

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031412.D
 Acq On : 7 Dec 2017 23:34
 Operator : SJ/JU
 Sample : I6765-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB009B

Quant Time: Dec 08 02:53:41 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

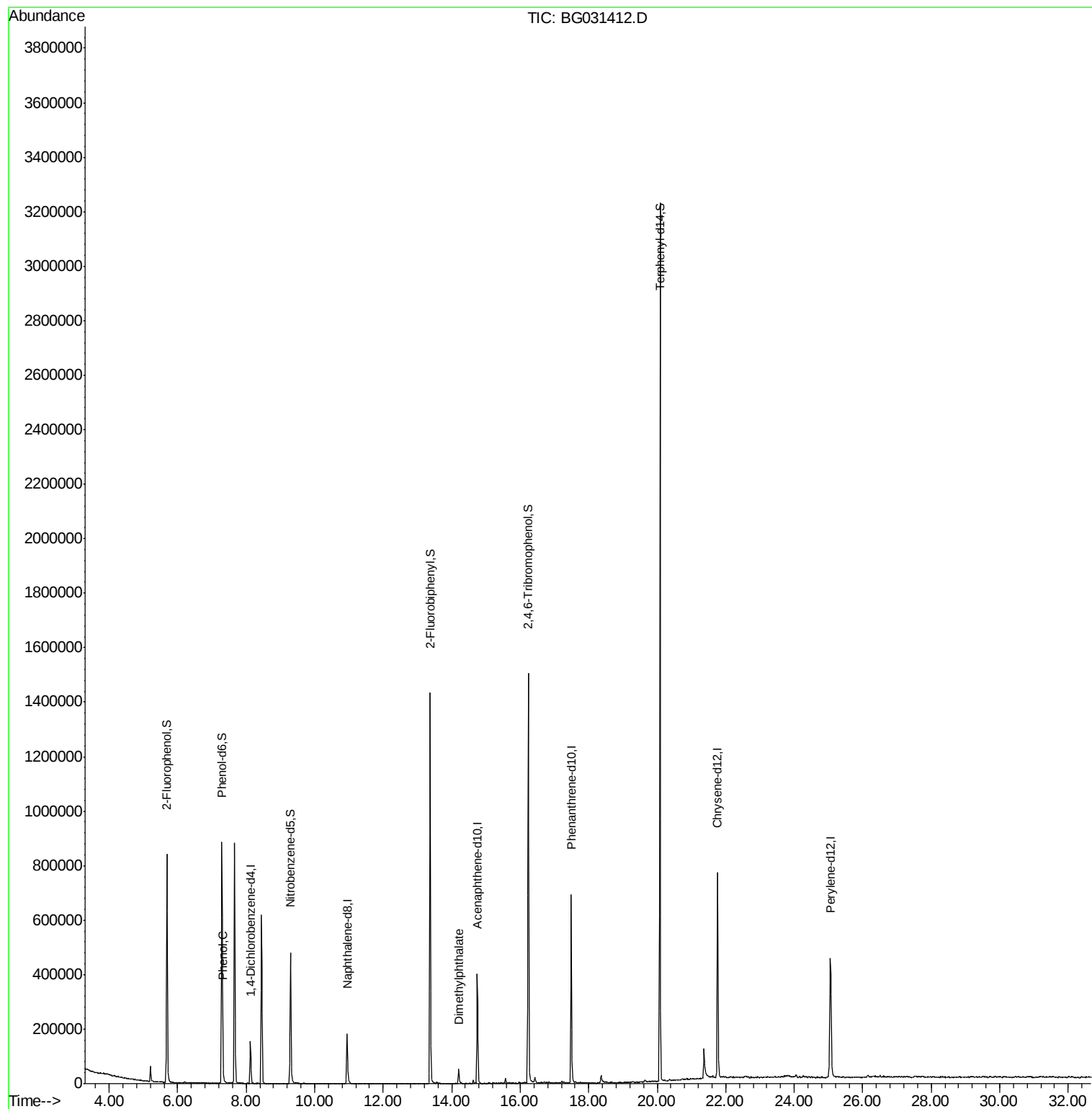
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47282	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	207355	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	153013	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	468263	20.00	ng	0.00
75) Chrysene-d12	21.76	240	527533	20.00	ng	0.00
86) Perylene-d12	25.06	264	508553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	409086	148.36	ng	0.00
7) Phenol-d6	7.29	99	554896	149.38	ng	0.00
23) Nitrobenzene-d5	9.29	82	319445	91.29	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	306889	123.98	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	853795	80.18	ng	0.00
78) Terphenyl-d14	20.08	244	1578550	66.07	ng	0.00
Target Compounds						
10) Phenol	7.32	94	25577	6.630	ng	96
49) Dimethylphthalate	14.20	163	52628	3.978	ng	# 94

