

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031406.D
 Acq On : 7 Dec 2017 19:48
 Operator : SJ/JU
 Sample : I6765-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006B

Quant Time: Dec 08 02:51:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

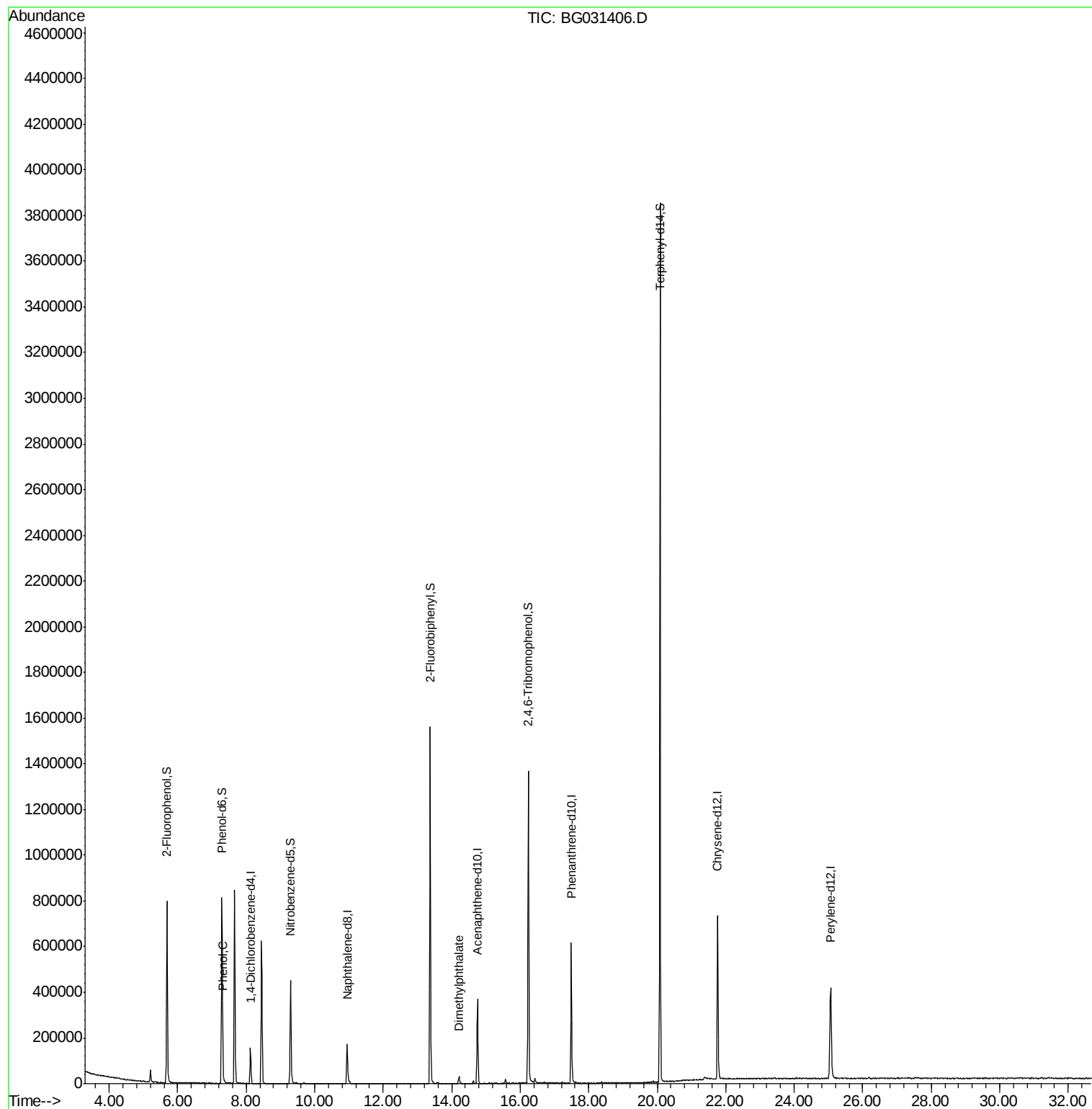
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45961	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	199350	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	145696	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	434027	20.00	ng	0.00
75) Chrysene-d12	21.77	240	504968	20.00	ng	0.00
86) Perylene-d12	25.06	264	477283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	395219	147.45	ng	0.00
7) Phenol-d6	7.29	99	525720	145.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	311276	92.53	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	292399	124.06	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	913038	90.05	ng	0.00
78) Terphenyl-d14	20.08	244	1864403	81.53	ng	0.00
Target Compounds						
10) Phenol	7.32	94	20754	5.534	ng	92
49) Dimethylphthalate	14.21	163	36332	2.884	ng	# 96

