

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025553.D
 Acq On : 21 Jan 2017 1:24
 Operator : UM/SJ
 Sample : I1347-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMP

Quant Time: Jan 21 04:20:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

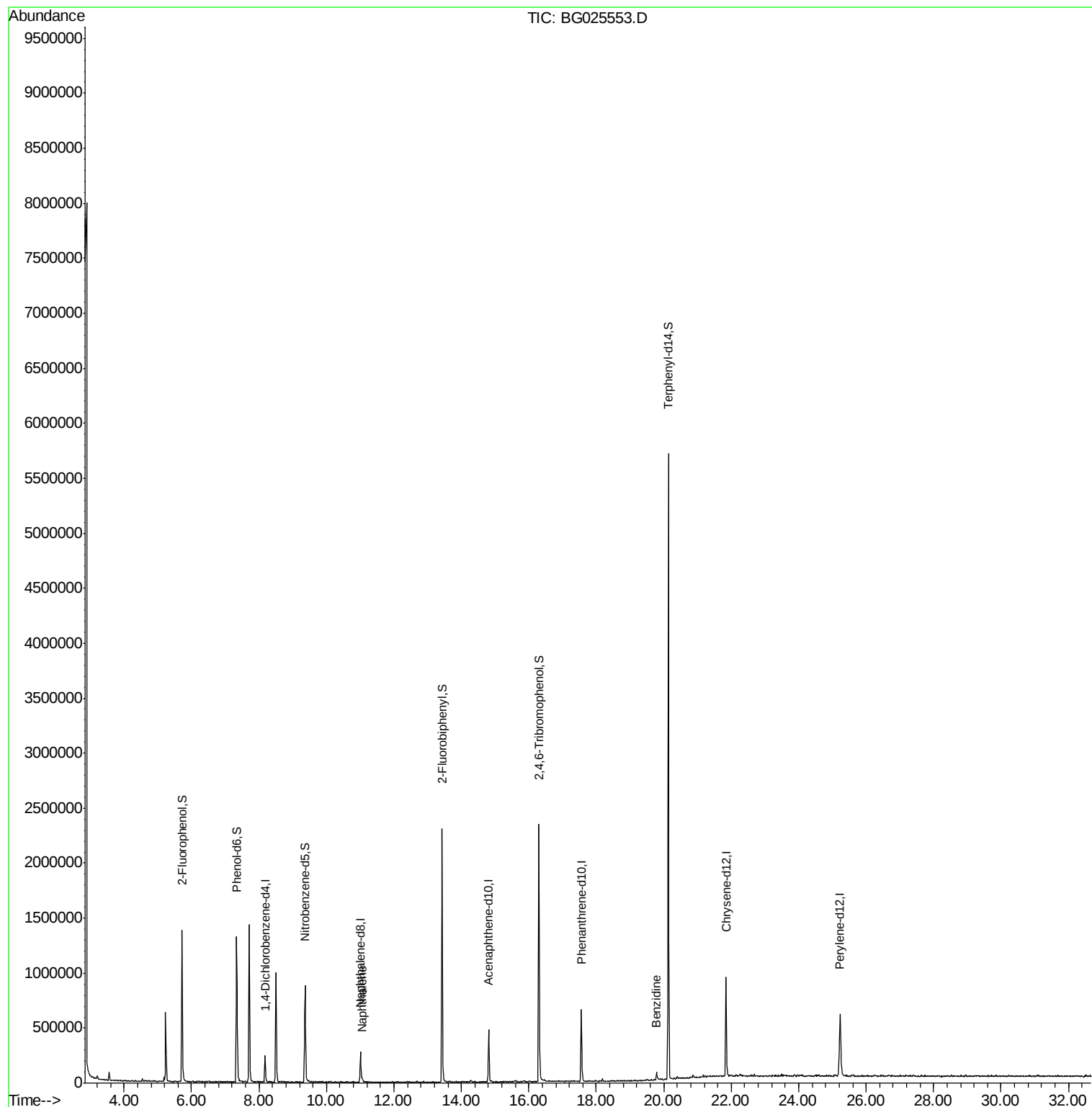
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56908	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	226850	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	182173	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	437552	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	646798	20.00	ng	-0.02
86) Perylene-d12	25.23	264	709432	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	522692	166.95	ng	-0.02
7) Phenol-d6	7.34	99	683624	155.04	ng	-0.02
23) Nitrobenzene-d5	9.36	82	574522	111.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	469735	160.16	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1192767	106.00	ng	-0.02
78) Terphenyl-d14	20.13	244	2456321	100.69	ng	-0.02
Target Compounds						
31) Naphthalene	11.06	128	26436	2.33	ng	Qvalue # 94
76) Benzidine	19.78	184	59122	3.66	ng	95

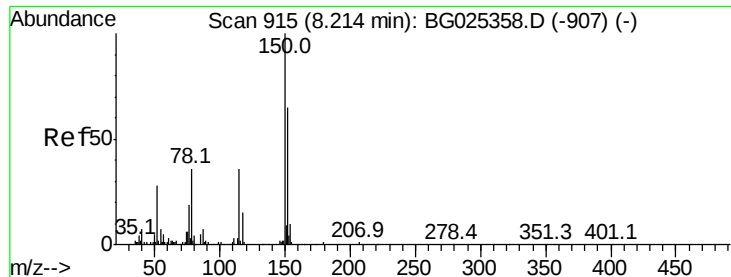
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMP

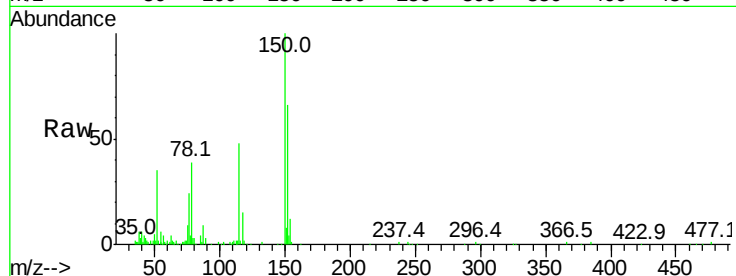
Tot Ion:152 Resp: 56908

Ion Ratio Lower Upper

152 100

150 150.8 114.0 171.0

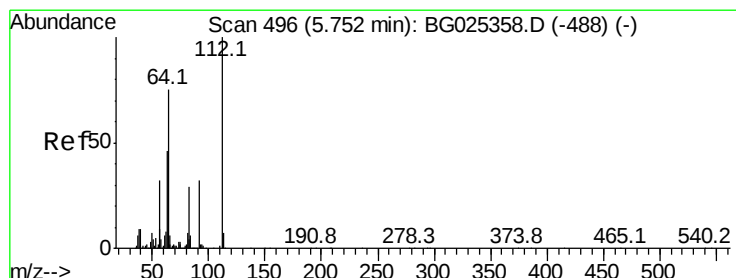
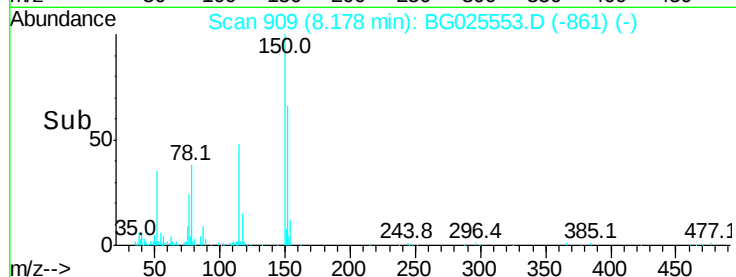
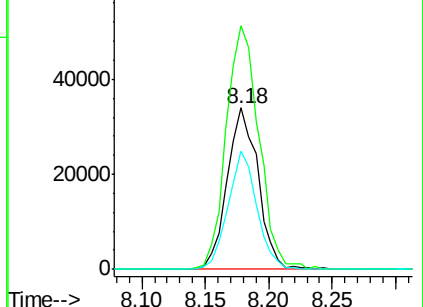
115 73.0 48.1 72.1#



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: 166.95 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

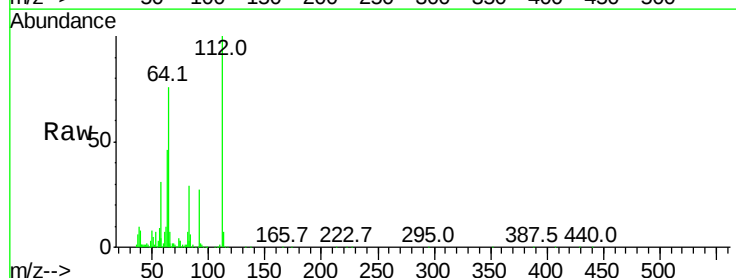
Tgt Ion:112 Resp: 522692

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

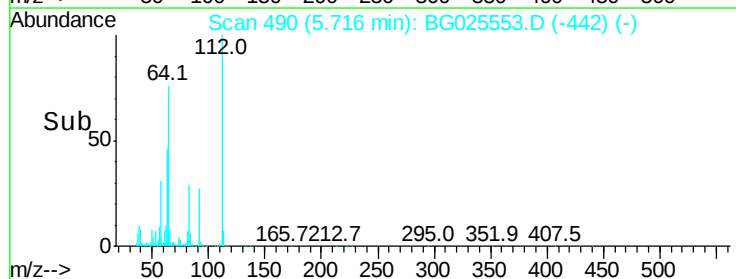
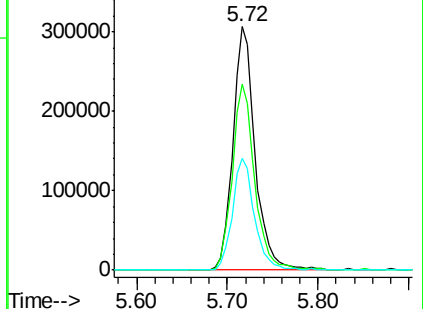
63 45.7 37.2 55.8

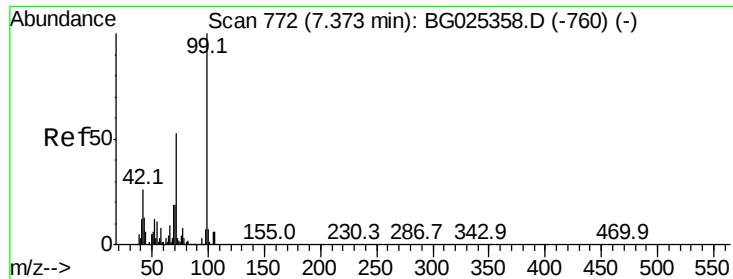


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 155.04 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMP

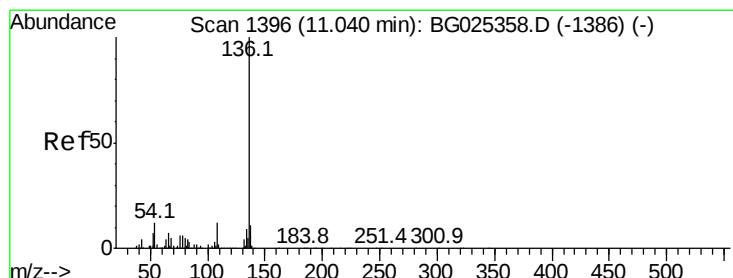
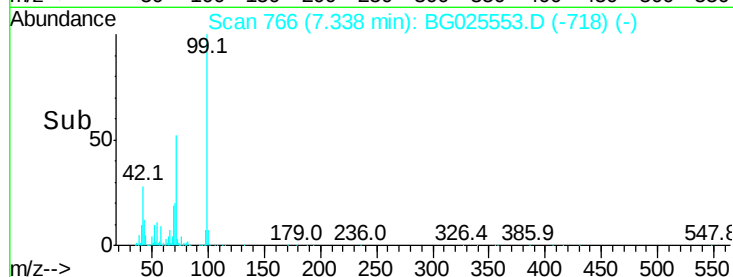
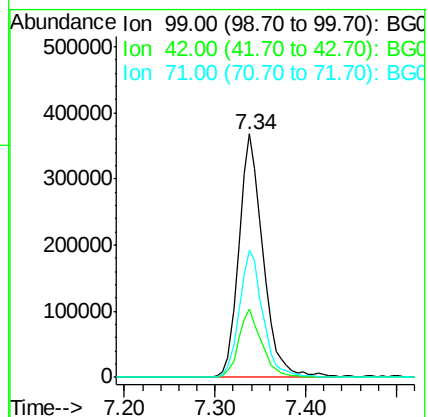
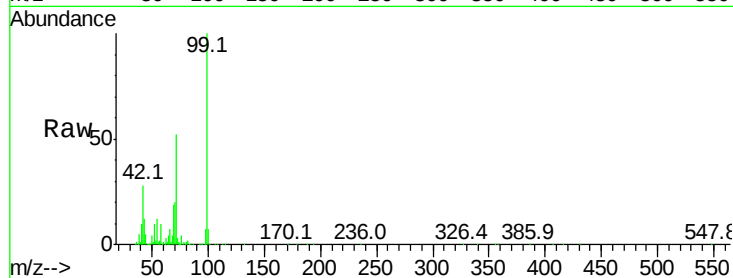
Tot Ion: 99 Resp: 683624

Ion Ratio Lower Upper

99 100

42 28.0 20.5 30.7

71 52.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Tgt Ion: 136 Resp: 226850

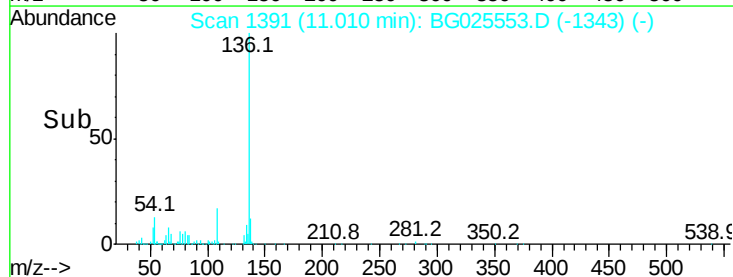
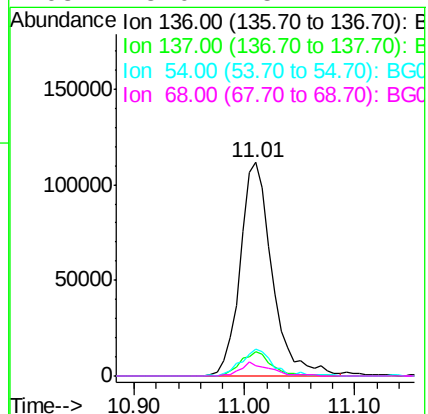
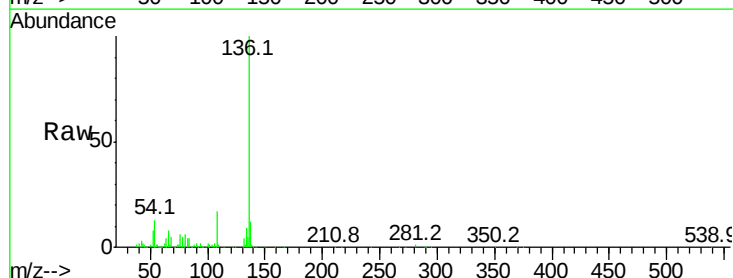
Ion Ratio Lower Upper

