

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023078.D
 Acq On : 13 Jul 2016 20:31
 Operator : UM/SJ
 Sample : H3981-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-02

Quant Time: Jul 14 01:02:56 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

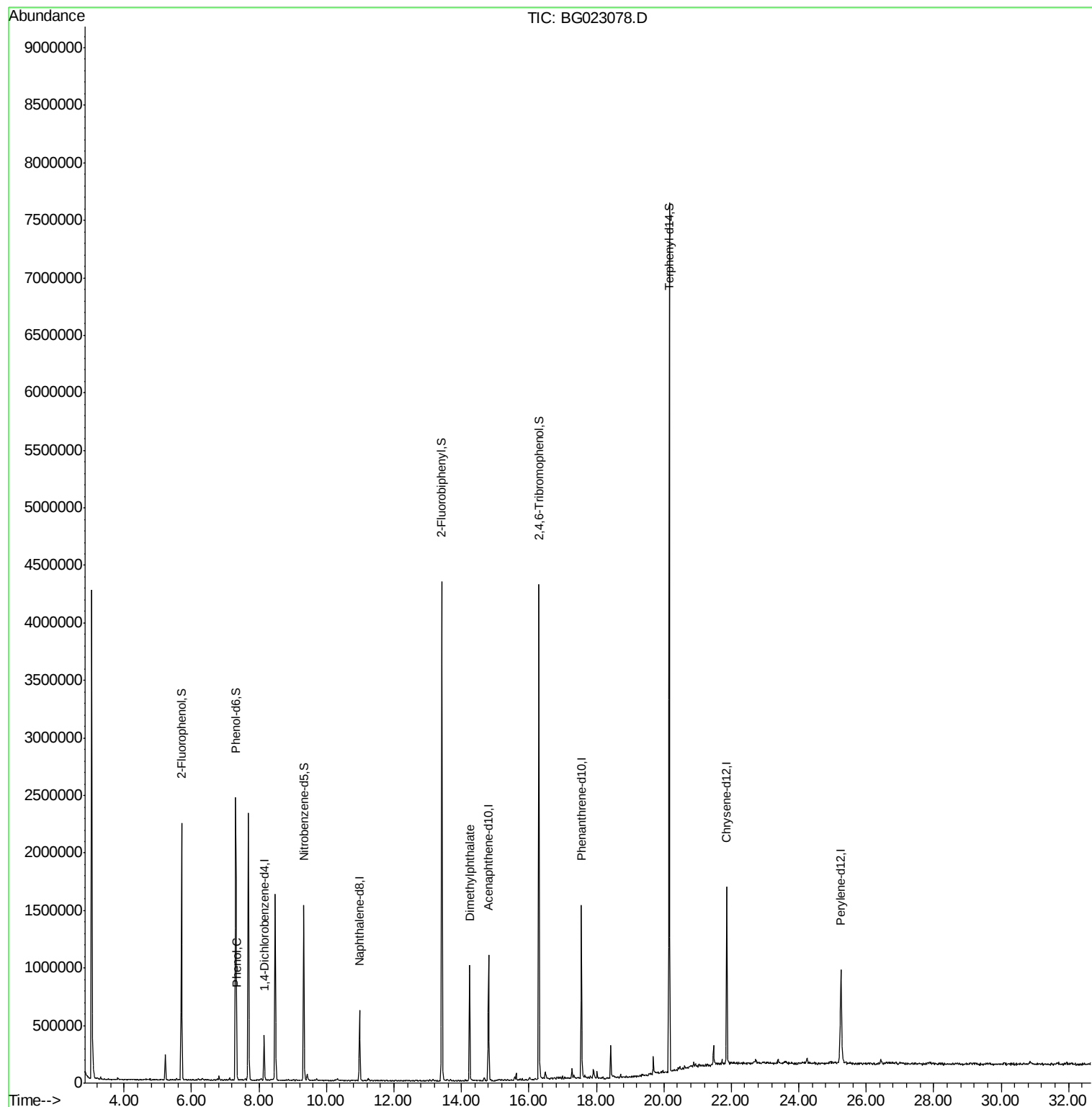
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	101103	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	478760	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	380938	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	912109	20.00	ng	0.00
75) Chrysene-d12	21.86	240	956889	20.00	ng	0.02
86) Perylene-d12	25.25	264	949766	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	874397	141.45	ng	0.00
7) Phenol-d6	7.31	99	1404020	145.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	1015529	90.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	812406	118.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2093580	86.57	ng	0.00
78) Terphenyl-d14	20.16	244	2869038	103.15	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25443	2.55	ng	Qvalue # 80
49) Dimethylphthalate	14.24	163	635015	20.41	ng	99

