

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031894.D
 Acq On : 3 Jan 2018 17:15
 Operator : SJ/JU
 Sample : I7105-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT4644

Quant Time: Jan 04 06:31:06 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

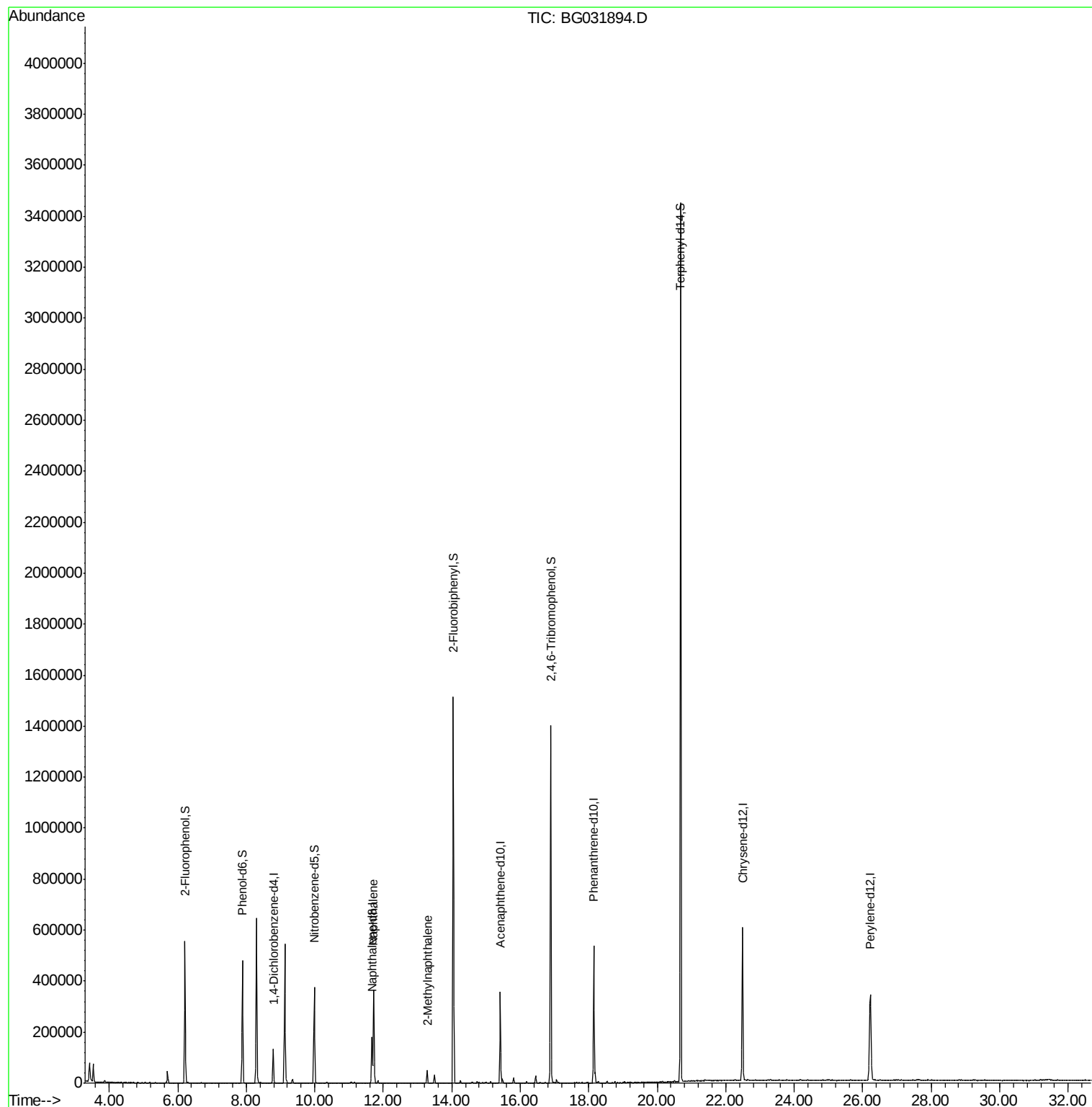
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	45103	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	192045	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	133616	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	386625	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	453420	20.00	ng	-0.02
86) Perylene-d12	26.22	264	471582	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	305421	123.34	ng	0.00
7) Phenol-d6	7.89	99	337010	104.82	ng	0.00
23) Nitrobenzene-d5	9.99	82	249954	98.28	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	337949	165.76	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	906270	85.13	ng	0.00
78) Terphenyl-d14	20.68	244	1854384	93.44	ng	-0.01
Target Compounds						
31) Naphthalene	11.73	128	360980	37.245	ng	98
37) 2-Methylnaphthalene	13.28	142	27478	3.497	ng	94

