

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030635.D
 Acq On : 1 Nov 2017 14:55
 Operator : SJ/JU
 Sample : I6194-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 17:37:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

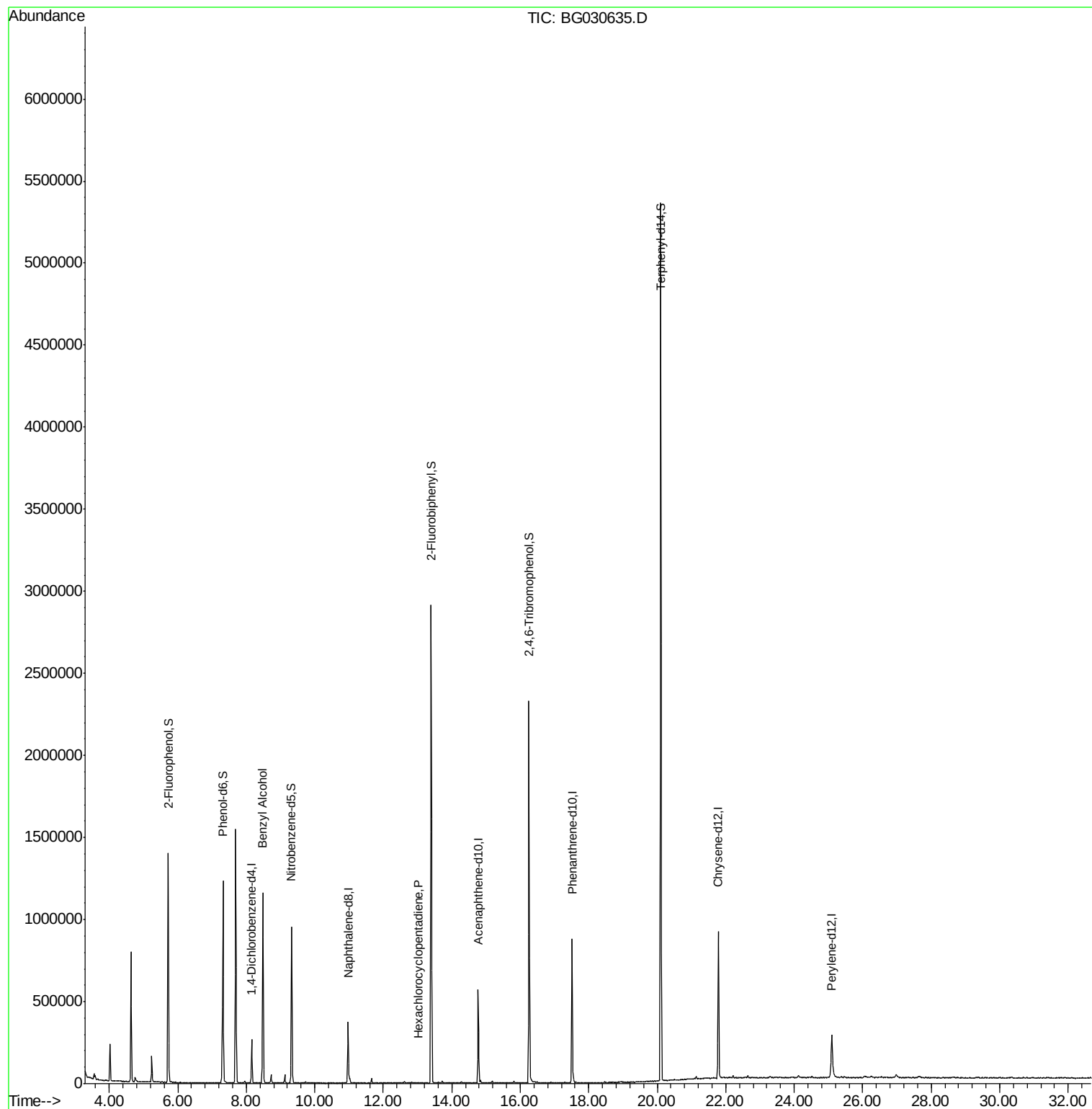
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	74500	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	338127	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	195607	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	533655	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	546505	20.00	ng	-0.02
86) Perylene-d12	25.10	264	233824	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	660239	148.05	ng	0.00
7) Phenol-d6	7.32	99	733915	117.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	587771	110.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	493835	195.54	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1567422	117.52	ng	-0.02
78) Terphenyl-d14	20.10	244	2392830	99.61	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.48	79	9596	2.175	ng	# 48
40) Hexachlorocyclopentadiene	13.04	237	69	4.684	ng	# 22

