

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028702.D
 Acq On : 13 Sep 2017 17:25
 Operator : SJ/JU
 Sample : I5187-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170584-SITEWATER

Quant Time: Sep 14 08:39:44 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

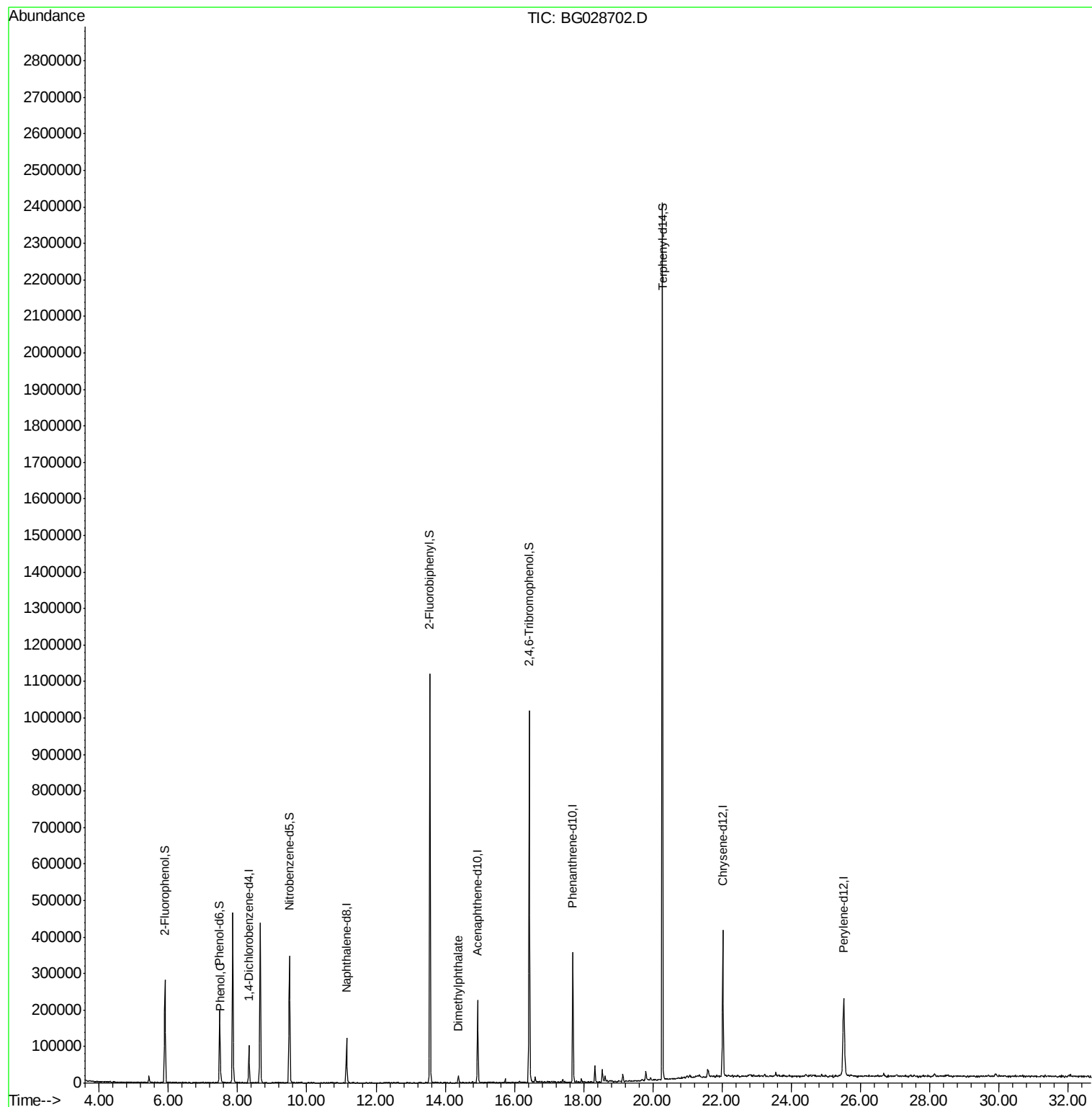
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	27625	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	111709	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	82864	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	230610	20.00	ng	0.00
75) Chrysene-d12	22.02	240	275099	20.00	ng	0.00
86) Perylene-d12	25.52	264	286601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	122458	73.14	ng	0.00
7) Phenol-d6	7.48	99	118378	46.96	ng	0.00
23) Nitrobenzene-d5	9.50	82	227666	97.49	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	220495	160.88	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	609354	98.06	ng	0.00
78) Terphenyl-d14	20.28	244	1153503	89.42	ng	0.00
Target Compounds						
10) Phenol	7.51	94	8384	3.152	ng	91
49) Dimethylphthalate	14.38	163	15411	2.218	ng	97

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

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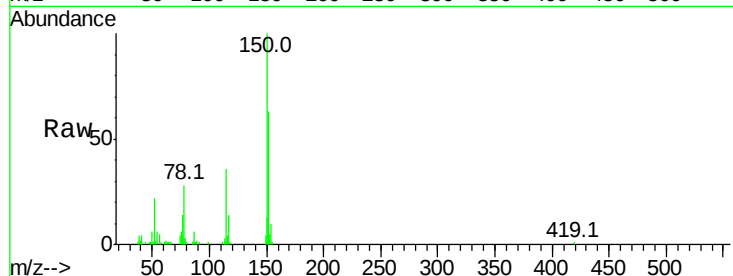


