

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031339.D
 Acq On : 2 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I6641-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 02 05:44:01 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

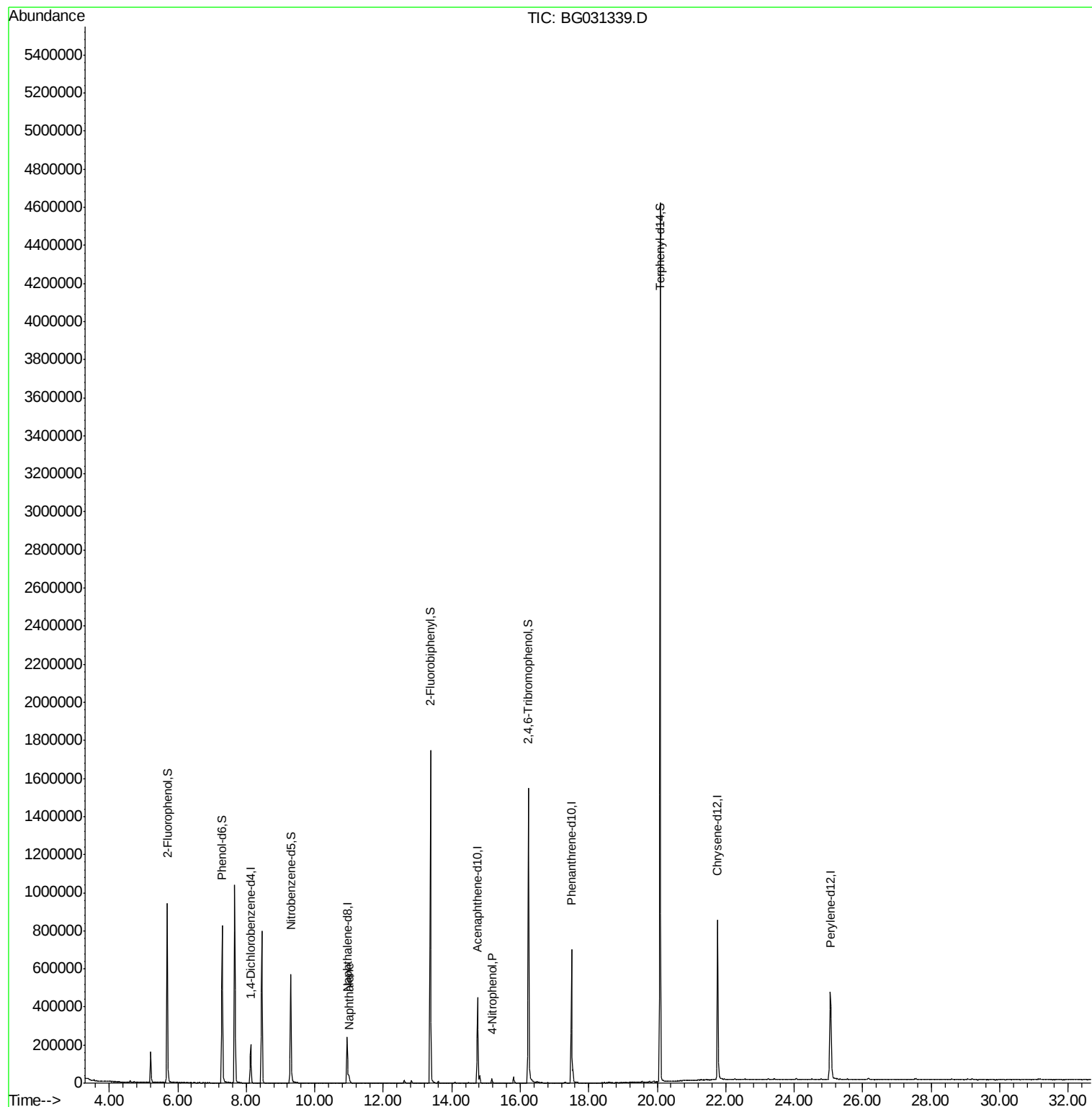
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64990	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	270696	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	177076	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	497133	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	588286	20.00	ng	-0.02
86) Perylene-d12	25.06	264	573946	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	486575	128.38	ng	-0.02
7) Phenol-d6	7.29	99	547847	107.29	ng	-0.01
23) Nitrobenzene-d5	9.30	82	398901	87.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	347389	121.27	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1080051	87.64	ng	-0.02
78) Terphenyl-d14	20.08	244	2295127	86.15	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	37093	2.79	ng	Qvalue 98
55) 4-Nitrophenol	15.17	139	6766	2.83	ng	# 1

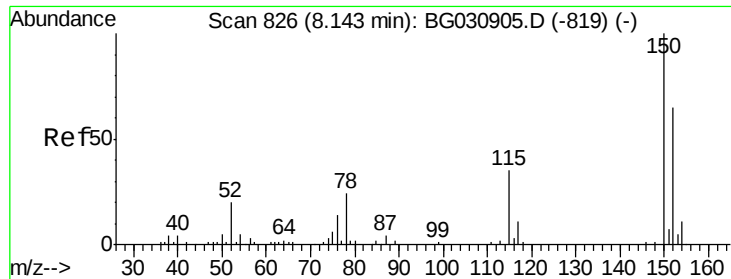
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

