

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028793.D
 Acq On : 18 Sep 2017 13:43
 Operator : SJ/JU
 Sample : PB102386BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:07:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

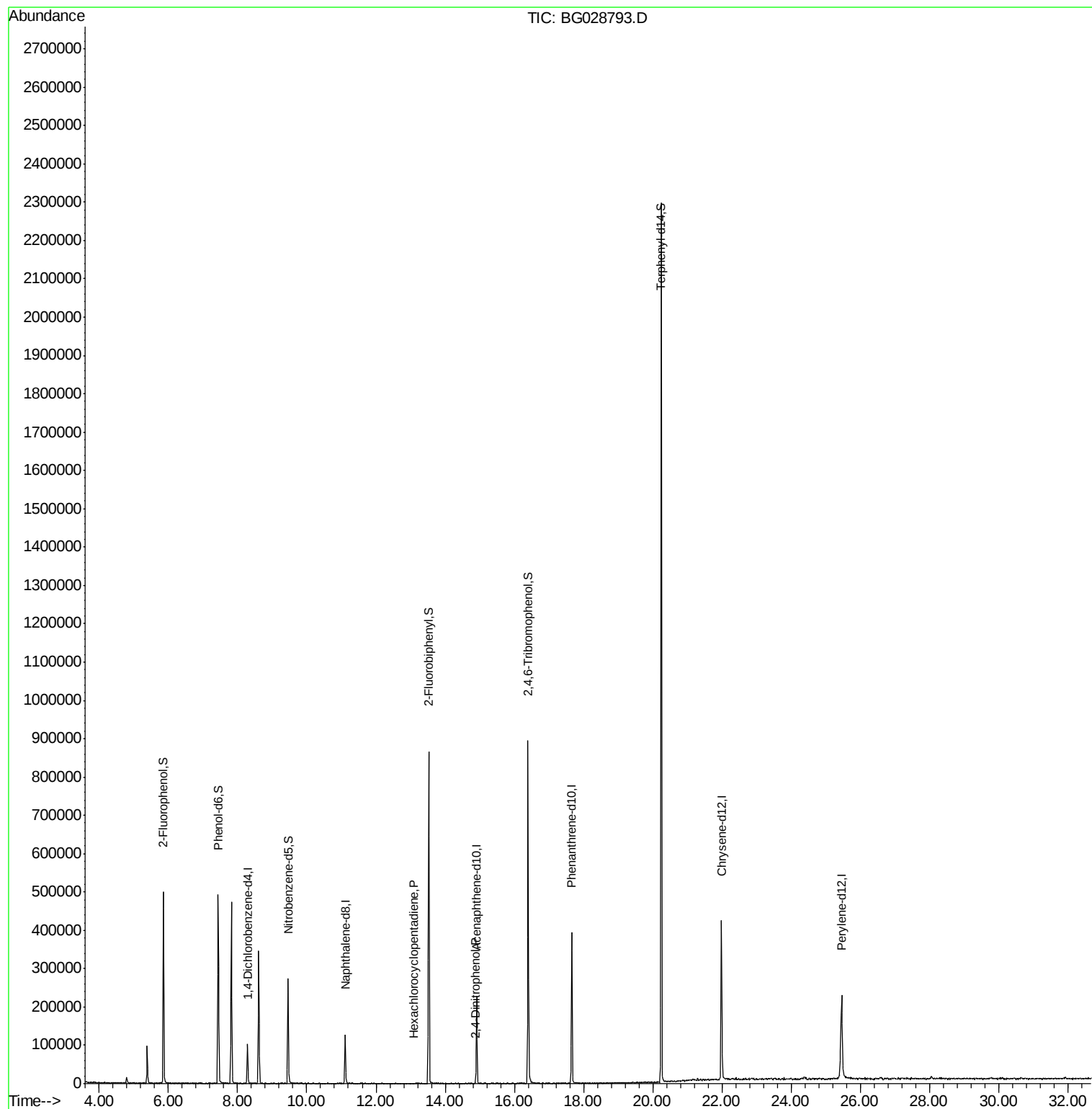
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27476	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	115106	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	86182	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	265266	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	303757	20.00	ng	-0.05
86) Perylene-d12	25.46	264	305620	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	216172	129.82	ng	-0.05
7) Phenol-d6	7.44	99	292747	116.77	ng	-0.05
23) Nitrobenzene-d5	9.46	82	178697	74.27	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	195723	137.31	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	497651	77.00	ng	-0.04
78) Terphenyl-d14	20.24	244	1104209	77.52	ng	-0.04
Target Compounds						
40) Hexachlorocyclopentadiene	13.09	237	54	7.64	ng	# 29
53) 2,4-Dinitrophenol	14.86	184	54	8.06	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

Instrument :

BNA_G

ClientSampleId :

