

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031780.D
 Acq On : 27 Dec 2017 3:24
 Operator : SJ/JU
 Sample : I6684-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-122217

Quant Time: Dec 27 06:11:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

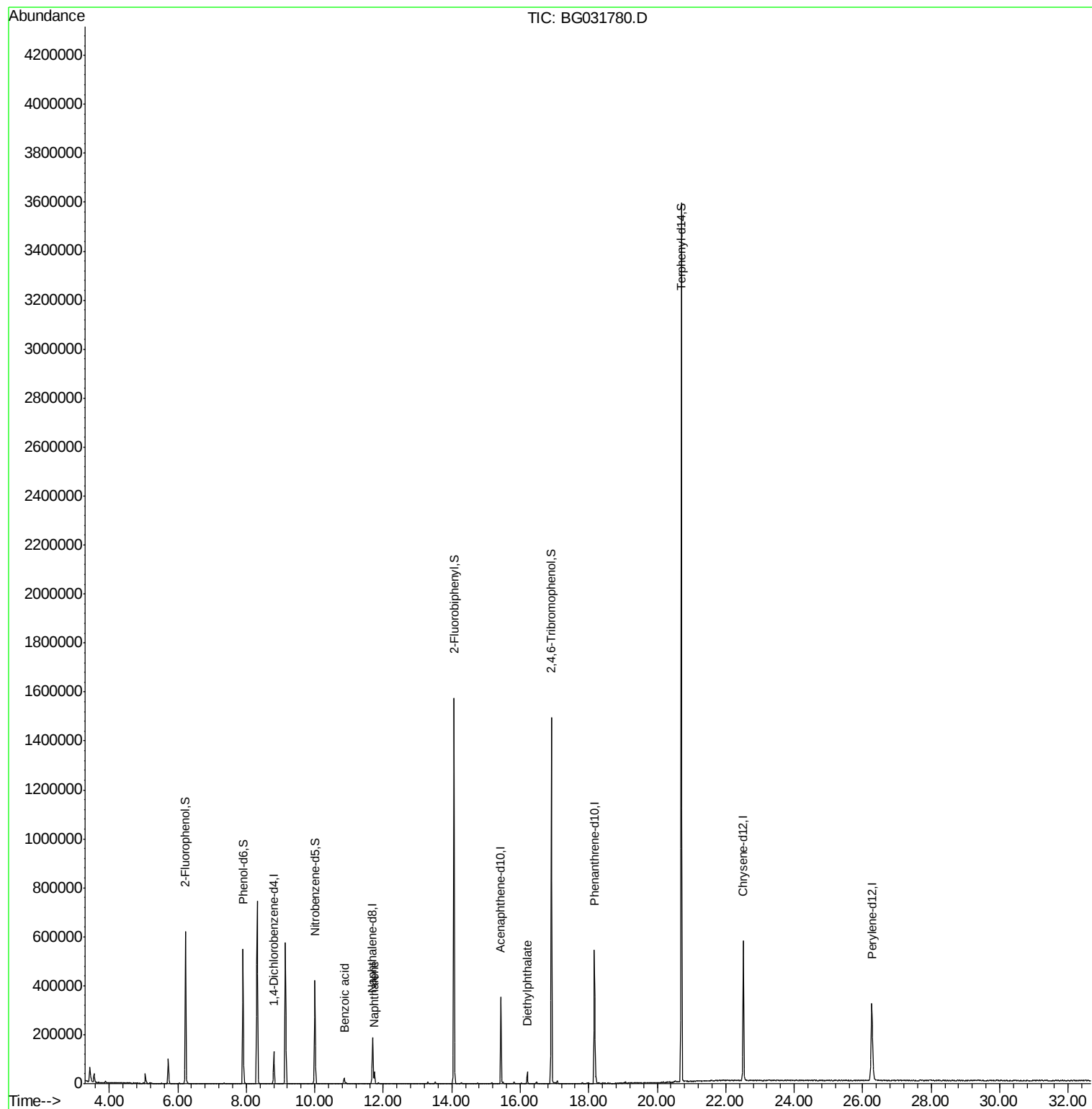
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	47889	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	192229	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134855	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	374186	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	454709	20.00	ng	-0.06
86) Perylene-d12	26.27	264	451971	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	345314	131.33	ng	-0.02
7) Phenol-d6	7.91	99	385321	112.88	ng	-0.02
23) Nitrobenzene-d5	10.00	82	274047	107.65	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	362957	176.39	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	985392	91.71	ng	-0.03
78) Terphenyl-d14	20.70	244	1997193	100.35	ng	-0.03
Target Compounds						
31) Naphthalene	11.74	128	43631	4.497	ng	95
32) Benzoic acid	10.86	122	13239	12.466	ng	# 66
59) Diethylphthalate	16.20	149	31939	2.758	ng	96