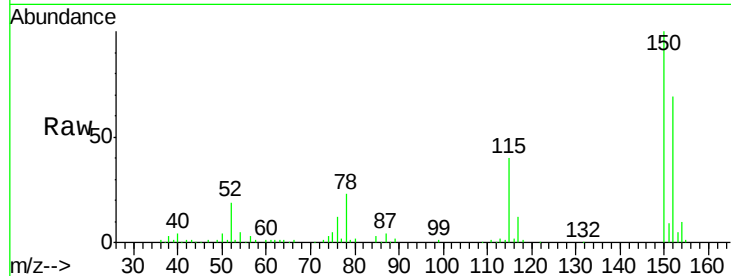
Tot Ion:152 Resp: 64990

Ion Ratio Lower Upper

152 100

150 145.9 126.6 189.8

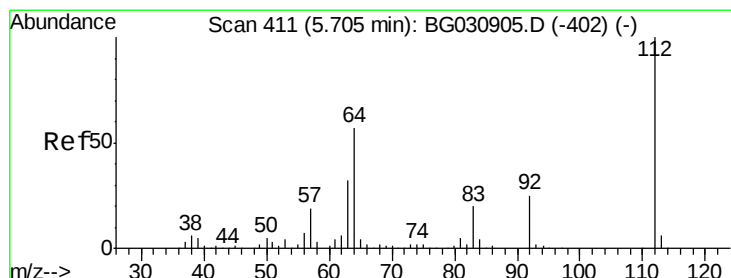
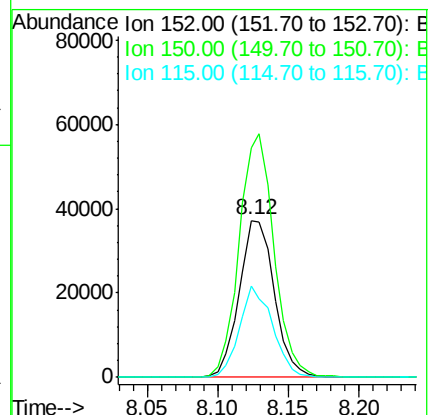
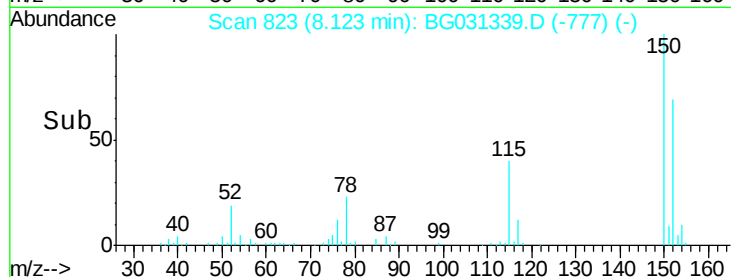
115 58.4 53.0 79.4



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: 128.38 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

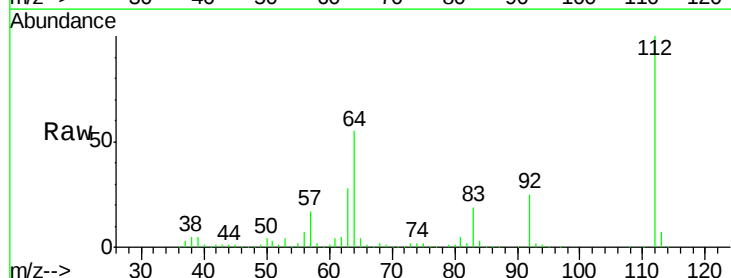
Tgt Ion:112 Resp: 486575

Ion Ratio Lower Upper

112 100

64 55.3 56.3 84.5#

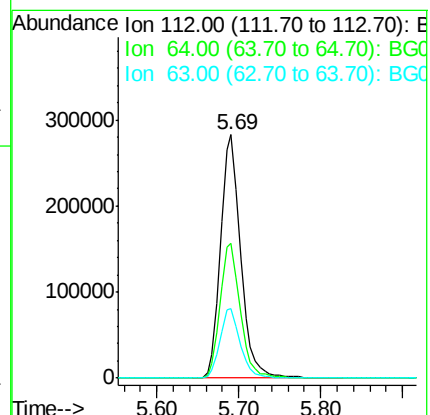
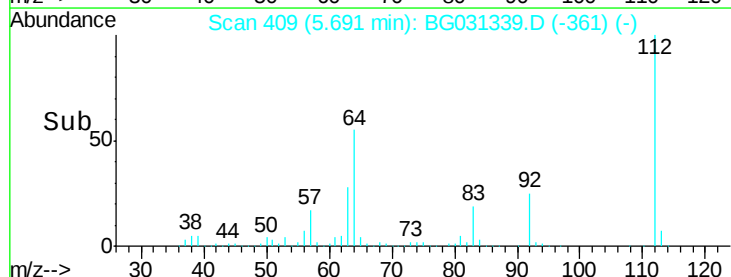
63 28.4 30.1 45.1#

