

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031021.D
 Acq On : 15 Nov 2017 18:41
 Operator : SJ/JU
 Sample : I6305-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:44:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

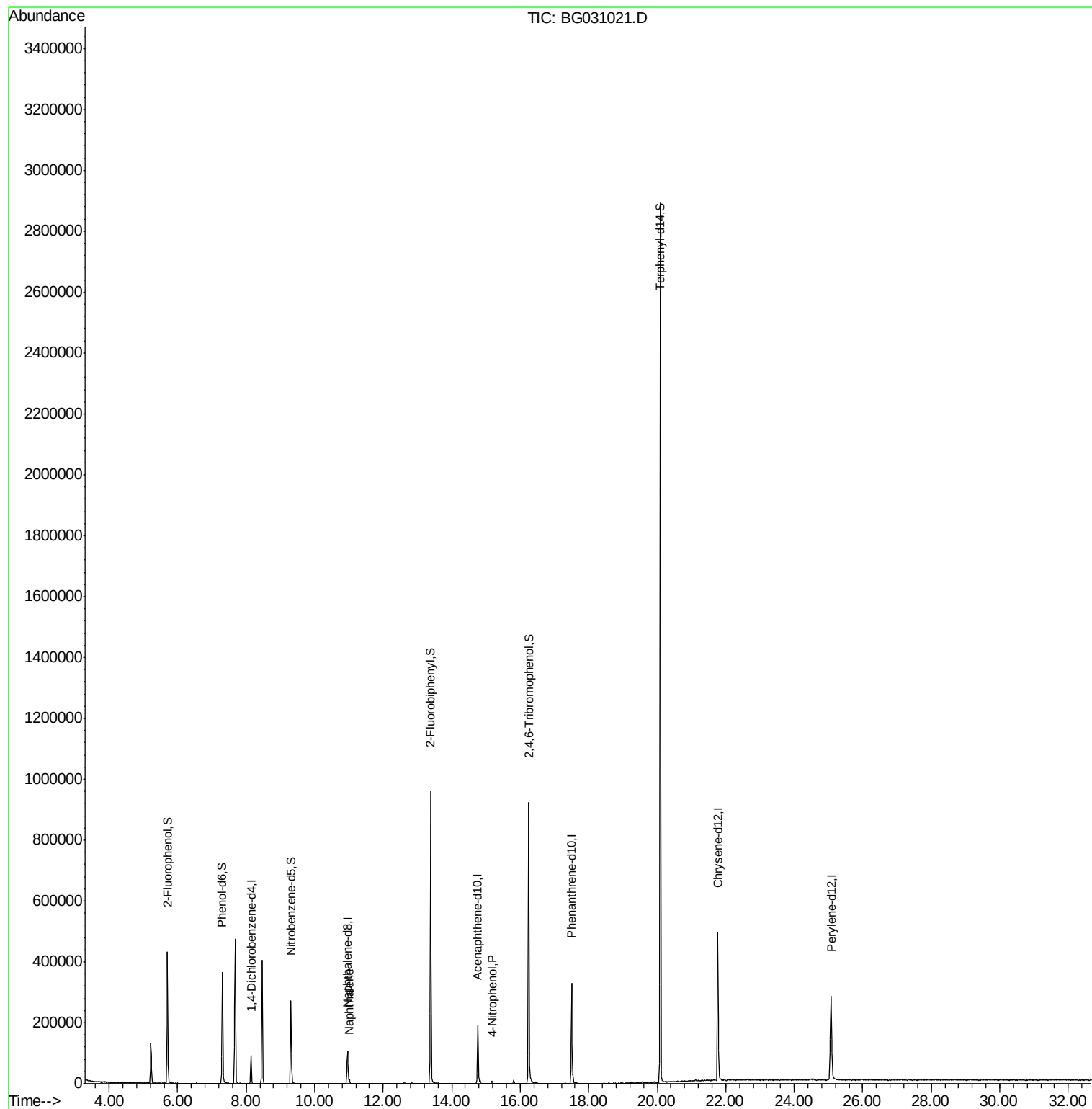
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	29248	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	111717	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	78993	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	242969	20.00	ng	0.00
75) Chrysene-d12	21.77	240	366164	20.00	ng	-0.02
86) Perylene-d12	25.08	264	361358	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	205082	120.24	ng	0.00
7) Phenol-d6	7.30	99	230447	100.29	ng	0.00
23) Nitrobenzene-d5	9.31	82	177565	94.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	247588	193.75	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	573123	104.25	ng	-0.02
78) Terphenyl-d14	20.09	244	1565594	94.41	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	13218	2.41	ng	99
55) 4-Nitrophenol	15.17	139	2586	2.43	ng	# 1

