

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031019.D
 Acq On : 15 Nov 2017 17:26
 Operator : SJ/JU
 Sample : I6302-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:44:03 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

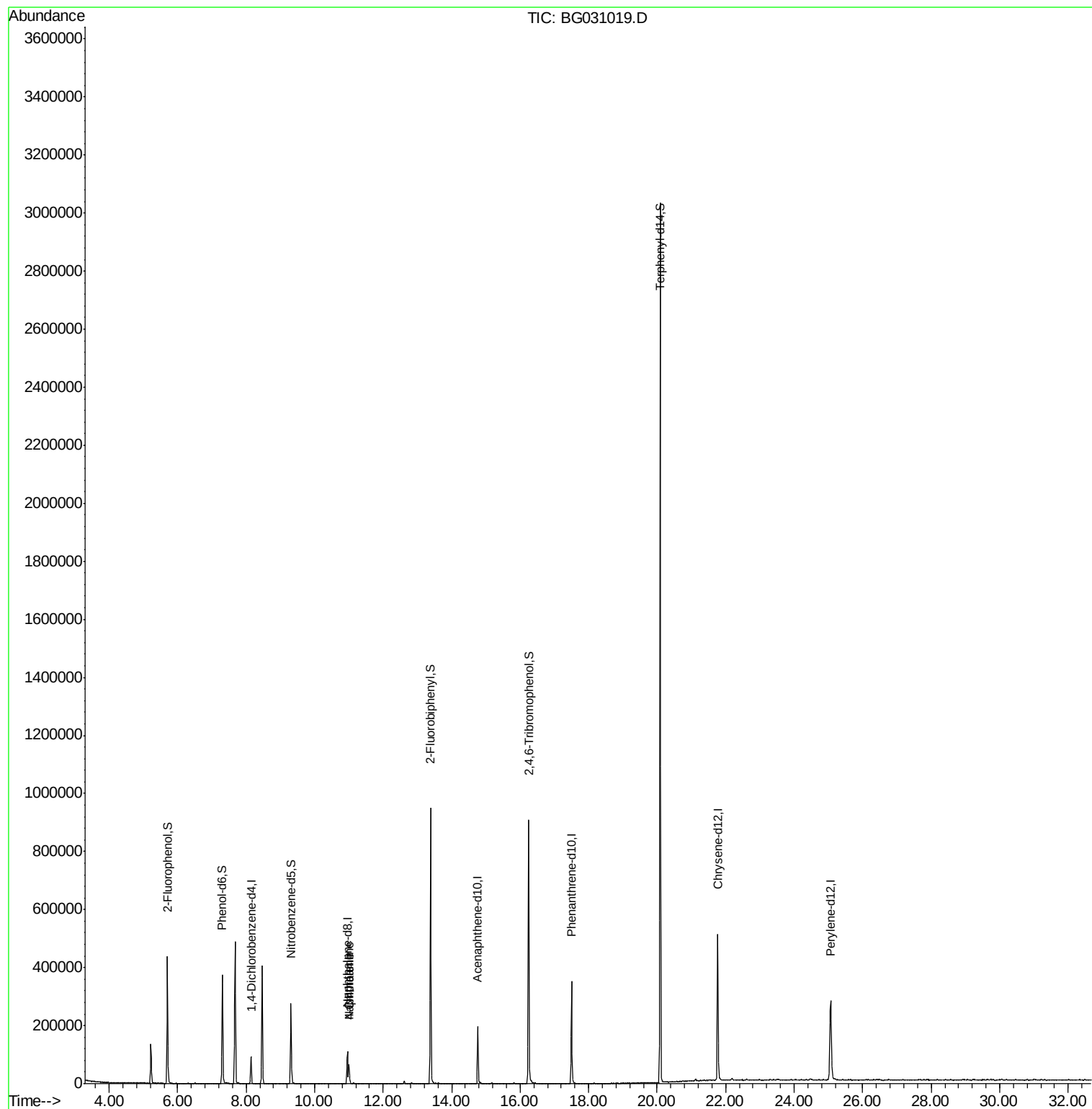
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	30037	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	114329	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	77905	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	245775	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	374759	20.00	ng	-0.01
86) Perylene-d12	25.06	264	376385	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	205163	117.12	ng	0.00
7) Phenol-d6	7.30	99	227866	96.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	176298	91.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	243545	193.25	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	567615	104.69	ng	-0.01
78) Terphenyl-d14	20.09	244	1572690	92.66	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	59771	10.63	ng	99
33) 4-Chloroaniline	11.01	127	8221	3.34	ng	# 39

