

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033217.D
 Acq On : 17 Mar 2018 4:22
 Operator : SJ/JU
 Sample : J1931-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1464-OILY-DEBRIS

Quant Time: Mar 17 06:05:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

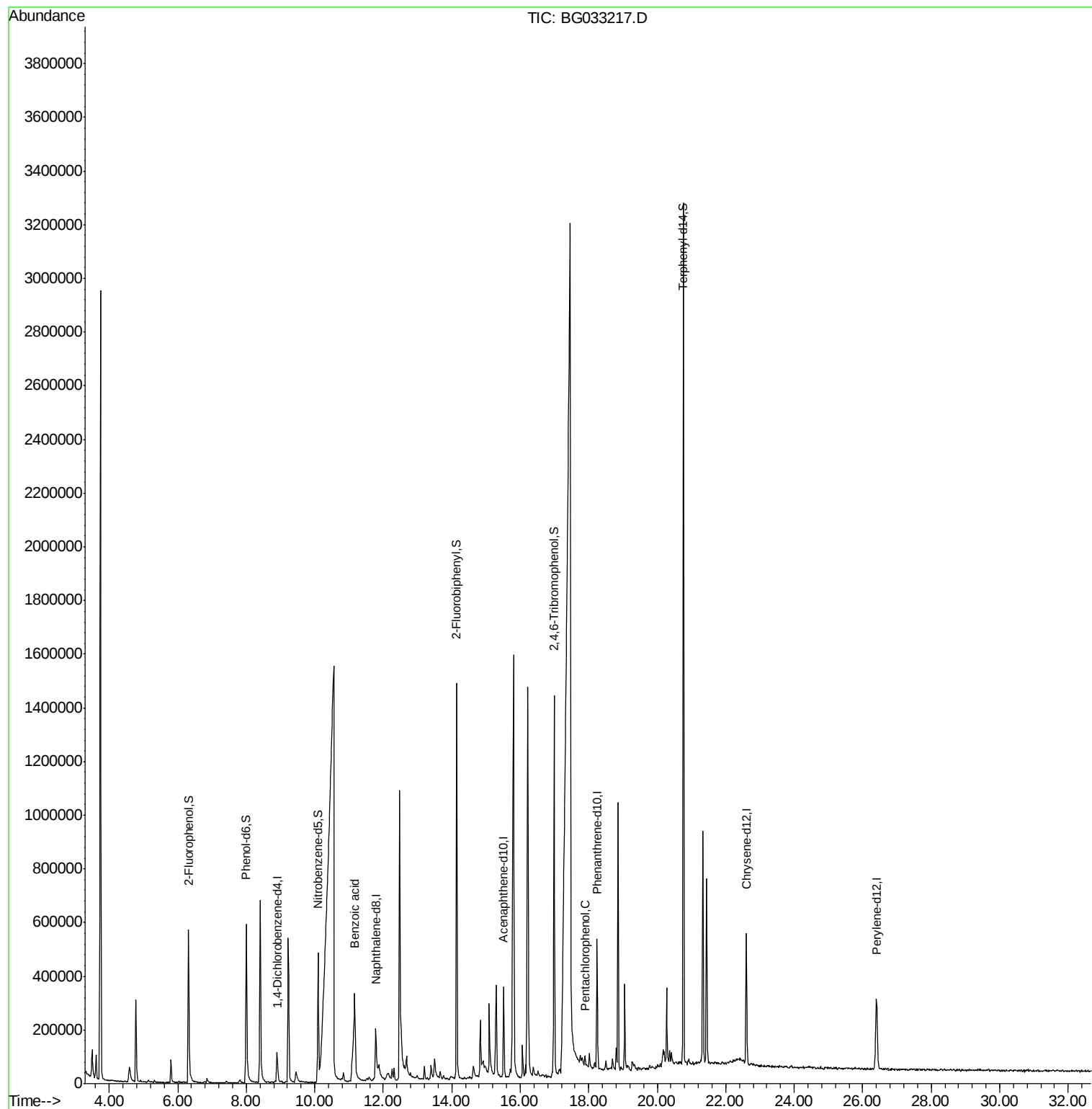
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38592	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	163931	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	126611	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	328160	20.00	ng	0.00
75) Chrysene-d12	22.60	240	340997	20.00	ng	0.00
86) Perylene-d12	26.40	264	371268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	279268	115.77	ng	0.00
7) Phenol-d6	8.00	99	428000	127.29	ng	-0.01
23) Nitrobenzene-d5	10.10	82	355928	143.01	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	301509	226.48	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	851875	97.04	ng	0.00
78) Terphenyl-d14	20.76	244	1582154	104.24	ng	0.00
Target Compounds						
32) Benzoic acid	11.17	122	204805	94.069	ng	Qvalue # 89
69) Pentachlorophenol	17.89	266	5489	2.324	ng	96

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

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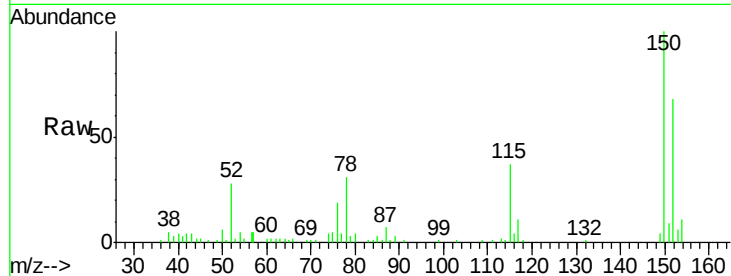