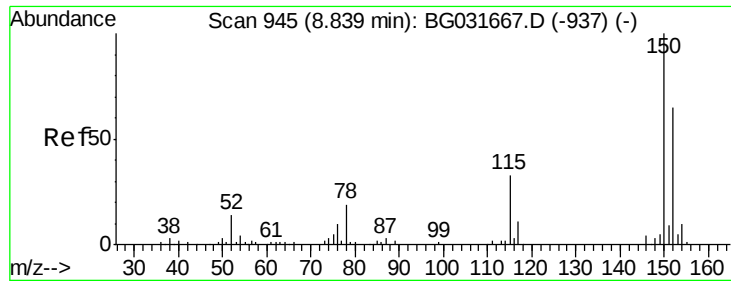
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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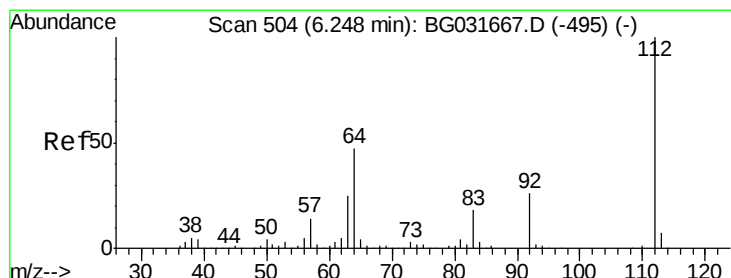
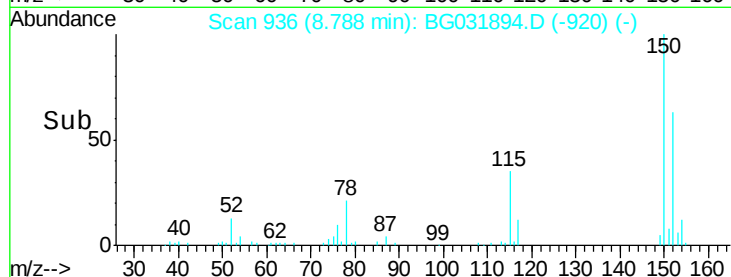
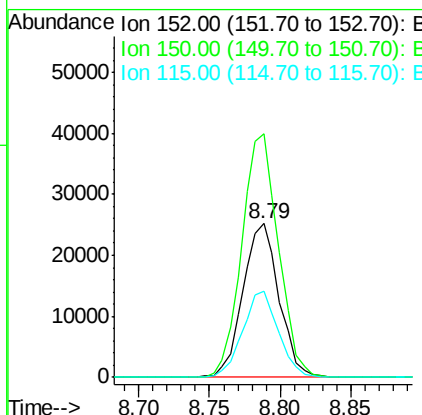
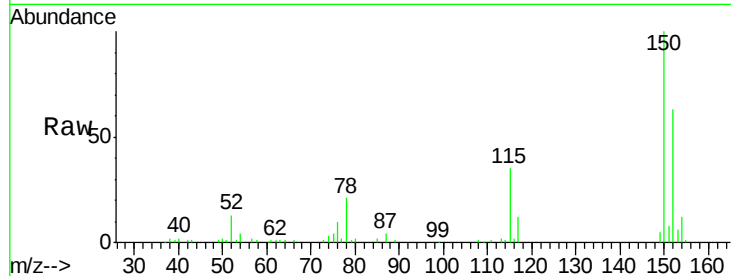