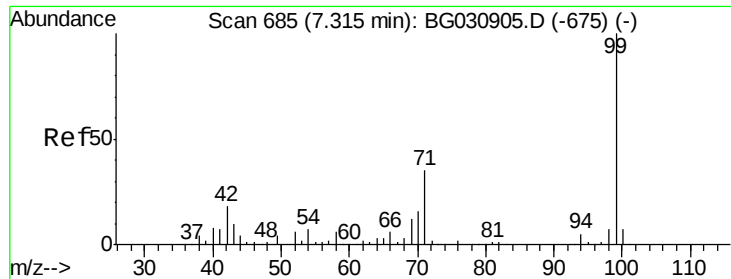


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.29 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

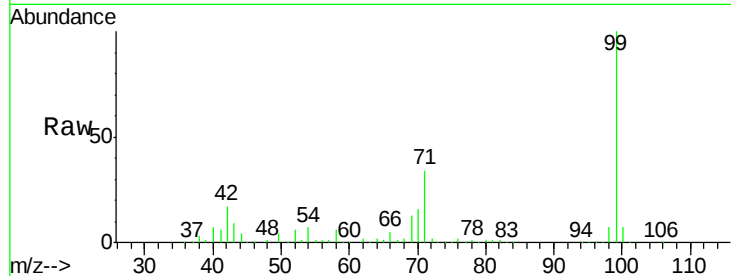
Tot Ion: 99 Resp: 547847

Ion Ratio Lower Upper

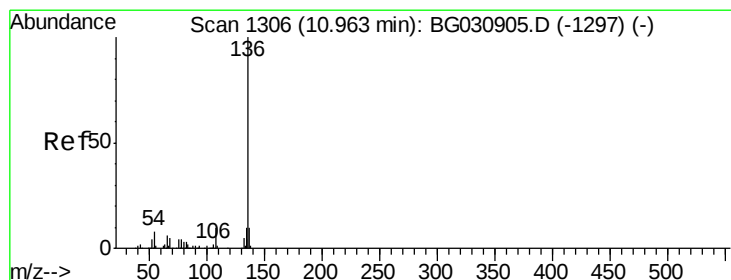
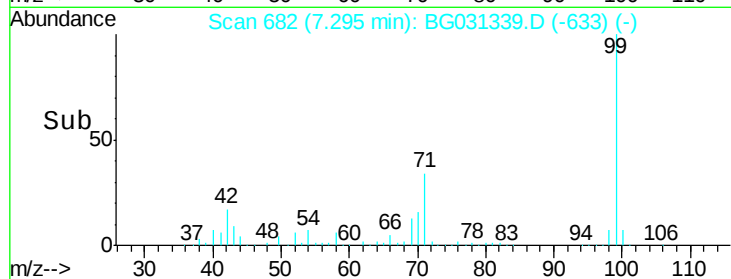
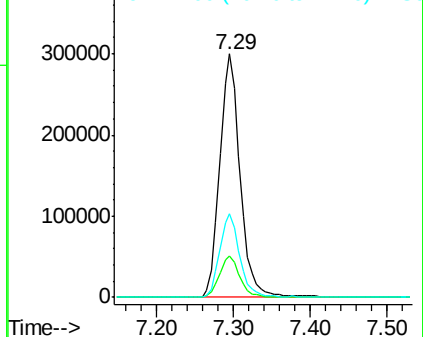
99 100

42 17.0 14.1 21.1

71 34.1 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Tgt Ion: 136 Resp: 270696

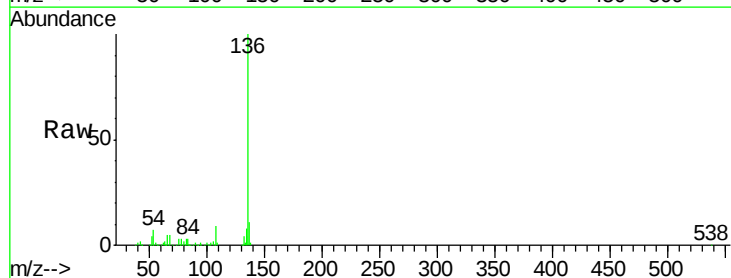
Ion Ratio Lower Upper

136 100

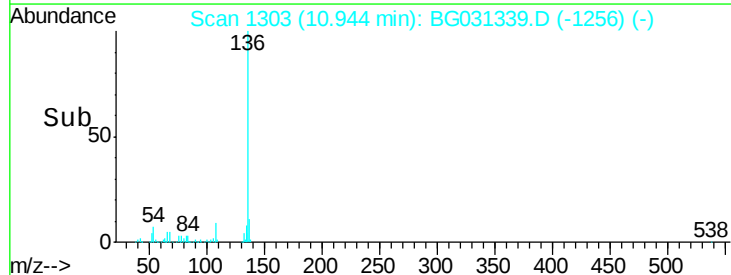
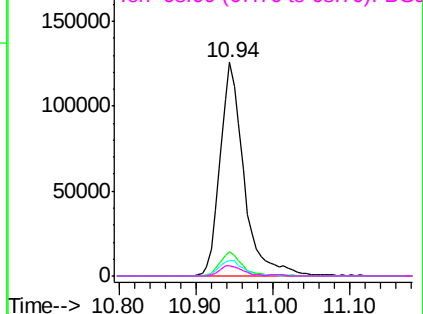
137 11.1 9.2 13.8