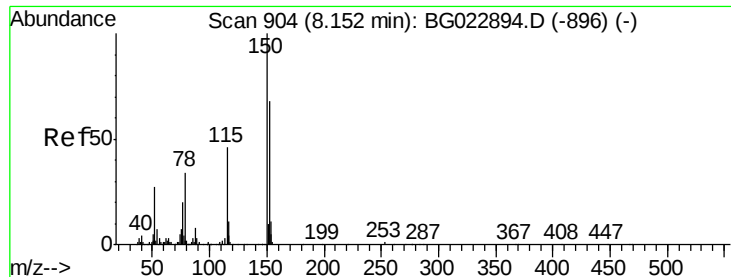
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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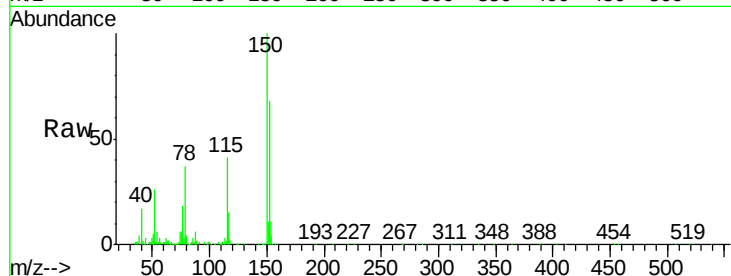


#1

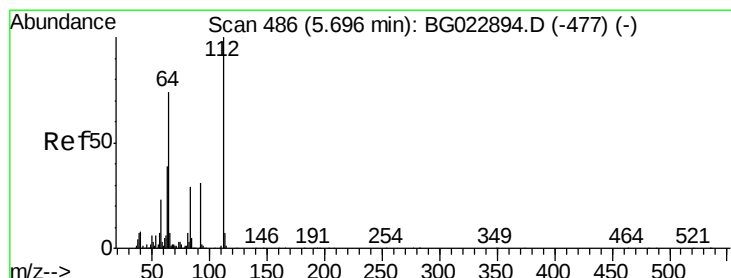
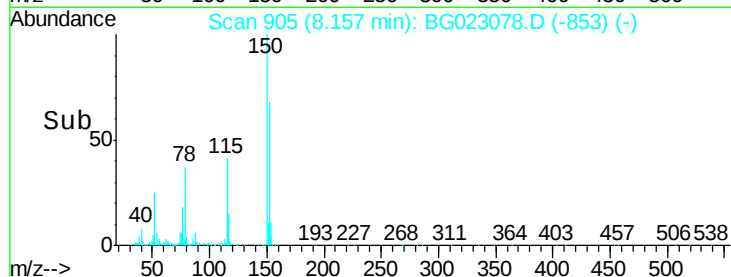
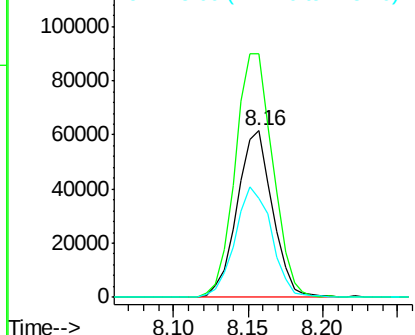
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Instrument :
BNA_G
ClientSampleId :
C4.1-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	144.7	217.1
115	59.7	64.0	96.0



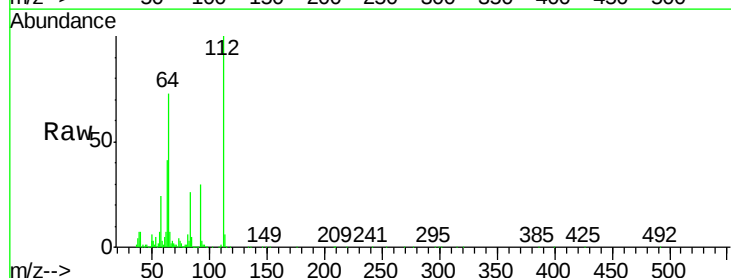
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



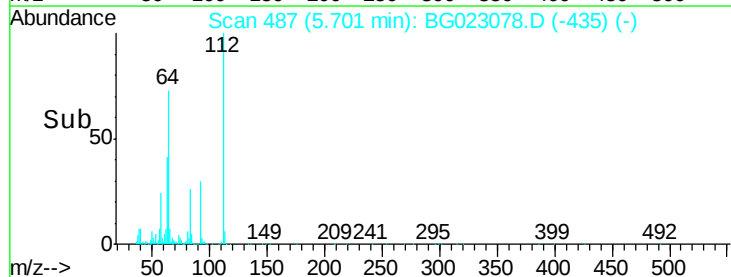
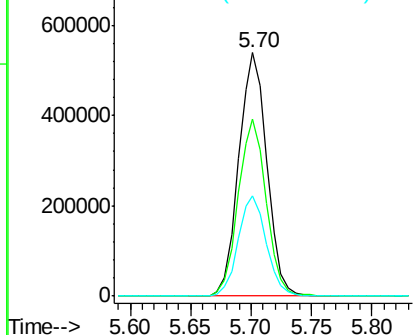
#5

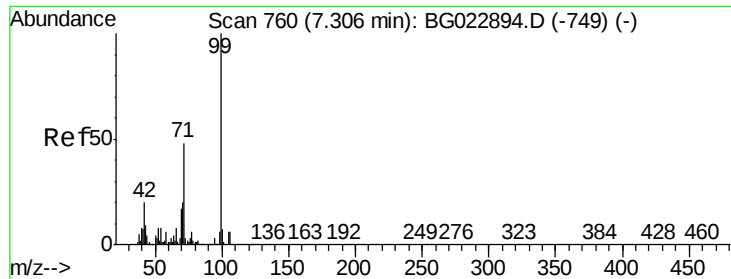
2-Fluorophenol
Concen: 141.45 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	41.2	37.8	56.8



