

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025819.D
 Acq On : 7 Feb 2017 1:59
 Operator : SJ/MA
 Sample : I1697-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B23-B24-001

Quant Time: Feb 07 03:13:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

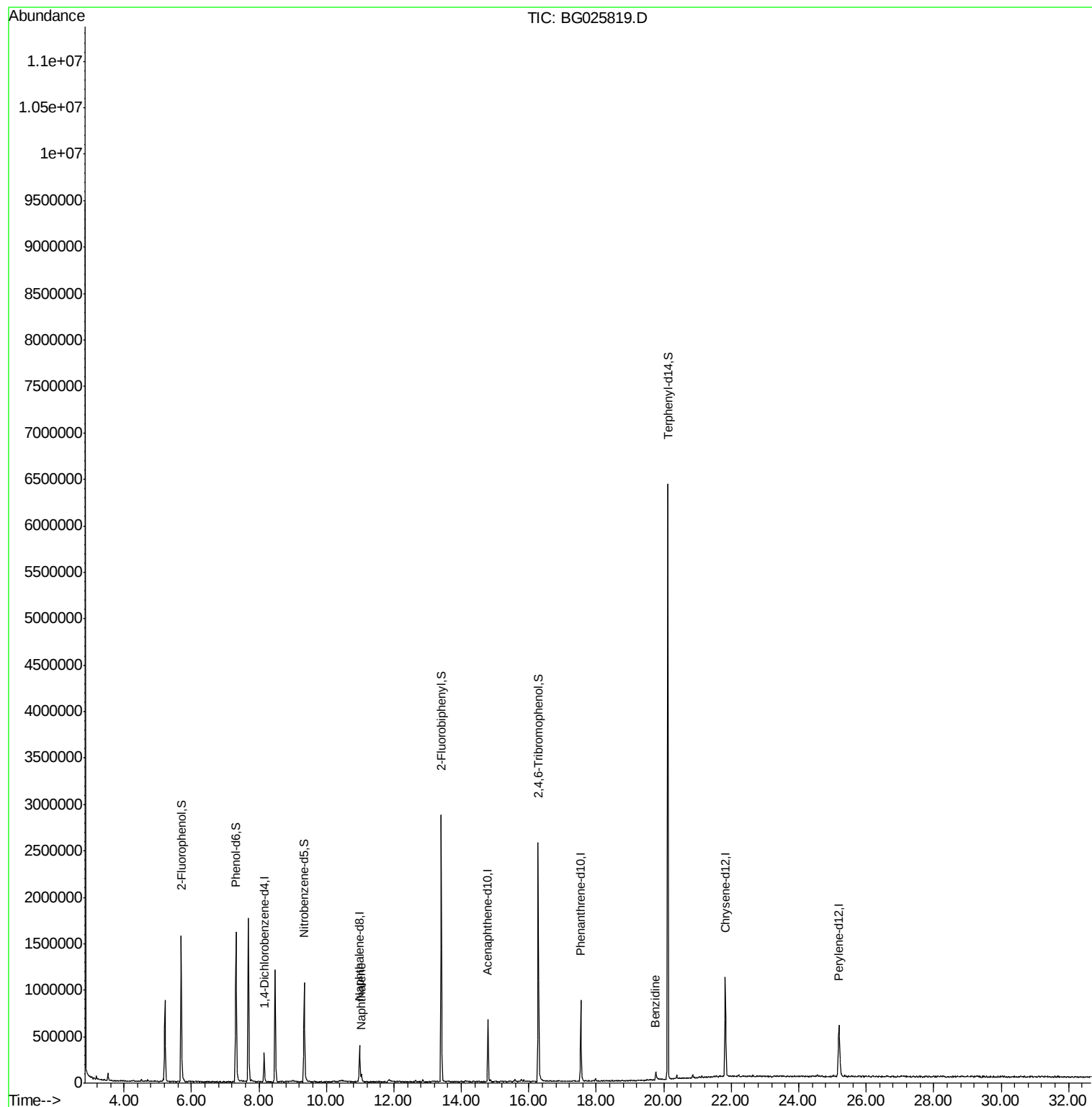
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76632	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	312227	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	245687	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	567475	20.00	ng	0.00
75) Chrysene-d12	21.82	240	700017	20.00	ng	-0.02
86) Perylene-d12	25.20	264	671846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	626193	146.45	ng	0.00
7) Phenol-d6	7.32	99	875349	140.17	ng	0.00
23) Nitrobenzene-d5	9.34	82	726401	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	487098	139.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1405892	92.94	ng	-0.02
78) Terphenyl-d14	20.12	244	2518284	86.83	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	51839	3.20	ng	Qvalue # 94
76) Benzidine	19.77	184	70704	2.94	ng	97

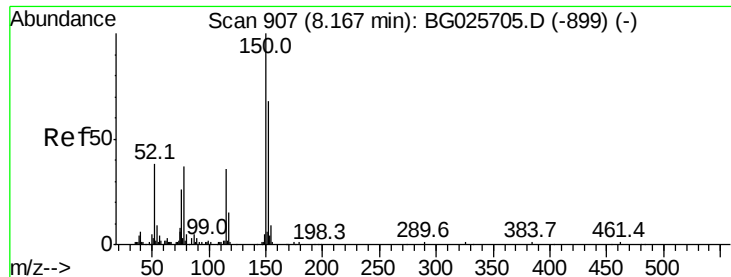
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

