

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031410.D
 Acq On : 7 Dec 2017 22:19
 Operator : SJ/JU
 Sample : I6765-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB007B

Quant Time: Dec 08 02:53:22 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

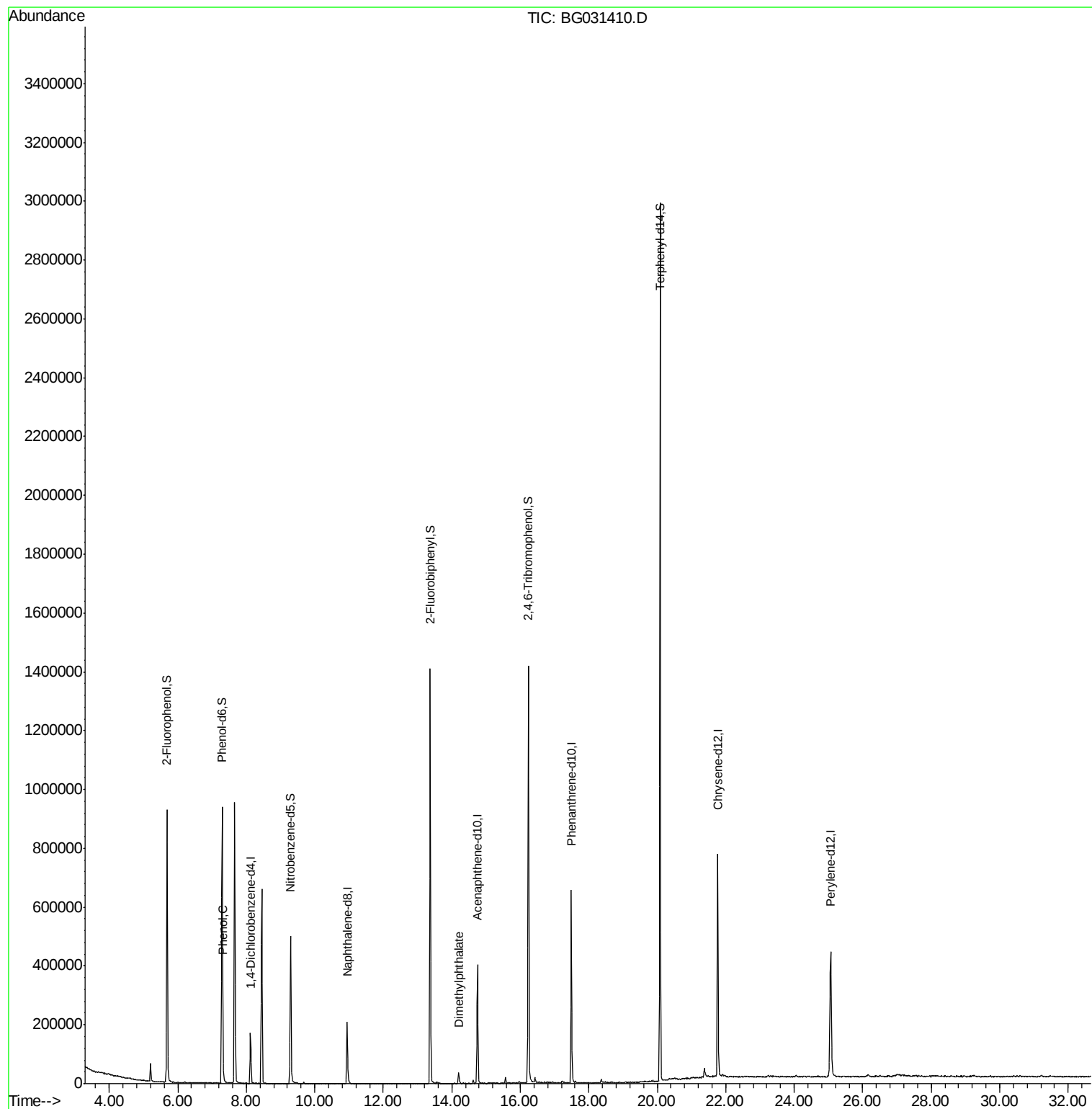
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	51866	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	215974	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	151504	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	451143	20.00	ng	0.00
75) Chrysene-d12	21.77	240	506574	20.00	ng	0.00
86) Perylene-d12	25.06	264	492212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	444082	146.82	ng	0.00
7) Phenol-d6	7.29	99	585590	143.71	ng	0.00
23) Nitrobenzene-d5	9.29	82	339072	93.03	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	280244	114.35	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	819387	77.71	ng	0.00
78) Terphenyl-d14	20.08	244	1497413	65.27	ng	0.00
Target Compounds						
10) Phenol	7.32	94	29192	6.898	ng	91
49) Dimethylphthalate	14.20	163	39846	3.042	ng	98