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





#7

Phenol-d6

Concen: 145.01 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

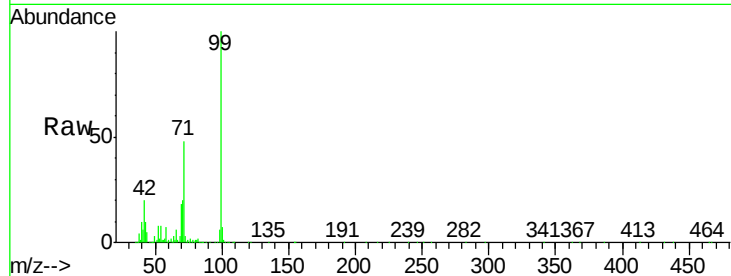
BNA_G

ClientSampleId :

C4.1-02

Tot Ion: 99 Resp: 1404020

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	48.3	41.5	62.3

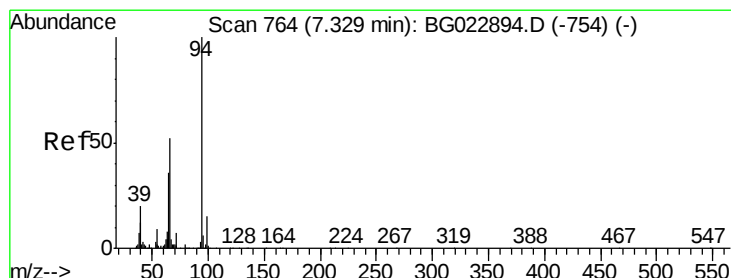
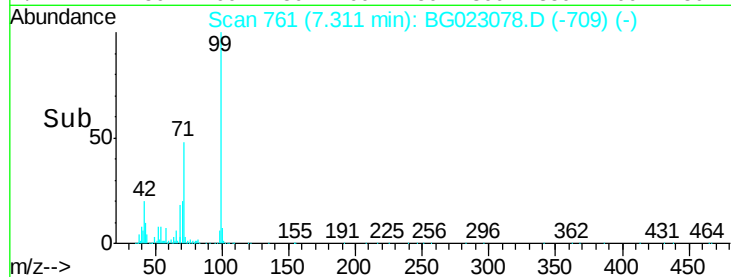
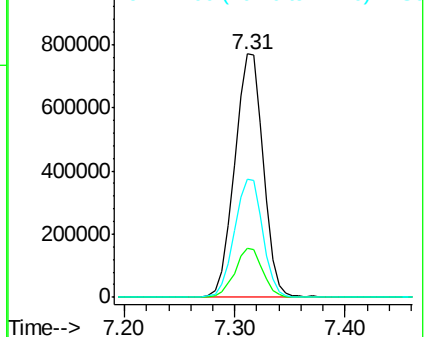


Abundance

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



#10

Phenol

Concen: 2.55 ng

RT: 7.34 min Scan# 766

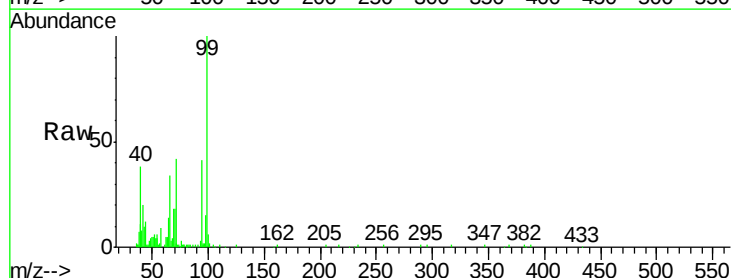
Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Tgt Ion: 94 Resp: 25443

Ion	Ratio	Lower	Upper
94	100		
65	35.0	18.1	58.1
66	84.1	42.1	82.1#

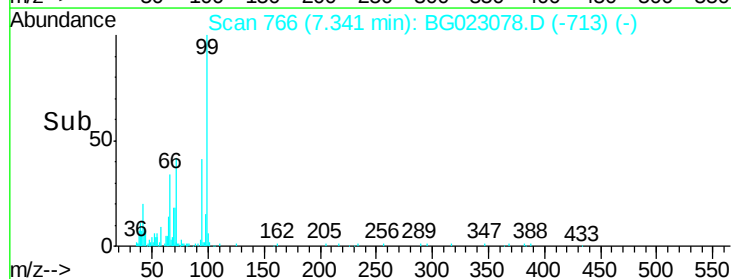
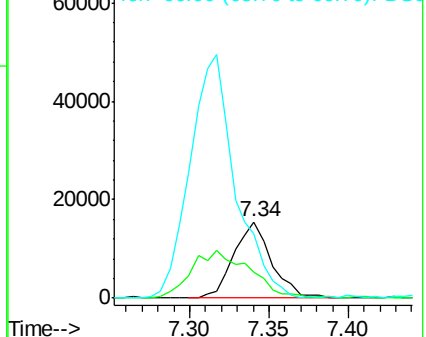