#1

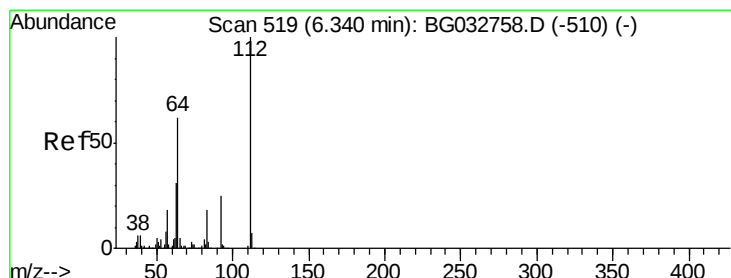
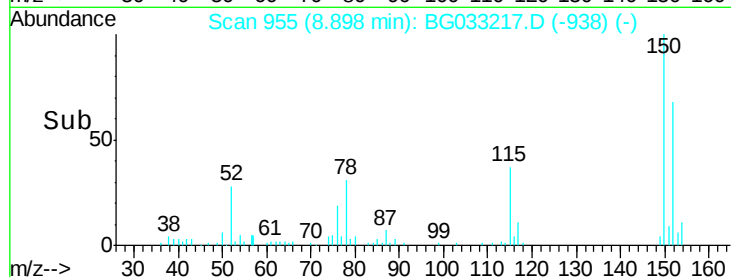
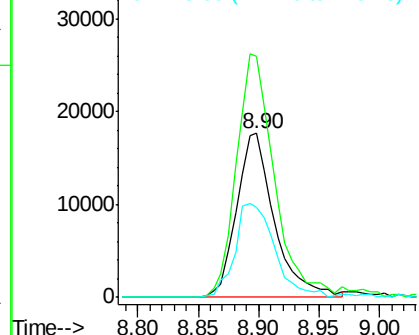
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033217.D
Acq: 17 Mar 2018 4:22

Instrument :
BNA_G
ClientSampleId :
1464-OILY-DEBRIS

Tot Ion:152 Resp: 38592
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 54.8 53.0 79.4



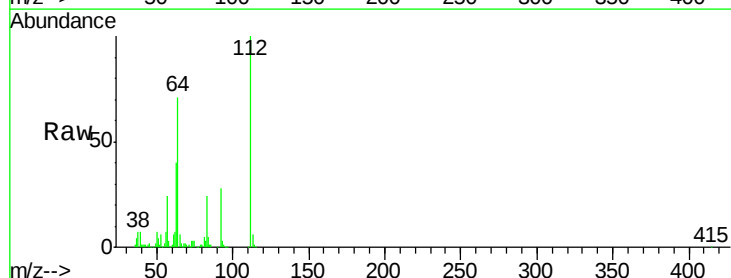
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



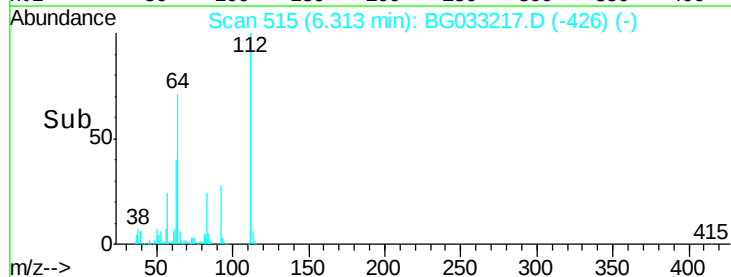
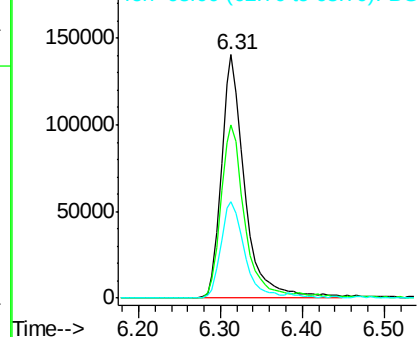
#5

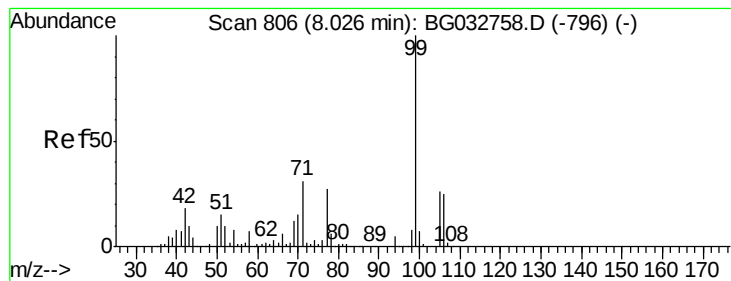
2-Fluorophenol
Concen: 115.772 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033217.D
Acq: 17 Mar 2018 4:22

Tgt Ion:112 Resp: 279268
Ion Ratio Lower Upper
112 100
64 71.3 56.3 84.5
63 39.7 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: 127.294 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Instrument :