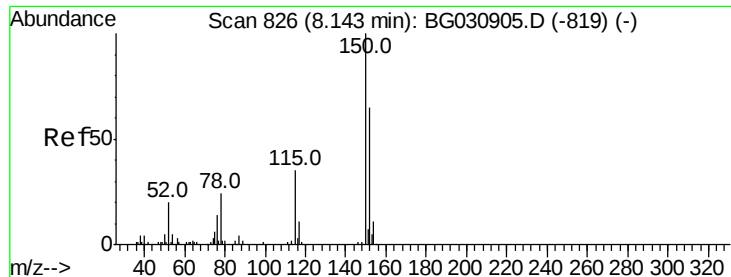
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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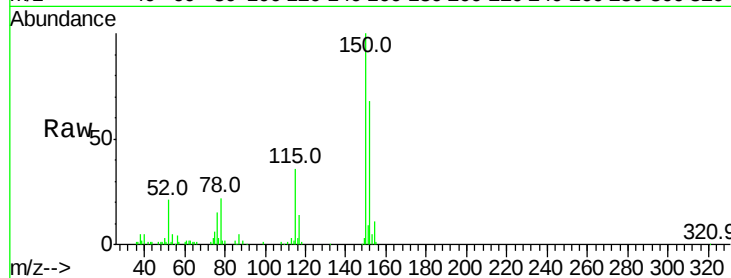


#1

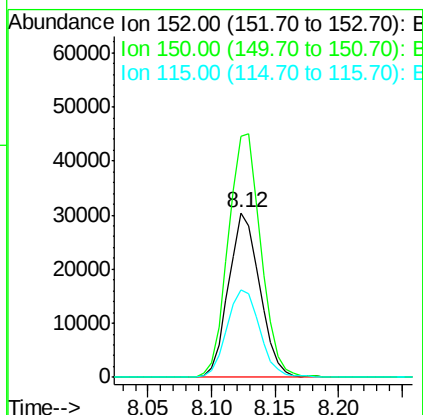
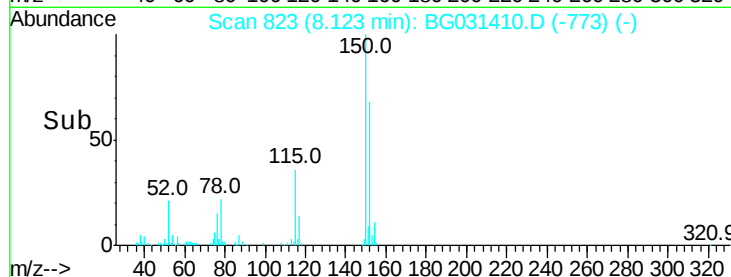
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Instrument :
BNA_G
ClientSampleId :
SOIL-SB007B

Tot Ion:152 Resp: 51866
Ion Ratio Lower Upper
152 100
150 146.7 126.6 189.8
115 53.1 53.0 79.4



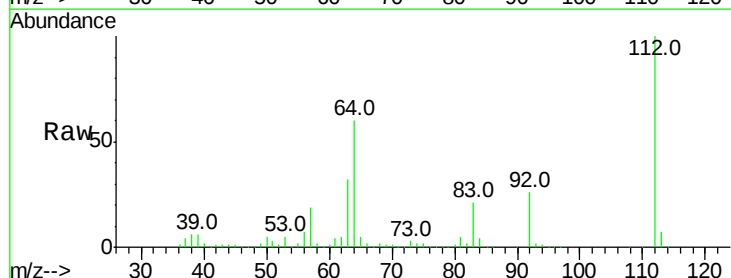
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



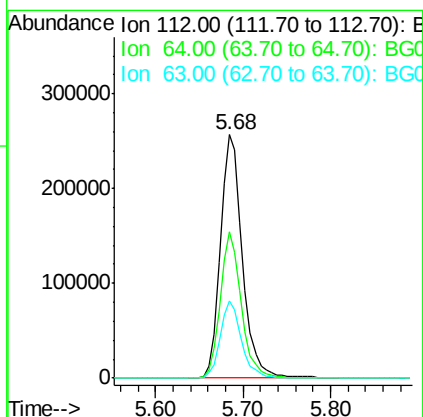
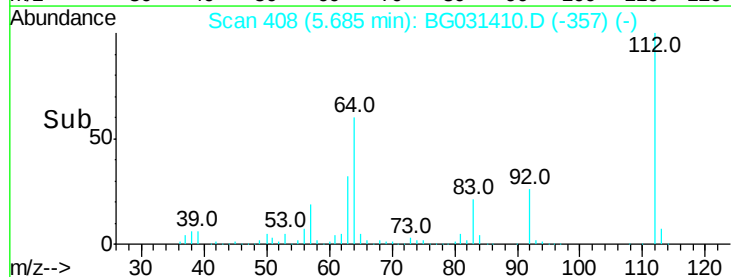
#5

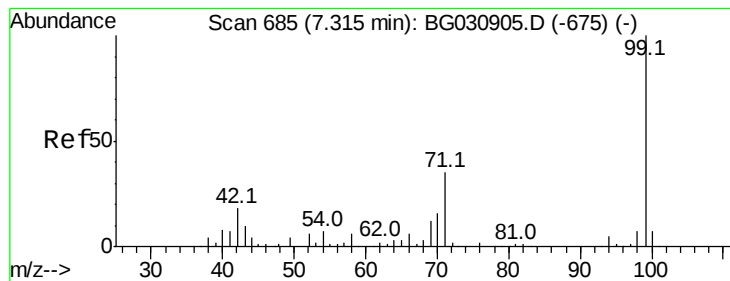
2-Fluorophenol
Concen: 146.819 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:112 Resp: 444082
Ion Ratio Lower Upper
112 100
64 60.2 56.3 84.5
63 31.9 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: 143.706 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

