

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
 Data File : BG022957.D
 Acq On : 9 Jul 2016 8:45
 Operator : UM/SJ
 Sample : H3927-03
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0003

Quant Time: Jul 11 01:19:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

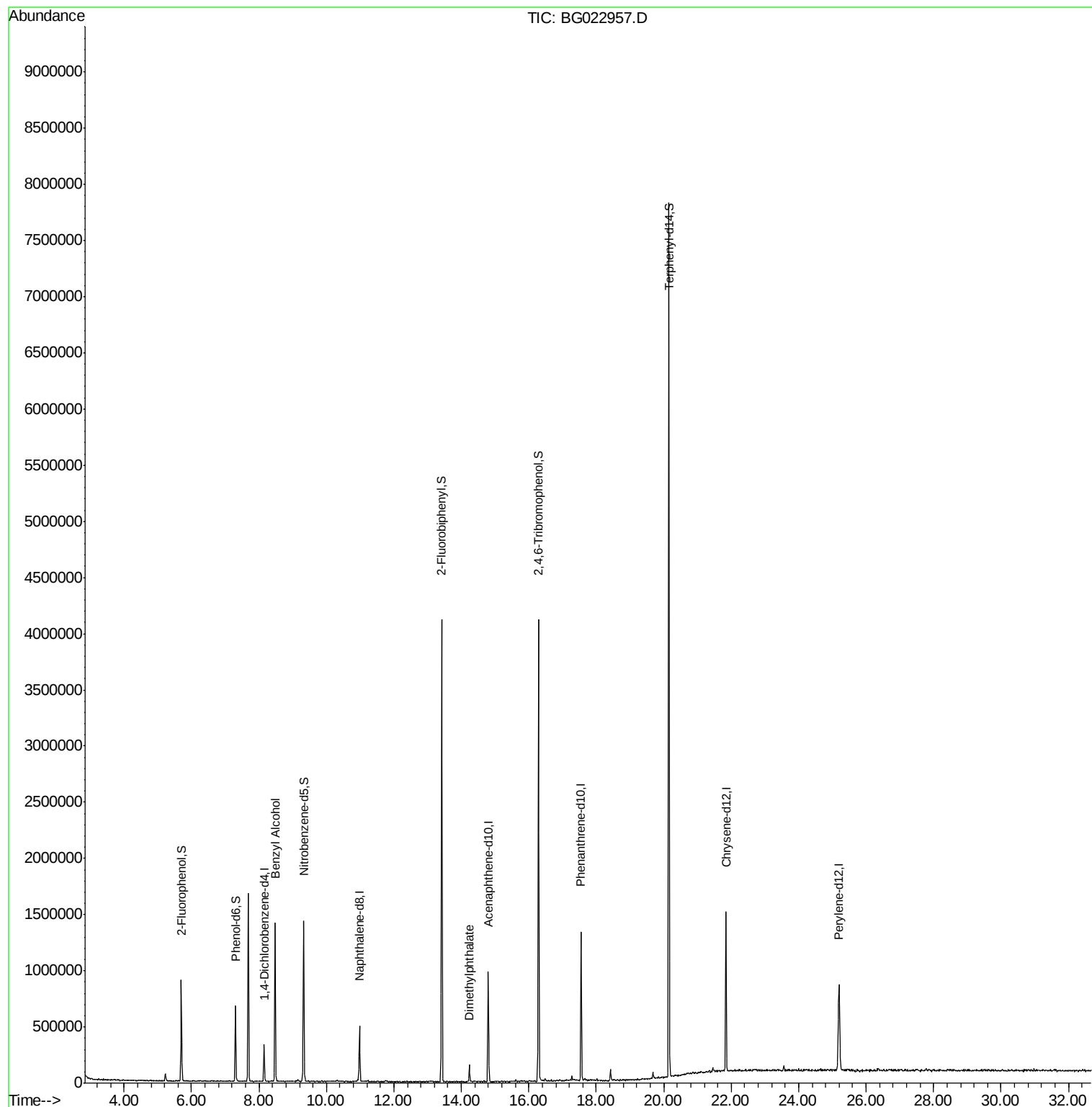
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	82011	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	399660	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	323578	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	805667	20.00	ng	0.00
75) Chrysene-d12	21.85	240	888891	20.00	ng	0.00
86) Perylene-d12	25.20	264	896815	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	367334	73.26	ng	0.00
7) Phenol-d6	7.30	99	374544	47.69	ng	0.00
23) Nitrobenzene-d5	9.33	82	935623	100.24	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	768760	132.19	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2054252	100.00	ng	0.00
78) Terphenyl-d14	20.15	244	2961815	129.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	15532	2.16	ng	# 68
49) Dimethylphthalate	14.24	163	92230	3.49	ng	# 97