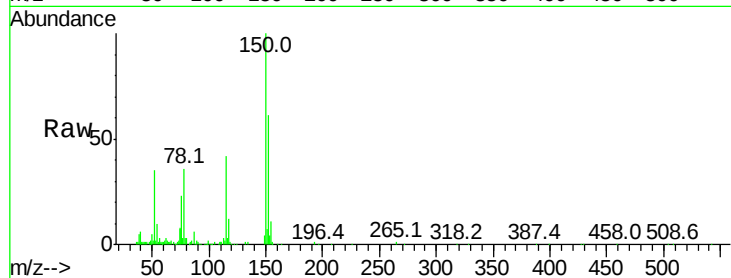
Tot Ion:152 Resp: 76632

Ion Ratio Lower Upper

152 100

150 163.9 114.0 171.0

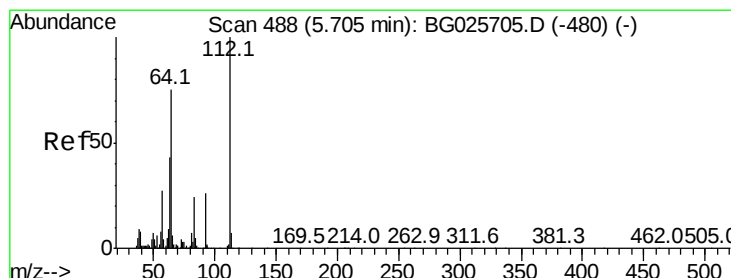
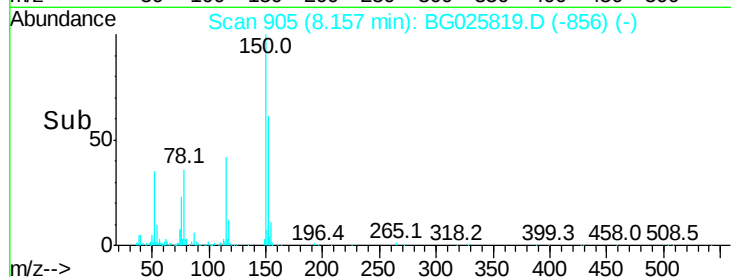
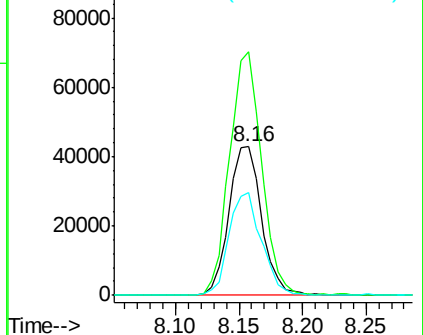
115 68.8 48.1 72.1



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: 146.45 ng

RT: 5.70 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

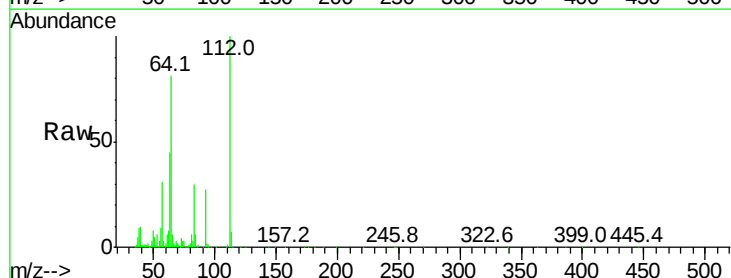
Tgt Ion:112 Resp: 626193

Ion Ratio Lower Upper

112 100

64 81.1 61.8 92.6

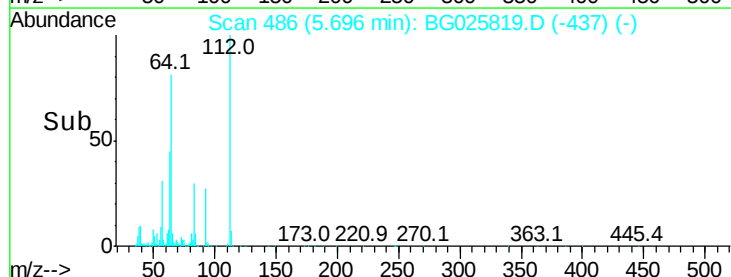
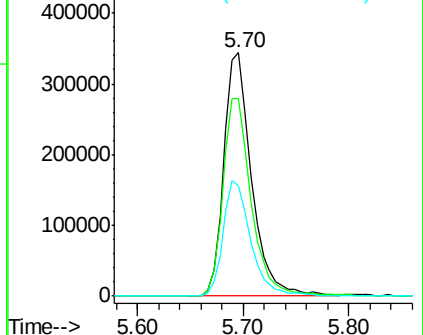
63 45.2 37.2 55.8