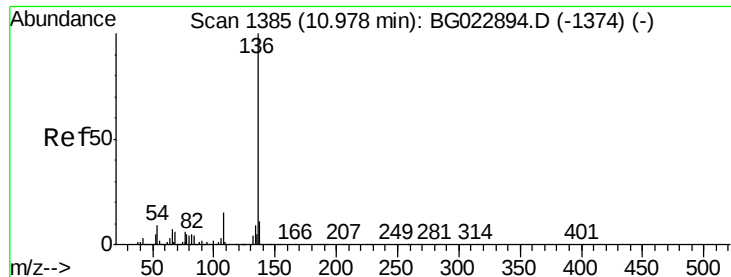
Abundance

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

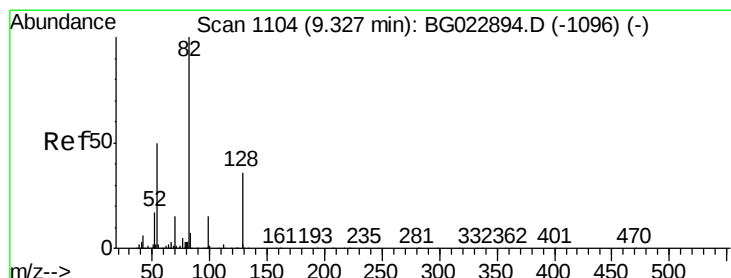
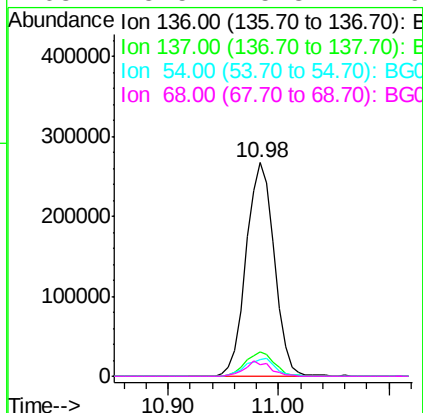
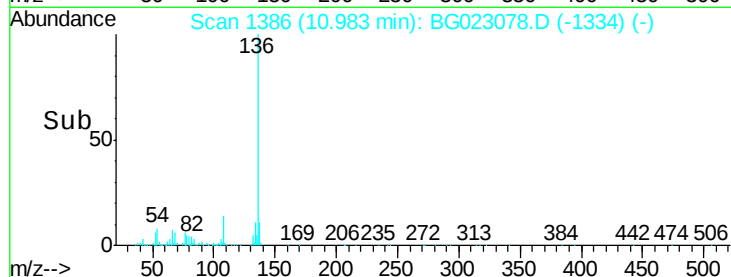
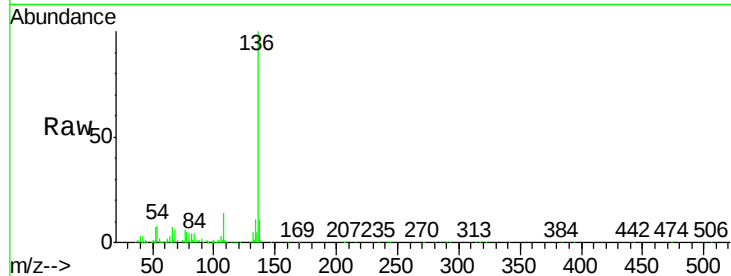




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

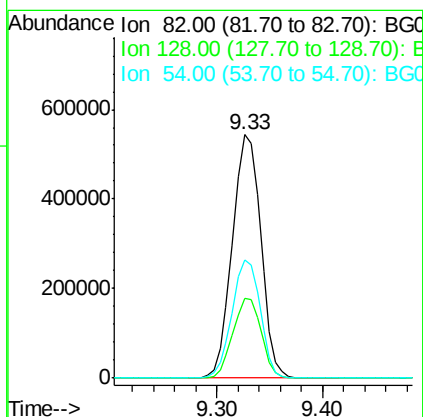
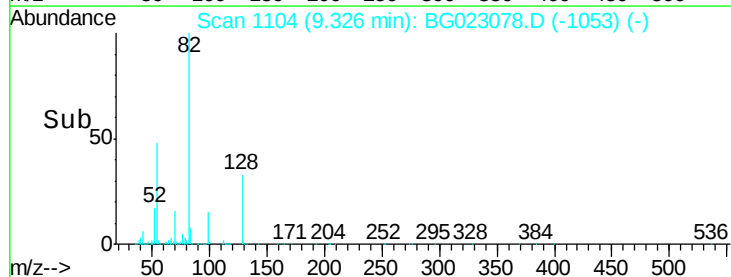
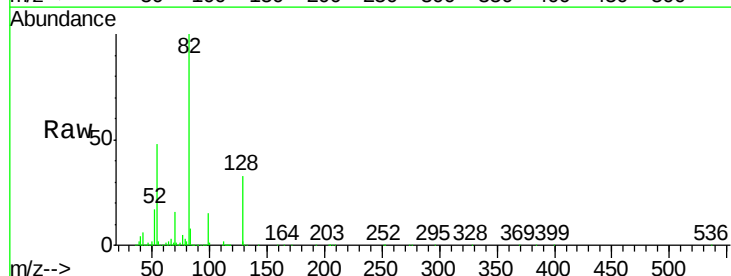
Instrument :
BNA_G
ClientSampleId :
C4.1-02