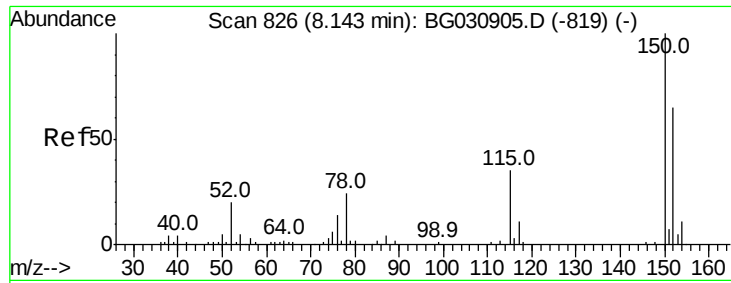
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
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ClientSampleId :
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Quant Time: Dec 08 02:51:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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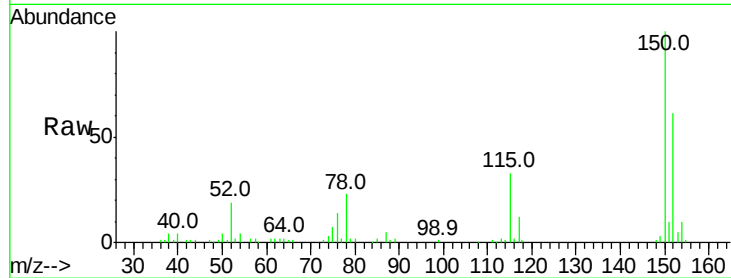


#1

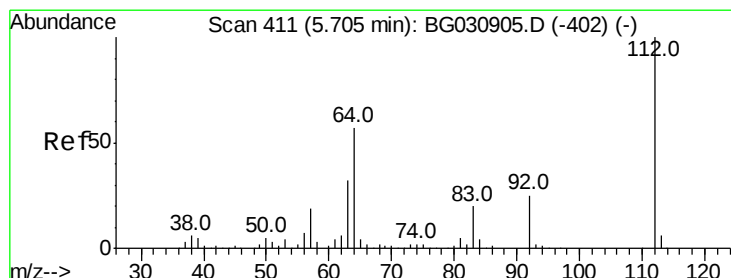
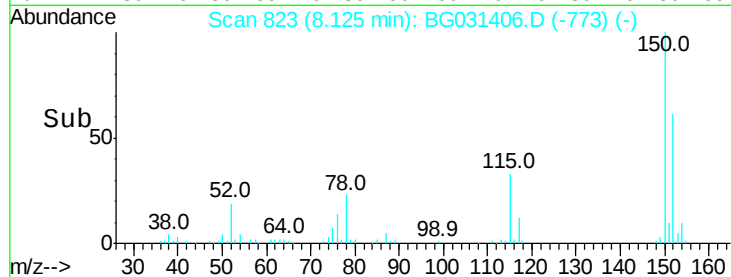
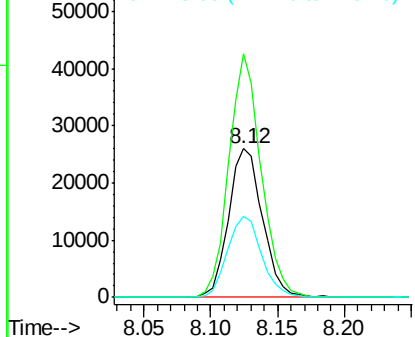
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG031406.D
 Acq: 7 Dec 2017 19:48

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006B

Tot Ion:152 Resp: 45961
 Ion Ratio Lower Upper
 152 100
 150 164.2 126.6 189.8
 115 54.8 53.0 79.4



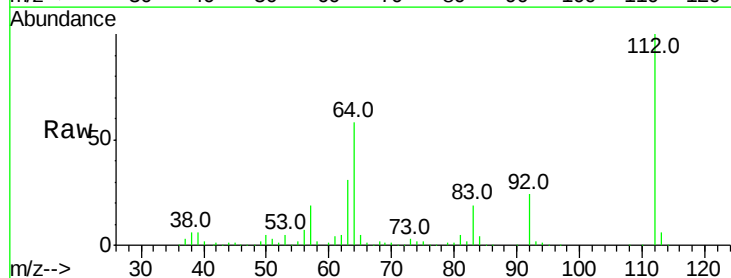
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



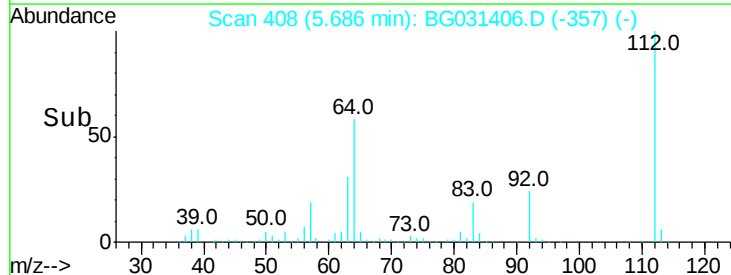
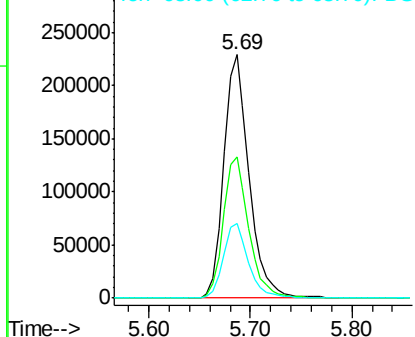
#5