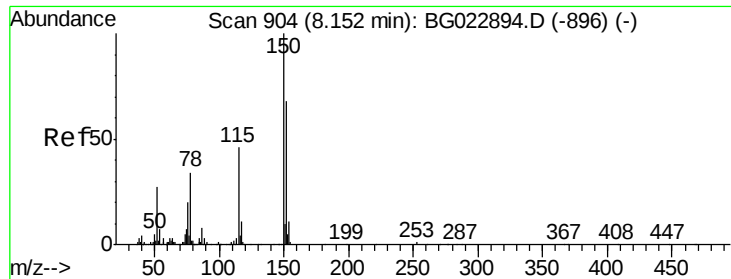
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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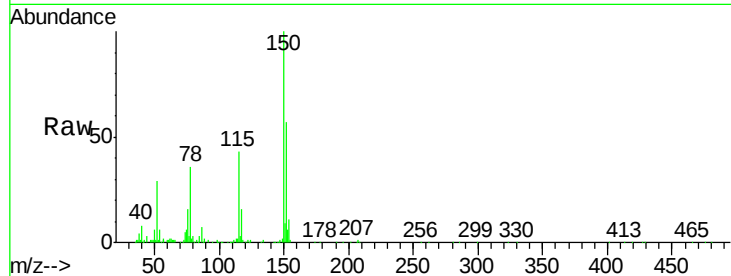


#1

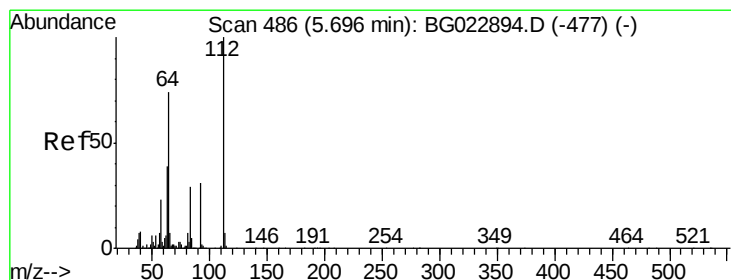
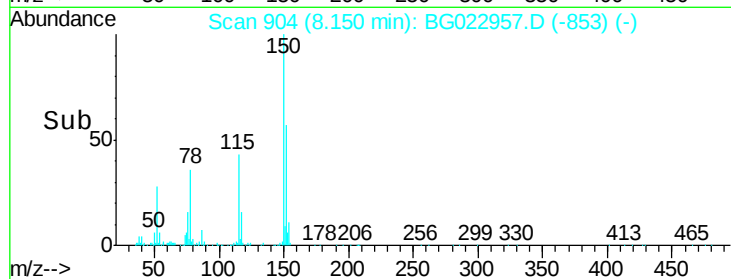
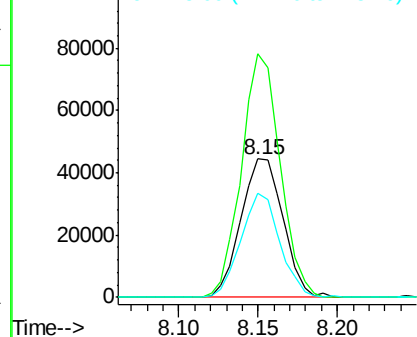
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
S22-0003

Tgt Ion	Ratio	Lower	Upper
152	100		
150	176.1	144.7	217.1
115	75.0	64.0	96.0



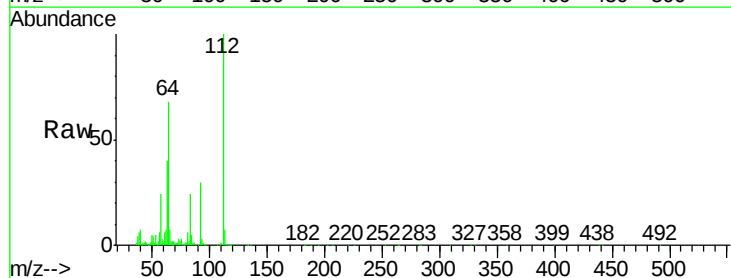
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



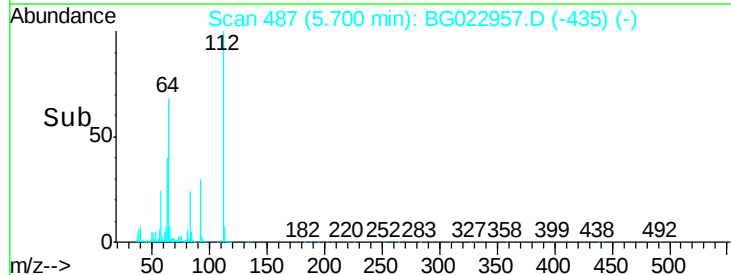
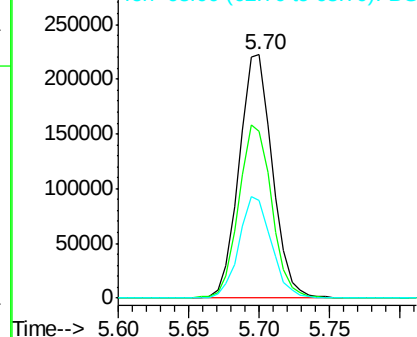
#5

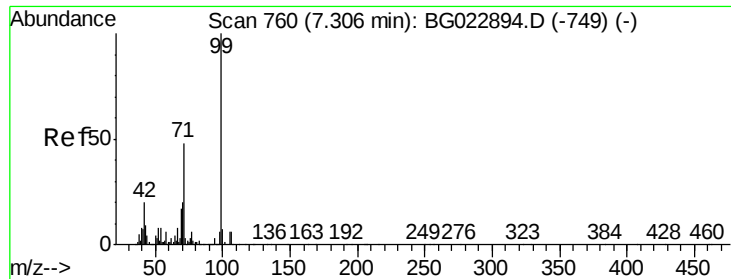
2-Fluorophenol
Concen: 73.26 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	40.3	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: 47.69 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