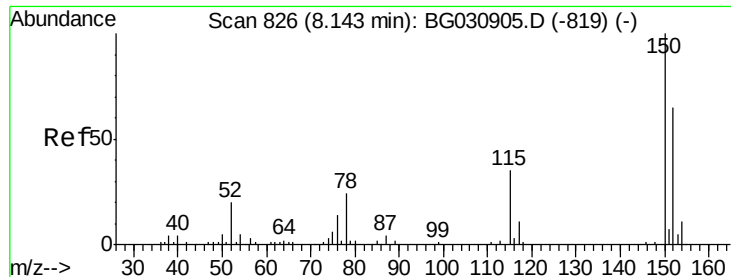
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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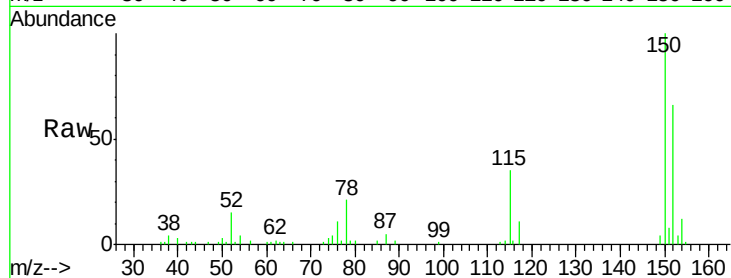


#1

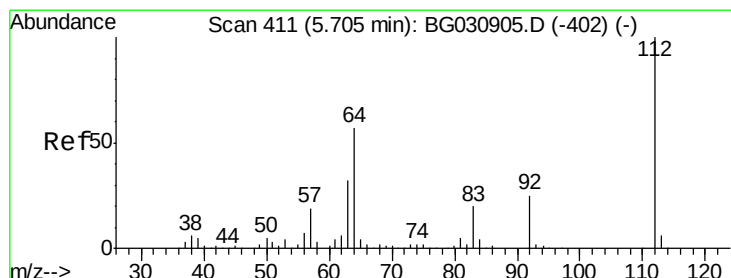
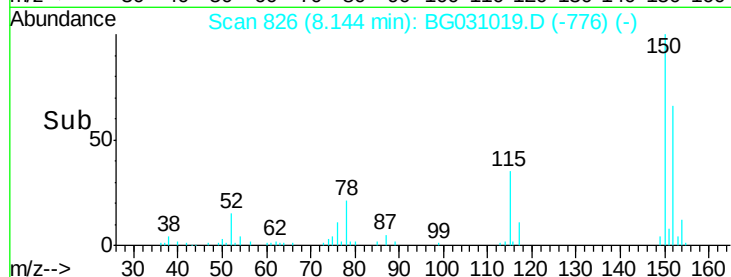
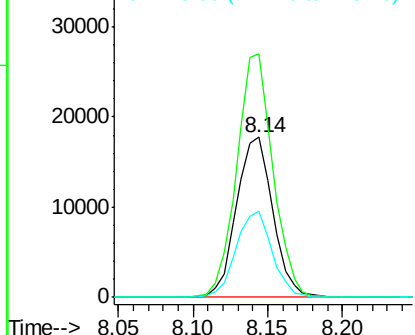
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	53.6	53.0	79.4



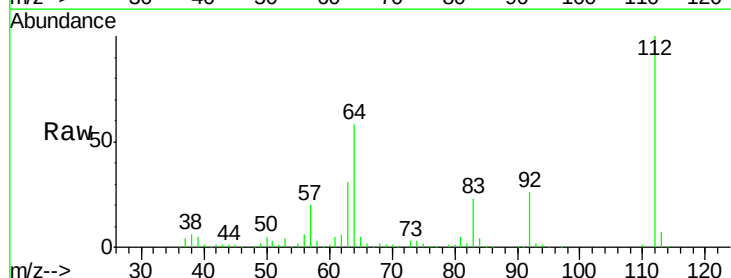
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



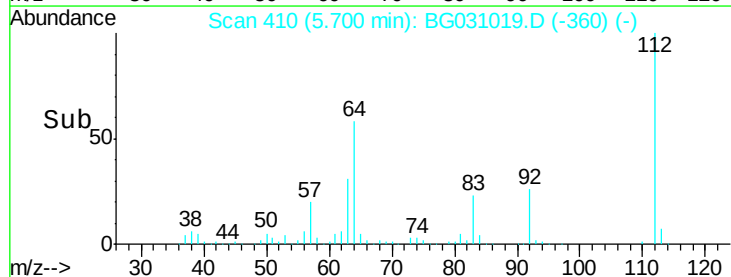
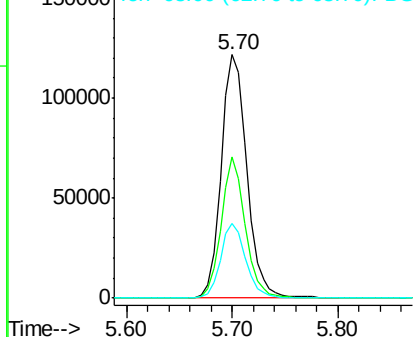
#5

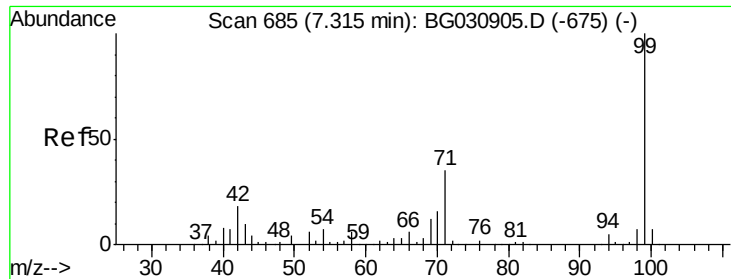
2-Fluorophenol
Concen: 117.12 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	56.3	84.5
63	30.9	30.1	45.1