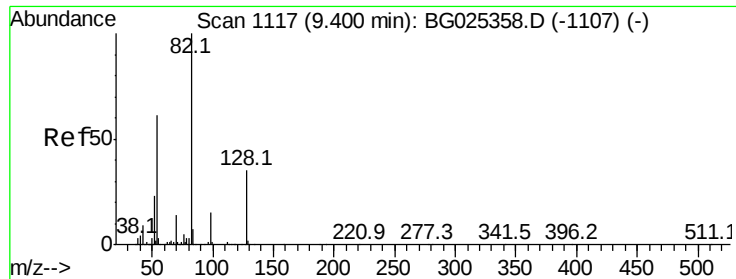
136 100

137 11.7 8.9 13.3

54 12.7 9.3 13.9

68 5.0 5.1 7.7#

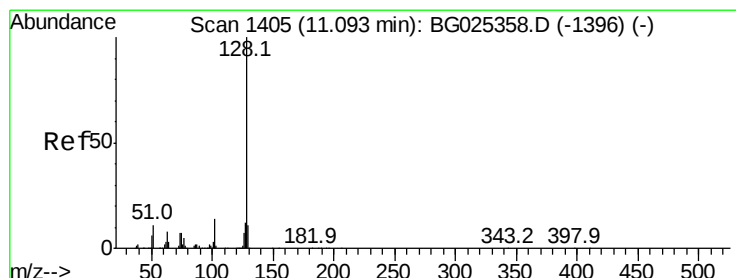
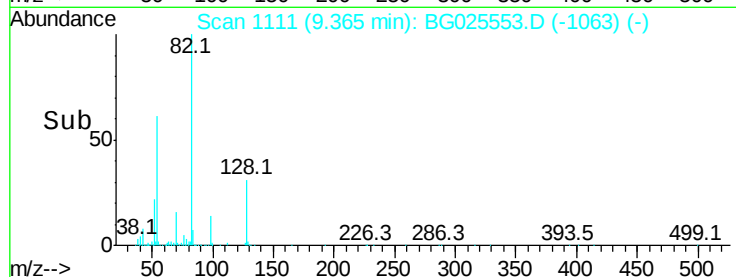
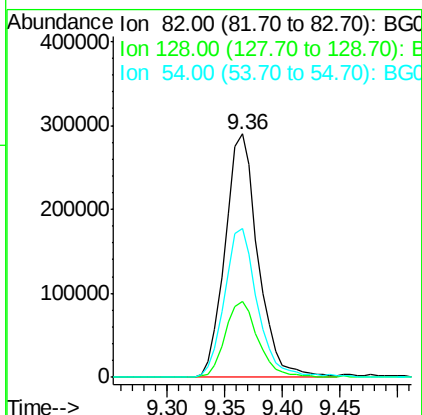
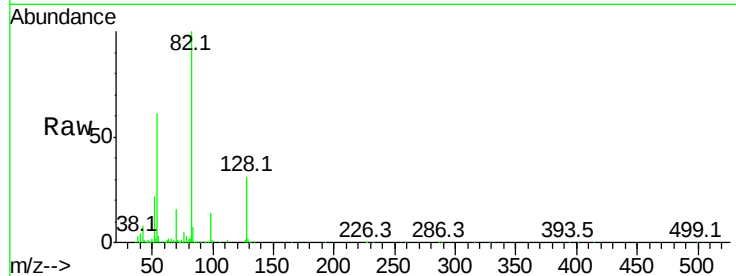




#23
Nitrobenzene-d5
Concen: 111.88 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025553.D
Acq: 21 Jan 2017 1:24

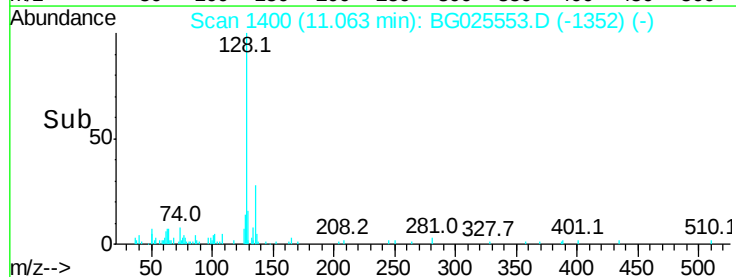
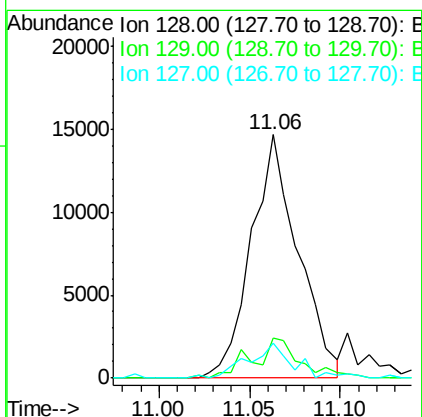
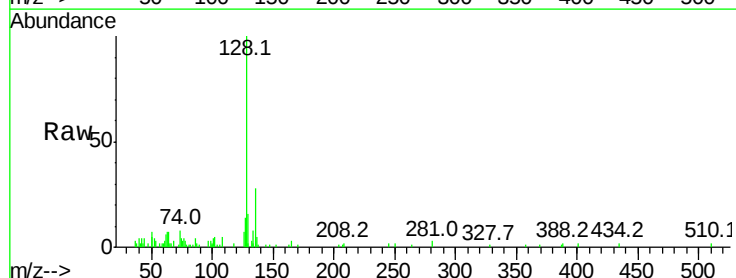
Instrument :
BNA_G
ClientSampleId :
S1-0-3FT-COMP

