

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032233.D
 Acq On : 23 Jan 2018 16:00
 Operator : SJ/JU
 Sample : J1240-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CA-1

Quant Time: Jan 24 04:04:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

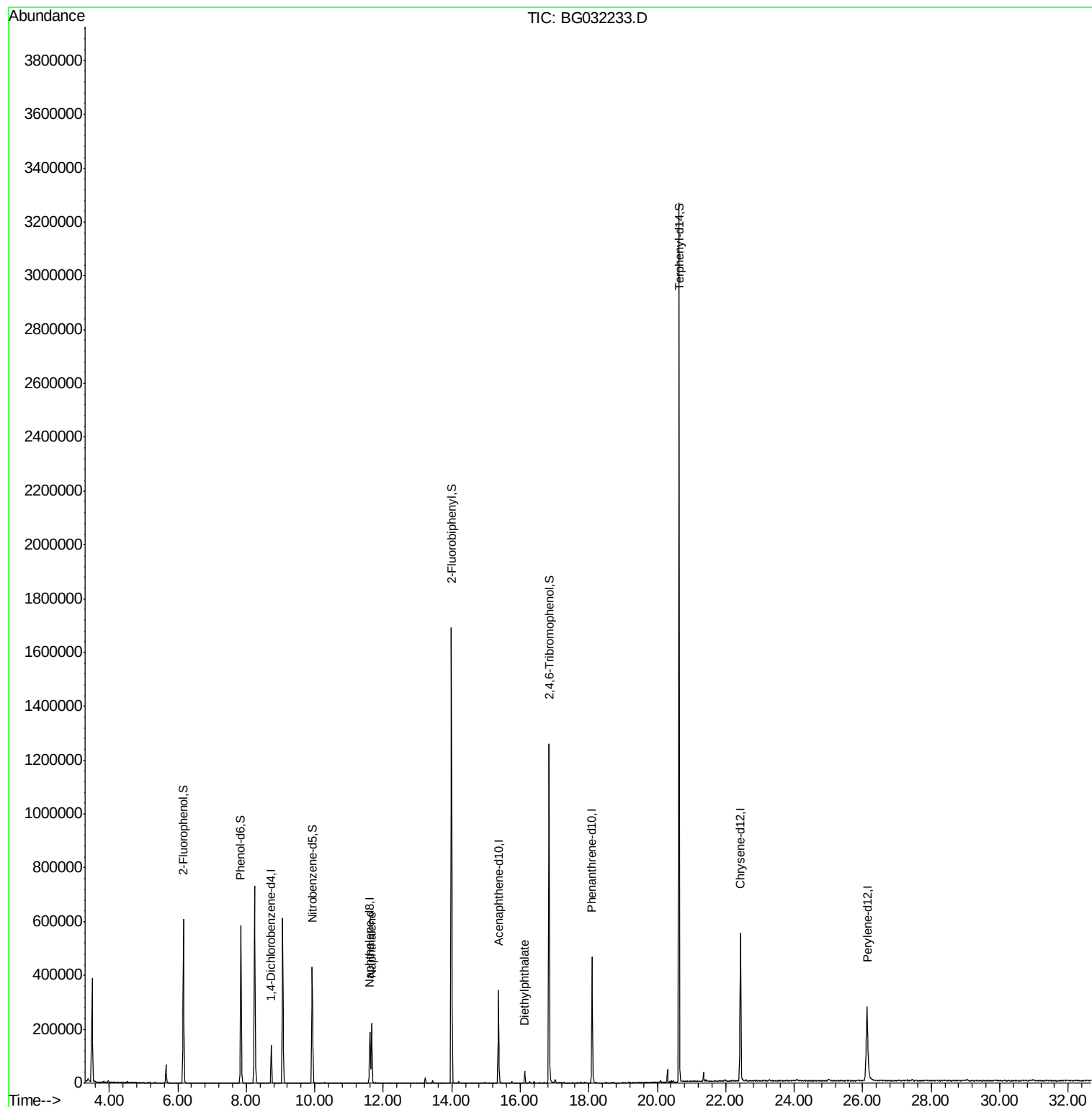
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	44731	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	187724	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	132910	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	334164	20.00	ng	-0.01
75) Chrysene-d12	22.43	240	430624	20.00	ng	-0.02
86) Perylene-d12	26.13	264	443637	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	307221	125.61	ng	0.00
7) Phenol-d6	7.84	99	355450	115.40	ng	0.00
23) Nitrobenzene-d5	9.93	82	272141	98.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	292944	133.20	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	981163	91.54	ng	-0.01
78) Terphenyl-d14	20.63	244	1767966	90.65	ng	-0.02
Target Compounds						
31) Naphthalene	11.66	128	209313	22.508	ng	99
59) Diethylphthalate	16.13	149	25685	2.278	ng	95

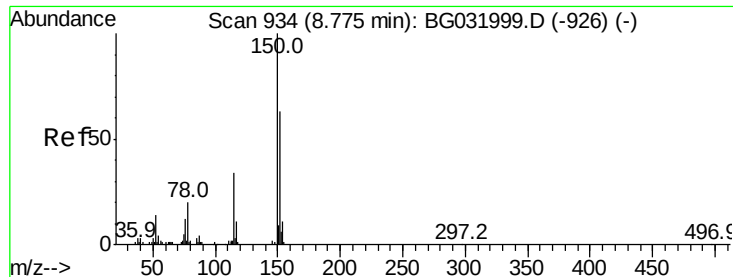
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Instrument :

