

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028726.D
 Acq On : 14 Sep 2017 10:42
 Operator : SJ/JU
 Sample : I5208-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-A

Quant Time: Sep 14 11:39:13 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

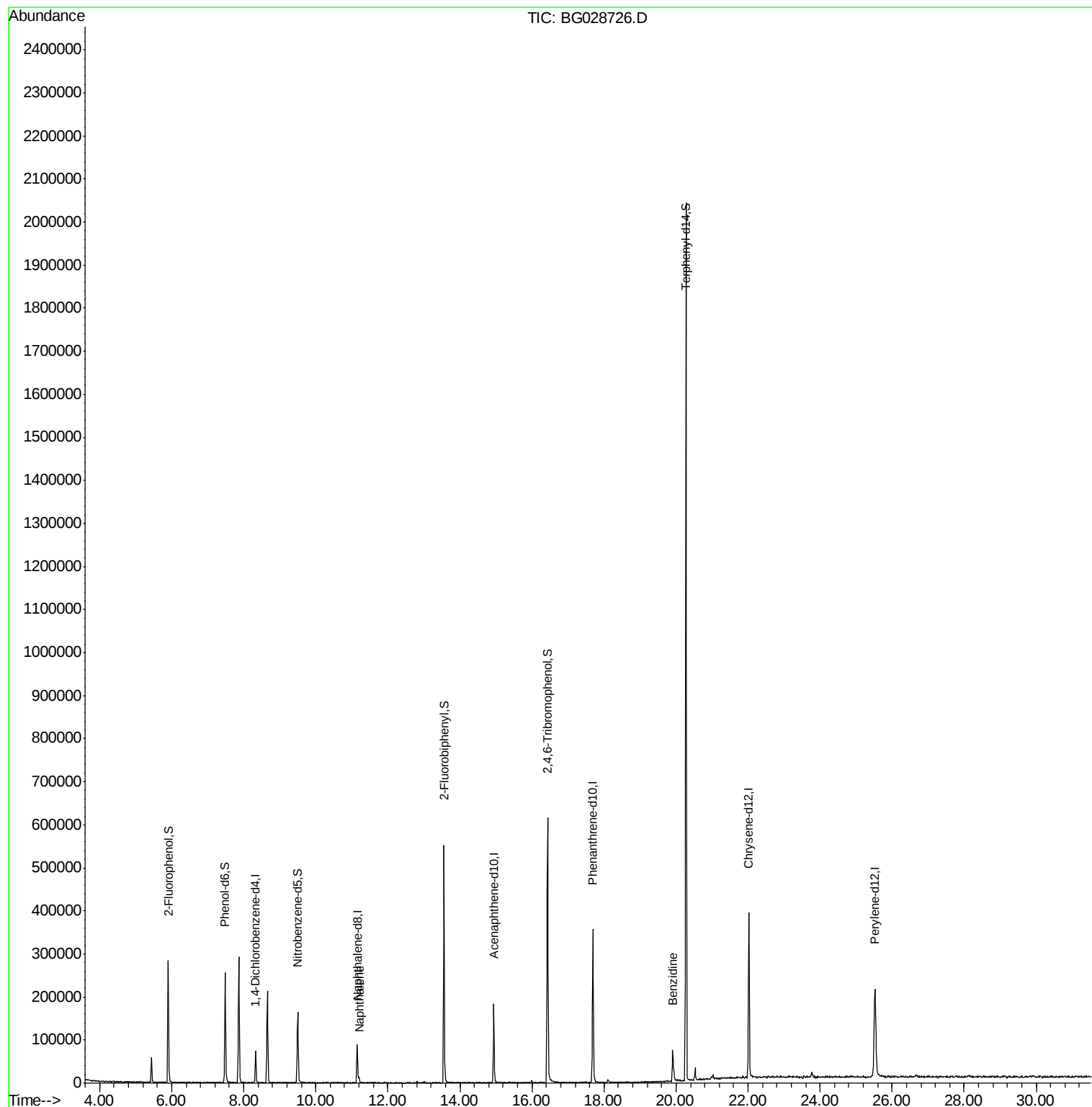
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	20649	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	82426	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	67920	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	240842	20.00	ng	0.00
75) Chrysene-d12	22.02	240	283643	20.00	ng	-0.01
86) Perylene-d12	25.52	264	288317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	123738	98.88	ng	0.00
7) Phenol-d6	7.48	99	159499	84.65	ng	0.00
23) Nitrobenzene-d5	9.50	82	113190	65.69	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	151394	134.77	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	317255	62.28	ng	0.00
78) Terphenyl-d14	20.28	244	949406	71.38	ng	0.00
Target Compounds						
31) Naphthalene	11.20	128	10223	2.375	ng	99
76) Benzidine	19.91	184	66274	9.010	ng	94