Instrument :

BNA_G

ClientSampled :

S22-0003

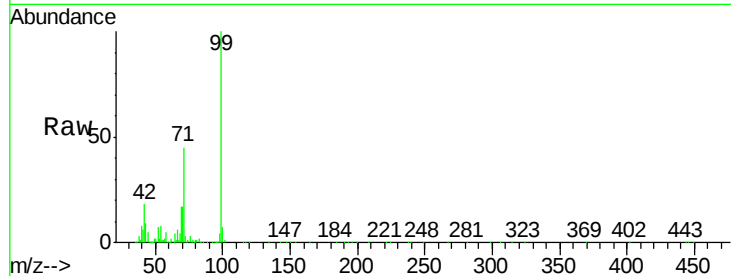
Tgt Ion: 99 Resp: 374544

Ion Ratio Lower Upper

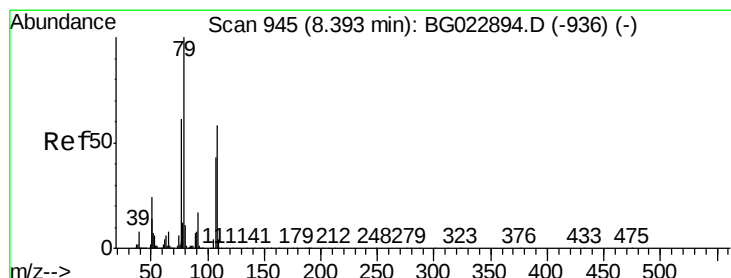
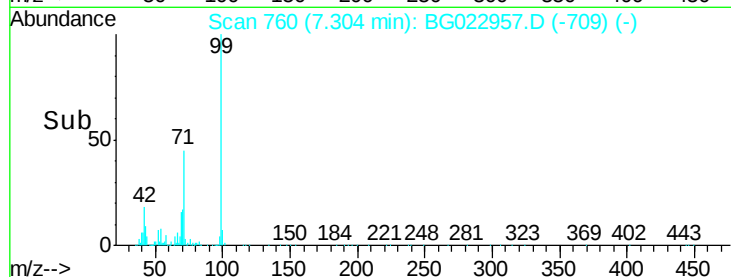
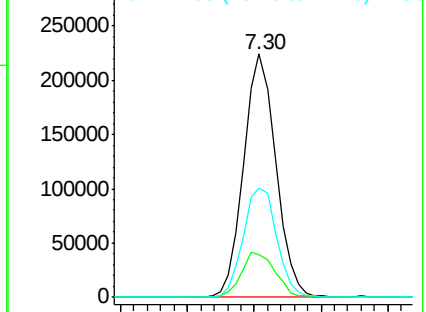
99 100

42 17.6 17.8 26.6#

71 44.7 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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.09 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

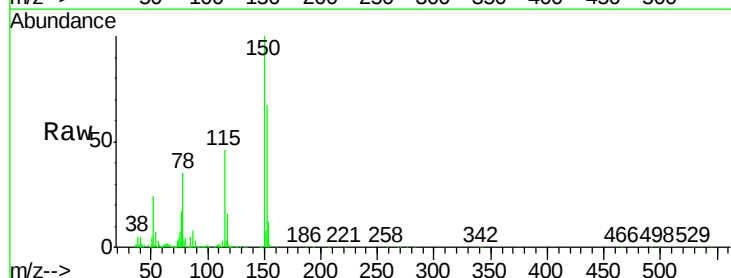
Tgt Ion: 79 Resp: 15532

Ion Ratio Lower Upper

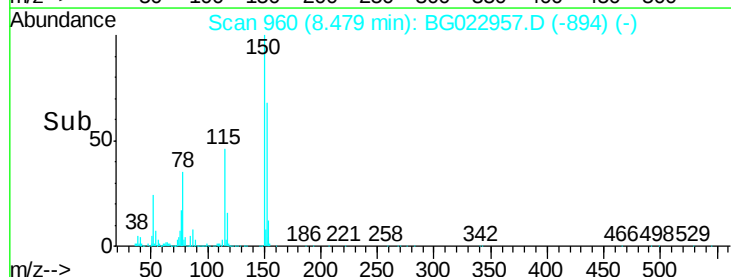
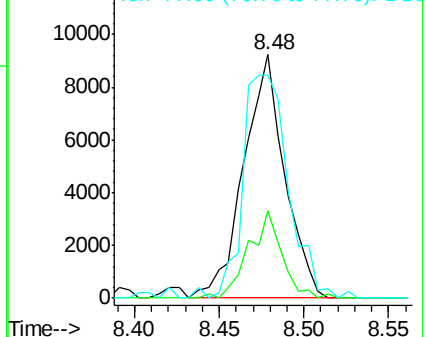
79 100