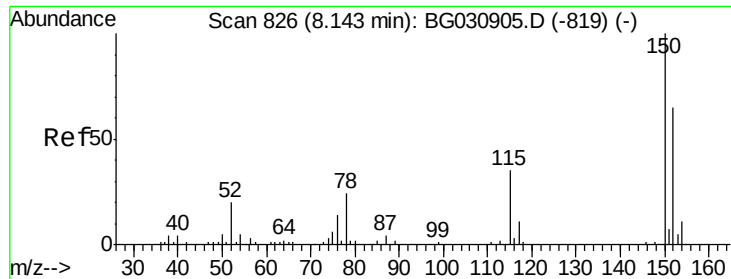
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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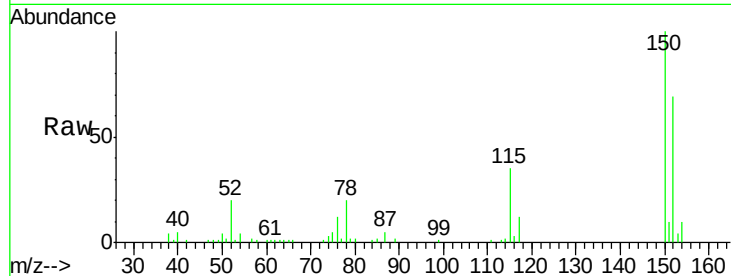


#1

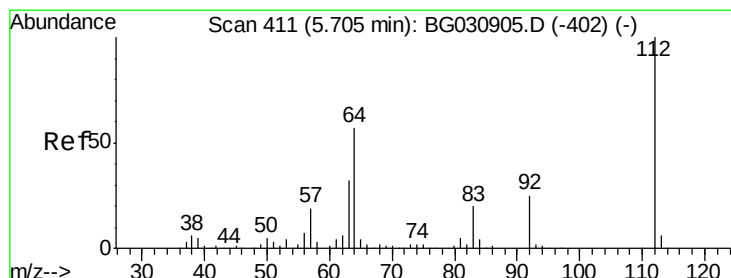
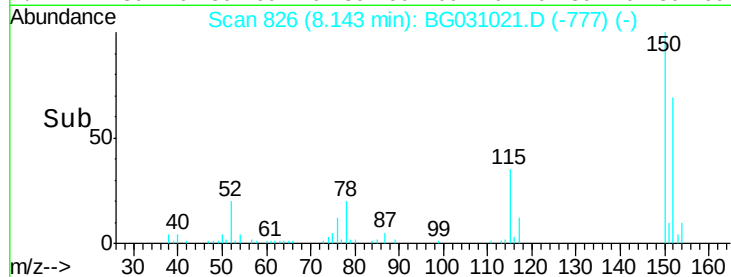
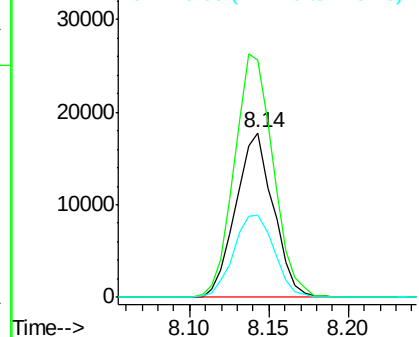
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29248
Ion Ratio Lower Upper
152 100
150 143.9 126.6 189.8
115 50.3 53.0 79.4#



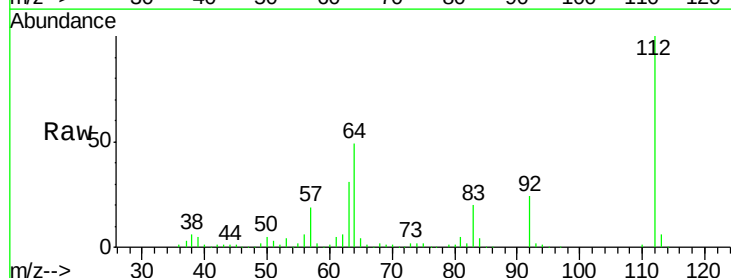
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



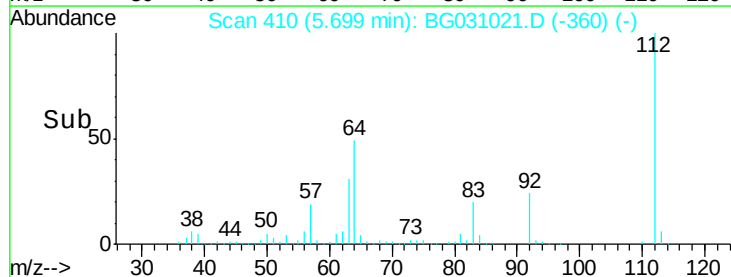
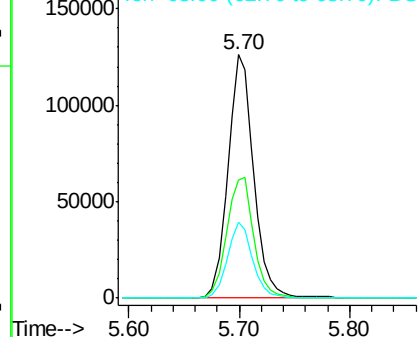
#5

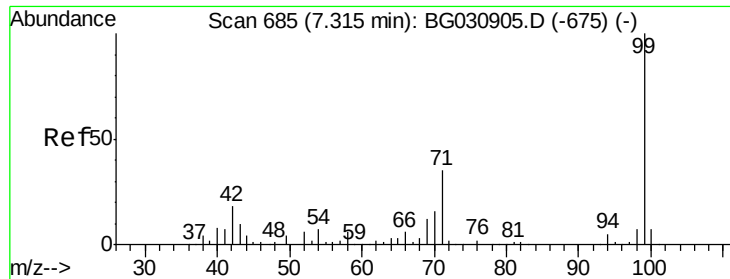
2-Fluorophenol
Concen: 120.24 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