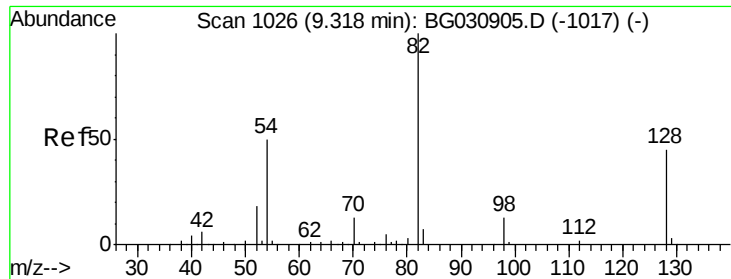
54 7.2 10.3 15.5#

68 5.1 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

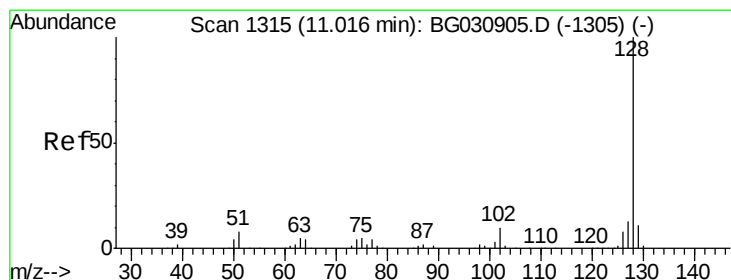
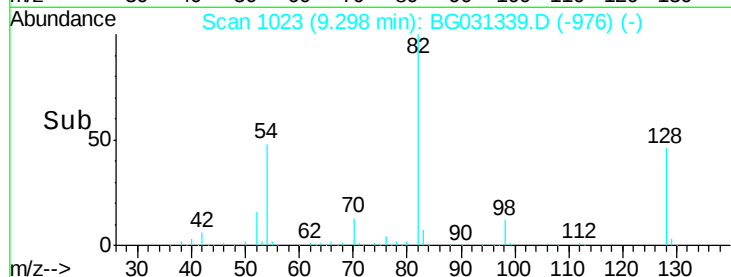
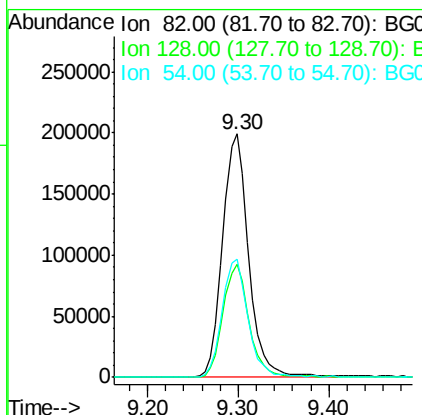
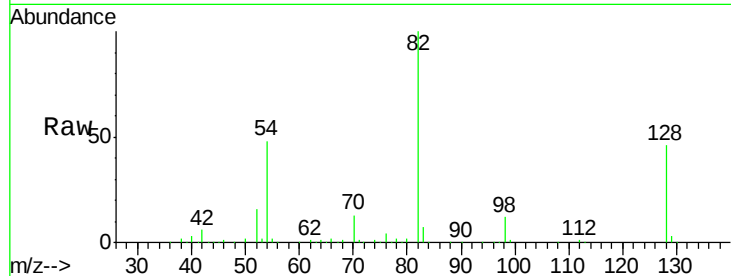




#23
Nitrobenzene-d5
Concen: 87.32 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

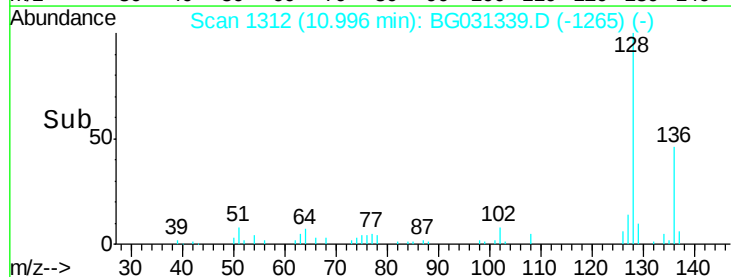
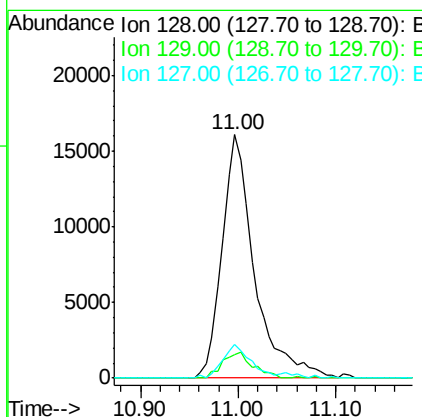
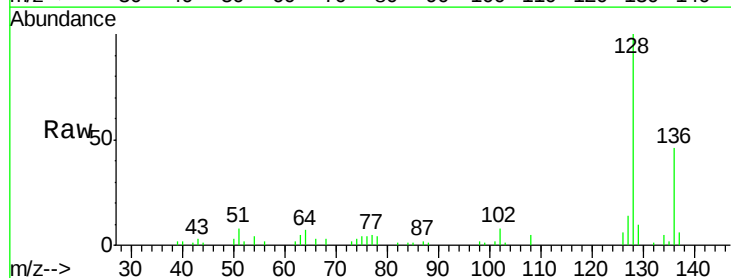
Instrument :
BNA_G
ClientSampleId :
TP-3

