

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026008.D
 Acq On : 28 Feb 2017 22:18
 Operator : SJ/MA
 Sample : I2006-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073052

Quant Time: Mar 01 00:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

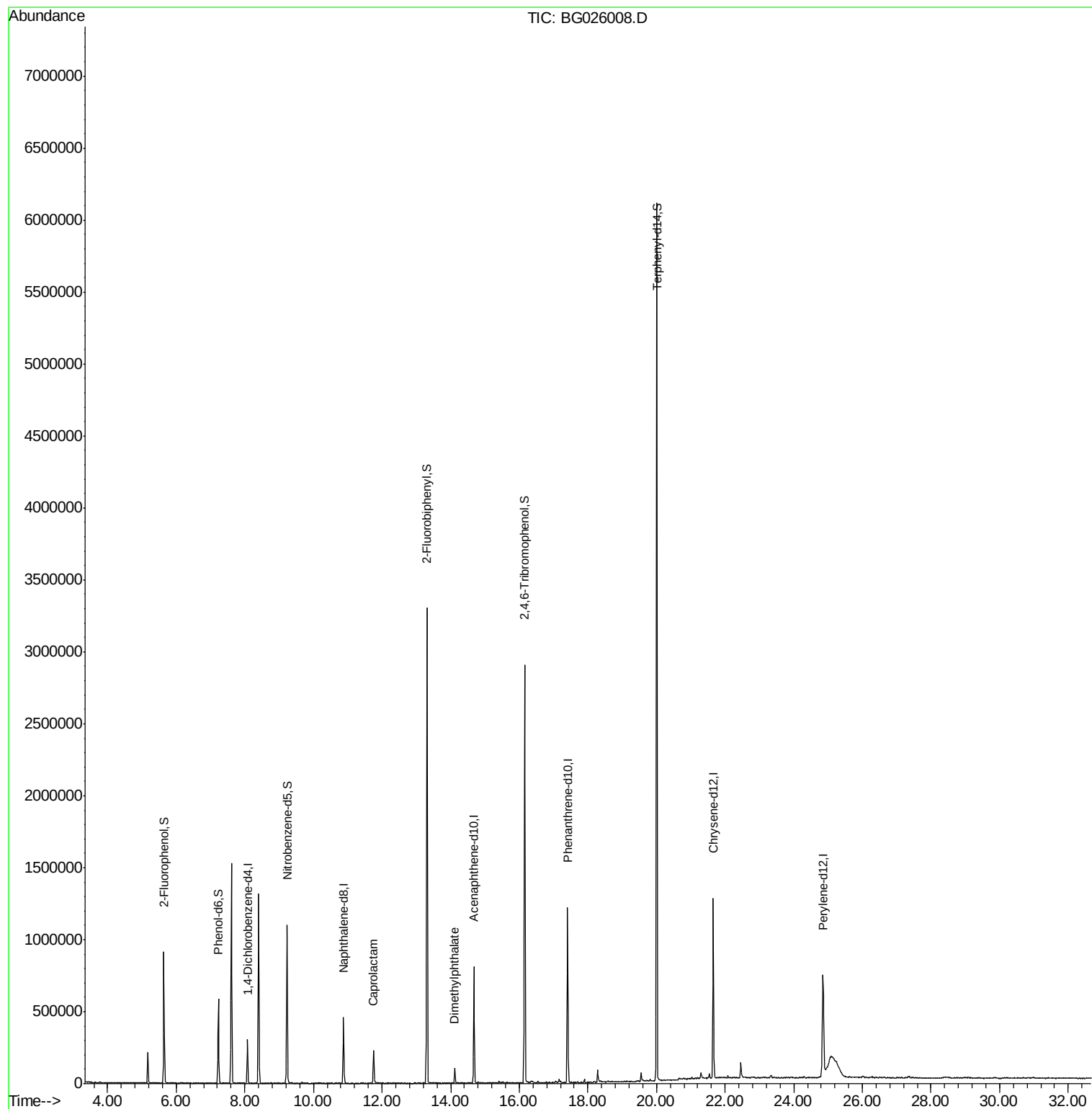
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	86012	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	412617	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	274146	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	743924	20.00	ng	0.00
75) Chrysene-d12	21.65	240	757878	20.00	ng	-0.03
86) Perylene-d12	24.85	264	713637	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	423577	85.74	ng	0.00
7) Phenol-d6	7.23	99	380518	52.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	672121	102.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	538030	212.42	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1724536	109.92	ng	-0.01
78) Terphenyl-d14	20.01	244	2571231	82.51	ng	-0.01
Target Compounds						
35) Caprolactam	11.76	113	48628	20.45	ng	Qvalue # 79
49) Dimethylphthalate	14.13	163	71828	3.82	ng	97