#1

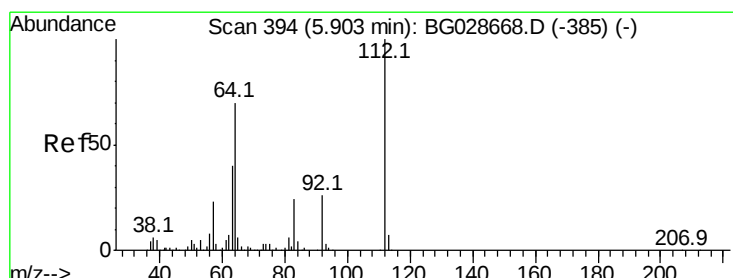
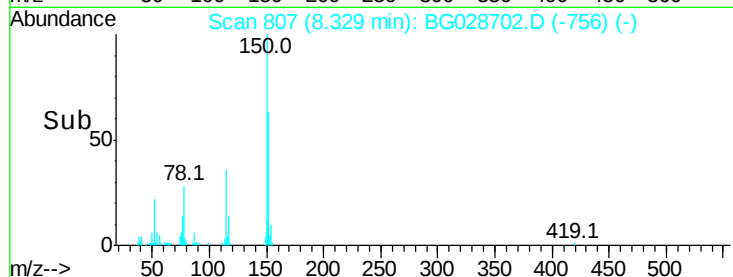
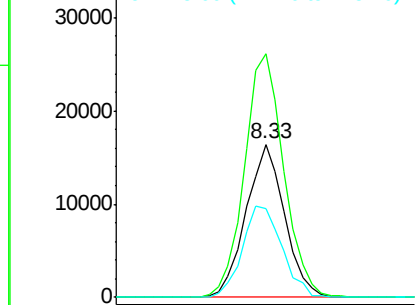
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

Instrument :
BNA_G
ClientSampleId :
20170584-SITEWATER

Tot Ion:152 Resp: 27625
Ion Ratio Lower Upper
152 100
150 159.1 114.0 171.0
115 57.6 48.1 72.1



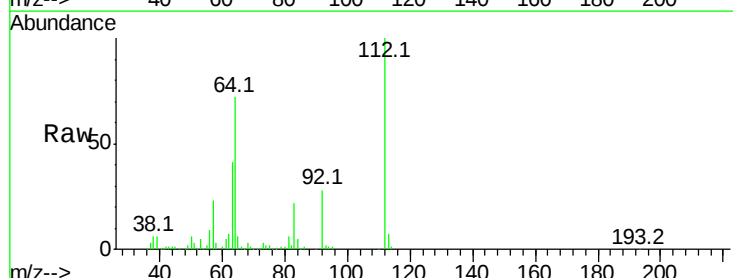
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



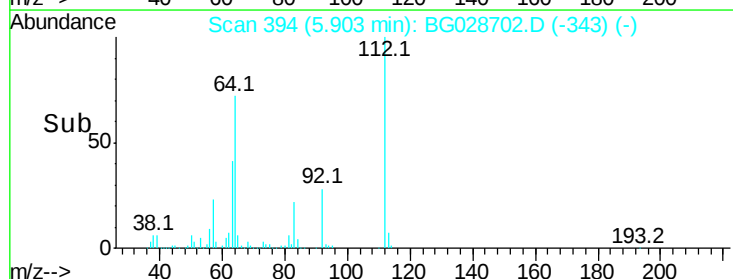
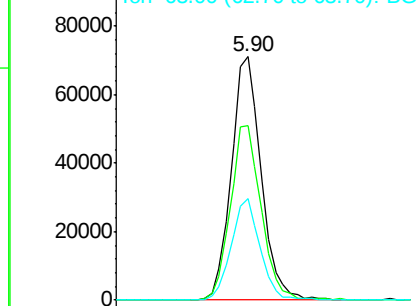
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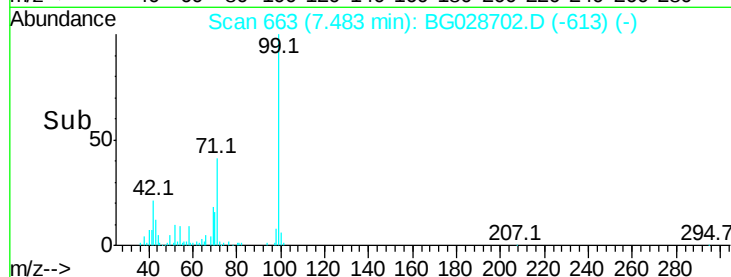
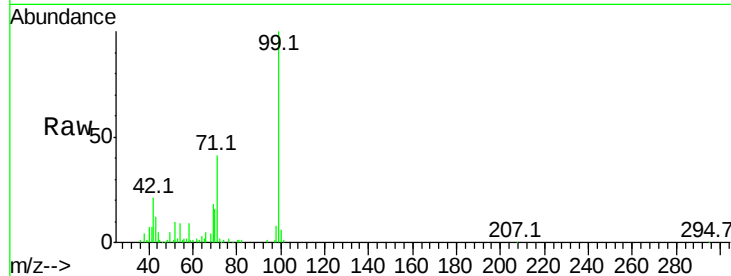
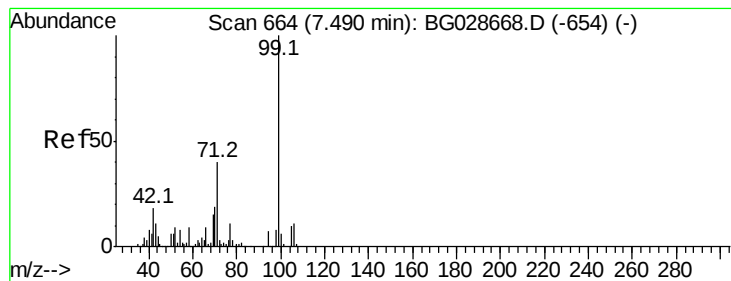
2-Fluorophenol
Concen: 73.145 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