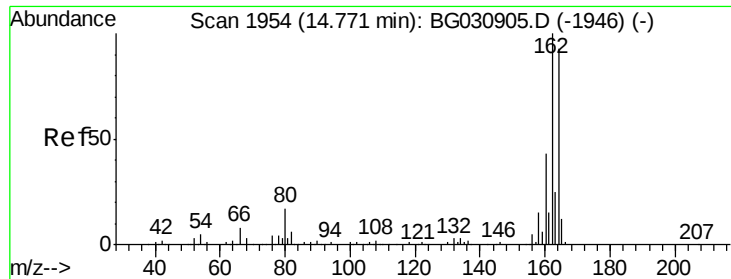
Tot Ion	82	Resp	398901
Ion Ratio	Lower	Upper	
82	100		
128	46.2	29.7	44.5#
54	48.3	43.1	64.7



#31
Naphthalene
Concen: 2.79 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

Tgt Ion	128	Resp	37093
Ion Ratio	Lower	Upper	
128	100		
129	9.8	8.6	12.8
127	14.1	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

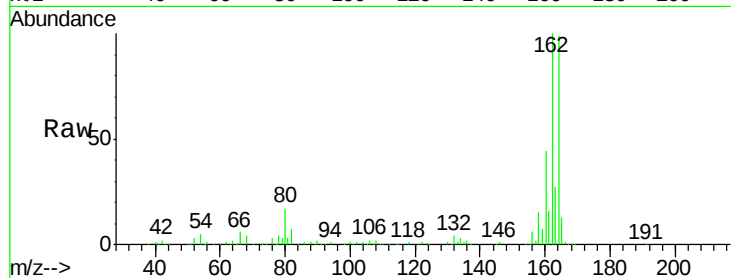
Tot Ion:164 Resp: 177076

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

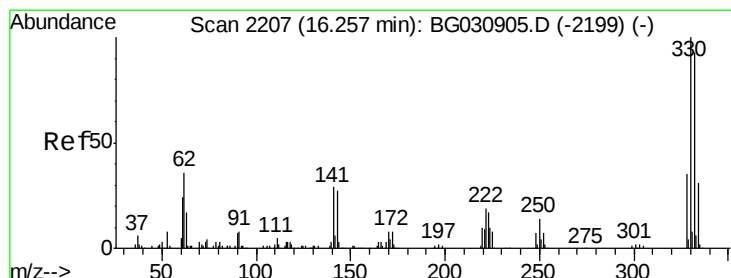
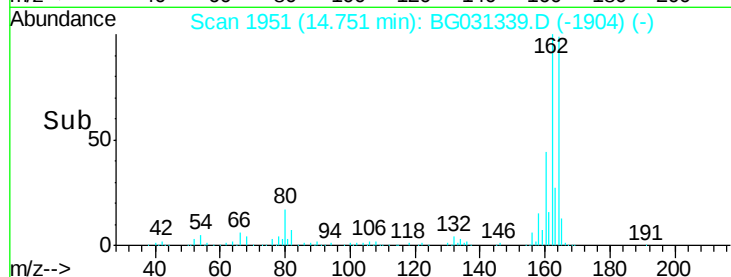
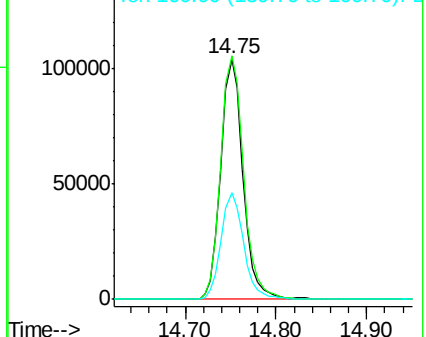
160 44.3 35.4 53.0



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: 121.27 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