BNA_G

ClientSampled :

CA-1

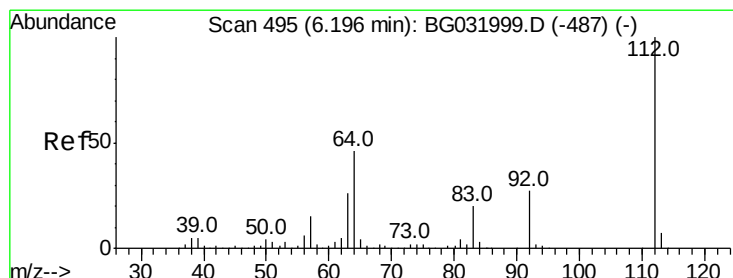
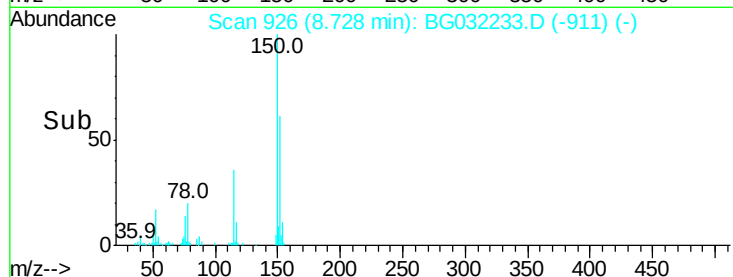
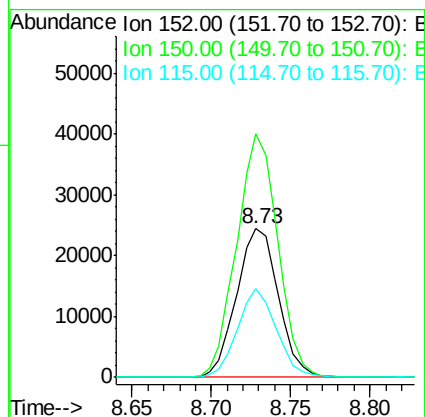
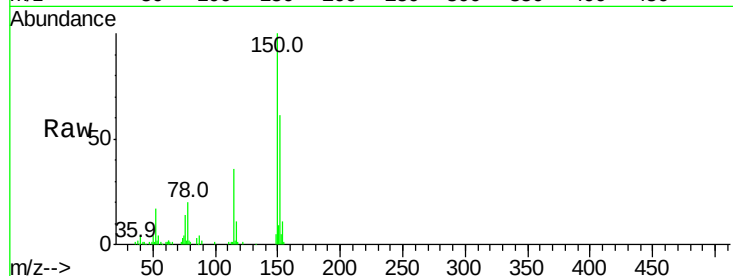
Tot Ion:152 Resp: 44731

Ion Ratio Lower Upper

152 100

150 164.0 126.6 189.8

115 59.4 53.0 79.4



#5

2-Fluorophenol

Concen: 125.615 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

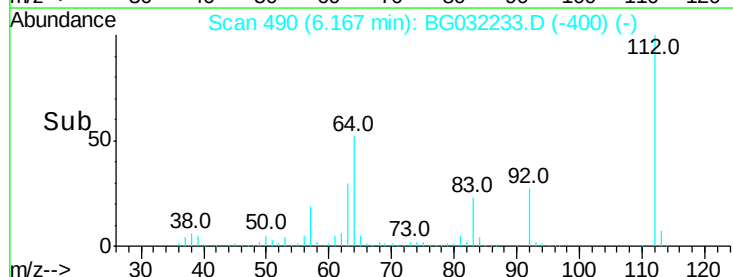
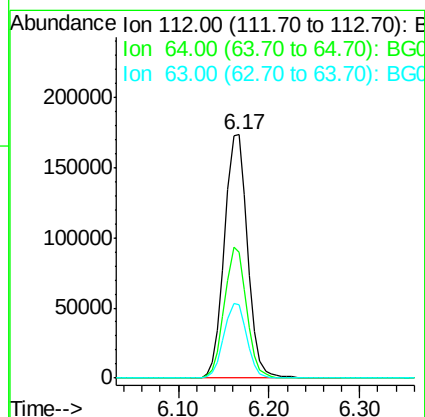
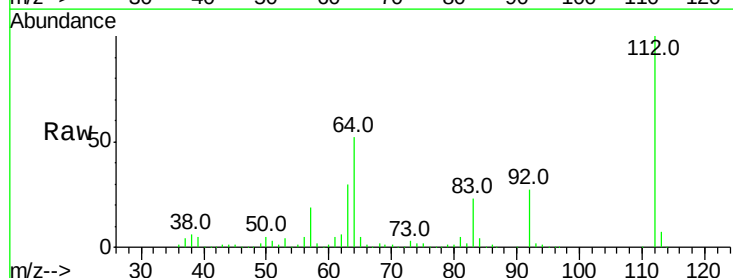
Tgt Ion:112 Resp: 307221