Tgt Ion:112 Resp: 122458
Ion Ratio Lower Upper
112 100
64 71.7 61.8 92.6
63 41.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 46.962 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

Instrument :

BNA_G

ClientSampleId :

20170584-SITEWATER

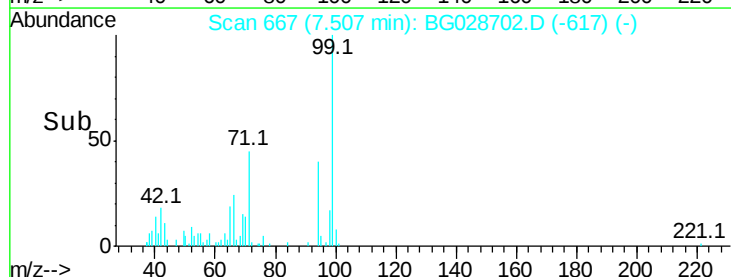
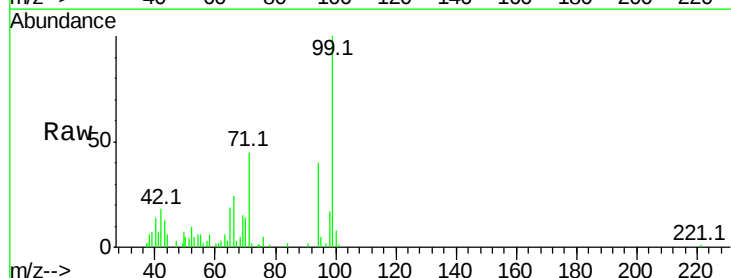
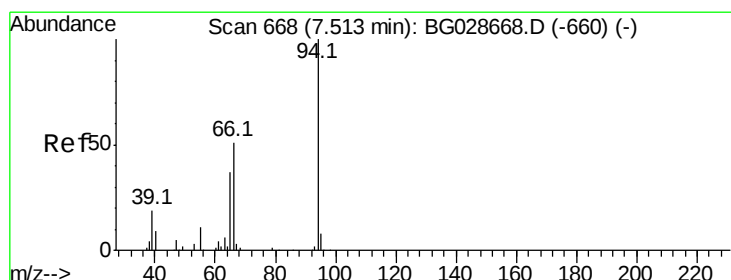
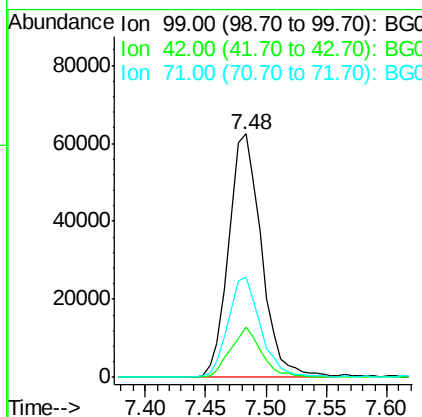
Tot Ion: 99 Resp: 118378