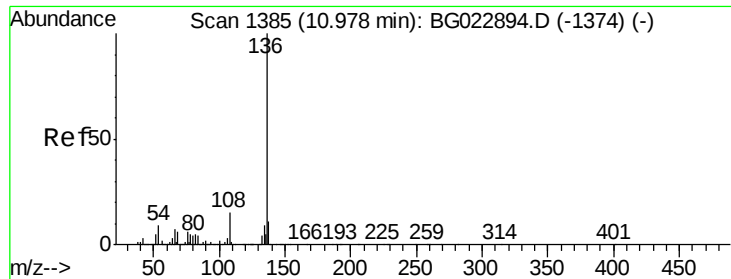
108 36.0 46.5 69.7#

77 91.9 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

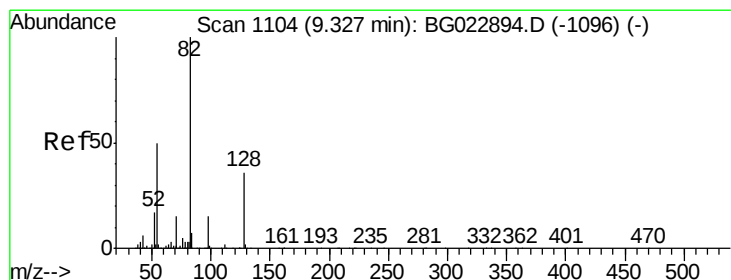
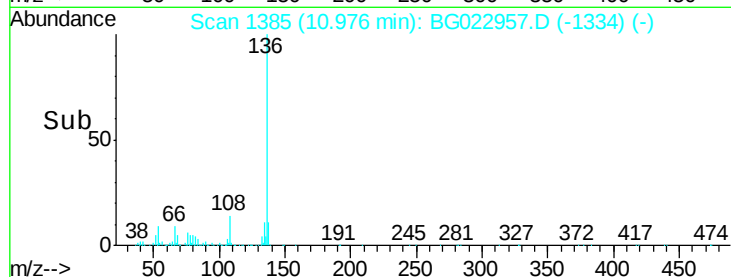
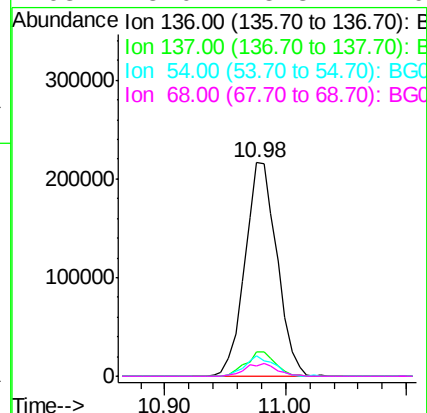
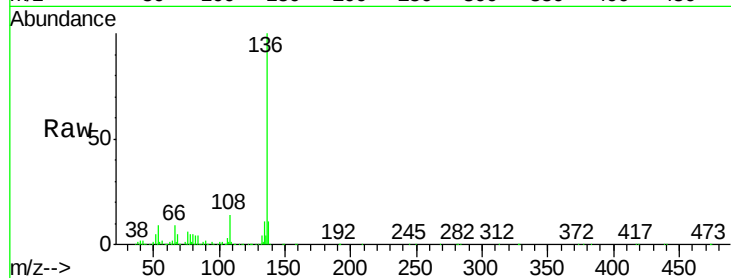




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

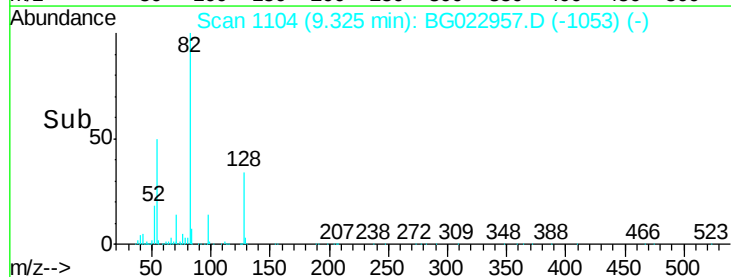
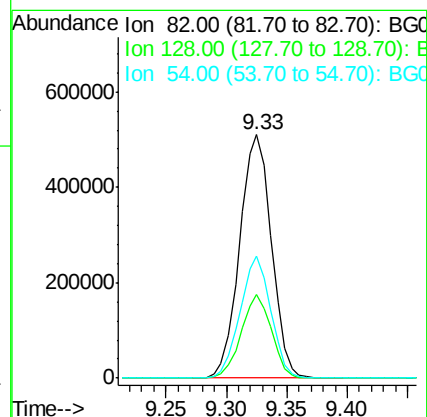
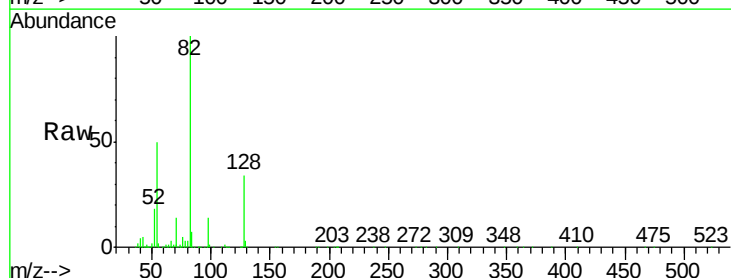
Instrument :
BNA_G
ClientSampleId :
S22-0003