Tgt Ion:112 Resp: 205082
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 31.3 30.1 45.1



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: 100.29 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

Instrument :

BNA_G

ClientSampleId :

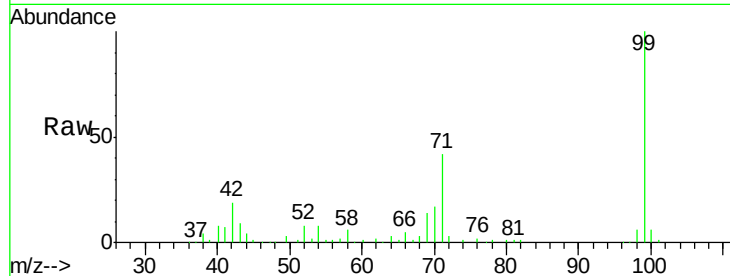
Tot Ion: 99 Resp: 230447

Ion Ratio Lower Upper

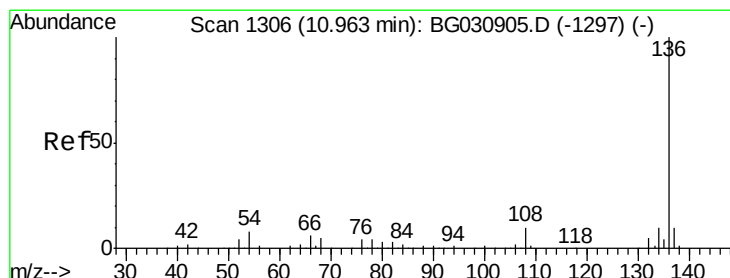
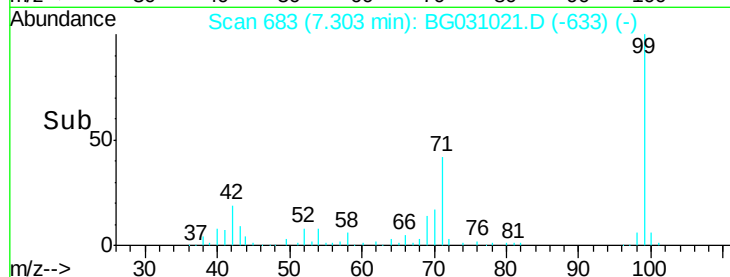
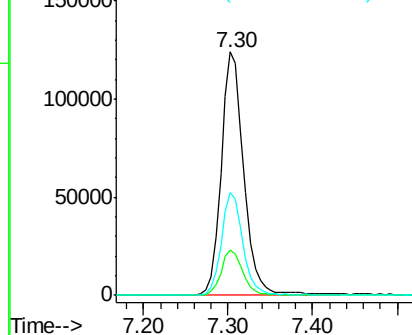
99 100

42 18.8 14.1 21.1

71 42.1 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

Tgt Ion: 136 Resp: 111717

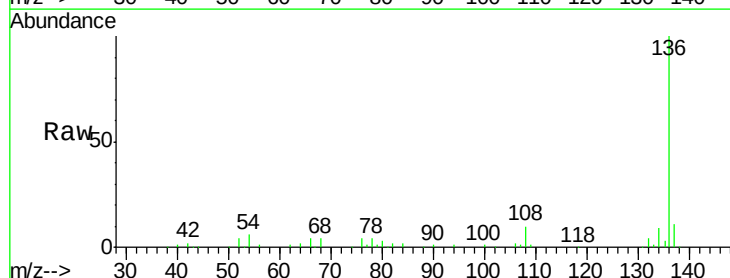
Ion Ratio Lower Upper

136 100

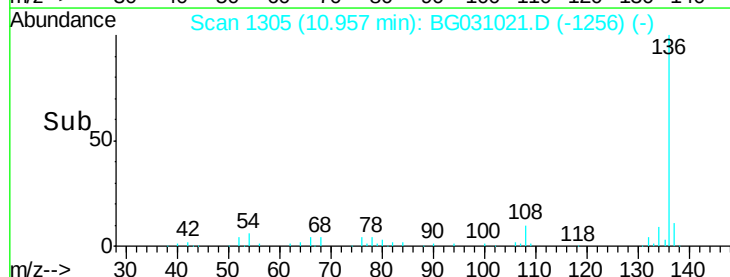
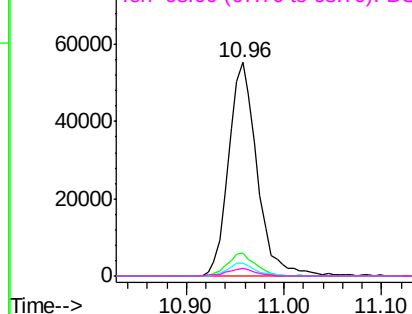
137 10.8 9.2 13.8