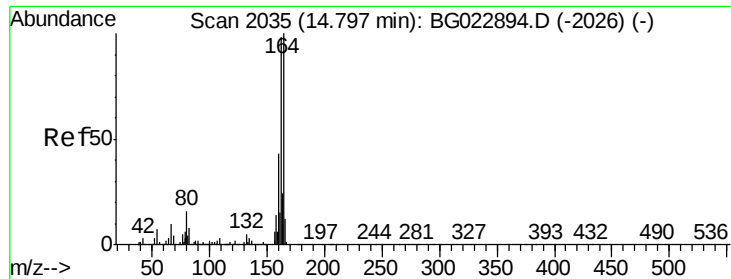
Tot Ion:136	Resp:	478760	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 8.0	7.3	10.9	
68 5.5	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 90.83 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion: 82	Resp: 1015529
Ion Ratio	Lower Upper
82 100	
128 32.8	24.4 36.6
54 48.4	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

BNA_G

ClientSampleId :

C4.1-02

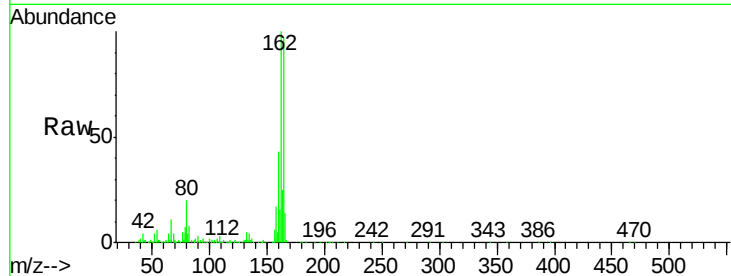
Tot Ion:164 Resp: 380938

Ion Ratio Lower Upper

164 100

162 102.6 87.7 131.5

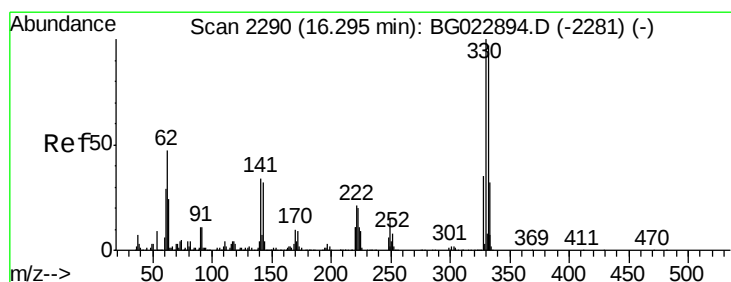
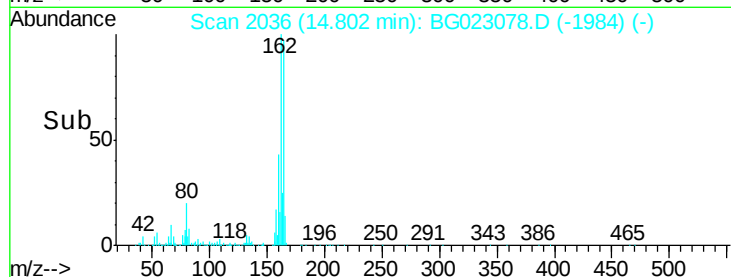
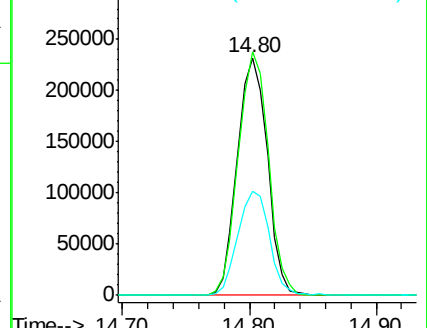
160 43.8 37.2 55.8



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: 118.66 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

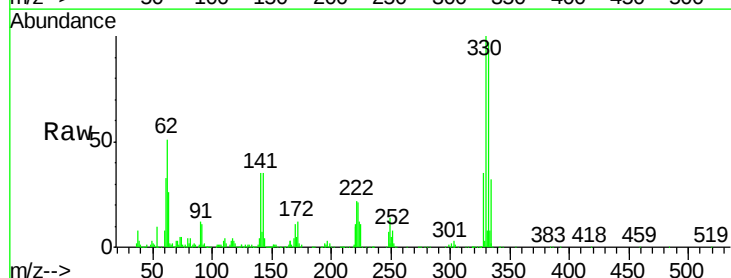
Tgt Ion:330 Resp: 812406

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

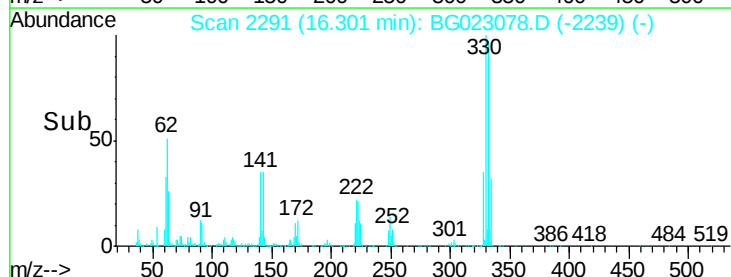
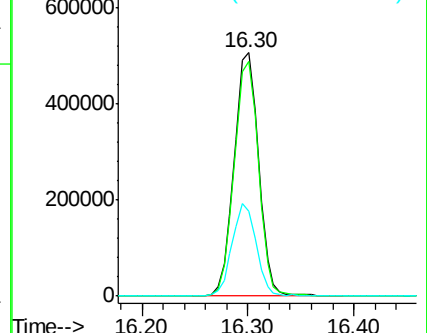
141 37.4 31.7 47.5