Ion Ratio Lower Upper

99 100

42 20.6 20.5 30.7

71 41.0 37.6 56.4



#10

Phenol

Concen: 3.152 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

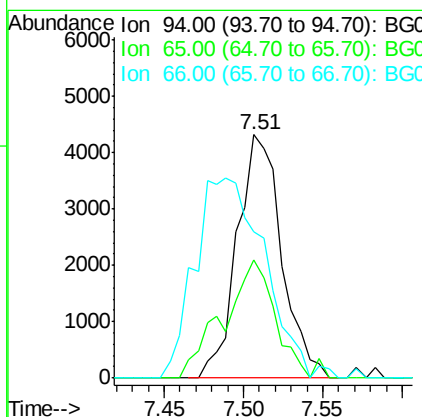
Tgt Ion: 94 Resp: 8384

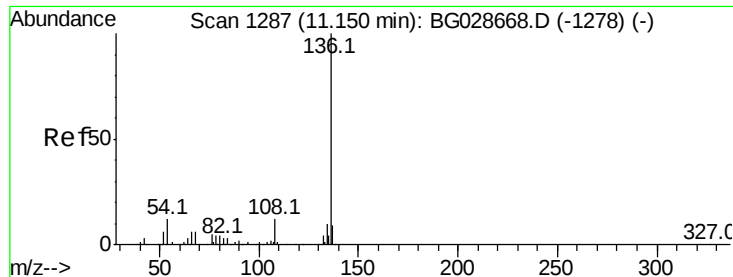
Ion Ratio Lower Upper

94 100

65 48.3 20.6 60.6

66 59.9 35.5 75.5

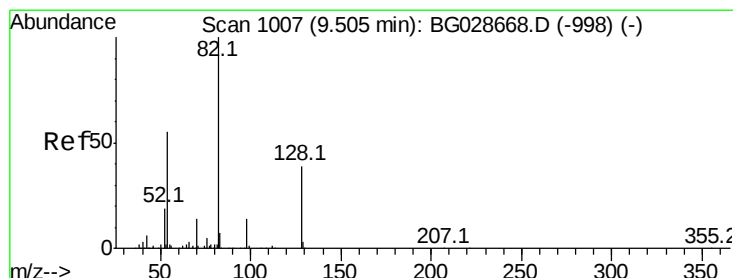
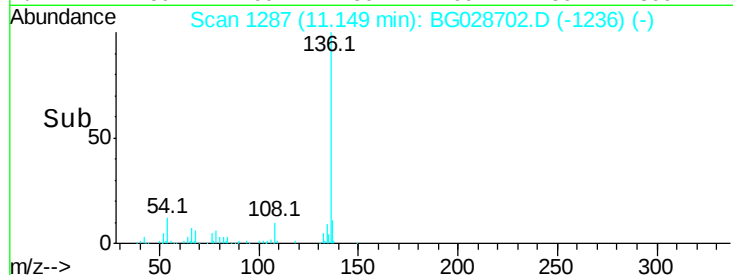
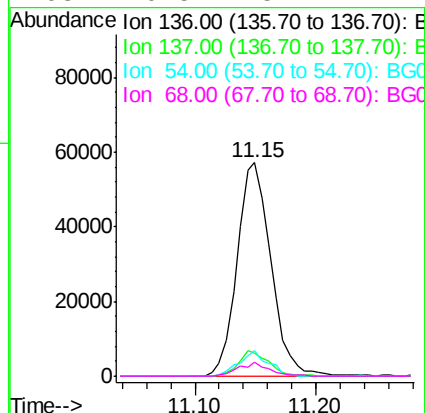
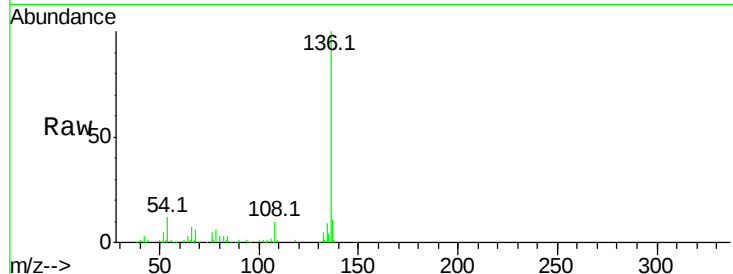




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

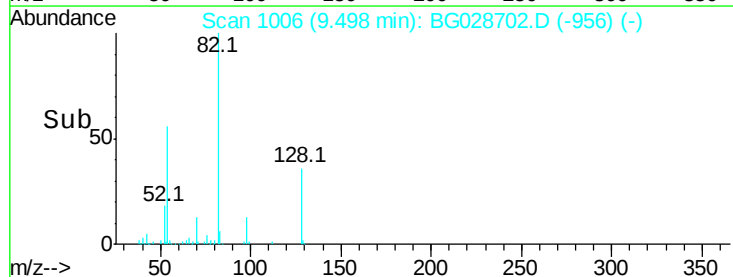
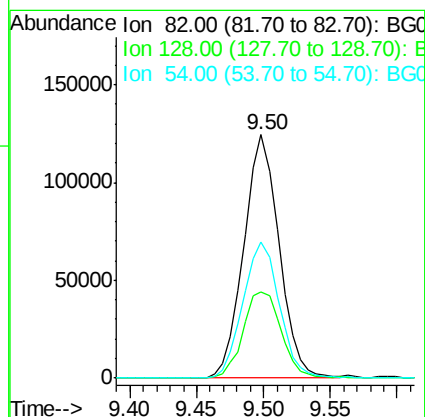
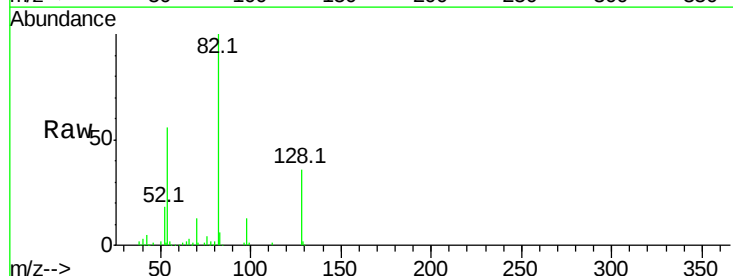
Instrument :
BNA_G
ClientSampleId :
20170584-SITEWATER