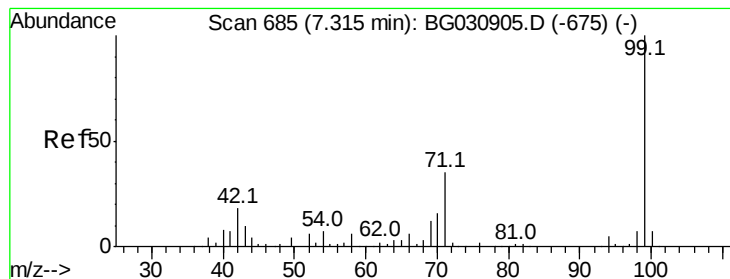
2-Fluorophenol
 Concen: 147.452 ng
 RT: 5.69 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BG031406.D
 Acq: 7 Dec 2017 19:48

Tgt Ion:112 Resp: 395219
 Ion Ratio Lower Upper
 112 100
 64 58.2 56.3 84.5
 63 30.7 30.1 45.1



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: 145.590 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006B

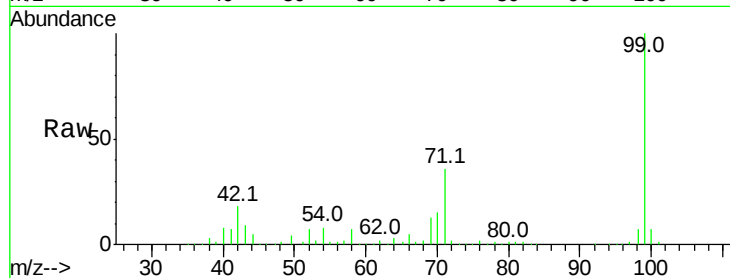
Tot Ion: 99 Resp: 525720

Ion Ratio Lower Upper

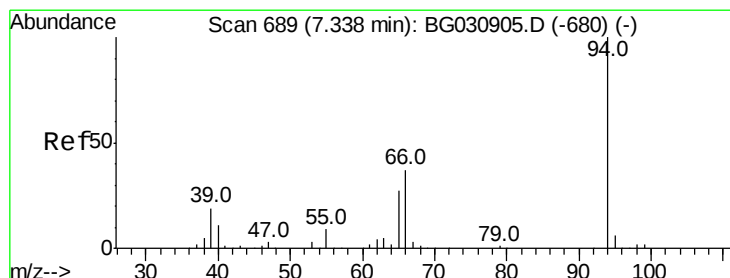
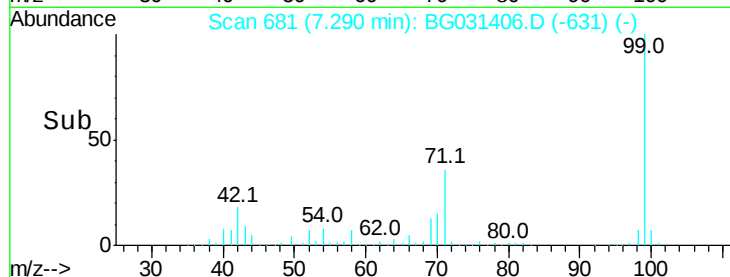
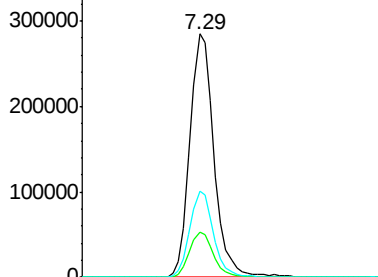
99 100

42 18.4 14.1 21.1

71 35.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.534 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

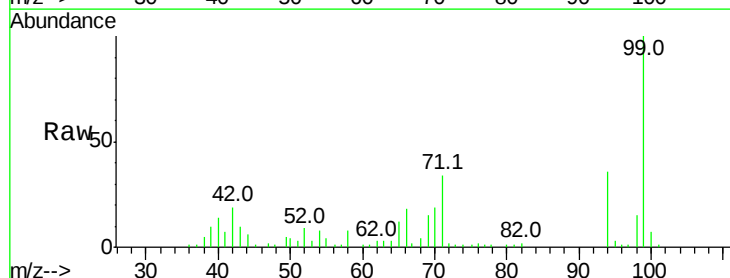
Tgt Ion: 94 Resp: 20754

Ion Ratio Lower Upper

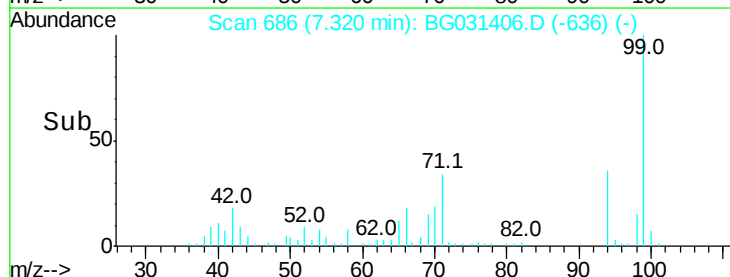
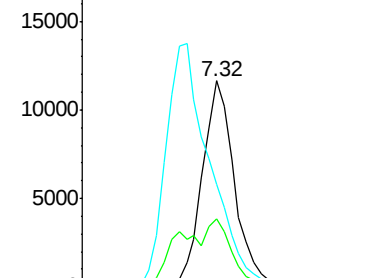
94 100

