

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030648.D
 Acq On : 1 Nov 2017 23:54
 Operator : SJ/JU
 Sample : I6204-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:01:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

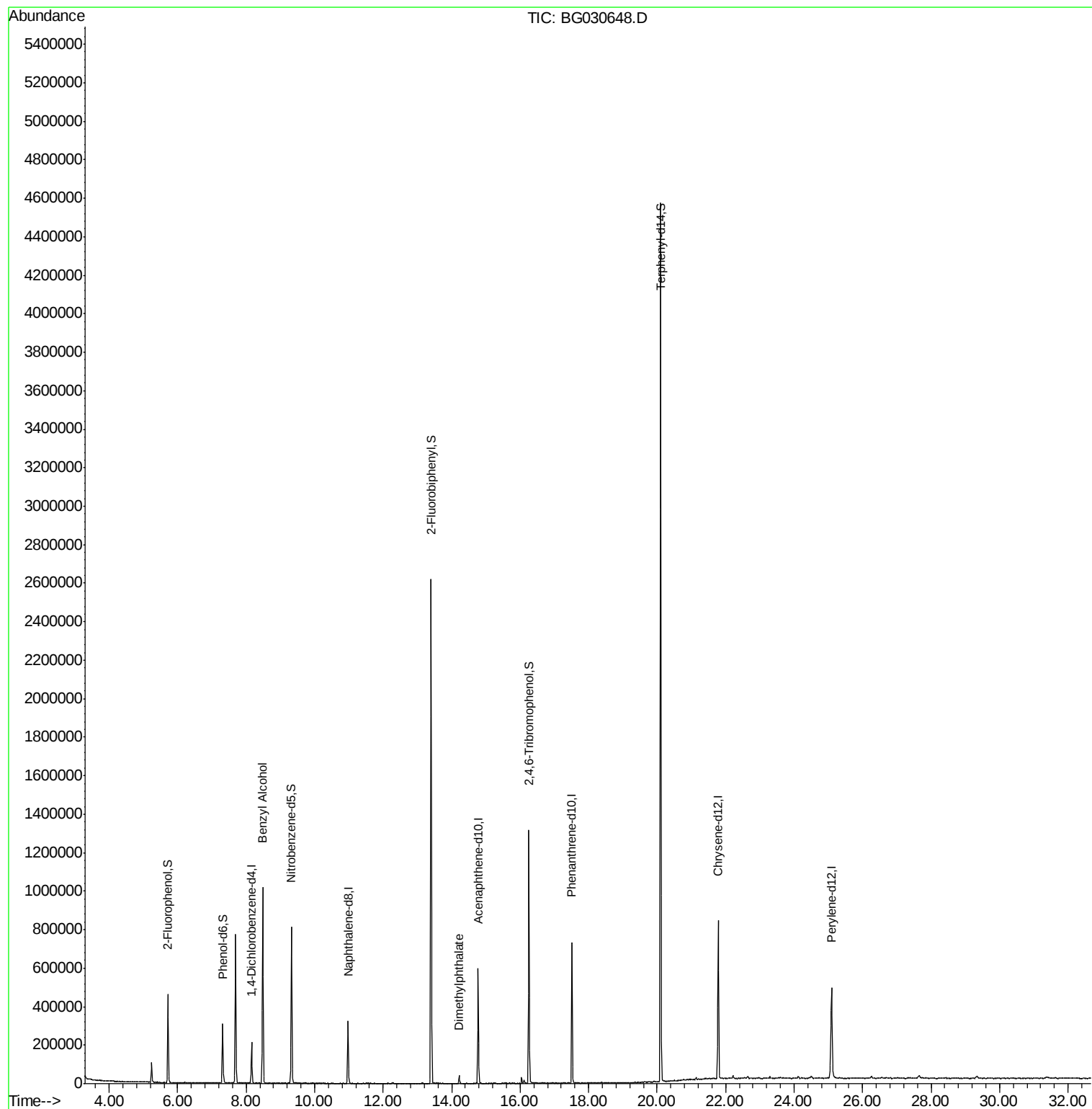
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64733	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	301476	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	207682	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	471862	20.00	ng	0.00
75) Chrysene-d12	21.78	240	511509	20.00	ng	0.00
86) Perylene-d12	25.09	264	511873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	224401	57.91	ng	0.00
7) Phenol-d6	7.31	99	201124	36.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	510336	107.57	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	272975	101.80	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1414791	99.91	ng	0.00
78) Terphenyl-d14	20.11	244	2197280	97.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	8403	2.192	ng	Qvalue # 45
49) Dimethylphthalate	14.21	163	34876	2.152	ng	99