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





#7

Phenol-d6

Concen: 96.56 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Instrument :

BNA_G

ClientSampleId :

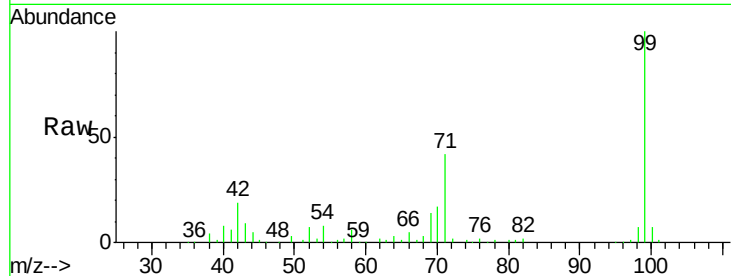
Tot Ion: 99 Resp: 227866

Ion Ratio Lower Upper

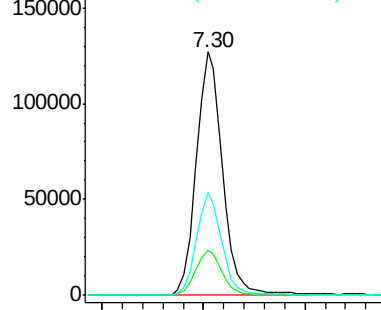
99 100

42 18.6 14.1 21.1

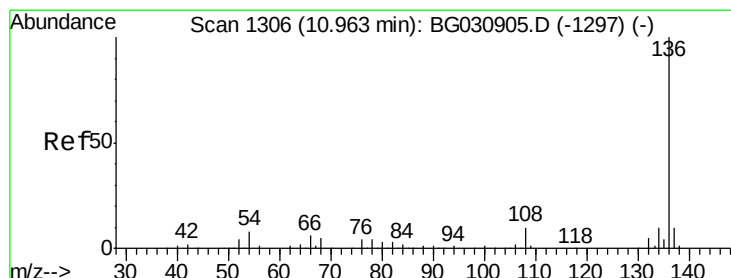
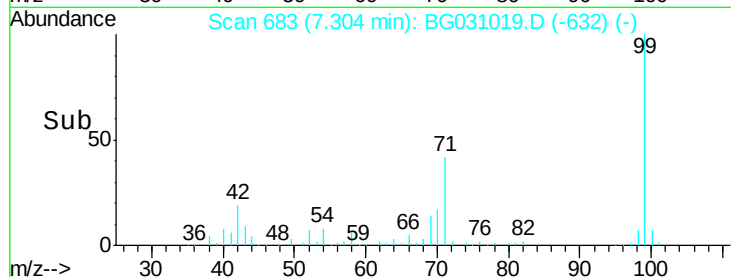
71 42.5 26.1 39.1#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Tgt Ion: 136 Resp: 114329

