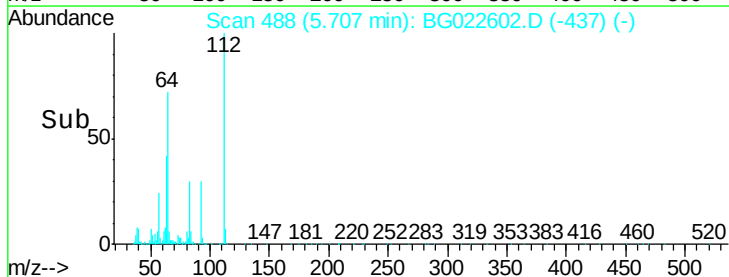
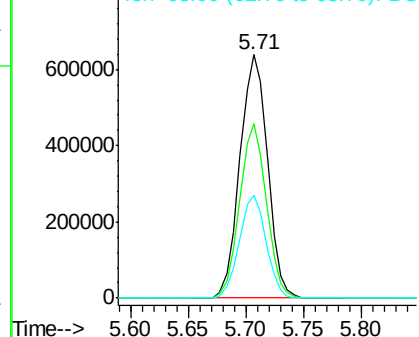
#5

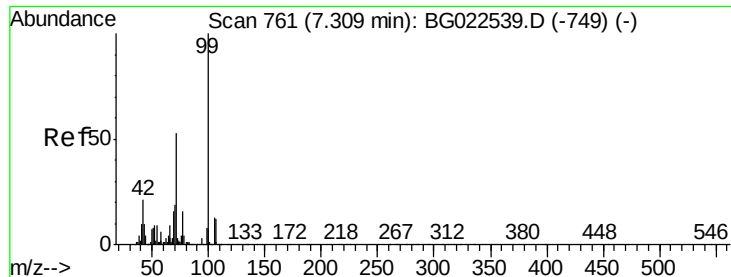
2-Fluorophenol
Concen: 146.94 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	59.0	88.4
63	42.2	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 153.74 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

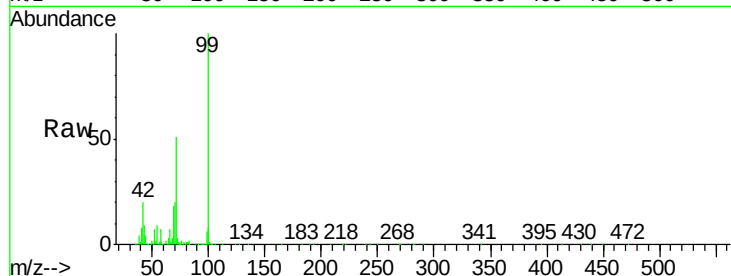
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1560391

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	51.0	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

1200000

1000000

800000

600000

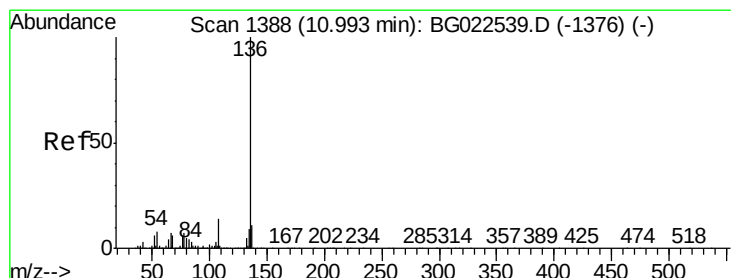
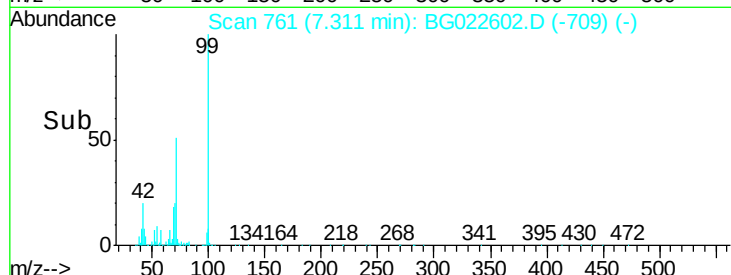
400000