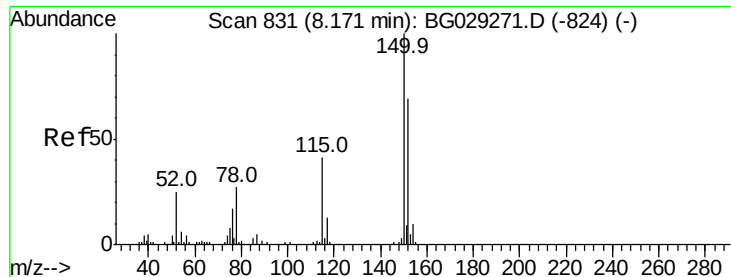
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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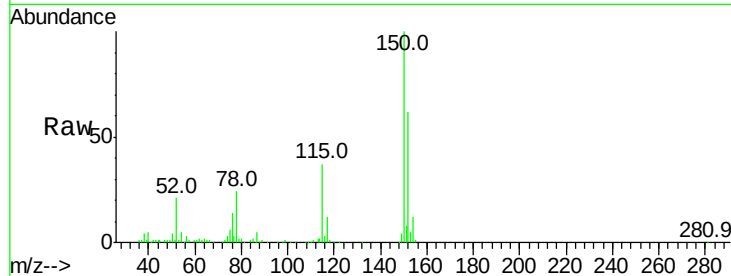


#1

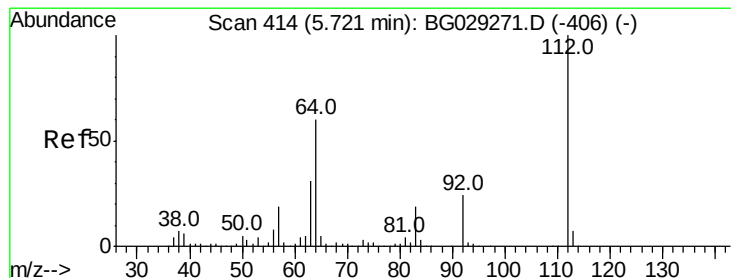
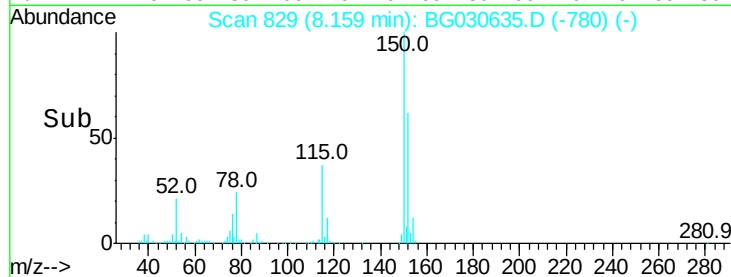
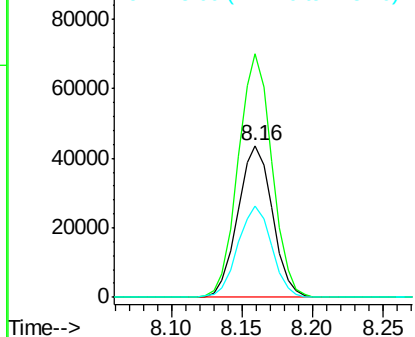
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 74500
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 60.1 53.0 79.4



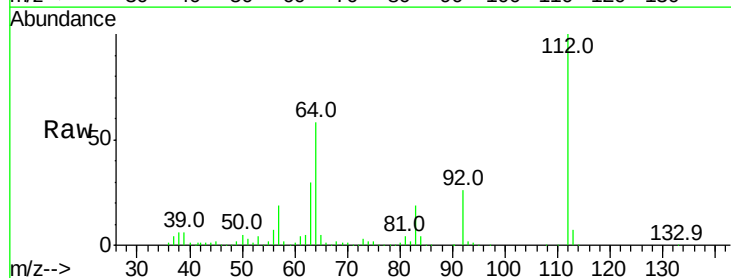
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



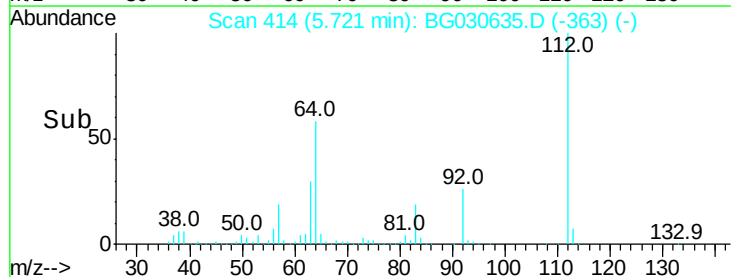
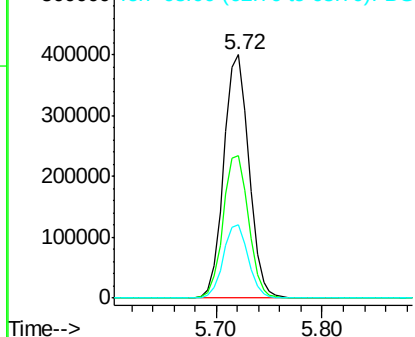
#5

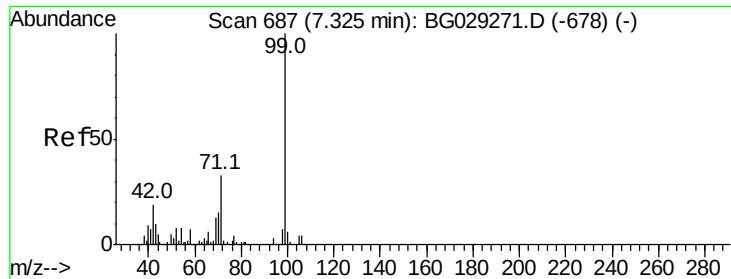
2-Fluorophenol
Concen: 148.049 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:112 Resp: 660239
Ion Ratio Lower Upper
112 100
64 58.3 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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.244 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