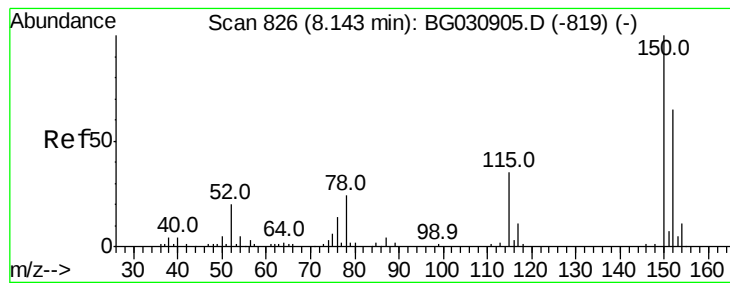
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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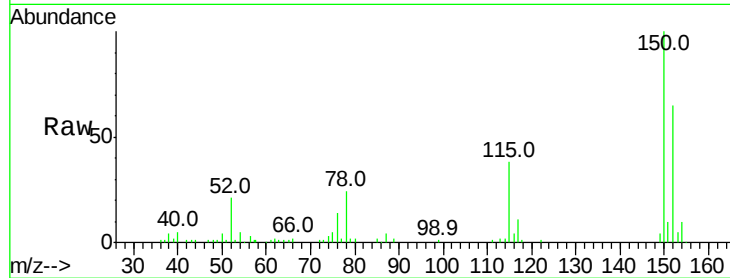


#1

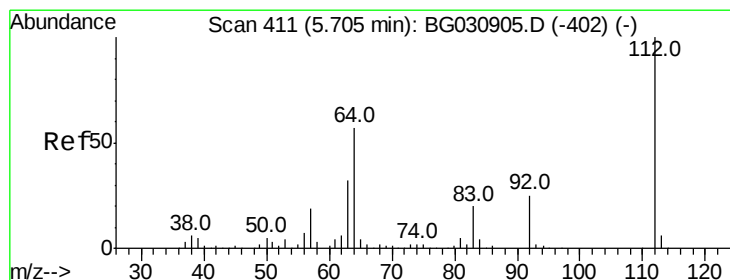
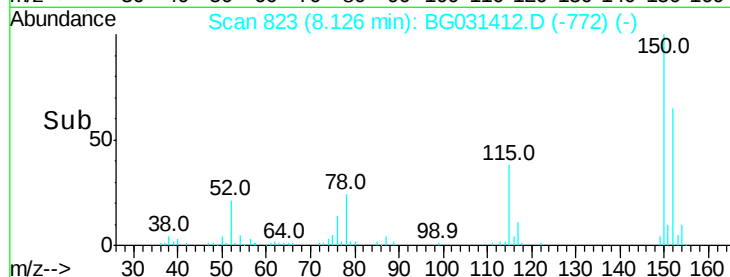
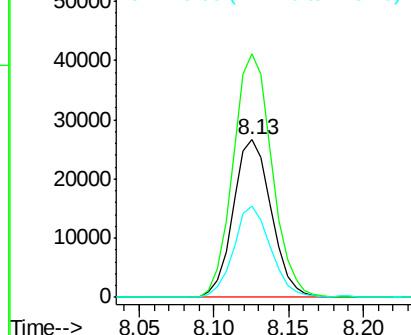
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031412.D
Acq: 7 Dec 2017 23:34

Instrument :
BNA_G
ClientSampleId :
SOIL-SB009B

Tot Ion:152 Resp: 47282
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 58.4 53.0 79.4



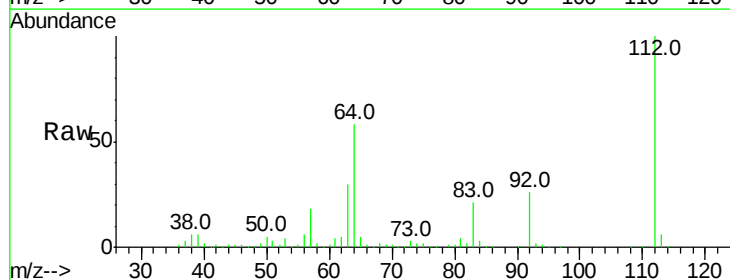
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



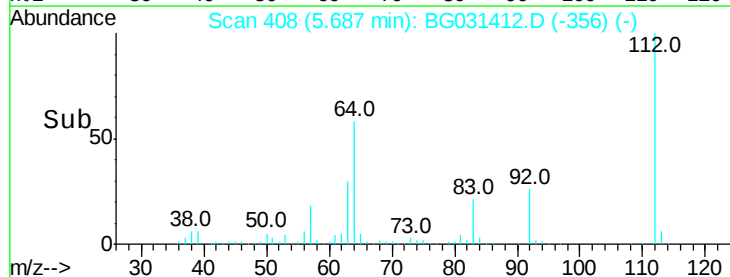
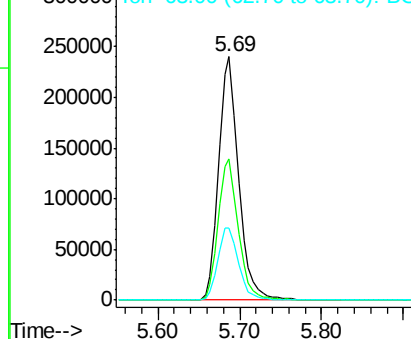
#5