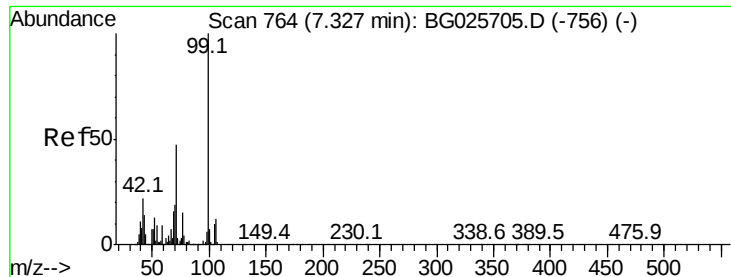


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.17 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

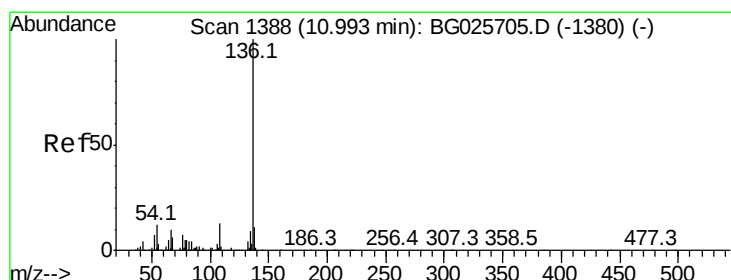
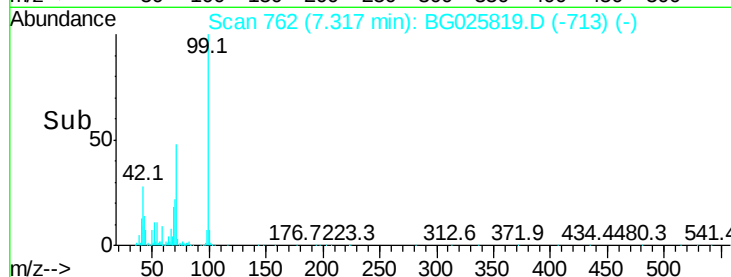
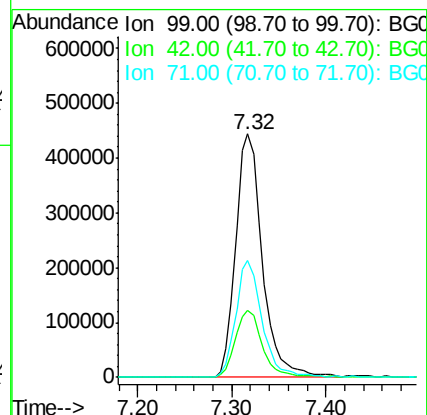
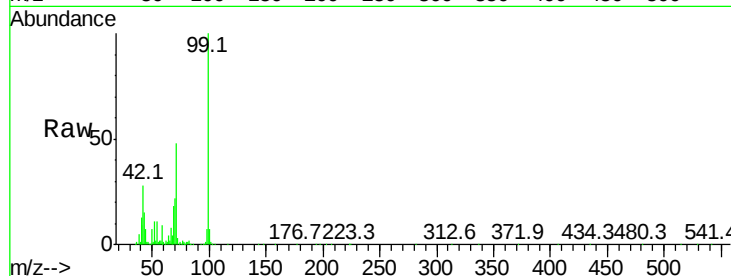
Tot Ion: 99 Resp: 875349

Ion Ratio Lower Upper

99 100

42 27.6 20.5 30.7

71 48.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Tgt Ion: 136 Resp: 312227

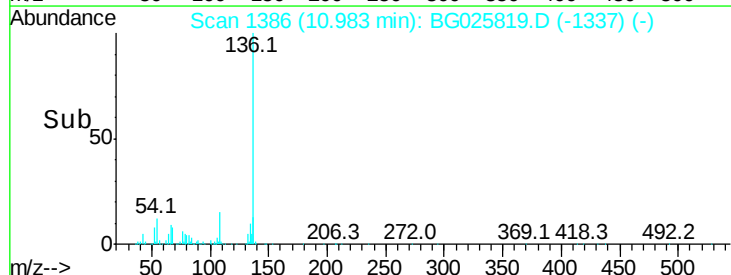
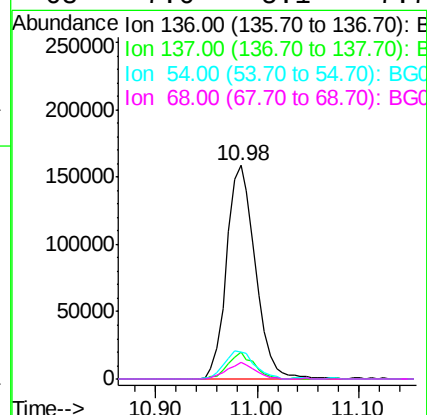
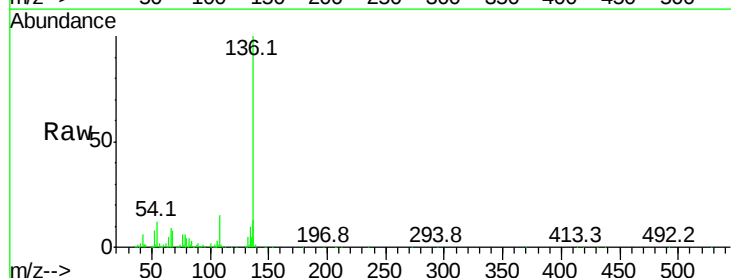
Ion Ratio Lower Upper