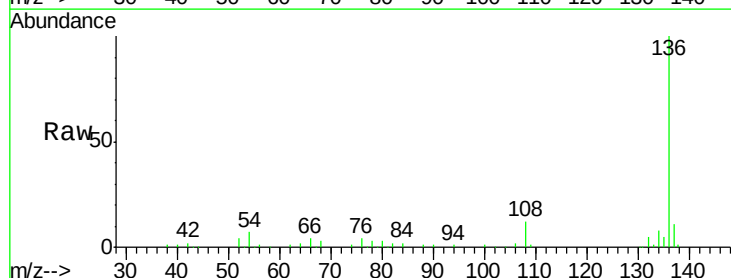
Ion Ratio Lower Upper

136 100

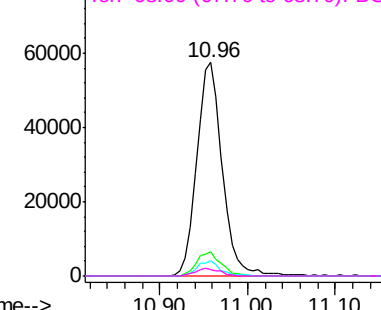
137 11.2 9.2 13.8

54 7.2 10.3 15.5#

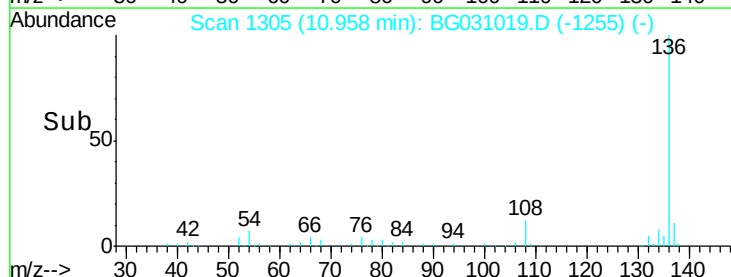
68 2.8 4.5 6.7#

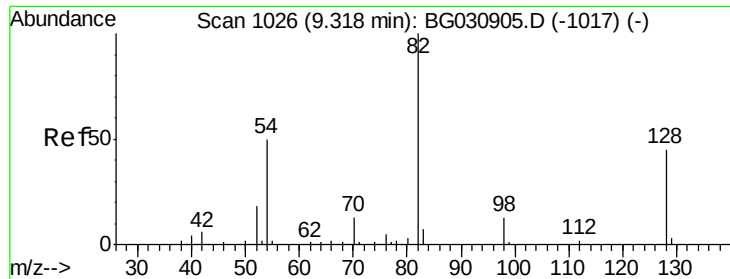


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

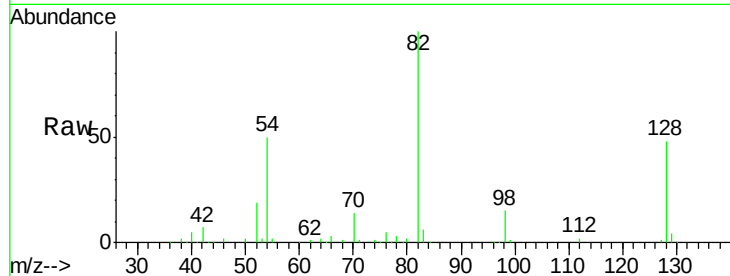




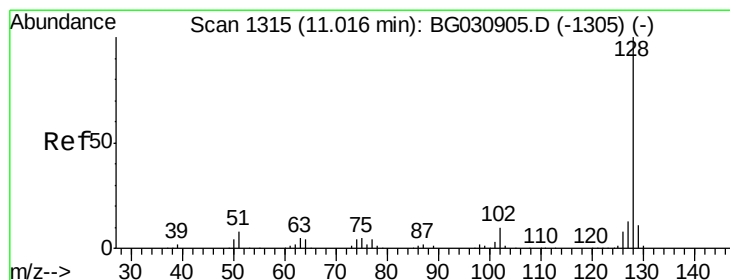
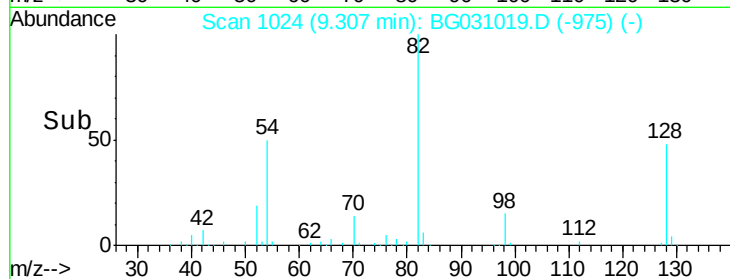
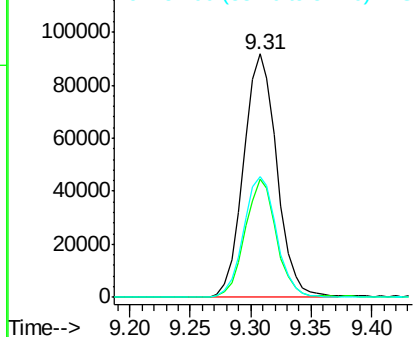
#23
Nitrobenzene-d5
Concen: 91.37 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 176298
Ion Ratio Lower Upper
82 100
128 48.5 29.7 44.5#
54 49.6 43.1 64.7

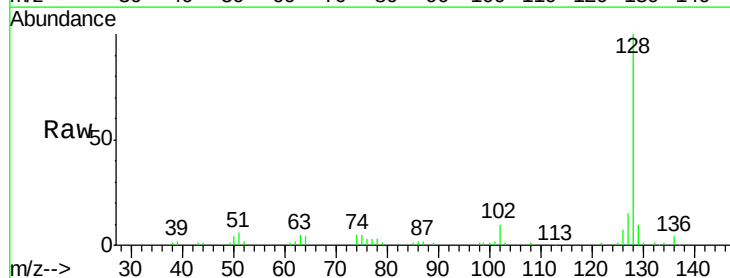


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

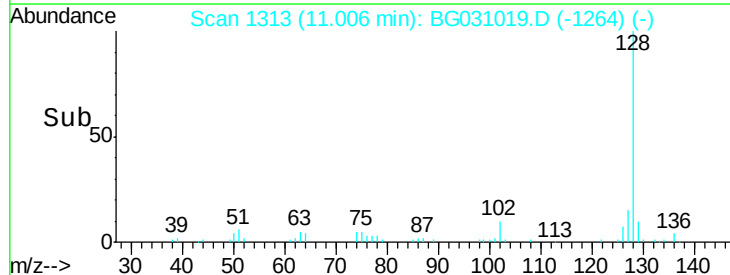
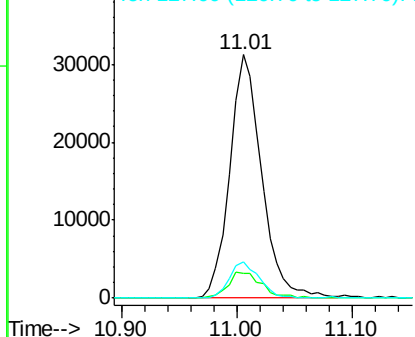