BNA_G

ClientSampleId :

1464-OILY-DEBRIS

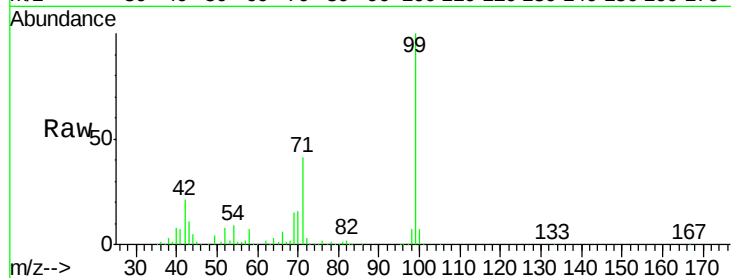
Tot Ion: 99 Resp: 428000

Ion Ratio Lower Upper

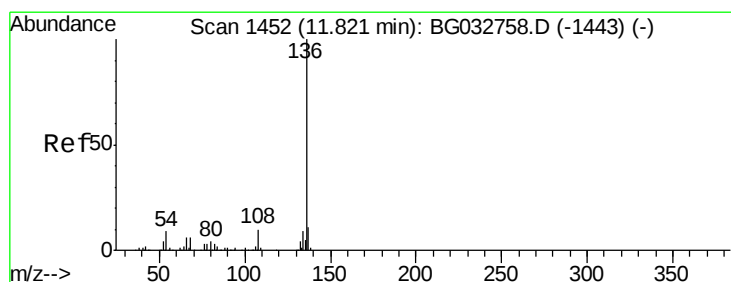
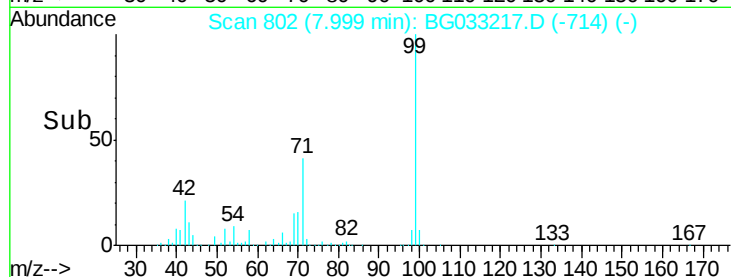
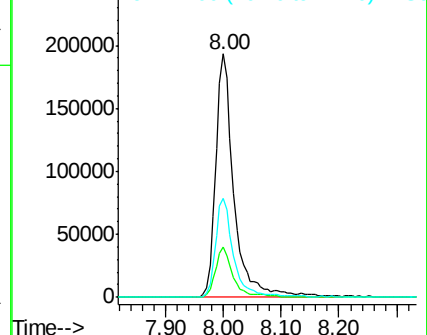
99 100

42 20.8 14.1 21.1

71 40.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Tgt Ion: 136 Resp: 163931

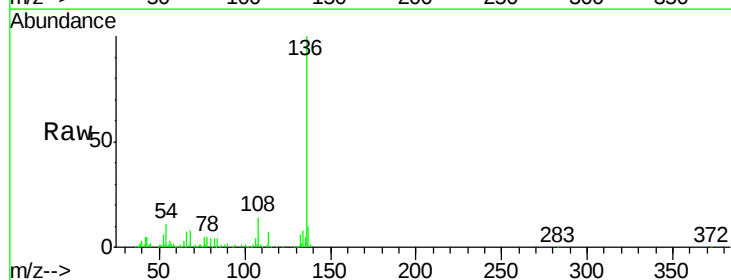
Ion Ratio Lower Upper

136 100

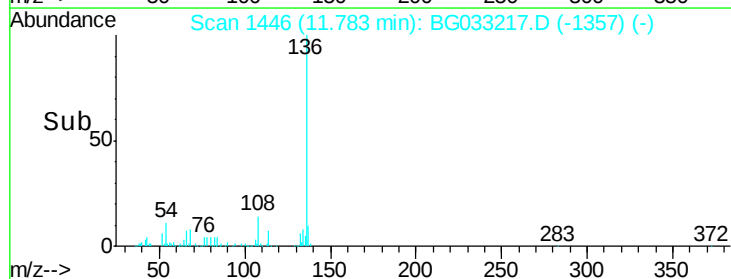
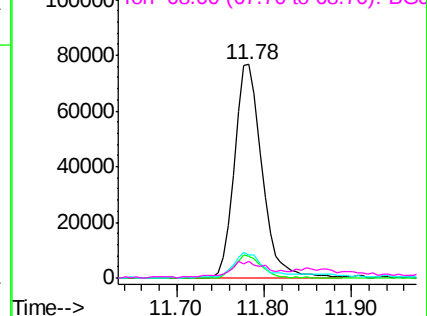
137 10.1 9.2 13.8

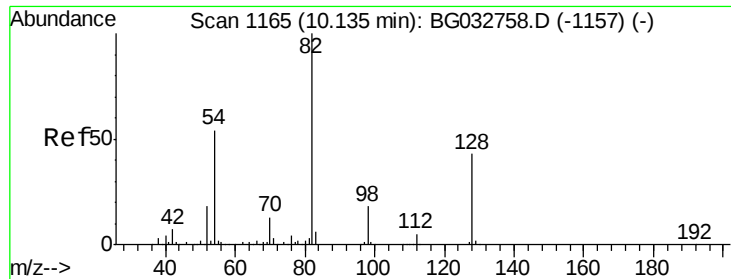
54 10.5 10.3 15.5

68 8.0 4.5 6.7#



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





#23

Nitrobenzene-d5

Concen: 143.013 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Instrument :