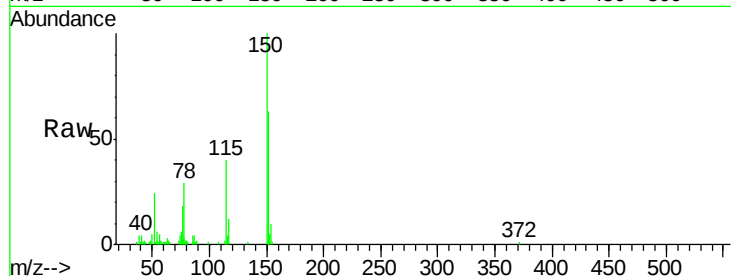
Tot Ion:152 Resp: 27476

Ion Ratio Lower Upper

152 100

150 158.8 114.0 171.0

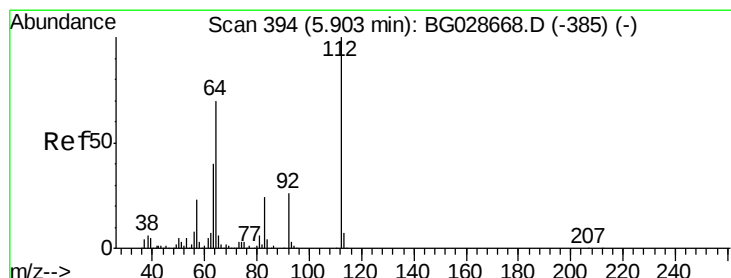
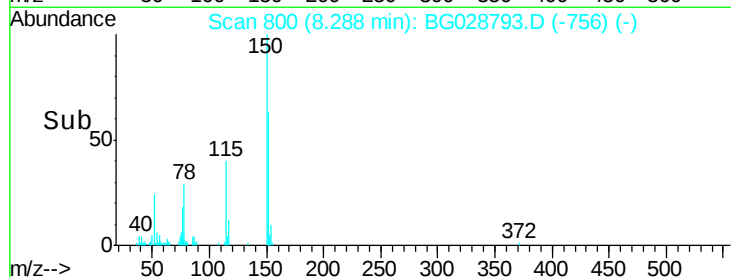
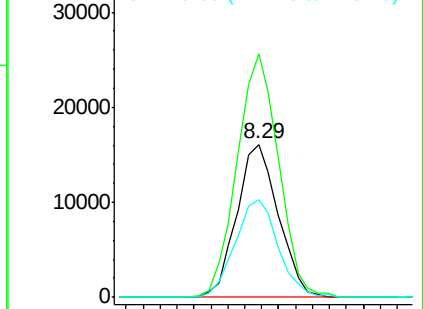
115 64.0 48.1 72.1



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: 129.82 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

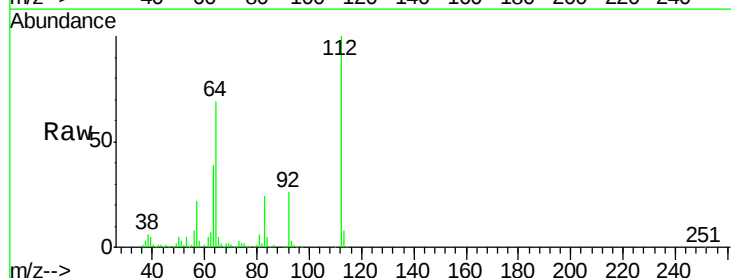
Tgt Ion:112 Resp: 216172

Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

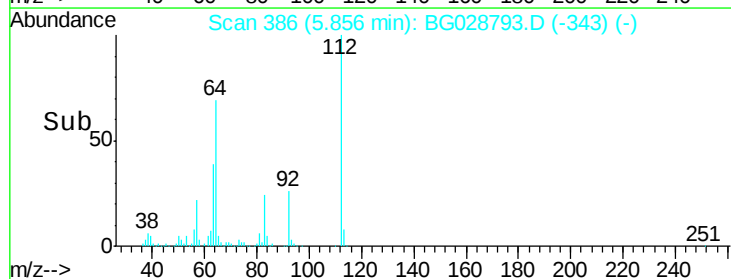
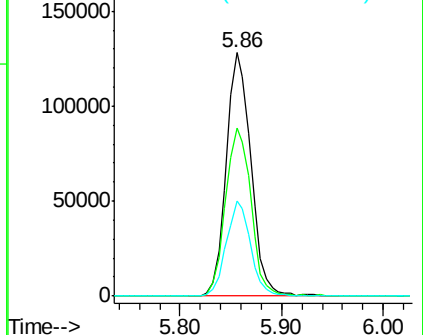
63 38.9 37.2 55.8

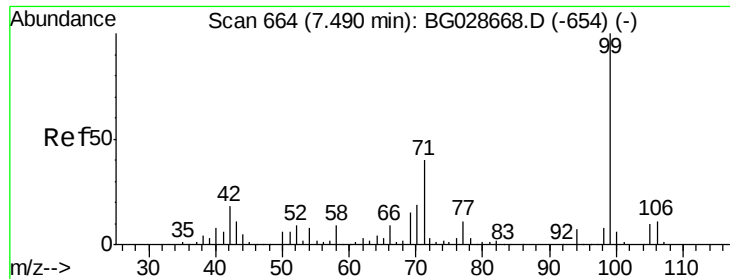


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.77 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

Instrument :

BNA_G

ClientSampleId :

