

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030956.D
 Acq On : 11 Nov 2017 23:22
 Operator : SJ/JU
 Sample : I6441-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 13 06:01:29 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

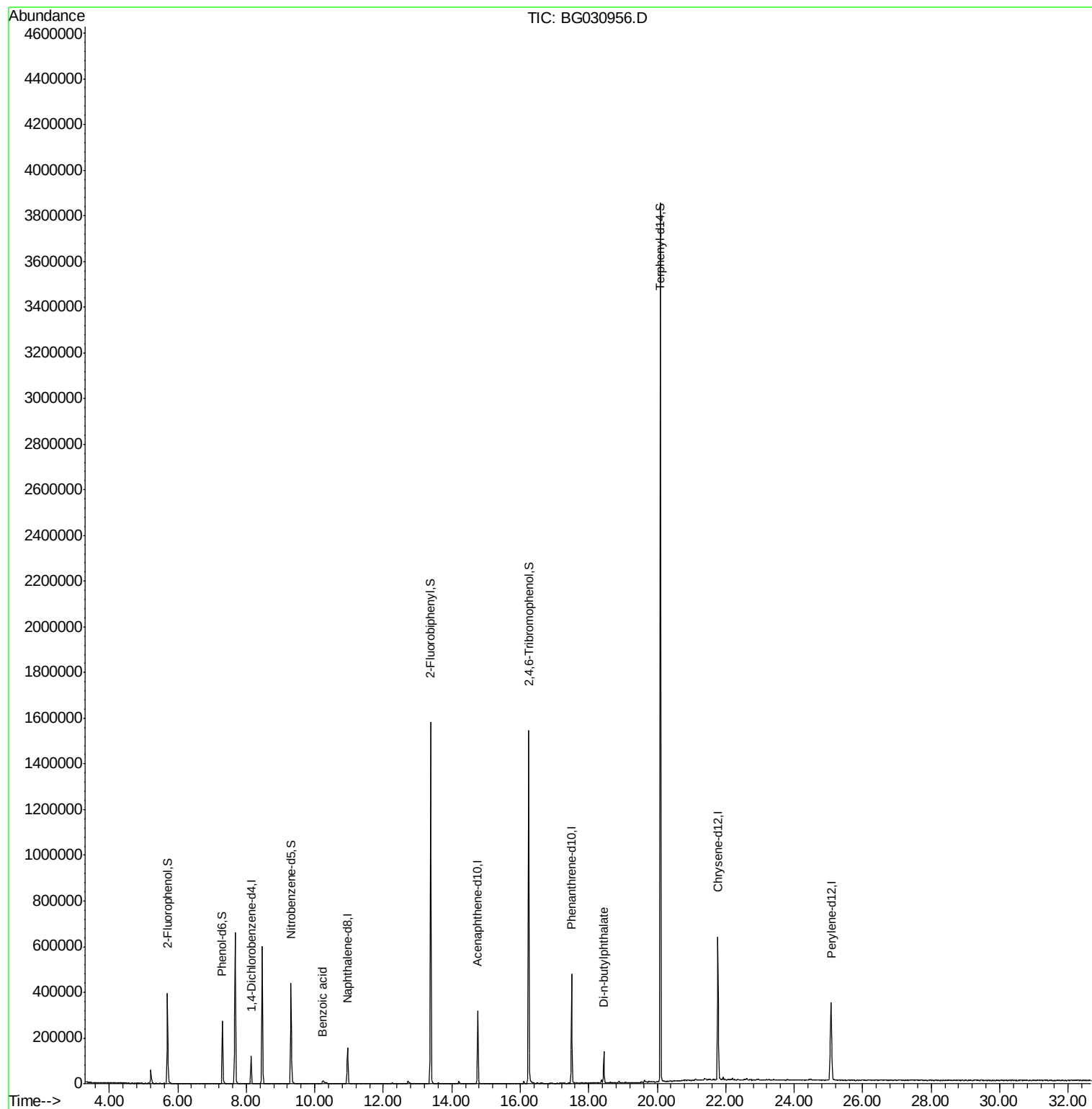
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35940	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	157410	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	117171	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	317601	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	401317	20.00	ng	-0.01
86) Perylene-d12	25.07	264	399432	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	193587	92.36	ng	0.00
7) Phenol-d6	7.30	99	173051	61.29	ng	0.00
23) Nitrobenzene-d5	9.30	82	294794	110.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	359510	189.67	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	908119	111.36	ng	-0.02
78) Terphenyl-d14	20.09	244	1825568	100.44	ng	0.00
Target Compounds						
32) Benzoic acid	10.24	122	10314	10.863	ng	Qvalue # 76
73) Di-n-butylphthalate	18.44	149	99747	5.233	ng	97