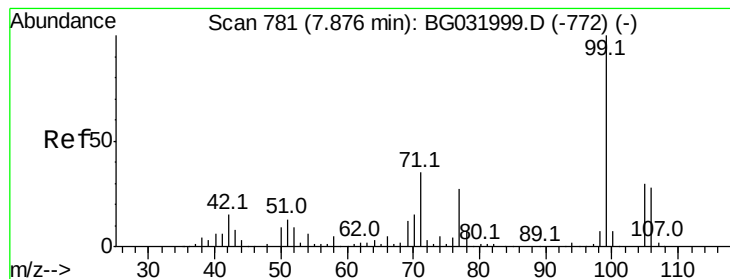
Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 115.396 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

CA-1

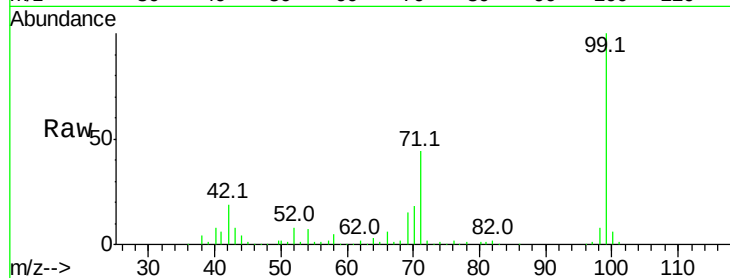
Tot Ion: 99 Resp: 355450

Ion Ratio Lower Upper

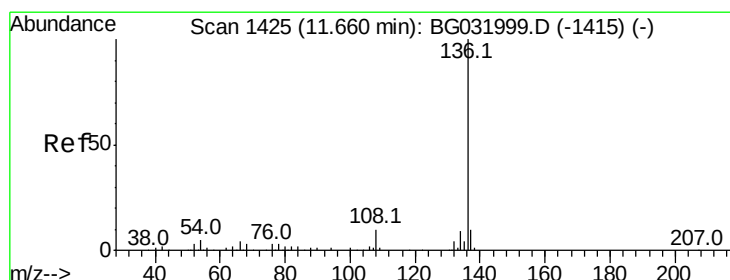
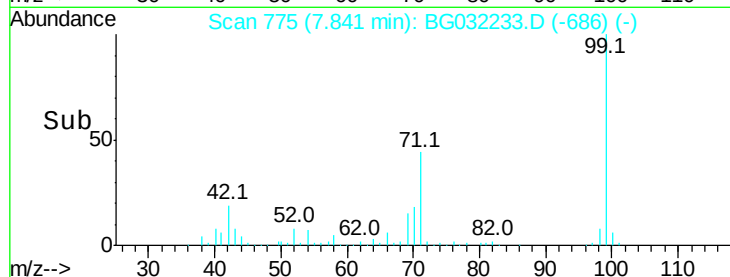
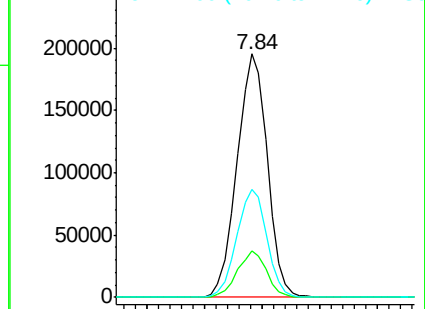
99 100

42 19.1 14.1 21.1

71 44.4 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: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Tgt Ion: 136 Resp: 187724

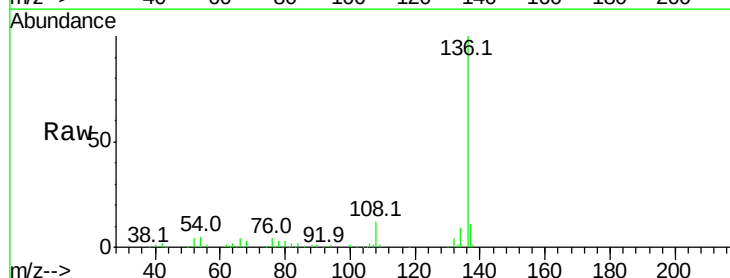
Ion Ratio Lower Upper

136 100

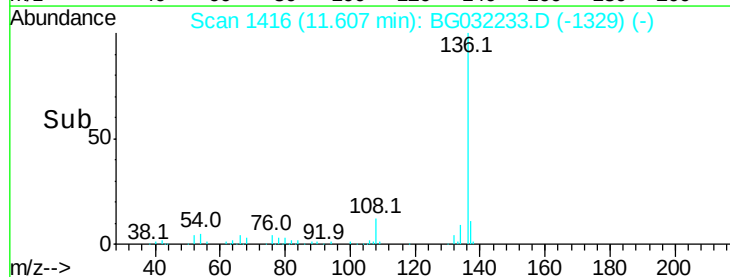
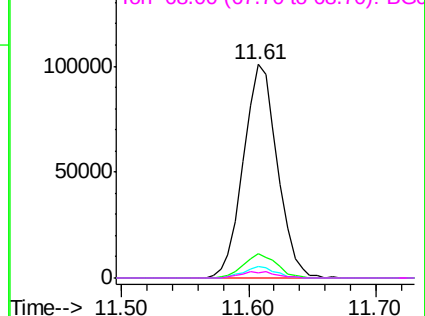
137 11.3 9.2 13.8