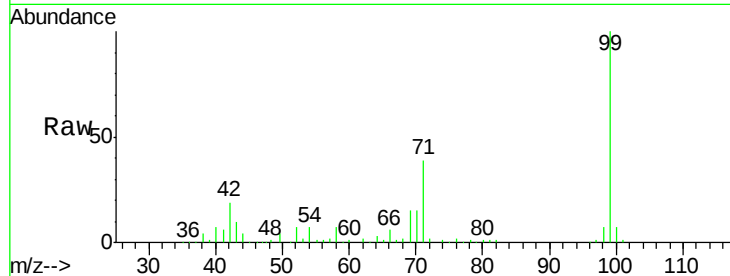
Tot Ion: 99 Resp: 292747

Ion Ratio Lower Upper

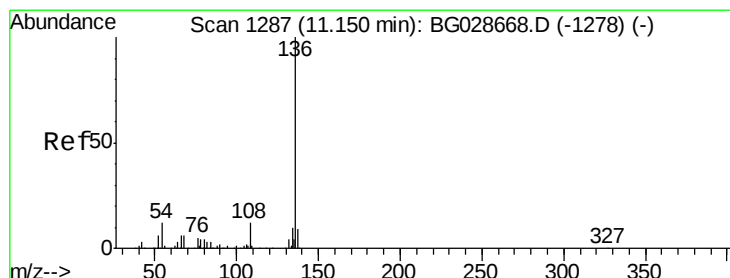
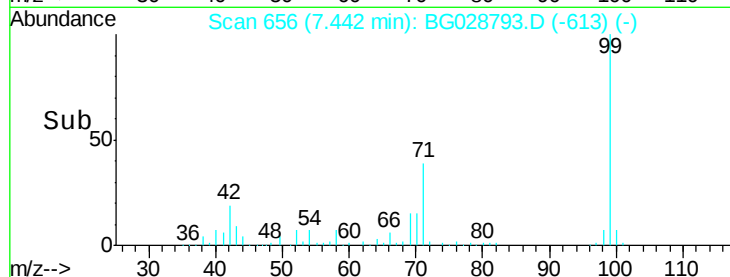
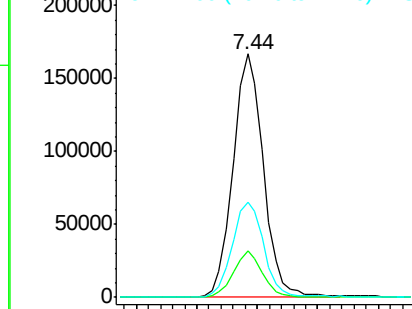
99 100

42 19.0 20.5 30.7#

71 38.9 37.6 56.4



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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

Tgt Ion:136 Resp: 115106

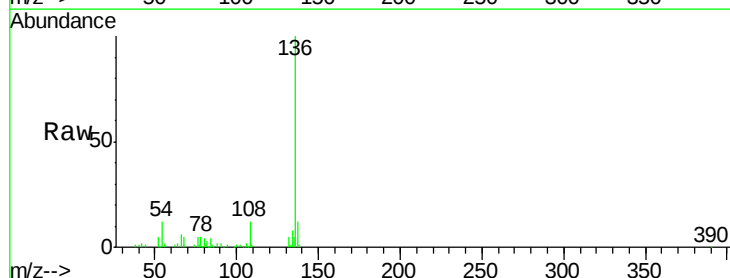
Ion Ratio Lower Upper

136 100

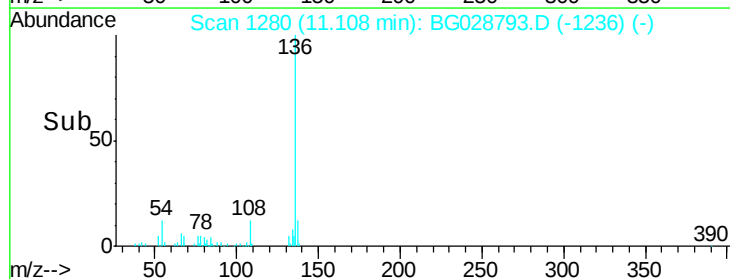
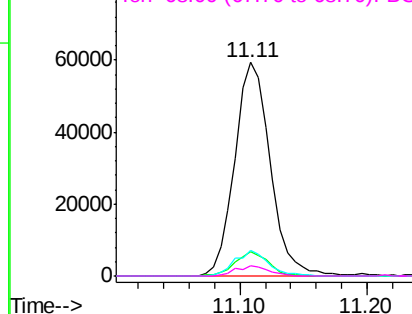
137 11.6 8.9 13.3