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

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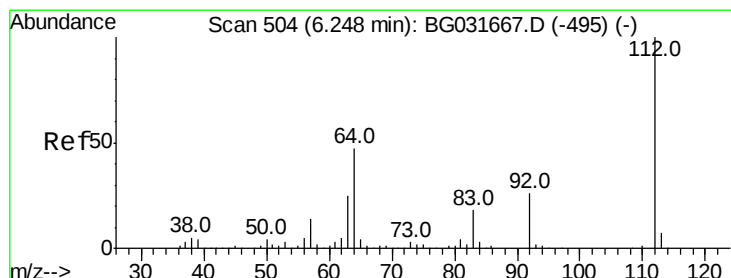
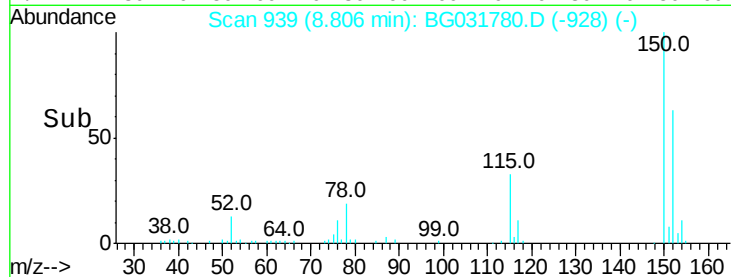
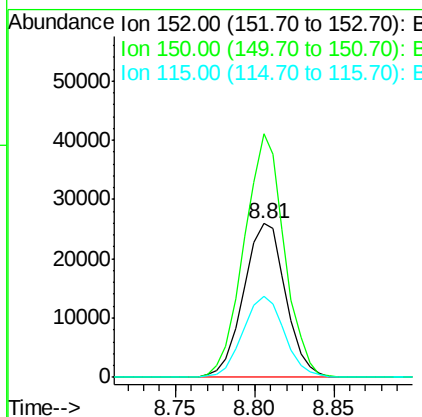
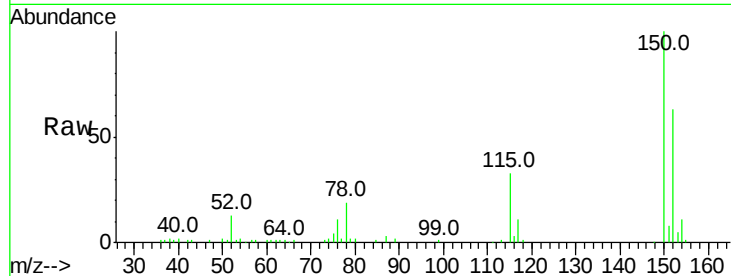




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031780.D
 Acq: 27 Dec 2017 3:24

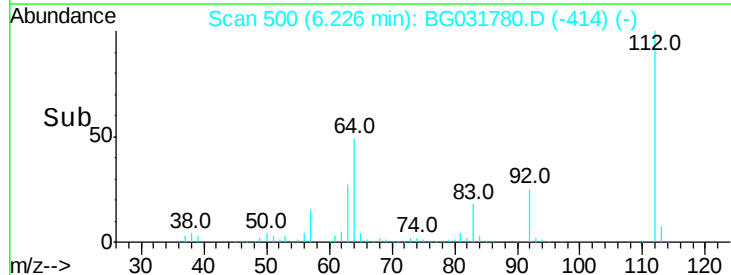
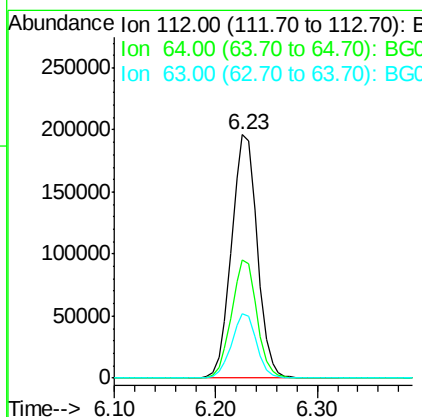
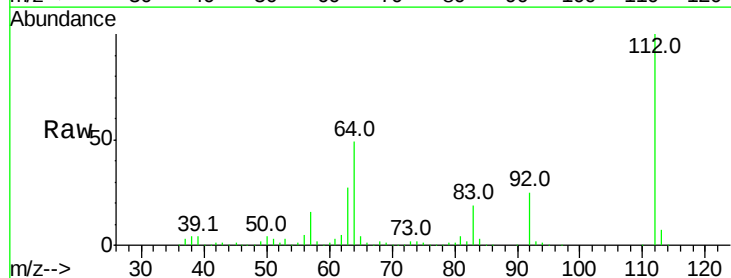
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-122217

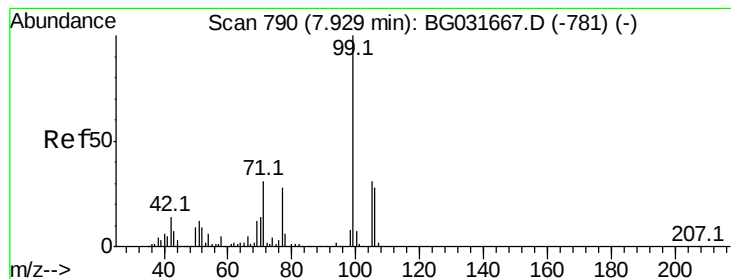
Tot Ion:152 Resp: 47889
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 189.8
 115 53.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 131.335 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031780.D
 Acq: 27 Dec 2017 3:24

Tgt Ion:112 Resp: 345314
 Ion Ratio Lower Upper
 112 100
 64 48.6 56.3 84.5#
 63 26.6 30.1 45.1#





#7

Phenol-d6

Concen: 112.876 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

Instrument :

BNA_G

ClientSampleId :