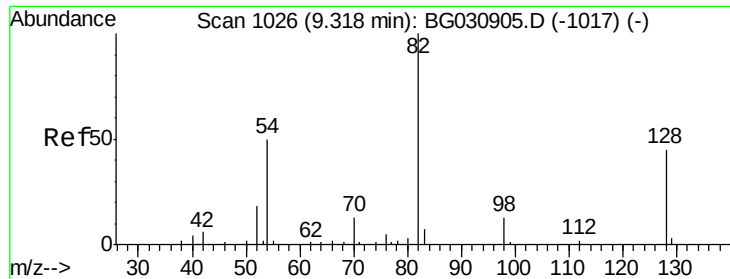
54 5.8 10.3 15.5#

68 3.9 4.5 6.7#



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

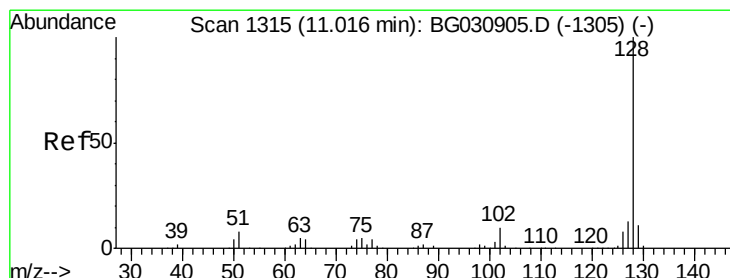
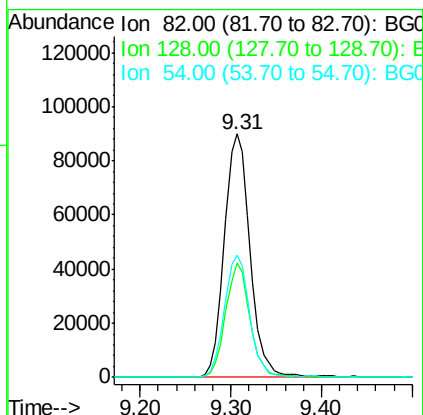
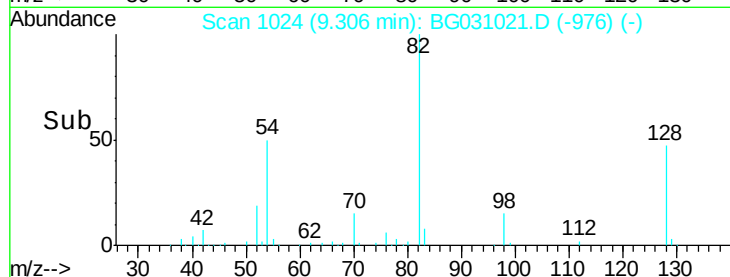
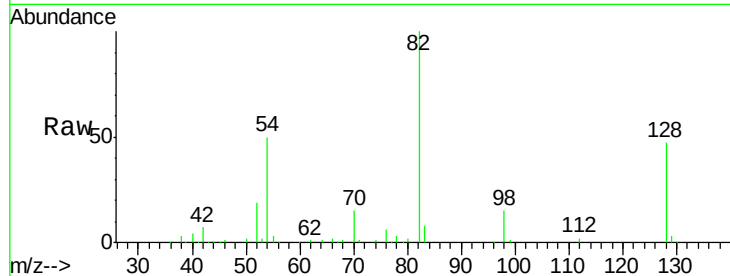




#23
Nitrobenzene-d5
Concen: 94.18 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

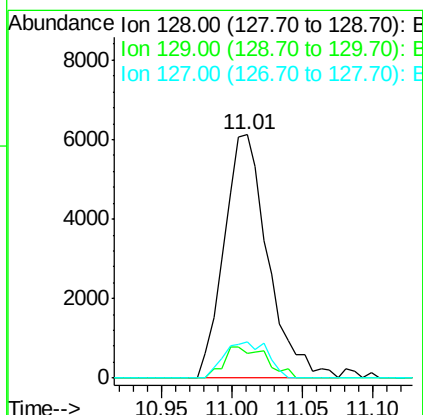
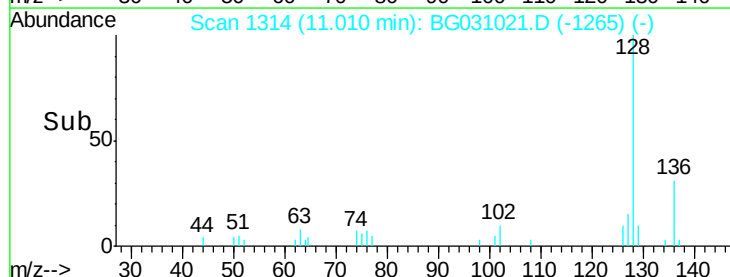
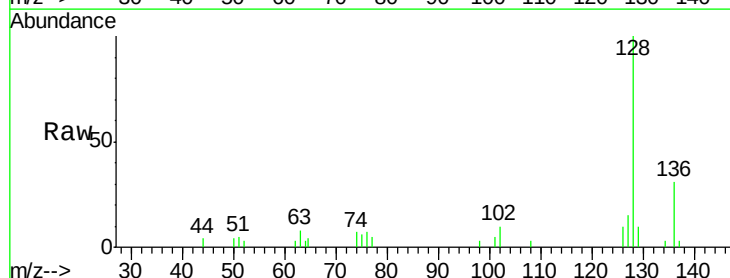
Instrument :
BNA_G
ClientSampleId :