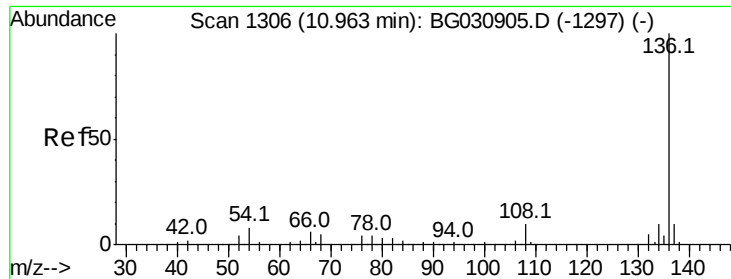
65 33.2 11.9 51.9

66 49.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006B

Tot Ion:136 Resp: 199350

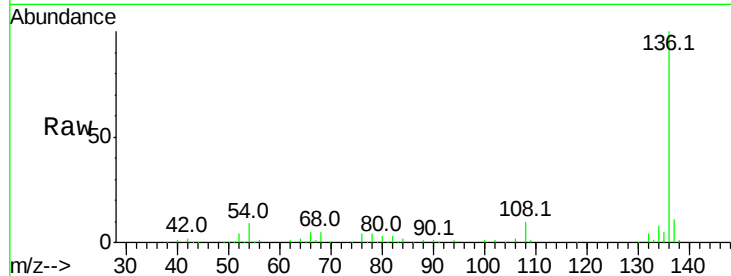
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.9 10.3 15.5#

68 5.3 4.5 6.7

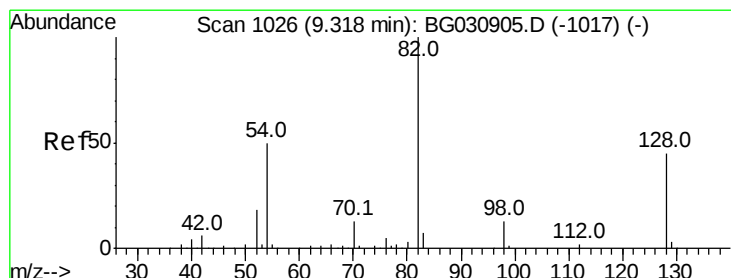
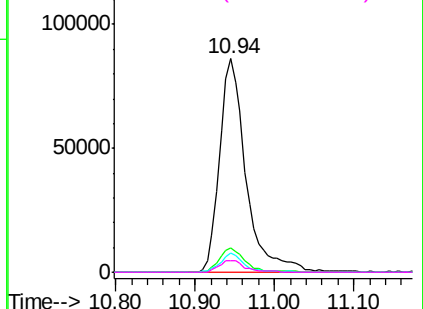
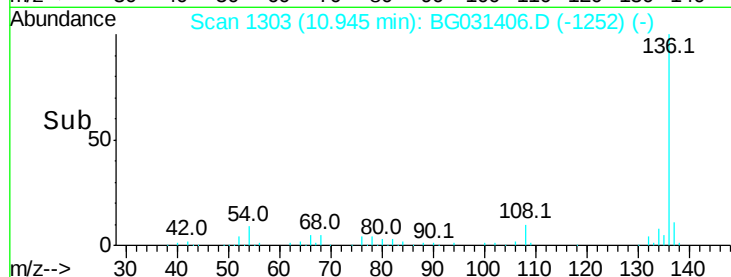


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 92.526 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