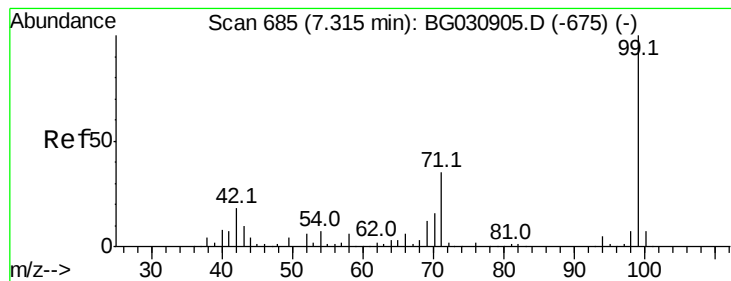
2-Fluorophenol
Concen: 148.362 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031412.D
Acq: 7 Dec 2017 23:34

Tgt Ion:112 Resp: 409086
Ion Ratio Lower Upper
112 100
64 57.8 56.3 84.5
63 29.8 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: 149.376 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

Instrument :

BNA_G

ClientSampleId :

SOIL-SB009B

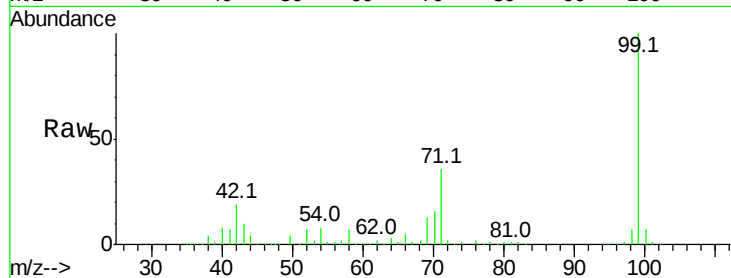
Tot Ion: 99 Resp: 554896

Ion Ratio Lower Upper

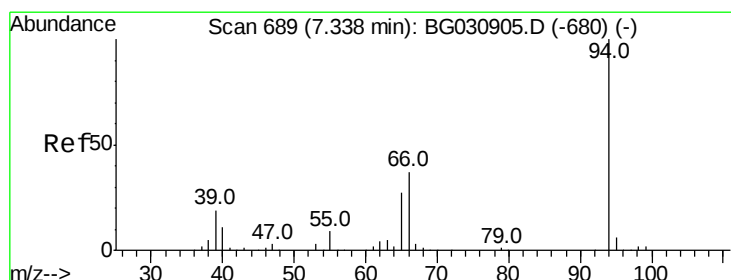
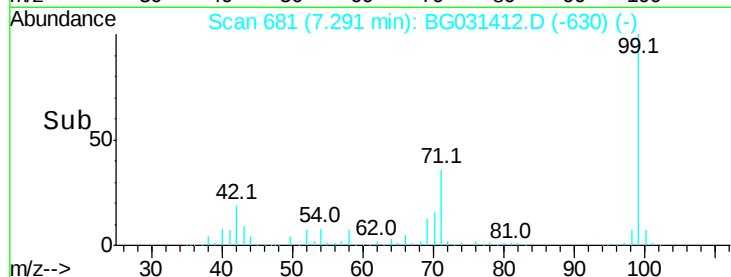
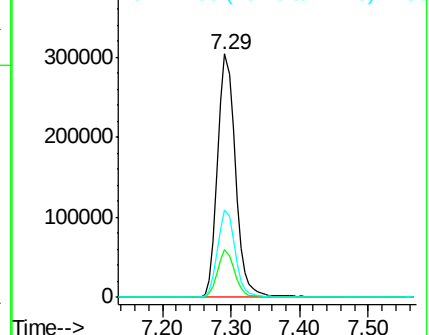
99 100

42 19.4 14.1 21.1

71 35.8 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: 6.630 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

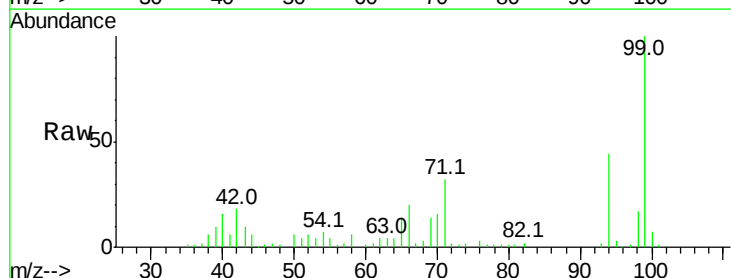
Tgt Ion: 94 Resp: 25577

Ion Ratio Lower Upper

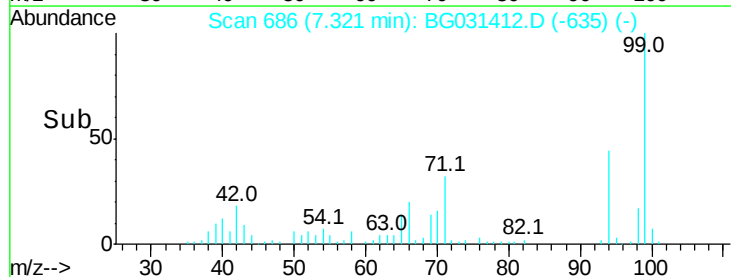
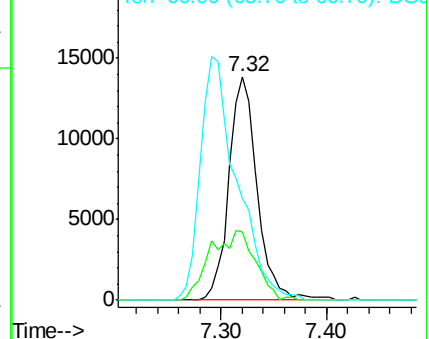
94 100