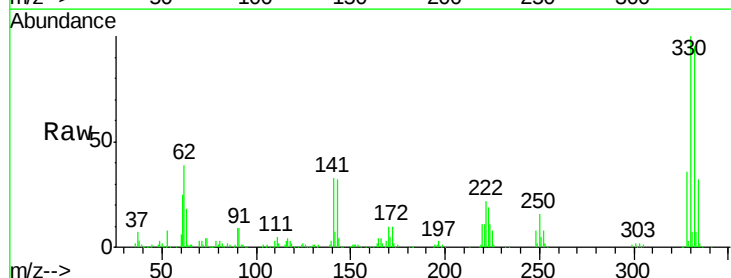
Tgt Ion:330 Resp: 347389

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

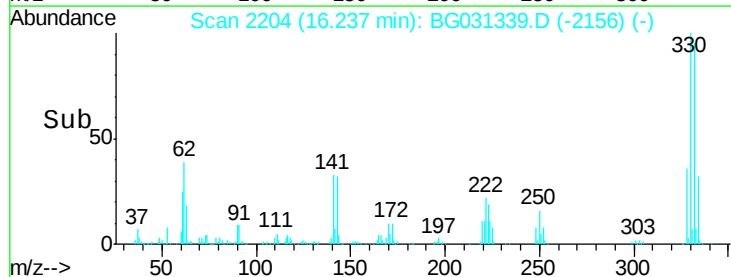
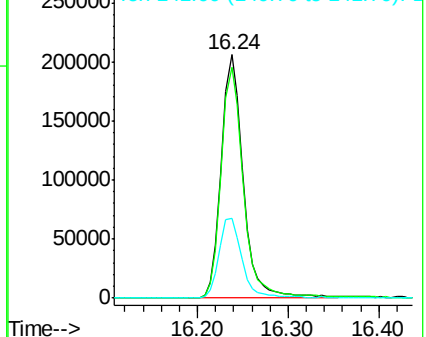
141 34.4 25.2 37.8

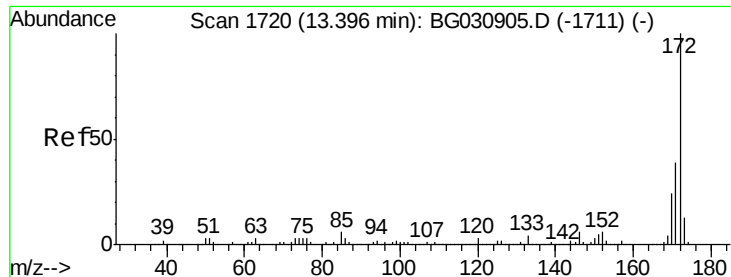


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

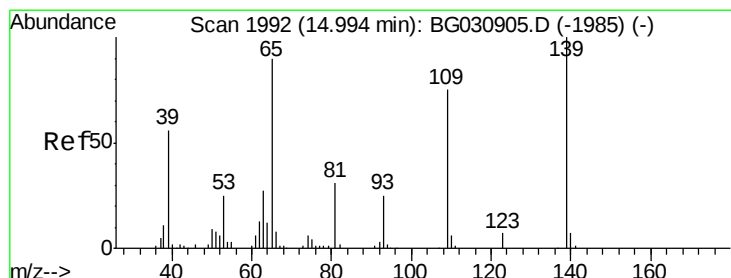
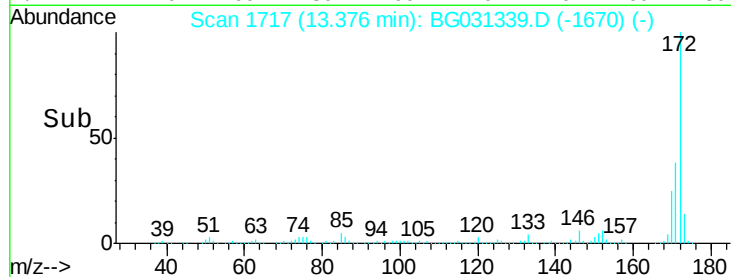
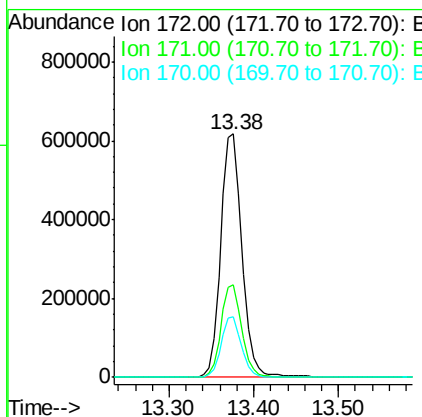
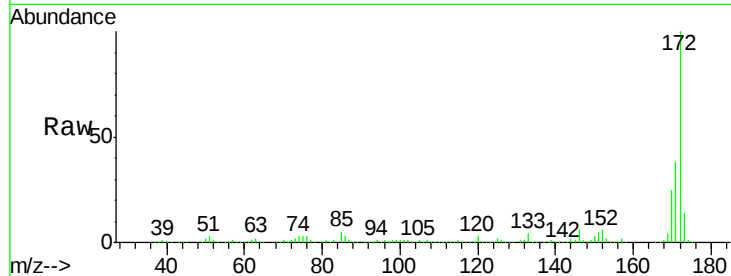




#44
 2-Fluorobiphenyl
 Concen: 87.64 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031339.D
 Acq: 2 Dec 2017 5:07