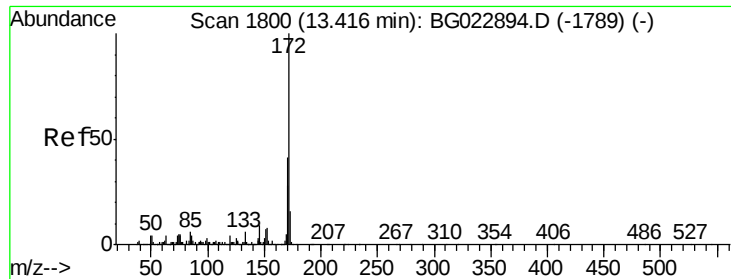


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

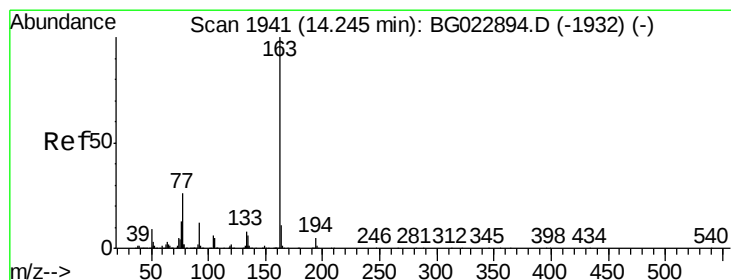
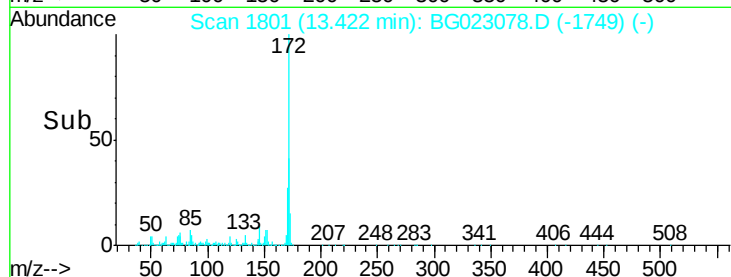
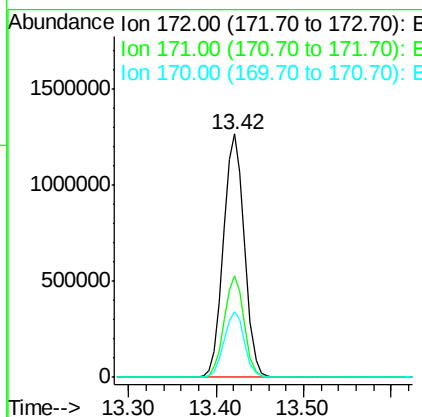
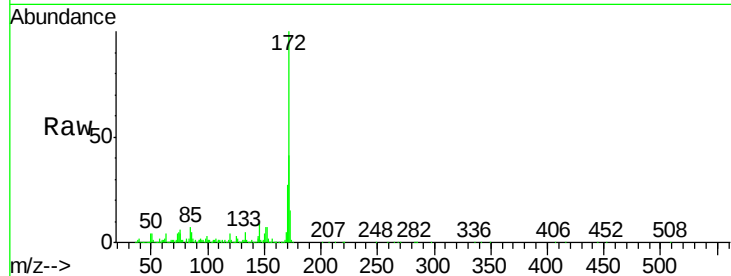




#44
2-Fluorobiphenyl
Concen: 86.57 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

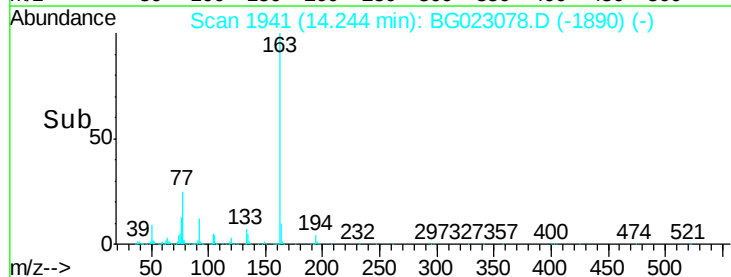
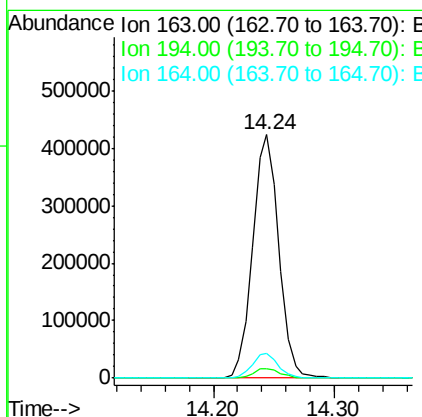
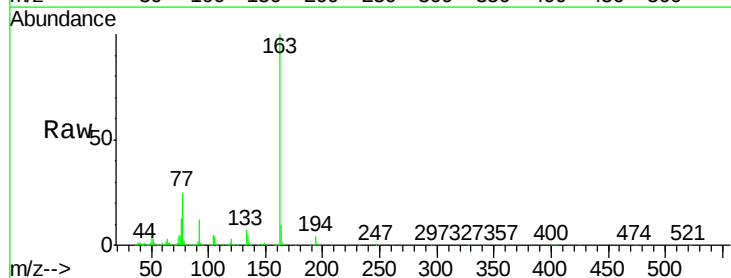
Instrument :
BNA_G
ClientSampleId :
C4.1-02