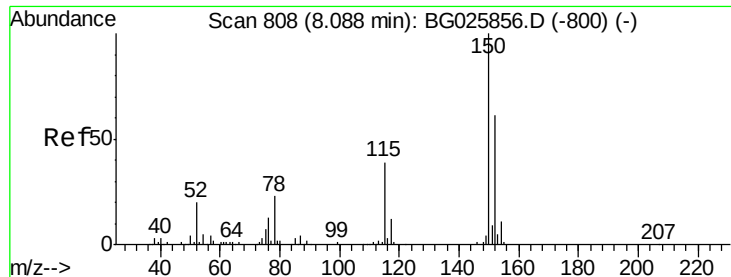
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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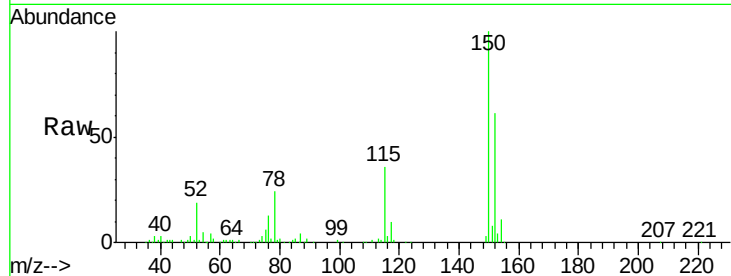


#1

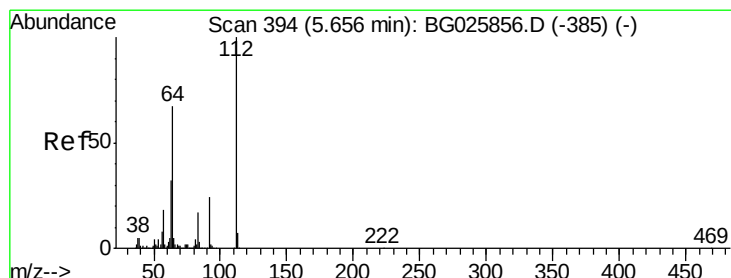
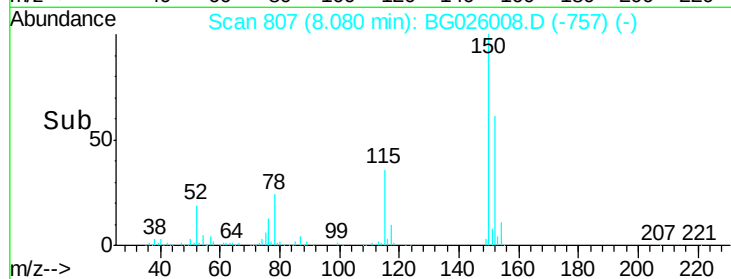
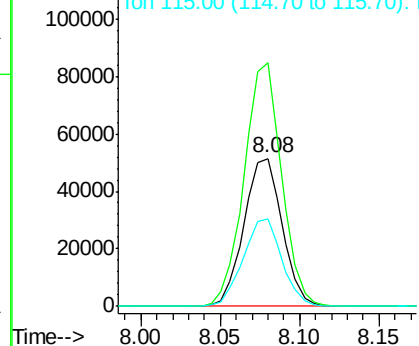
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:152 Resp: 86012
Ion Ratio Lower Upper
152 100
150 164.5 114.0 171.0
115 58.9 48.1 72.1



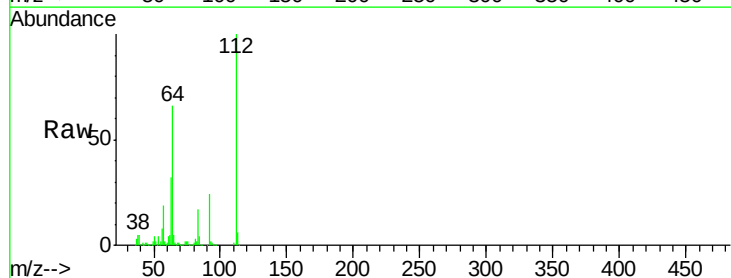
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



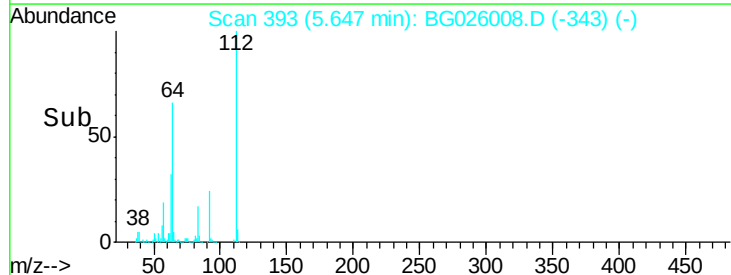
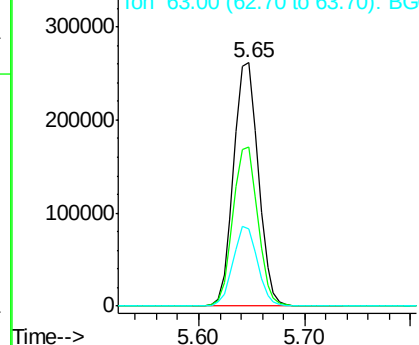
#5

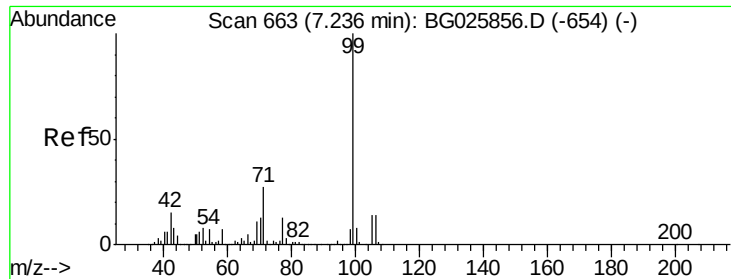
2-Fluorophenol
Concen: 85.74 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:112 Resp: 423577
Ion Ratio Lower Upper
112 100
64 65.5 61.8 92.6
63 31.8 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: 52.05 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