BU-01-122217

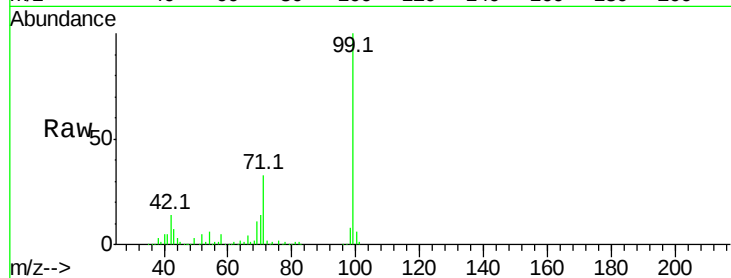
Tot Ion: 99 Resp: 385321

Ion Ratio Lower Upper

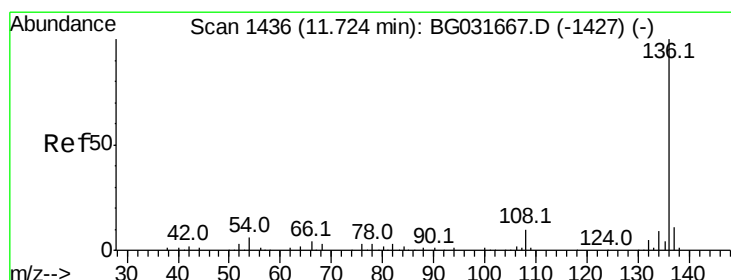
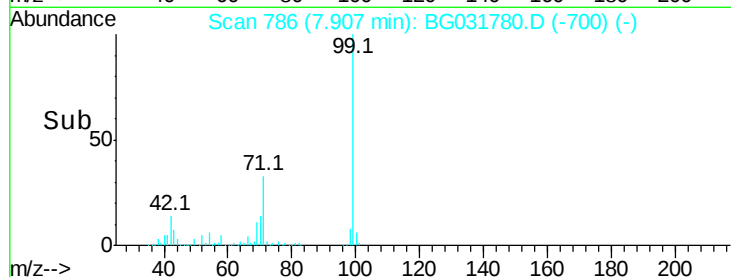
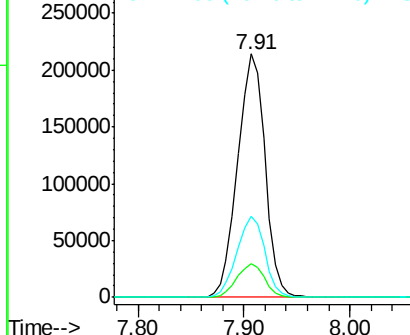
99 100

42 13.8 14.1 21.1#

71 33.4 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

Tgt Ion: 136 Resp: 192229

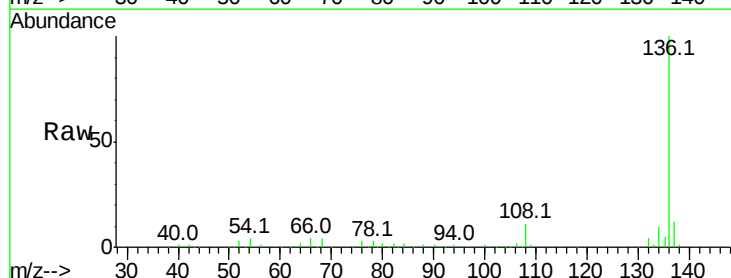
Ion Ratio Lower Upper

136 100

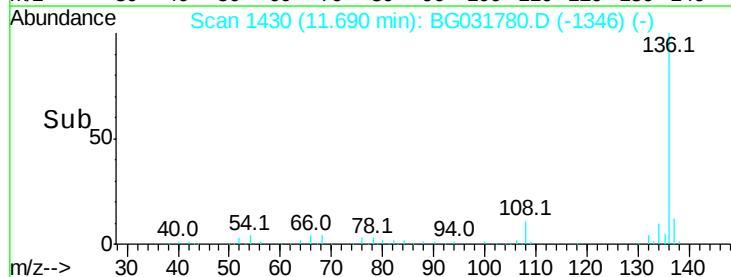
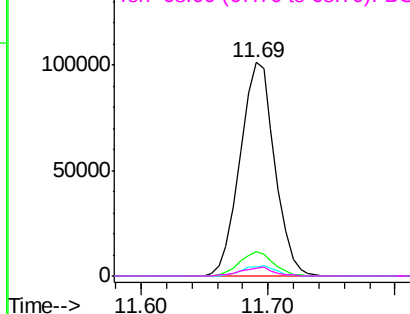
137 11.5 9.2 13.8

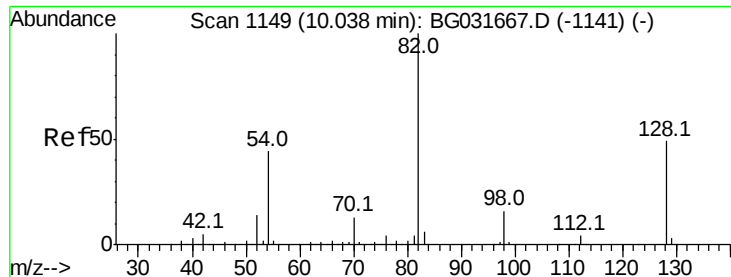
54 4.2 10.3 15.5#

68 3.9 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: 107.652 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

Instrument :

BNA_G

ClientSampleId :