Instrument :

BNA_G

ClientSampled :

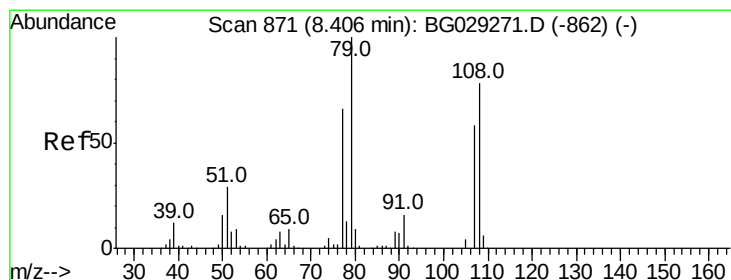
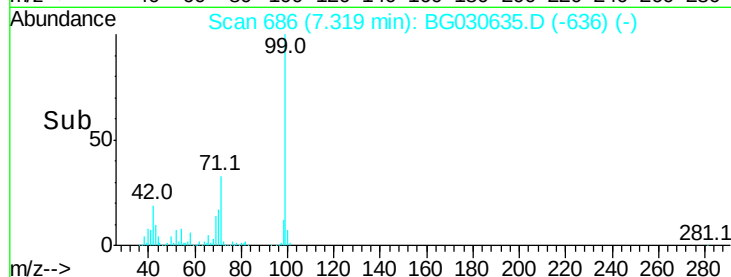
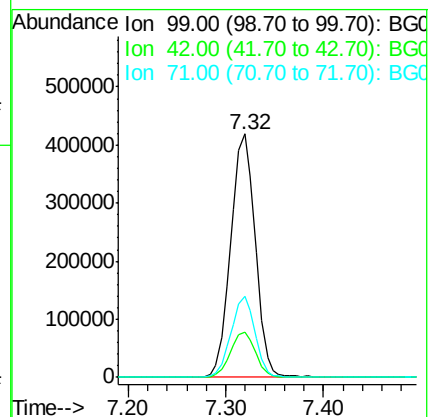
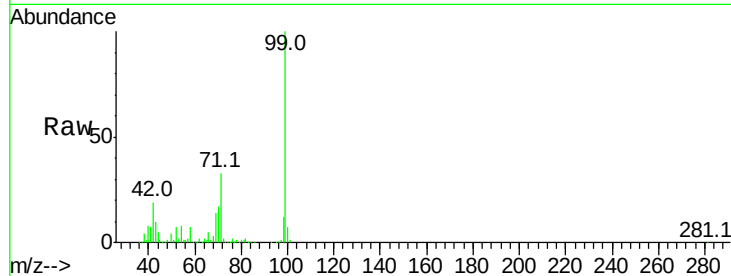
Tot Ion: 99 Resp: 733915

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 33.3 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.175 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

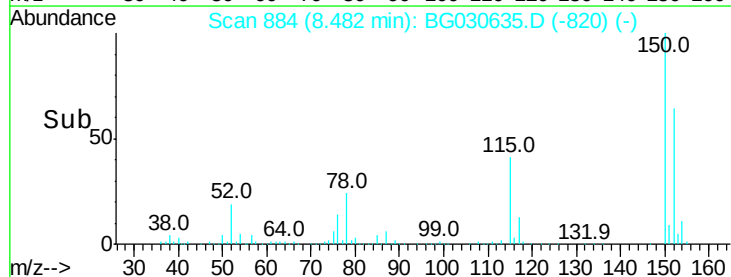
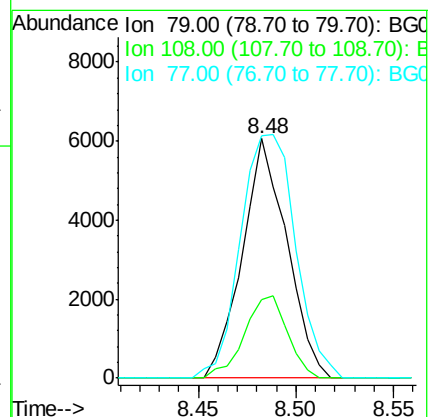
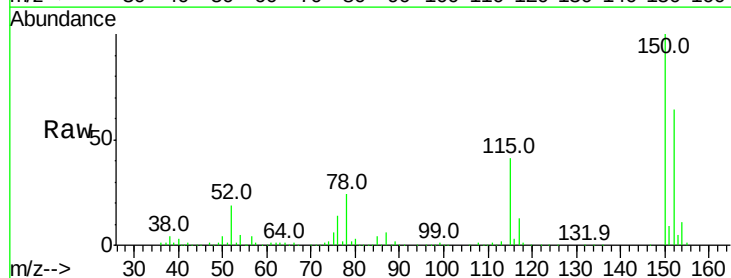
Tgt Ion: 79 Resp: 9596