BNA_G

ClientSampleId :

1464-OILY-DEBRIS

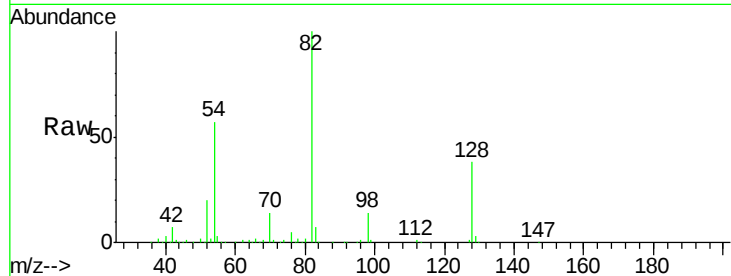
Tot Ion: 82 Resp: 355928

Ion Ratio Lower Upper

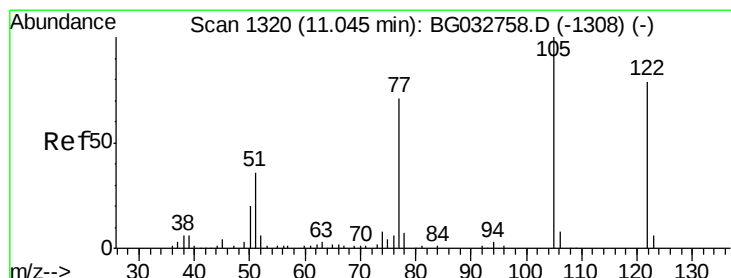
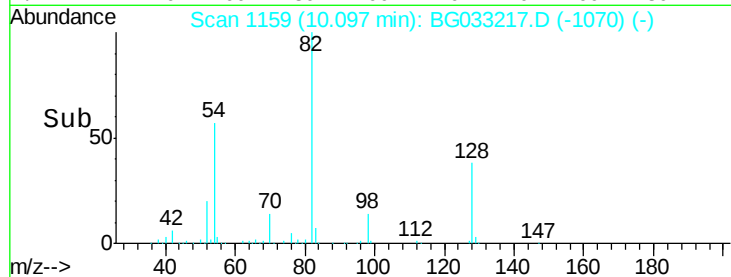
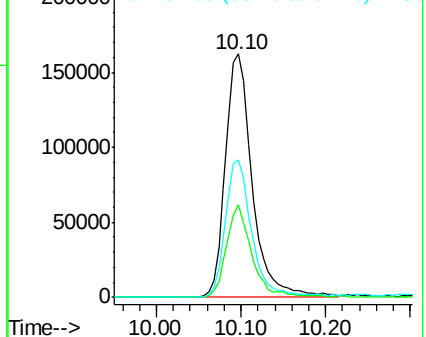
82 100

128 38.0 29.7 44.5

54 56.6 43.1 64.7



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



#32

Benzoic acid

Concen: 94.069 ng

RT: 11.17 min Scan# 1342

Delta R.T. 0.20 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

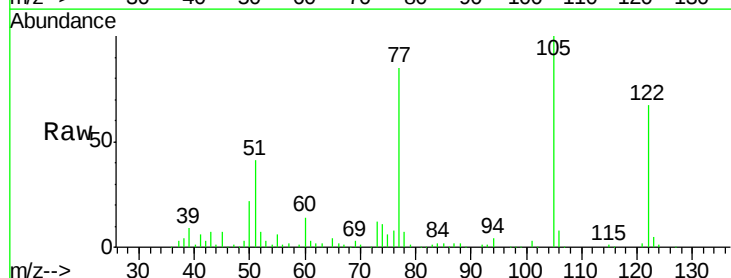
Tgt Ion: 122 Resp: 204805

Ion Ratio Lower Upper

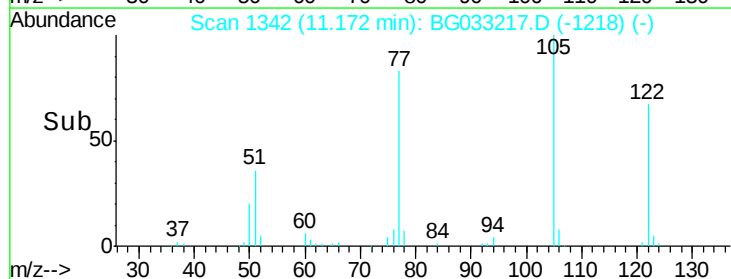
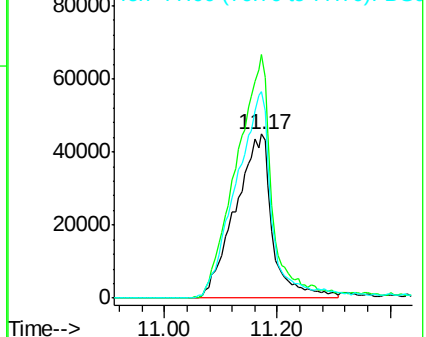
122 100