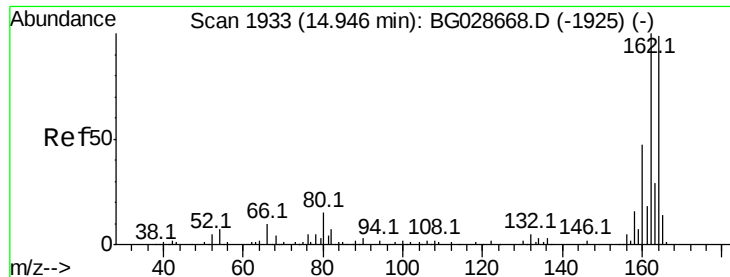
Tot Ion:	136	Resp:	111709
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	11.8	9.3	13.9
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 97.494 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

Tgt Ion:	82	Resp:	227666
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.4	39.6
54	55.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

Instrument :

BNA_G

ClientSampleId :

20170584-SITEWATER

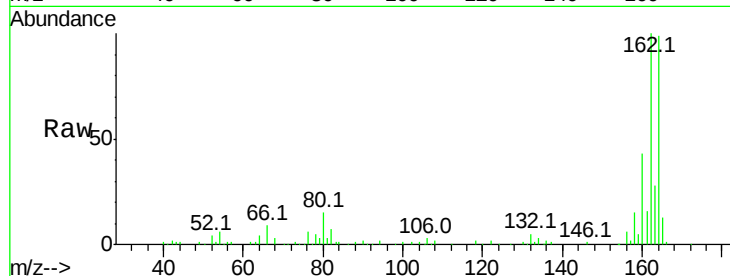
Tot Ion:164 Resp: 82864

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

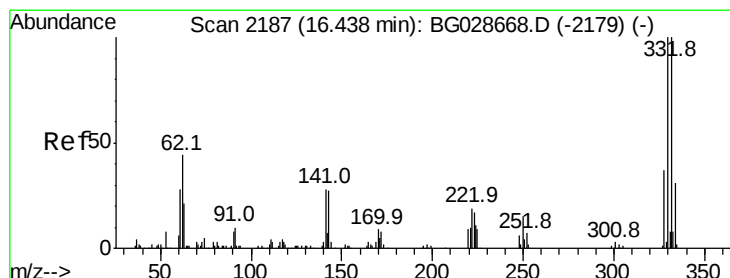
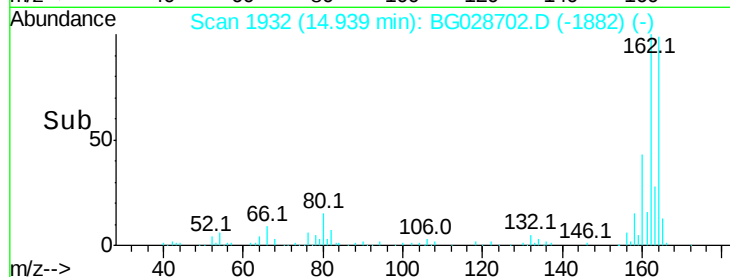
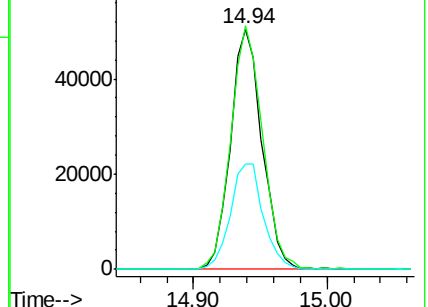
160 43.8 34.7 52.1



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: 160.884 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

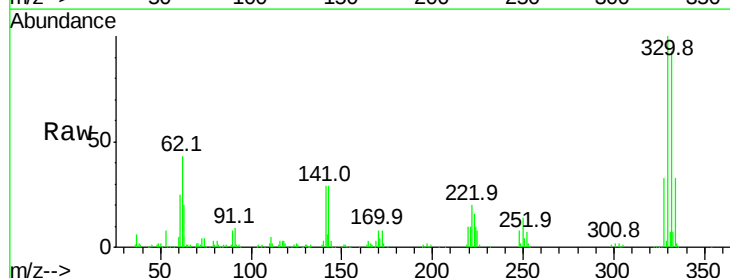
Tgt Ion:330 Resp: 220495

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

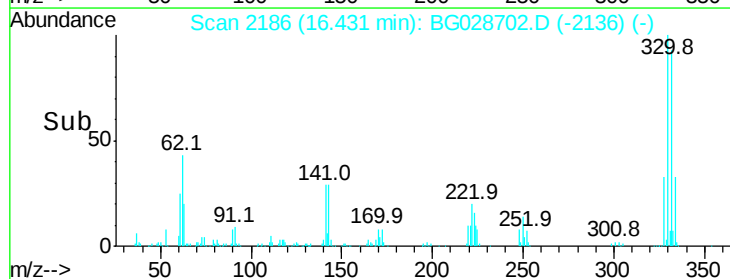
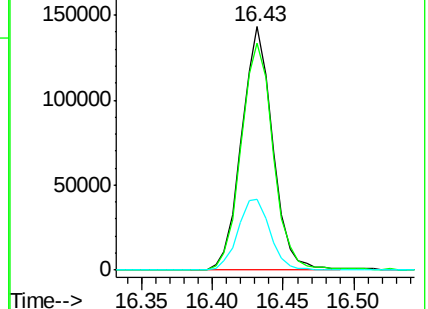
141 30.7 32.1 48.1#