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

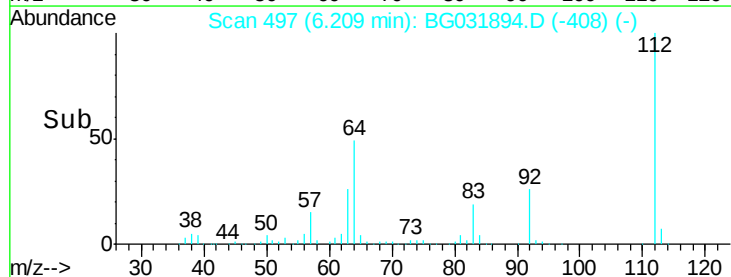
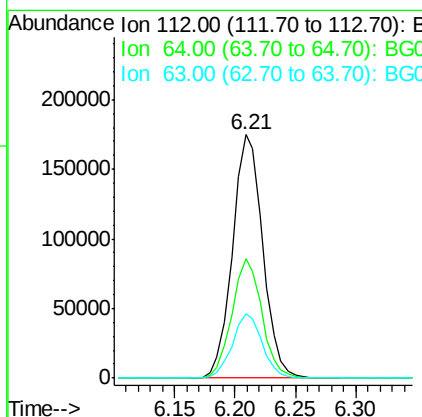
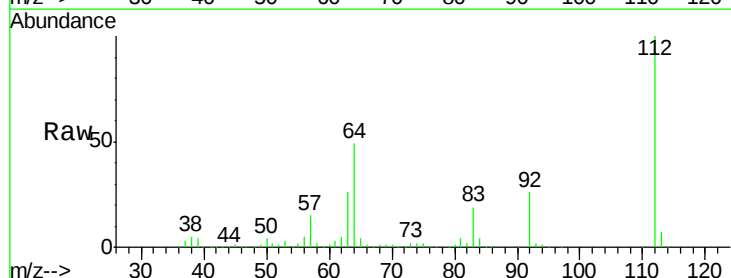
Instrument :
 BNA_G
 ClientSampleId :
 RT4644

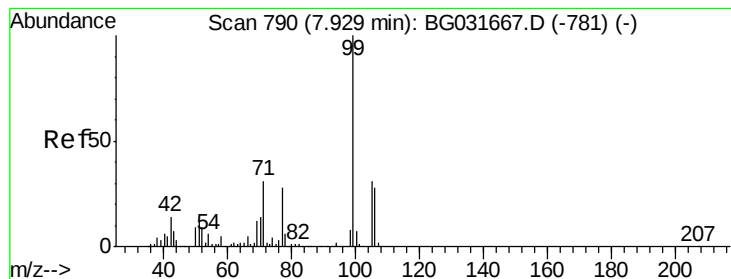
Tgt Ion:152 Resp: 45103
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.6 189.8
 115 55.6 53.0 79.4



#5
 2-Fluorophenol
 Concen: 123.337 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

Tgt Ion:112 Resp: 305421
 Ion Ratio Lower Upper
 112 100
 64 48.9 56.3 84.5#
 63 26.3 30.1 45.1#





#7

Phenol-d6

Concen: 104.822 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031894.D

Acq: 3 Jan 2018 17:15

Instrument :

BNA_G

ClientSampleId :

RT4644

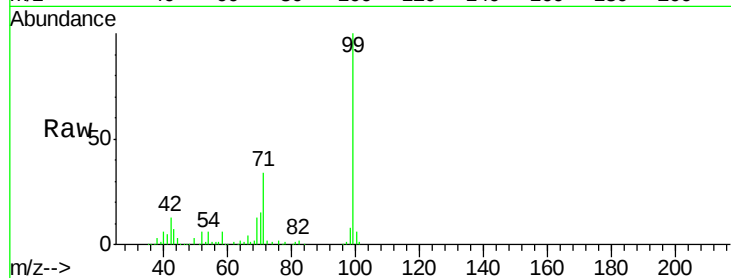
Tgt Ion: 99 Resp: 337010

Ion Ratio Lower Upper

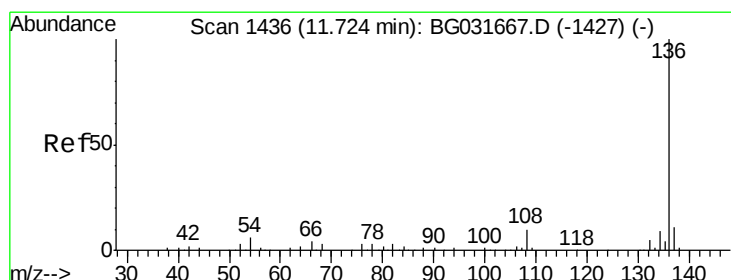
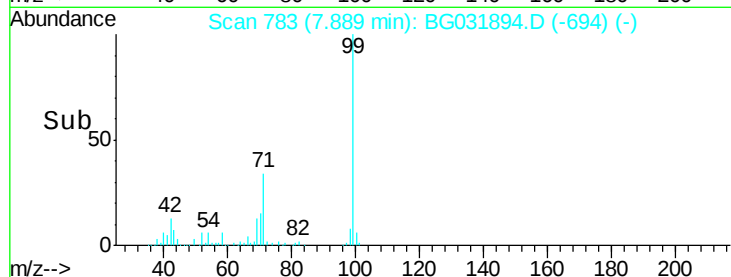
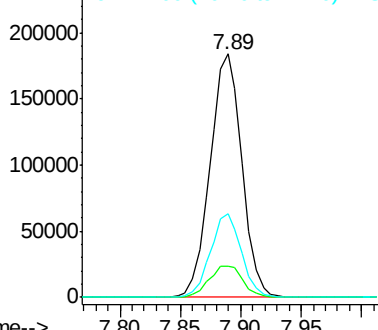
99 100