Instrument :

BNA_G

ClientSampleId :

SOIL-SB007B

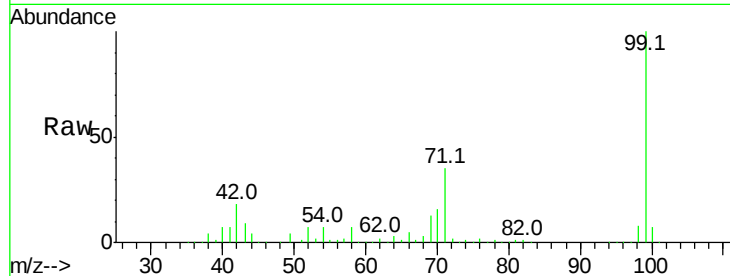
Tot Ion: 99 Resp: 585590

Ion Ratio Lower Upper

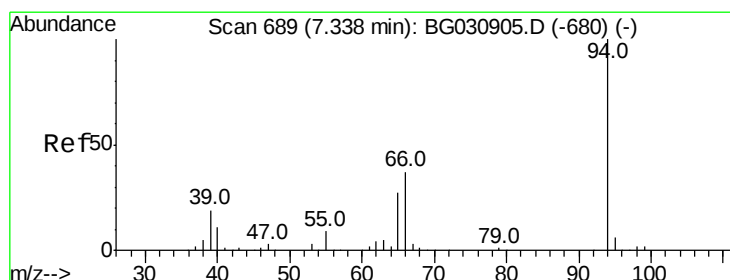
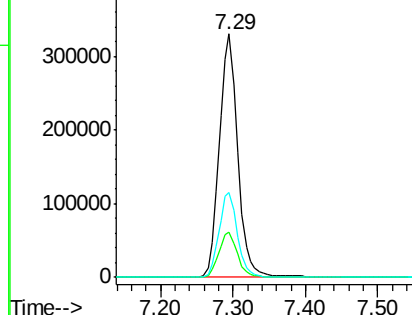
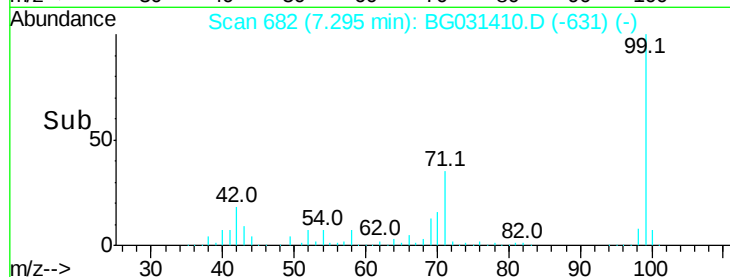
99 100

42 18.4 14.1 21.1

71 34.7 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: 6.898 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

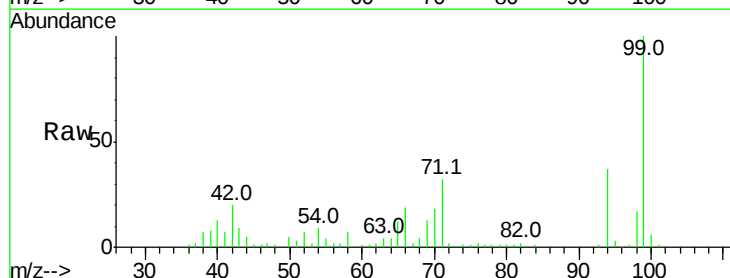
Tgt Ion: 94 Resp: 29192

Ion Ratio Lower Upper

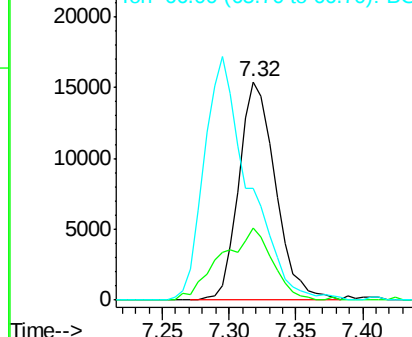
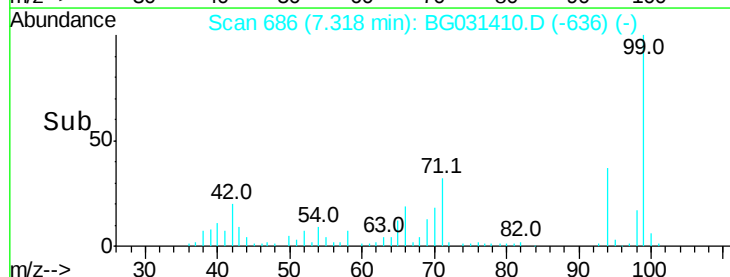
94 100