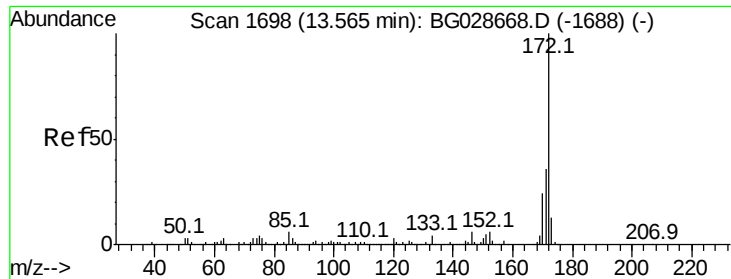


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

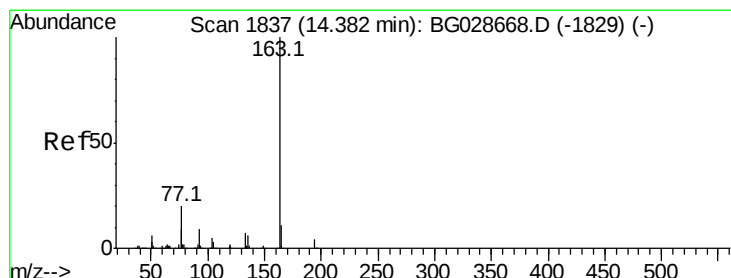
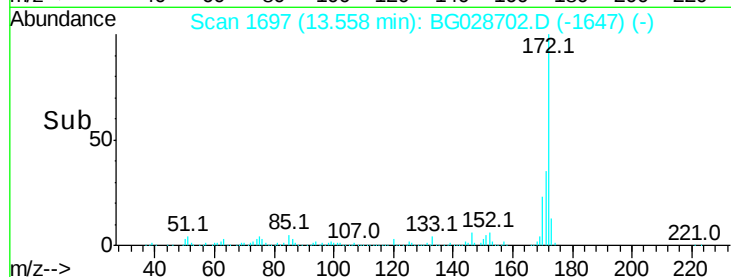
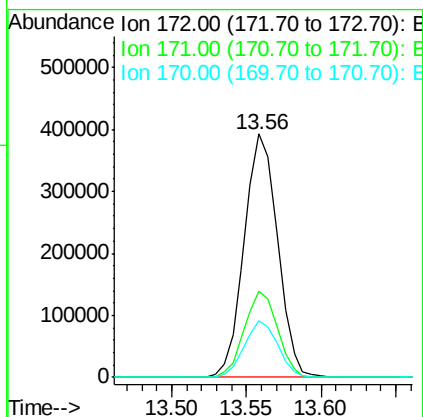
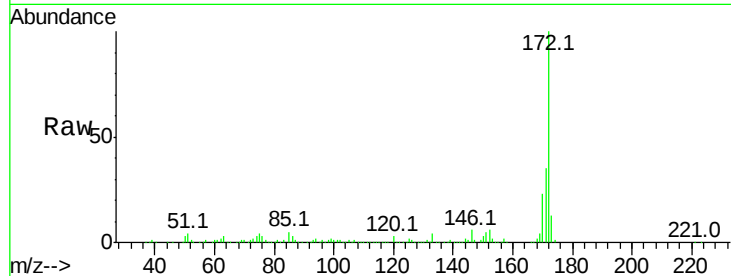




#44
2-Fluorobiphenyl
Concen: 98.055 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

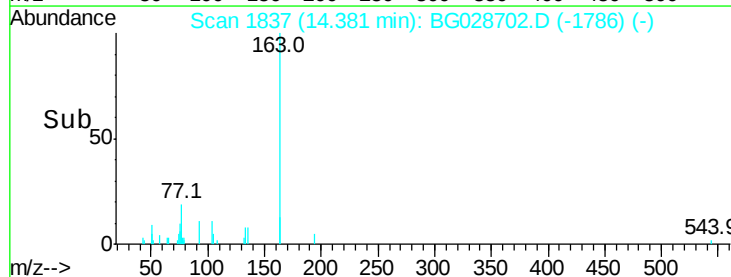
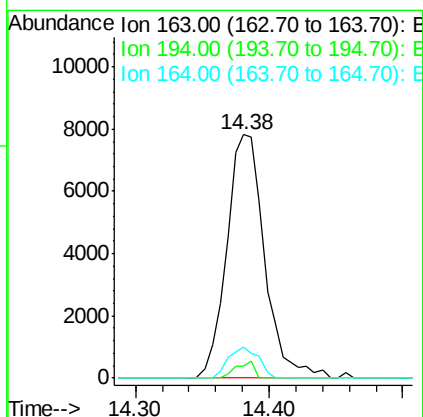
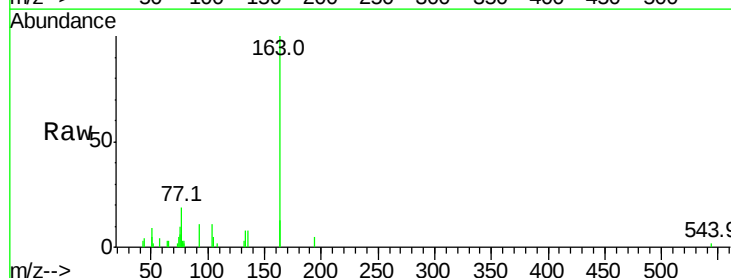
Instrument :
BNA_G
ClientSampleId :
20170584-SITEWATER