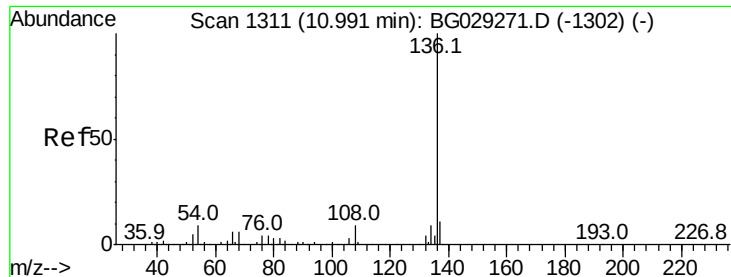
Ion Ratio Lower Upper

79 100

108 32.7 57.2 85.8#

77 101.1 46.1 69.1#

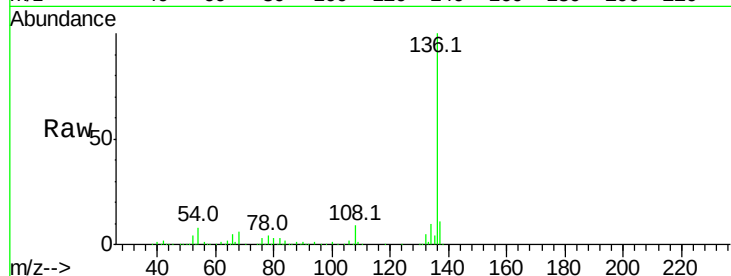




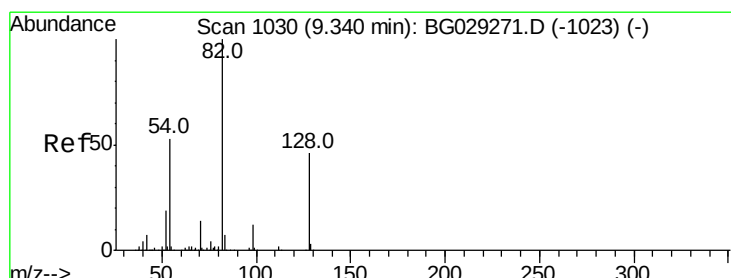
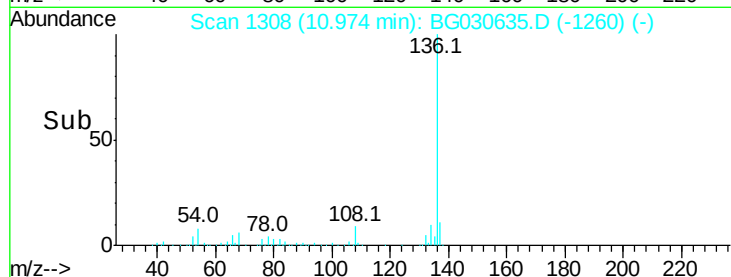
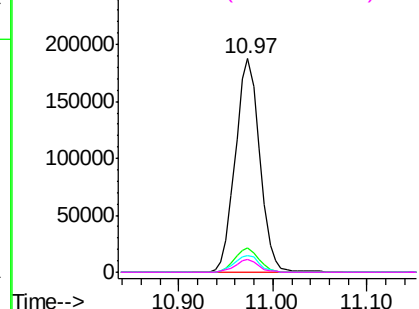
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	338127
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	10.3	15.5#
68	6.1	4.5	6.7

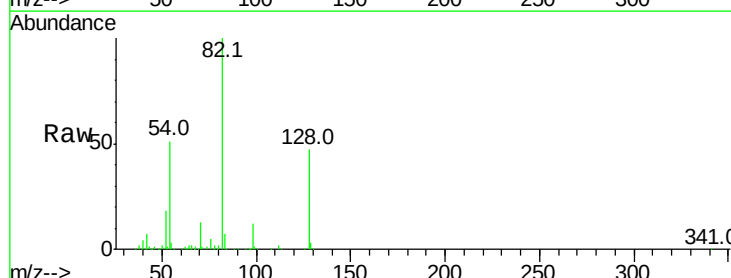


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

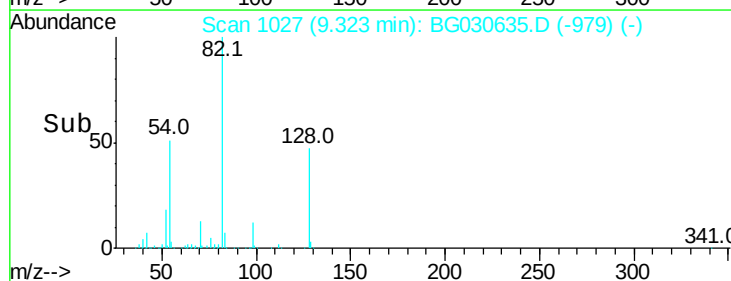
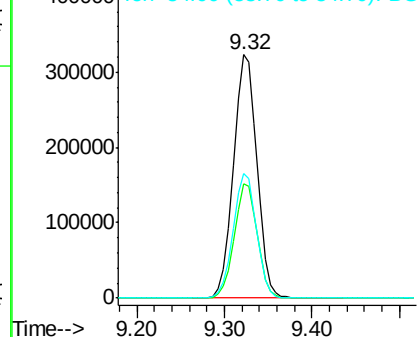