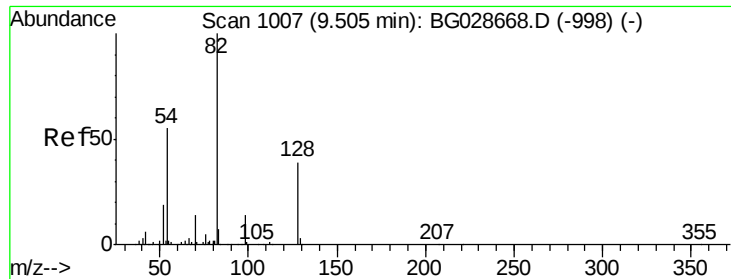
54 12.0 9.3 13.9

68 5.1 5.1 7.7#



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

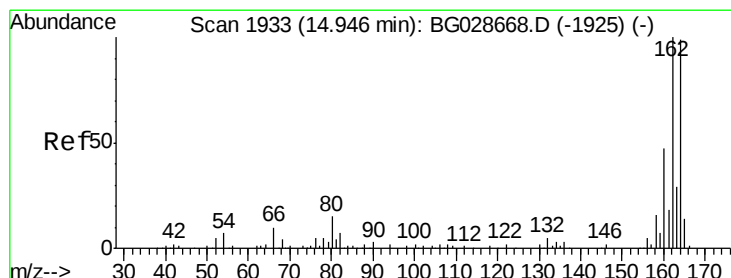
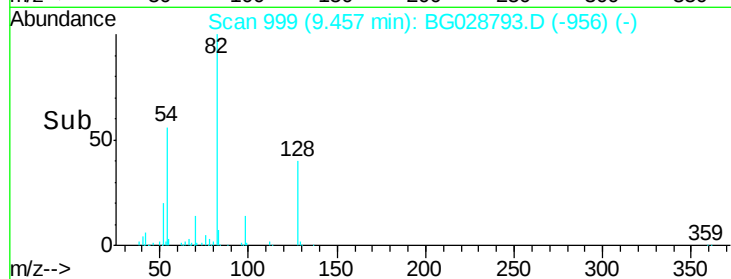
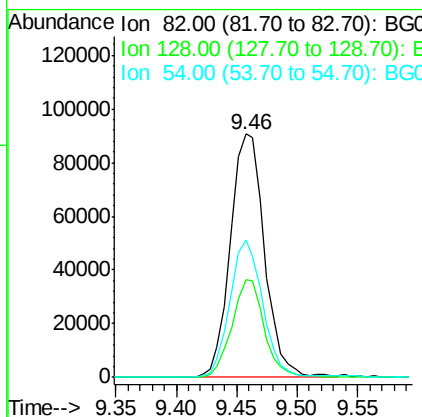
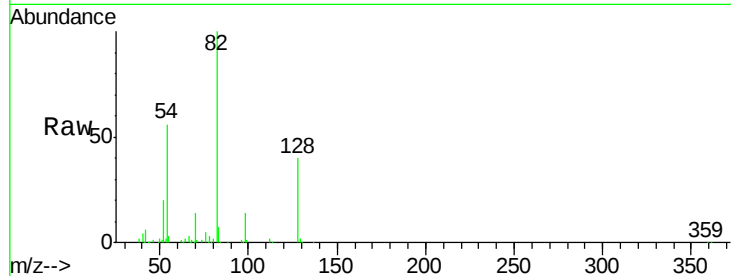




#23
 Nitrobenzene-d5
 Concen: 74.27 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028793.D
 Acq: 18 Sep 2017 13:43

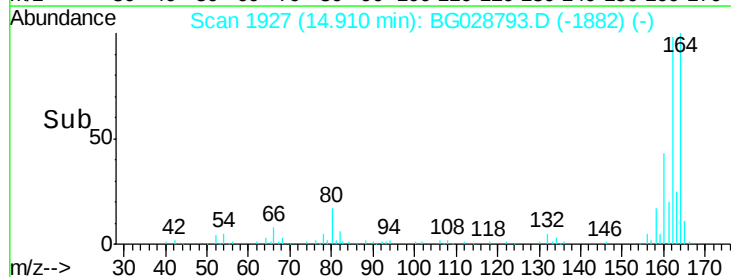
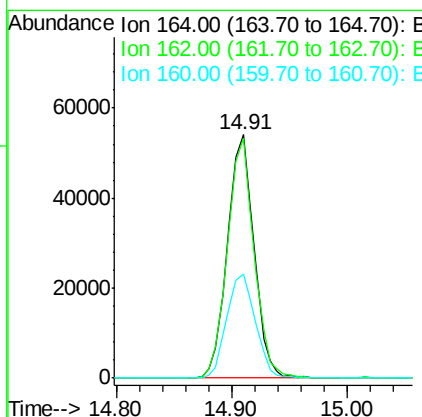
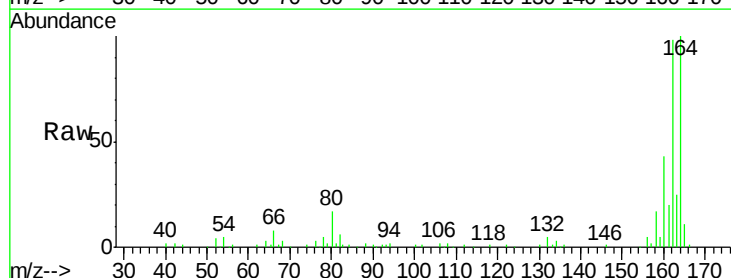
Instrument :
 BNA_G
 ClientSampled :

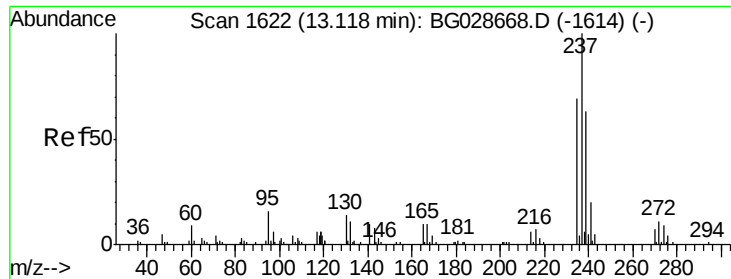
Tot Ion	82	Resp	178697
Ion Ratio	Lower	Upper	
82	100		
128	40.0	26.4	39.6#
54	56.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1927
 Delta R.T. -0.04 min
 Lab File: BG028793.D
 Acq: 18 Sep 2017 13:43