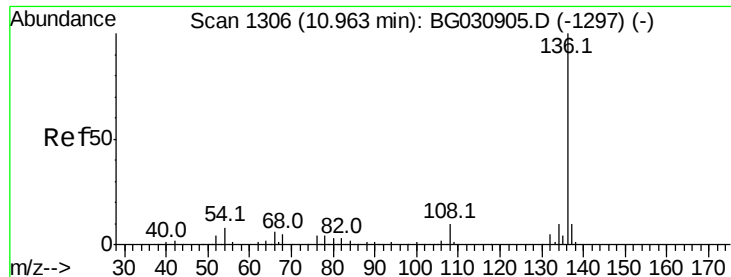
65 30.6 11.9 51.9

66 45.3 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

Instrument :

BNA_G

ClientSampleId :

SOIL-SB009B

Tot Ion:136 Resp: 207355

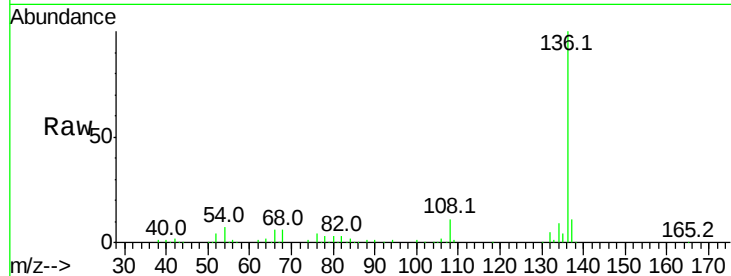
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.3 10.3 15.5#

68 6.3 4.5 6.7

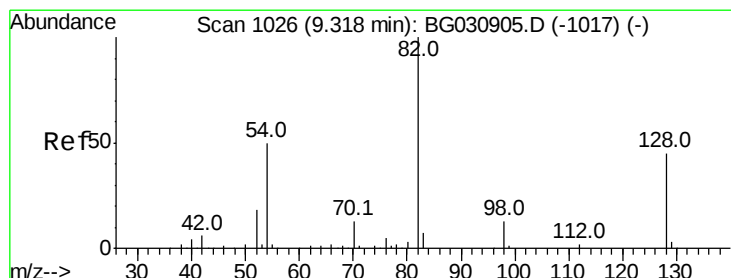
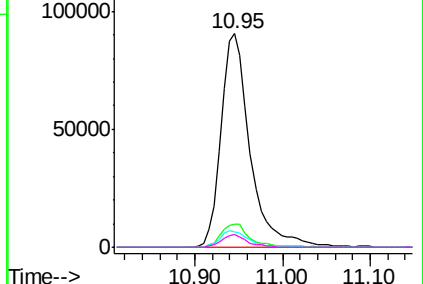
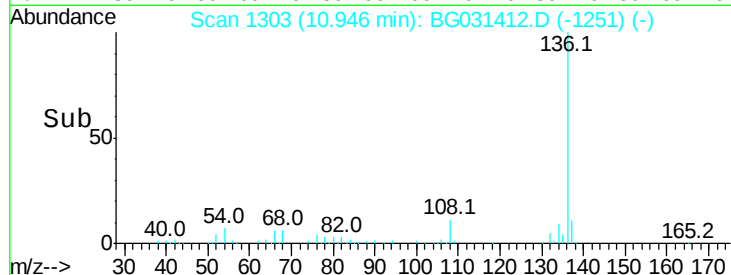


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.288 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

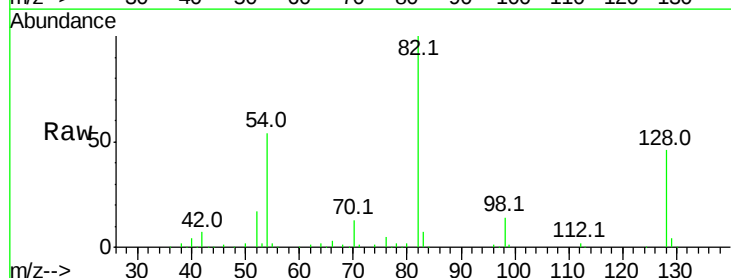
Tgt Ion: 82 Resp: 319445

Ion Ratio Lower Upper

82 100

128 45.9 29.7 44.5#

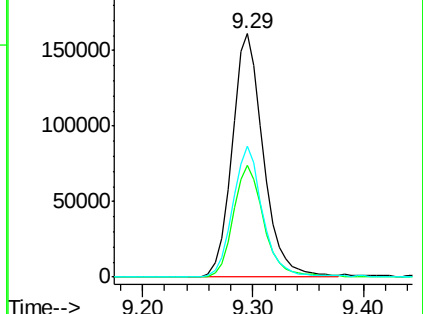
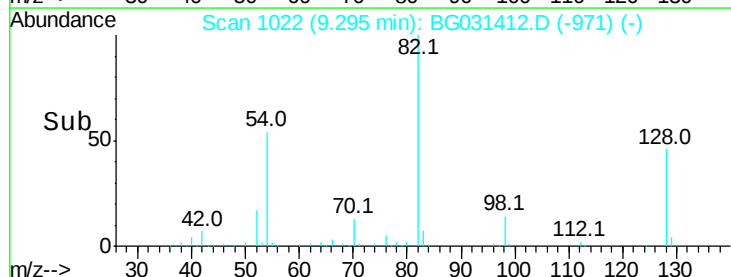
54 53.6 43.1 64.7