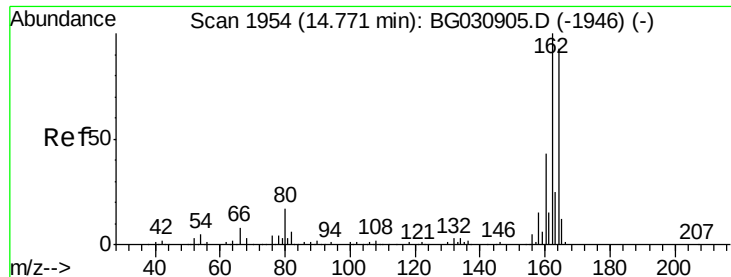
Tot Ion	82	Resp	177565
Ion Ratio	100	Lower	Upper
128	46.9	29.7	44.5#
54	50.2	43.1	64.7



#31
Naphthalene
Concen: 2.41 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

Tgt Ion	128	Resp	13218
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	10.3	8.6	12.8
127	15.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

Instrument :

BNA_G

ClientSampleId :

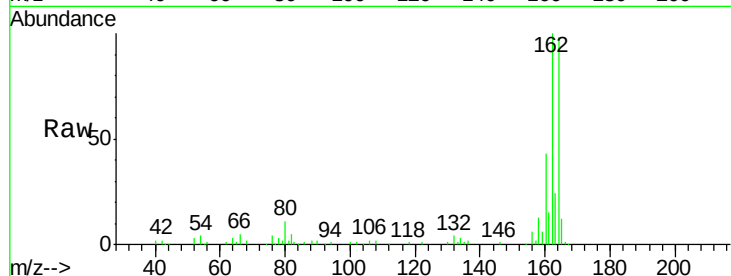
Tot Ion:164 Resp: 78993

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

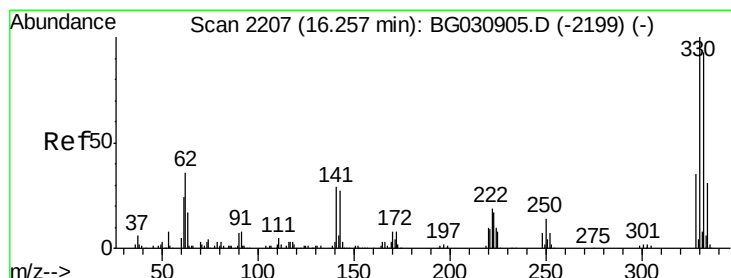
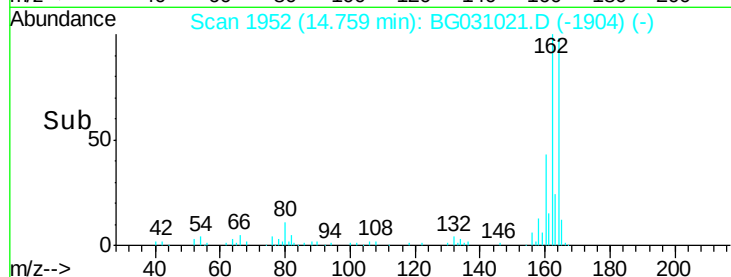
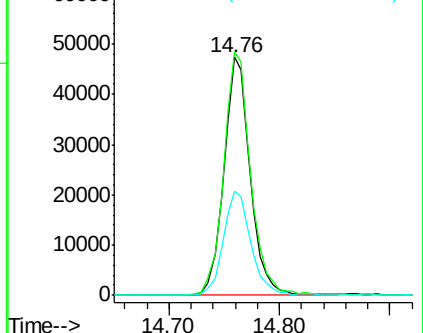
160 43.4 35.4 53.0



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: 193.75 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

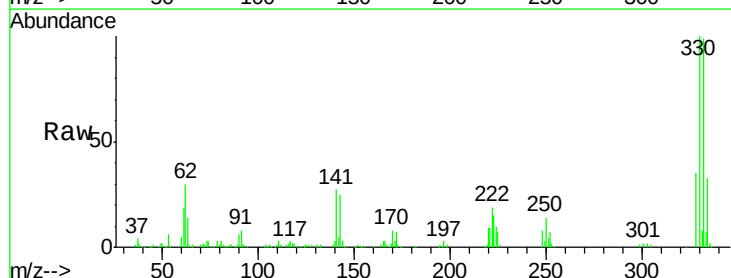
Tgt Ion:330 Resp: 247588

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

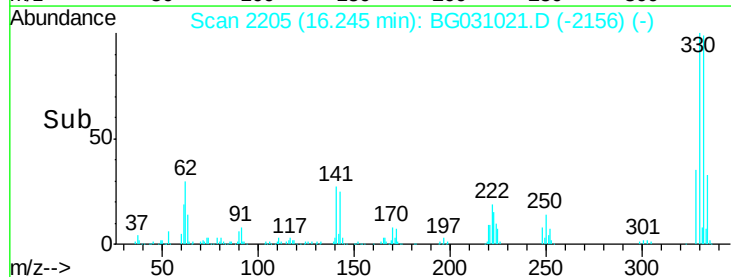
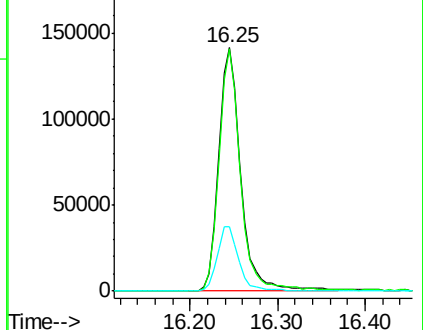
141 26.0 25.2 37.8