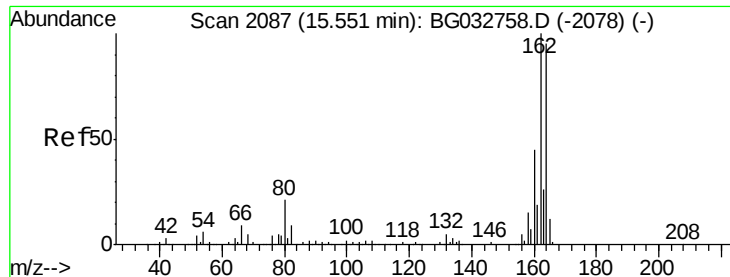
105 148.5 123.5 163.5

77 125.7 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Instrument :

BNA_G

ClientSampleId :

1464-OILY-DEBRIS

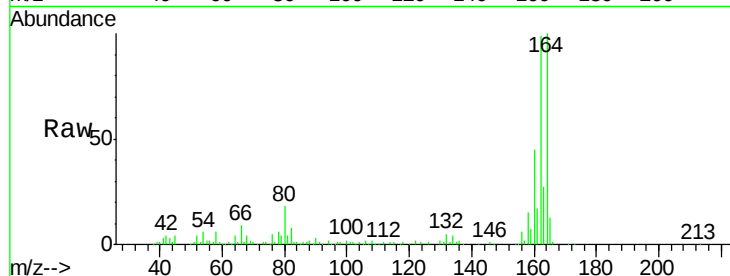
Tot Ion:164 Resp: 126611

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

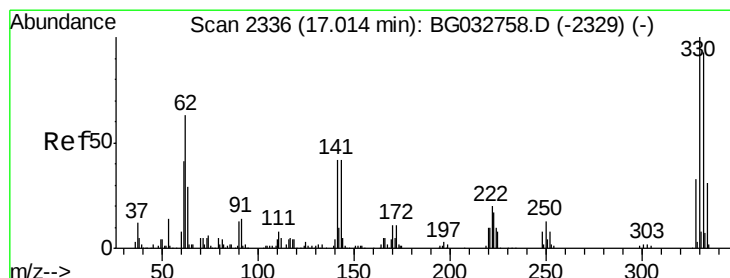
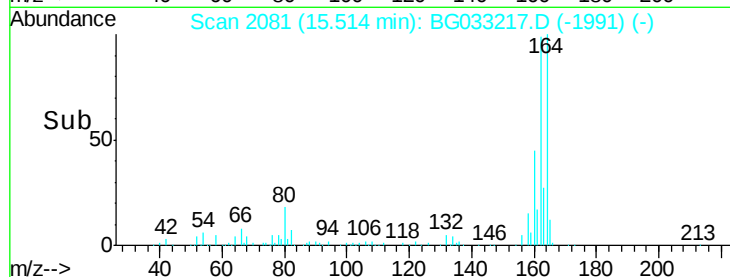
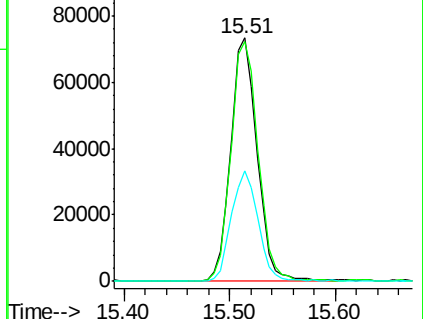
160 45.4 35.4 53.0



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: 226.482 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

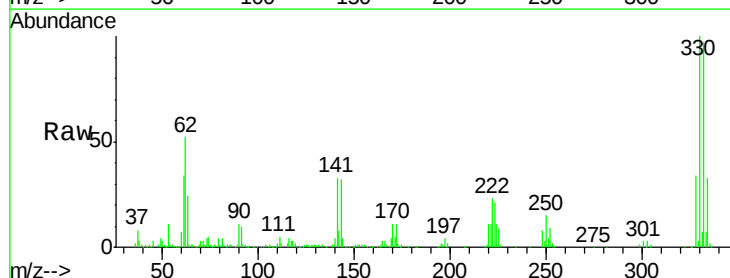
Tgt Ion:330 Resp: 301509

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

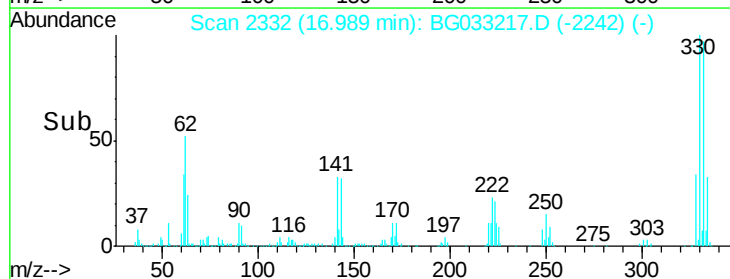
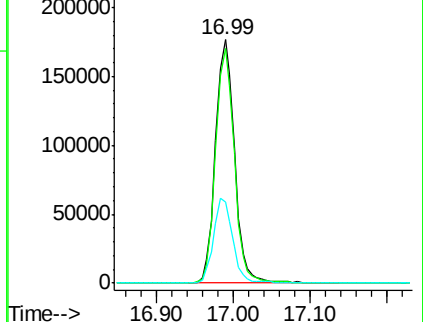
141 34.8 25.2 37.8