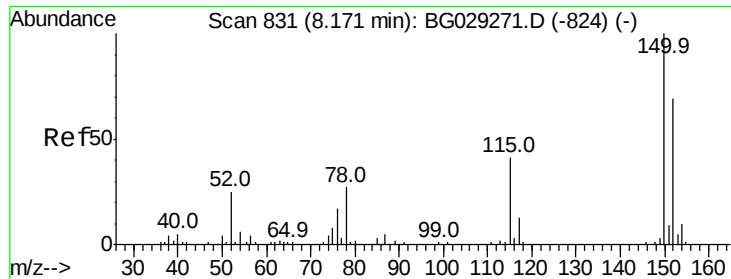
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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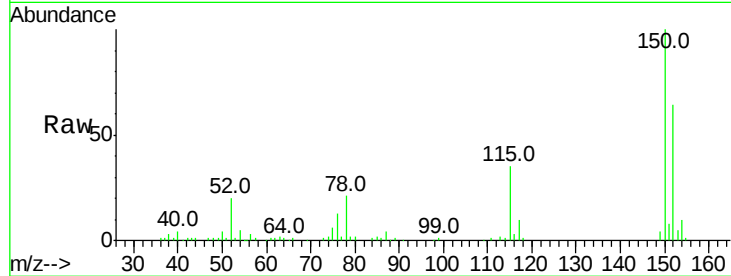


#1

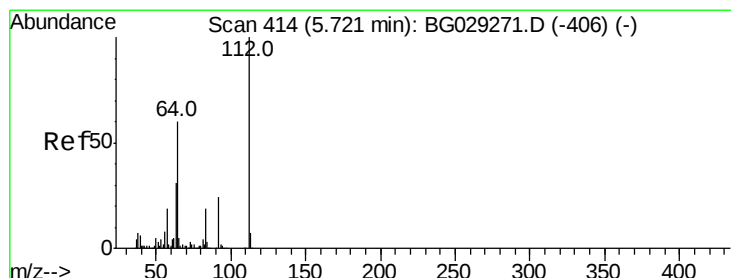
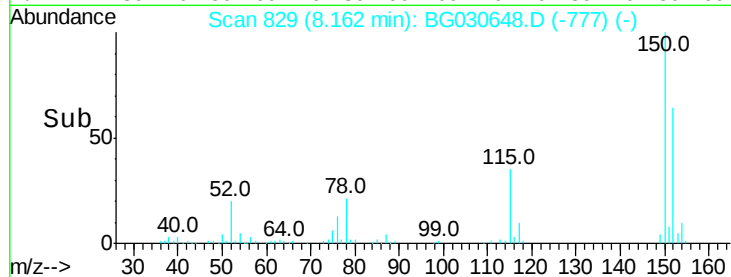
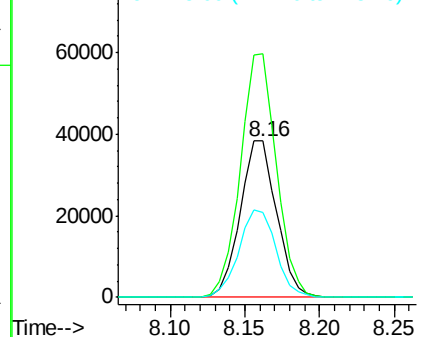
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64733
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 54.6 53.0 79.4



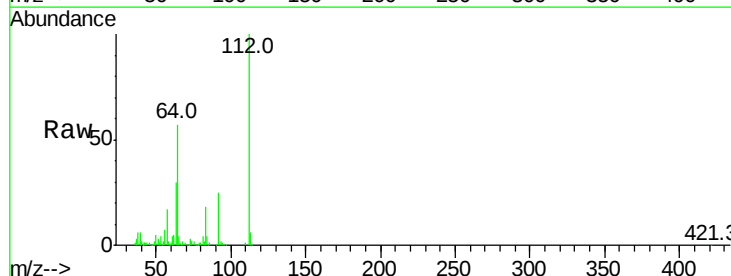
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



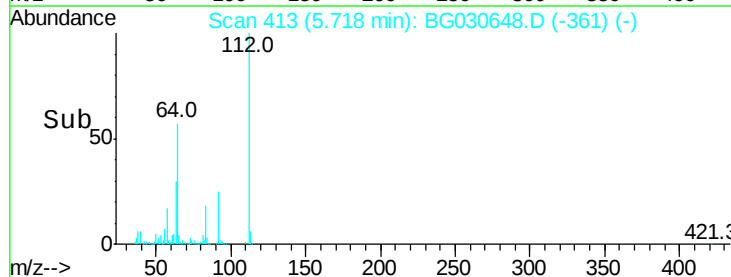
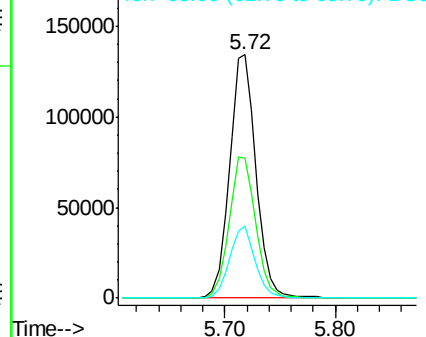
#5

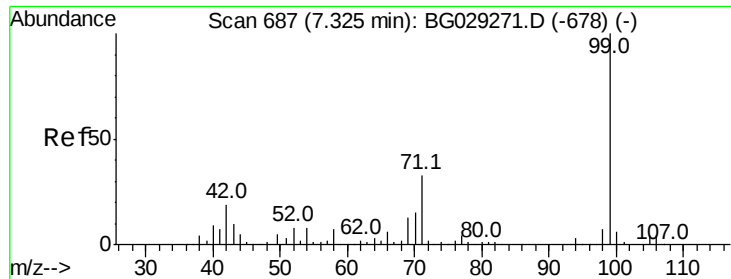
2-Fluorophenol
Concen: 57.911 ng
RT: 5.72 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