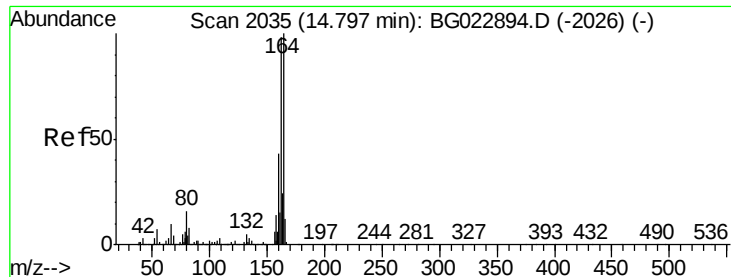
Tgt Ion:	136	Resp:	399660
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.6	14.4
54	9.5	7.3	10.9
68	5.0	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 100.24 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

Tgt Ion:	82	Resp:	935623
Ion Ratio	Lower	Upper	
82	100		
128	34.3	24.4	36.6
54	50.2	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

S22-0003

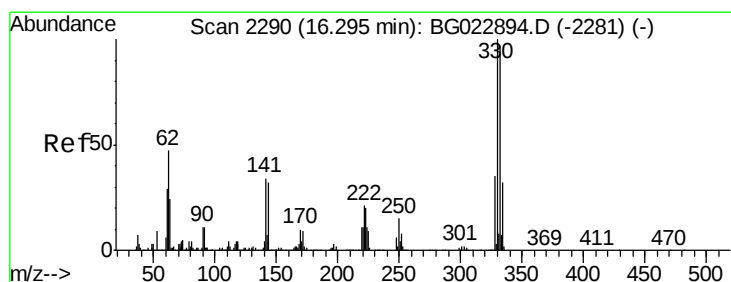
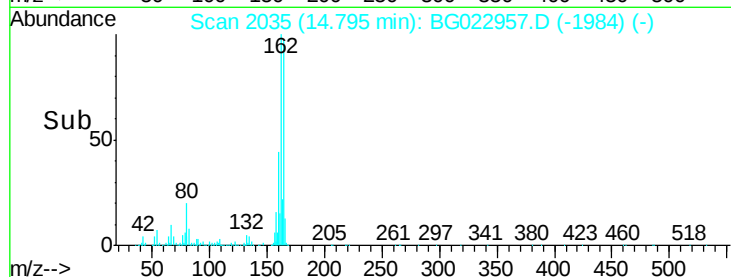
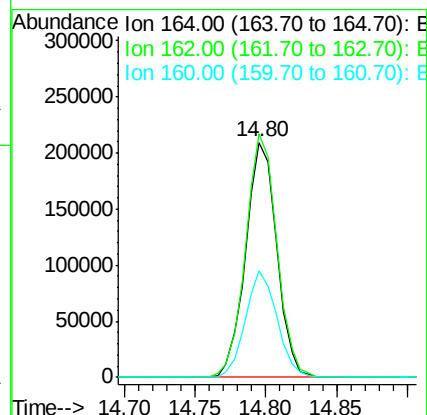
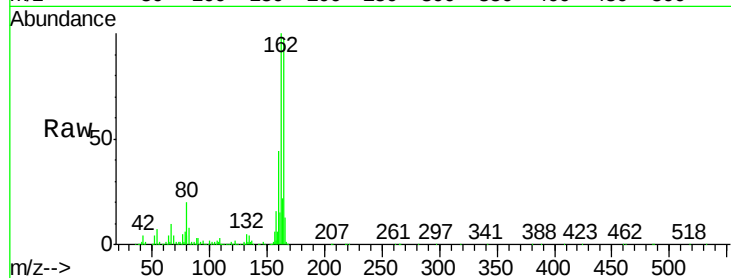
Tgt Ion:164 Resp: 323578

Ion Ratio Lower Upper

164 100

162 103.5 87.7 131.5

160 45.1 37.2 55.8



#41

2,4,6-Tribromophenol

Concen: 132.19 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

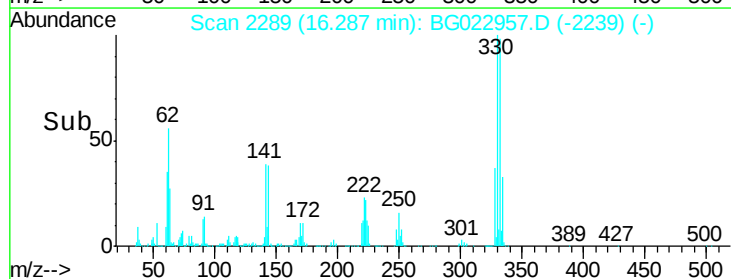
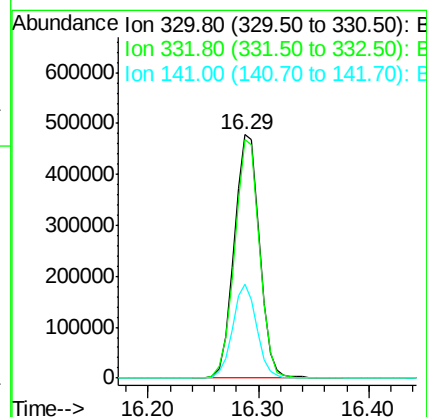
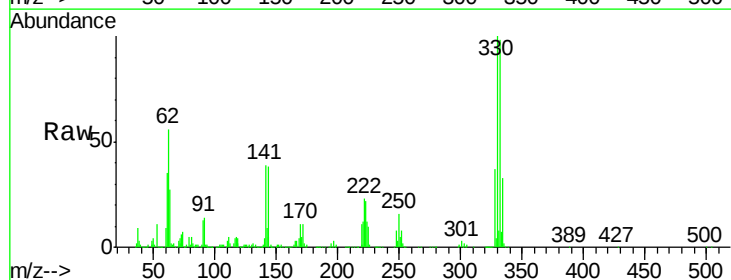
Tgt Ion:330 Resp: 768760