200000

0

7.31

Time--> 7.20 7.25 7.30 7.35 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

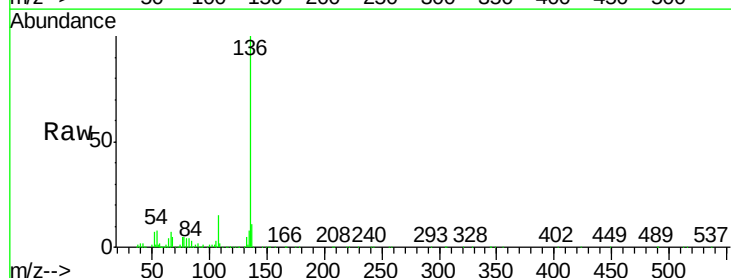
Delta R.T. -0.00 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

Tgt Ion: 136 Resp: 480097

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	7.9	7.3	10.9
68	4.8	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

400000

300000

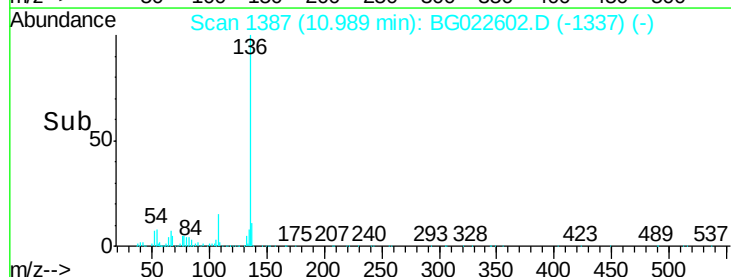
200000

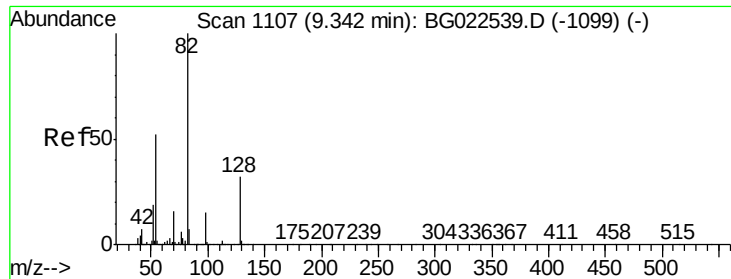
100000

0

10.99

Time--> 10.90 11.00

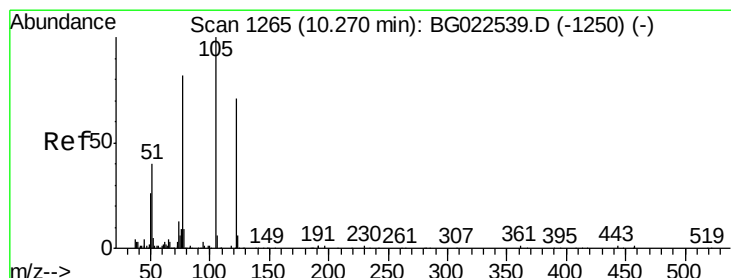
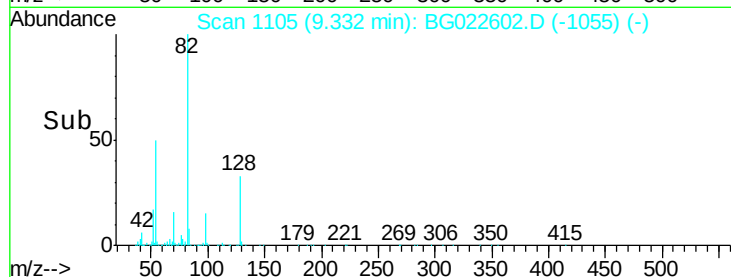
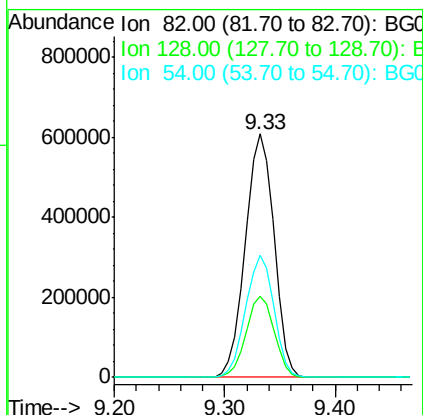
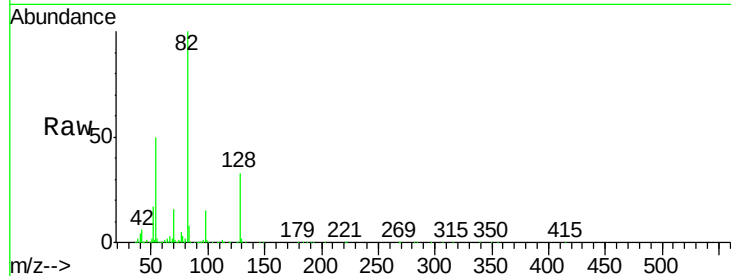