Instrument :

BNA_G

ClientSampleId :

CPS073052

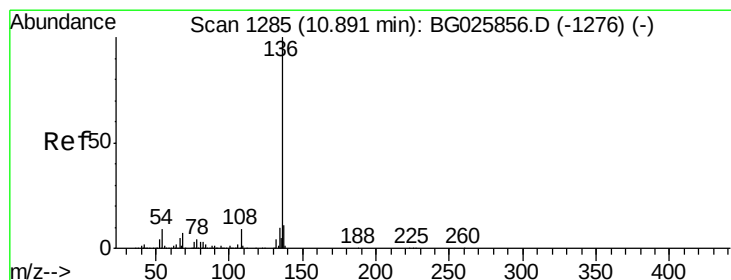
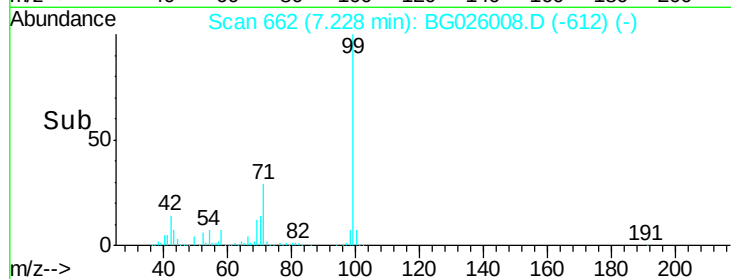
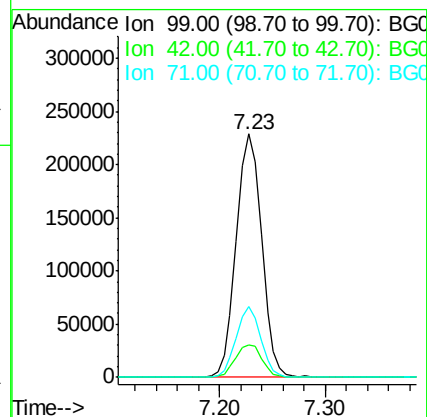
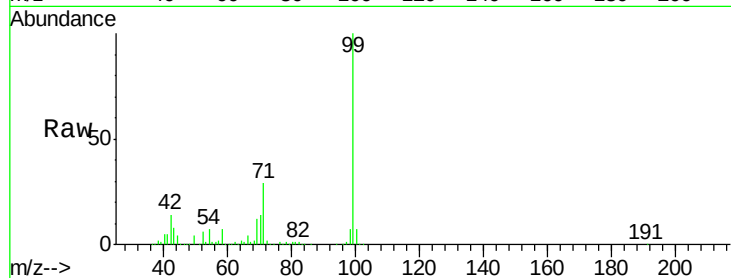
Tgt Ion: 99 Resp: 380518

Ion Ratio Lower Upper

99 100

42 13.6 20.5 30.7#

71 28.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

Tgt Ion: 136 Resp: 412617

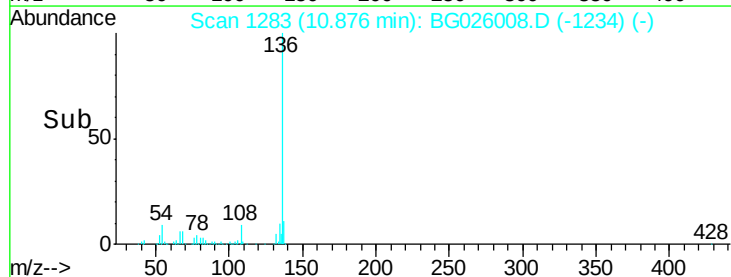
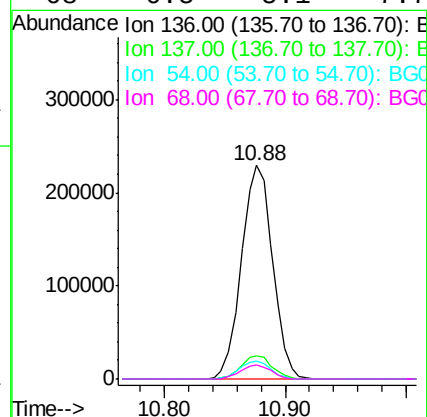
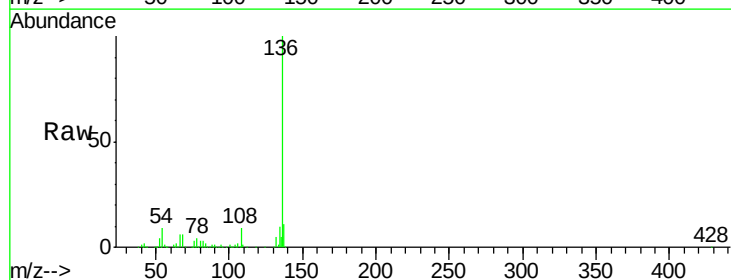
Ion Ratio Lower Upper