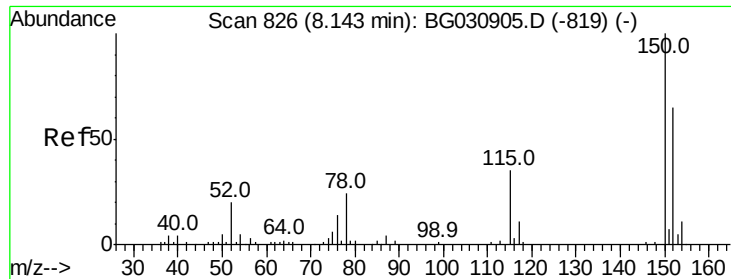
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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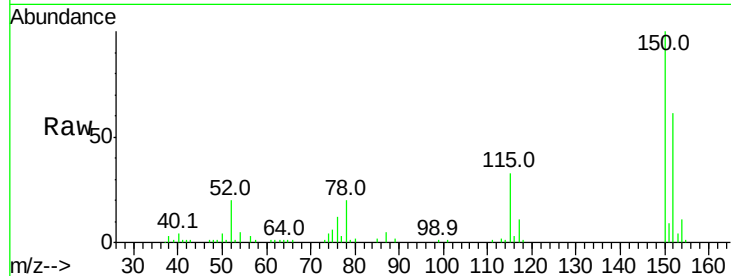


#1

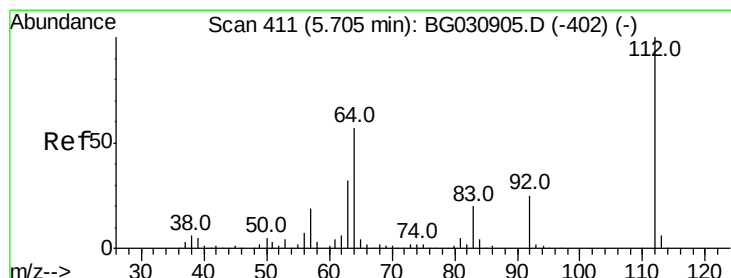
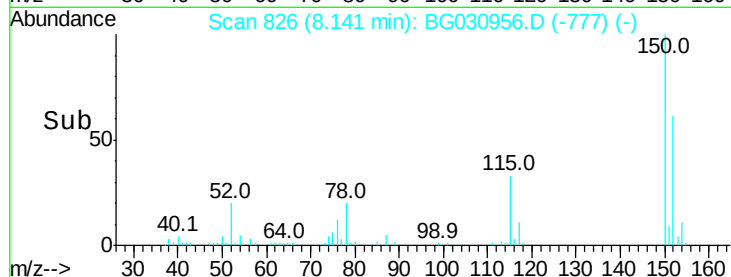
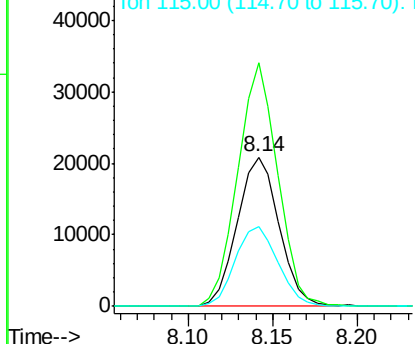
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion:152 Resp: 35940
Ion Ratio Lower Upper
152 100
150 163.3 126.6 189.8
115 53.5 53.0 79.4



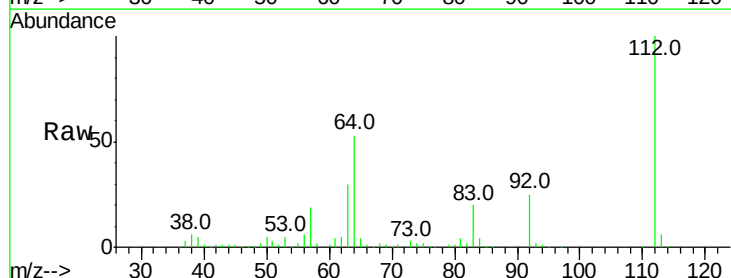
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



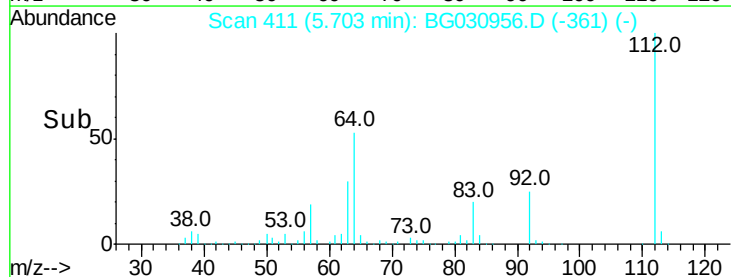
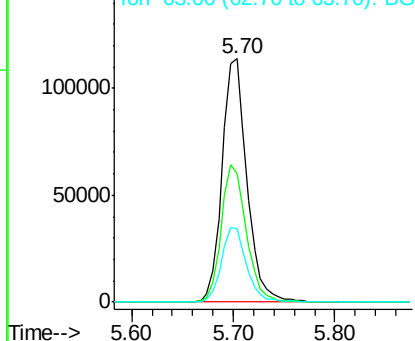
#5