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

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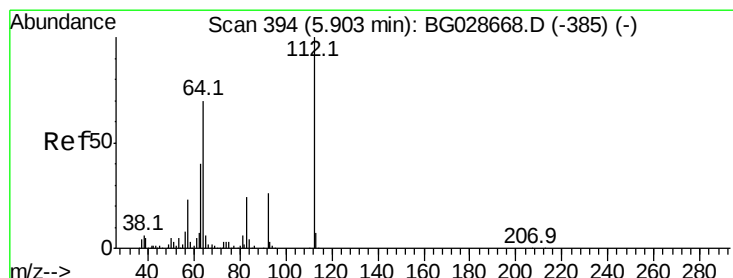
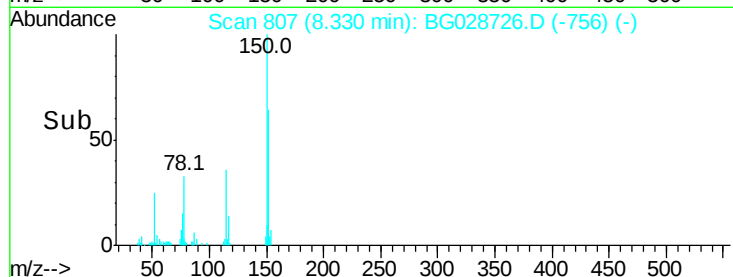
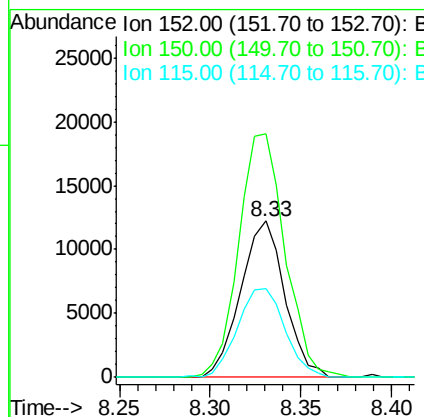
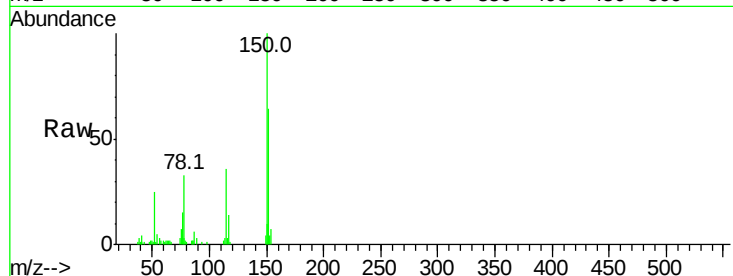


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028726.D
Acq: 14 Sep 2017 10:42

Instrument :
BNA_G
ClientSampleId :
CL-02-091117-A

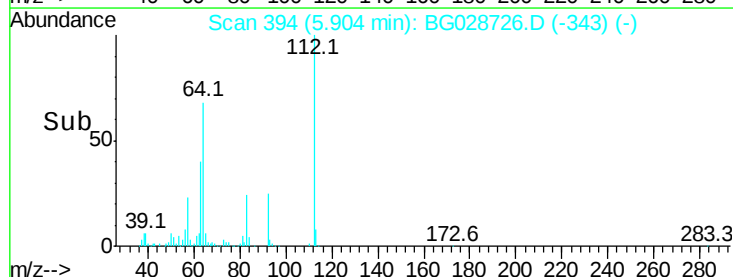
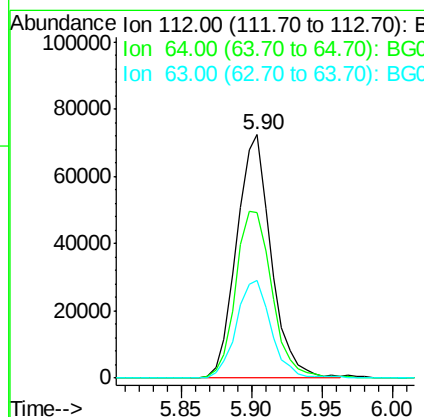
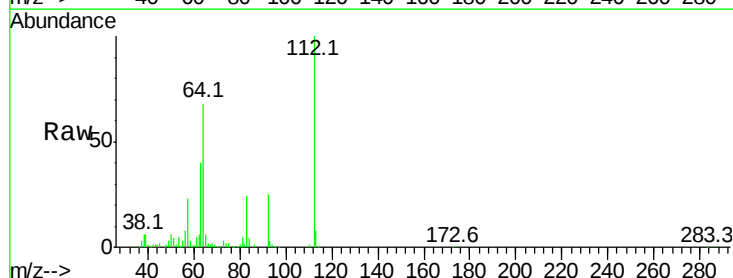
Tot Ion:152 Resp: 20649
Ion Ratio Lower Upper
152 100
150 155.9 114.0 171.0
115 56.6 48.1 72.1

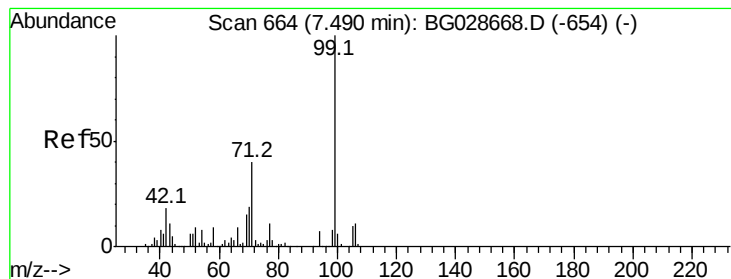


#5

2-Fluorophenol
Concen: 98.878 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028726.D
Acq: 14 Sep 2017 10:42

Tgt Ion:112 Resp: 123738
Ion Ratio Lower Upper
112 100
64 68.0 61.8 92.6
63 40.1 37.2 55.8