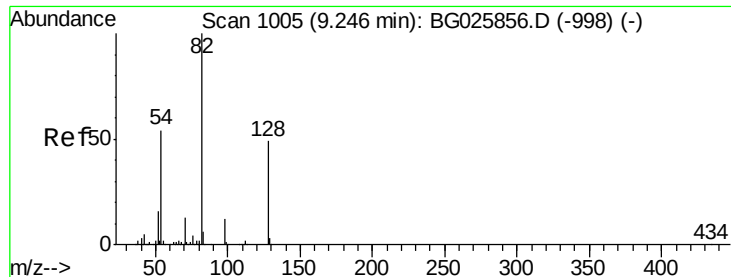
136 100

137 10.9 8.9 13.3

54 8.6 9.3 13.9#

68 6.5 5.1 7.7

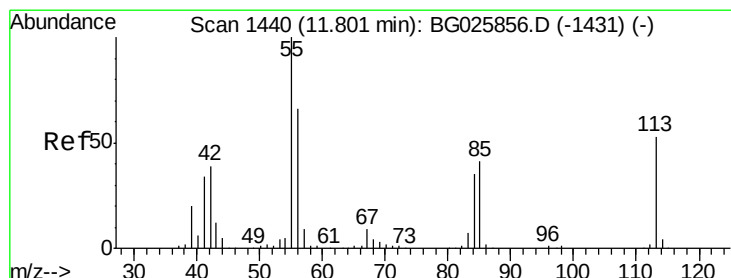
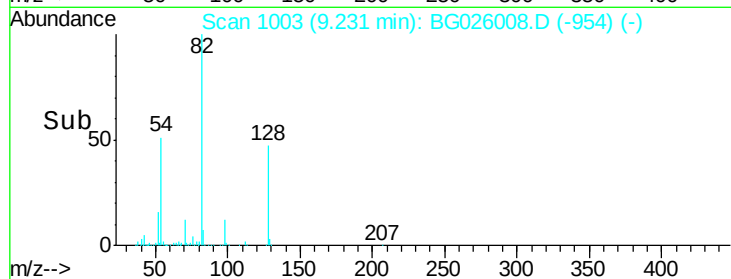
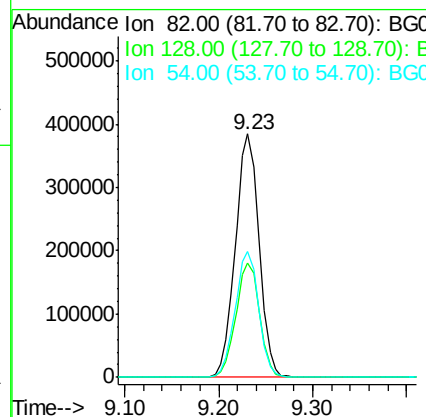
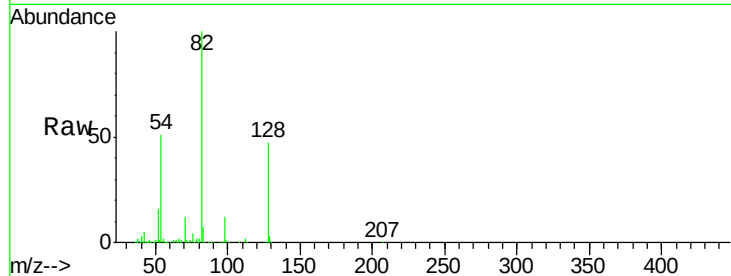




#23
 Nitrobenzene-d5
 Concen: 102.80 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026008.D
 Acq: 28 Feb 2017 22:18

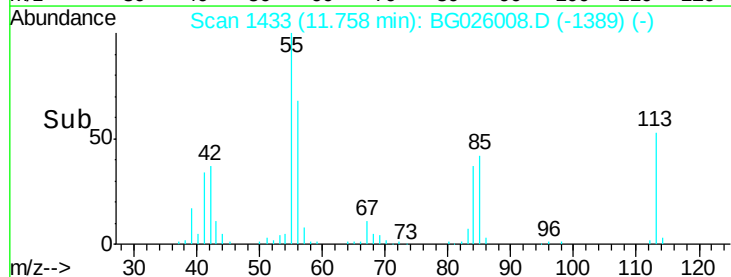
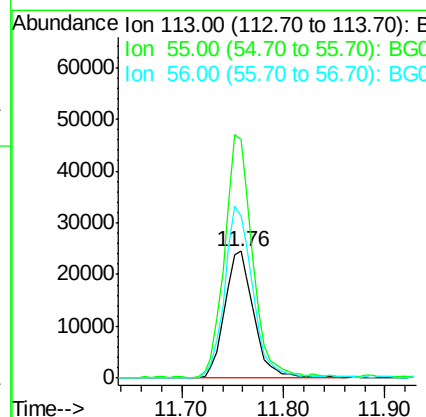
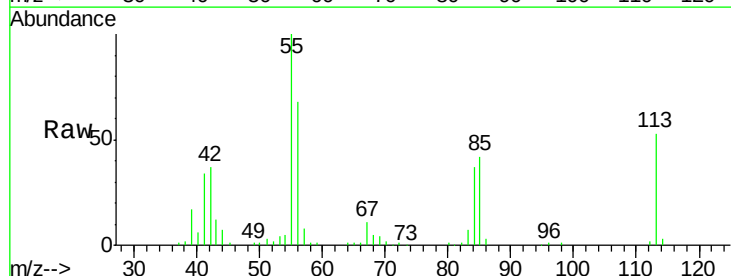
Instrument :
 BNA_G
 ClientSampleId :
 CPS073052