BU-01-122217

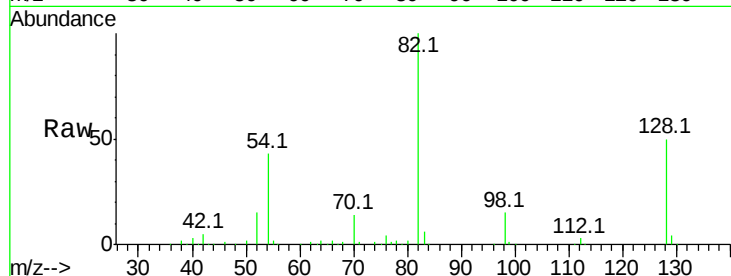
Tot Ion: 82 Resp: 274047

Ion Ratio Lower Upper

82 100

128 50.3 29.7 44.5#

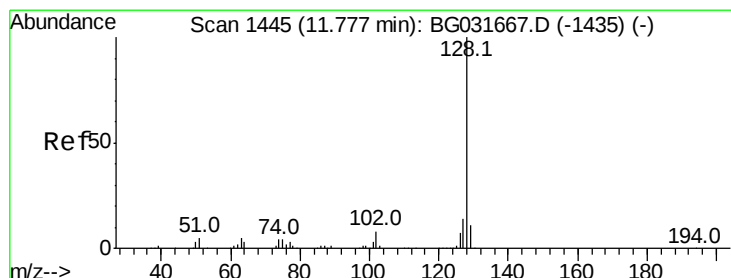
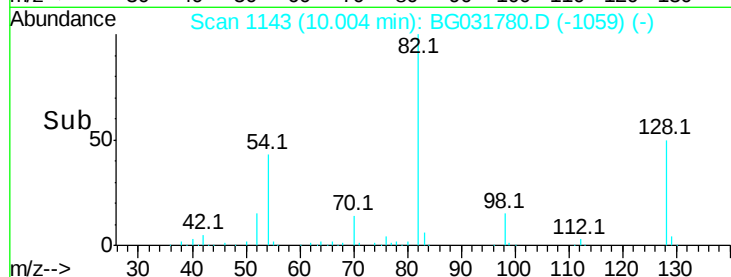
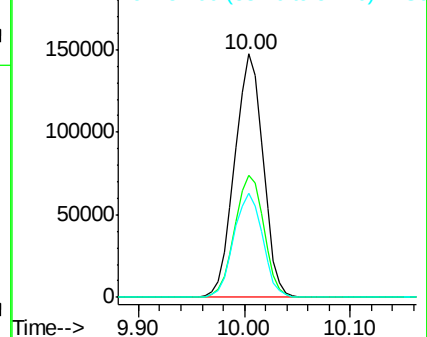
54 42.6 43.1 64.7#



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



#31

Naphthalene

Concen: 4.497 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

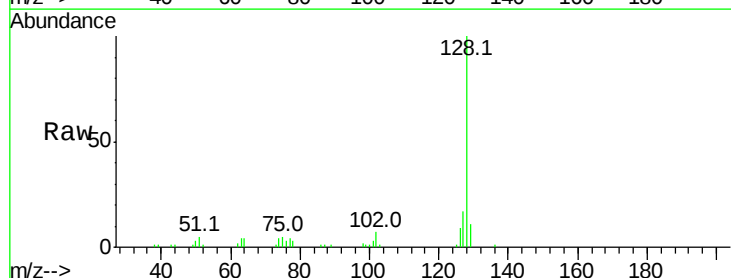
Tgt Ion:128 Resp: 43631

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

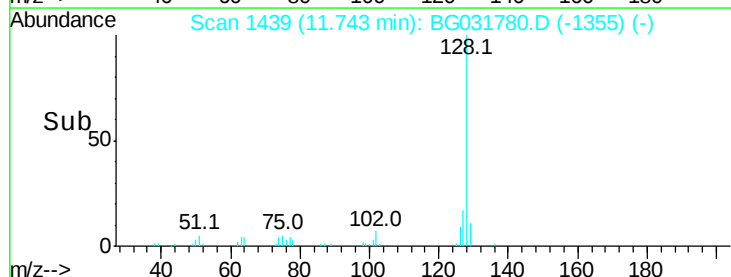
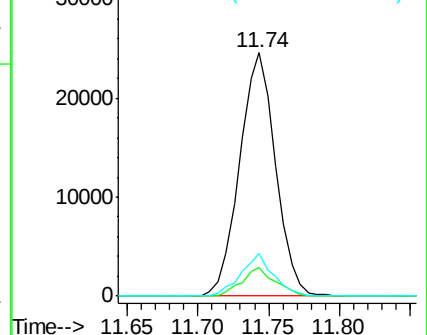
127 17.3 11.6 17.4

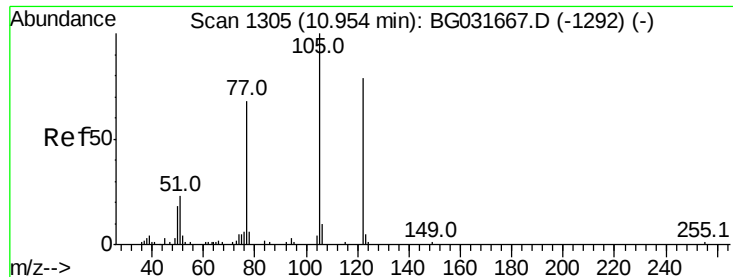


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 12.466 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.09 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

Instrument :

BNA_G

ClientSampleId :