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# 1950

Delta R.T. -0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

Instrument :

BNA_G

ClientSampleId :

SOIL-SB009B

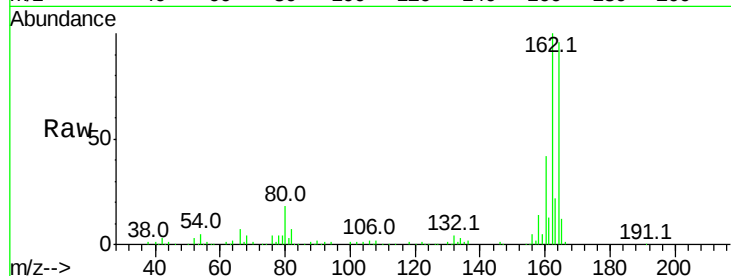
Tot Ion:164 Resp: 153013

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

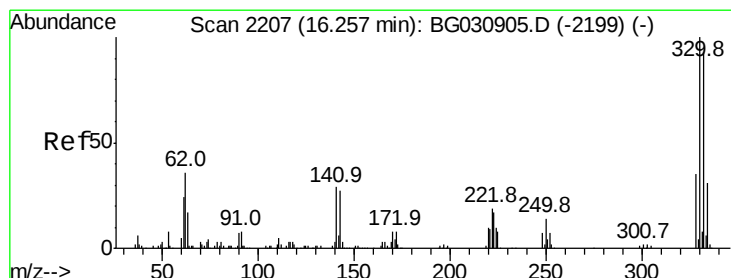
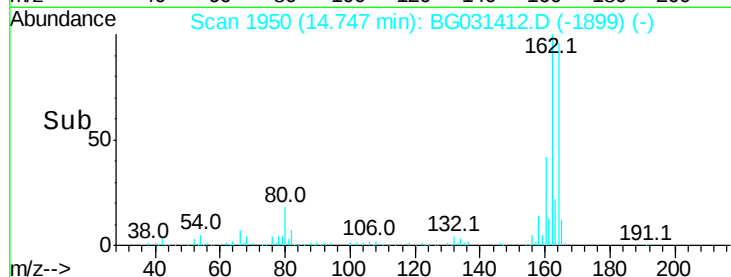
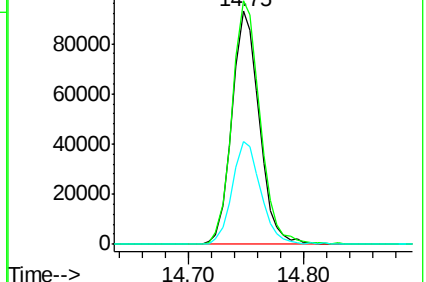
160 44.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 123.983 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

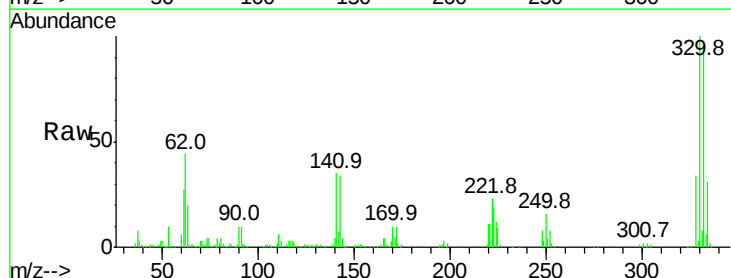
Tgt Ion:330 Resp: 306889

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

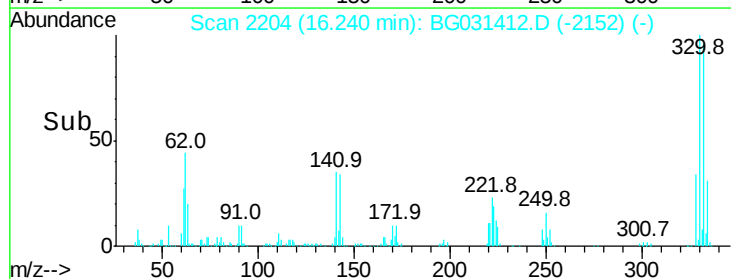
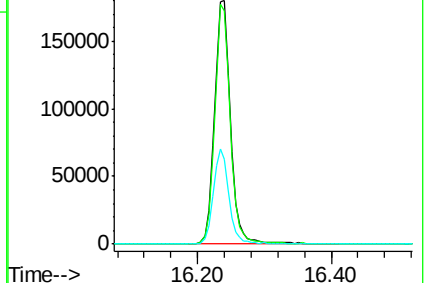
141 37.7 25.2 37.8