Tgt Ion	164	Resp	86182
Ion Ratio	Lower	Upper	
164	100		
162	98.3	85.1	127.7
160	42.7	34.7	52.1

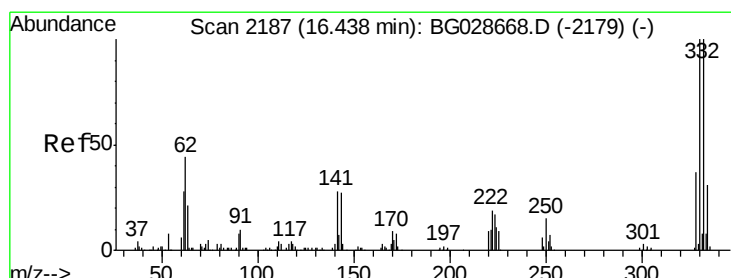
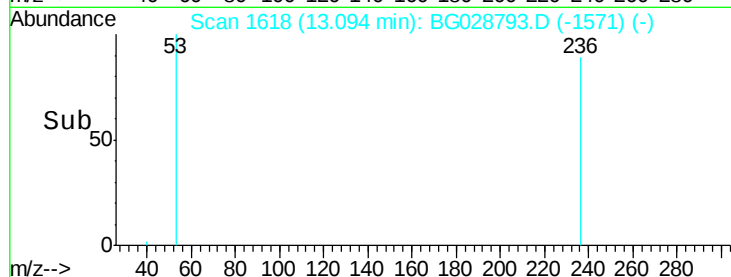
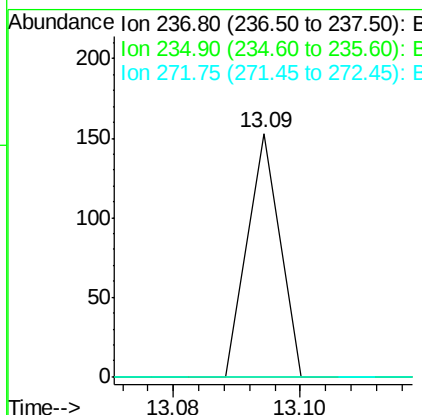
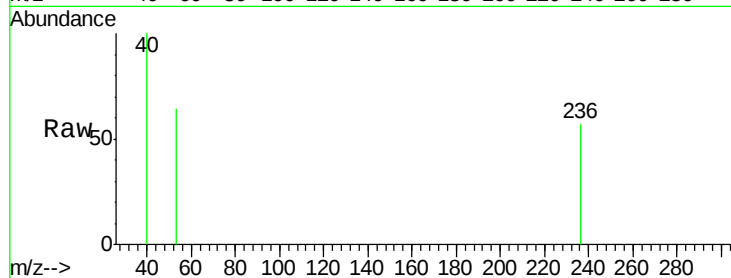




#40
Hexachlorocyclopentadiene
Concen: 7.64 ng
RT: 13.09 min Scan# 1618
Delta R.T. -0.02 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

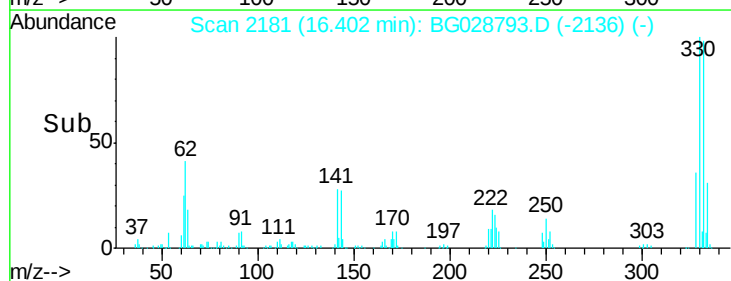
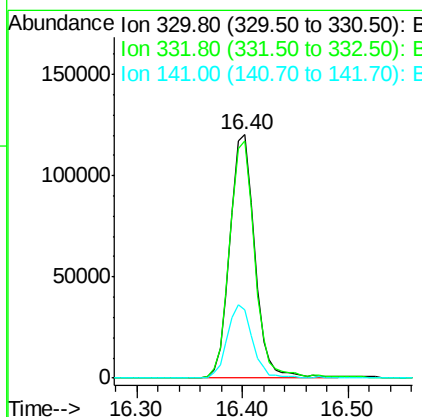
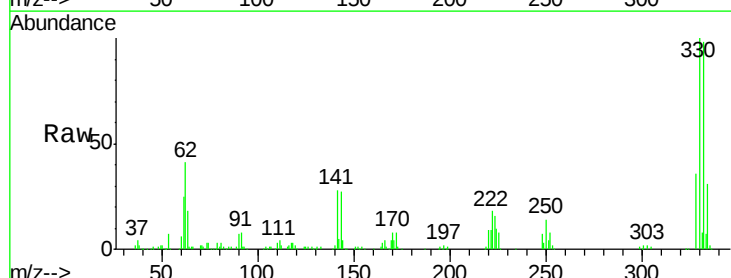
Instrument :
BNA_G
ClientSampleId :