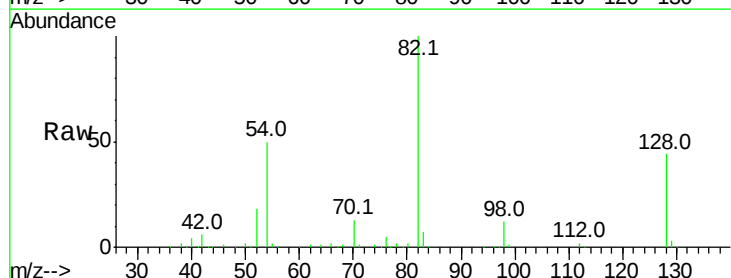
Tgt Ion: 82 Resp: 311276

Ion Ratio Lower Upper

82 100

128 43.9 29.7 44.5

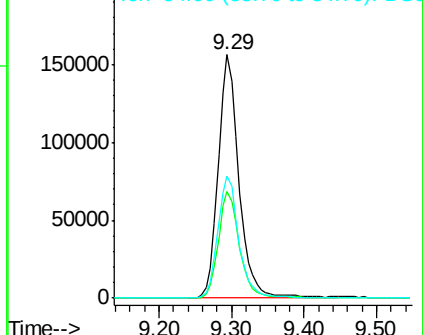
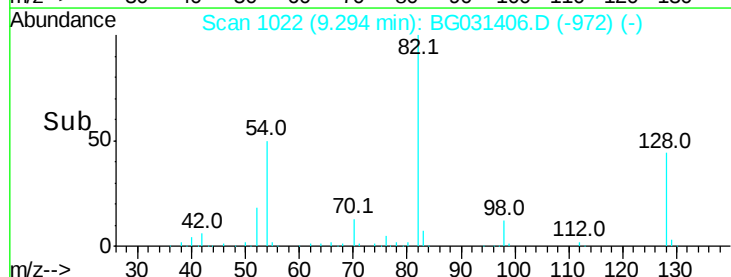
54 50.0 43.1 64.7

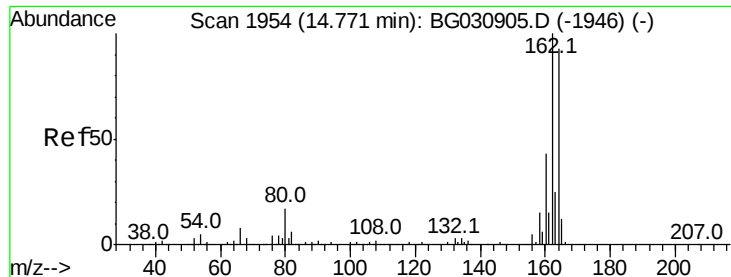


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006B

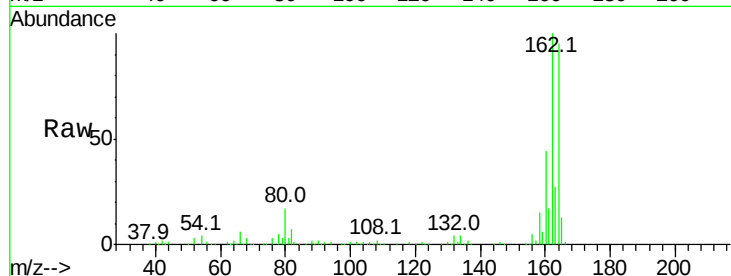
Tot Ion:164 Resp: 145696

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

160 45.9 35.4 53.0



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

120000

100000

80000

60000

40000

20000

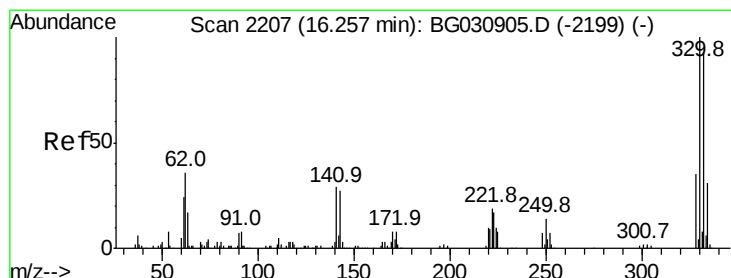
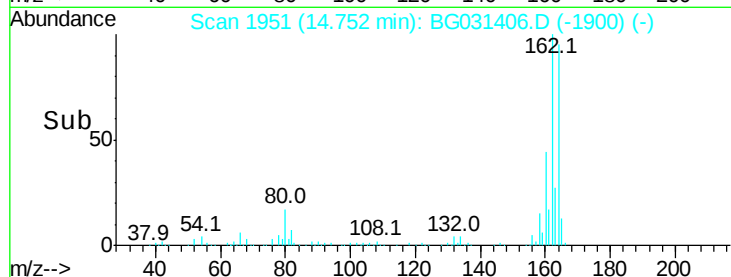
0