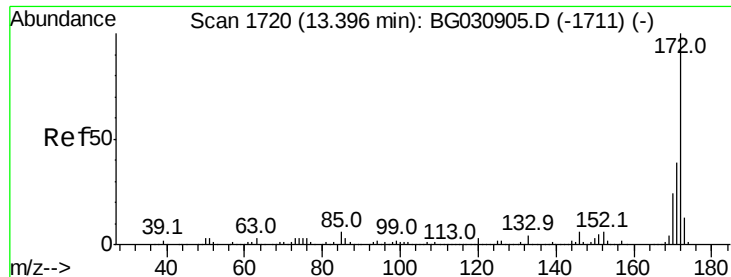


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



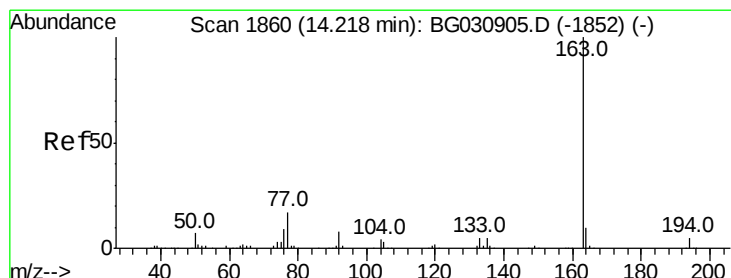
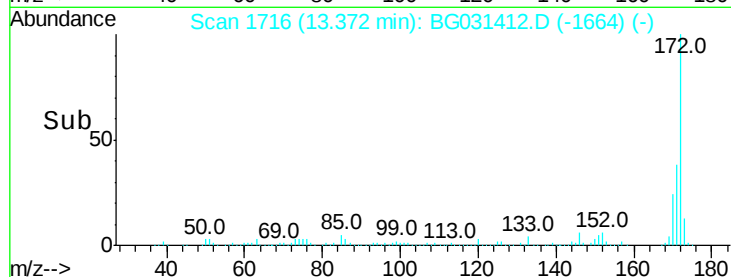
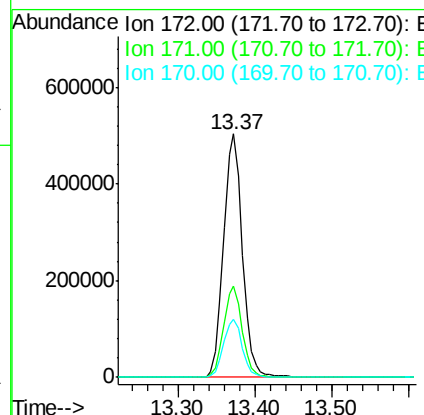
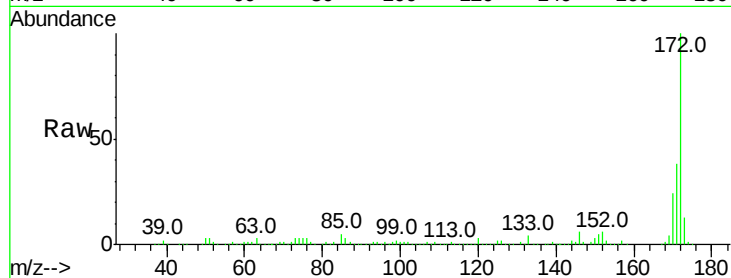


#44
 2-Fluorobiphenyl
 Concen: 80.177 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031412.D
 Acq: 7 Dec 2017 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB009B

Tot Ion:172 Resp: 853795

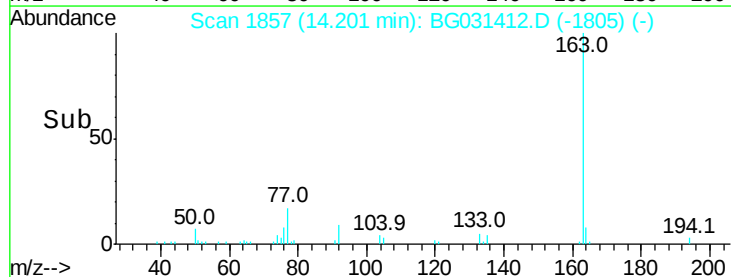
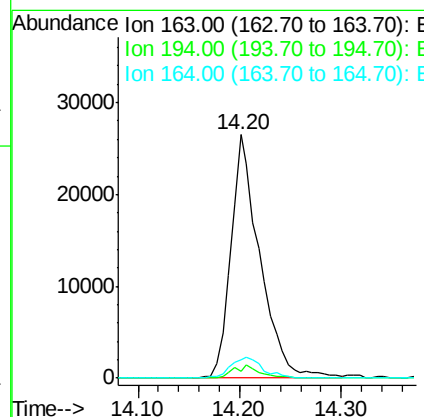
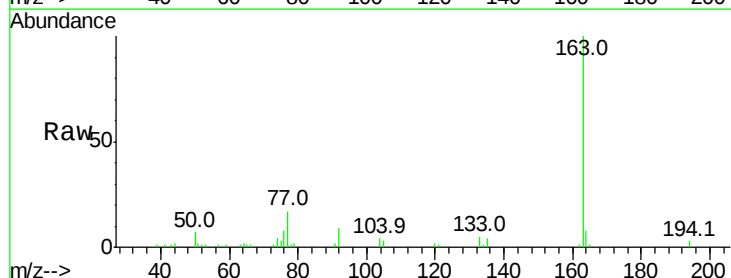
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.9	19.5	29.3