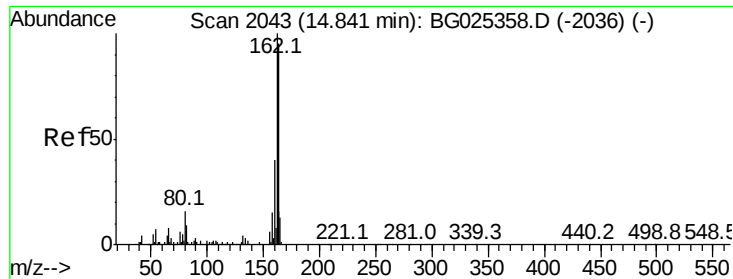
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.0	26.4	39.6
54	61.0	49.4	74.2



#31
Naphthalene
Concen: 2.33 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG025553.D
Acq: 21 Jan 2017 1:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.3	13.9#
127	14.5	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMP

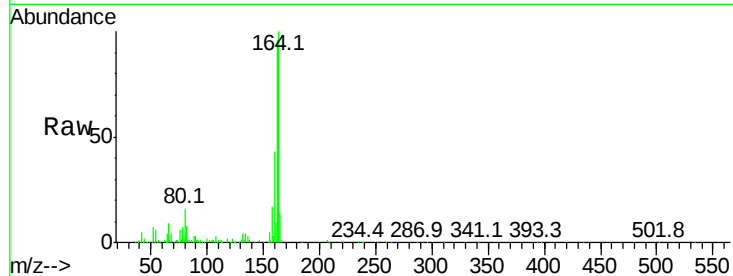
Tot Ion:164 Resp: 182173

Ion Ratio Lower Upper

164 100

162 95.8 85.1 127.7

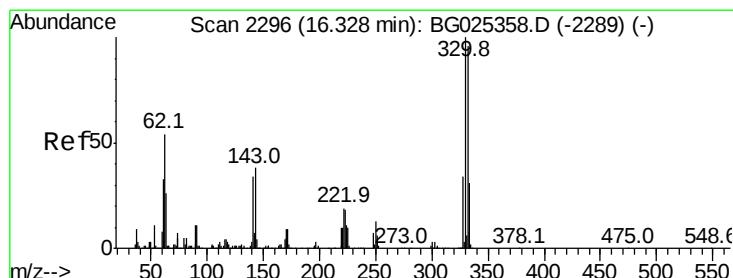
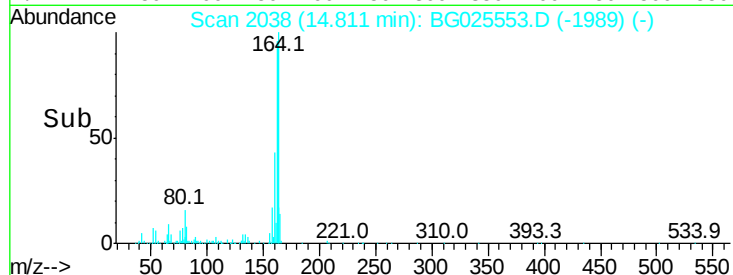
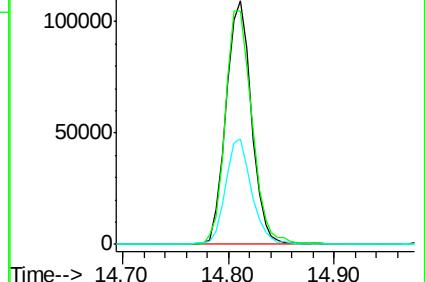
160 43.2 34.7 52.1



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: 160.16 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

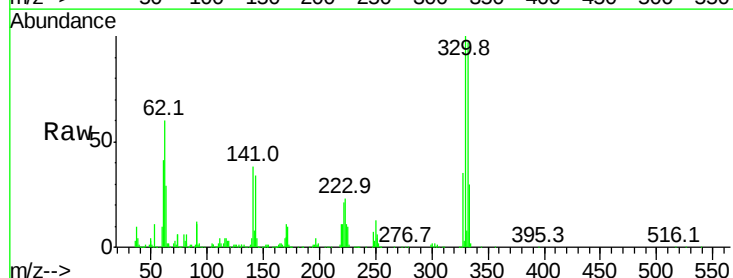
Tgt Ion:330 Resp: 469735

Ion Ratio Lower Upper

330 100

332 98.8 77.3 115.9

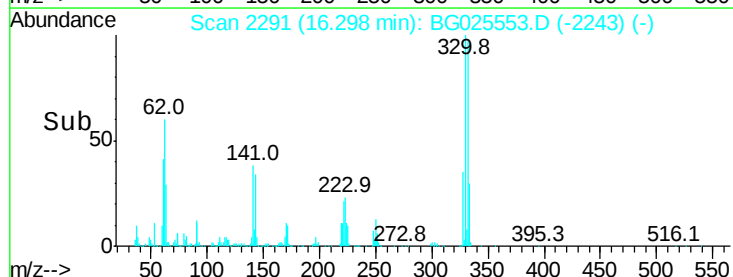
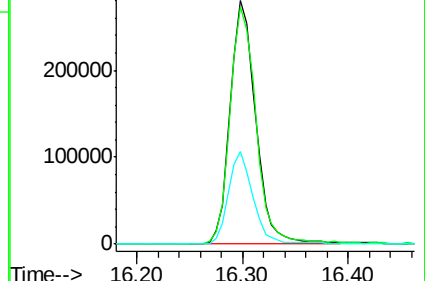
141 36.1 32.1 48.1