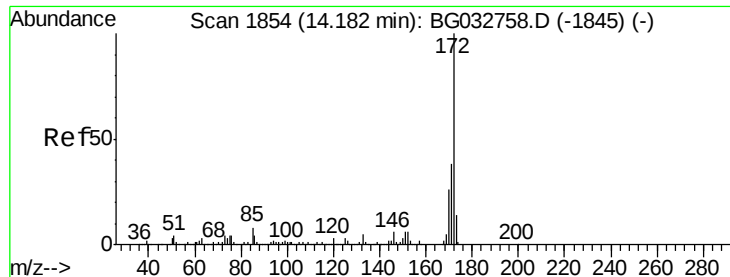


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

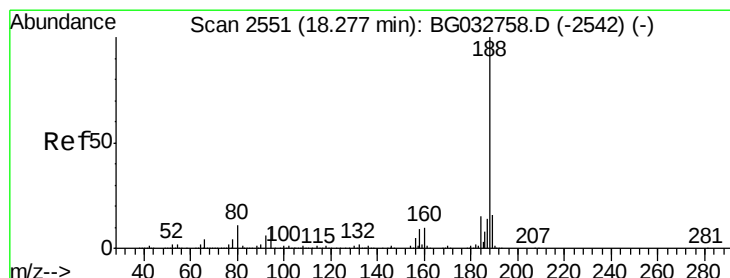
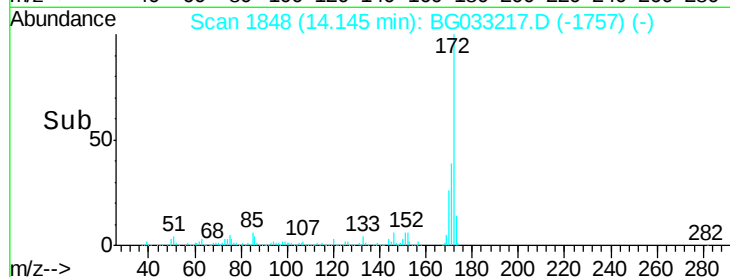
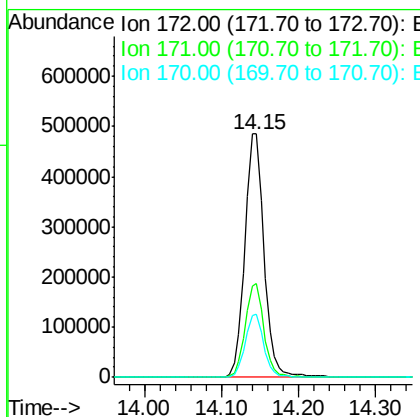
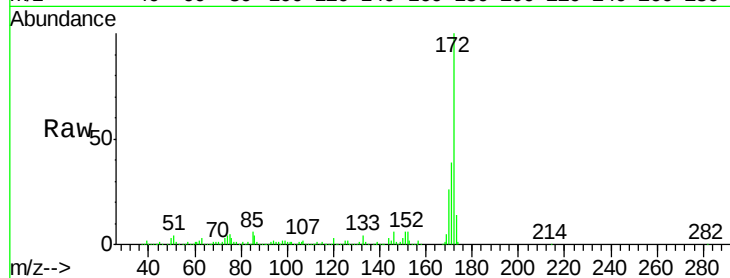




#44
 2-Fluorobiphenyl
 Concen: 97.039 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033217.D
 Acq: 17 Mar 2018 4:22

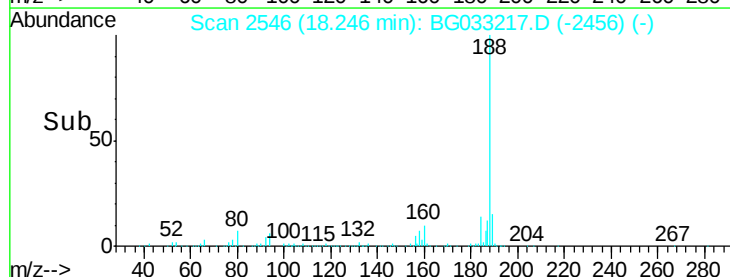
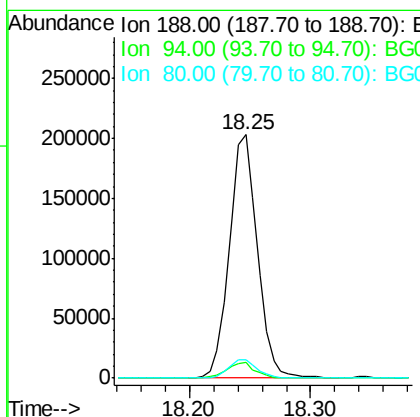
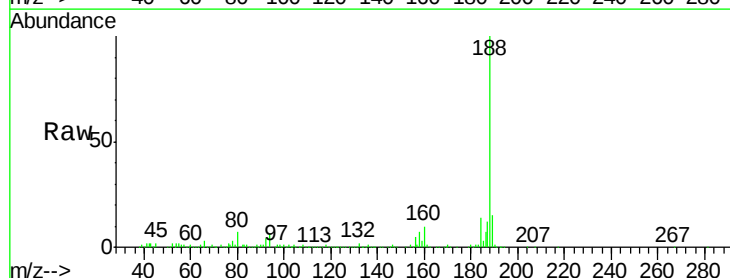
Instrument :
 BNA_G
 ClientSampleId :
 1464-OILY-DEBRIS