BU-01-122217

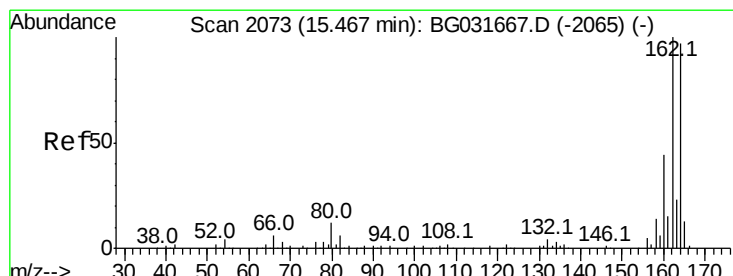
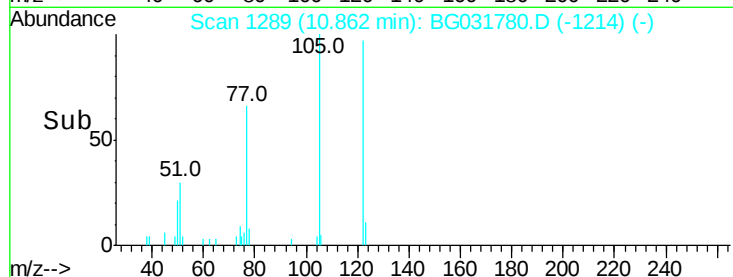
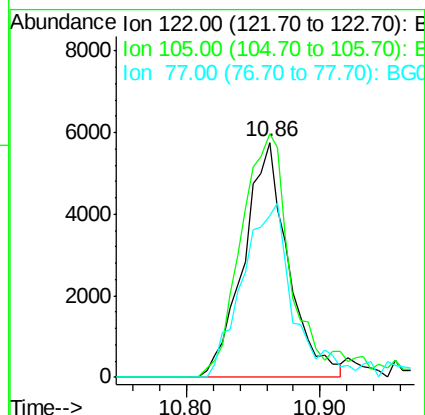
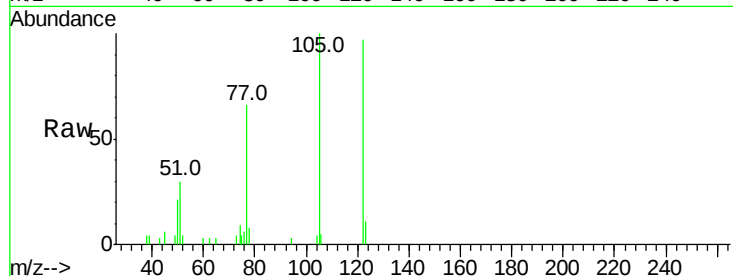
Tot Ion:122 Resp: 13239

Ion Ratio Lower Upper

122 100

105 103.6 123.5 163.5#

77 68.8 85.7 125.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

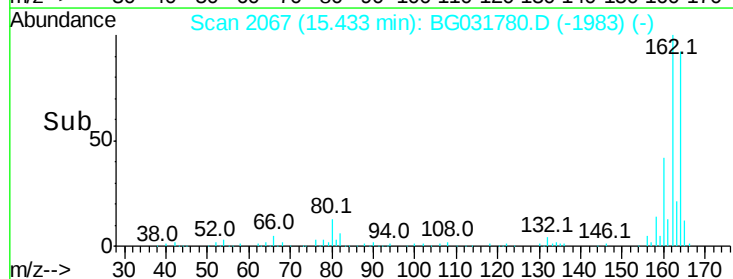
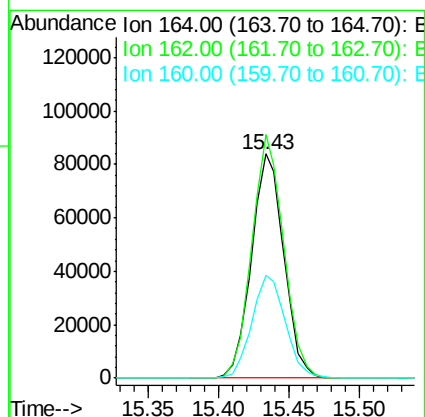
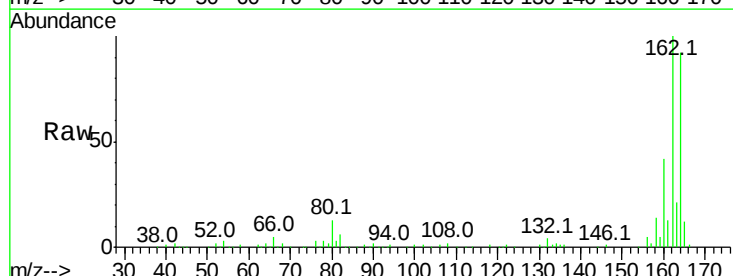
Tgt Ion:164 Resp: 134855

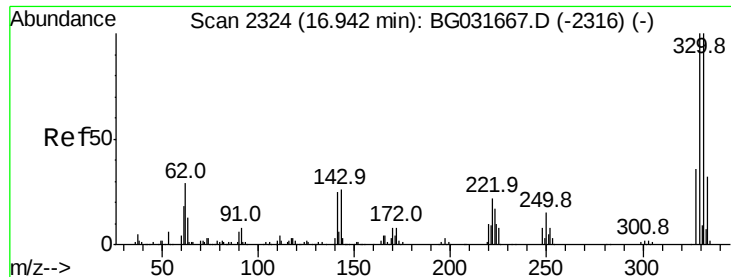
Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