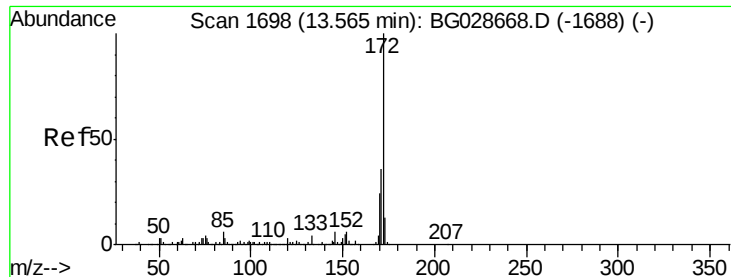
Tot Ion: 237 Resp: 54
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 137.31 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

Tgt Ion: 330 Resp: 195723
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 30.1 32.1 48.1#

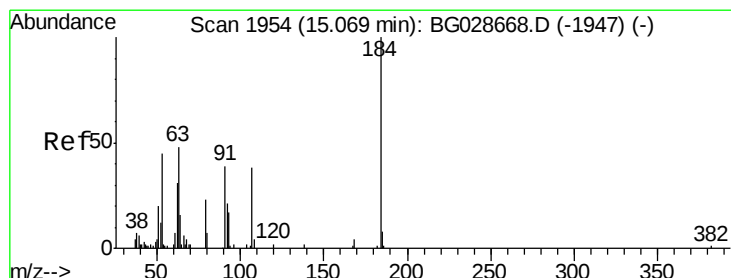
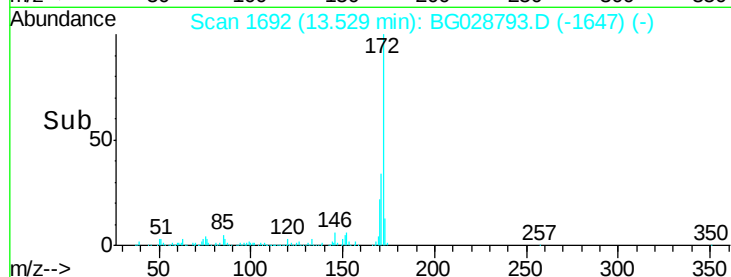
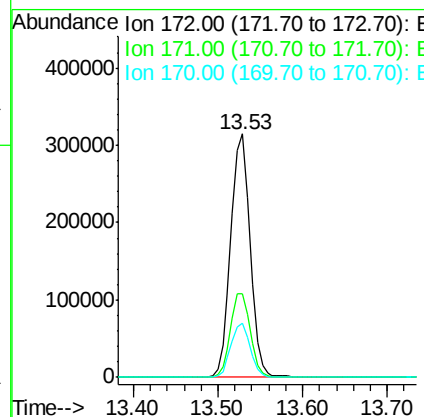
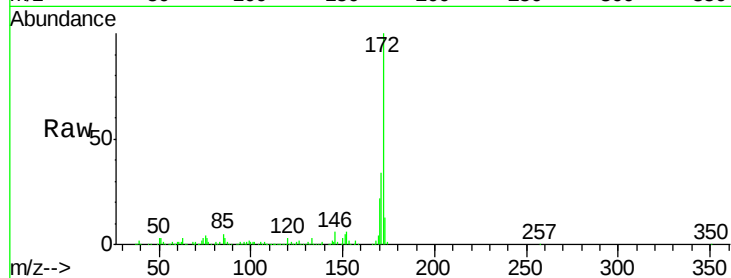




#44
2-Fluorobiphenyl
Concen: 77.00 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

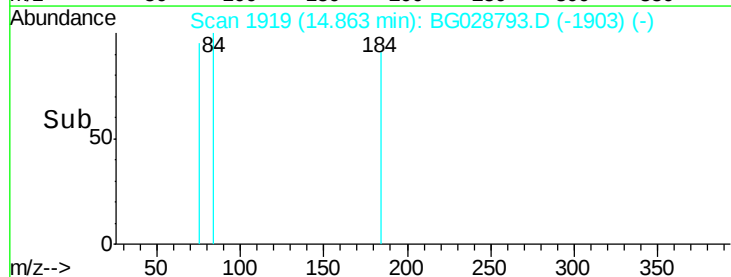
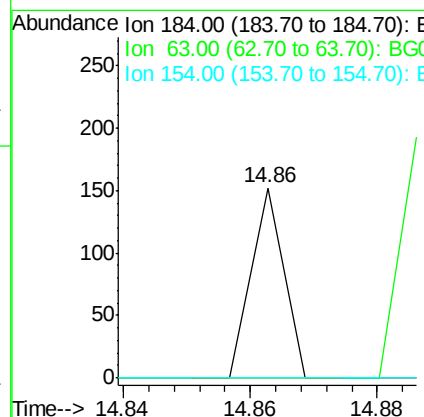
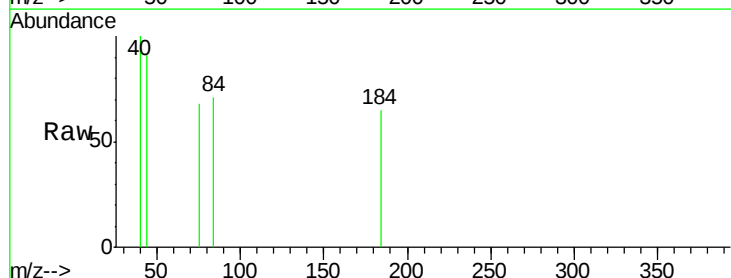
Instrument :
BNA_G
ClientSampleId :