#23
Nitrobenzene-d5
Concen: 98.25 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

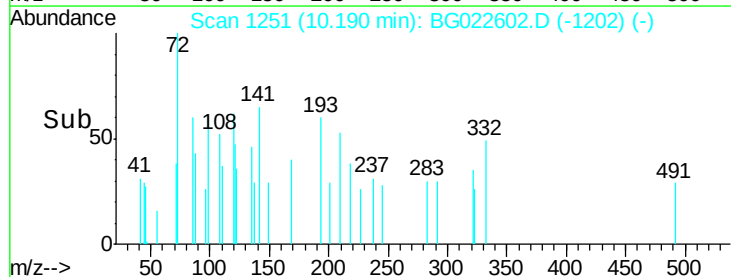
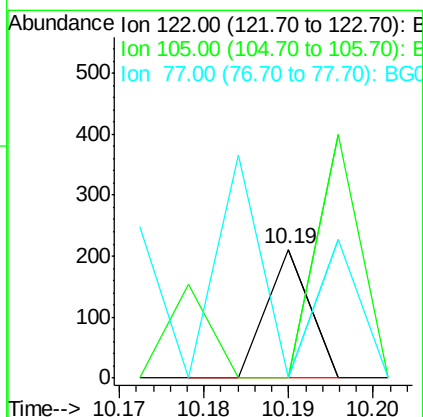
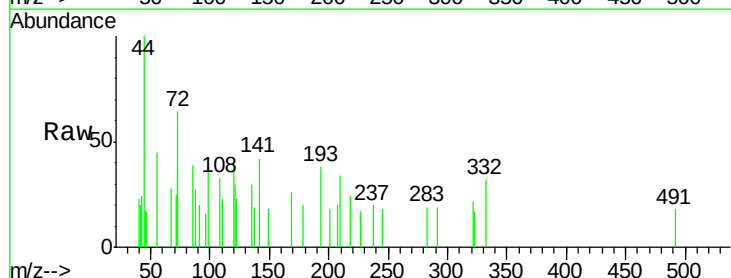
Instrument :
BNA_G
ClientSampled :

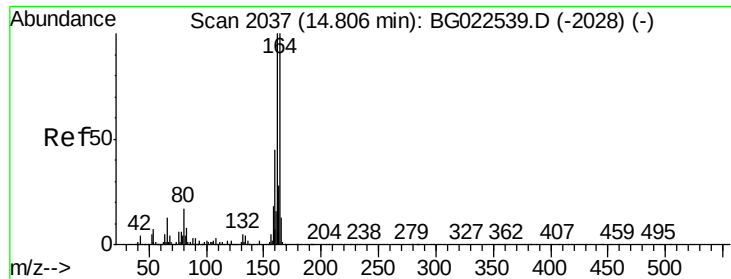
Tot Ion: 82 Resp: 1114505
Ion Ratio Lower Upper
82 100
128 33.3 24.4 36.6
54 50.0 41.4 62.0



#32
Benzoic acid
Concen: 5.13 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

Tgt Ion: 122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_G

ClientSampleId :