160 45.6 35.4 53.0

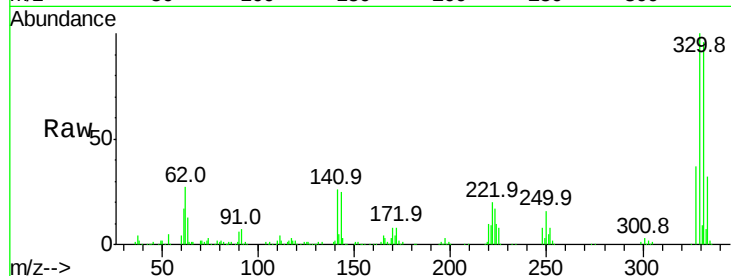




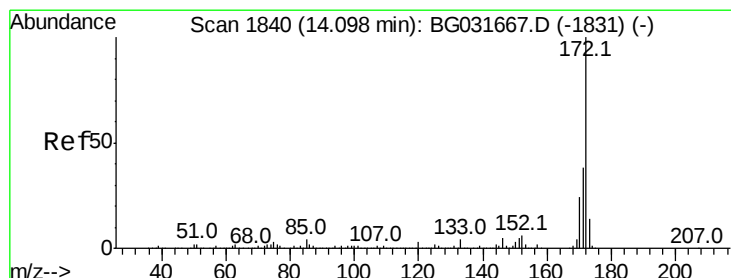
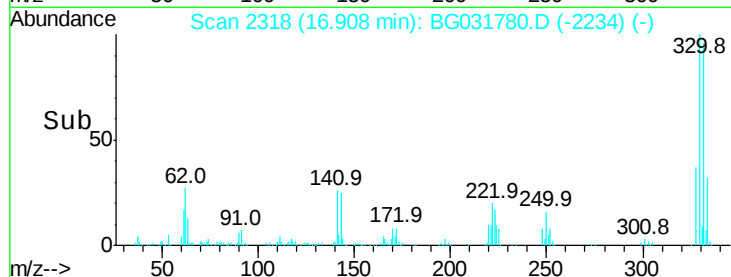
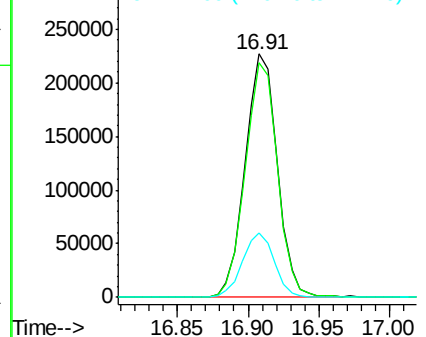
#41
 2,4,6-Tribromophenol
 Concen: 176.390 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031780.D
 Acq: 27 Dec 2017 3:24

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-122217

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.2	25.2	37.8

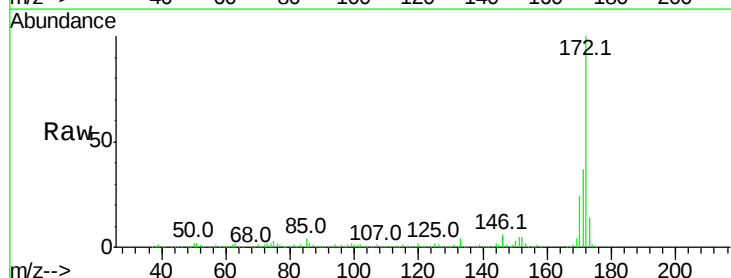


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

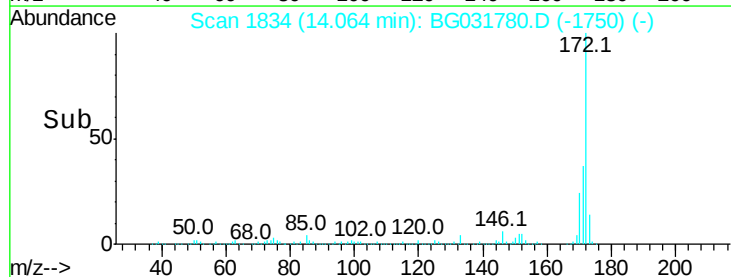
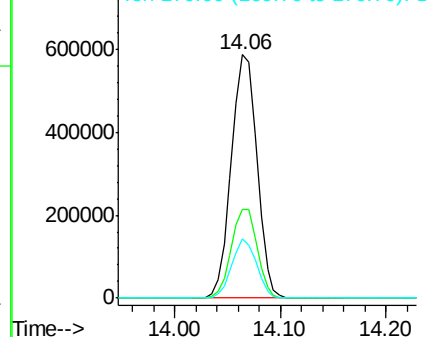


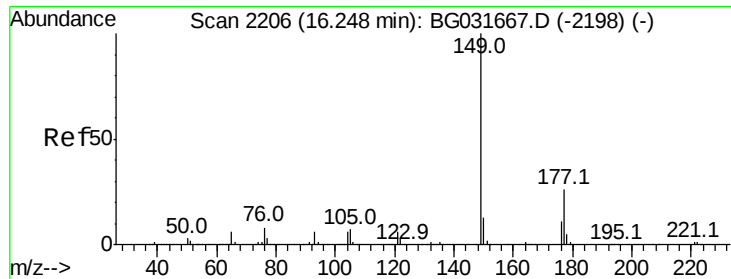
#44
 2-Fluorobiphenyl
 Concen: 91.713 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031780.D
 Acq: 27 Dec 2017 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