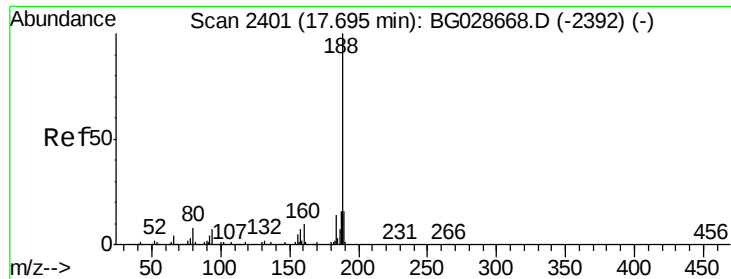
Tot Ion:172 Resp: 497651
Ion Ratio Lower Upper
172 100
171 34.3 32.2 48.2
170 22.1 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.06 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.21 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

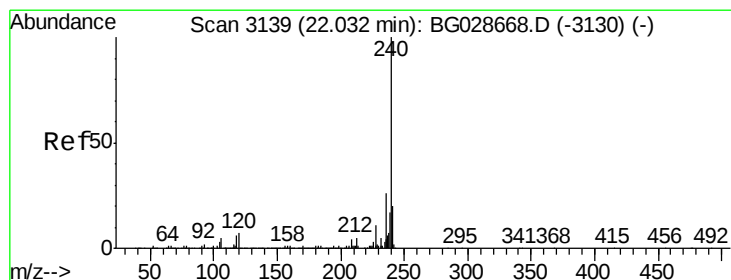
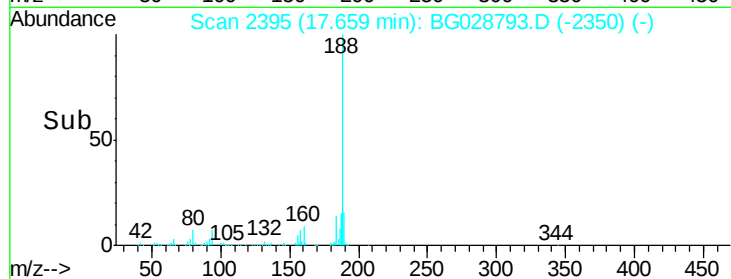
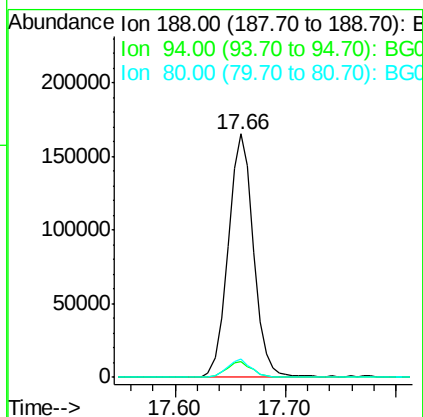
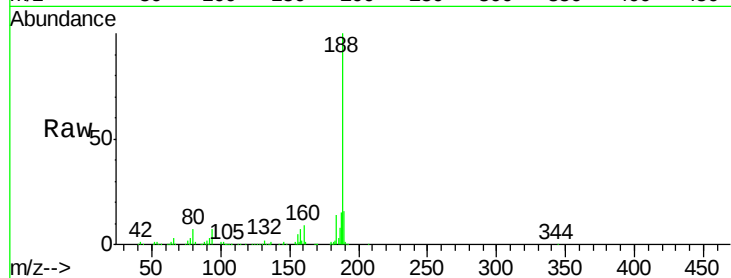




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

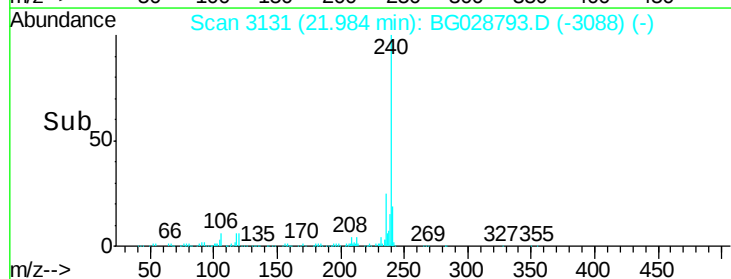
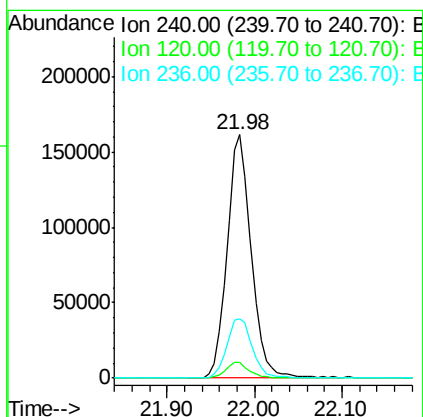
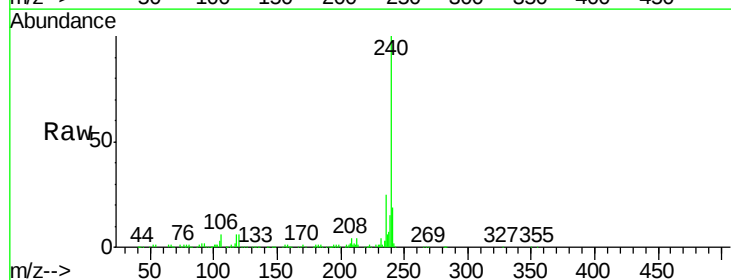
Instrument :
BNA_G
ClientSampleId :