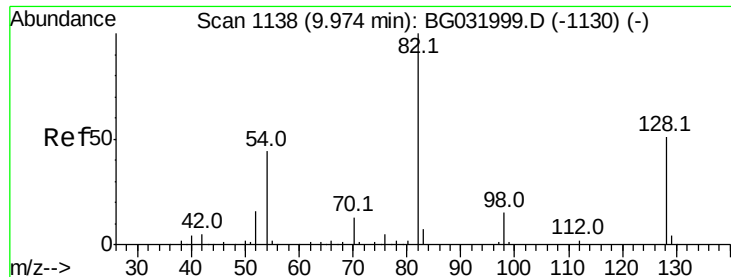
54 5.3 10.3 15.5#

68 2.6 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

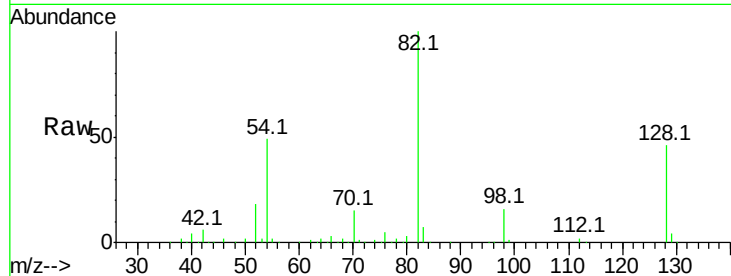




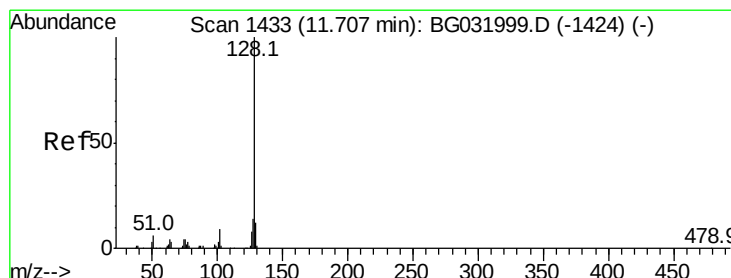
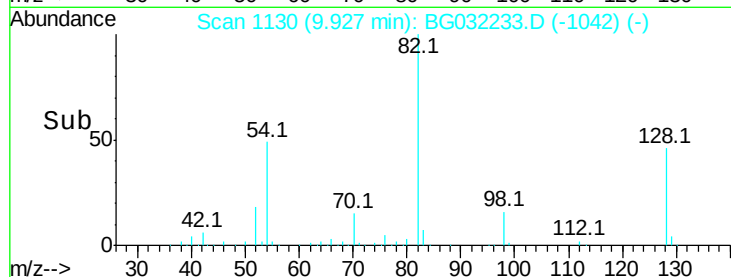
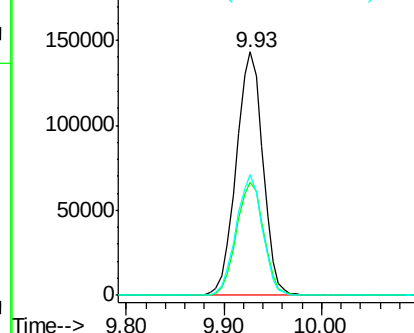
#23
Nitrobenzene-d5
Concen: 98.078 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG032233.D
Acq: 23 Jan 2018 16:00

Instrument :
BNA_G
ClientSampled :
CA-1

Tot Ion: 82 Resp: 272141
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 49.3 43.1 64.7

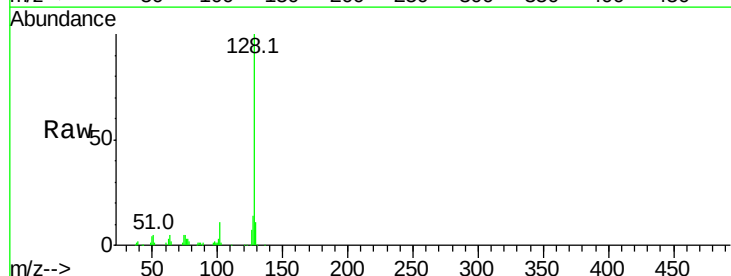


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

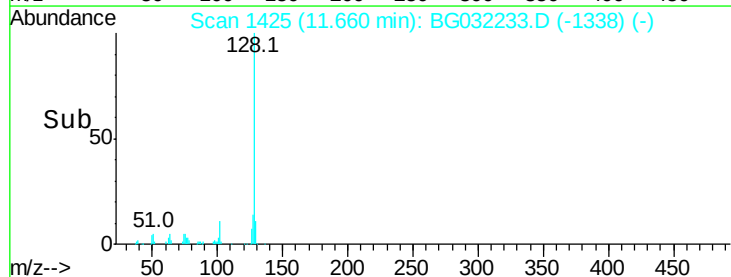
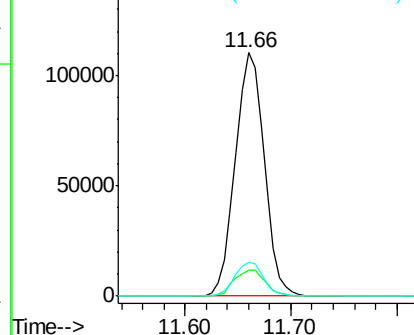