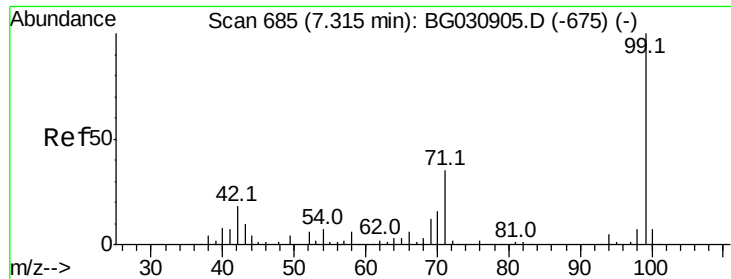
2-Fluorophenol
Concen: 92.364 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

Tgt Ion:112 Resp: 193587
Ion Ratio Lower Upper
112 100
64 52.9 56.3 84.5#
63 30.1 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: 61.286 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampleId :

TP-8

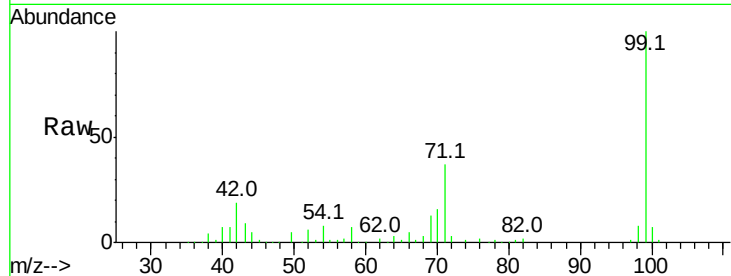
Tot Ion: 99 Resp: 173051

Ion Ratio Lower Upper

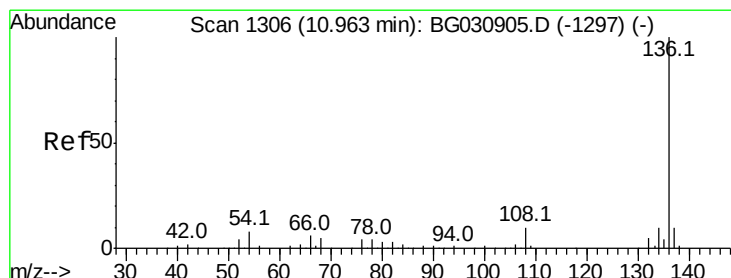
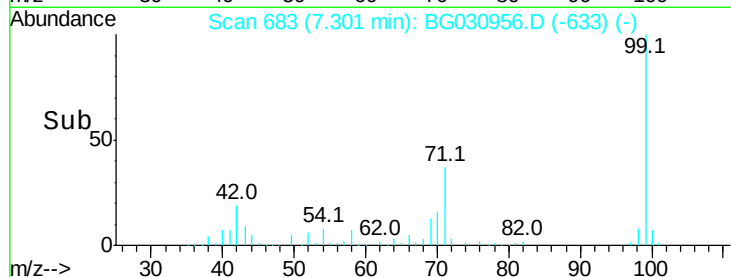
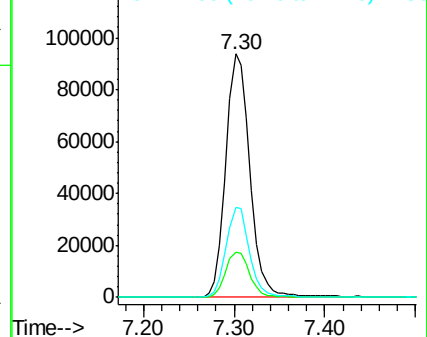
99 100

42 18.6 14.1 21.1

71 37.1 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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Tgt Ion: 136 Resp: 157410

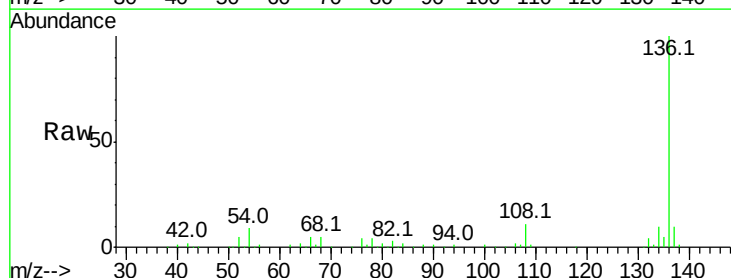
Ion Ratio Lower Upper

136 100

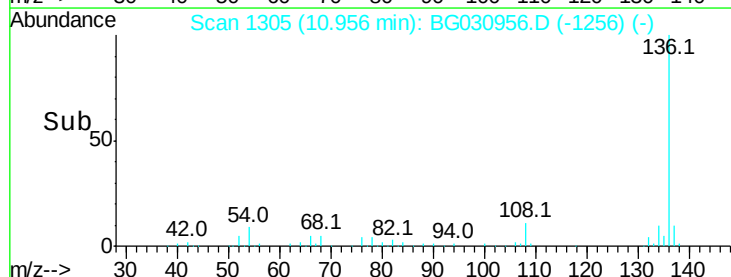
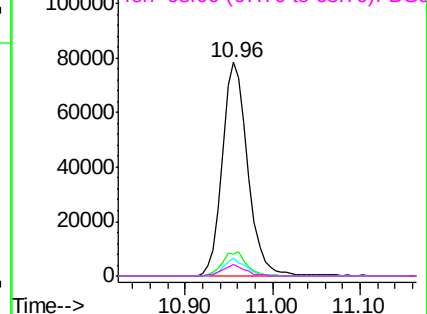
137 10.1 9.2 13.8