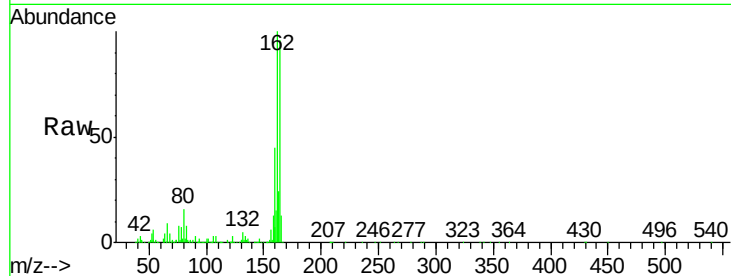
Tot Ion:164 Resp: 348741

Ion Ratio Lower Upper

164 100

162 104.7 87.7 131.5

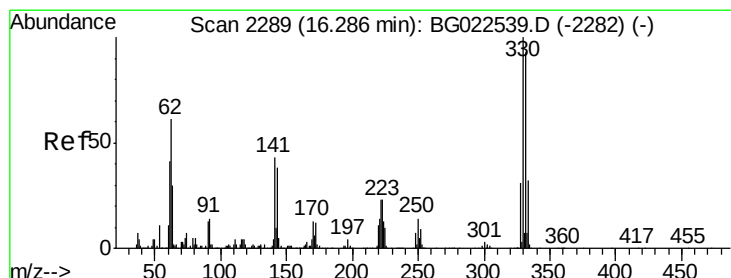
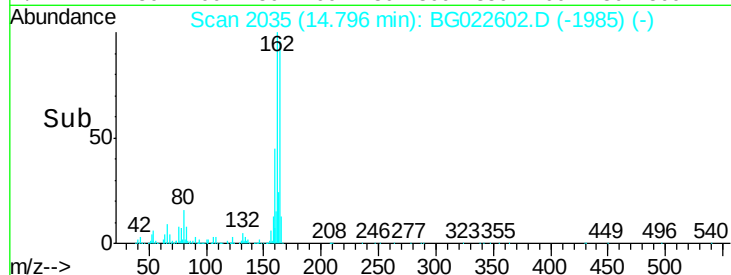
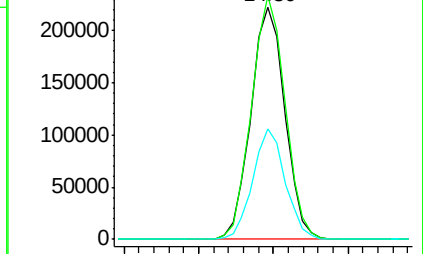
160 47.5 37.2 55.8



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: 158.16 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

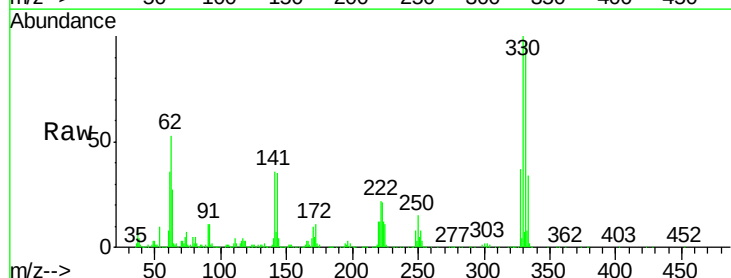
Tgt Ion:330 Resp: 867562

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

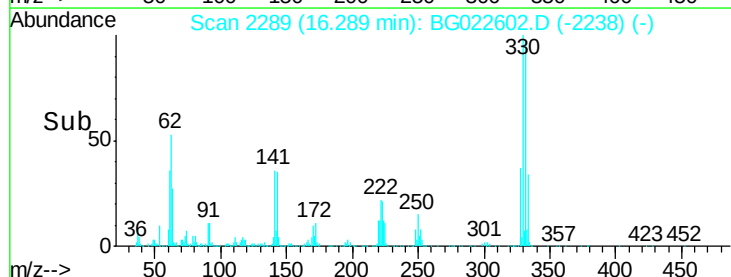
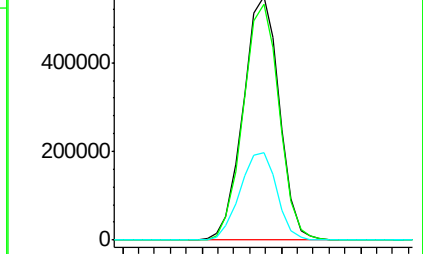
141 36.9 31.7 47.5