#7

Phenol-d6

Concen: 84.653 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

Instrument :

BNA_G

ClientSampleId :

CL-02-091117-A

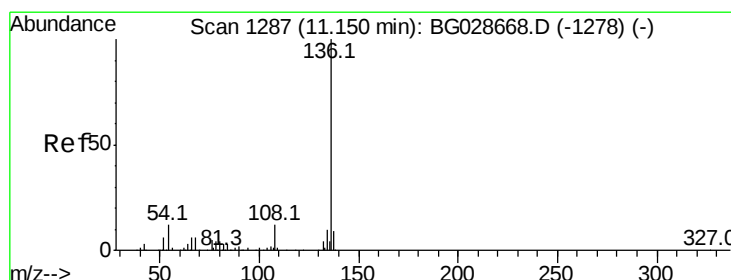
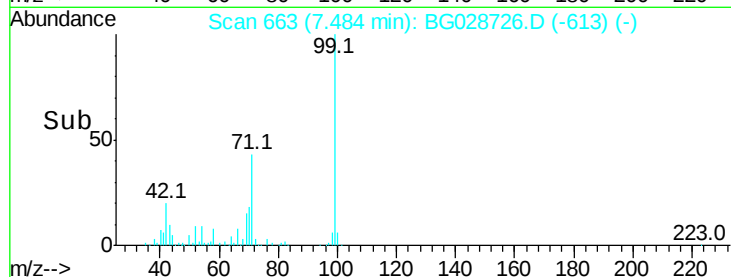
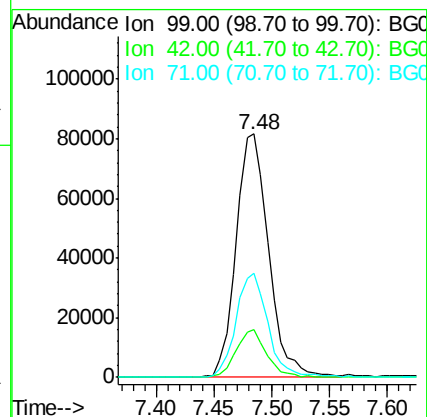
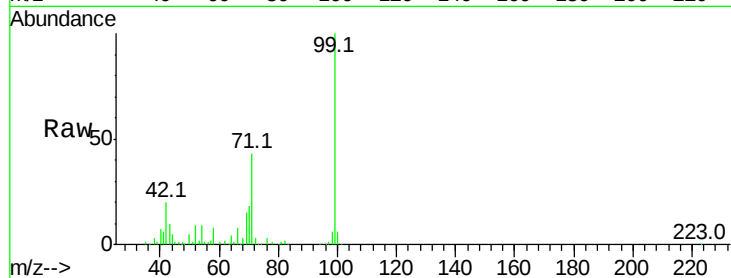
Tot Ion: 99 Resp: 159499

Ion Ratio Lower Upper

99 100

42 19.5 20.5 30.7#

71 42.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

Tgt Ion: 136 Resp: 82426

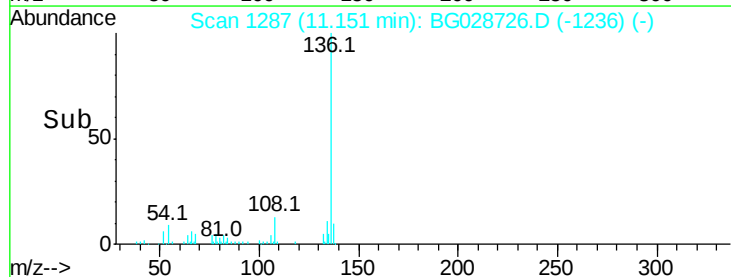
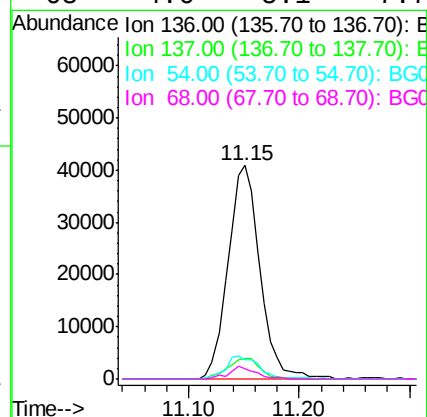
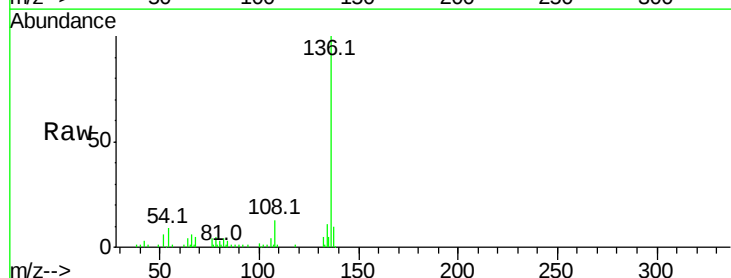
Ion Ratio Lower Upper