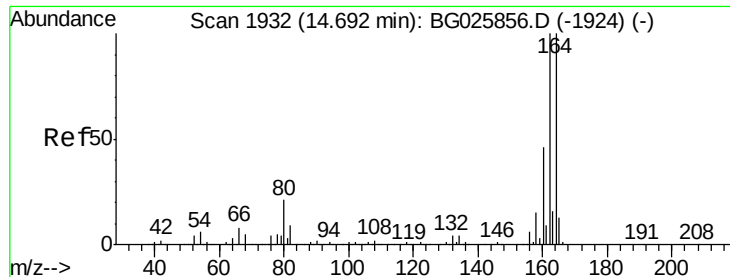
Tgt Ion: 82 Resp: 672121
 Ion Ratio Lower Upper
 82 100
 128 47.1 26.4 39.6#
 54 51.4 49.4 74.2



#35
 Caprolactam
 Concen: 20.45 ng
 RT: 11.76 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BG026008.D
 Acq: 28 Feb 2017 22:18

Tgt Ion: 113 Resp: 48628
 Ion Ratio Lower Upper
 113 100
 55 188.8 198.6 238.6#
 56 127.5 140.4 180.4#

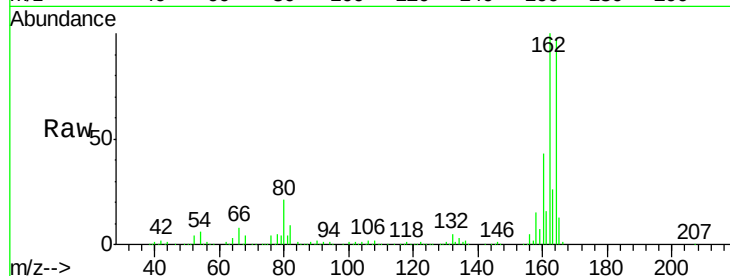




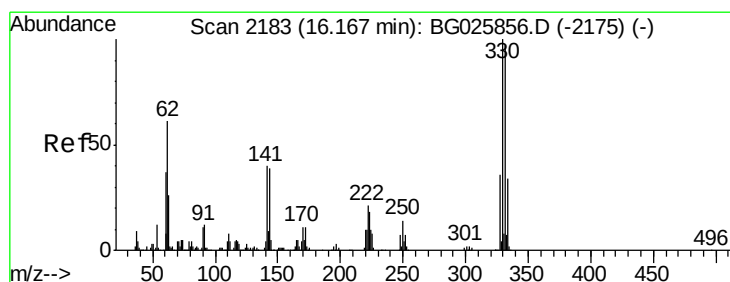
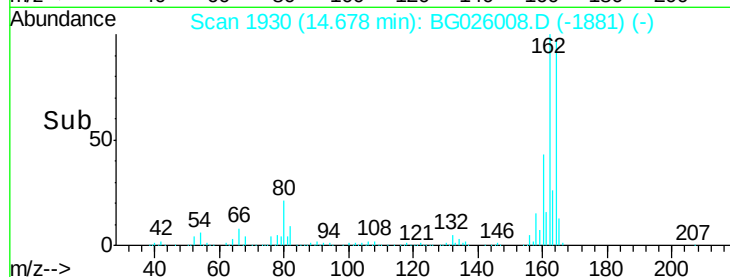
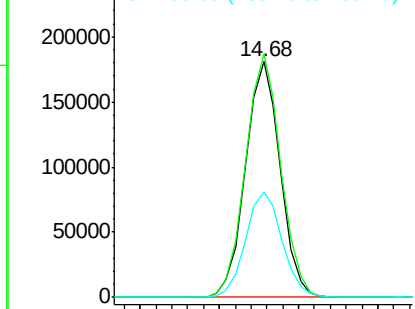
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:164 Resp: 274146
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 44.7 34.7 52.1