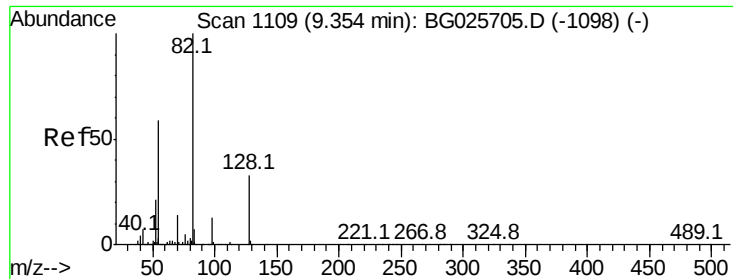
136 100

137 12.7 8.9 13.3

54 12.3 9.3 13.9

68 7.6 5.1 7.7

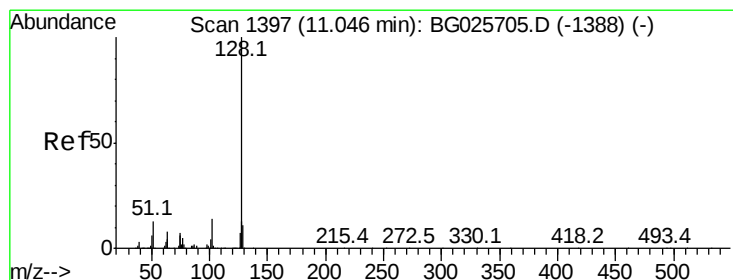
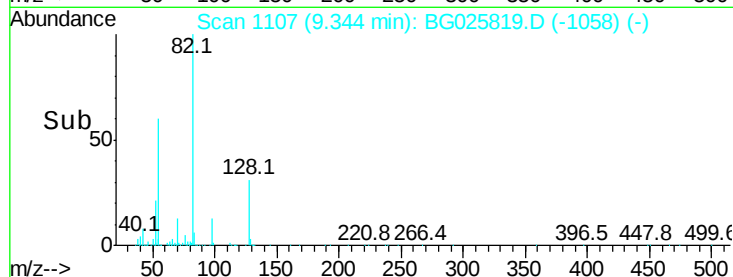
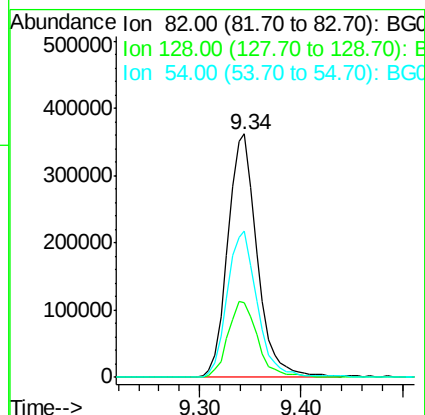
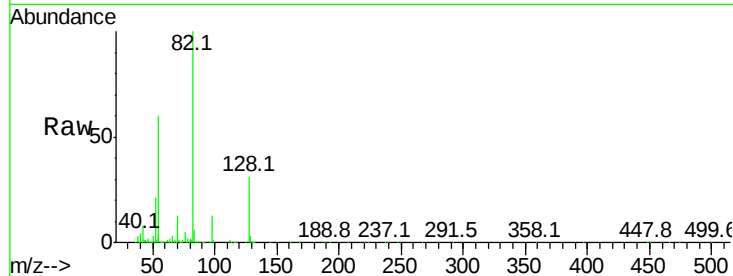




#23
Nitrobenzene-d5
Concen: 98.30 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

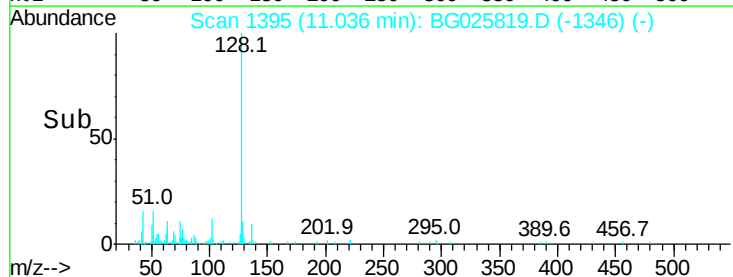
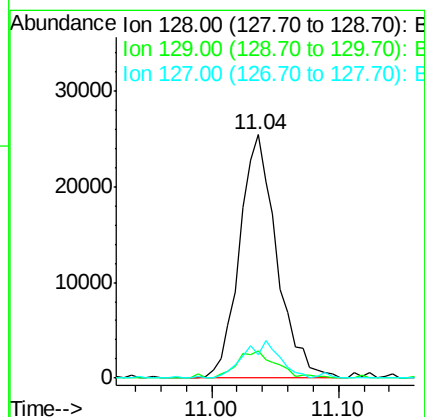
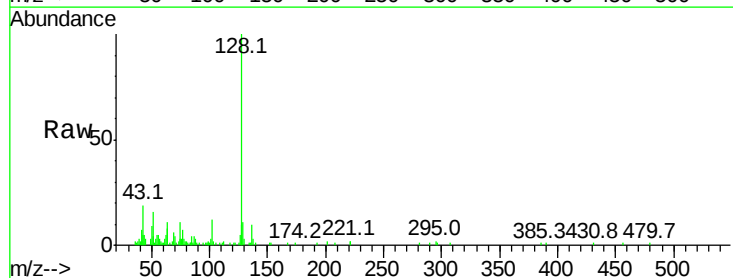
Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