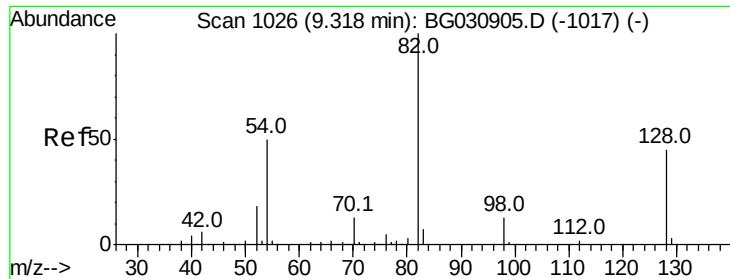
54 8.6 10.3 15.5#

68 5.4 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

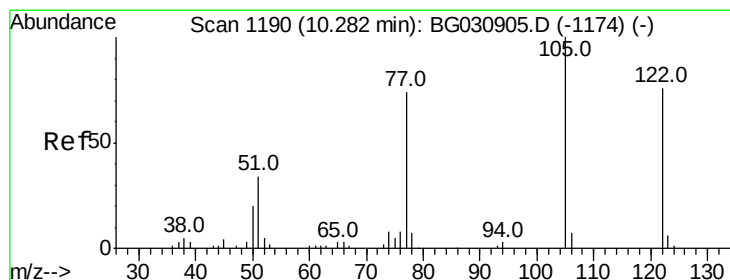
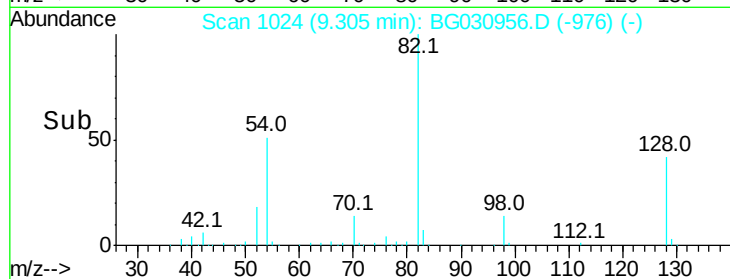
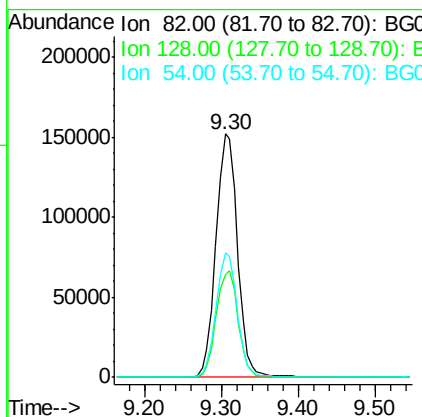
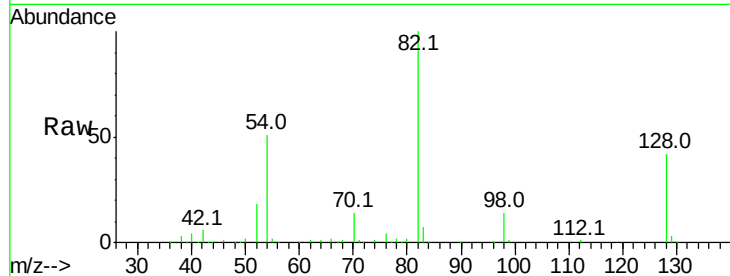




#23
 Nitrobenzene-d5
 Concen: 110.974 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

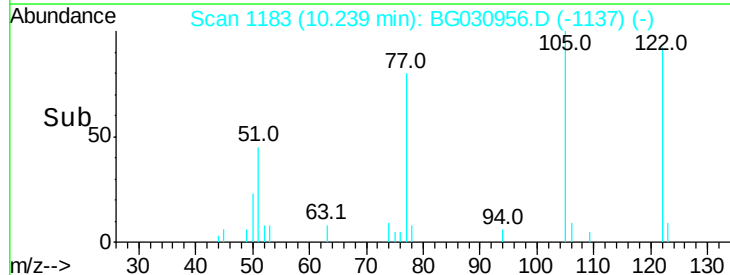
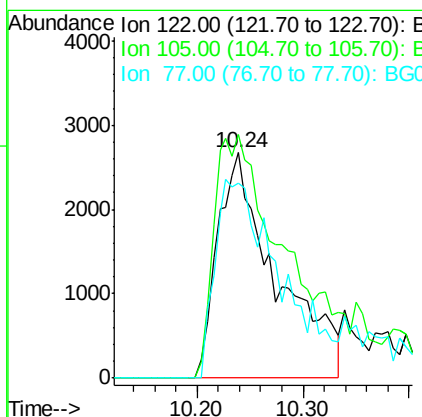
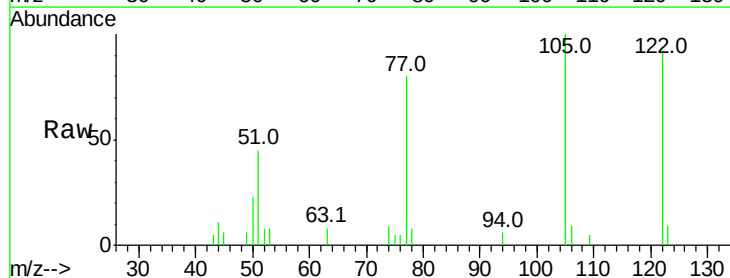
Instrument :
 BNA_G
 ClientSampled :
 TP-8