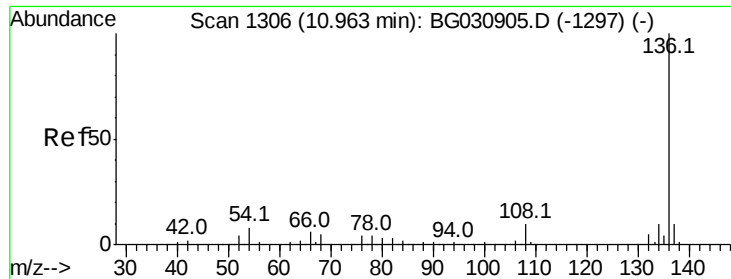
65 33.2 11.9 51.9

66 51.0 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

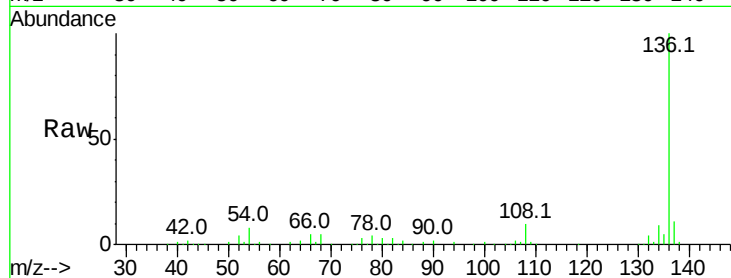




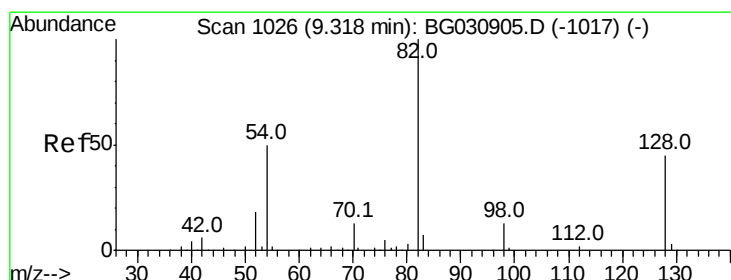
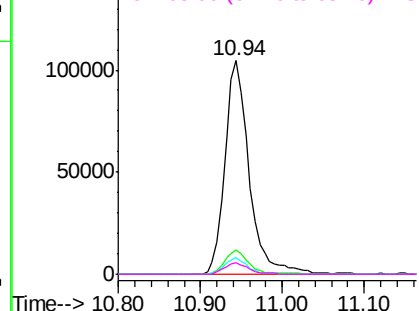
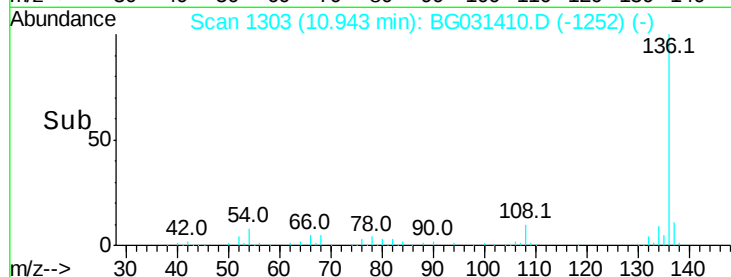
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Instrument :
BNA_G
ClientSampleId :
SOIL-SB007B

Tot Ion:	136	Resp:	215974
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.0	10.3	15.5
68	5.2	4.5	6.7

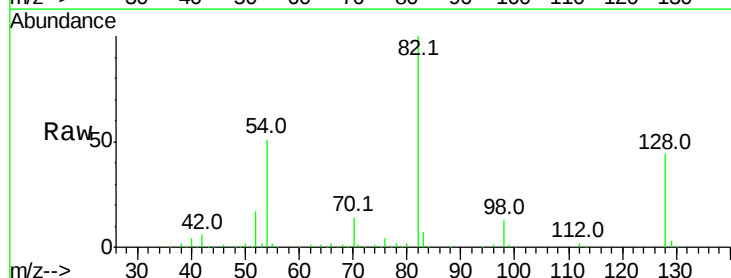


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

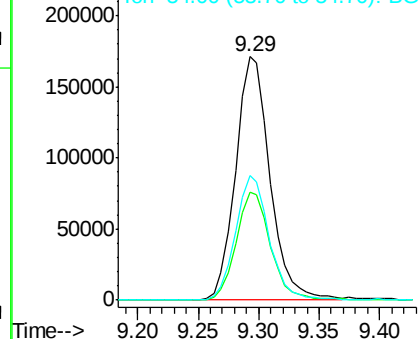
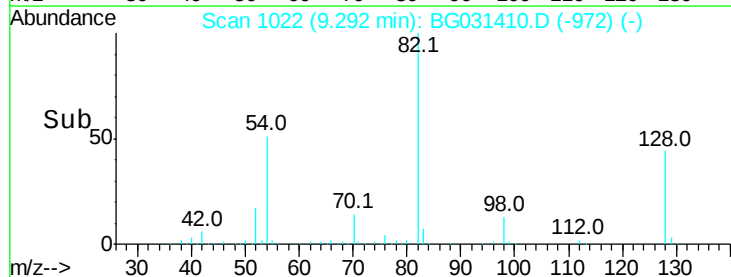