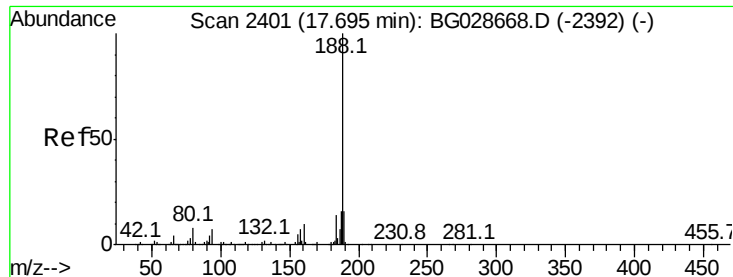
Tot Ion:172 Resp: 609354
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 23.4 21.8 32.6



#49
Dimethylphthalate
Concen: 2.218 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028702.D
Acq: 13 Sep 2017 17:25

Tgt Ion:163 Resp: 15411
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 13.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

Instrument :

BNA_G

ClientSampleId :

20170584-SITEWATER

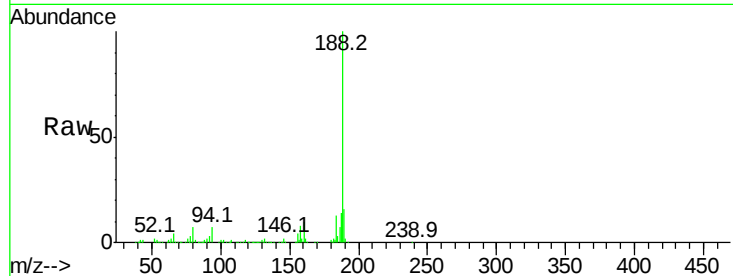
Tot Ion:188 Resp: 230610

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

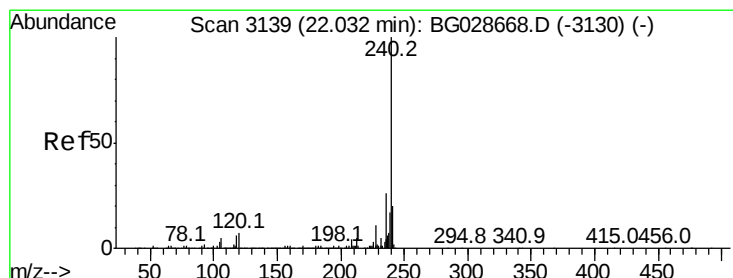
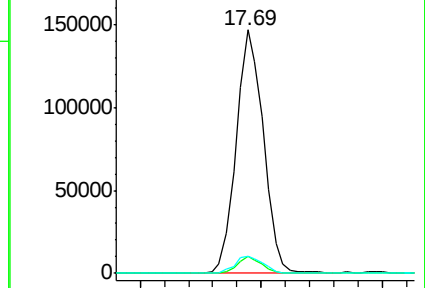
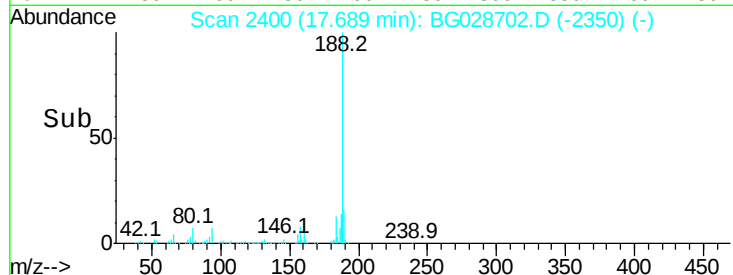
80 7.1 7.5 11.3#



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: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