Tgt Ion:112 Resp: 224401
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 29.6 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: 36.977 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

Instrument :

BNA_G

ClientSampleId :

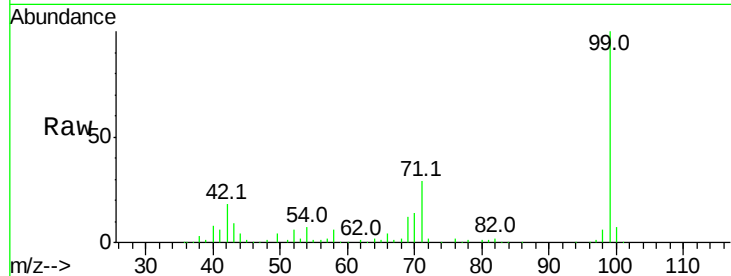
Tot Ion: 99 Resp: 201124

Ion Ratio Lower Upper

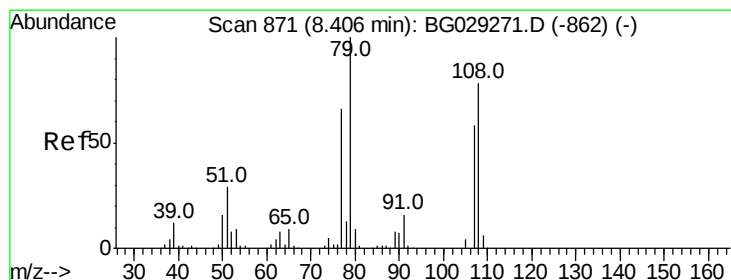
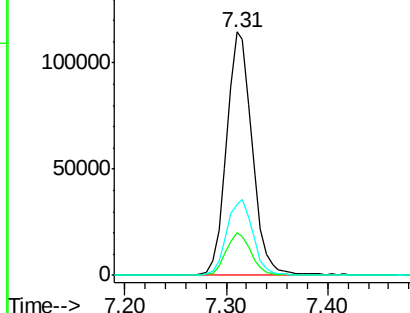
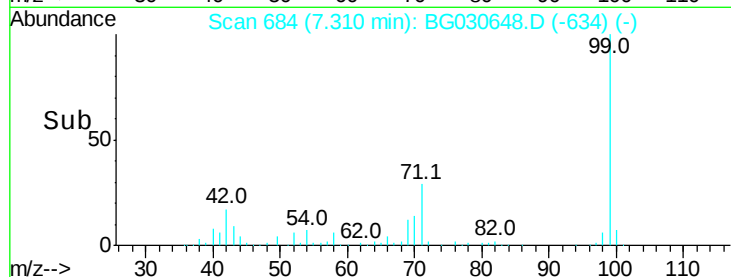
99 100

42 17.6 14.1 21.1

71 29.2 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



#15

Benzyl Alcohol

Concen: 2.192 ng

RT: 8.49 min Scan# 884

Delta R.T. 0.09 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

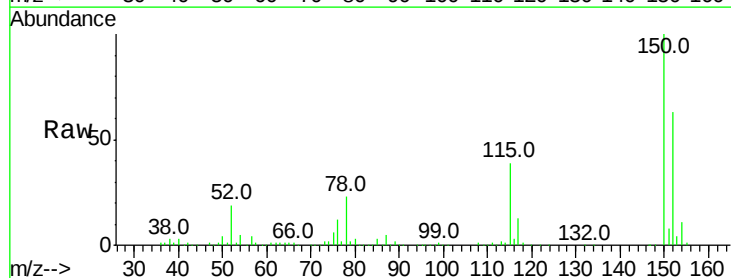
Tgt Ion: 79 Resp: 8403

Ion Ratio Lower Upper

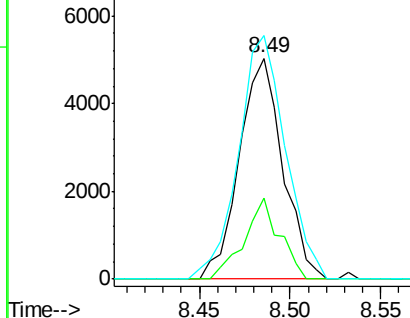
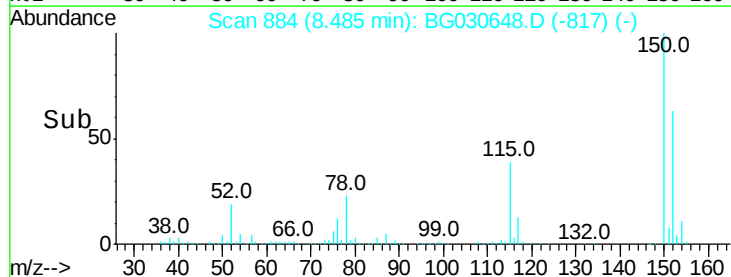
79 100