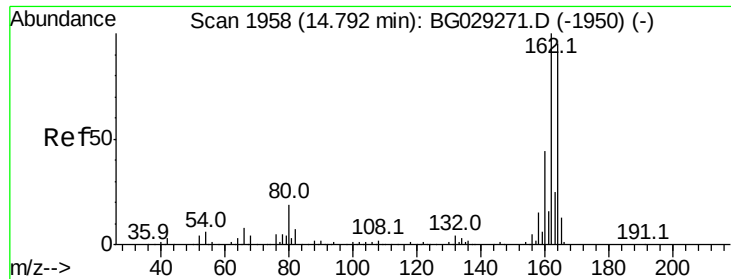
#23
Nitrobenzene-d5
Concen: 110.465 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:	82	Resp:	587771
Ion	Ratio	Lower	Upper
82	100		
128	46.8	29.7	44.5#
54	51.3	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

Instrument :

BNA_G

ClientSampleId :

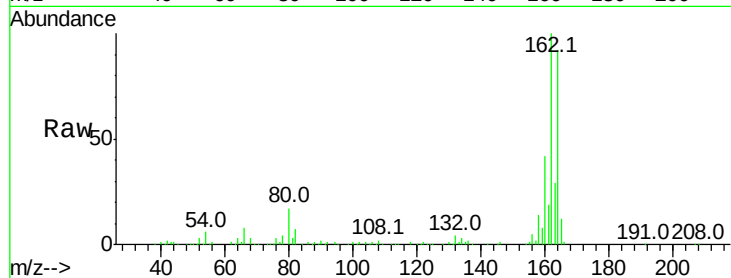
Tot Ion:164 Resp: 195607

Ion Ratio Lower Upper

164 100

162 108.2 78.8 118.2

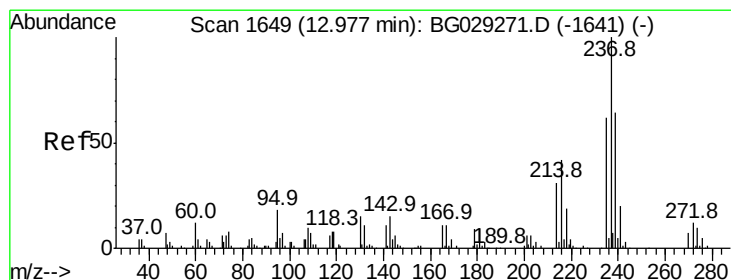
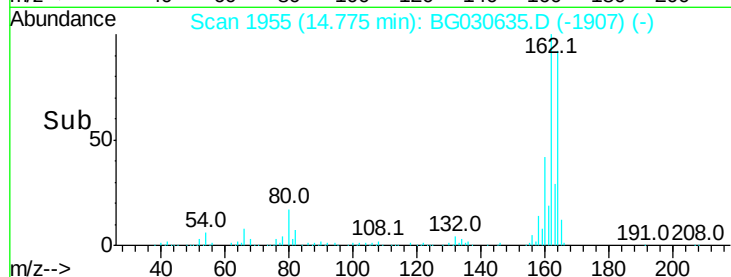
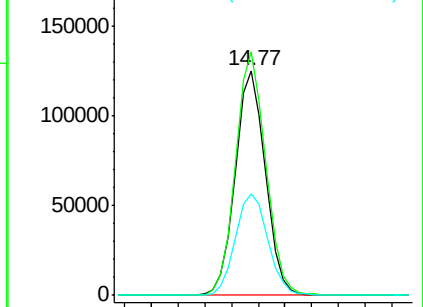
160 45.3 35.4 53.0



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



#40

Hexachlorocyclopentadiene

Concen: 4.684 ng

RT: 13.04 min Scan# 1659

Delta R.T. 0.06 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

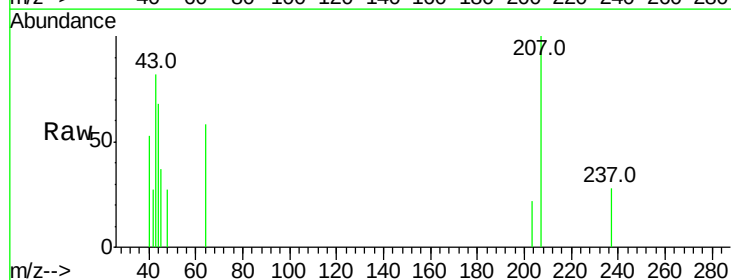
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

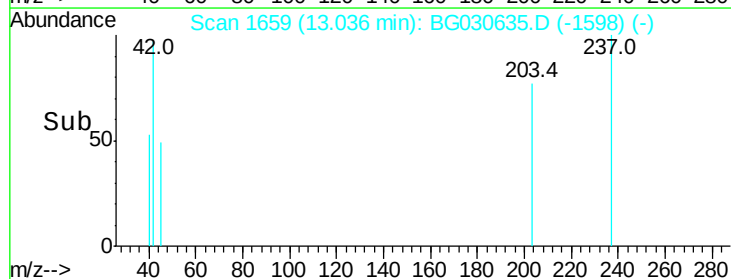
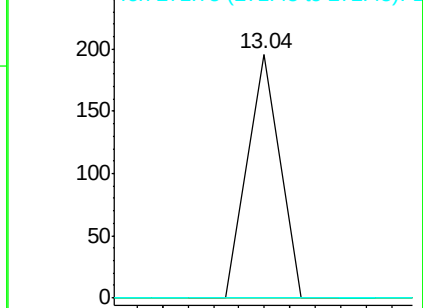
272 0.0 0.0 31.8