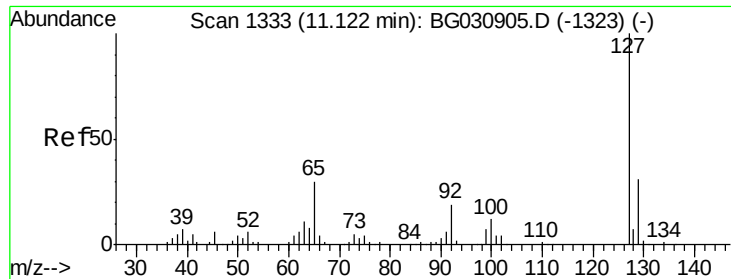
#31
Naphthalene
Concen: 10.63 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Tgt Ion: 128 Resp: 59771
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 14.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

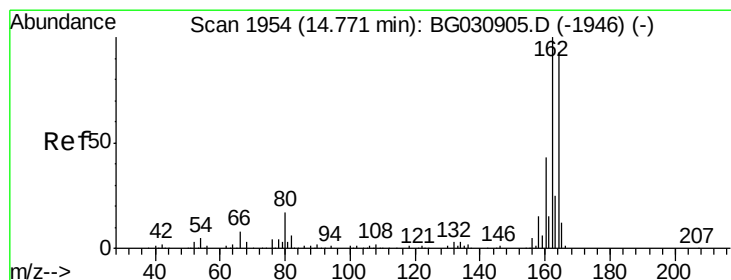
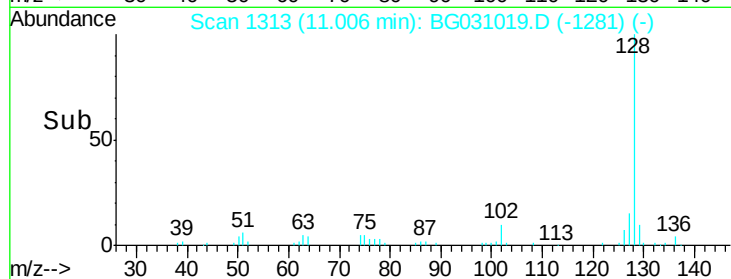
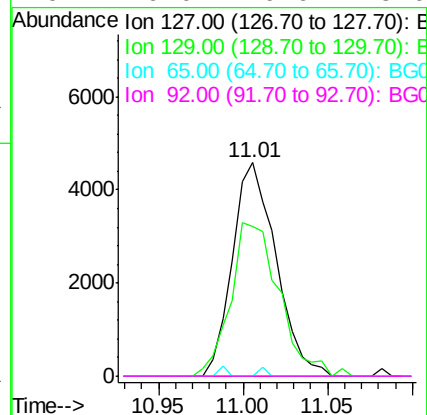
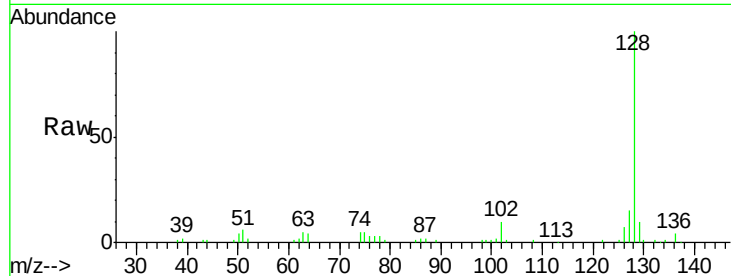




#33
4-Chloroaniline
Concen: 3.34 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.11 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

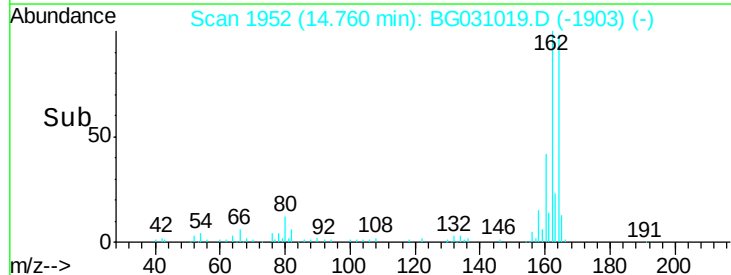
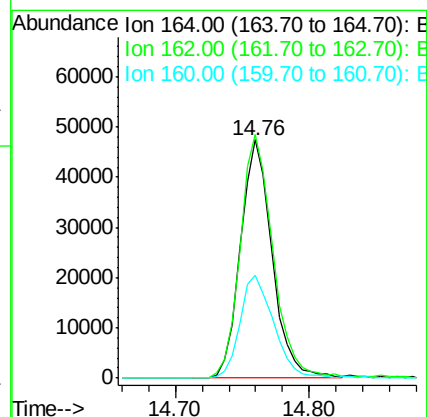
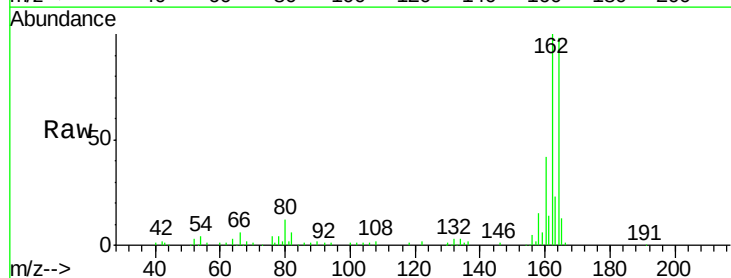
Instrument :
BNA_G
ClientSampleId :