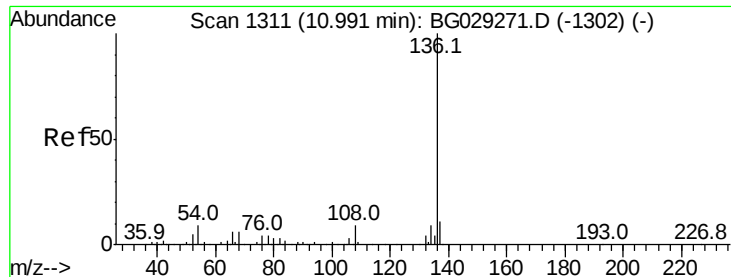
108 36.6 57.2 85.8#

77 110.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

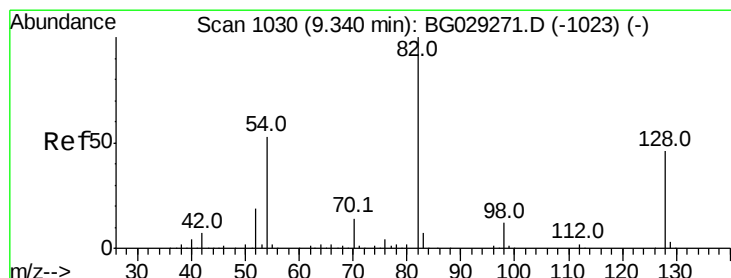
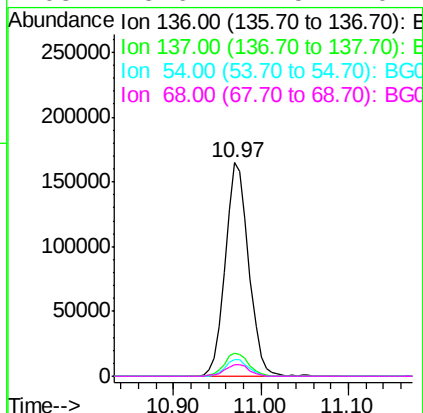
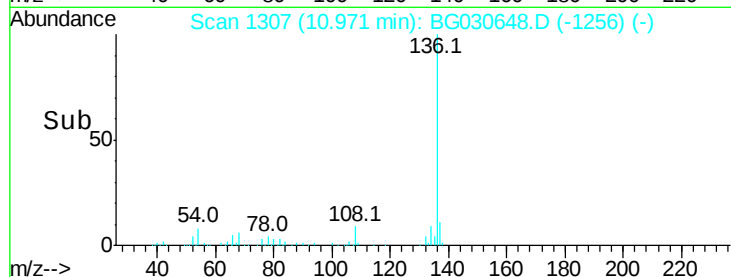
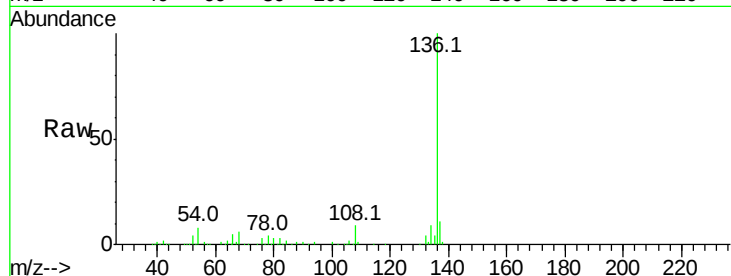




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

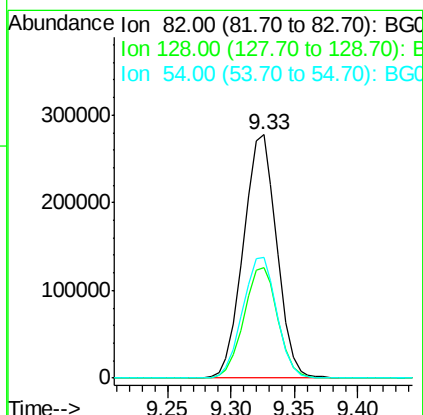
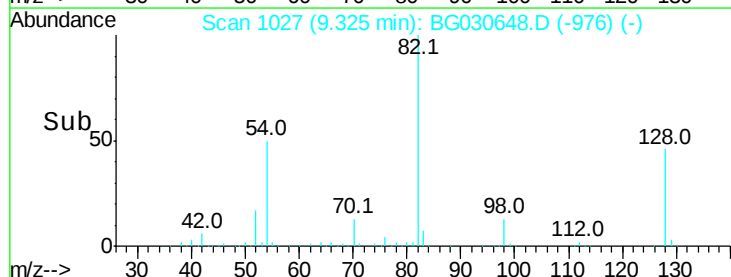
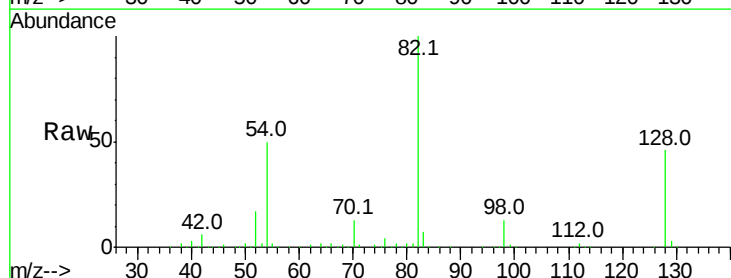
Instrument :
BNA_G
ClientSampleId :