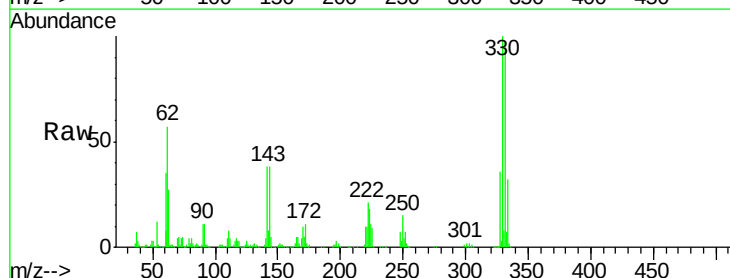


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

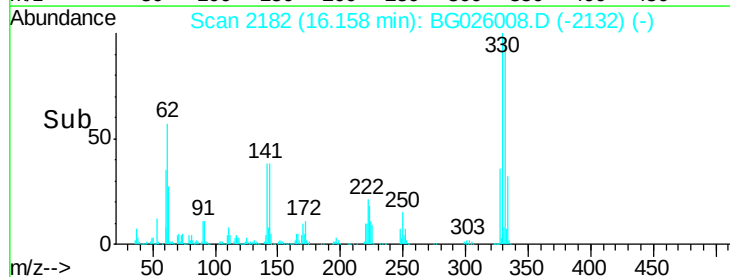
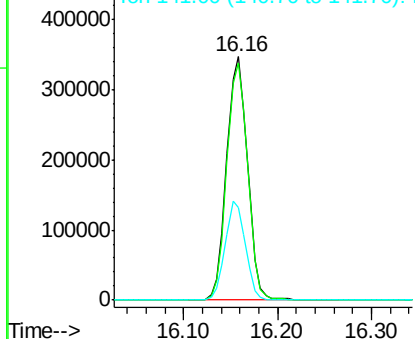


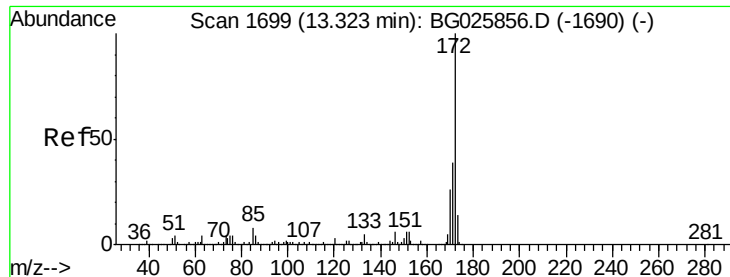
#41
2,4,6-Tribromophenol
Concen: 212.42 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:330 Resp: 538030
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 39.2 32.1 48.1



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: 109.92 ng

RT: 13.31 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

Instrument :

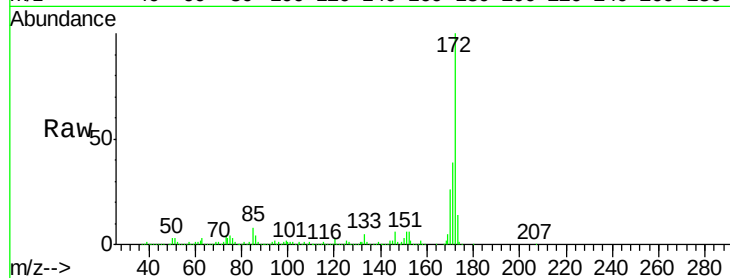
BNA_G

ClientSampleId :

CPS073052

Tgt Ion:172 Resp: 1724536

Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	25.8	21.8	32.6

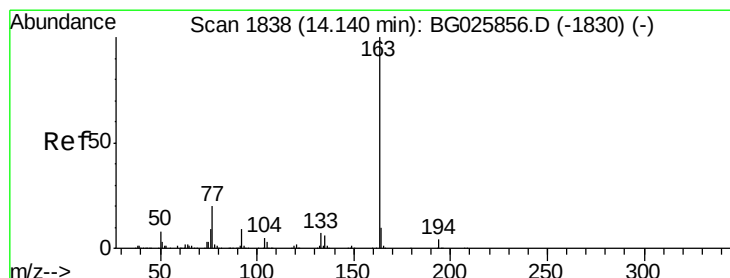
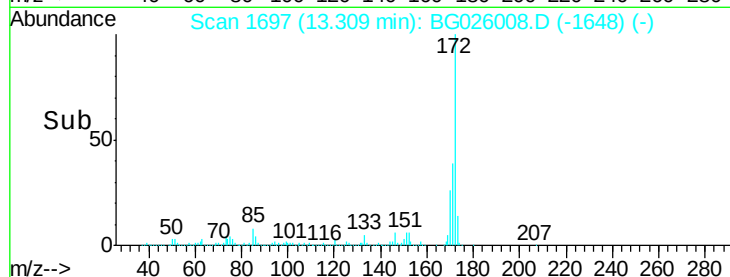
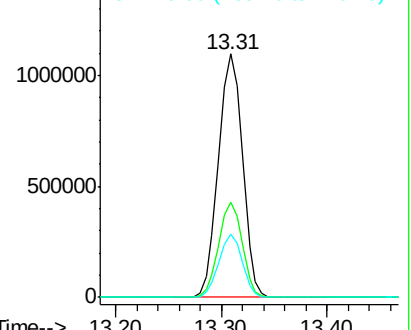


Abundance

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



#49

Dimethylphthalate

Concen: 3.82 ng

RT: 14.13 min Scan# 1836

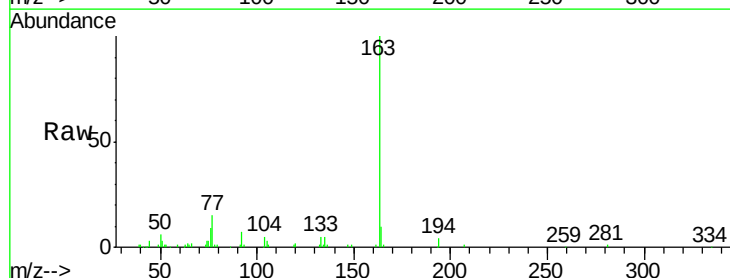
Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