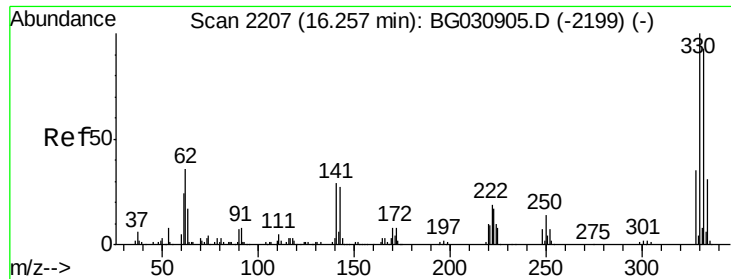
Tot Ion	Ratio	Lower	Upper
127	100		
129	70.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	43.0	35.4	53.0

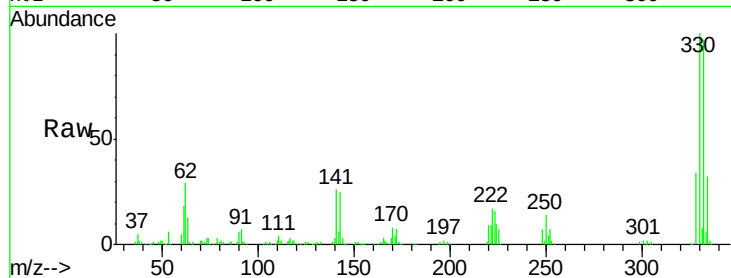




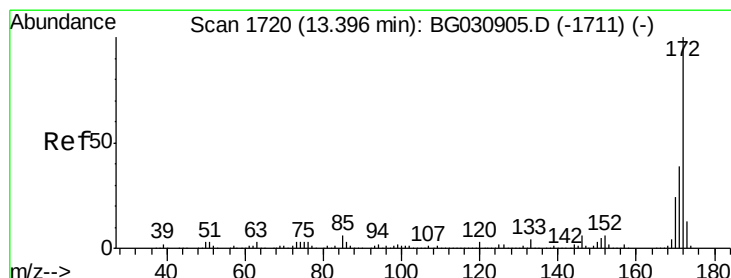
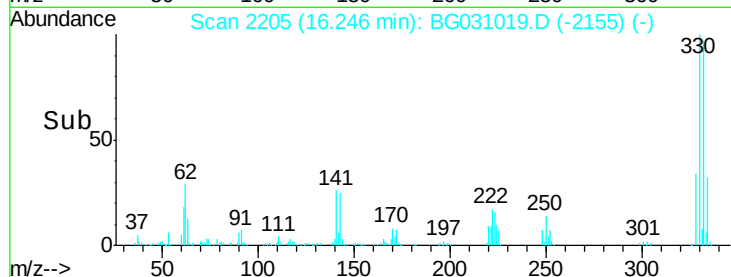
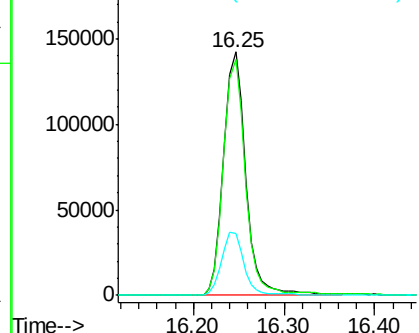
#41
 2,4,6-Tribromophenol
 Concen: 193.25 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	26.0	25.2	37.8

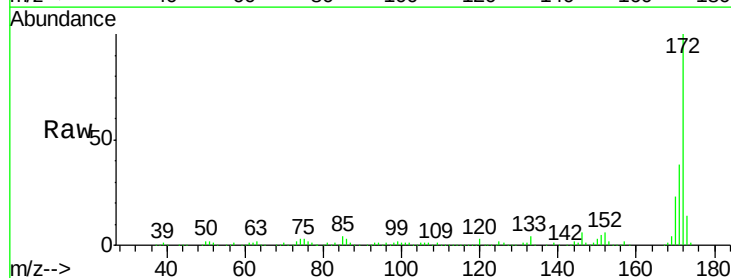


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

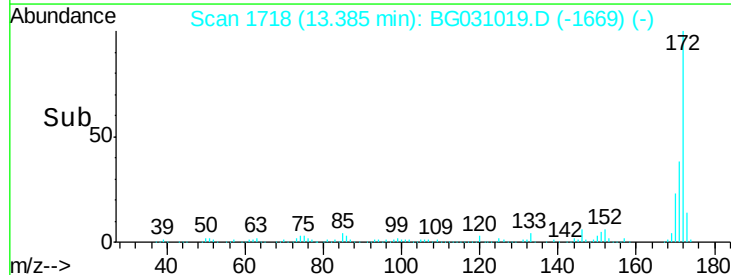
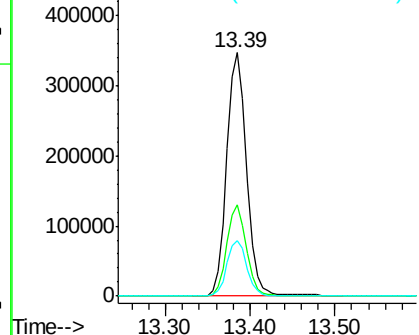