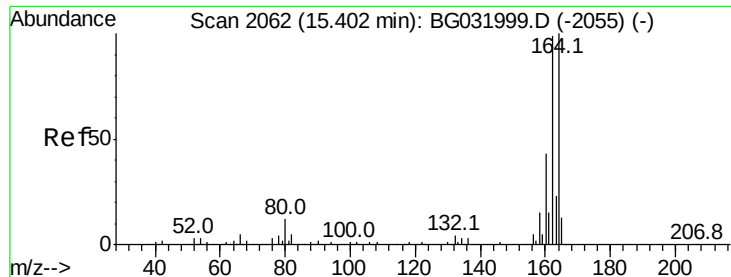
#31
Naphthalene
Concen: 22.508 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG032233.D
Acq: 23 Jan 2018 16:00

Tgt Ion: 128 Resp: 209313
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 14.0 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Instrument :

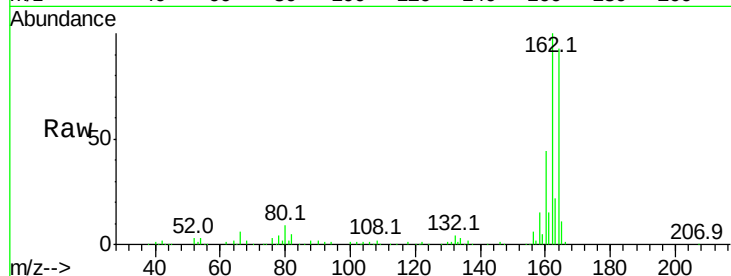
BNA_G

ClientSampleId :

CA-1

Tot Ion:164 Resp: 132910

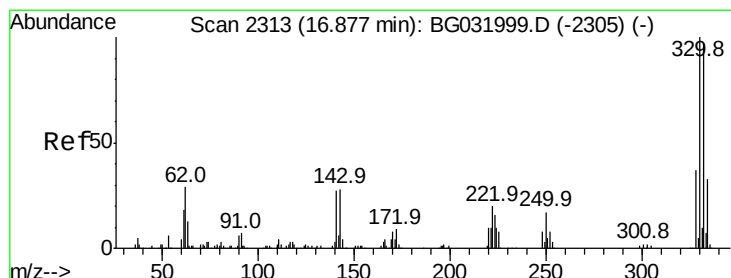
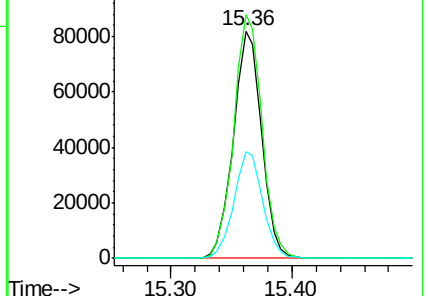
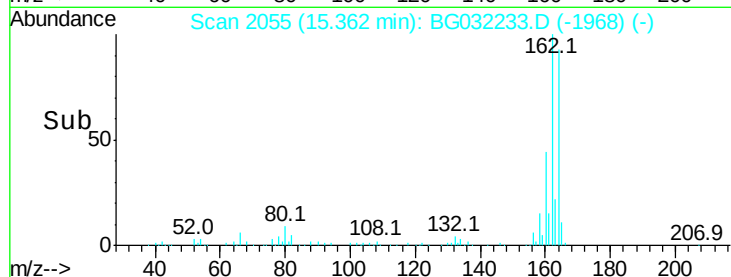
Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	46.6	35.4	53.0



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: 133.196 ng

RT: 16.84 min Scan# 2307

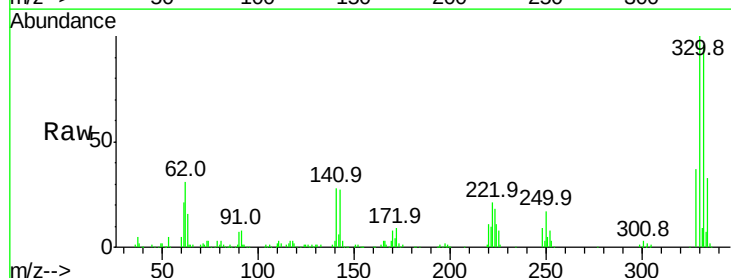
Delta R.T. -0.01 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Tgt Ion:330 Resp: 292944

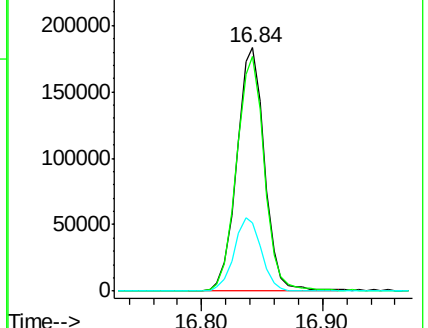
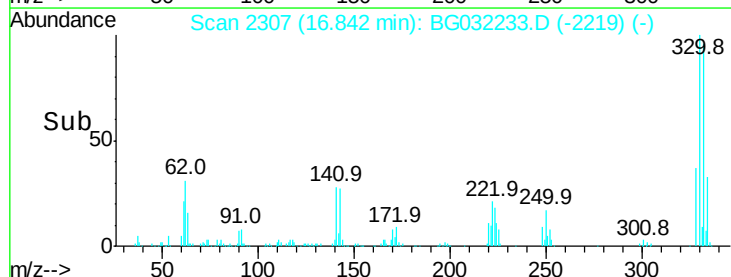
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.8	25.2	37.8