14.75

14.80

14.90

Time-->



#41

2,4,6-Tribromophenol

Concen: 124.061 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

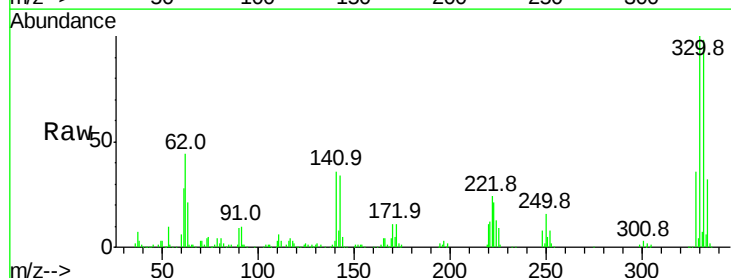
Tgt Ion:330 Resp: 292399

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 37.5 25.2 37.8



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

200000

150000

100000

50000

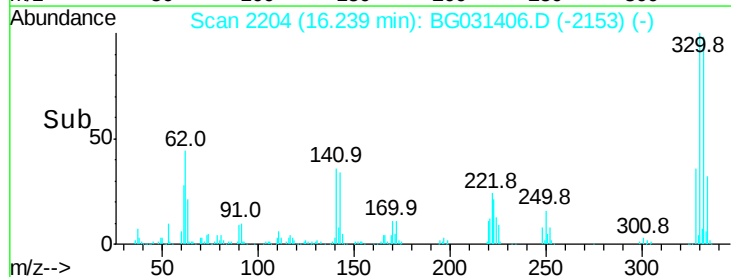
0

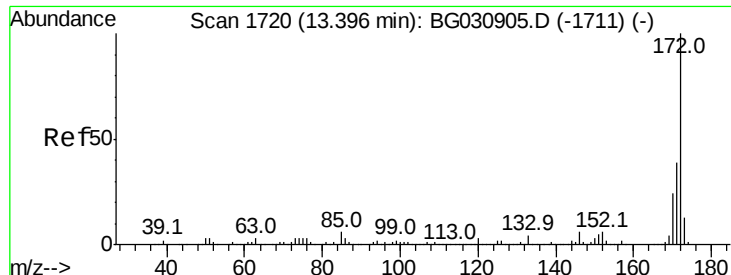
16.24

16.30

16.40

Time-->

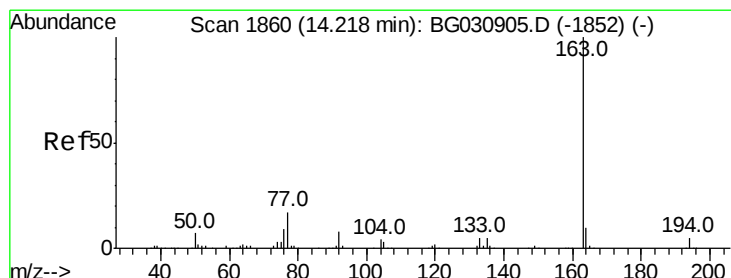
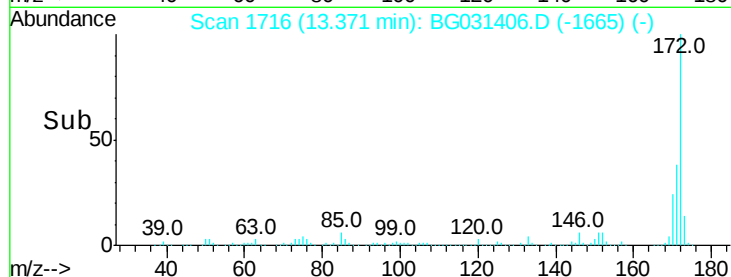
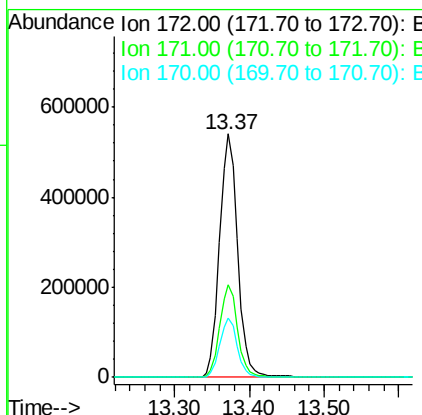
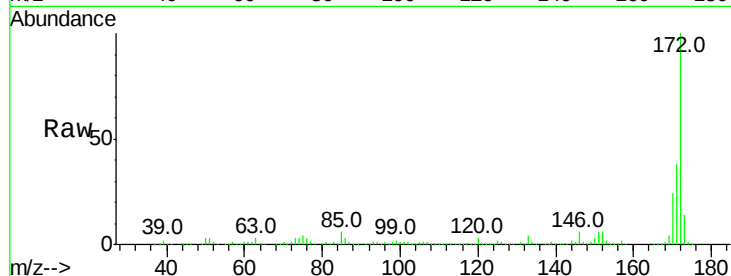




#44
2-Fluorobiphenyl
Concen: 90.046 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

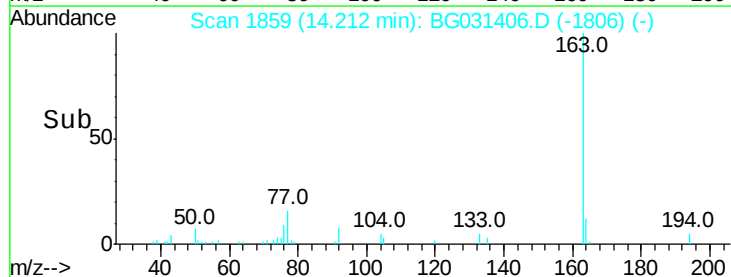
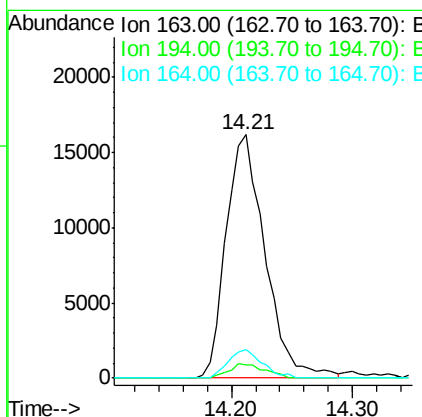
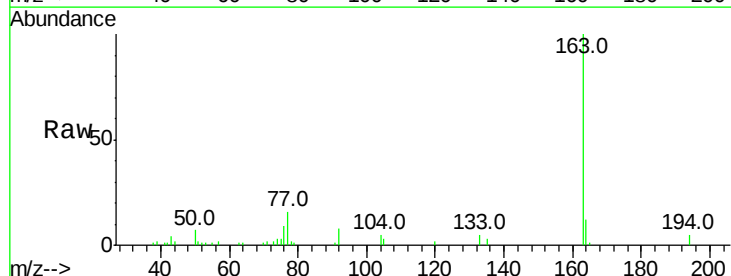
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006B