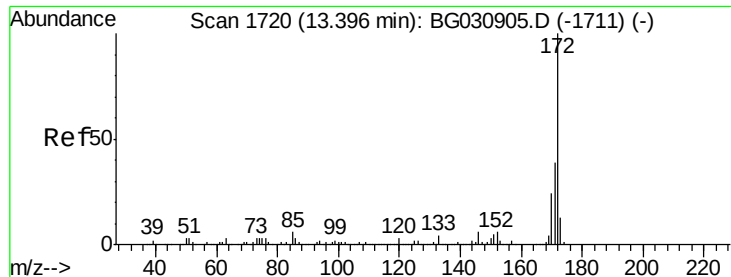


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

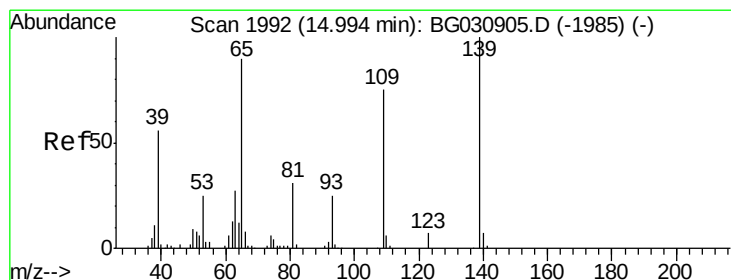
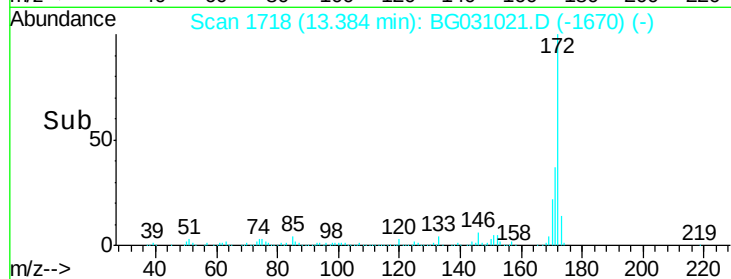
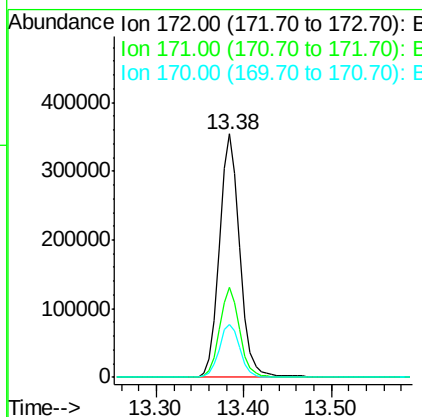
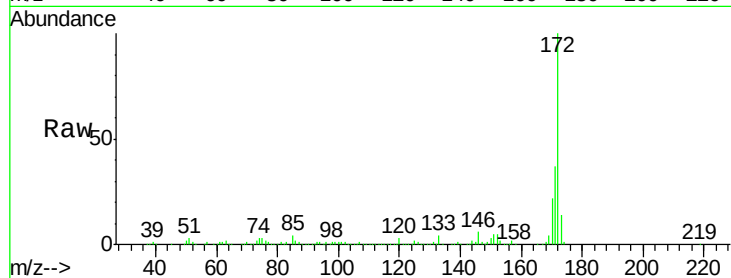




#44
 2-Fluorobiphenyl
 Concen: 104.25 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031021.D
 Acq: 15 Nov 2017 18:41

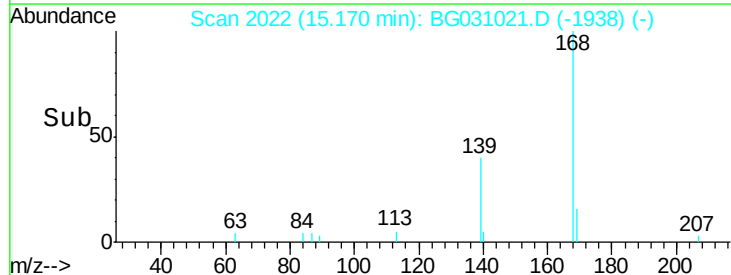
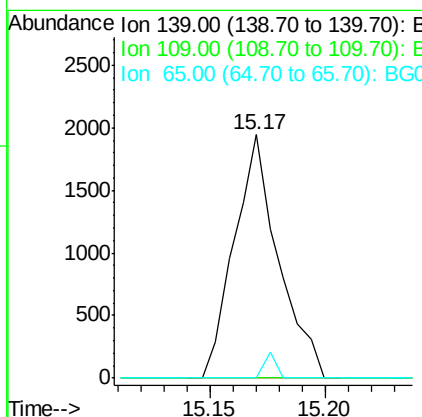
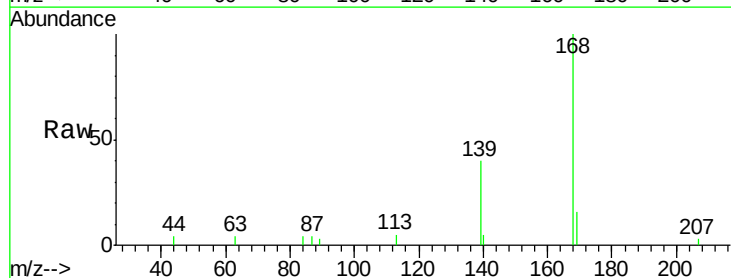
Instrument :
 BNA_G
 ClientSampleId :