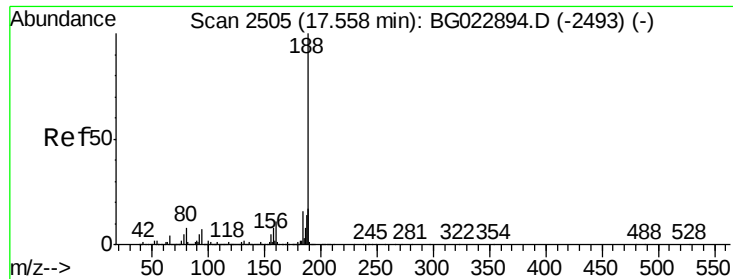
Tot Ion:172 Resp: 2093580
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 26.9 21.3 31.9



#49
Dimethylphthalate
Concen: 20.41 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion:163 Resp: 635015
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.2 8.1 12.1

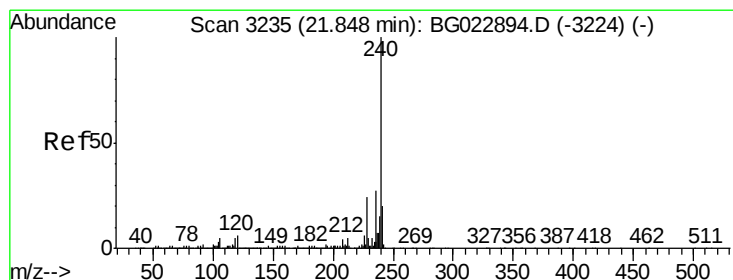
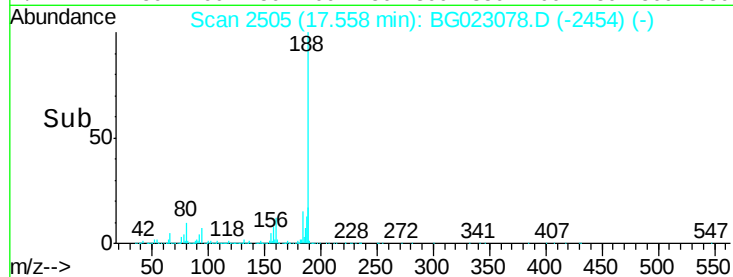
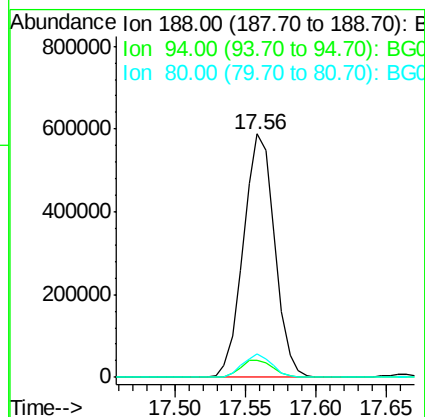
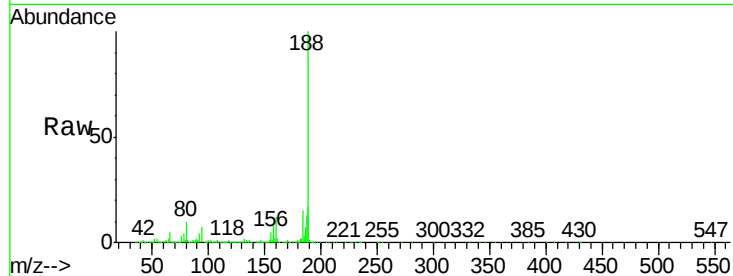




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

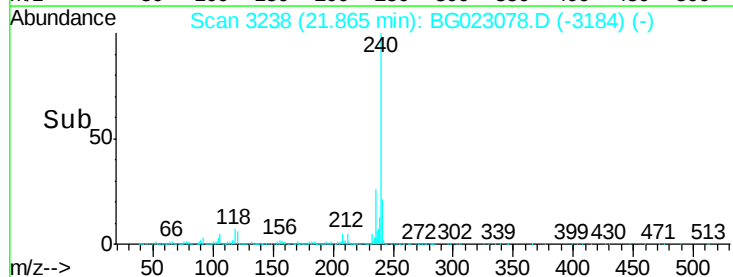
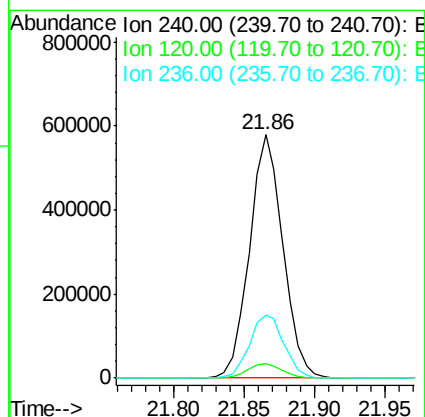
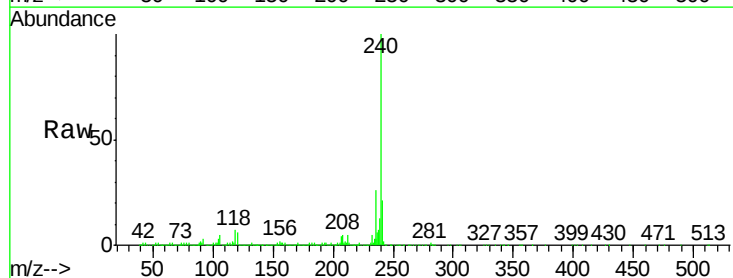
Instrument :
BNA_G
ClientSampleId :
C4.1-02