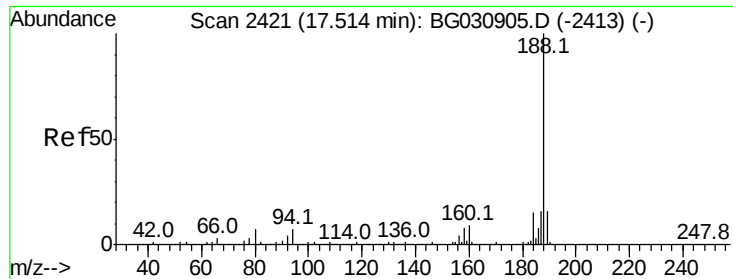


#49
 Dimethylphthalate
 Concen: 3.978 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG031412.D
 Acq: 7 Dec 2017 23:34

Tgt Ion:163 Resp: 52628

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.4	5.2#
164	7.7	8.2	12.4#

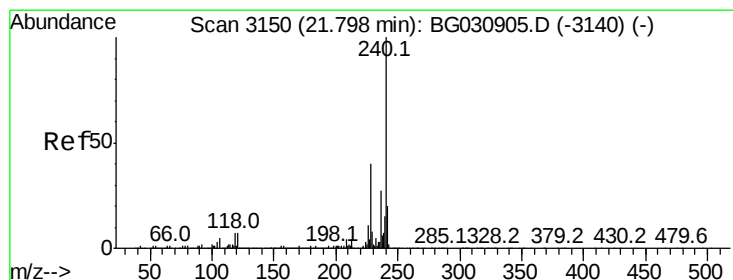
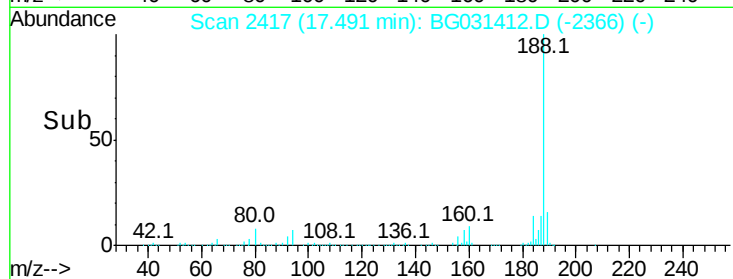
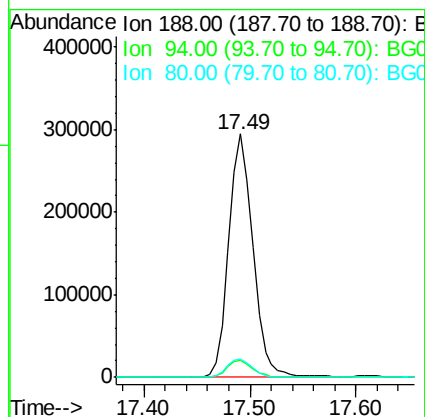
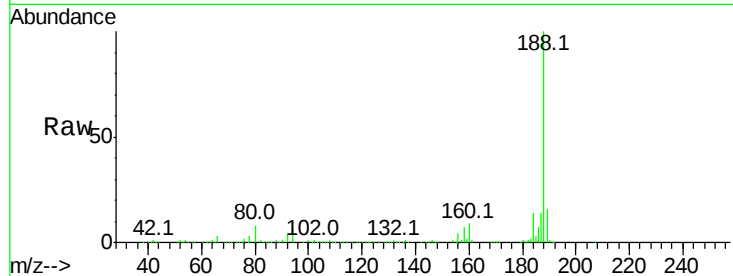




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG031412.D
 Acq: 7 Dec 2017 23:34

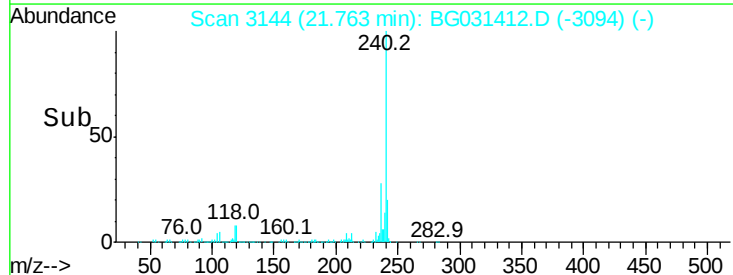
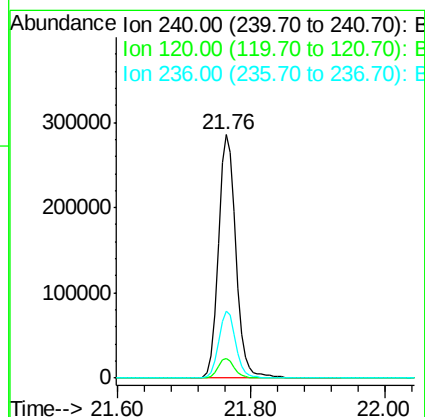
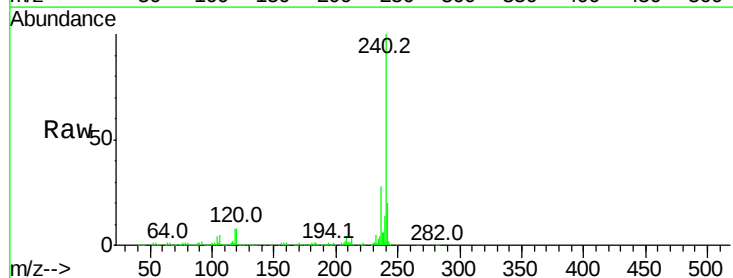
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB009B