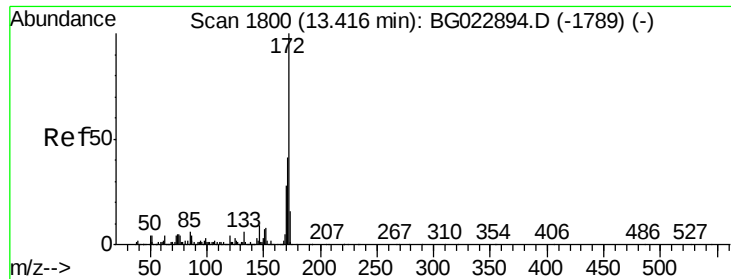
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 36.8 31.7 47.5

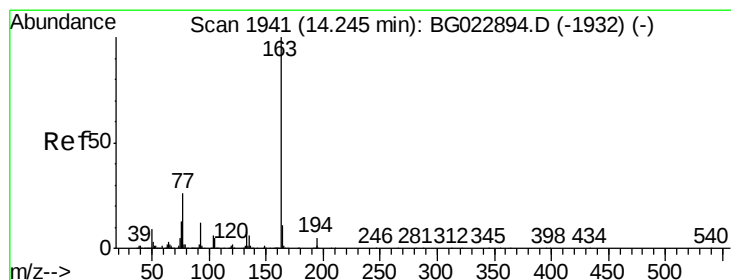
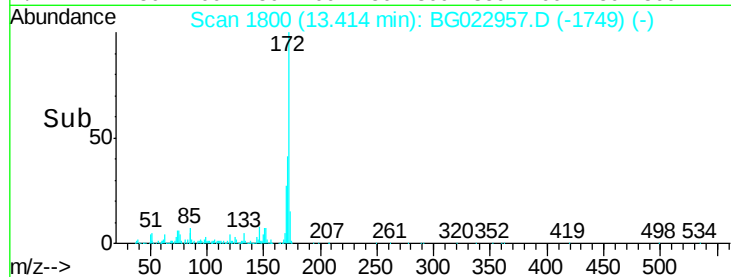
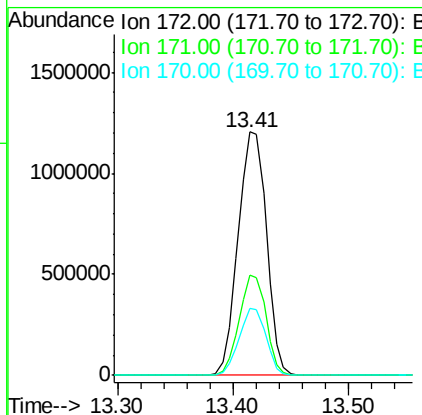
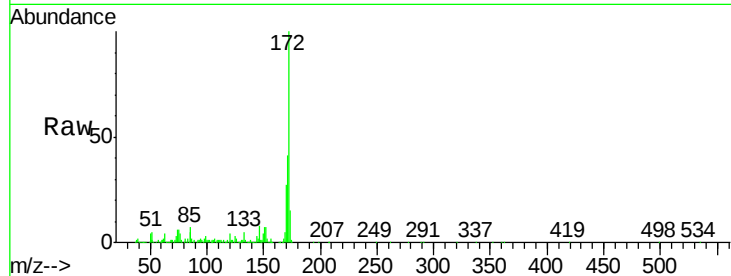




#44
2-Fluorobiphenyl
Concen: 100.00 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

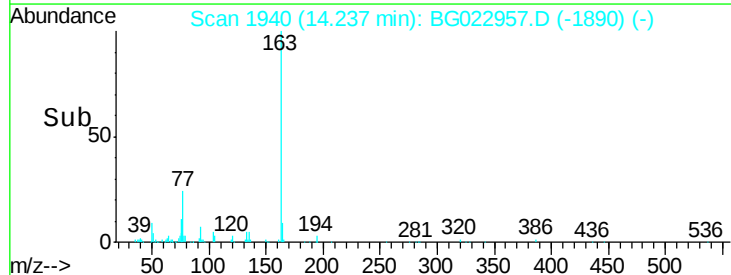
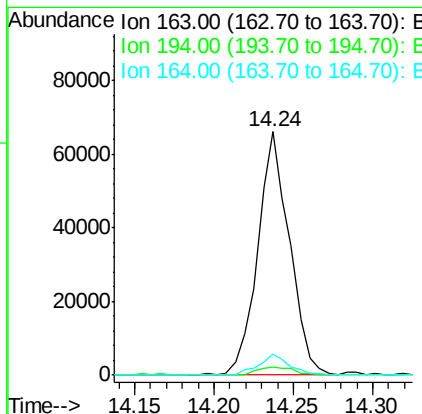
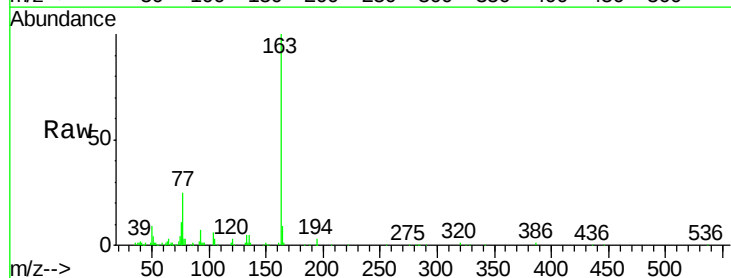
Instrument :
BNA_G
ClientSampleId :
S22-0003