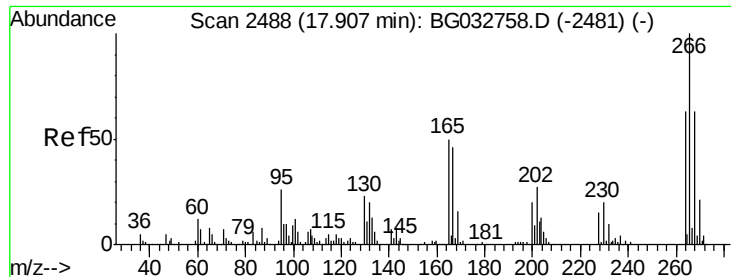
Tot Ion:172 Resp: 851875
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033217.D
 Acq: 17 Mar 2018 4:22

Tgt Ion:188 Resp: 328160
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.3 7.7 11.5#





#69

Pentachlorophenol

Concen: 2.324 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Instrument :

BNA_G

ClientSampleId :

1464-OILY-DEBRIS

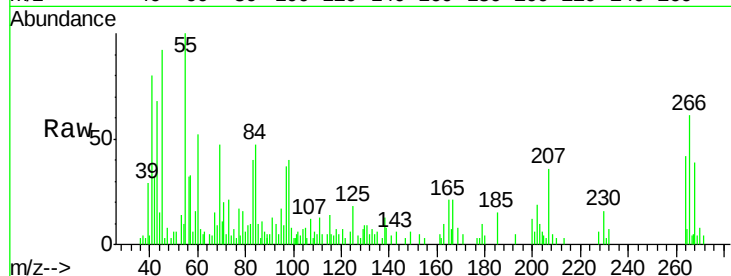
Tot Ion:266 Resp: 5489

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

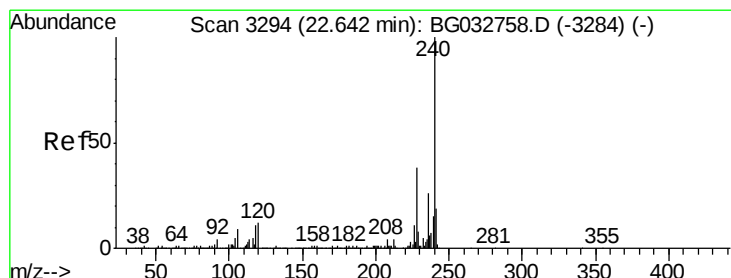
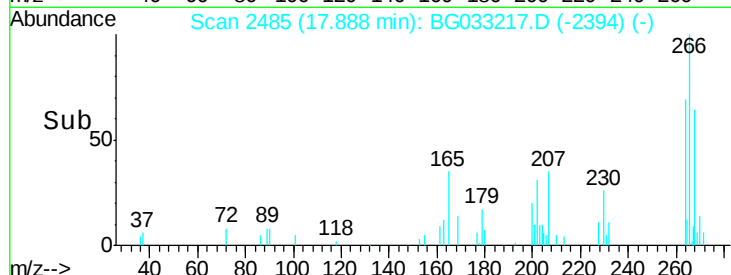
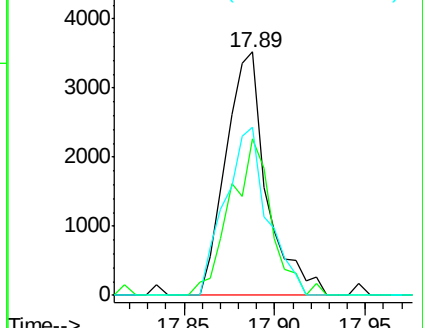
264 68.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

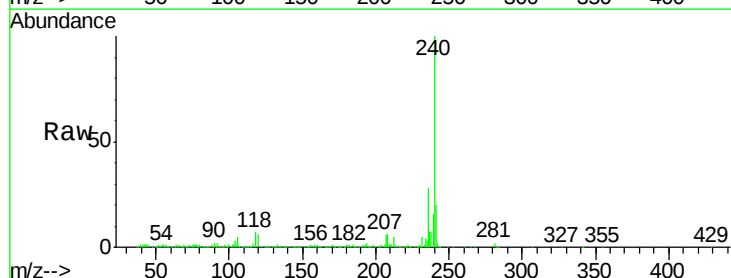
Tgt Ion:240 Resp: 340997

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

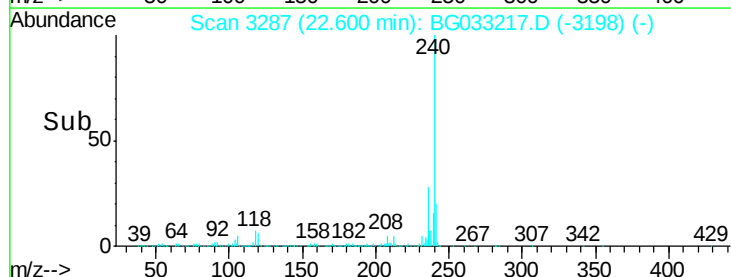
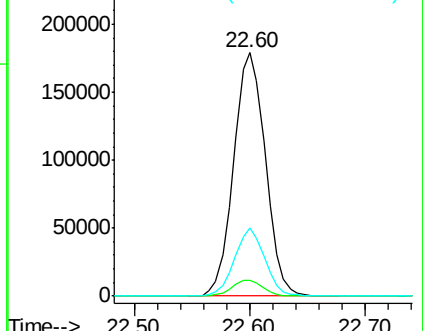
236 28.0 20.9 31.3