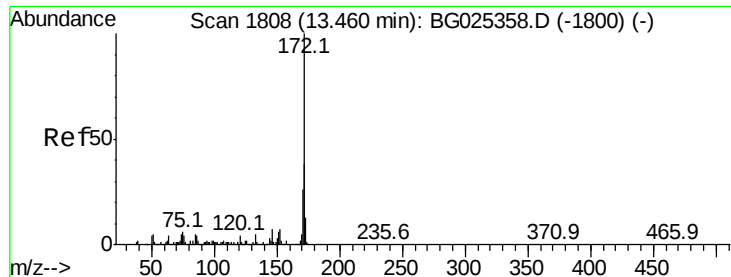


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

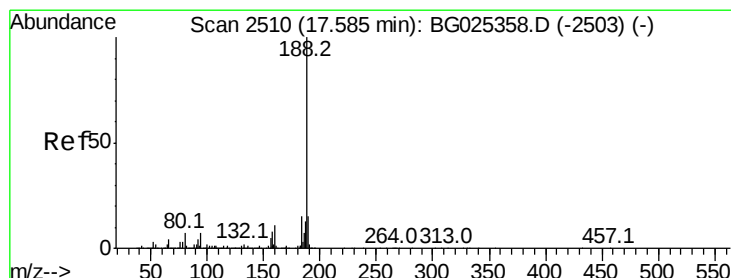
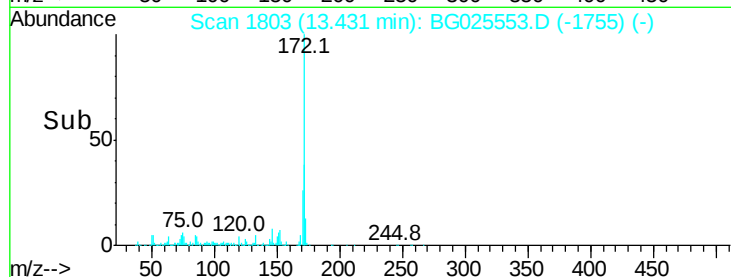
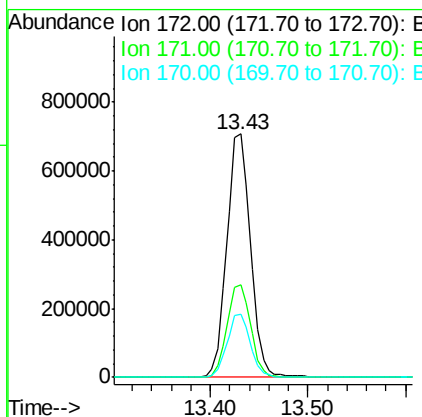
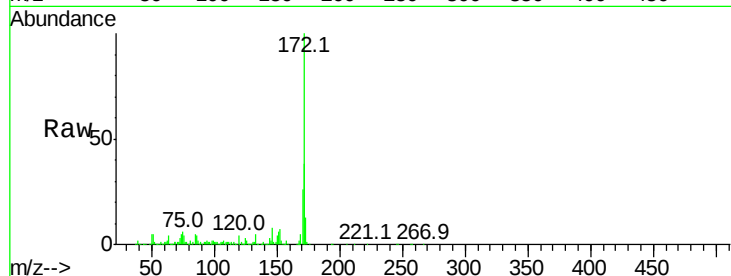




#44
2-Fluorobiphenyl
Concen: 106.00 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025553.D
Acq: 21 Jan 2017 1:24

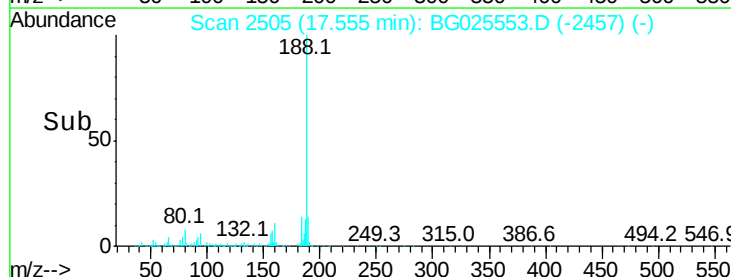
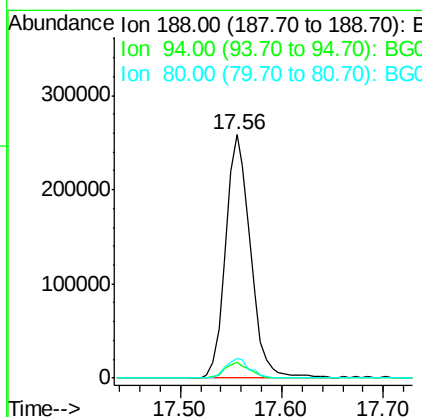
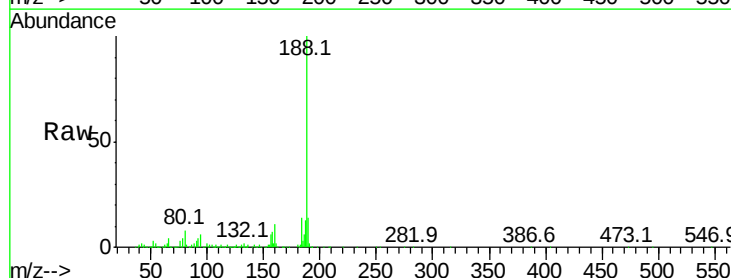
Instrument :
BNA_G
ClientSampleId :
S1-0-3FT-COMP