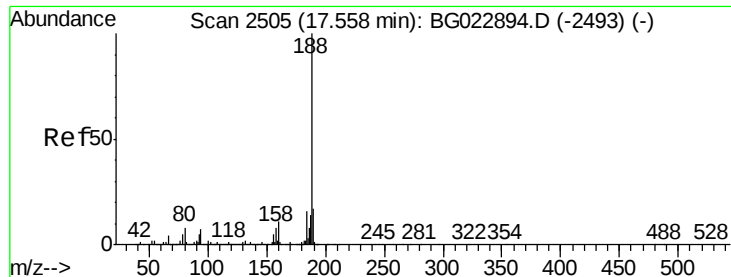
Tgt Ion:172 Resp: 2054252
Ion Ratio Lower Upper
172 100
171 41.3 31.6 47.4
170 27.3 21.3 31.9



#49
Dimethylphthalate
Concen: 3.49 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

Tgt Ion:163 Resp: 92230
Ion Ratio Lower Upper
163 100
194 3.4 3.6 5.4#
164 8.8 8.1 12.1

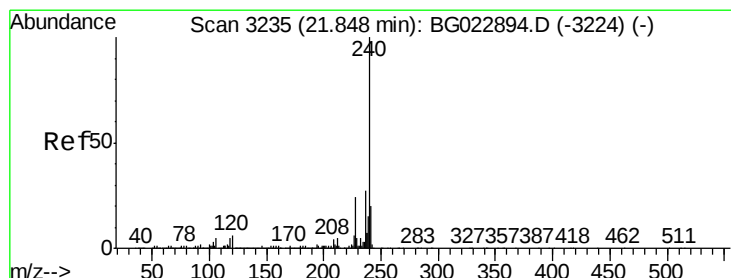
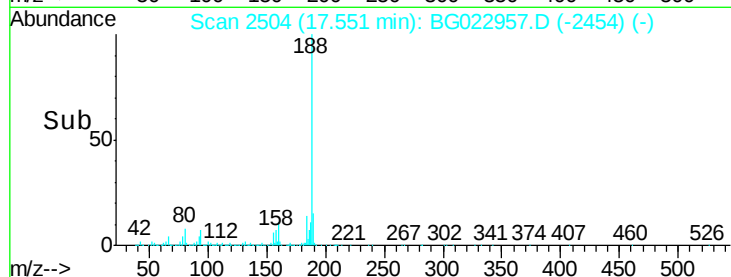
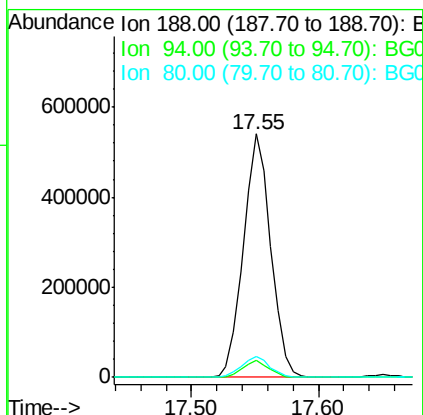
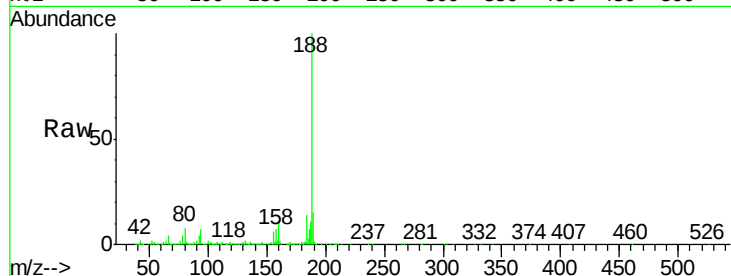




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

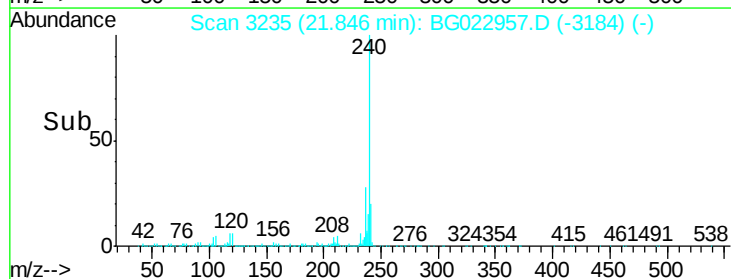
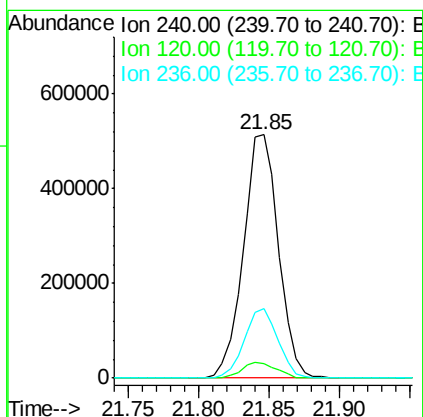
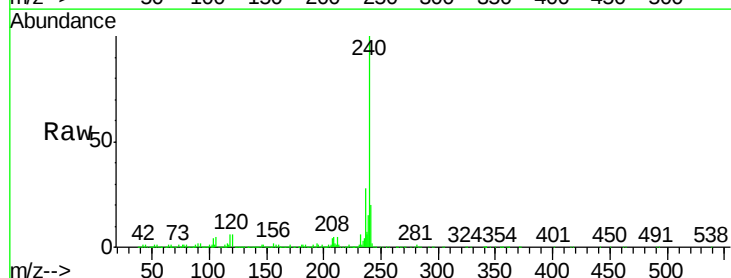
Instrument :
BNA_G
ClientSampleId :
S22-0003