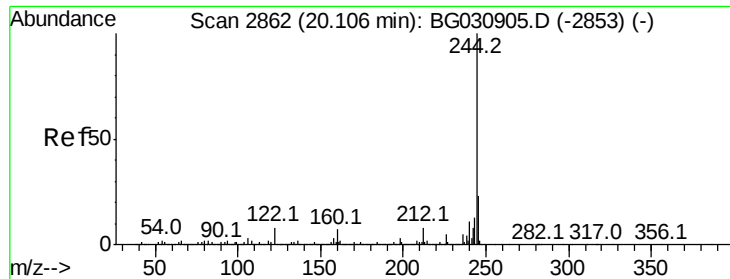
Tot Ion:188 Resp: 468263
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 7.6 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG031412.D
 Acq: 7 Dec 2017 23:34

Tgt Ion:240 Resp: 527533
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 27.6 20.9 31.3





#78

Terphenyl-d14

Concen: 66.073 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

Instrument :

BNA_G

ClientSampleId :

SOIL-SB009B

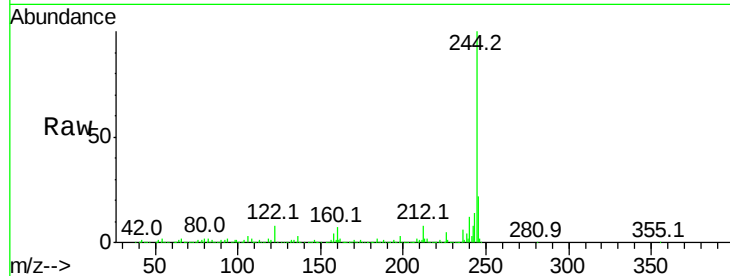
Tot Ion:244 Resp: 1578550

Ion Ratio Lower Upper

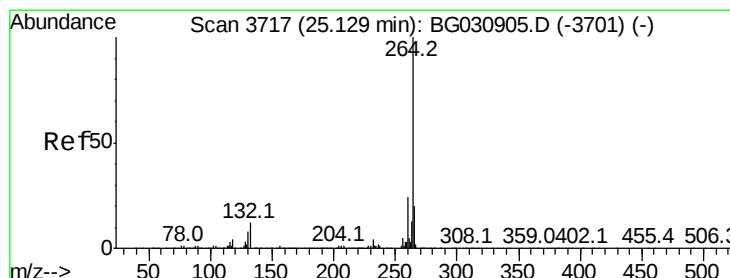
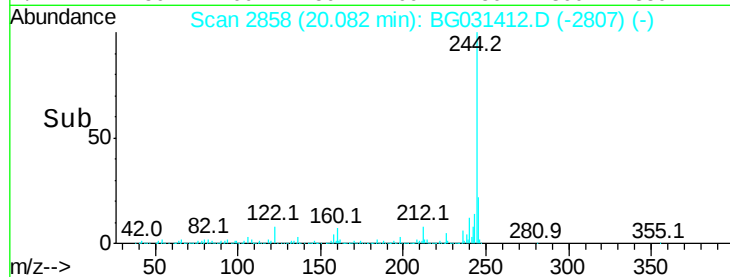
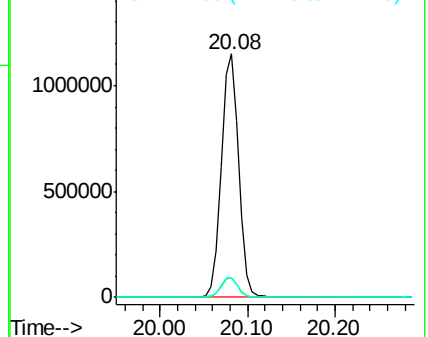
244 100

212 8.2 5.8 8.8

122 8.2 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# 3705

Delta R.T. -0.01 min

Lab File: BG031412.D

Acq: 7 Dec 2017 23:34

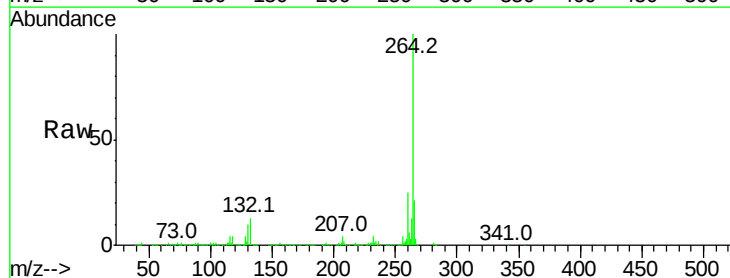
Tgt Ion:264 Resp: 508553

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.2 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