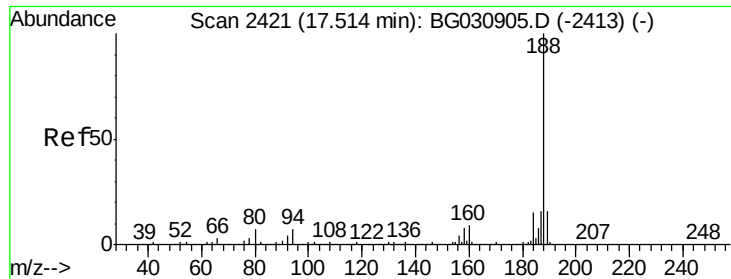
Tot Ion:172 Resp: 573123
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 21.9 19.5 29.3



#55
 4-Nitrophenol
 Concen: 2.43 ng
 RT: 15.17 min Scan# 2022
 Delta R.T. 0.20 min
 Lab File: BG031021.D
 Acq: 15 Nov 2017 18:41

Tgt Ion:139 Resp: 2586
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#

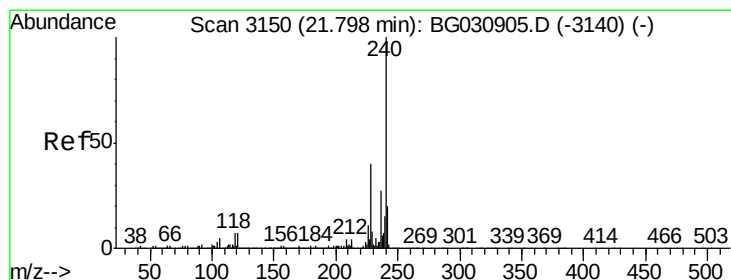
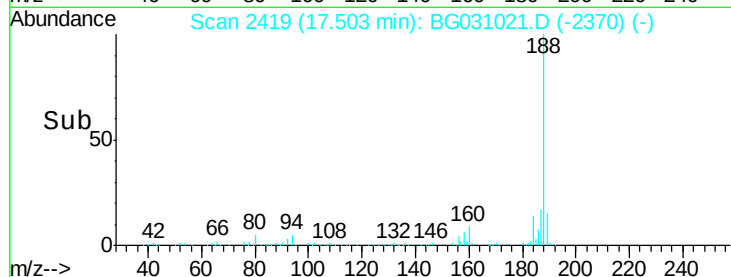
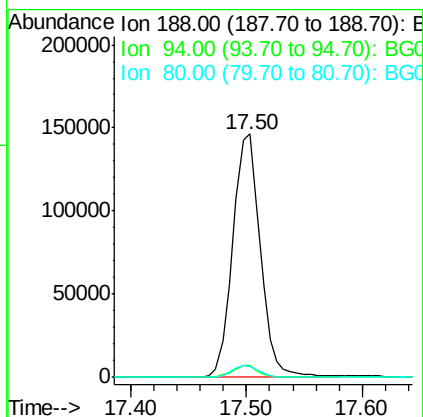
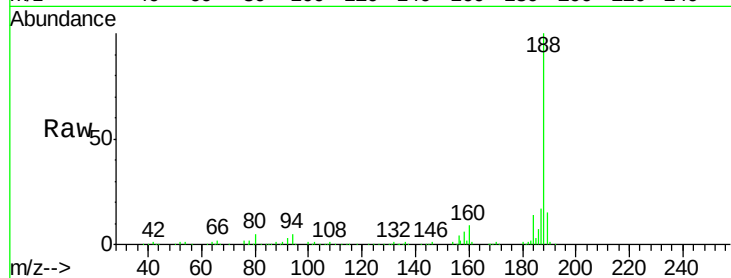




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

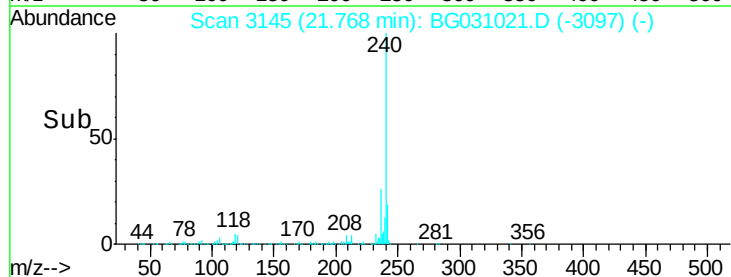
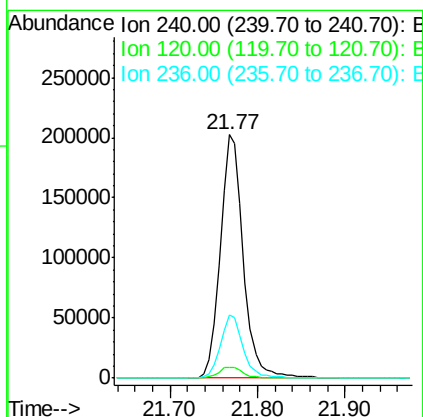
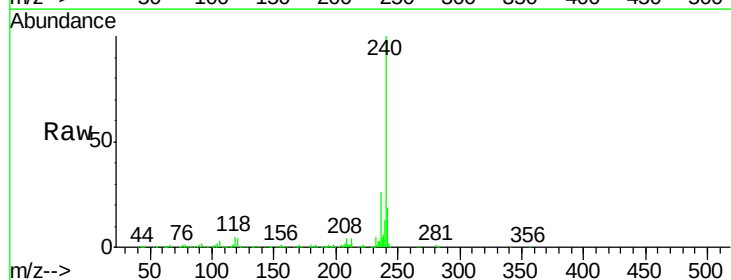
Instrument :
BNA_G
ClientSampleId :