42 13.0 14.1 21.1#

71 34.5 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: 11.67 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BG031894.D

Acq: 3 Jan 2018 17:15

Tgt Ion: 136 Resp: 192045

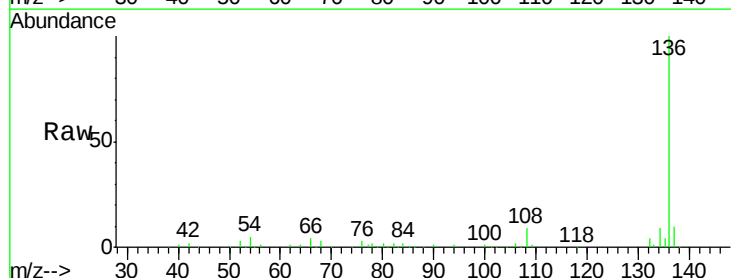
Ion Ratio Lower Upper

136 100

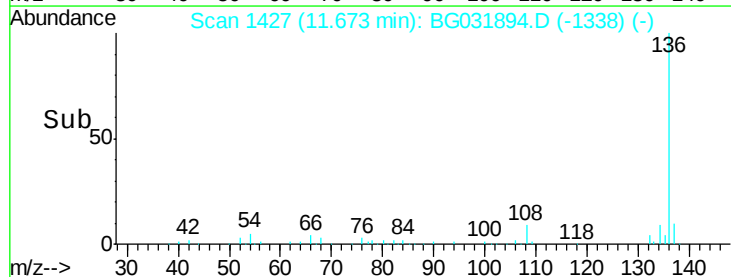
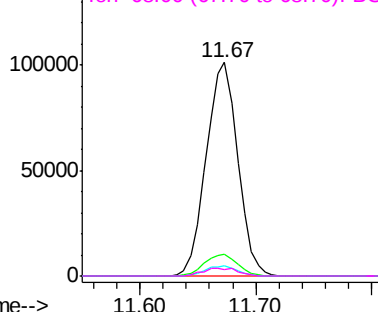
137 10.3 9.2 13.8