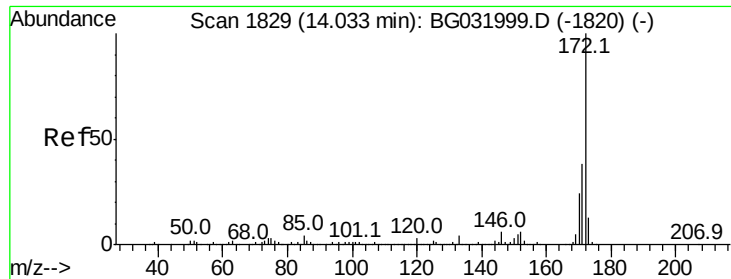


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

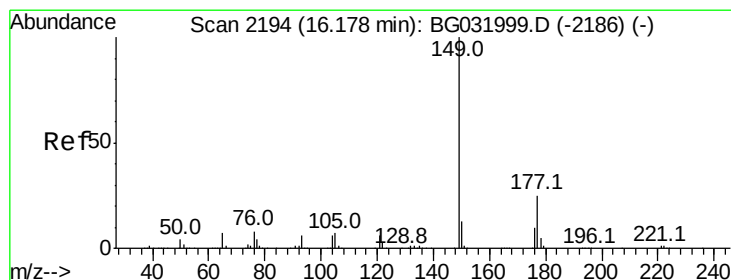
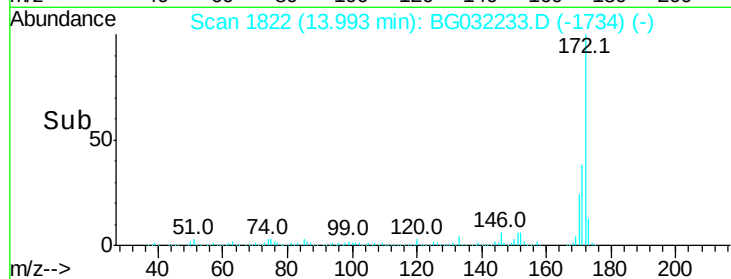
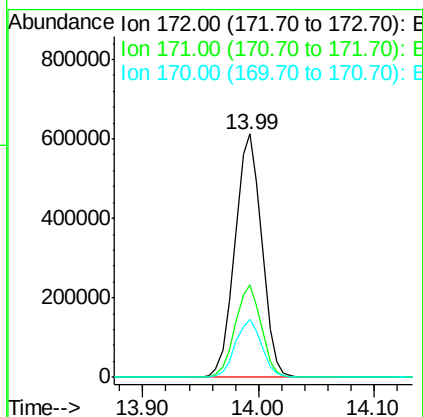
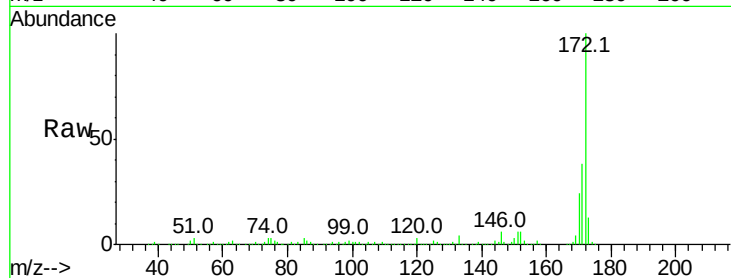




#44
2-Fluorobiphenyl
Concen: 91.535 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032233.D
Acq: 23 Jan 2018 16:00

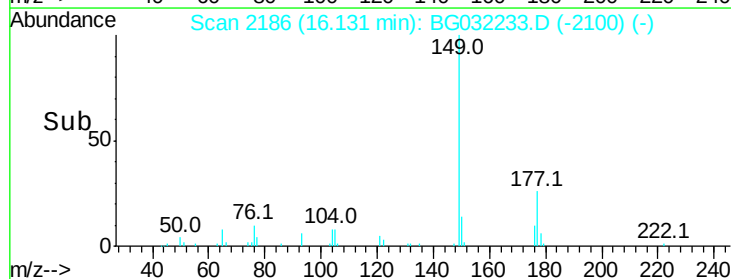
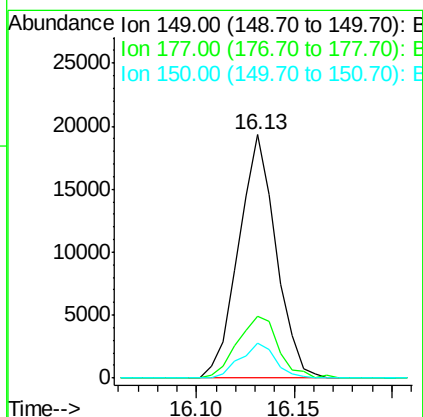
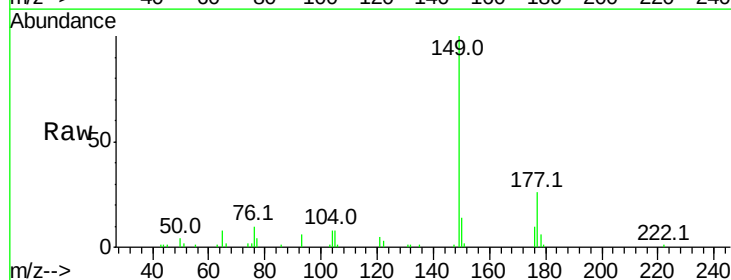
Instrument :
BNA_G
ClientSampleId :
CA-1