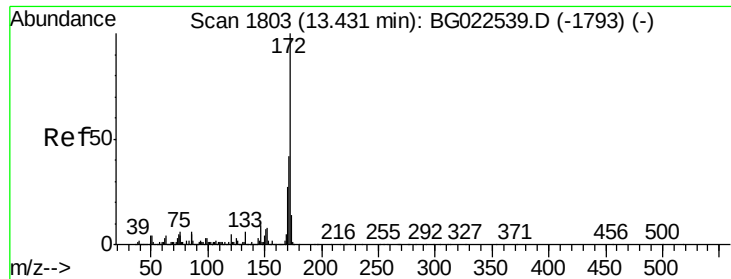


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

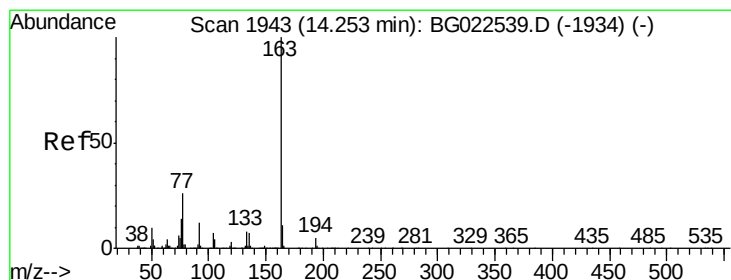
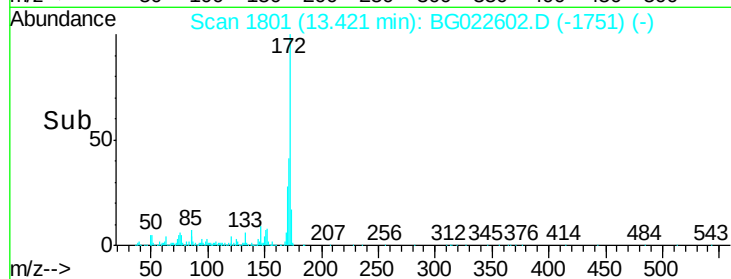
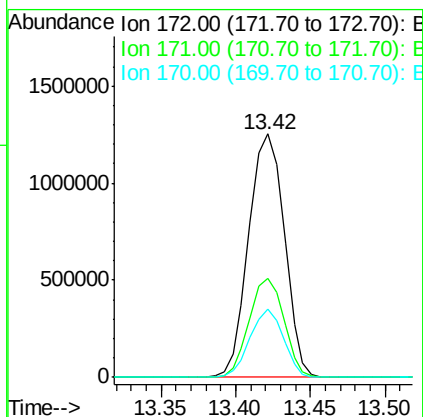
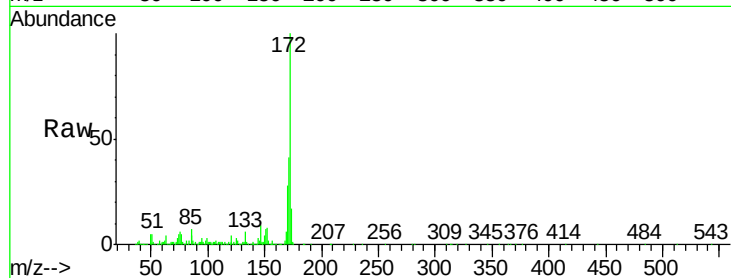




#44
2-Fluorobiphenyl
Concen: 94.24 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