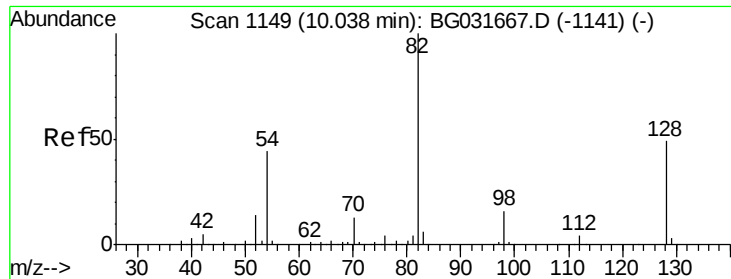
54 5.1 10.3 15.5#

68 3.3 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

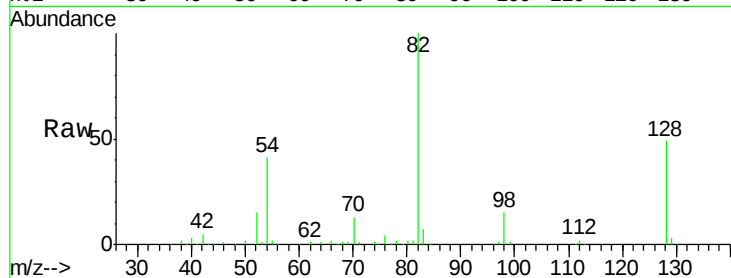




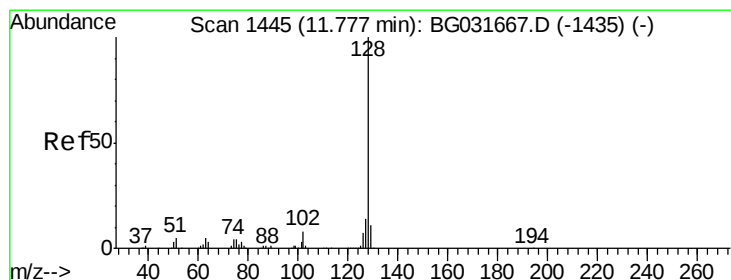
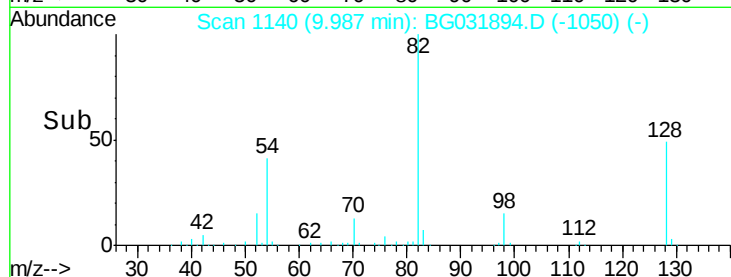
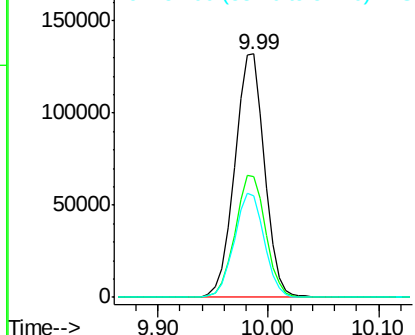
#23
Nitrobenzene-d5
Concen: 98.282 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031894.D
Acq: 3 Jan 2018 17:15

Instrument :
BNA_G
ClientSampleId :
RT4644

Tgt Ion: 82 Resp: 249954
Ion Ratio Lower Upper
82 100
128 49.4 29.7 44.5#
54 41.5 43.1 64.7#

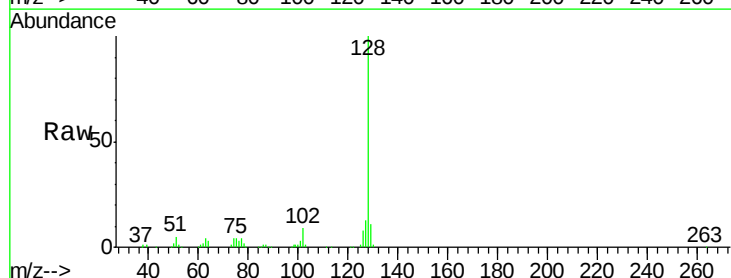


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

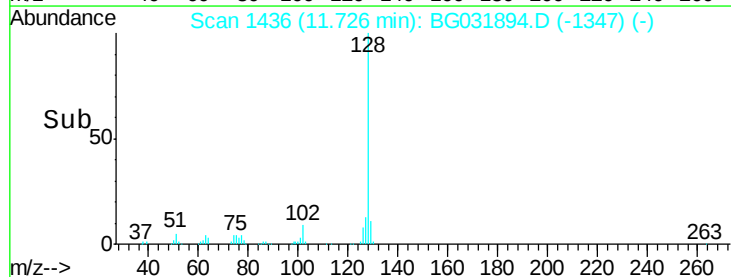
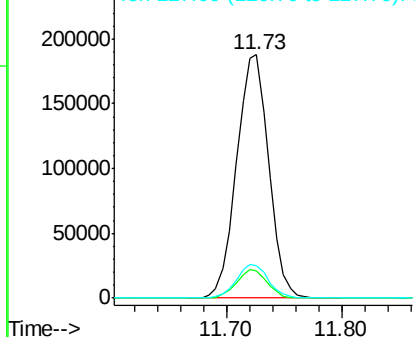