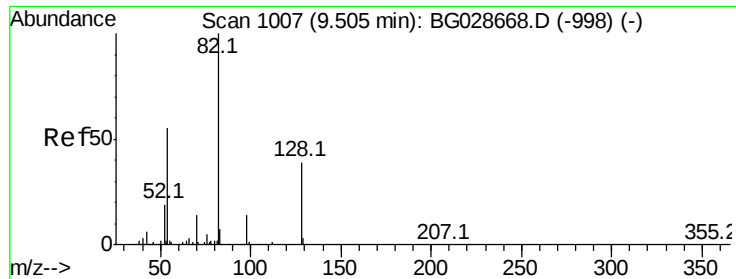
136 100

137 9.9 8.9 13.3

54 9.1 9.3 13.9#

68 4.6 5.1 7.7#

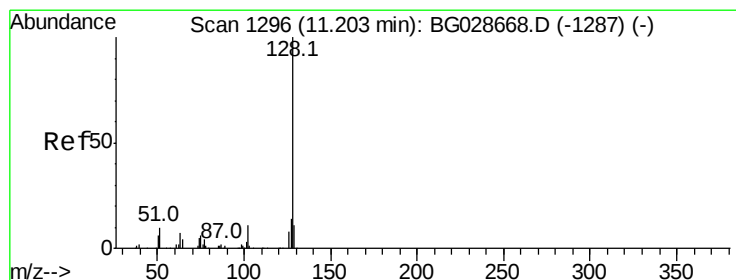
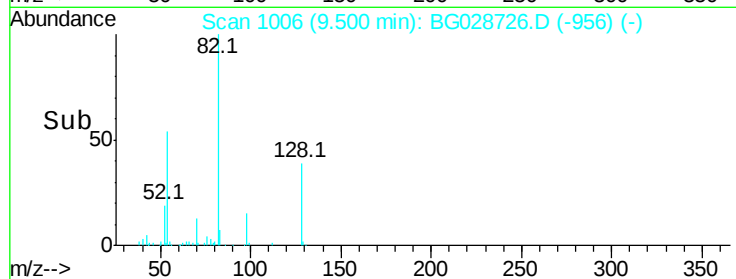
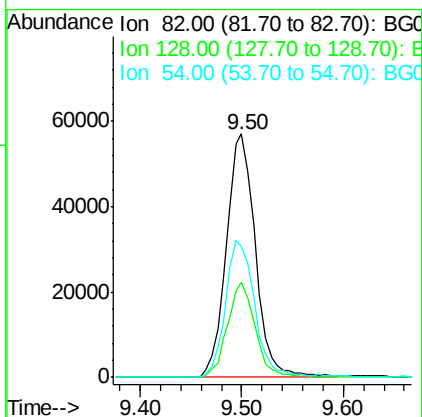
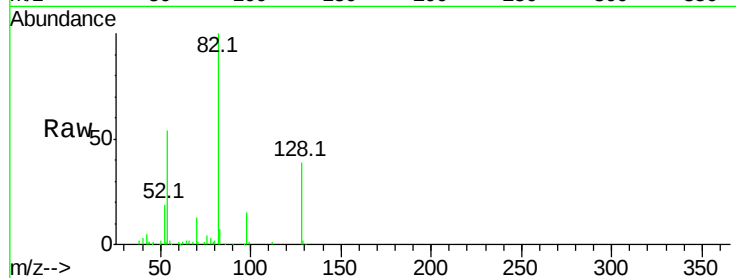




#23
 Nitrobenzene-d5
 Concen: 65.692 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028726.D
 Acq: 14 Sep 2017 10:42

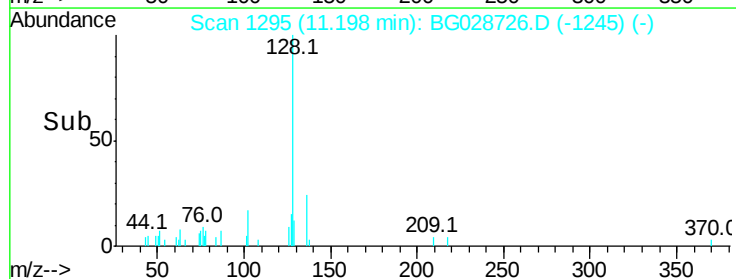
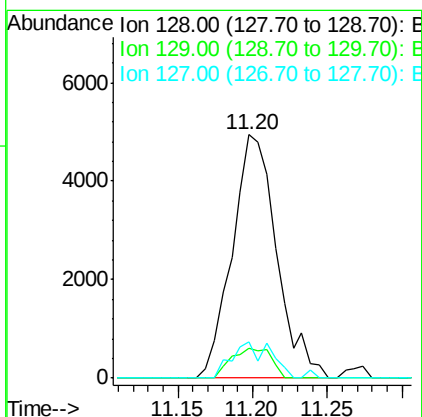
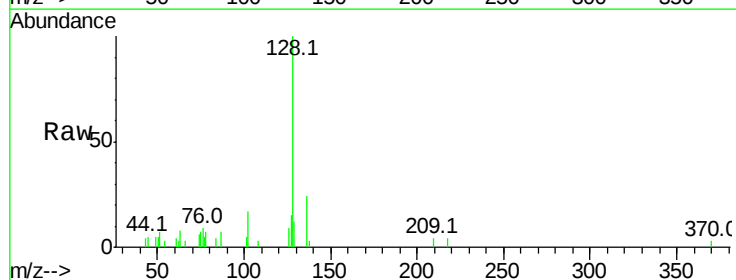
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-A