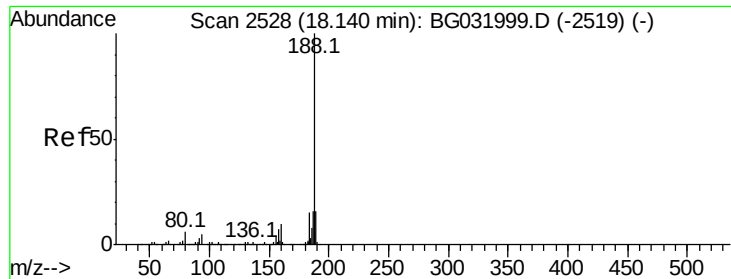
Tot Ion:172 Resp: 981163
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.8 19.5 29.3



#59
Diethylphthalate
Concen: 2.278 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.03 min
Lab File: BG032233.D
Acq: 23 Jan 2018 16:00

Tgt Ion:149 Resp: 25685
Ion Ratio Lower Upper
149 100
177 25.6 18.5 27.7
150 14.2 10.2 15.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.10 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Instrument :

BNA_G

ClientSampled :

CA-1

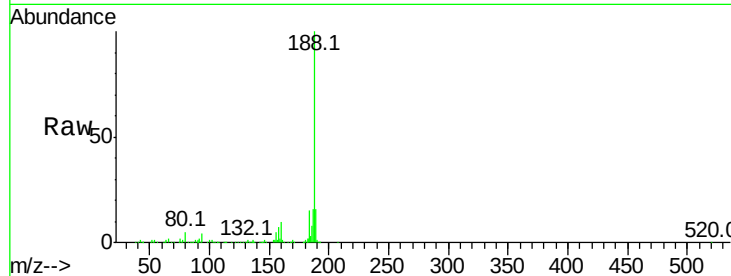
Tot Ion:188 Resp: 334164

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

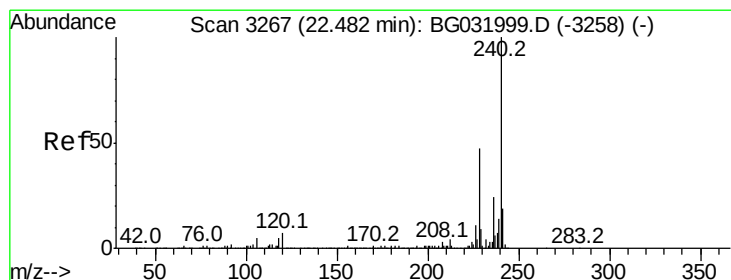
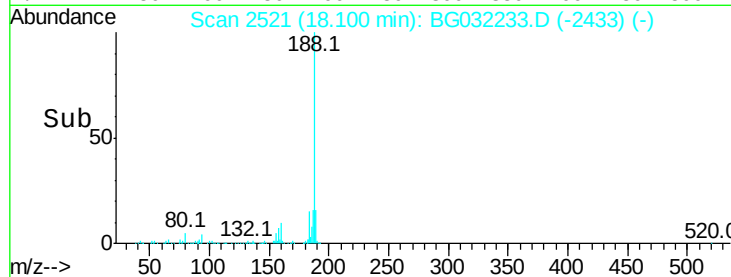
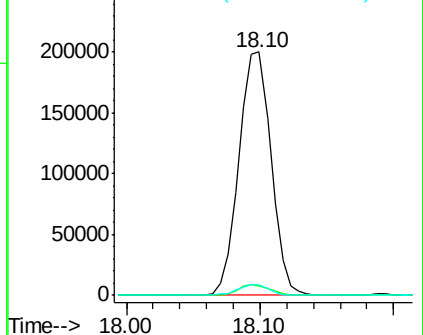
80 4.5 7.7 11.5#



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: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