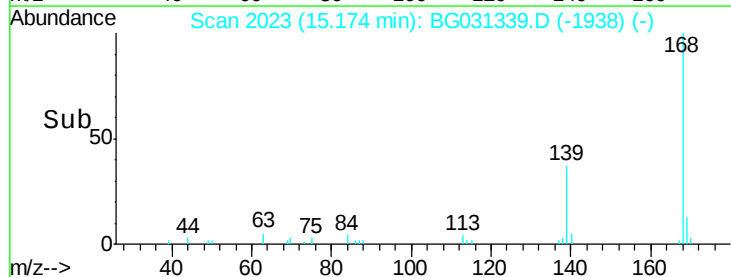
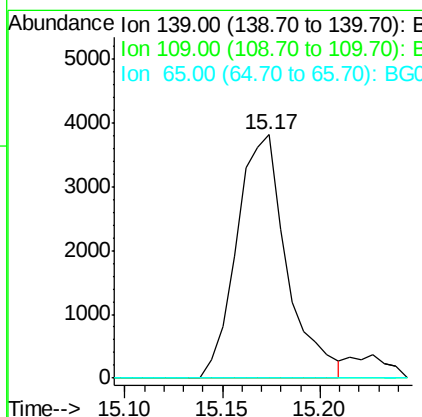
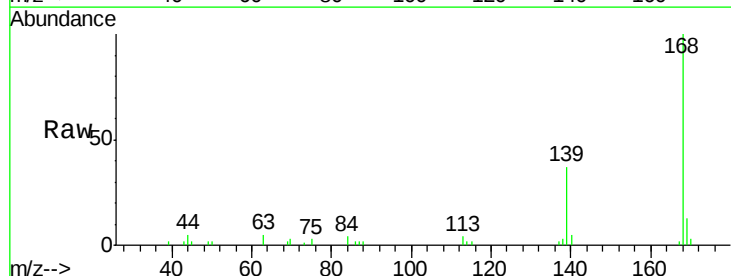
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

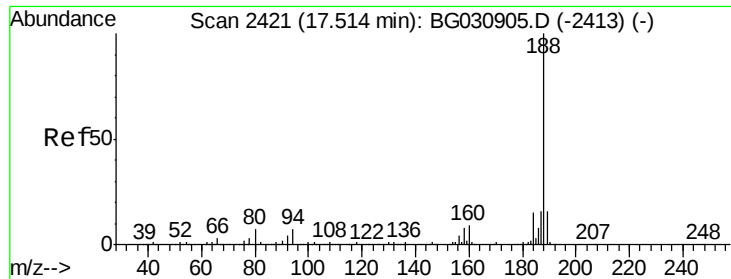
Tot Ion:172 Resp: 1080051
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.6 19.5 29.3



#55
 4-Nitrophenol
 Concen: 2.83 ng
 RT: 15.17 min Scan# 2023
 Delta R.T. 0.20 min
 Lab File: BG031339.D
 Acq: 2 Dec 2017 5:07

Tgt Ion:139 Resp: 6766
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#

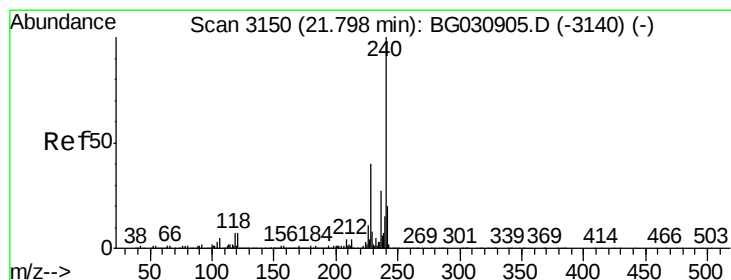
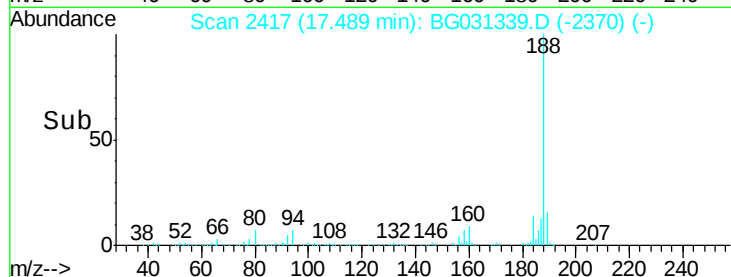
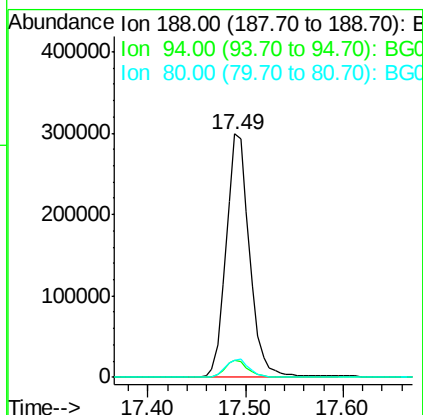
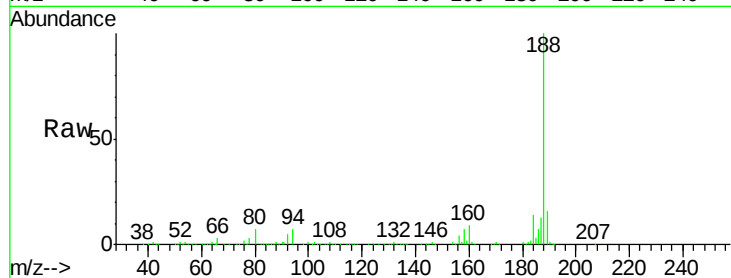