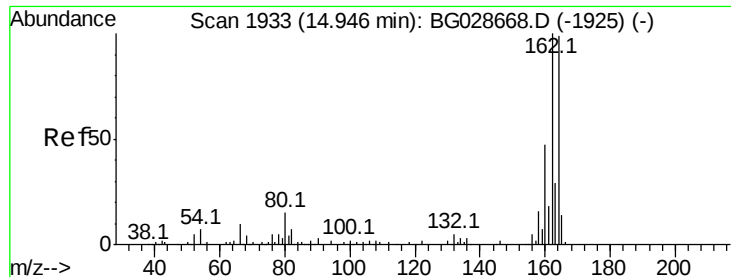
Tot Ion	82	Resp	113190
Ion Ratio	Lower	Upper	
82	100		
128	38.8	26.4	39.6
54	53.8	49.4	74.2



#31
 Naphthalene
 Concen: 2.375 ng
 RT: 11.20 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG028726.D
 Acq: 14 Sep 2017 10:42

Tgt Ion	128	Resp	10223
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.3	13.9
127	14.8	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

Instrument :

BNA_G

ClientSampleId :

CL-02-091117-A

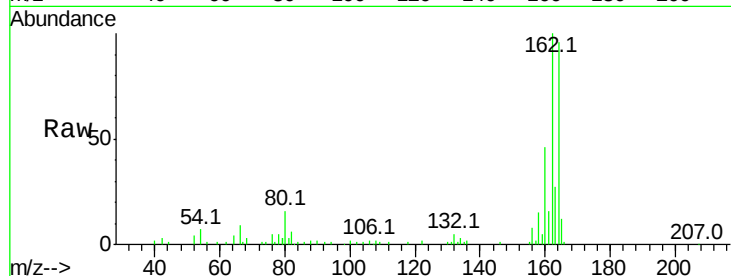
Tot Ion:164 Resp: 67920

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

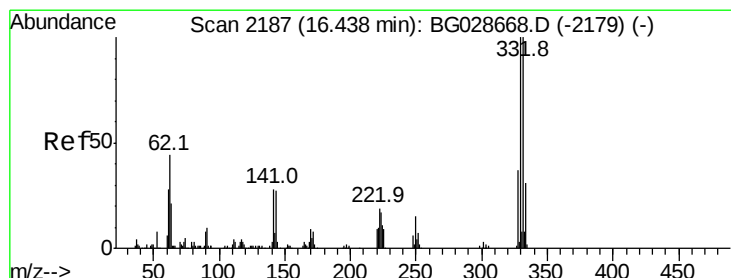
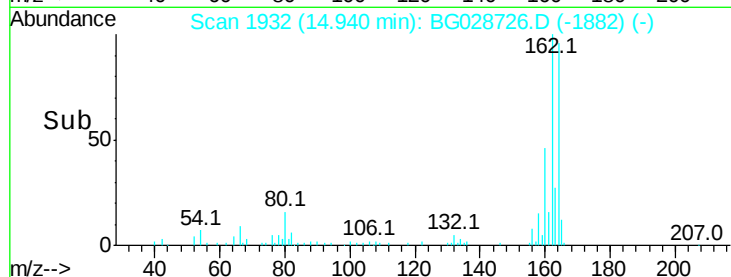
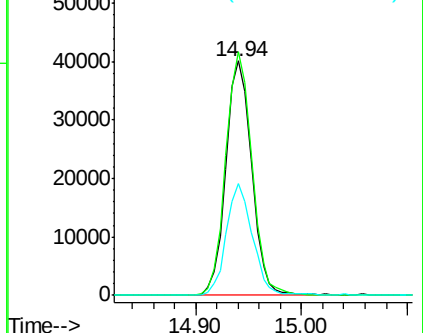
160 47.9 34.7 52.1



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: 134.769 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

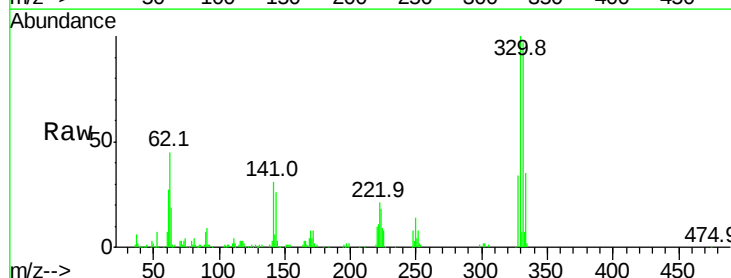
Tgt Ion:330 Resp: 151394

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

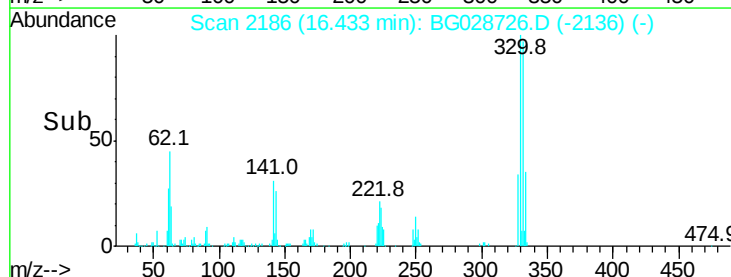
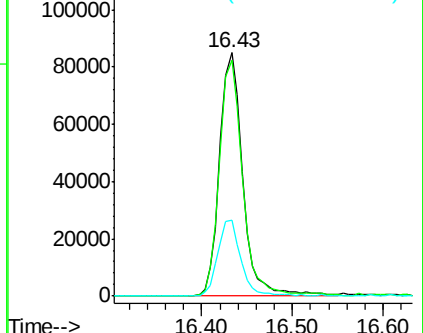
141 31.0 32.1 48.1#