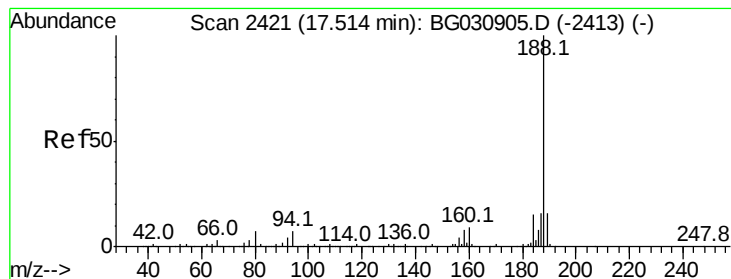
Tot Ion:172 Resp: 913038
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.884 ng
RT: 14.21 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Tgt Ion:163 Resp: 36332
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 11.9 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006B

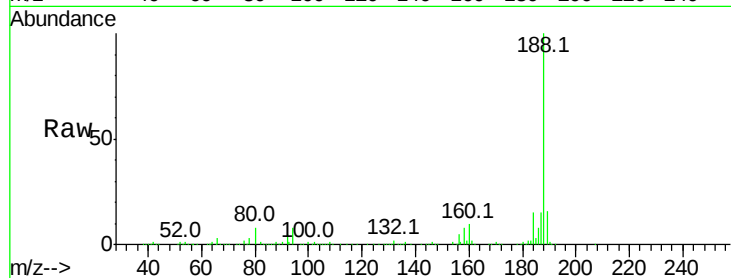
Tot Ion:188 Resp: 434027

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

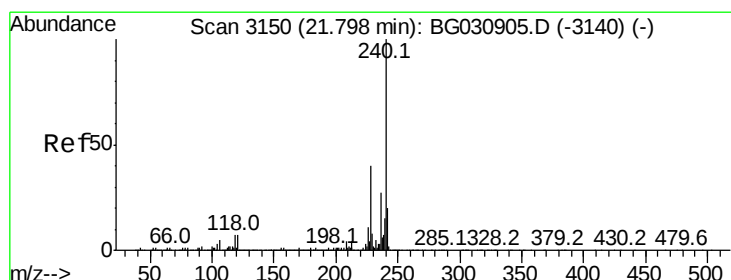
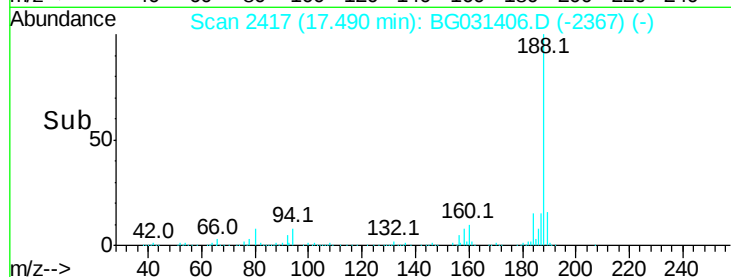
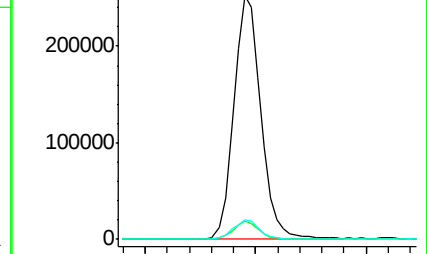
80 7.8 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