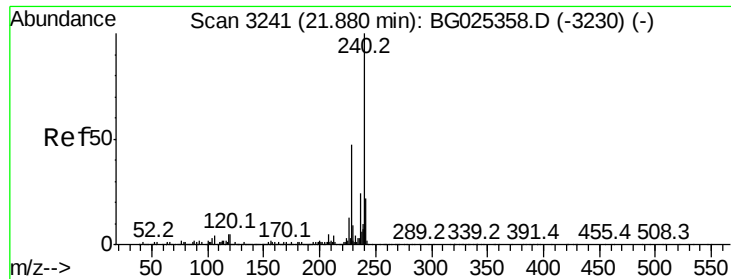
Tot Ion:172 Resp: 1192767
Ion Ratio Lower Upper
172 100
171 38.1 32.2 48.2
170 26.0 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025553.D
Acq: 21 Jan 2017 1:24

Tgt Ion:188 Resp: 437552
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 8.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMP

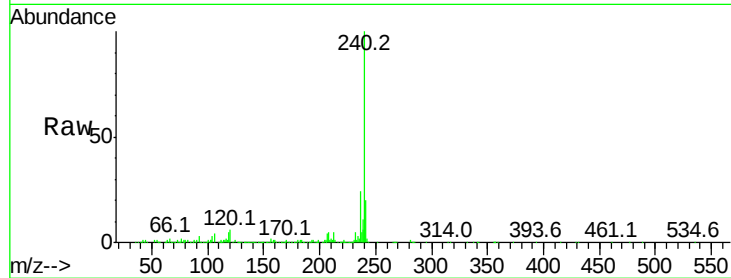
Tot Ion:240 Resp: 646798

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

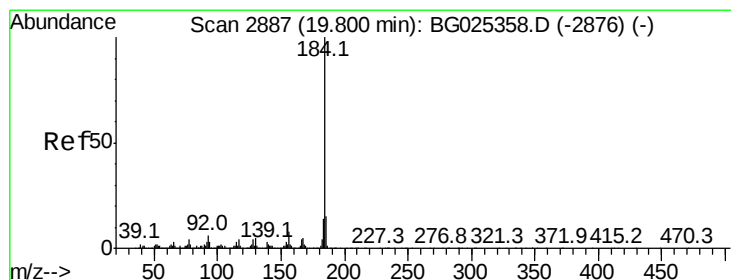
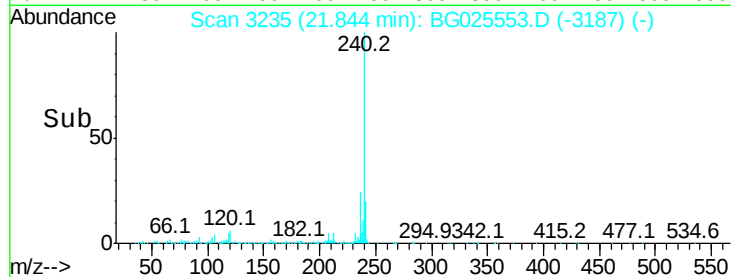
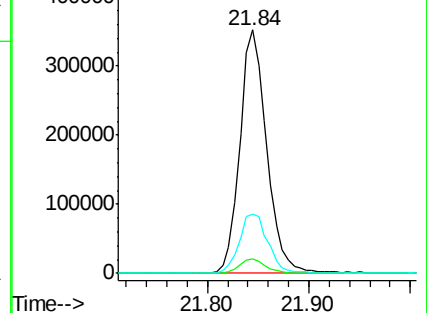
236 24.3 22.2 33.4



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: 3.66 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