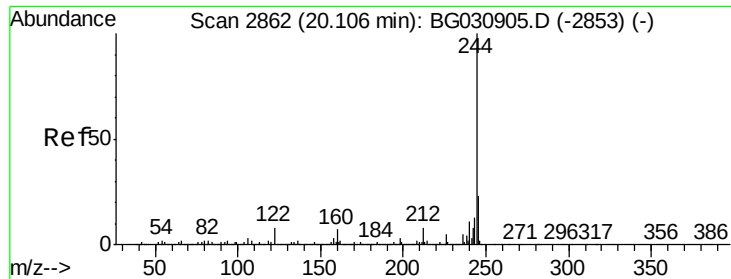
Tot Ion:188 Resp: 242969
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031021.D
Acq: 15 Nov 2017 18:41

Tgt Ion:240 Resp: 366164
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 94.41 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

Instrument :

BNA_G

ClientSampled :

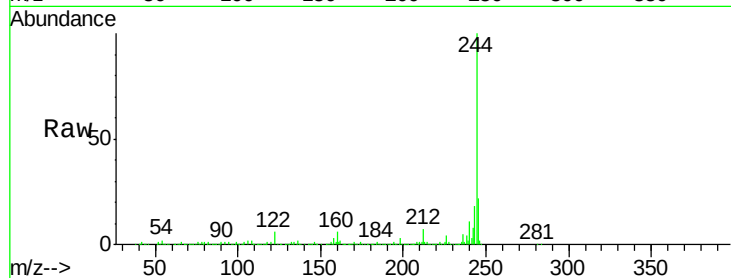
Tot Ion:244 Resp: 1565594

Ion Ratio Lower Upper

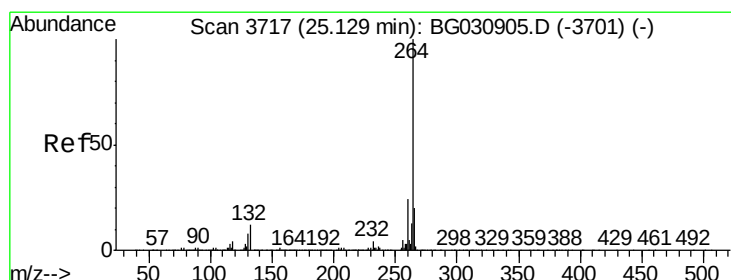
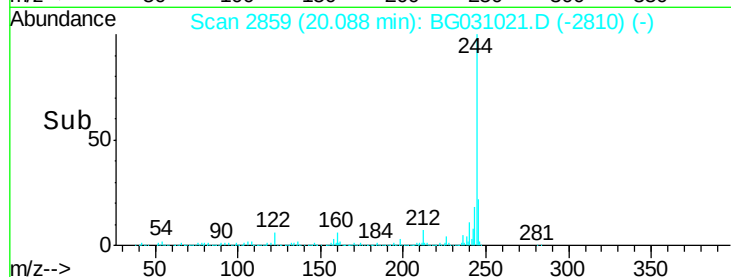
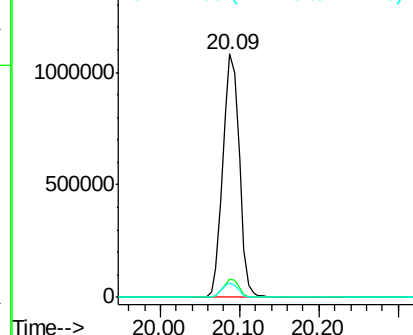
244 100

212 7.5 5.8 8.8

122 5.9 7.0 10.4#



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: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031021.D

Acq: 15 Nov 2017 18:41

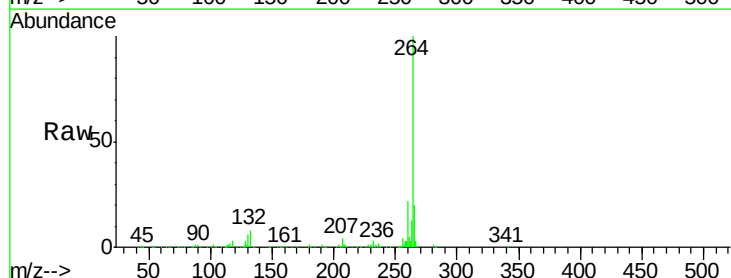
Tgt Ion:264 Resp: 361358

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.3 17.7 26.5



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