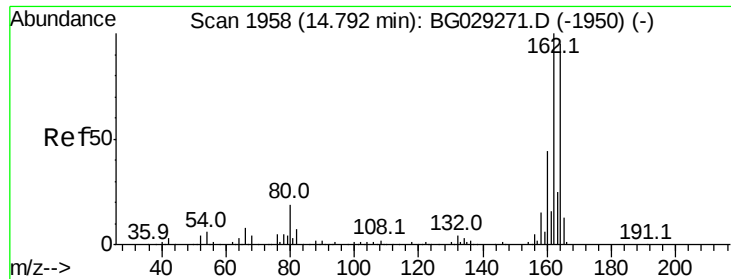
Tot Ion:136	Resp:	301476
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.8	10.3 15.5#
68	5.6	4.5 6.7



#23
Nitrobenzene-d5
Concen: 107.572 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

Tgt Ion: 82	Resp:	510336
Ion Ratio	Lower	Upper
82	100	
128	45.6	29.7 44.5#
54	49.8	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

Instrument :

BNA_G

ClientSampleId :

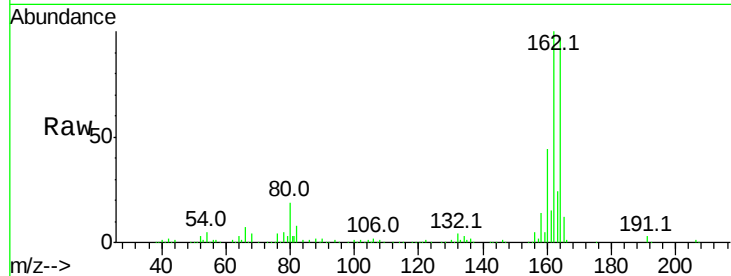
Tot Ion:164 Resp: 207682

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

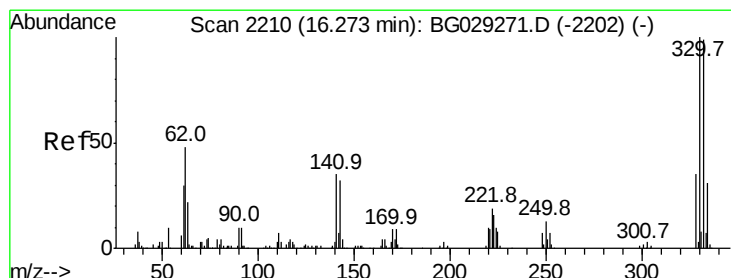
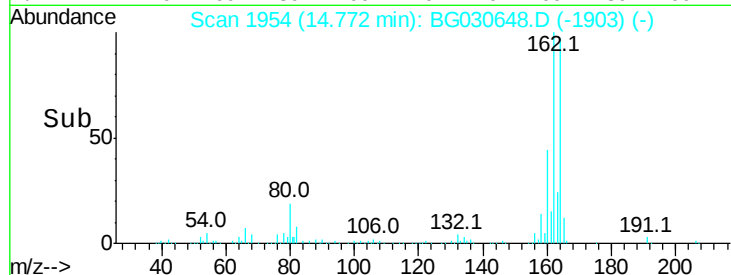
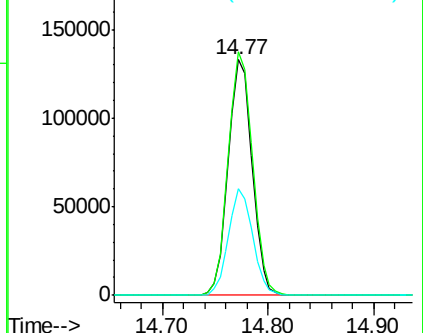
160 45.4 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 101.804 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

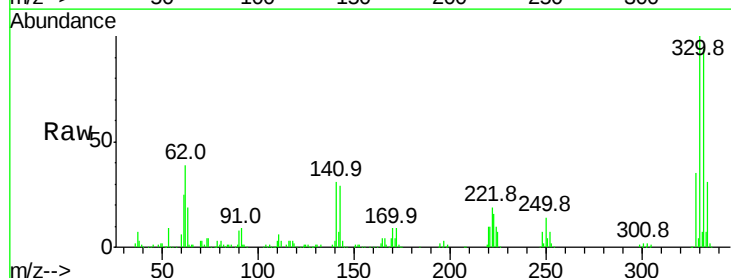
Tgt Ion:330 Resp: 272975

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

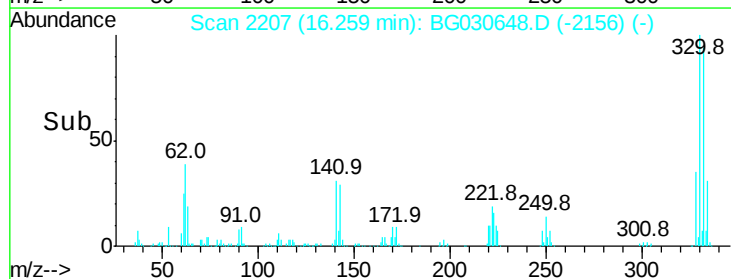
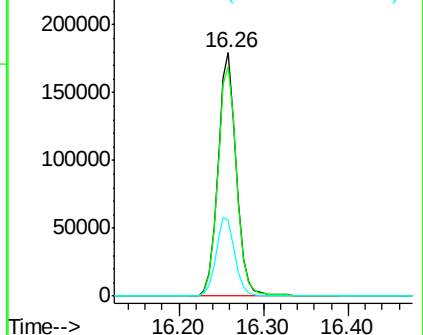
141 33.4 25.2 37.8