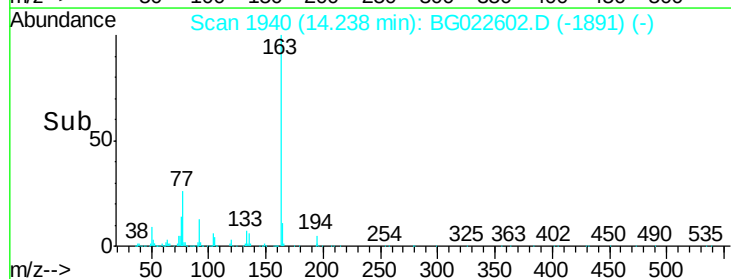
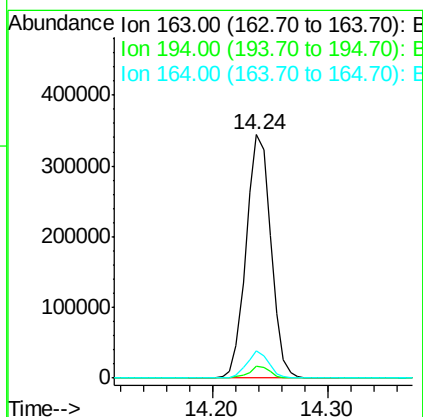
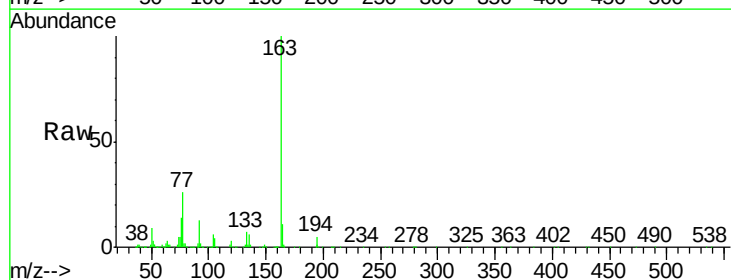
Instrument :
BNA_G
ClientSampleId :

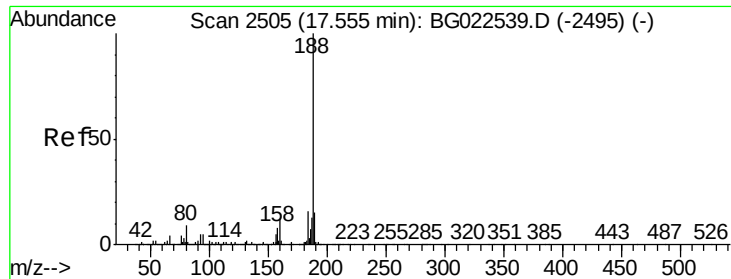
Tot Ion:172 Resp: 2072418
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 27.9 21.3 31.9



#49
Dimethylphthalate
Concen: 17.69 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

Tgt Ion:163 Resp: 511860
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 11.3 8.1 12.1

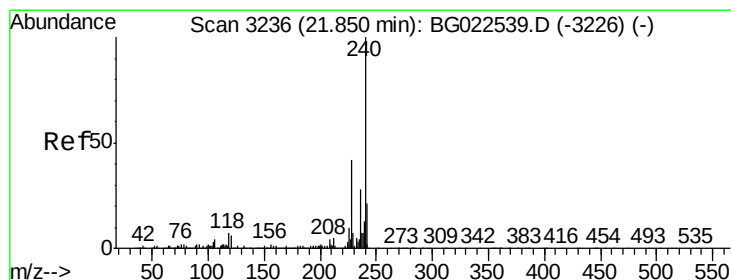
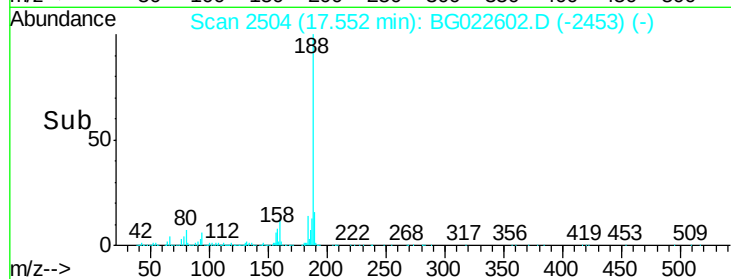
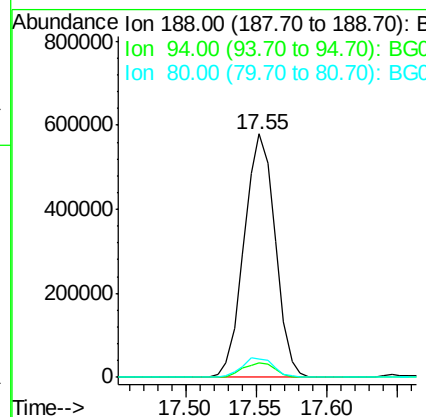
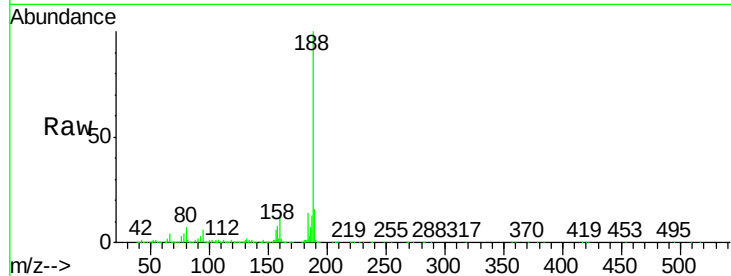