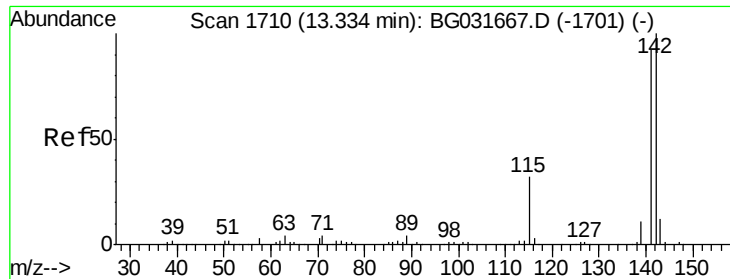
#31
Naphthalene
Concen: 37.245 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BG031894.D
Acq: 3 Jan 2018 17:15

Tgt Ion: 128 Resp: 360980
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 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

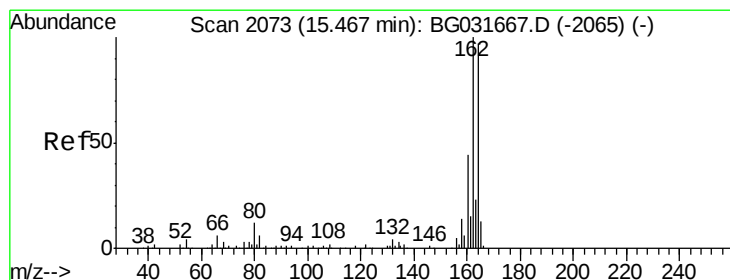
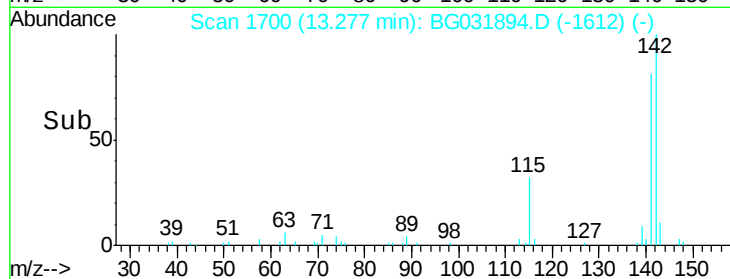
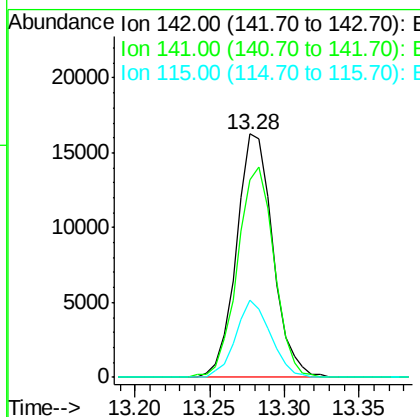
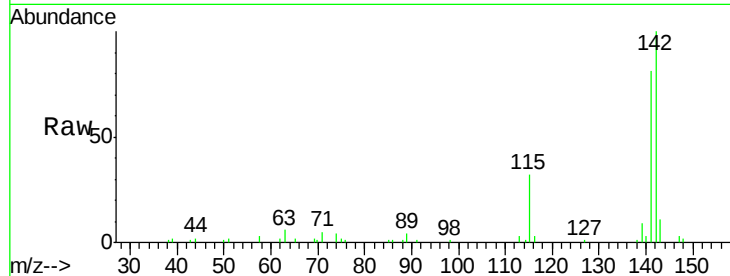




#37
 2-Methylnaphthalene
 Concen: 3.497 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

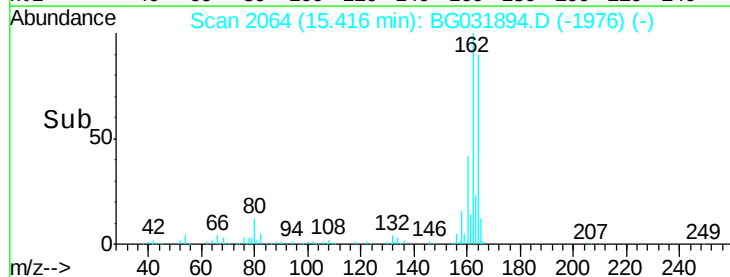
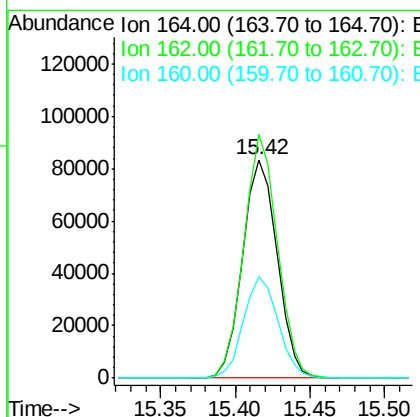
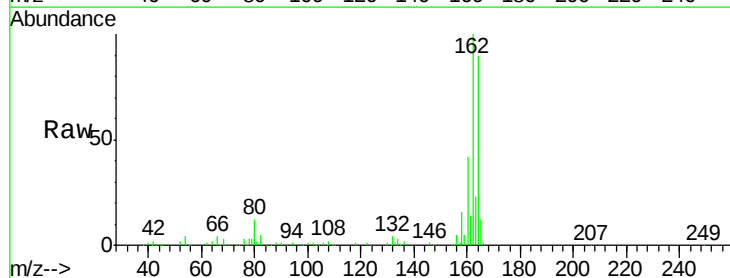
Instrument :
 BNA_G
 ClientSampleId :
 RT4644