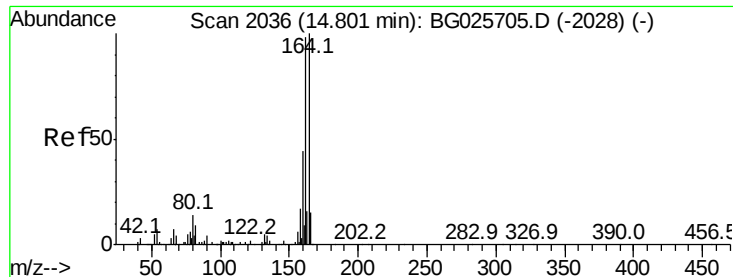
Tot Ion	82	Resp	726401
Ion Ratio	100	Lower	Upper
128	30.9	26.4	39.6
54	60.3	49.4	74.2



#31
Naphthalene
Concen: 3.20 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion	128	Resp	51839
Ion Ratio	100	Lower	Upper
129	11.3	9.3	13.9
127	9.8	11.4	17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

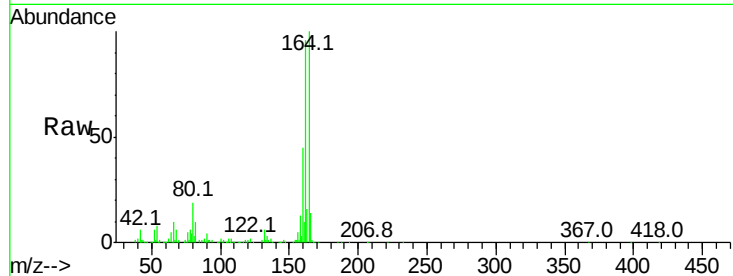
Tot Ion:164 Resp: 245687

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

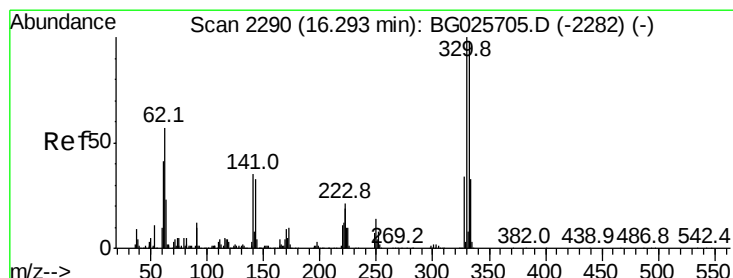
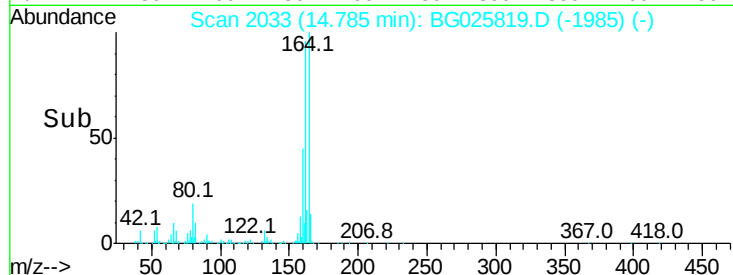
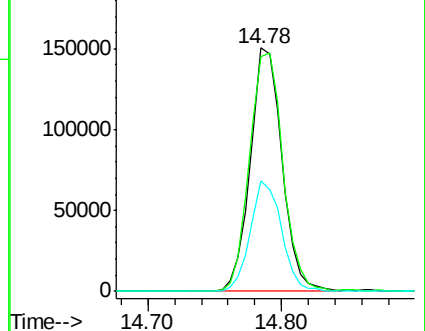
160 45.3 34.7 52.1



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: 139.02 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

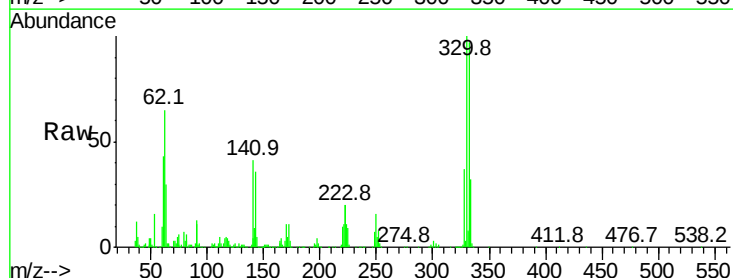
Tgt Ion:330 Resp: 487098

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

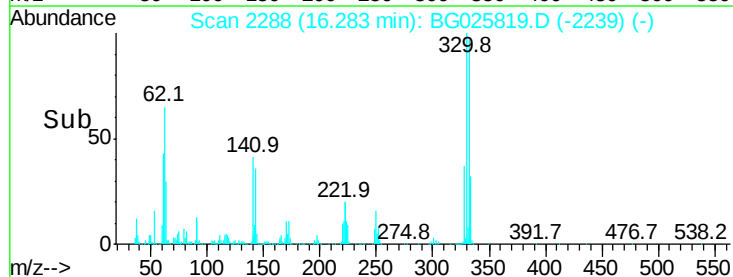
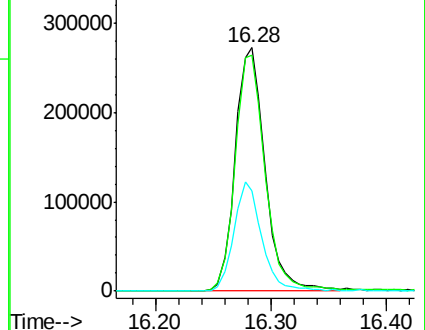
141 42.2 32.1 48.1