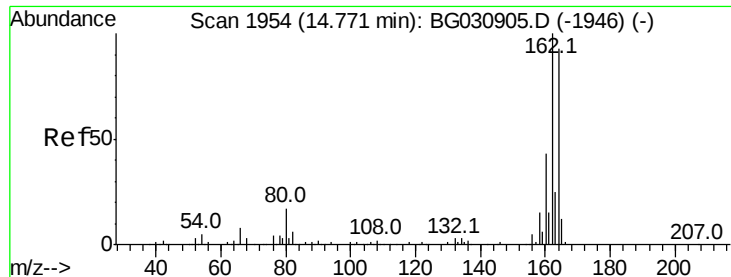
#23
Nitrobenzene-d5
Concen: 93.030 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:	82	Resp:	339072
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	51.0	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

Instrument :

BNA_G

ClientSampleId :

SOIL-SB007B

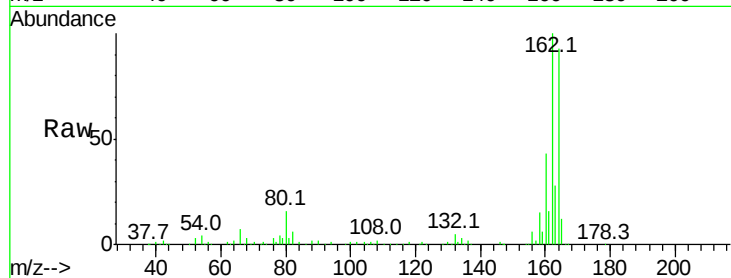
Tot Ion:164 Resp: 151504

Ion Ratio Lower Upper

164 100

162 107.2 78.8 118.2

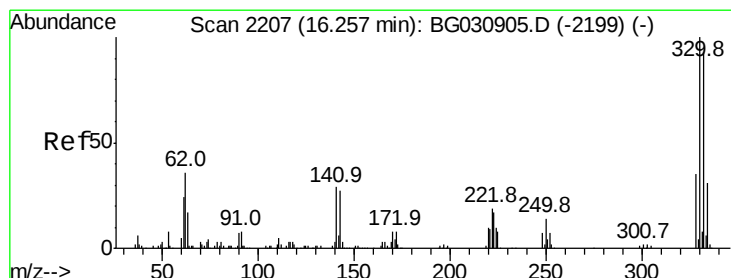
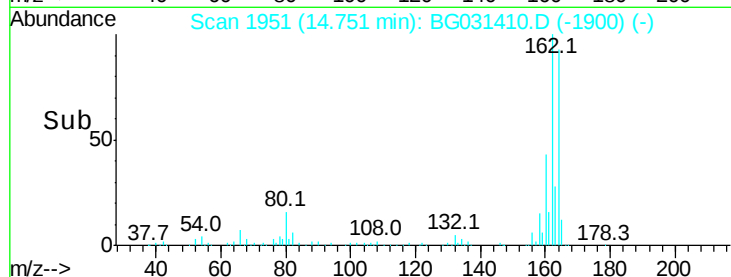
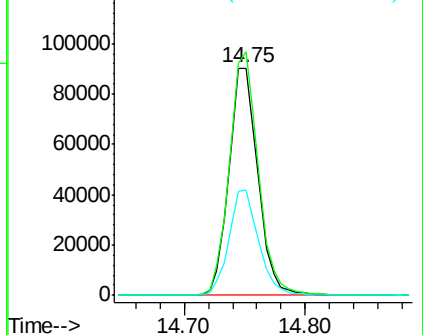
160 46.6 35.4 53.0



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: 114.346 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

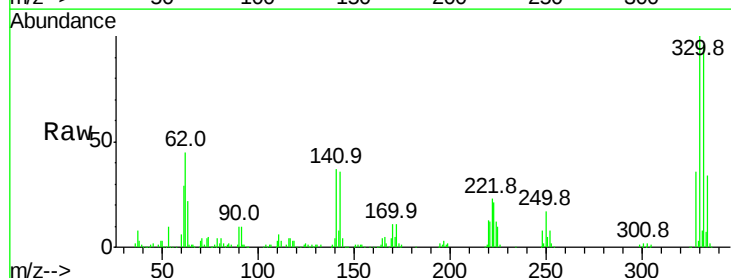
Tgt Ion:330 Resp: 280244

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

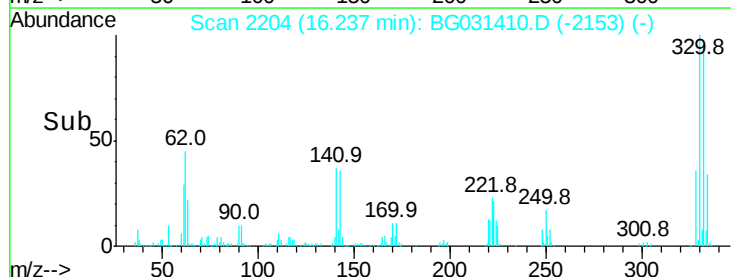
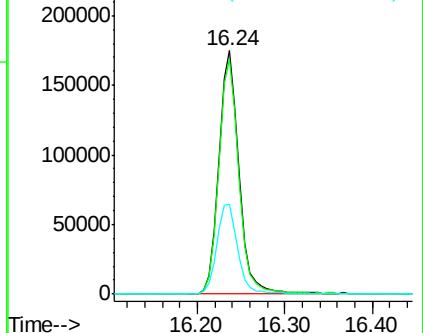
141 38.5 25.2 37.8#