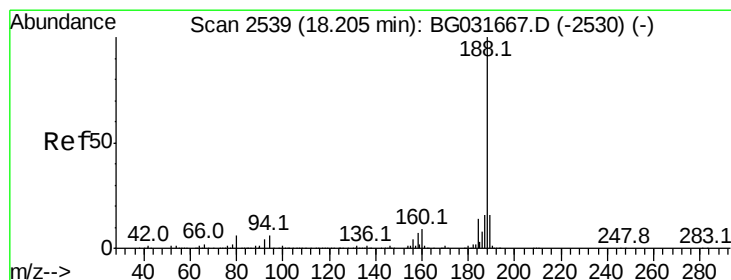
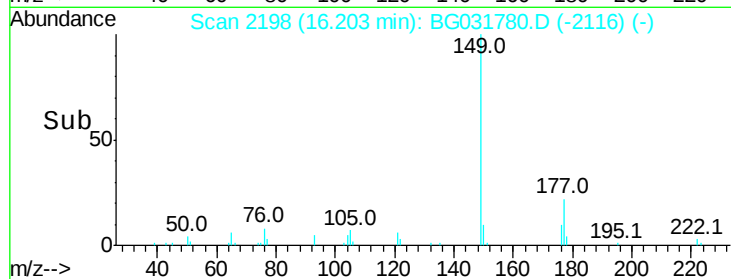
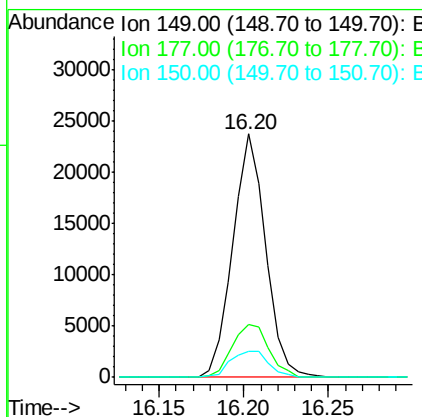
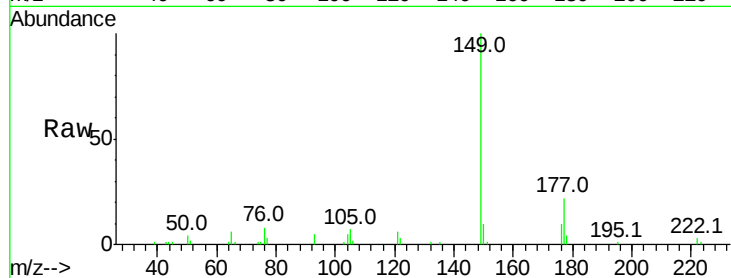




#59
Diethylphthalate
Concen: 2.758 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BG031780.D
Acq: 27 Dec 2017 3:24

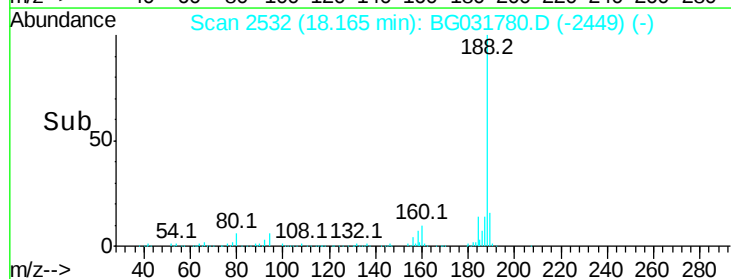
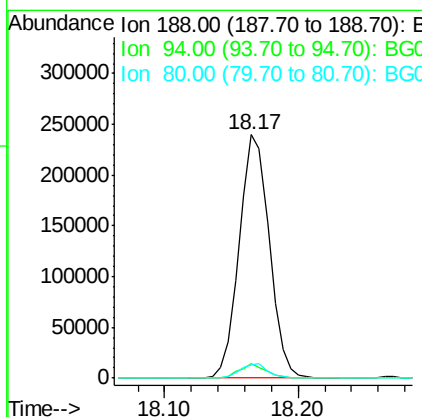
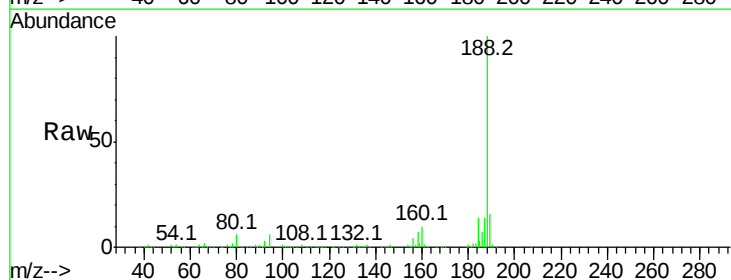
Instrument :
BNA_G
ClientSampleId :
BU-01-122217

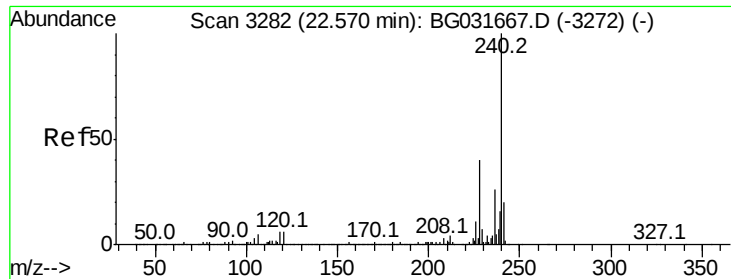
Tot Ion:149 Resp: 31939
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 10.4 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031780.D
Acq: 27 Dec 2017 3:24