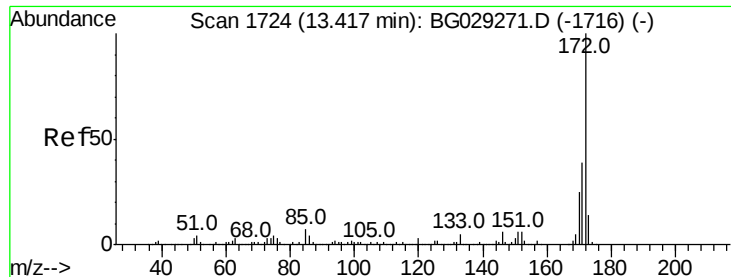


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

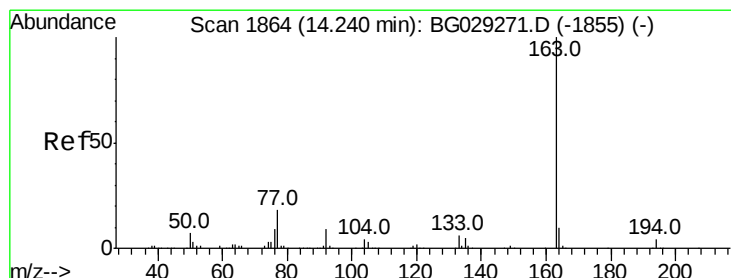
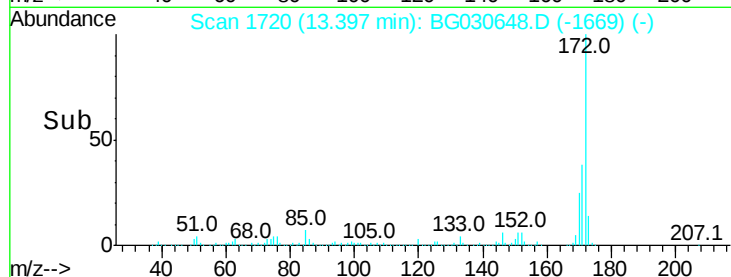
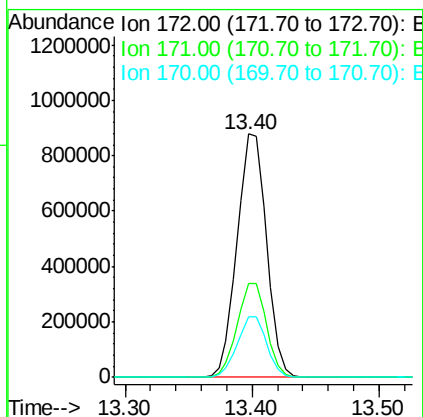
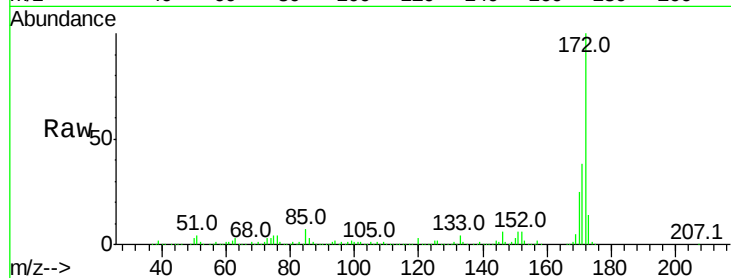




#44
2-Fluorobiphenyl
Concen: 99.913 ng
RT: 13.40 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

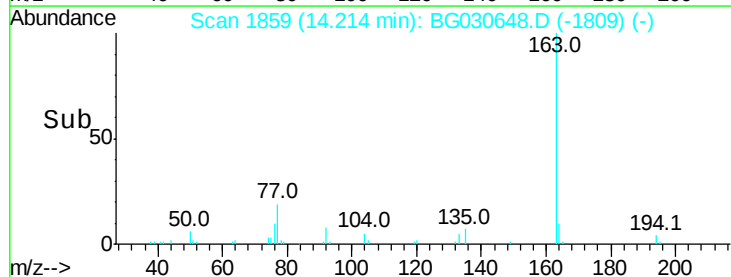
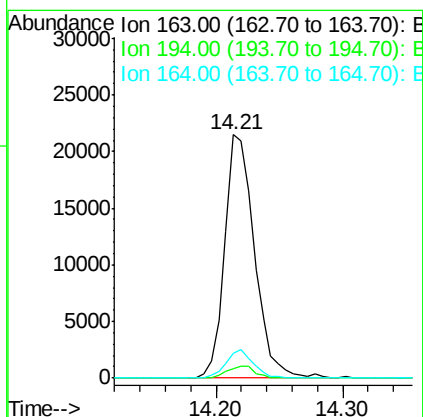
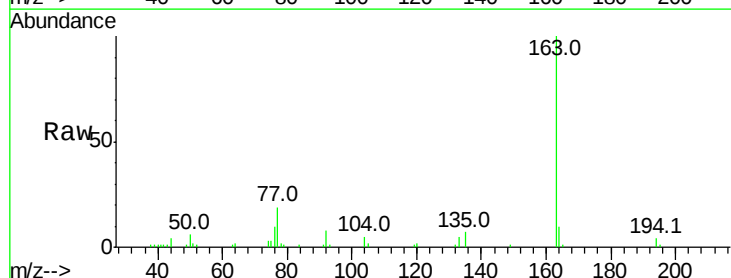
Instrument :
BNA_G
ClientSampled :