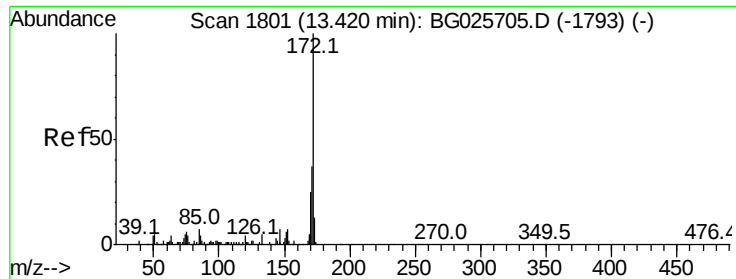


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.94 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

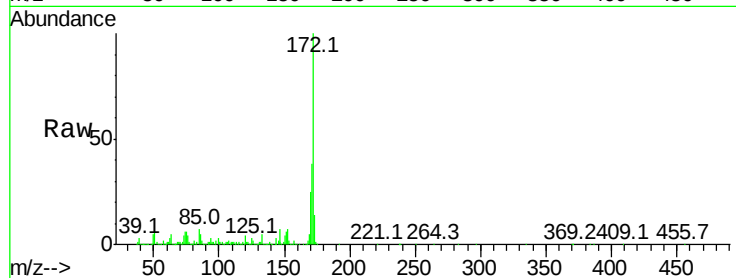
BNA_G

ClientSampleId :

WC-B23-B24-001

Tot Ion:172 Resp: 1405892

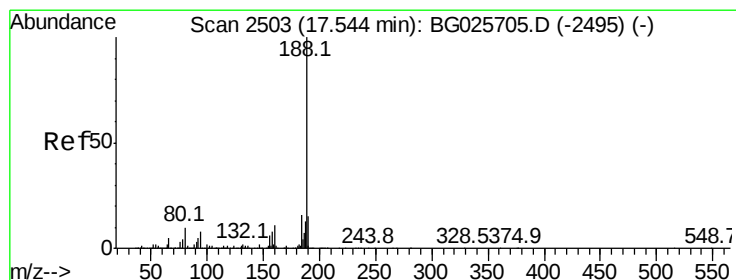
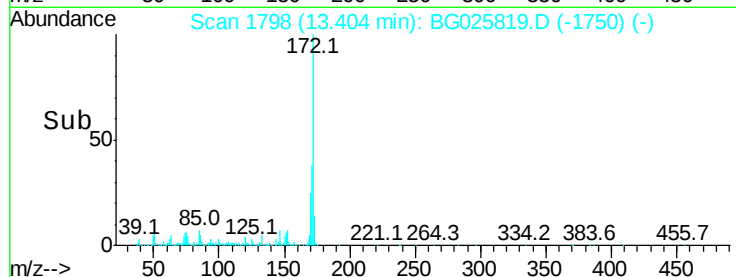
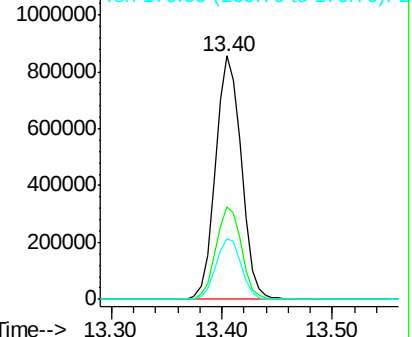
Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.0	21.8	32.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

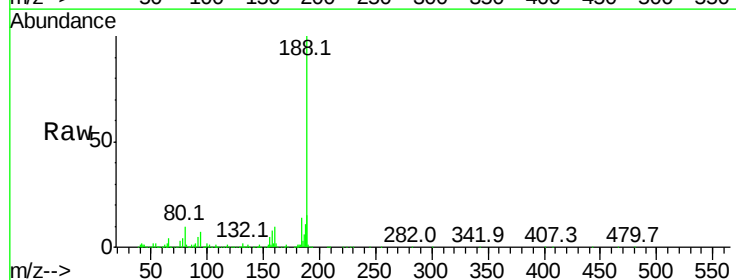
Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Tgt Ion:188 Resp: 567475