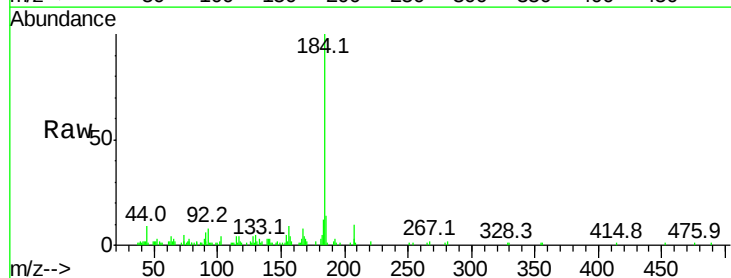
Tgt Ion:184 Resp: 59122

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

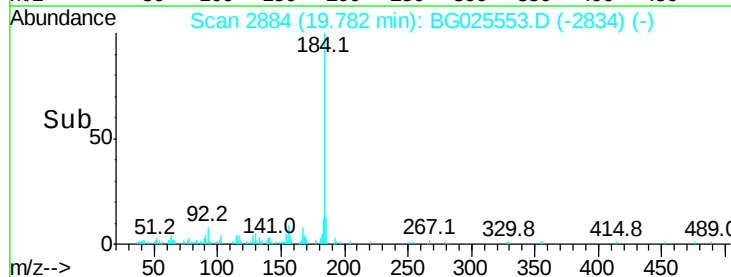
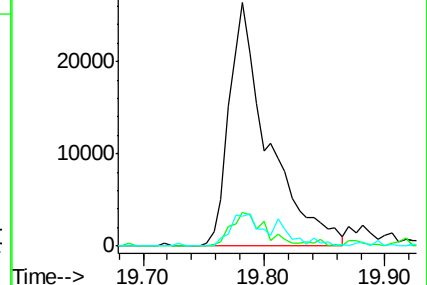
183 12.3 11.0 16.6

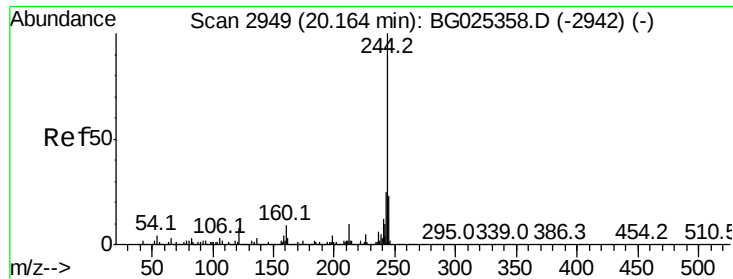


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 100.69 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMP

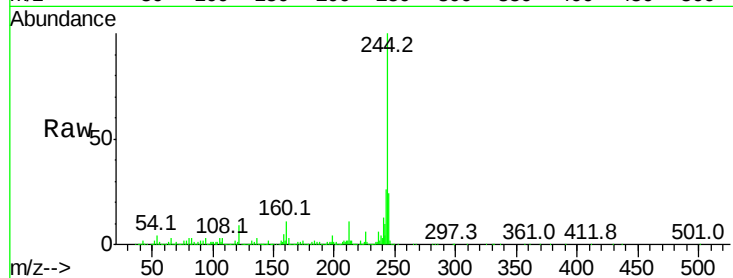
Tot Ion:244 Resp: 2456321

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	9.1	8.6	12.8

244 100

212 10.9 10.0 15.0

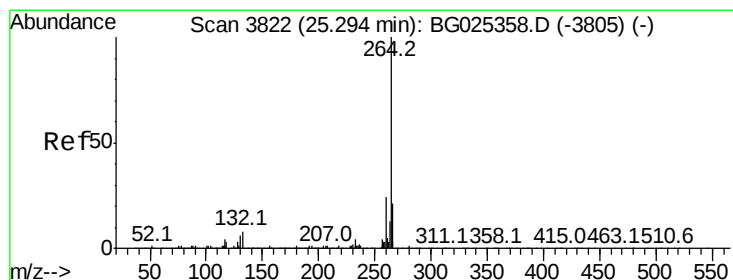
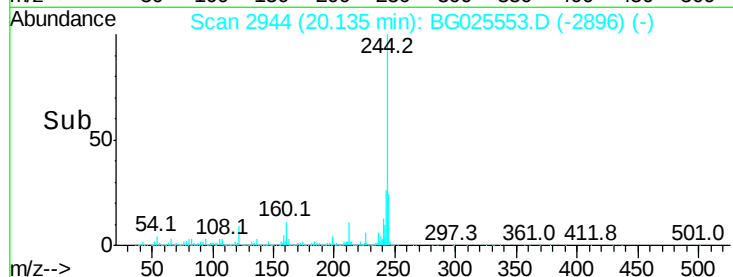
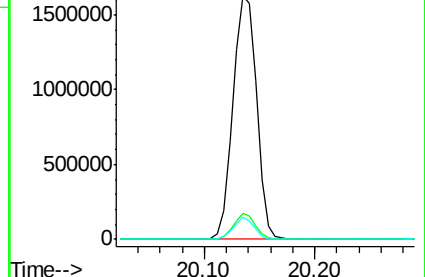
122 9.1 8.6 12.8



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: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025553.D

Acq: 21 Jan 2017 1:24

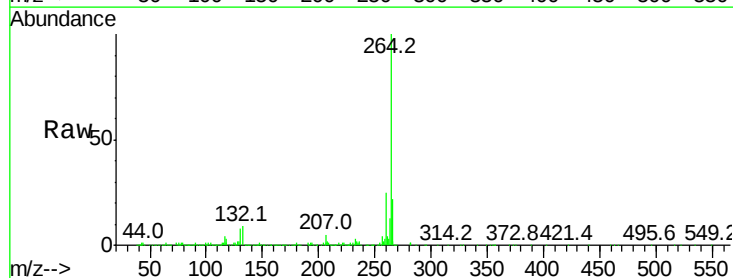
Tgt Ion:264 Resp: 709432

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	21.9	18.2	27.4

264 100

260 25.4 21.8 32.8

265 21.9 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