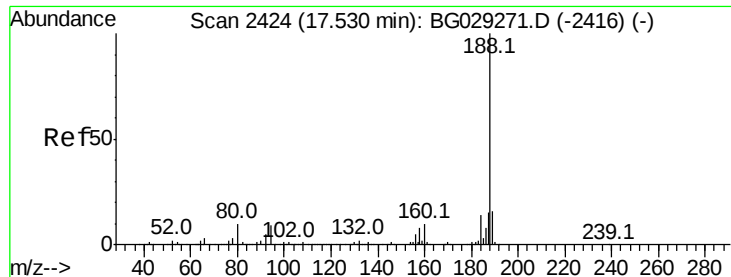
Tot Ion:172 Resp: 1414791
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 24.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.152 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030648.D
Acq: 1 Nov 2017 23:54

Tgt Ion:163 Resp: 34876
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.0 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

Instrument :

BNA_G

ClientSampleId :

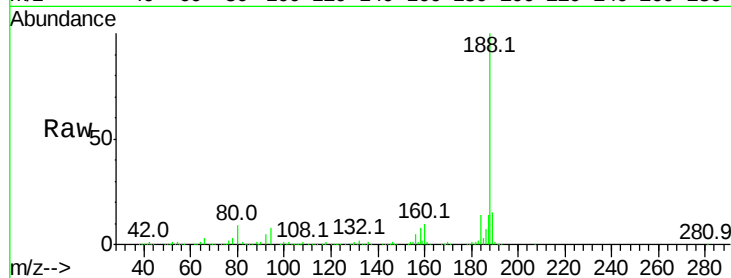
Tot Ion:188 Resp: 471862

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

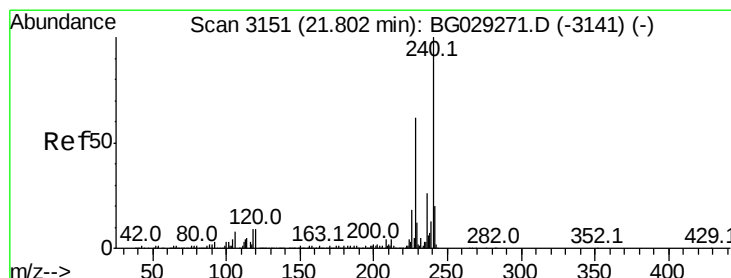
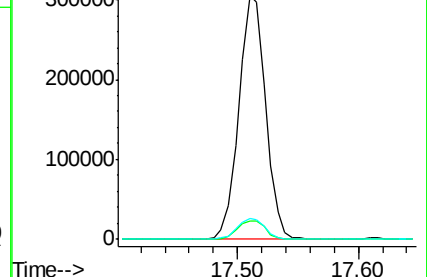
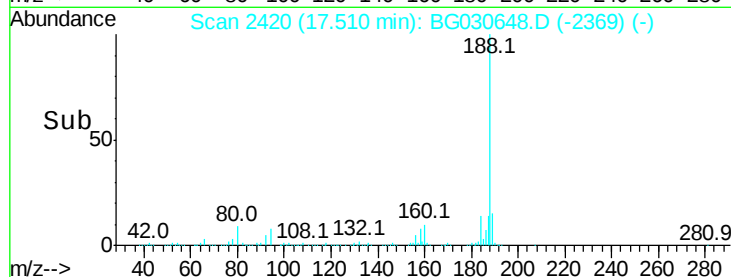
80 8.8 7.7 11.5