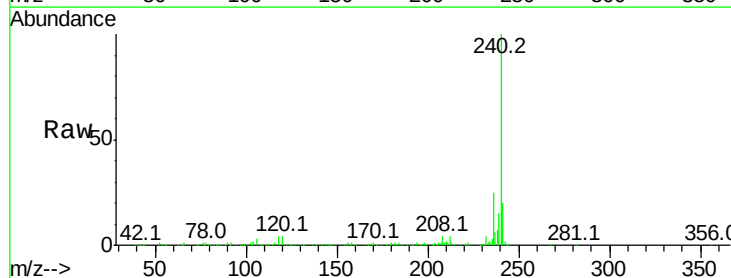
Tgt Ion:240 Resp: 430624

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

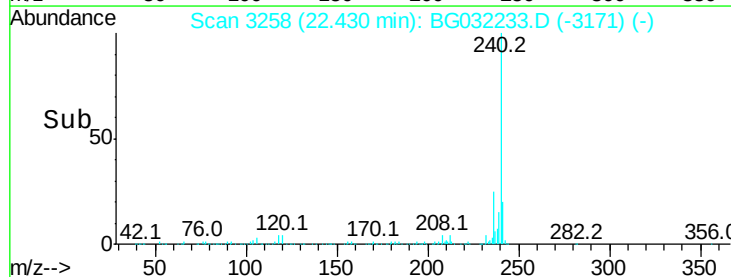
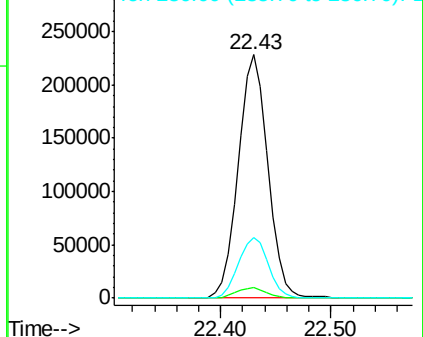
236 24.8 20.9 31.3

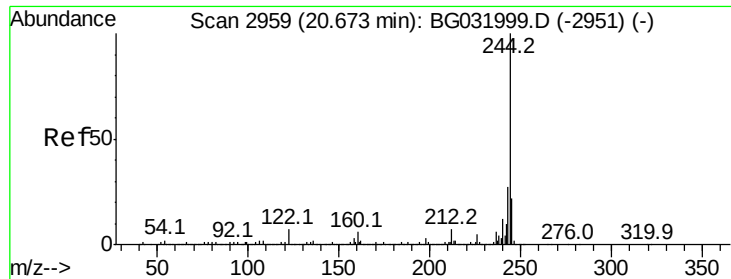


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.653 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

CA-1

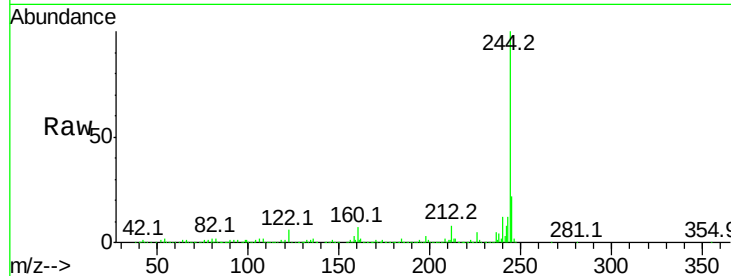
Tot Ion:244 Resp: 1767966

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

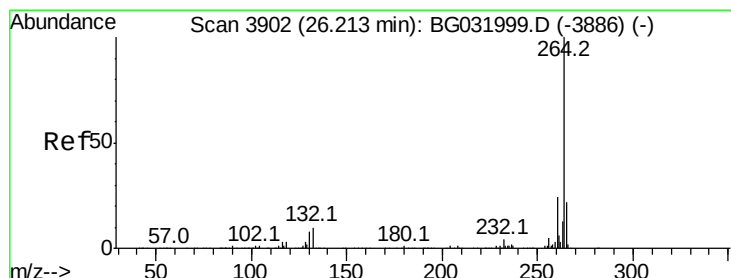
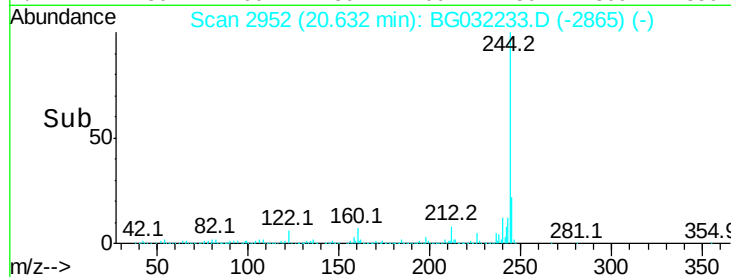
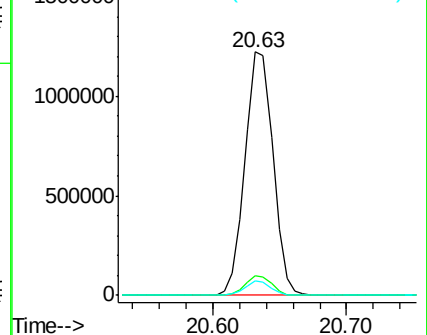
122 6.0 7.0 10.4#



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: 26.13 min Scan# 3887

Delta R.T. -0.03 min

Lab File: BG032233.D

Acq: 23 Jan 2018 16:00

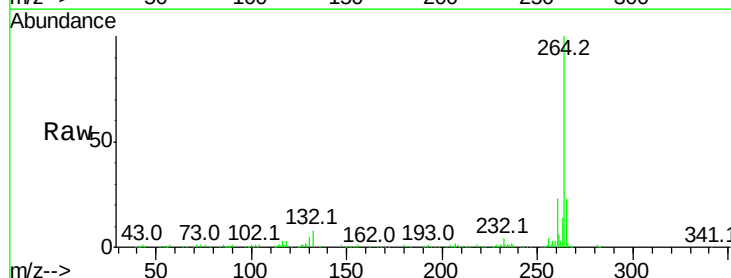
Tgt Ion:264 Resp: 443637

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 23.2 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