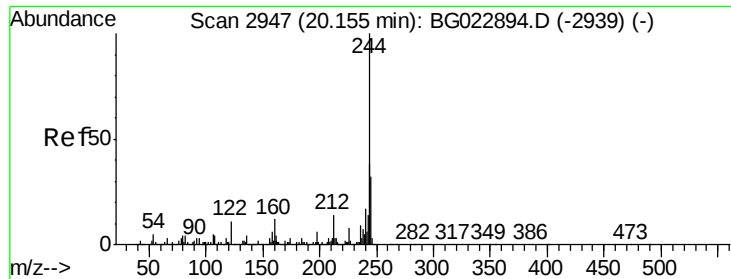
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	8.4	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022957.D
Acq: 9 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	28.3	21.1	31.7





#78

Terphenyl-d14

Concen: 129.69 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

S22-0003

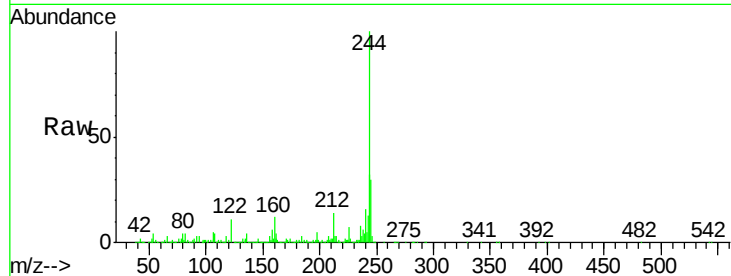
Tgt Ion:244 Resp: 2961815

Ion Ratio Lower Upper

244 100

212 13.6 10.8 16.2

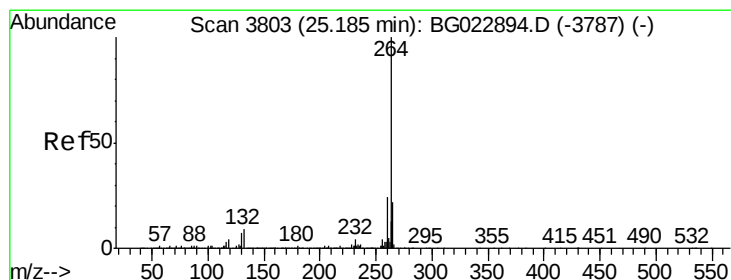
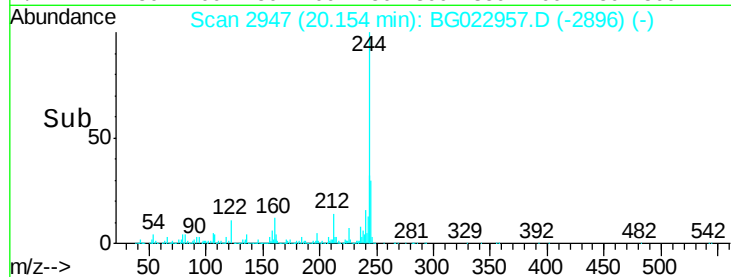
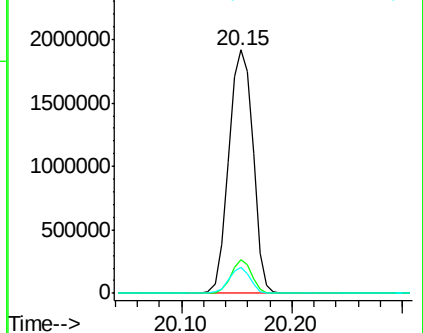
122 10.7 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BG022957.D

Acq: 9 Jul 2016 8:45

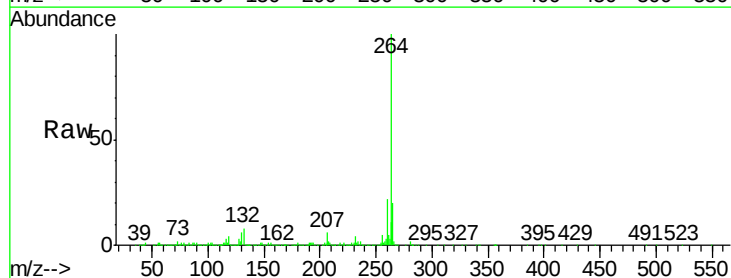
Tgt Ion:264 Resp: 896815

Ion Ratio Lower Upper

264 100

260 21.9 18.4 27.6

265 20.0 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