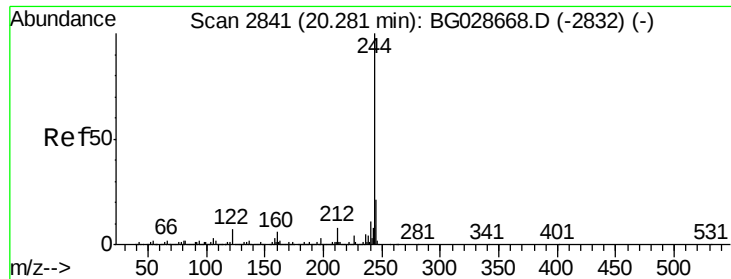
Tot Ion:188 Resp: 265266
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028793.D
Acq: 18 Sep 2017 13:43

Tgt Ion:240 Resp: 303757
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 24.5 22.2 33.4





#78

Terphenyl-d14

Concen: 77.52 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

Instrument :

BNA_G

ClientSampled :

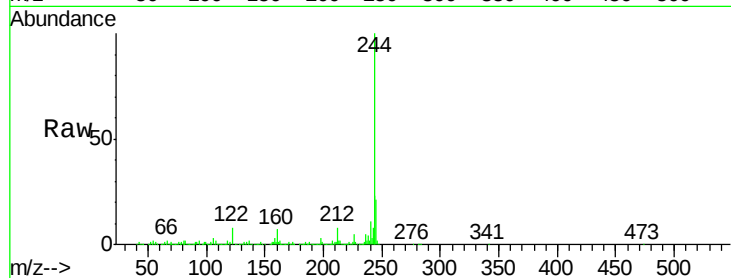
Tot Ion:244 Resp: 1104209

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

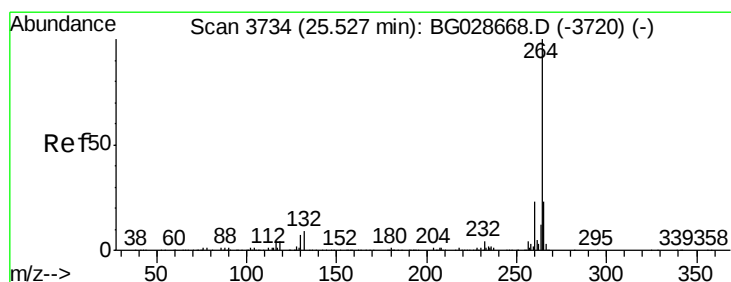
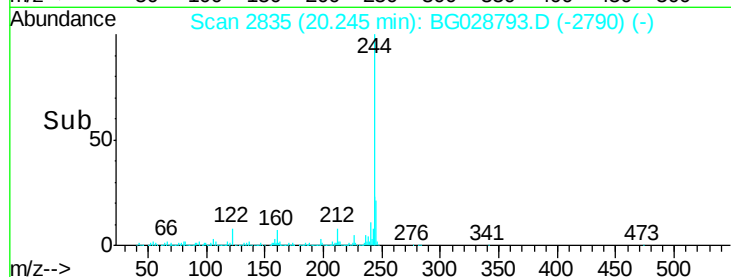
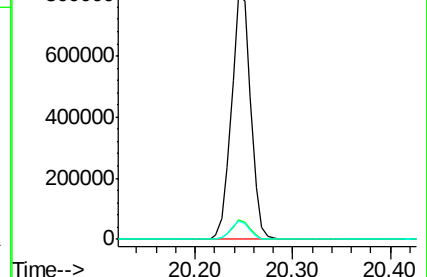
122 7.5 8.6 12.8#



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: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028793.D

Acq: 18 Sep 2017 13:43

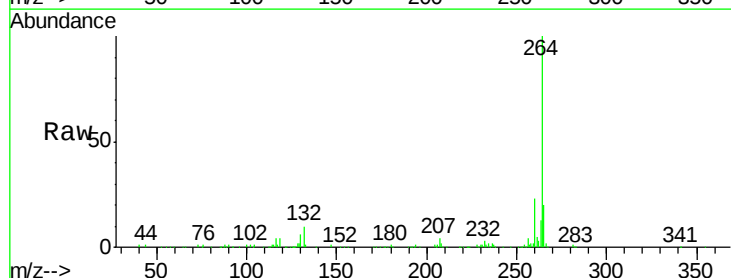
Tgt Ion:264 Resp: 305620

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 20.3 18.2 27.4



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