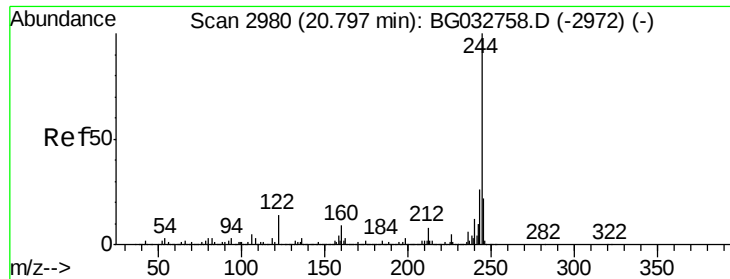


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.243 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

Instrument :

BNA_G

ClientSampleId :

1464-OILY-DEBRIS

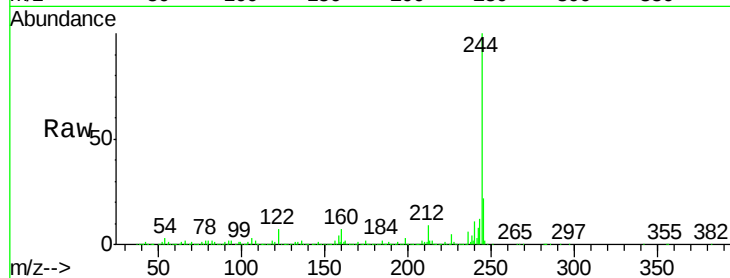
Tot Ion:244 Resp: 1582154

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 7.2 7.0 10.4

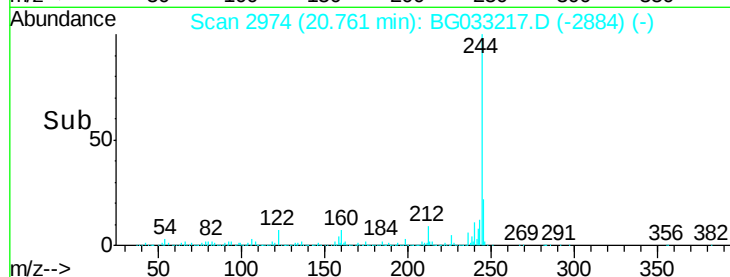


Abundance Ion 244.00 (243.70 to 244.70): E

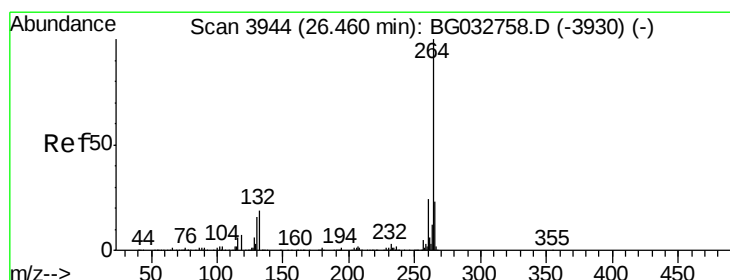
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033217.D

Acq: 17 Mar 2018 4:22

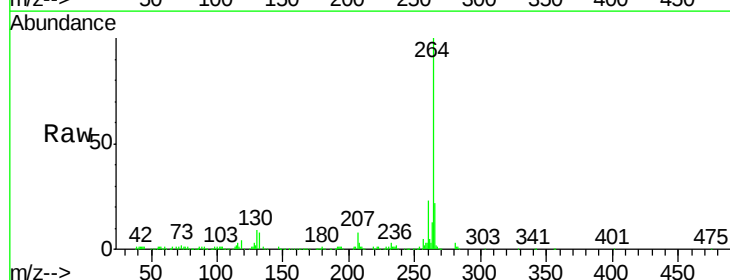
Tgt Ion:264 Resp: 371268

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.7 17.7 26.5

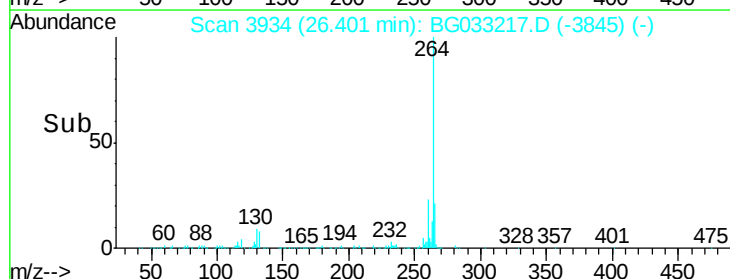


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->