Tgt Ion:163 Resp: 71828

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.6
164	10.4	9.3	13.9

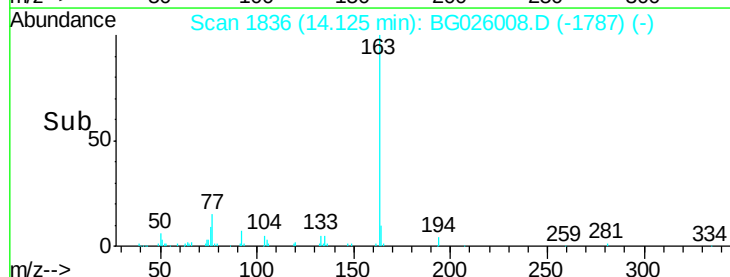
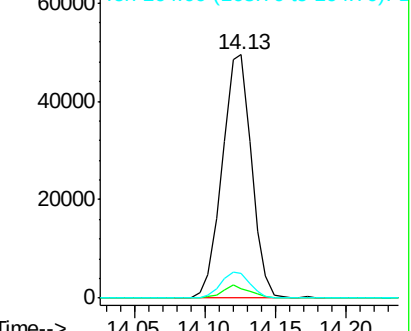


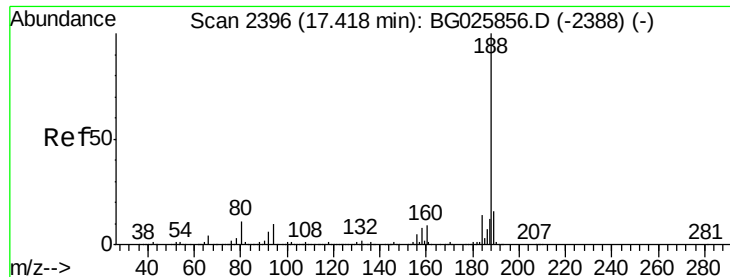
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

Instrument :

BNA_G

ClientSampleId :

CPS073052

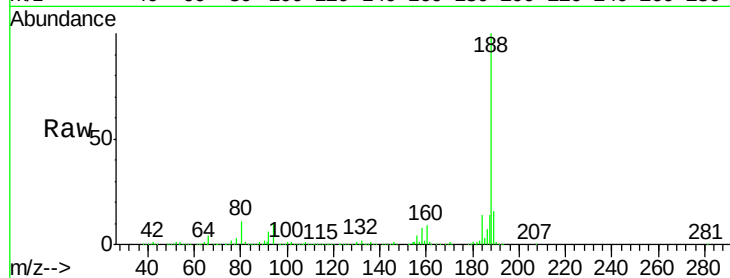
Tgt Ion:188 Resp: 743924

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

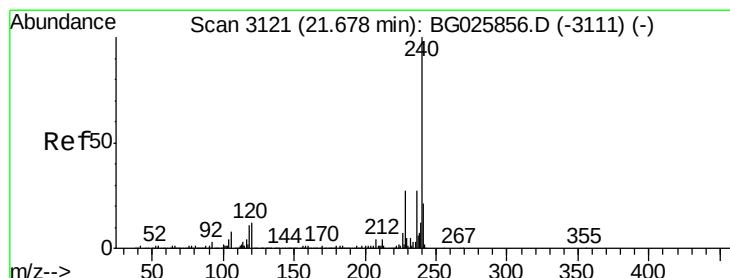
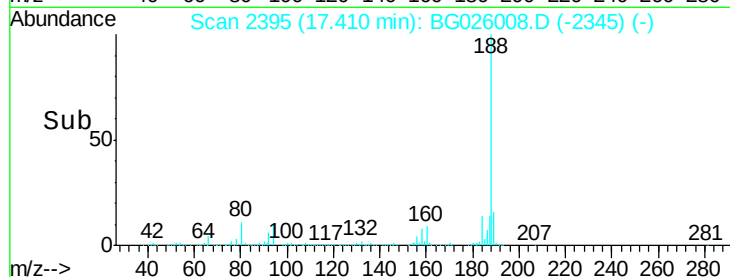
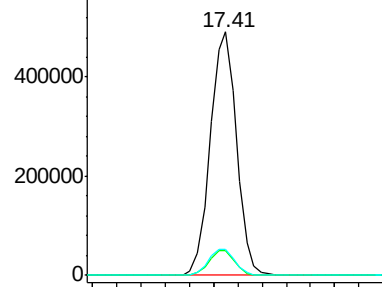
80 10.8 7.5 11.3



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: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