Tgt Ion:188 Resp: 374186
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 5.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

Instrument :

BNA_G

ClientSampleId :

BU-01-122217

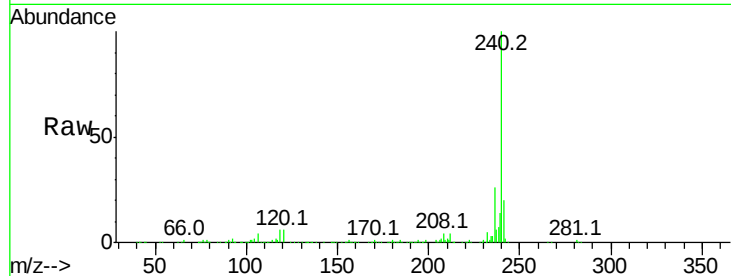
Tot Ion:240 Resp: 454709

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

236 26.0 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

22.51

200000

150000

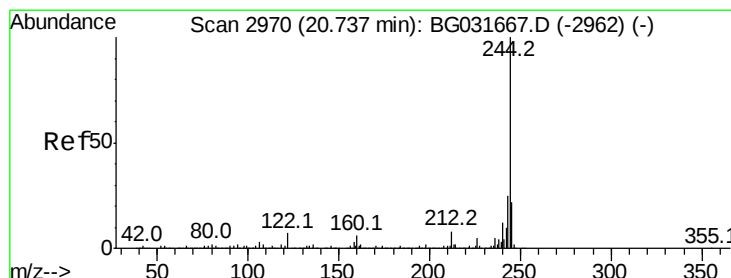
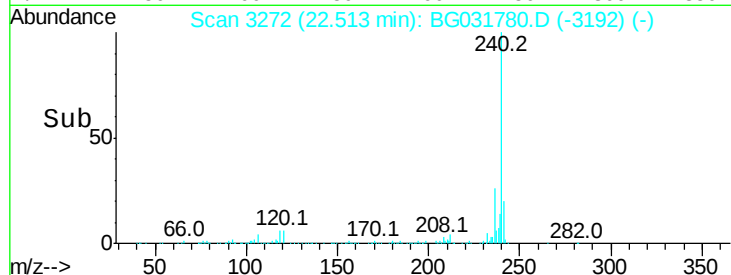
100000

50000

0

22.40 22.50 22.60

Time-->



#78

Terphenyl-d14

Concen: 100.347 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031780.D

Acq: 27 Dec 2017 3:24

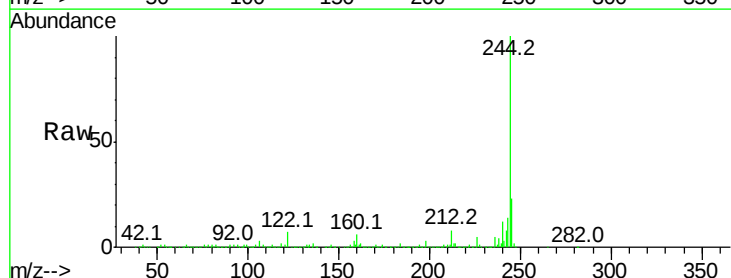
Tgt Ion:244 Resp: 1997193

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 6.9 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

20.70

1500000

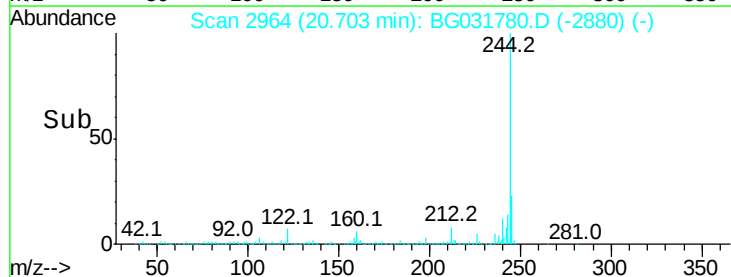
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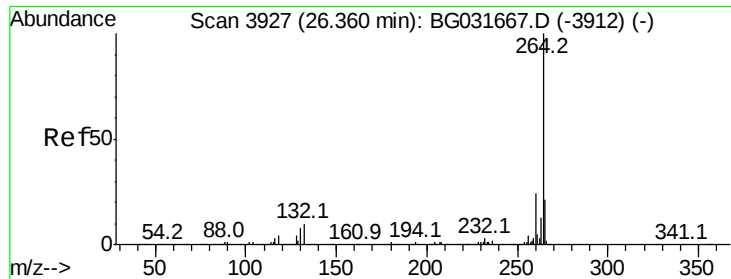
500000

0

20.60 20.70 20.80

Time-->

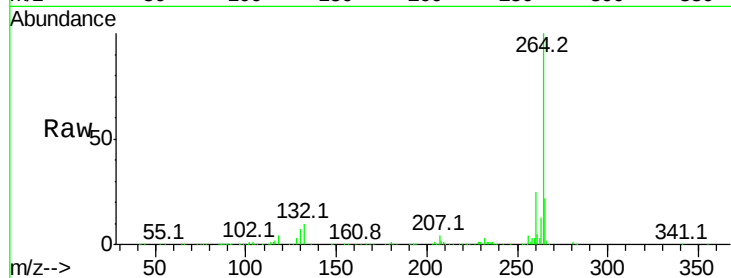




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031780.D
 Acq: 27 Dec 2017 3:24

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-122217

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	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