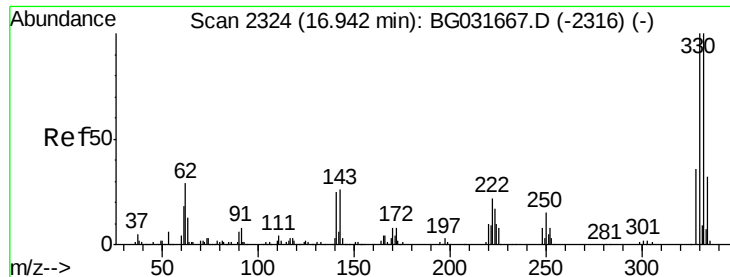
Tgt Ion:142 Resp: 27478
 Ion Ratio Lower Upper
 142 100
 141 81.1 67.1 100.7
 115 31.9 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

Tgt Ion:164 Resp: 133616
 Ion Ratio Lower Upper
 164 100
 162 111.4 78.8 118.2
 160 46.6 35.4 53.0

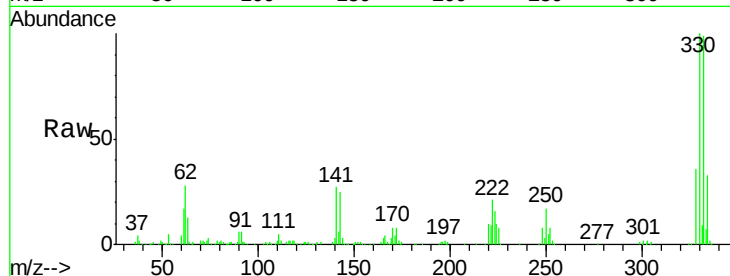




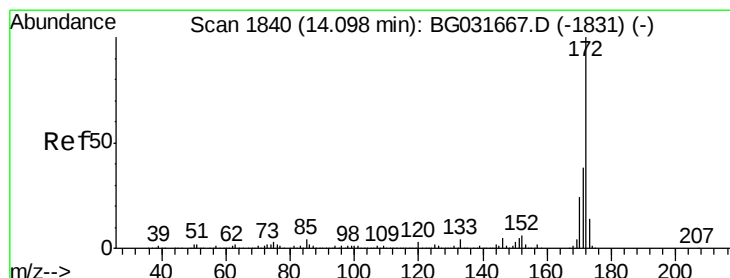
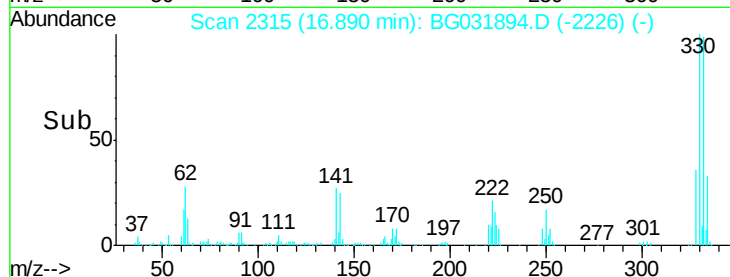
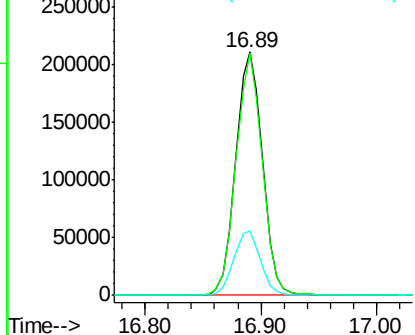
#41
 2,4,6-Tribromophenol
 Concen: 165.759 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