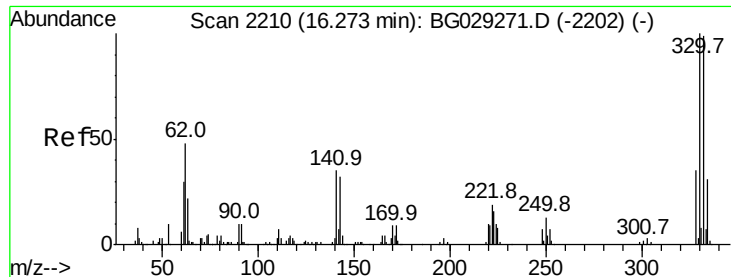


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

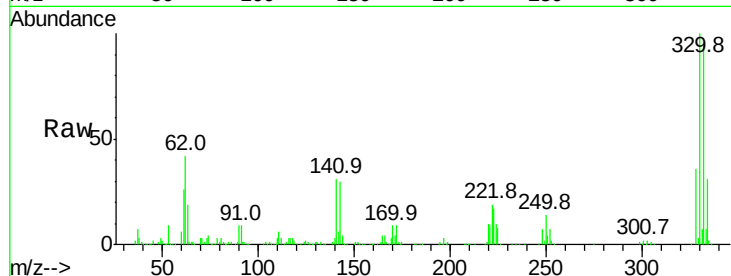




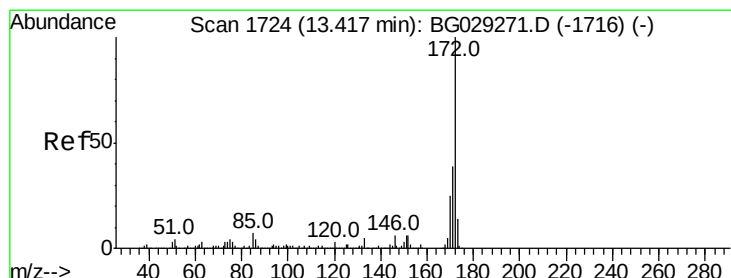
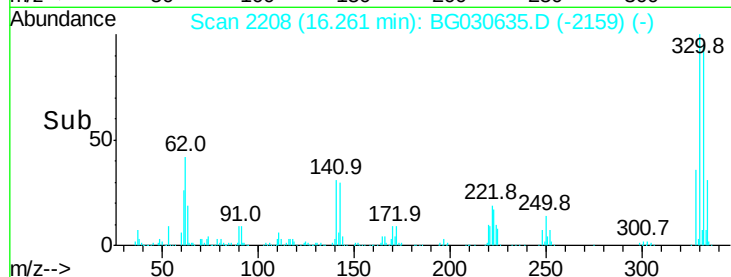
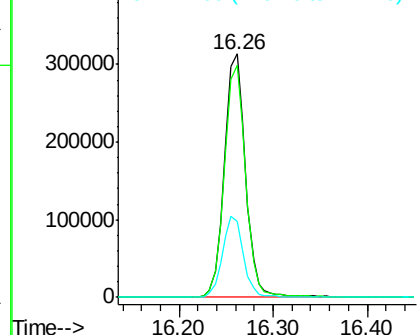
#41
 2,4,6-Tribromophenol
 Concen: 195.541 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030635.D
 Acq: 1 Nov 2017 14:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	25.2	37.8

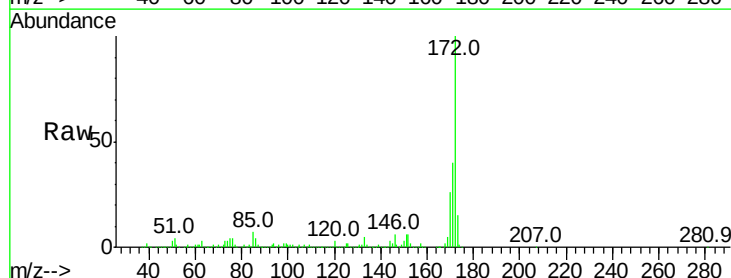


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

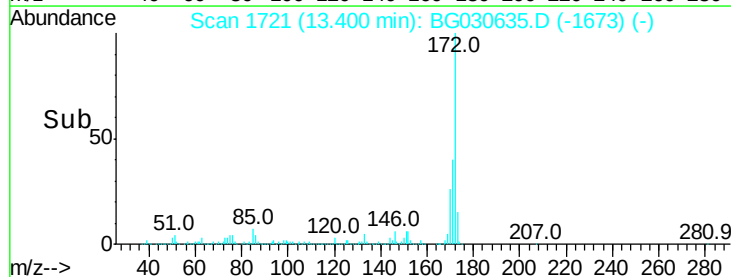
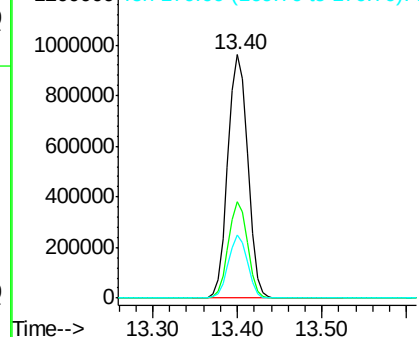