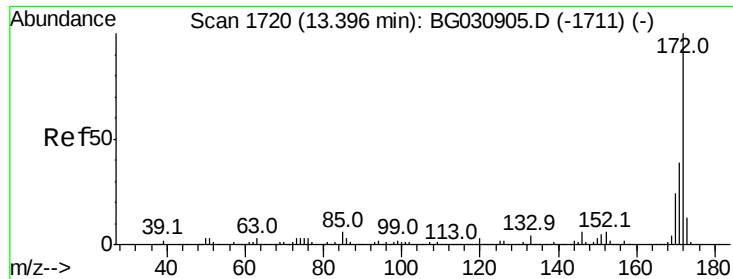


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

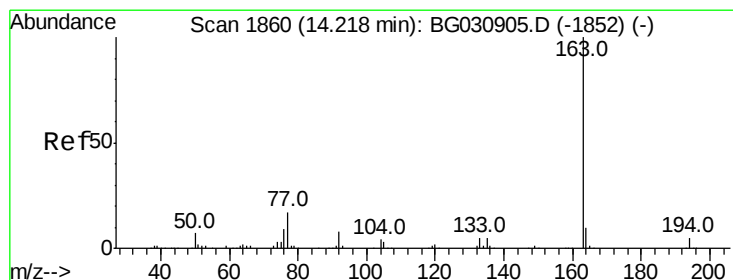
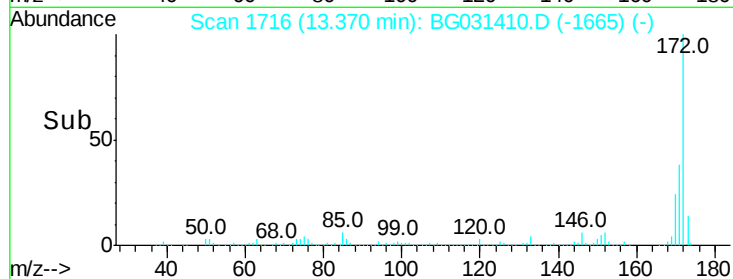
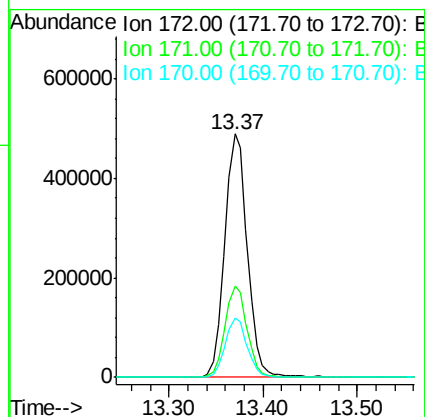
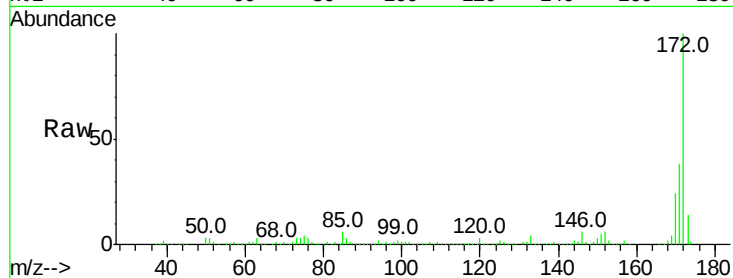




#44
 2-Fluorobiphenyl
 Concen: 77.712 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031410.D
 Acq: 7 Dec 2017 22:19

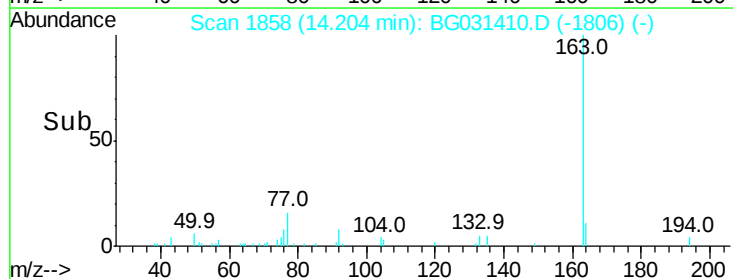
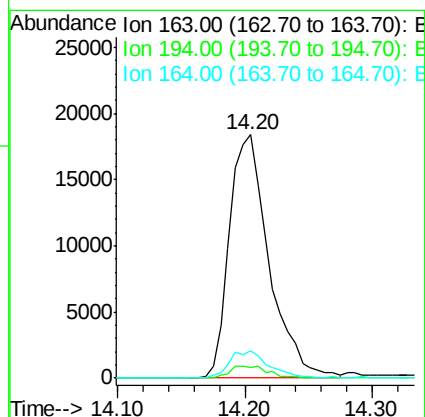
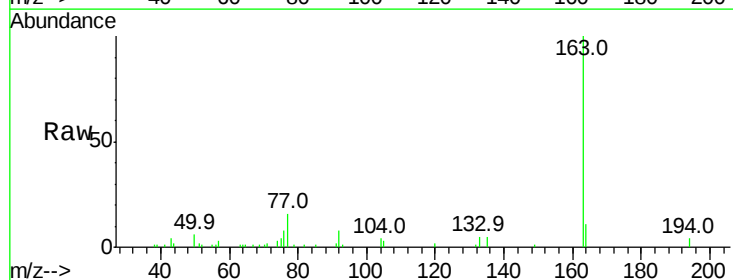
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB007B