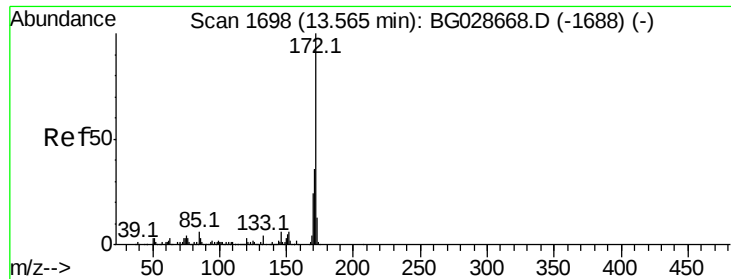


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

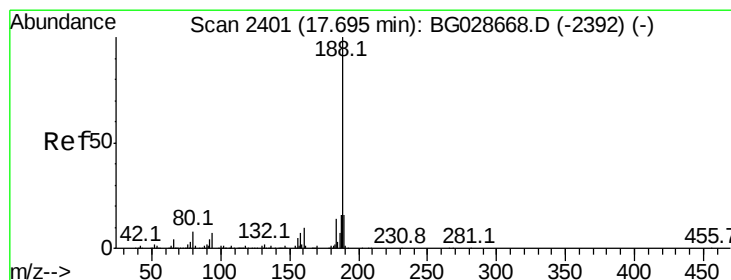
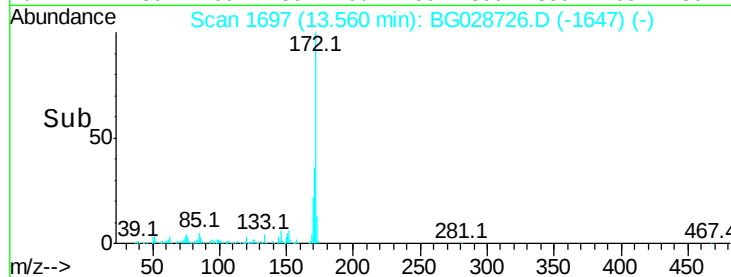
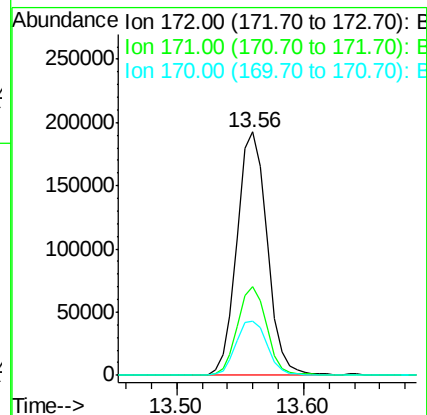
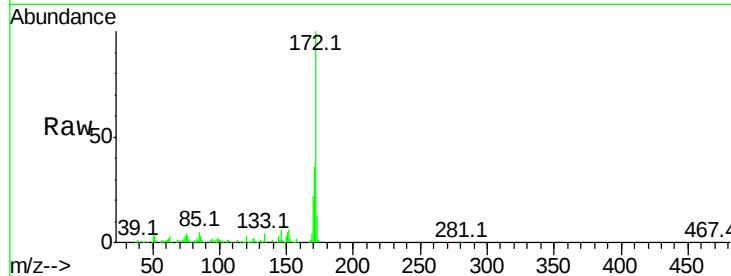




#44
2-Fluorobiphenyl
Concen: 62.284 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028726.D
Acq: 14 Sep 2017 10:42

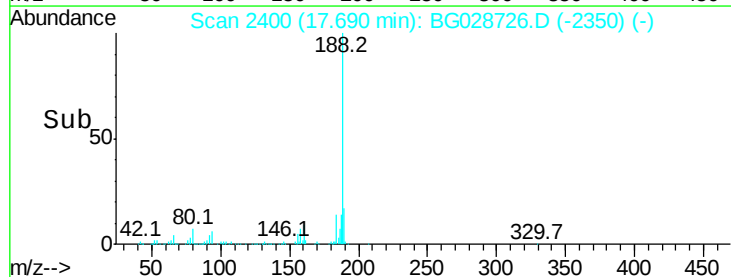
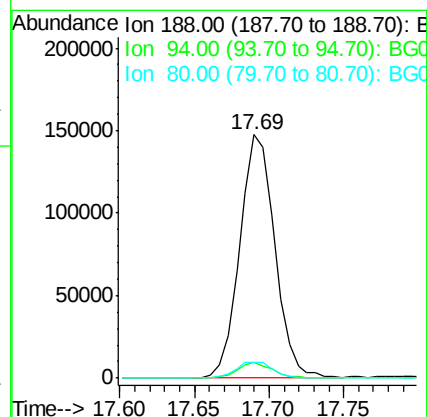
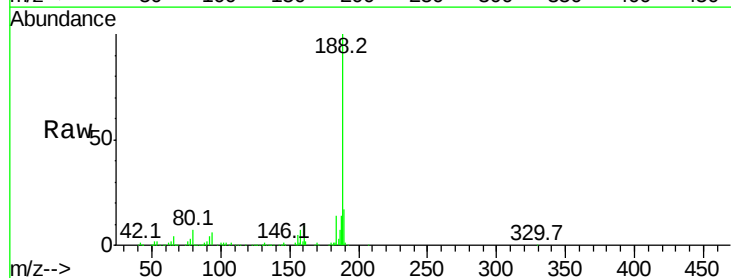
Instrument :
BNA_G
ClientSampleId :
CL-02-091117-A