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

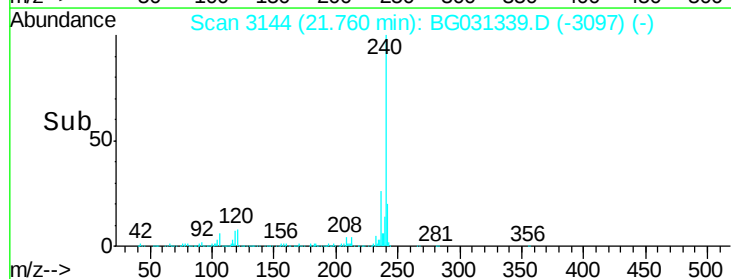
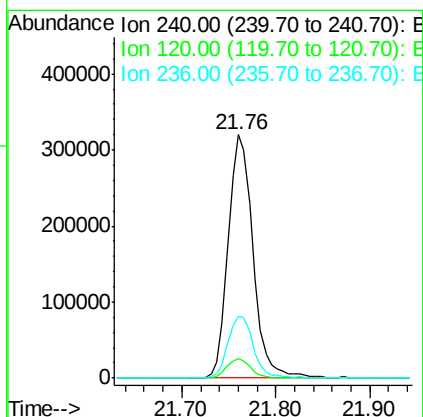
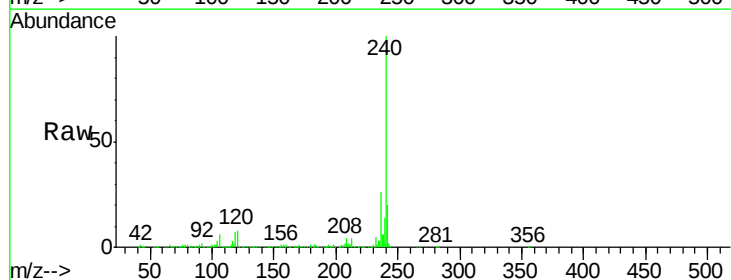
Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:188 Resp: 497133
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031339.D
Acq: 2 Dec 2017 5:07

Tgt Ion:240 Resp: 588286
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 86.15 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

TP-3

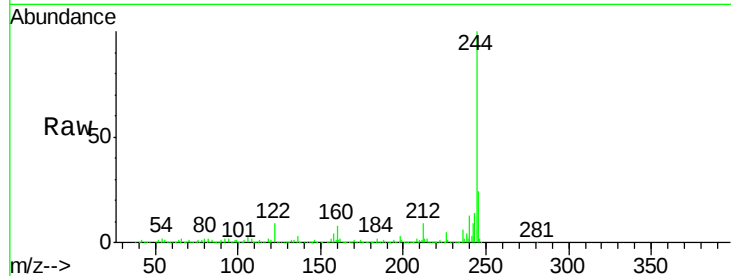
Tot Ion:244 Resp: 2295127

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

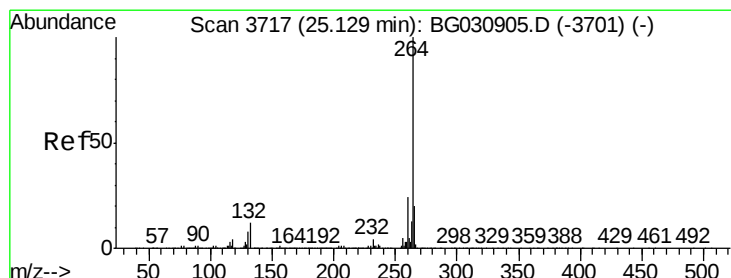
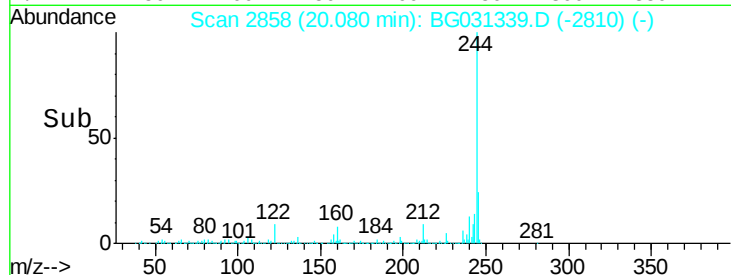
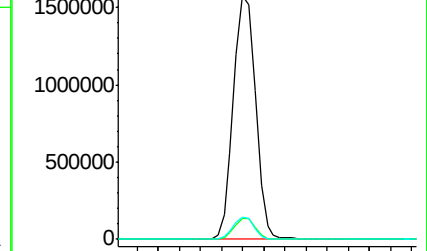
122 9.3 7.0 10.4



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# 3706

Delta R.T. -0.03 min

Lab File: BG031339.D

Acq: 2 Dec 2017 5:07

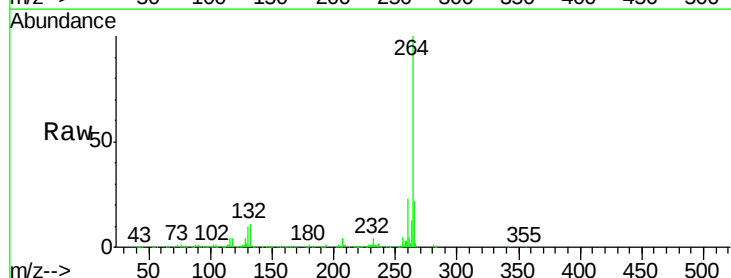
Tgt Ion:264 Resp: 573946

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.0 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