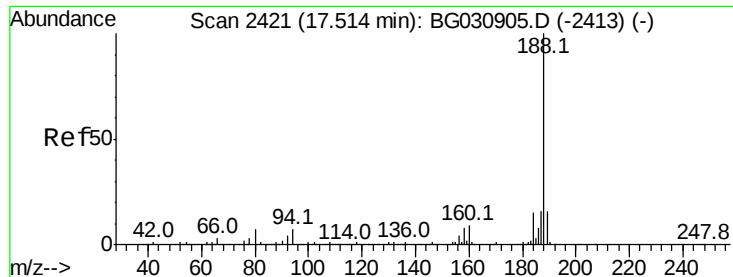
Tot Ion:	172	Resp:	819387
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	19.5	29.3



#49
 Dimethylphthalate
 Concen: 3.042 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BG031410.D
 Acq: 7 Dec 2017 22:19

Tgt Ion:	163	Resp:	39846
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	11.2	8.2	12.4

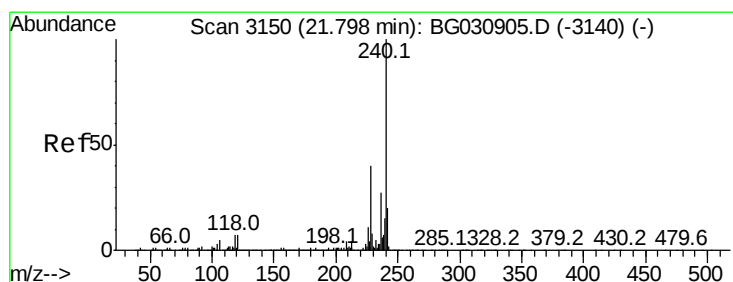
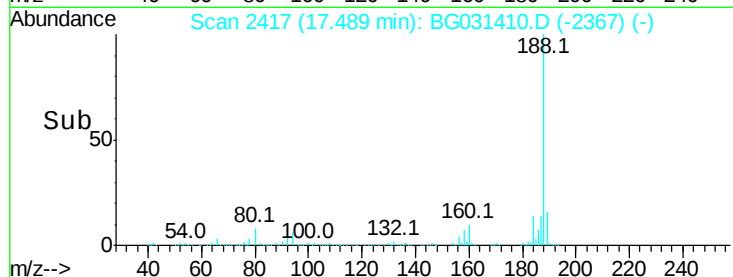
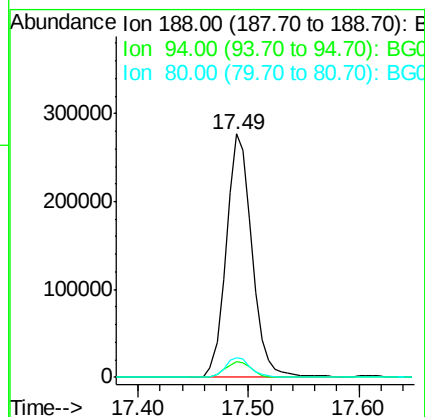
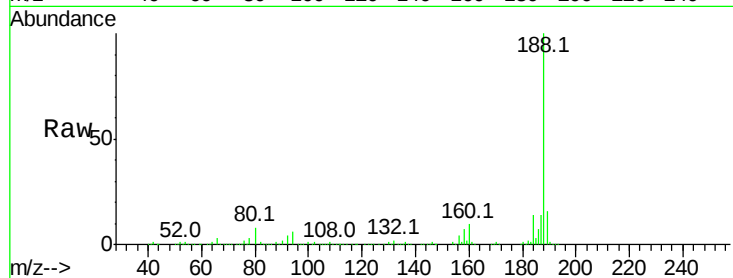