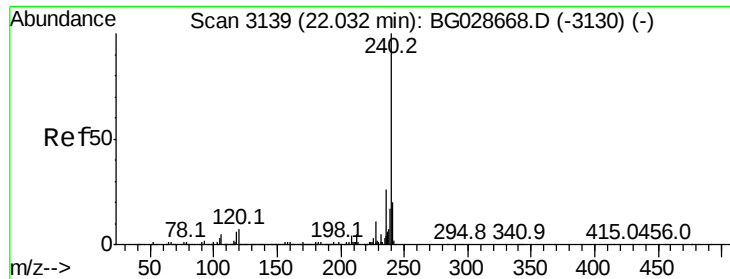
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	22.3	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028726.D
Acq: 14 Sep 2017 10:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	6.7	7.5	11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

Instrument :

BNA_G

ClientSampleId :

CL-02-091117-A

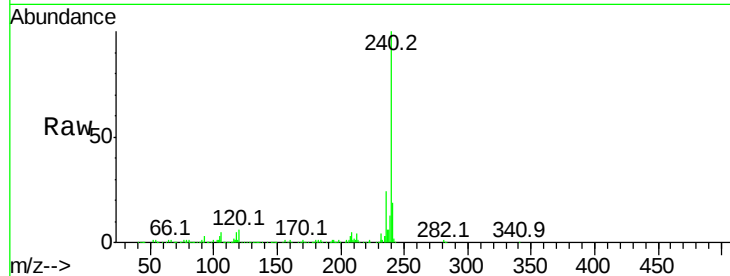
Tot Ion:240 Resp: 283643

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

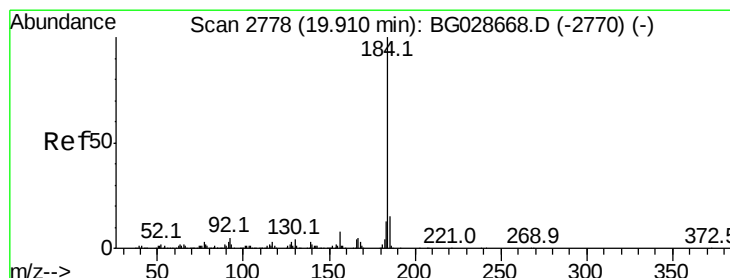
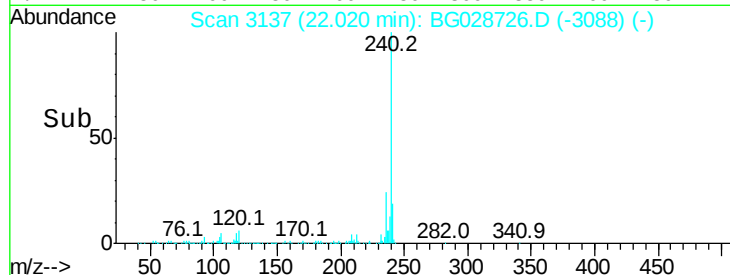
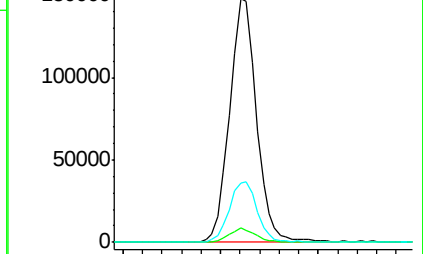
236 24.3 22.2 33.4



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: 9.010 ng

RT: 19.91 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

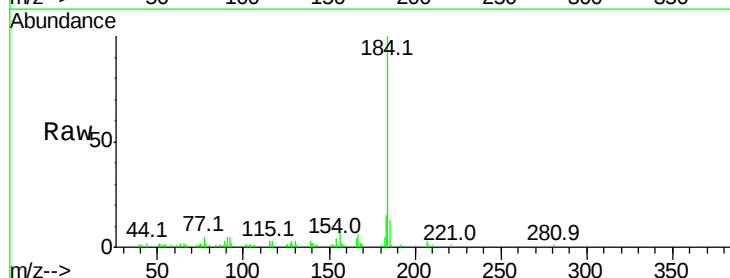
Tgt Ion:184 Resp: 66274

Ion Ratio Lower Upper

184 100

185 13.2 13.0 19.6

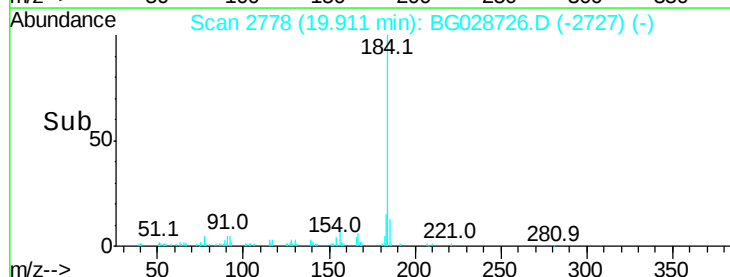
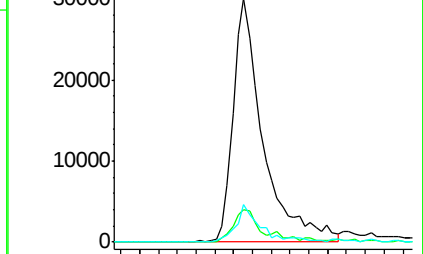
183 15.5 11.0 16.6