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

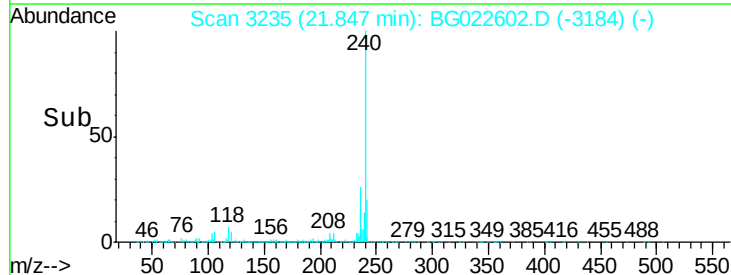
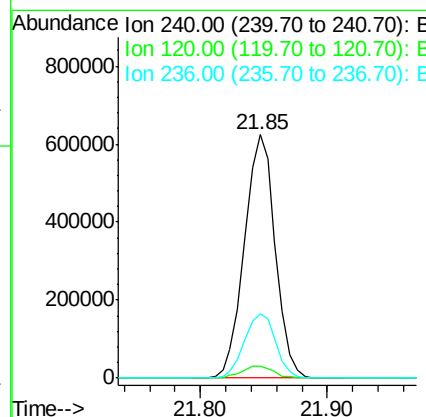
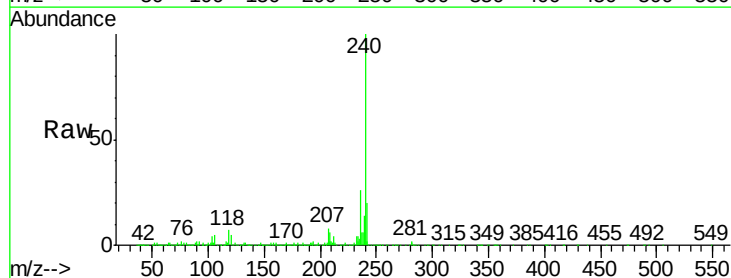
Instrument :
BNA_G
ClientSampleId :

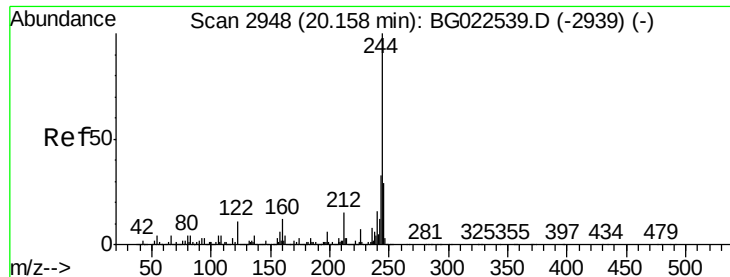
Tot Ion:188 Resp: 893494
Ion Ratio Lower Upper
188 100
94 5.7 5.2 7.8
80 7.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022602.D
Acq: 26 Jun 2016 9:25