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

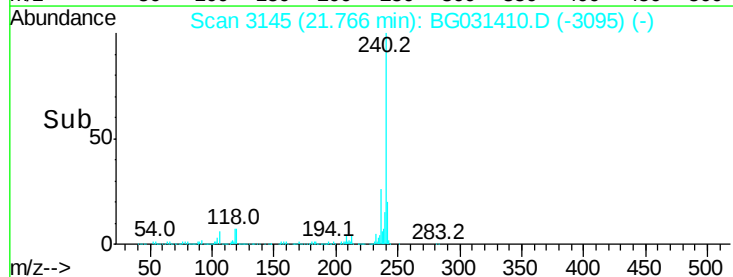
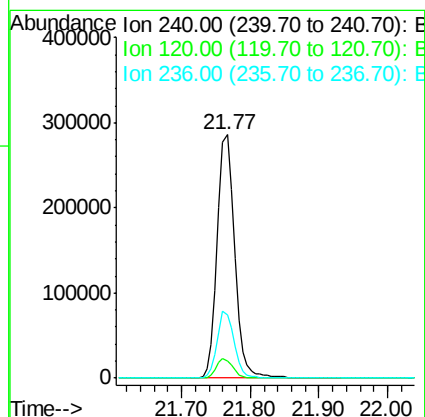
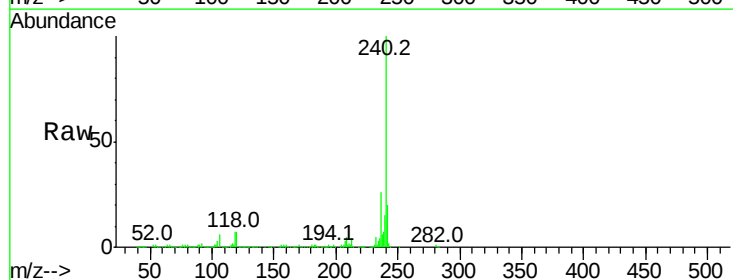
Instrument :
BNA_G
ClientSampleId :
SOIL-SB007B

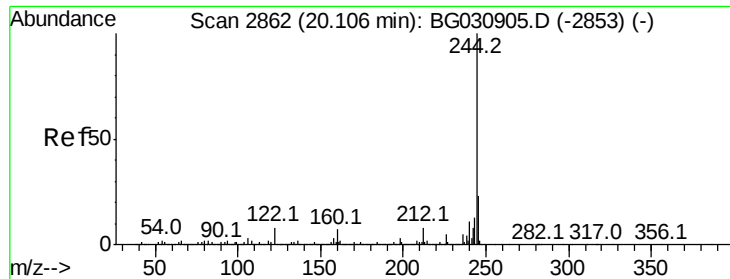
Tot Ion:188 Resp: 451143
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:240 Resp: 506574
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 65.270 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

Instrument :

BNA_G

ClientSampleId :

SOIL-SB007B

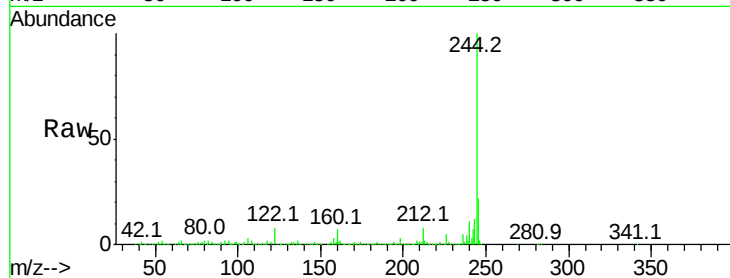
Tot Ion:244 Resp: 1497413

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.4	7.0	10.4

244 100

212 7.8 5.8 8.8

122 8.4 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

1500000

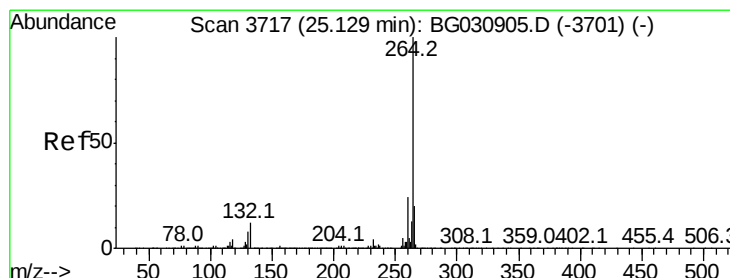
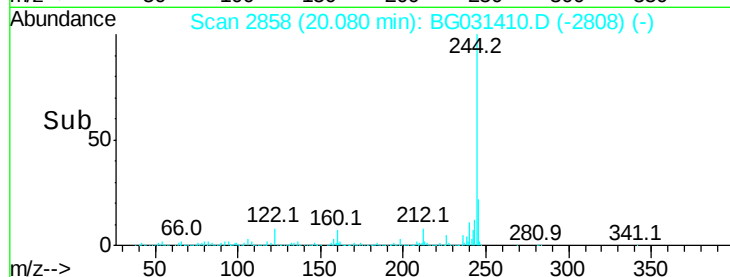
1000000

500000

0

20.08

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031410.D

Acq: 7 Dec 2017 22:19

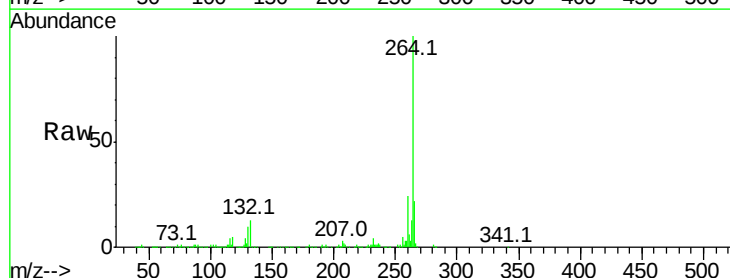
Tgt Ion:264 Resp: 492212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.2	17.7	26.5

264 100

260 24.2 17.4 26.0

265 22.2 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

200000

150000

100000

50000

0

25.06

Time-->