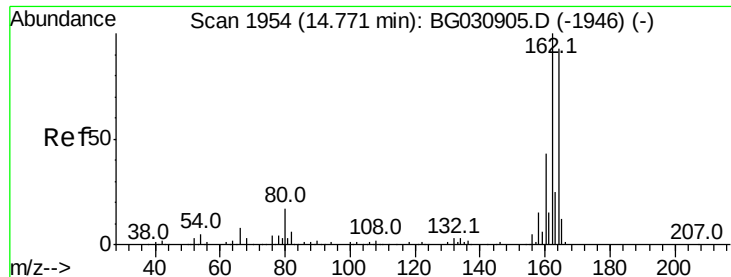
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	51.1	43.1	64.7



#32
 Benzoic acid
 Concen: 10.863 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.2	123.5	163.5#
77	86.8	85.7	125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampled :

TP-8

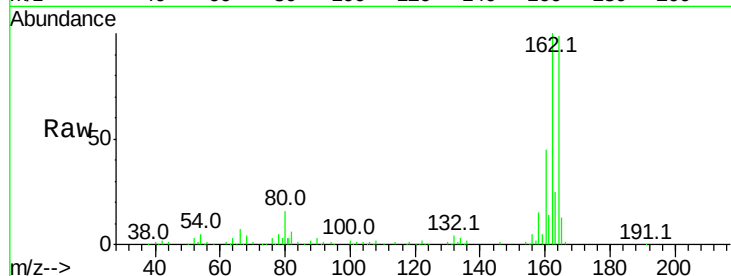
Tot Ion:164 Resp: 117171

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

160 45.4 35.4 53.0

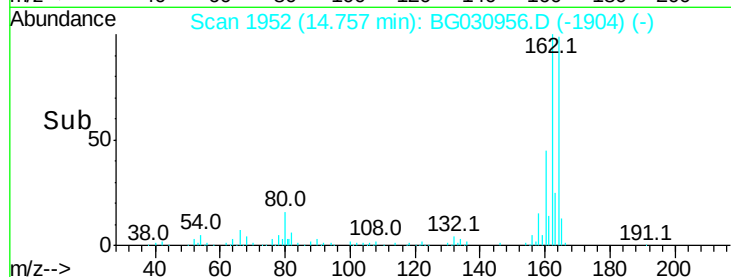


Abundance Ion 164.00 (163.70 to 164.70): E

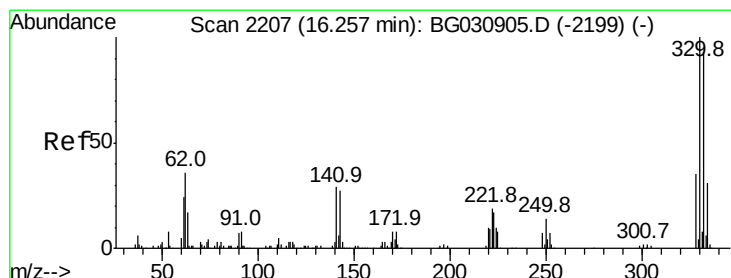
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.76



Time-->



#41

2,4,6-Tribromophenol

Concen: 189.670 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

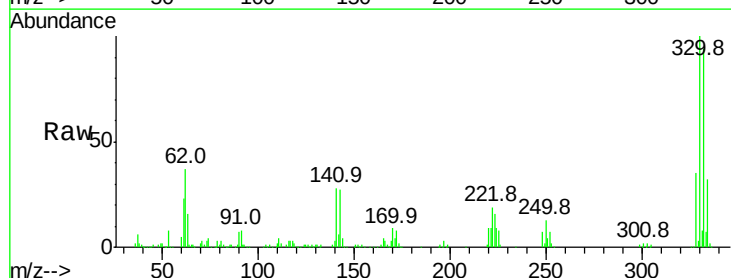
Tgt Ion:330 Resp: 359510

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 27.7 25.2 37.8

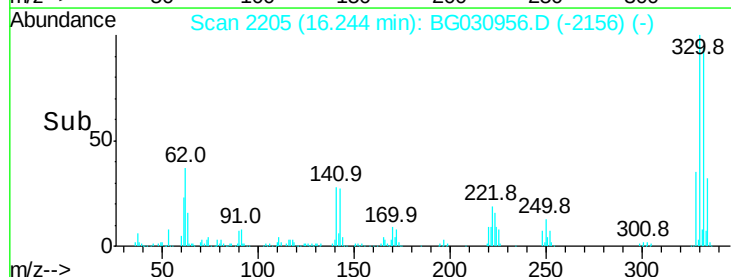


Abundance Ion 329.80 (329.50 to 330.50): E

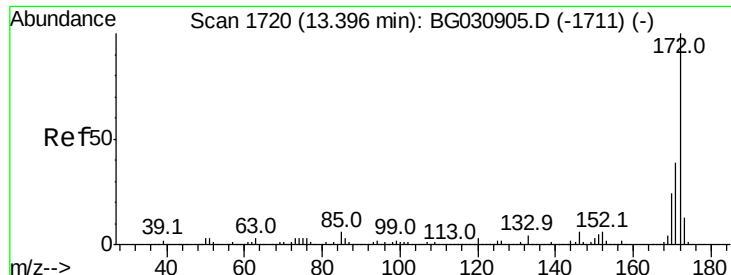
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.24