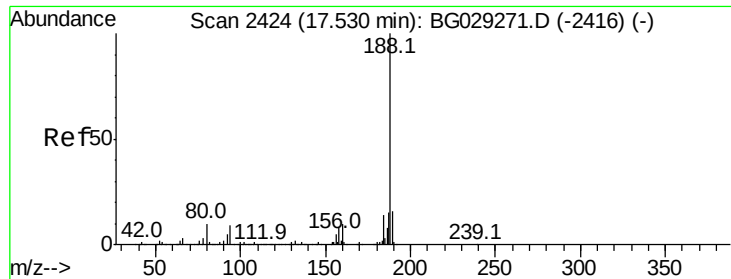
#44
 2-Fluorobiphenyl
 Concen: 117.525 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030635.D
 Acq: 1 Nov 2017 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.9	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: 20.000 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

Instrument :

BNA_G

ClientSampleId :

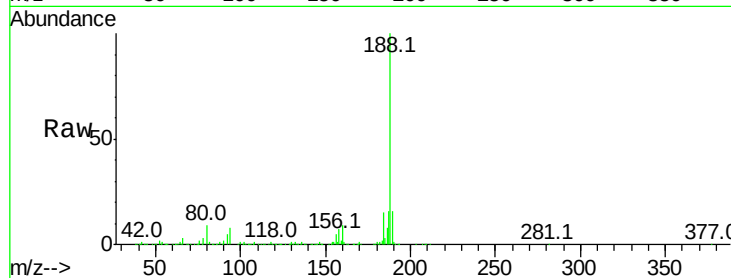
Tot Ion:188 Resp: 533655

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

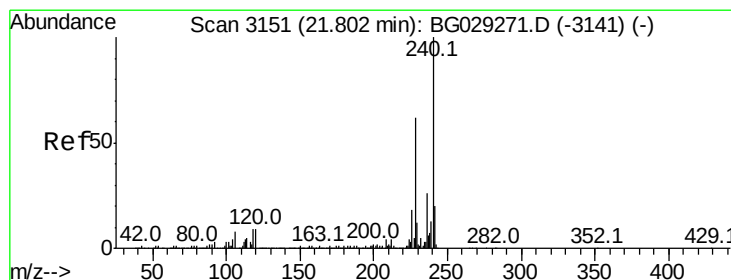
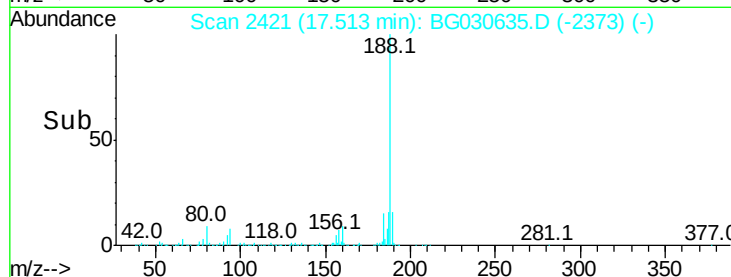
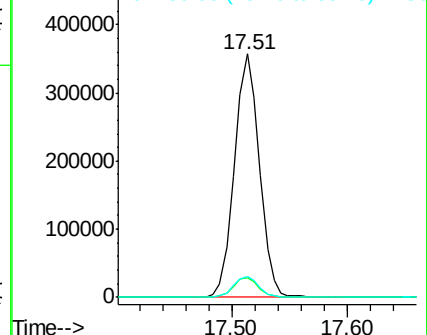
80 8.8 7.7 11.5



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: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