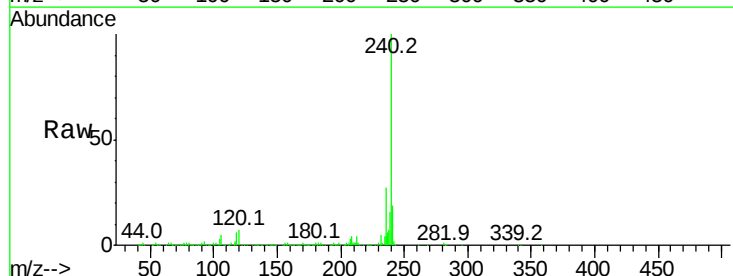
Tgt Ion:240 Resp: 275099

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

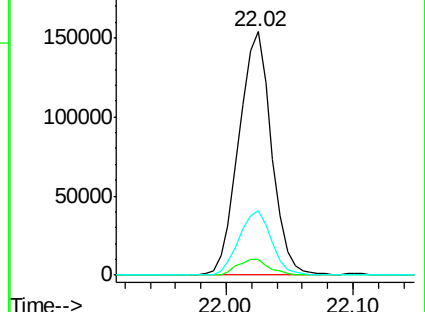
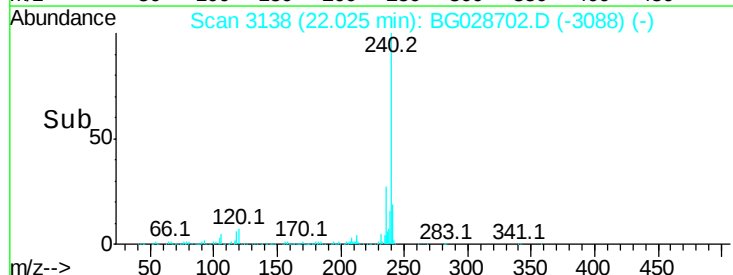
236 26.7 22.2 33.4

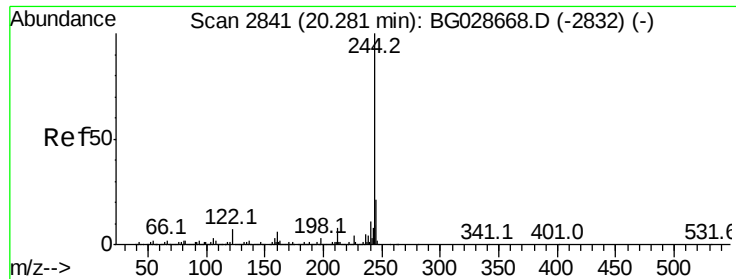


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.419 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

Instrument :

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ClientSampleId :

20170584-SITEWATER

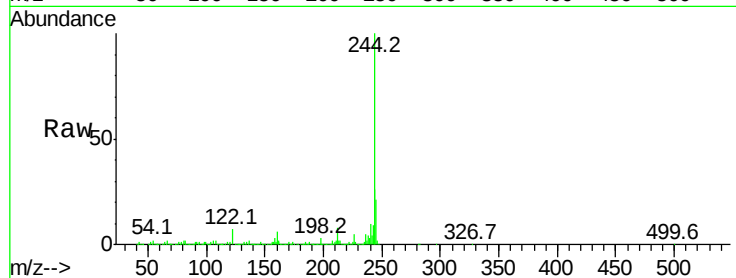
Tot Ion:244 Resp: 1153503

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

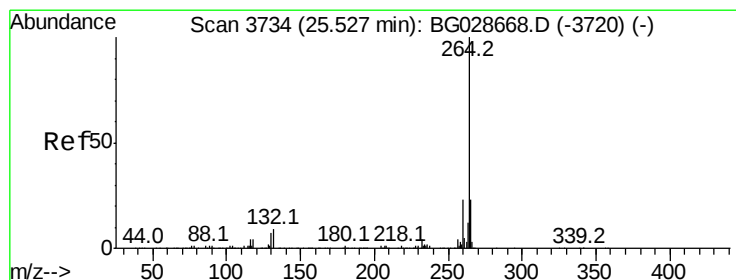
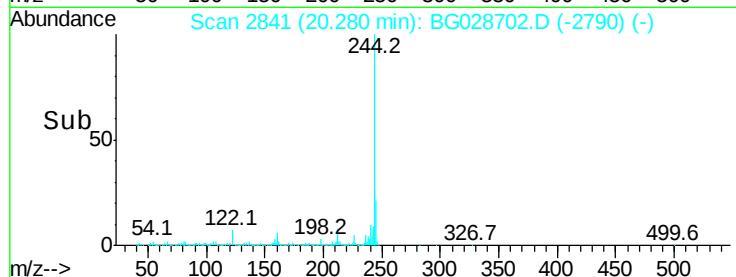
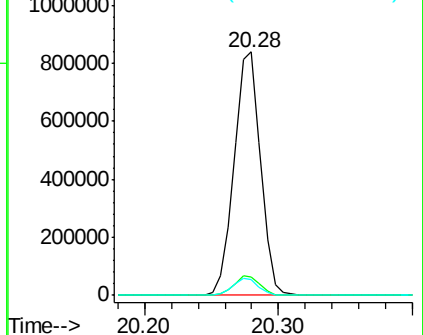
122 6.5 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028702.D

Acq: 13 Sep 2017 17:25

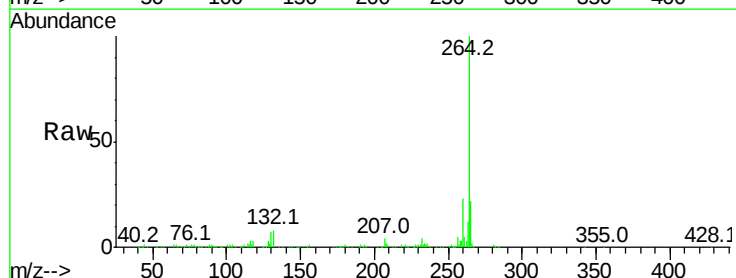
Tgt Ion:264 Resp: 286601

Ion Ratio Lower Upper

264 100

260 23.1 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