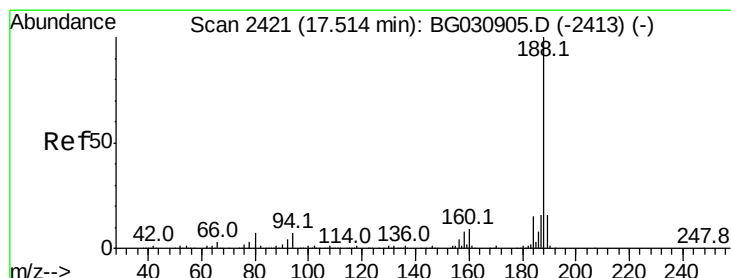
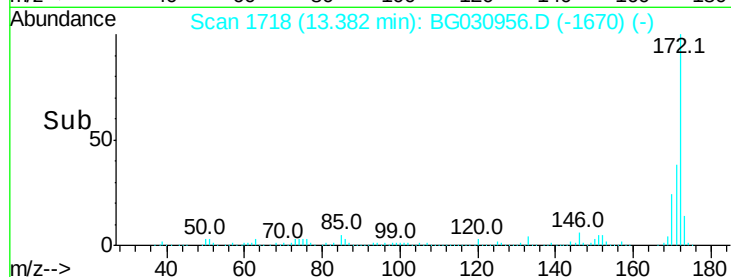
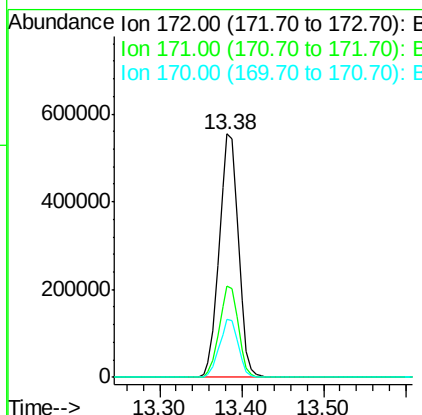
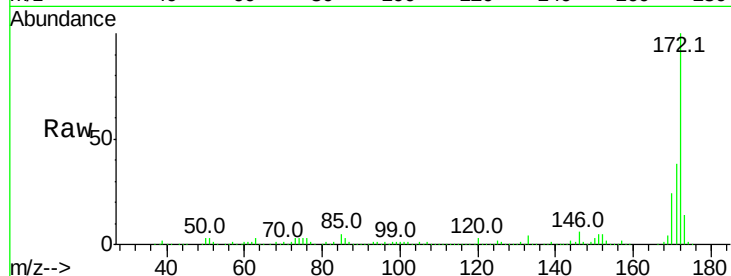
Time-->



#44
 2-Fluorobiphenyl
 Concen: 111.364 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

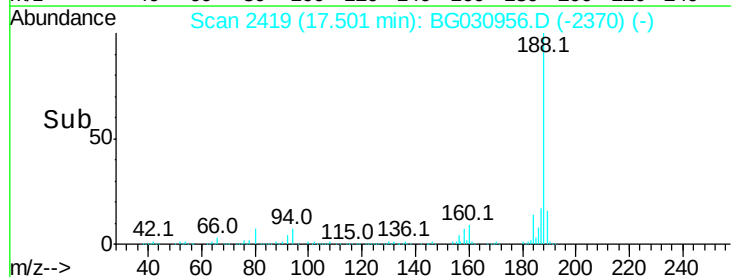
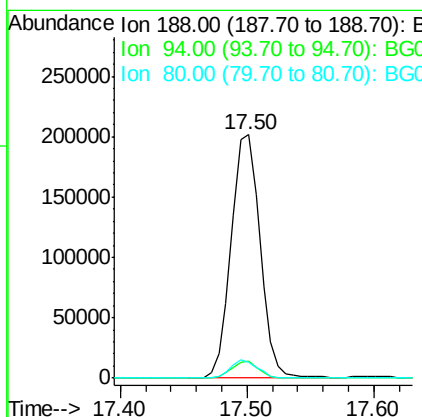
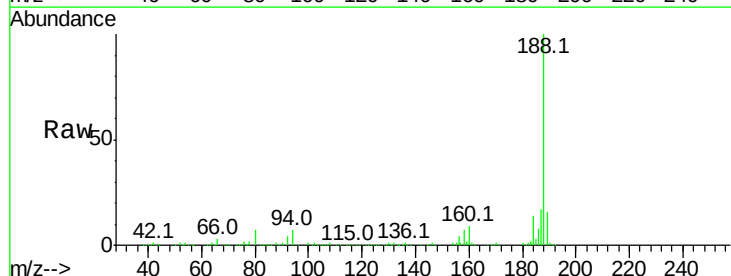
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