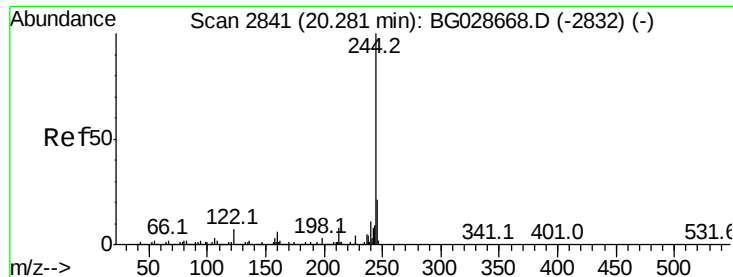


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 71.381 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

Instrument :

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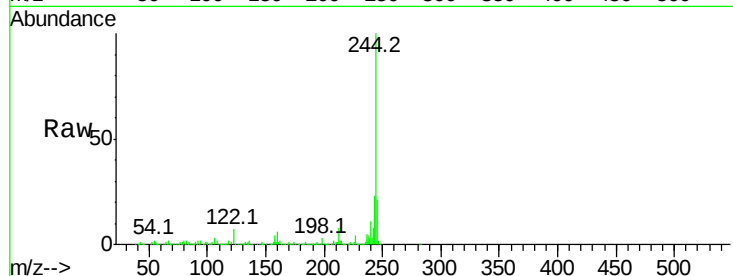
Tot Ion:244 Resp: 949406

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

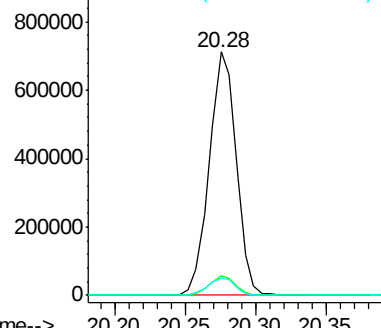
122 7.2 8.6 12.8#



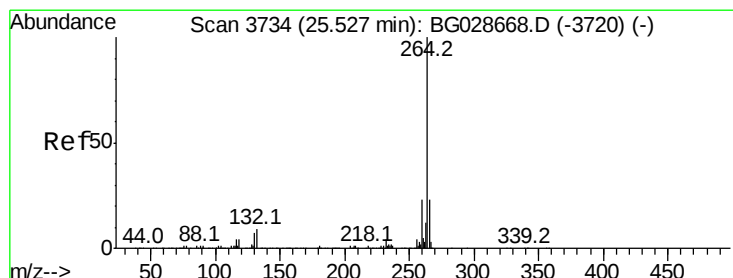
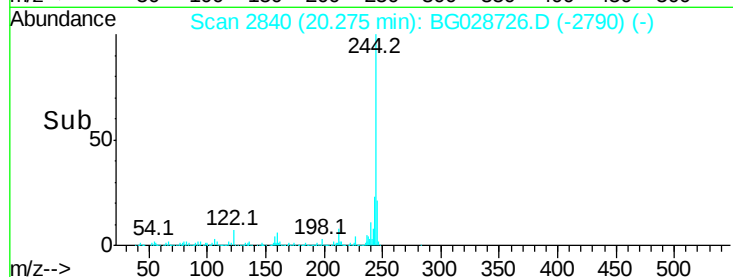
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028726.D

Acq: 14 Sep 2017 10:42

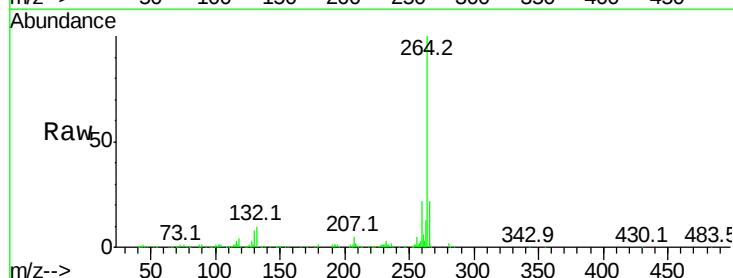
Tgt Ion:264 Resp: 288317

Ion Ratio Lower Upper

264 100

260 22.2 21.8 32.8

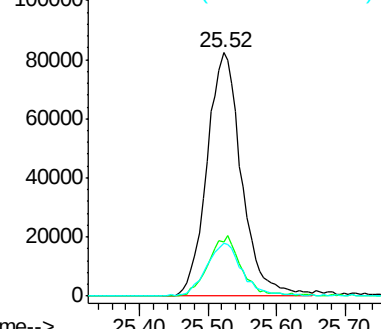
265 21.6 18.2 27.4



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



Time-->