Tgt Ion:240 Resp: 1045165
Ion Ratio Lower Upper
240 100
120 4.8 4.1 6.1
236 26.4 21.1 31.7





#78

Terphenyl-d14

Concen: 78.35 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

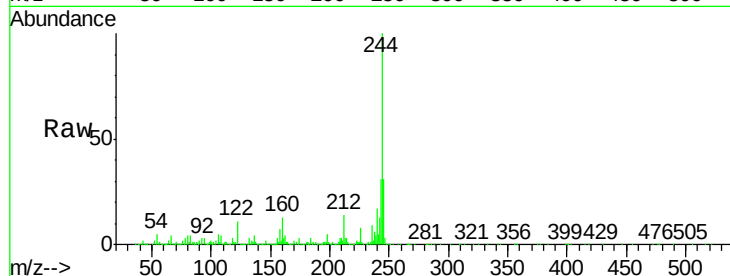
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 3090926

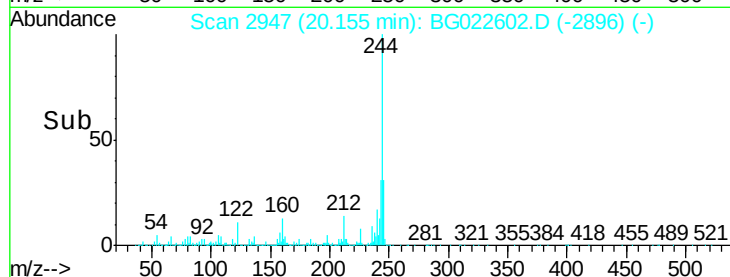
Ion	Ratio	Lower	Upper
244	100		
212	13.7	10.8	16.2
122	11.5	8.0	12.0



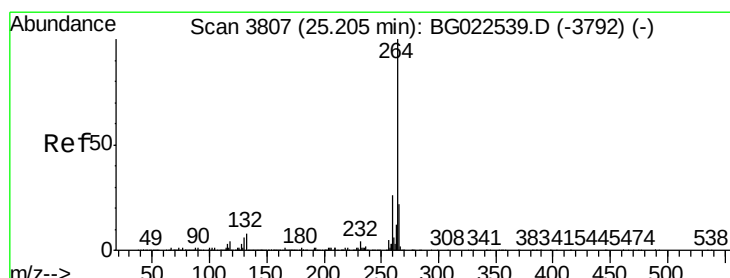
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

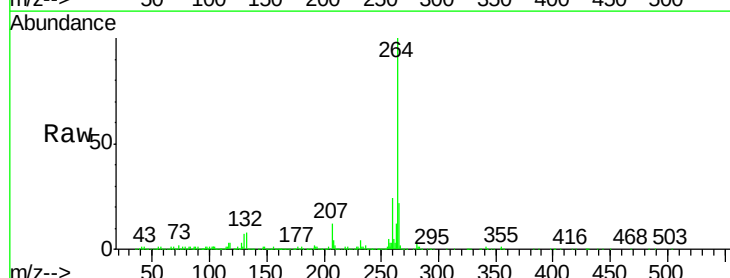
Delta R.T. 0.00 min

Lab File: BG022602.D

Acq: 26 Jun 2016 9:25

Tgt Ion:264 Resp: 1079470

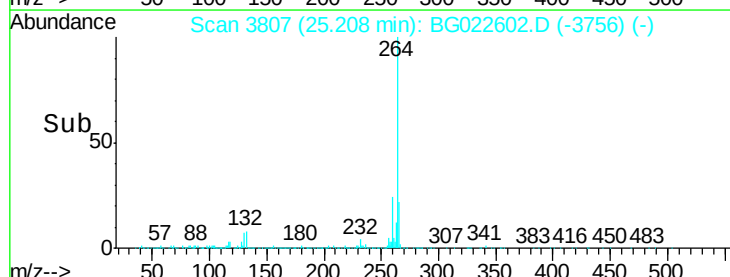
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.4	18.9	28.3



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



Time-->