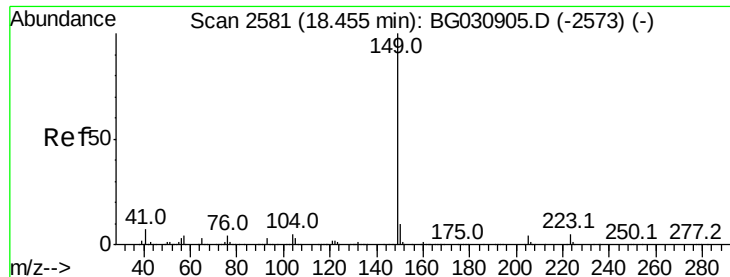
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030956.D
 Acq: 11 Nov 2017 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	6.6	7.7	11.5#

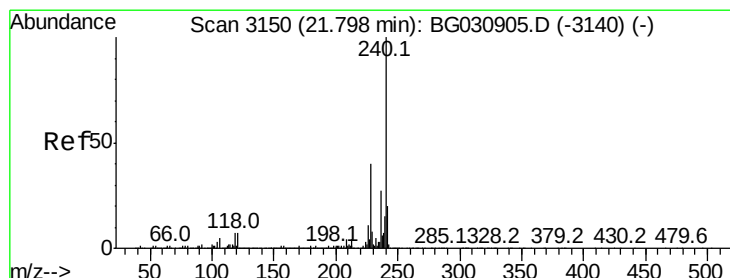
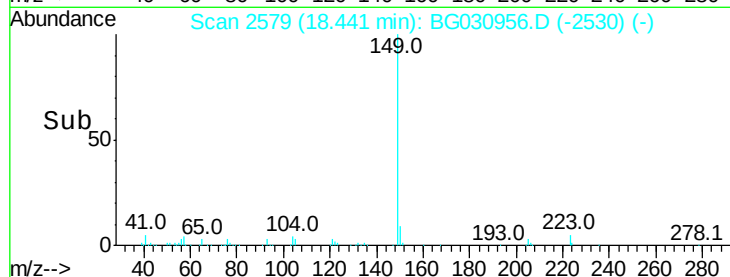
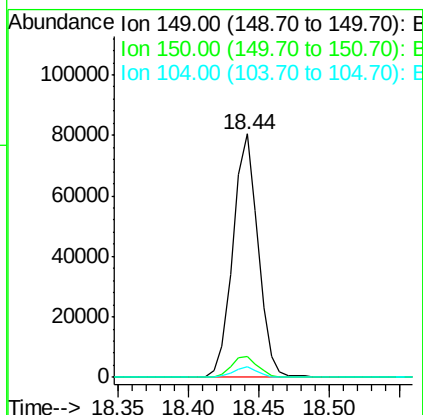
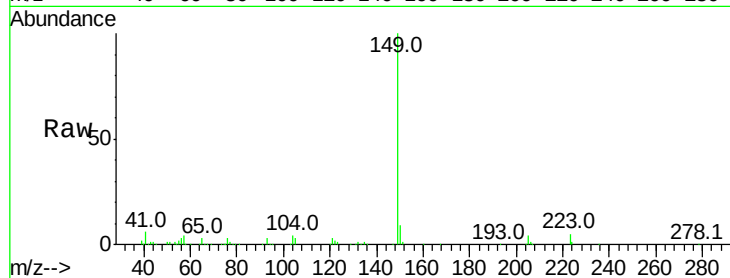




#73
Di-n-butylphthalate
Concen: 5.233 ng
RT: 18.44 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

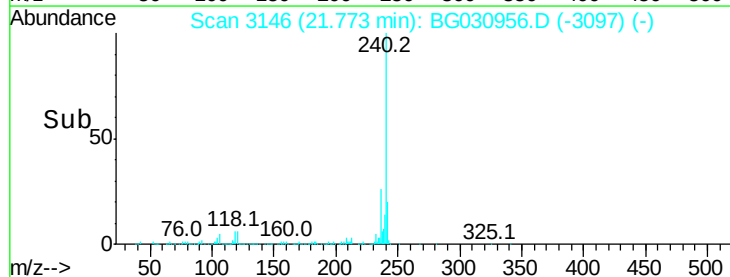
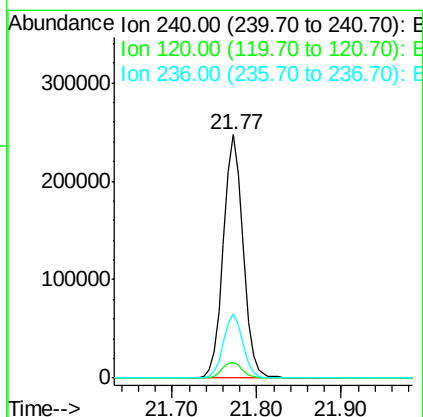
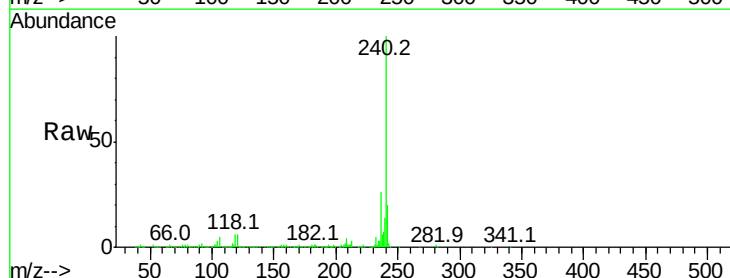
Instrument :
BNA_G
ClientSampleId :
TP-8