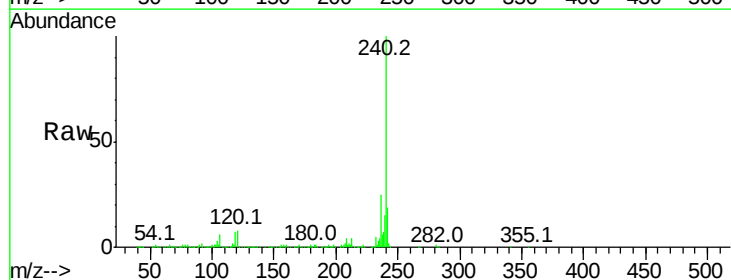
Tgt Ion:240 Resp: 504968

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

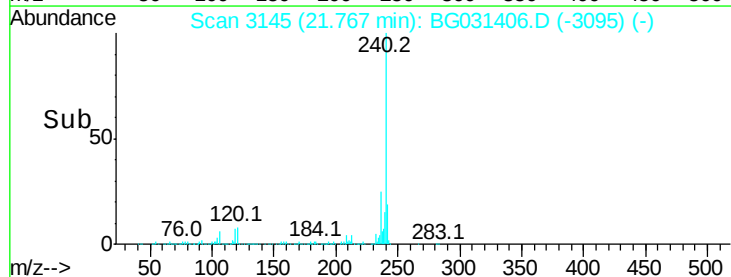
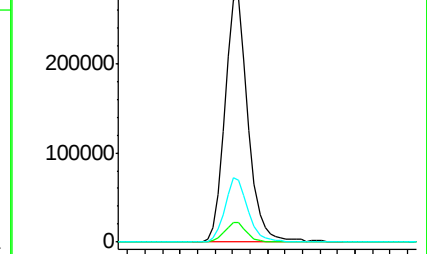
236 25.3 20.9 31.3

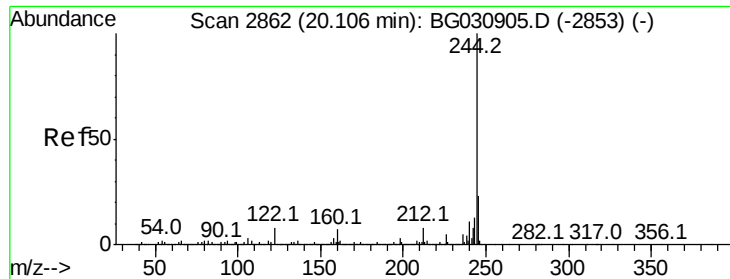


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.525 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006B

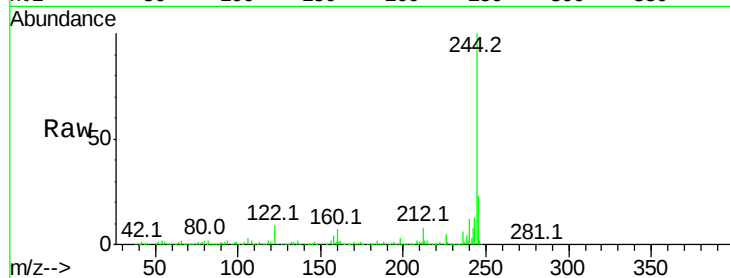
Tot Ion:244 Resp: 1864403

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

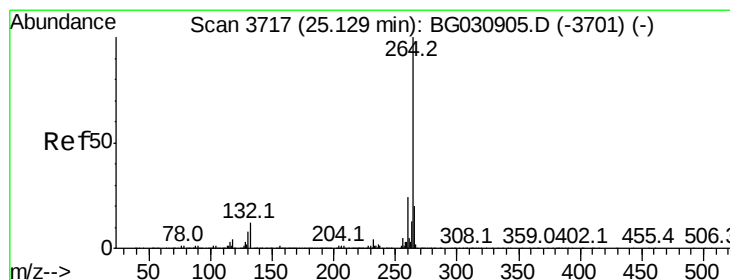
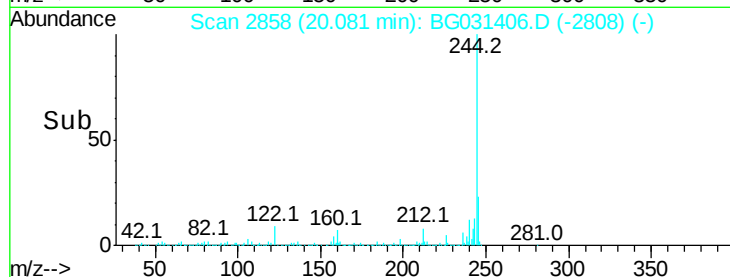
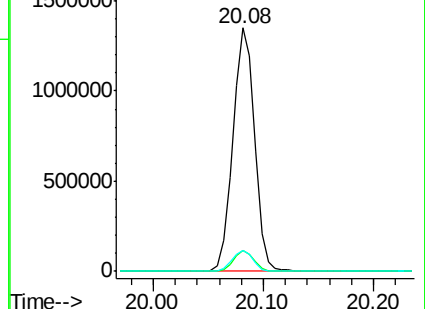
122 8.6 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

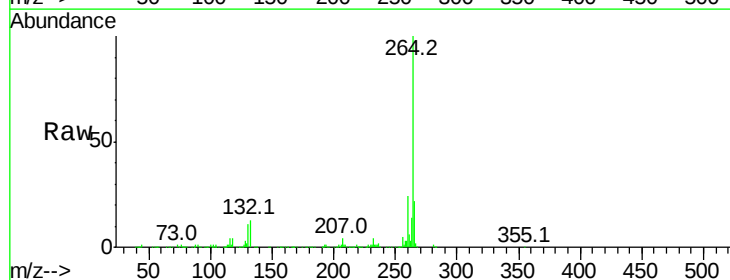
Tgt Ion:264 Resp: 477283

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.0 17.7 26.5



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