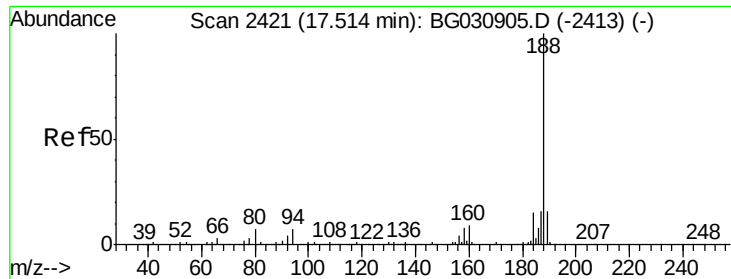
#44
 2-Fluorobiphenyl
 Concen: 104.69 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG031019.D
 Acq: 15 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	22.8	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

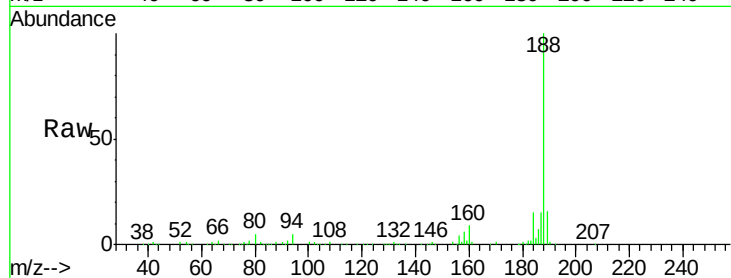




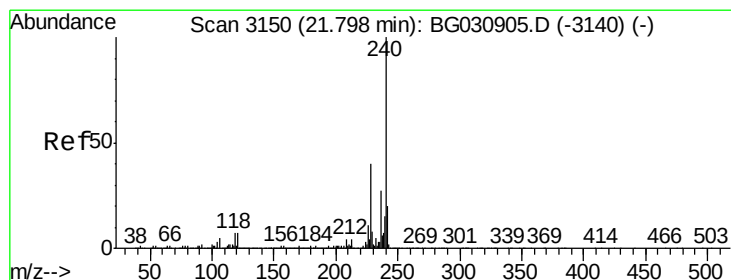
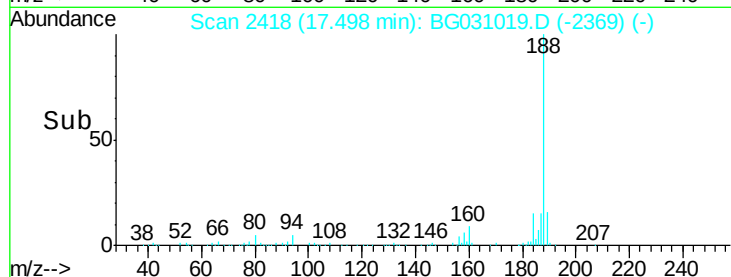
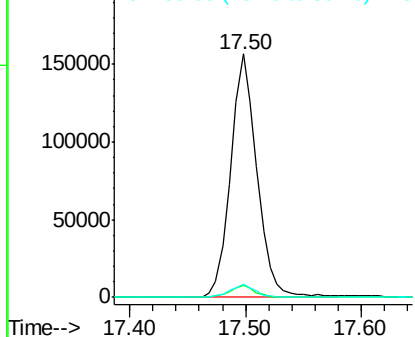
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 245775
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.3 7.7 11.5#