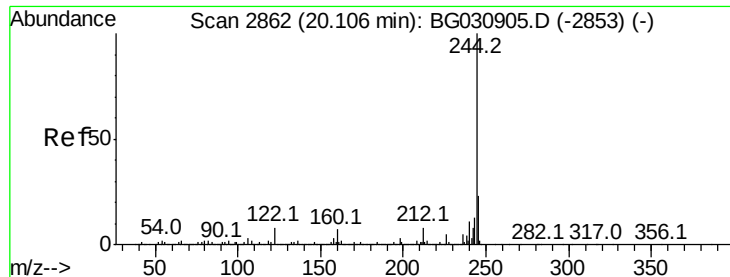
Tot Ion:149 Resp: 99747
Ion Ratio Lower Upper
149 100
150 8.5 7.8 11.6
104 4.5 3.9 5.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030956.D
Acq: 11 Nov 2017 23:22

Tgt Ion:240 Resp: 401317
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 100.445 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

Instrument :

BNA_G

ClientSampleId :

TP-8

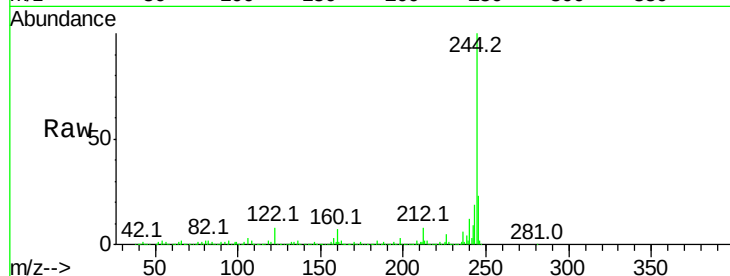
Tot Ion:244 Resp: 1825568

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

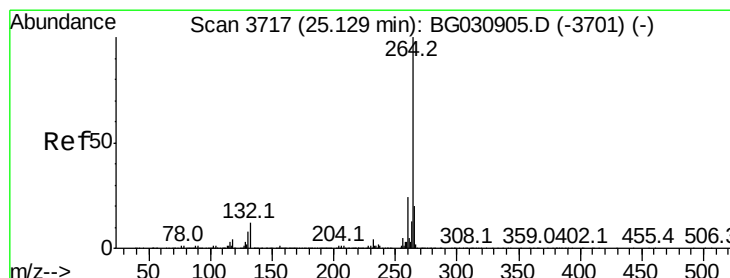
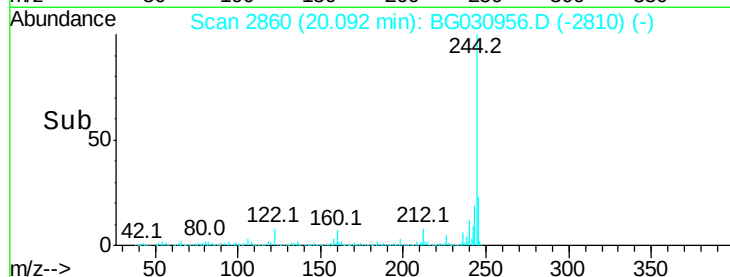
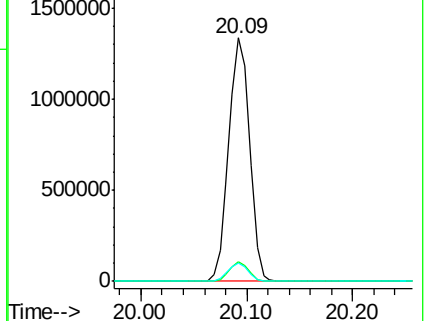
122 7.5 7.0 10.4



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: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030956.D

Acq: 11 Nov 2017 23:22

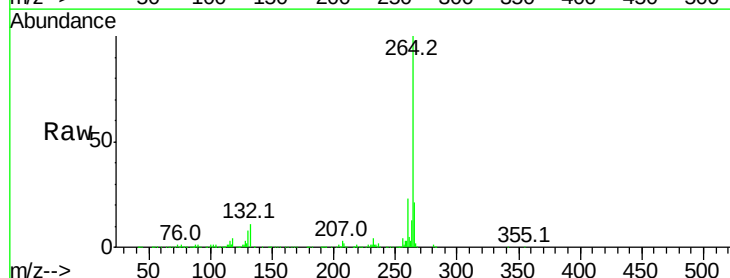
Tgt Ion:264 Resp: 399432

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.5 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