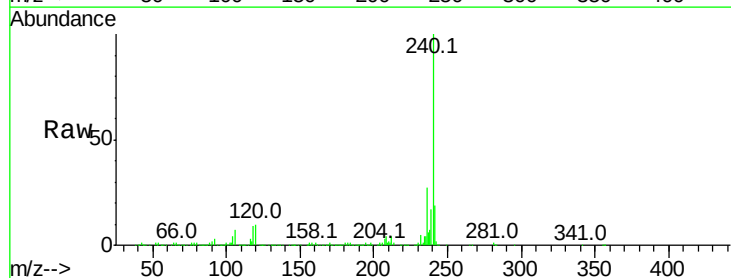
Tgt Ion:240 Resp: 546505

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

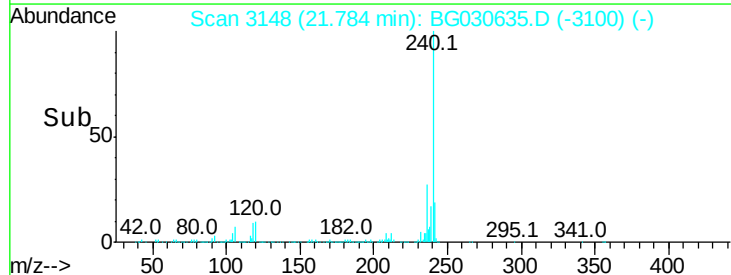
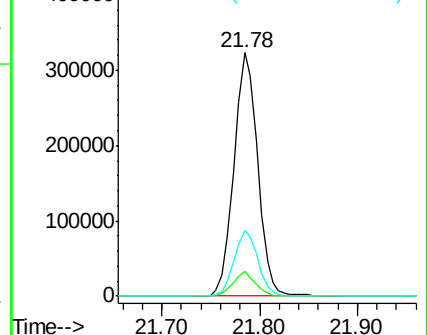
236 27.2 20.9 31.3

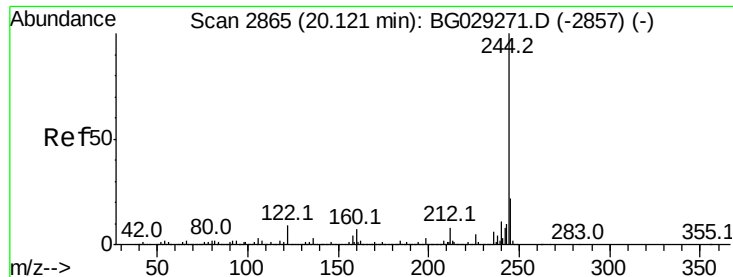


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.606 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

Instrument :

BNA_G

ClientSampleId :

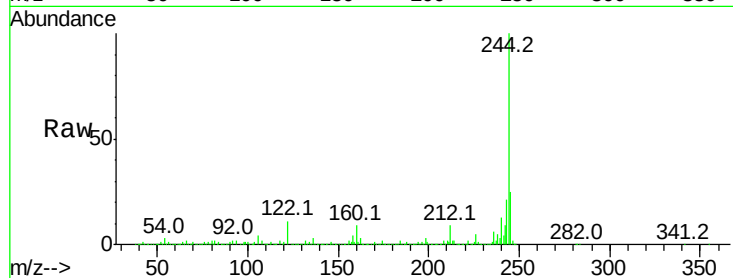
Tot Ion:244 Resp: 2392830

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

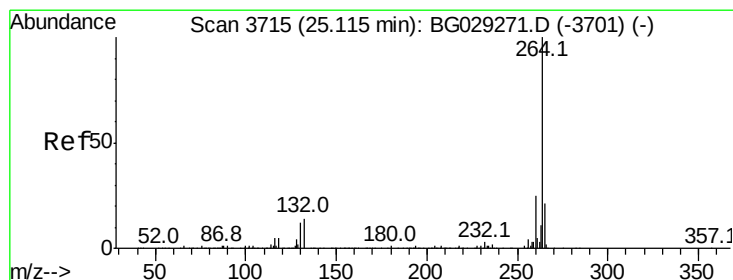
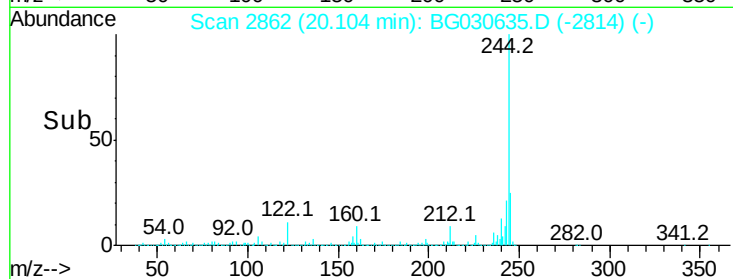
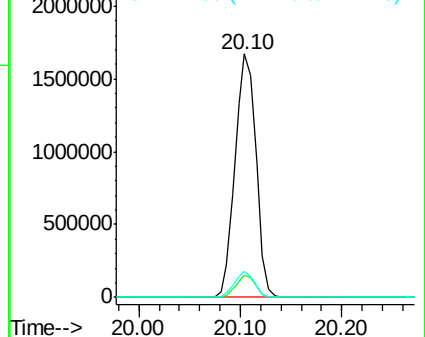
122 10.9 7.0 10.4#



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: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030635.D

Acq: 1 Nov 2017 14:55

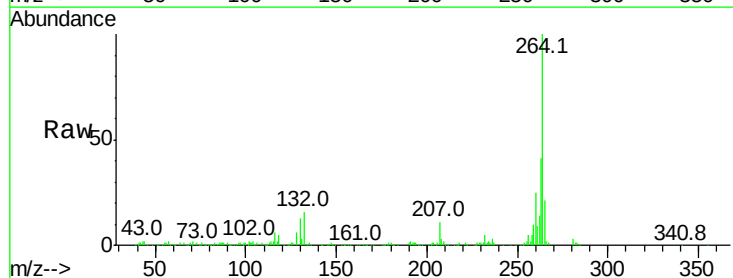
Tgt Ion:264 Resp: 233824

Ion Ratio Lower Upper

264 100

260 25.4 17.4 26.0

265 21.0 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