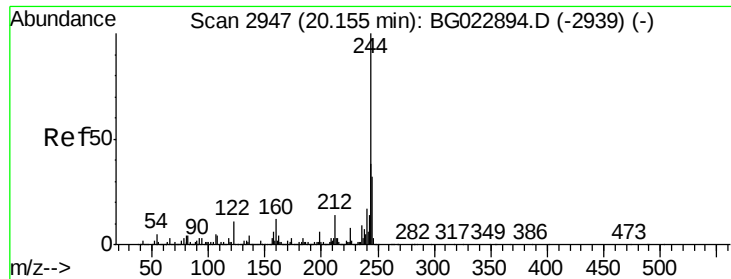
Tot Ion:188 Resp: 912109
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 9.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023078.D
Acq: 13 Jul 2016 20:31

Tgt Ion:240 Resp: 956889
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 26.0 21.1 31.7





#78

Terphenyl-d14

Concen: 103.15 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

Instrument :

BNA_G

ClientSampleId :

C4.1-02

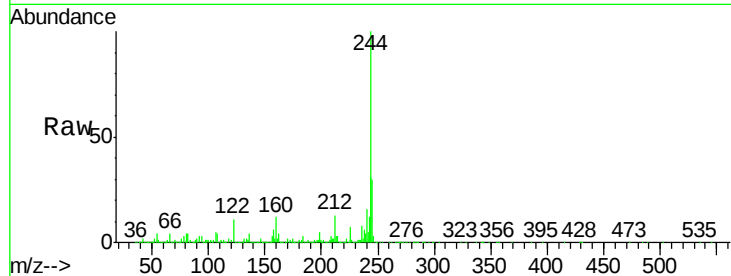
Tot Ion:244 Resp: 2869038

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	10.7	8.0	12.0

244 100

212 13.2 10.8 16.2

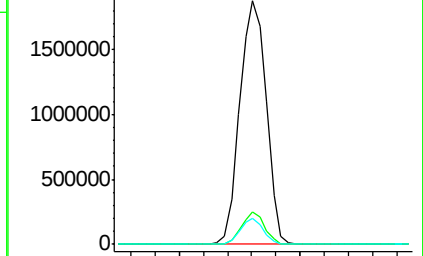
122 10.7 8.0 12.0



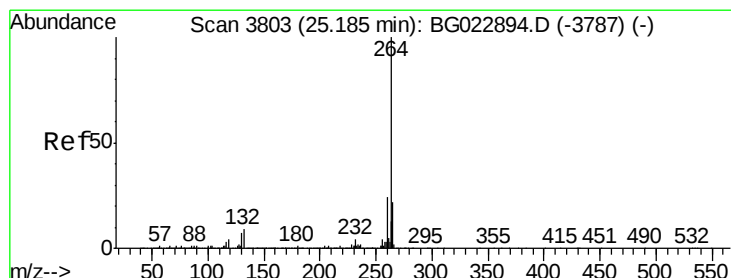
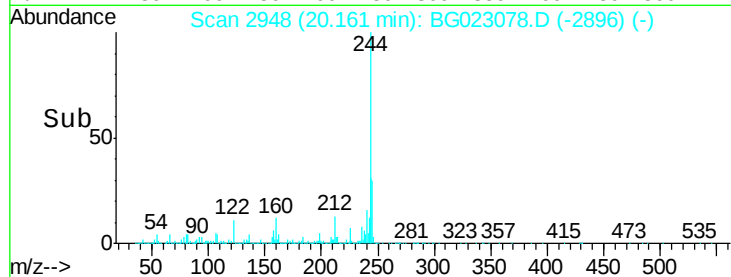
Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023078.D

Acq: 13 Jul 2016 20:31

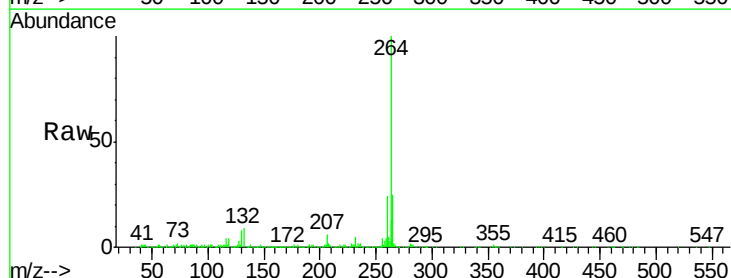
Tgt Ion:264 Resp: 949766

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	25.3	18.9	28.3

264 100

260 23.7 18.4 27.6

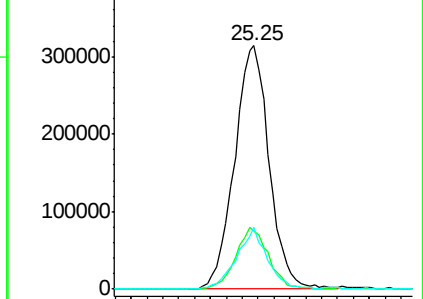
265 25.3 18.9 28.3



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-->