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# 3147

Delta R.T. -0.01 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

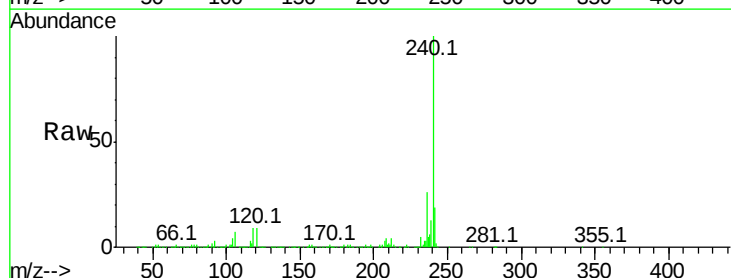
Tgt Ion:240 Resp: 511509

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

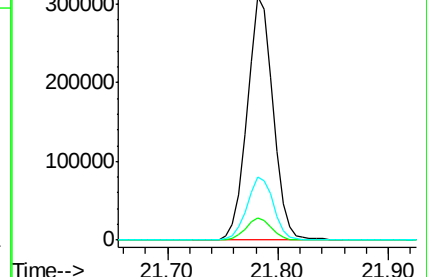
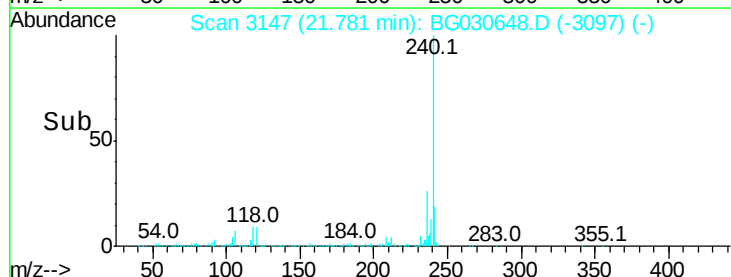
236 26.0 20.9 31.3

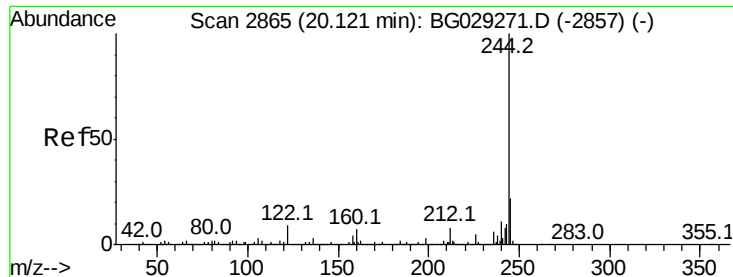


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.724 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

Instrument :

BNA_G

ClientSampled :

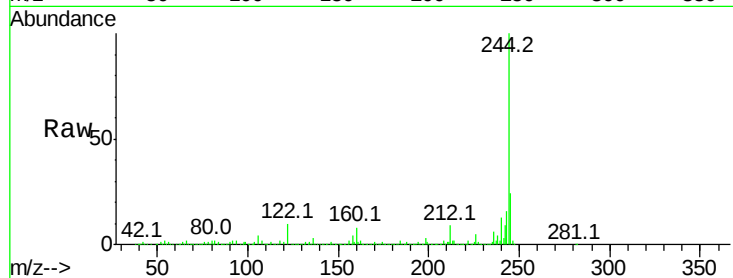
Tot Ion:244 Resp: 2197280

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

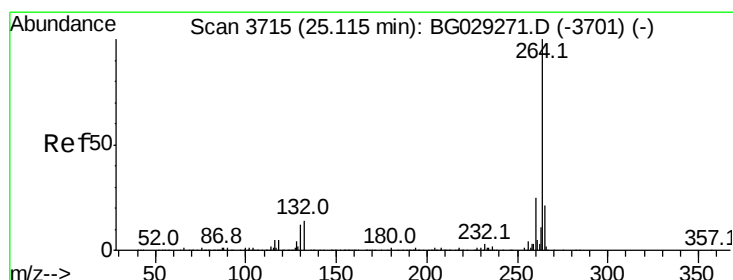
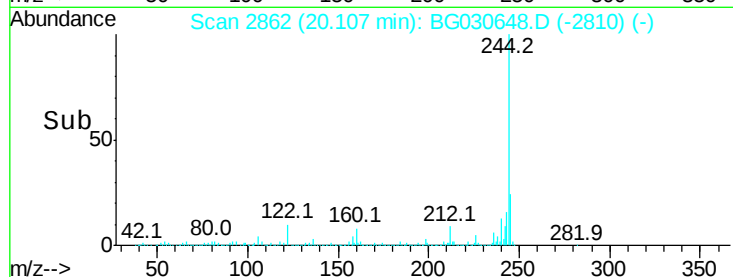
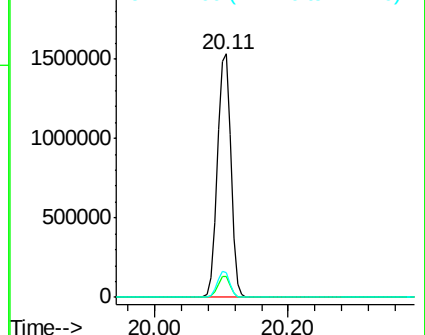
122 10.2 7.0 10.4



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: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG030648.D

Acq: 1 Nov 2017 23:54

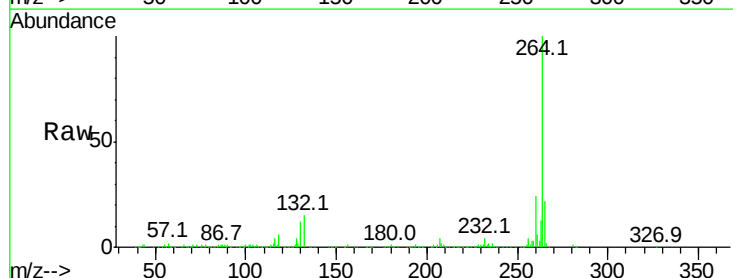
Tgt Ion:264 Resp: 511873

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.3 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