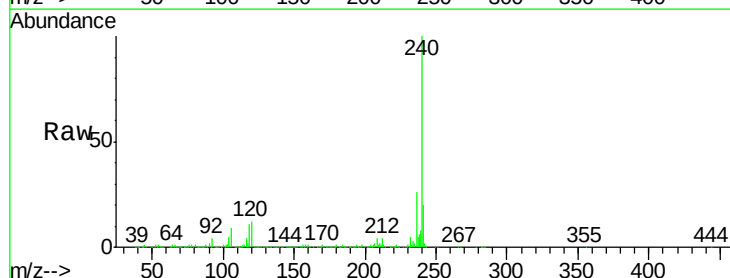
Tgt Ion:240 Resp: 757878

Ion Ratio Lower Upper

240 100

120 12.3 5.7 8.5#

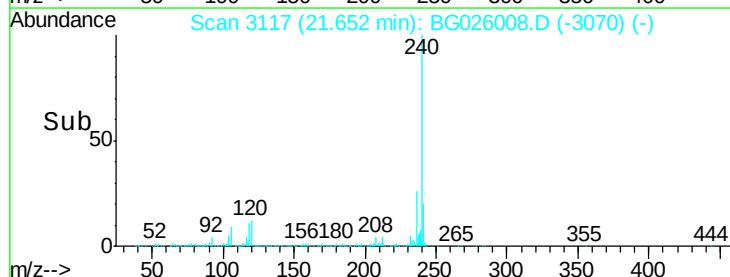
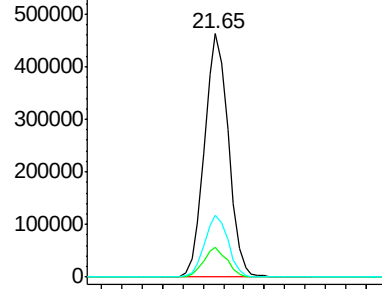
236 25.7 22.2 33.4

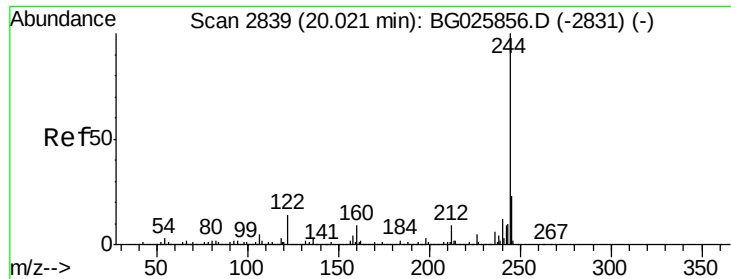


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.51 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

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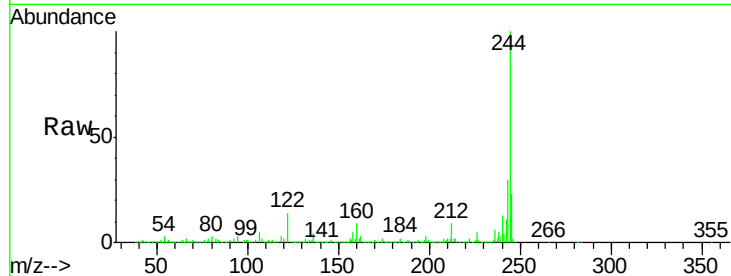
Tgt Ion:244 Resp: 2571231

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

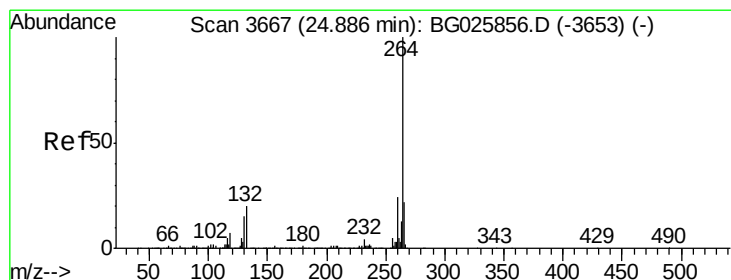
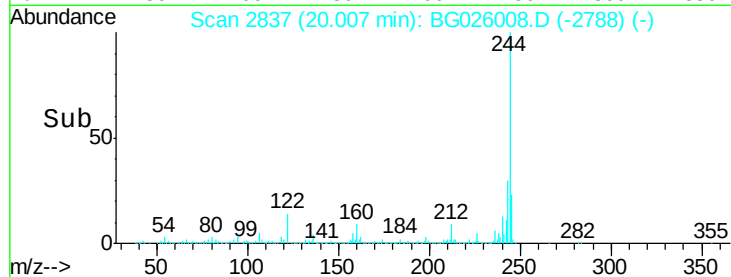
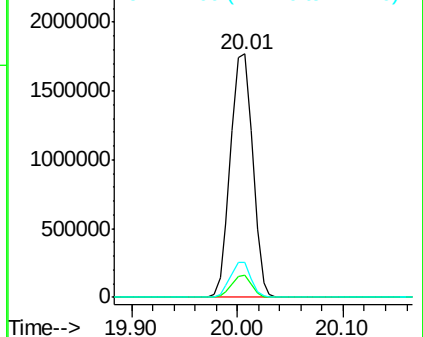
122 14.1 8.6 12.8#



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: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026008.D

Acq: 28 Feb 2017 22:18

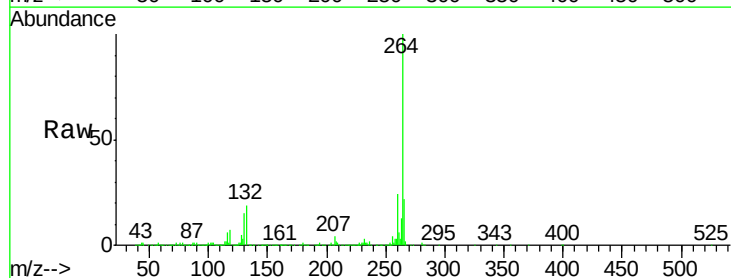
Tgt Ion:264 Resp: 713637

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.4 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