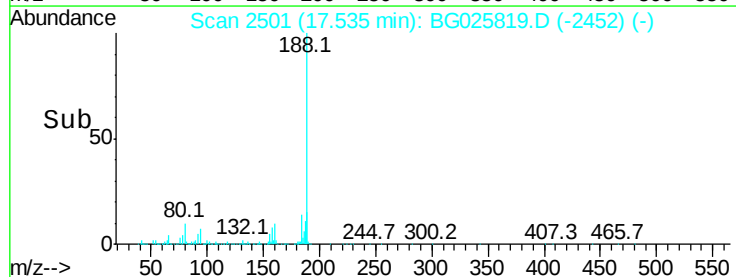
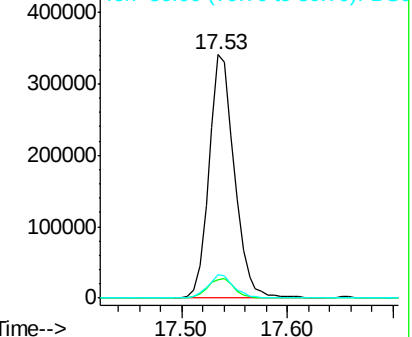
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	9.6	7.5	11.3

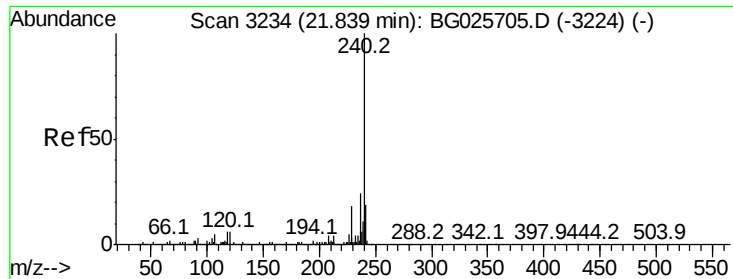


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

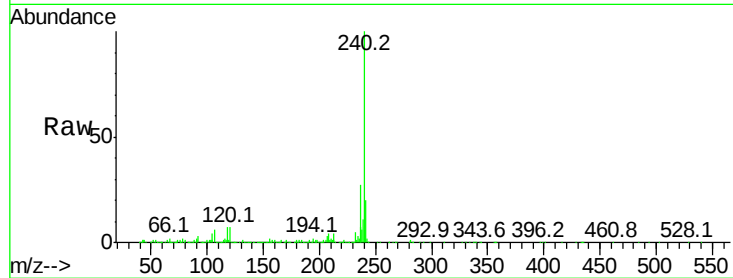
Tot Ion:240 Resp: 700017

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

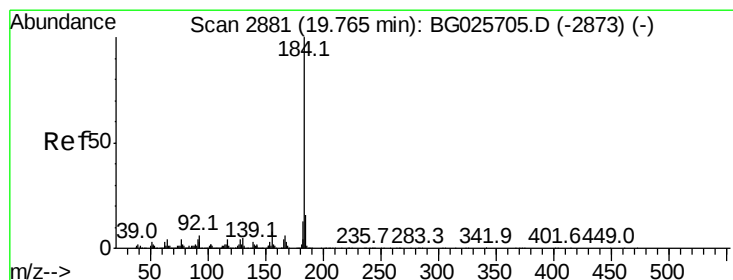
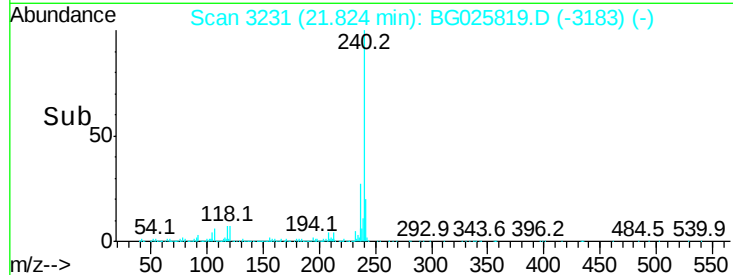
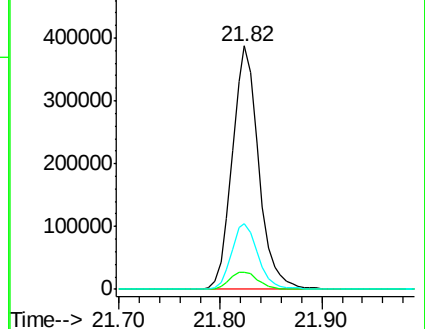
236 27.2 22.2 33.4