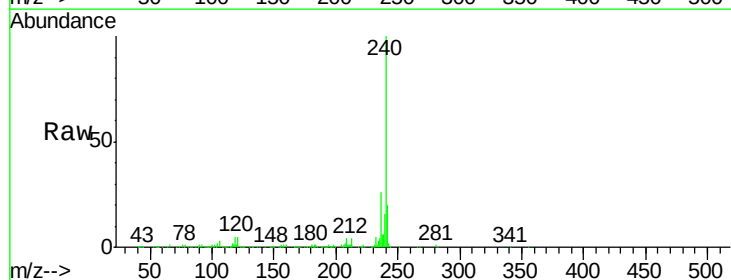


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

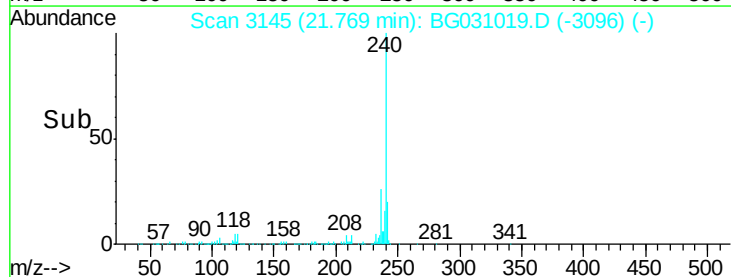
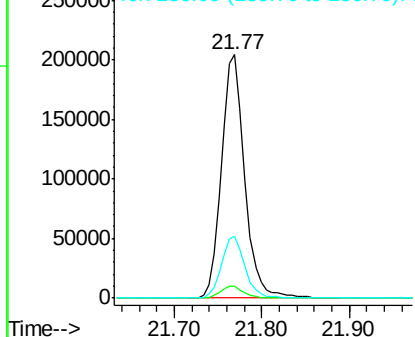


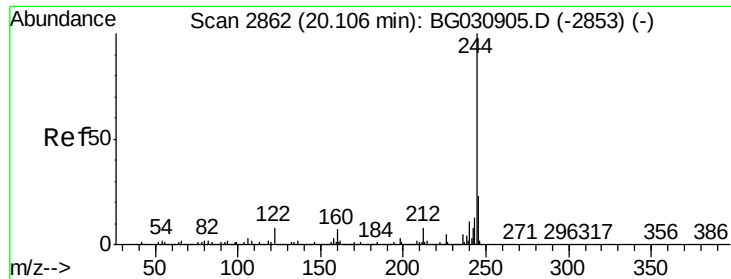
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031019.D
Acq: 15 Nov 2017 17:26

Tgt Ion:240 Resp: 374759
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.5 20.9 31.3



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: 92.66 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

Instrument :

BNA_G

ClientSampled :

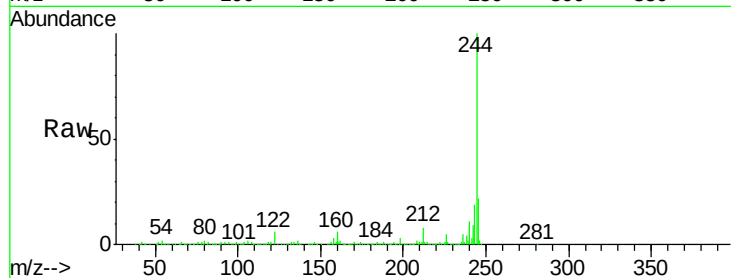
Tot Ion:244 Resp: 1572690

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

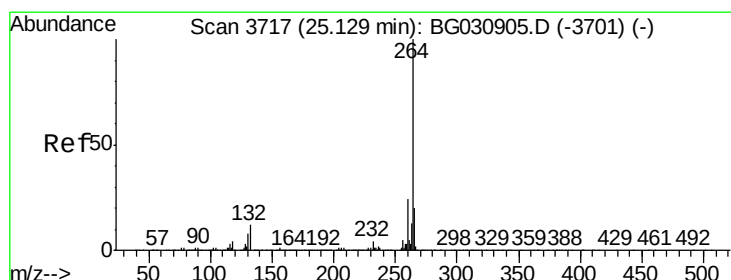
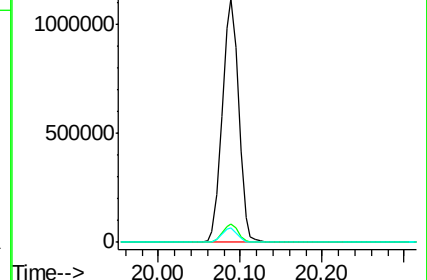
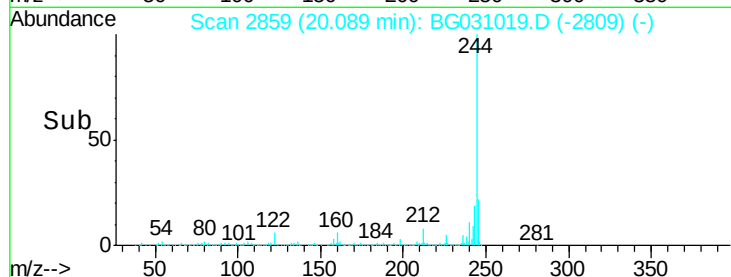
122 5.8 7.0 10.4#



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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031019.D

Acq: 15 Nov 2017 17:26

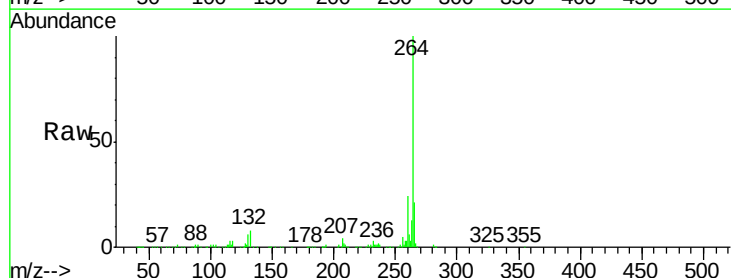
Tgt Ion:264 Resp: 376385

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.3 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