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



#76

Benzidine

Concen: 2.94 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

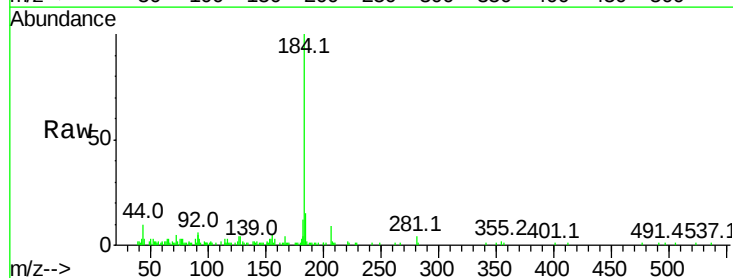
Tgt Ion:184 Resp: 70704

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

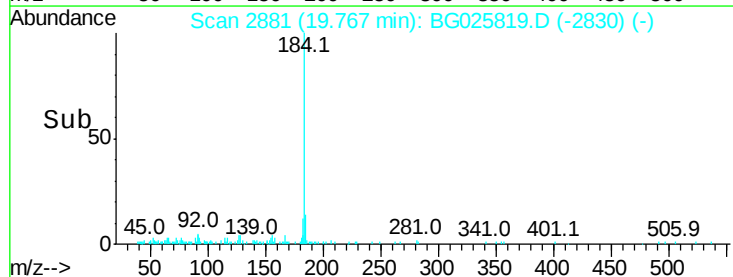
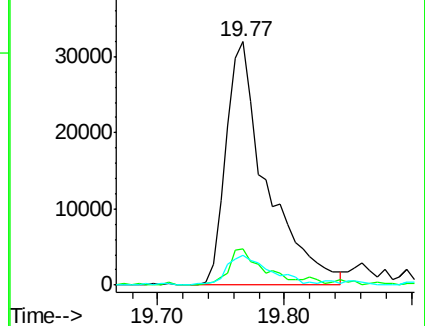
183 12.2 11.0 16.6

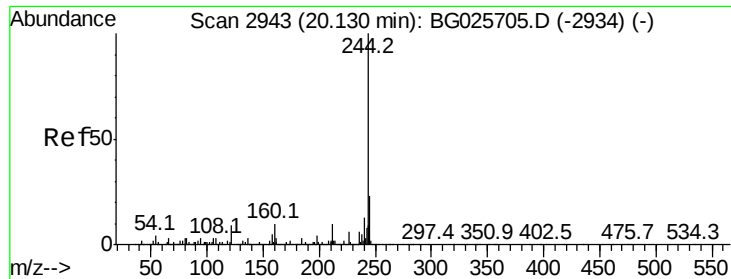


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.83 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

Instrument :

BNA_G

ClientSampleId :

WC-B23-B24-001

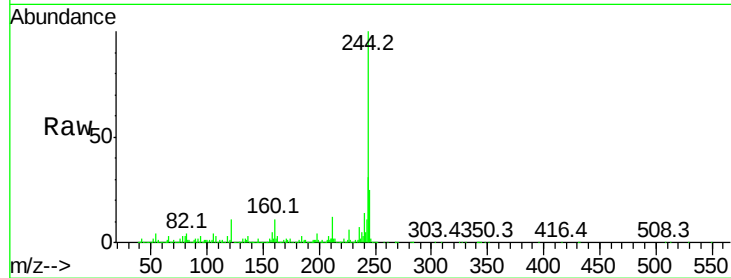
Tot Ion:244 Resp: 2518284

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.9	8.6	12.8

244 100

212 11.7 10.0 15.0

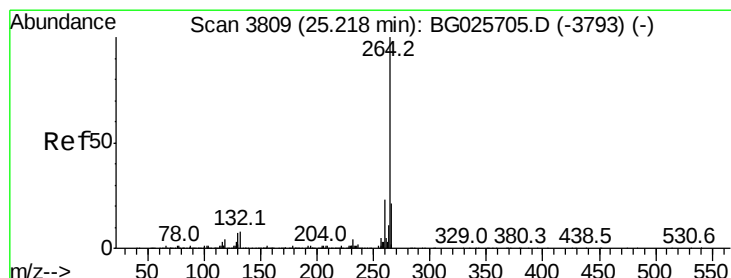
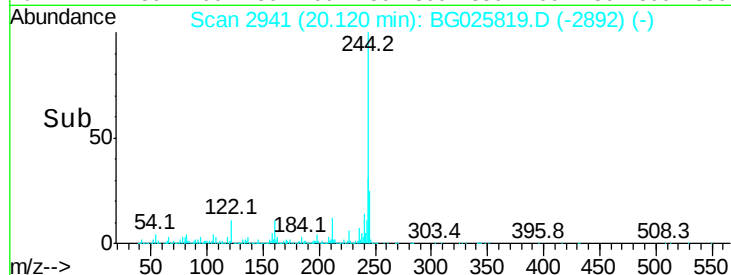
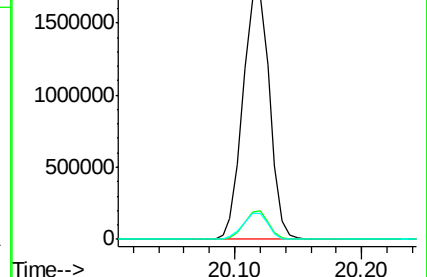
122 10.9 8.6 12.8



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: 25.20 min Scan# 3805

Delta R.T. -0.02 min

Lab File: BG025819.D

Acq: 7 Feb 2017 1:59

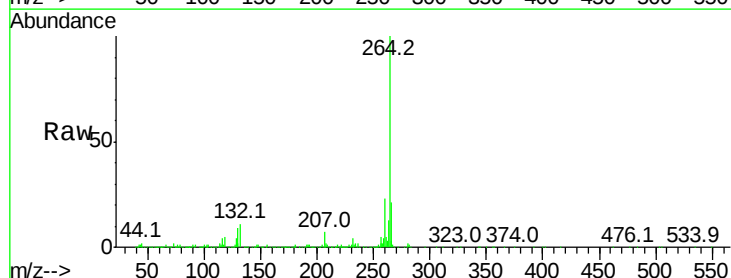
Tgt Ion:264 Resp: 671846

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.2	18.2	27.4

264 100

260 23.5 21.8 32.8

265 21.2 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