Instrument :
 BNA_G
 ClientSampled :
 RT4644

Tgt Ion:330 Resp: 337949
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 26.5 25.2 37.8

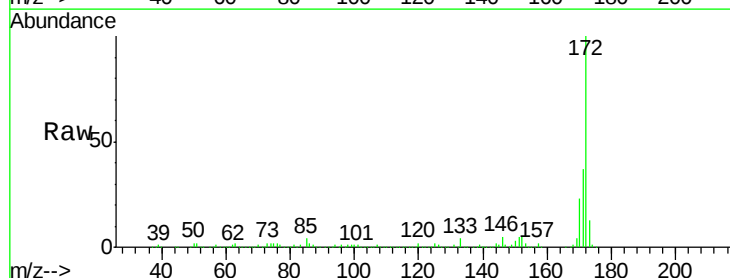


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

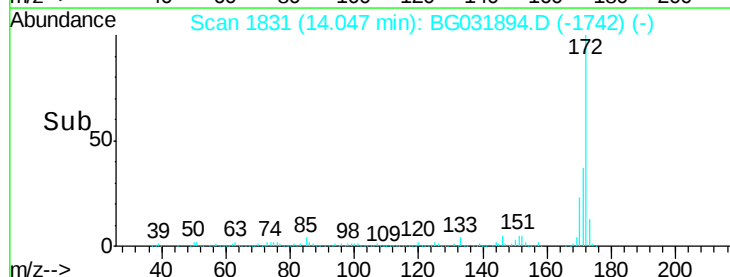
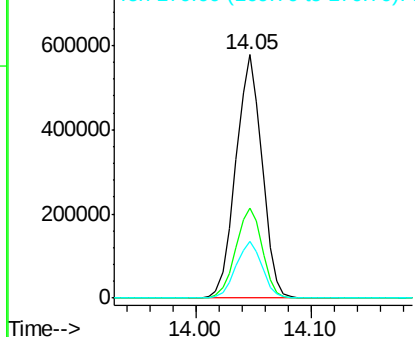


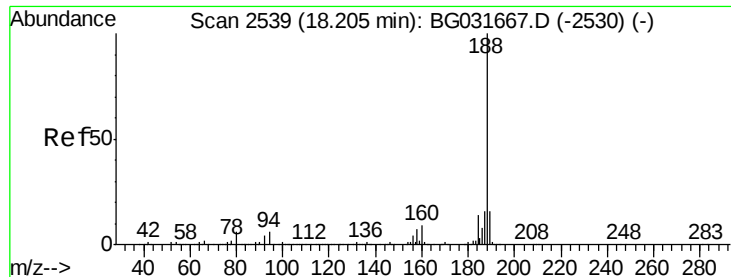
#44
 2-Fluorobiphenyl
 Concen: 85.131 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031894.D
 Acq: 3 Jan 2018 17:15

Tgt Ion:172 Resp: 906270
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.2 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

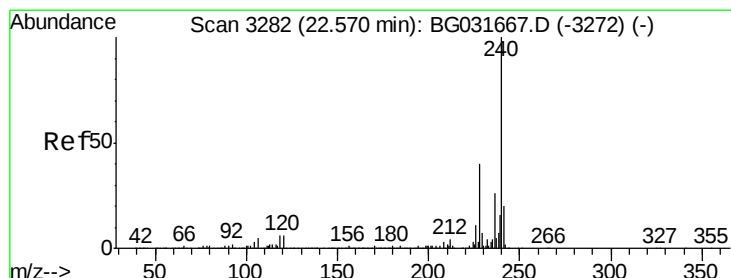
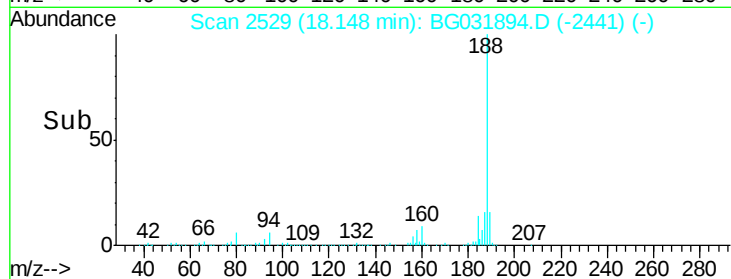
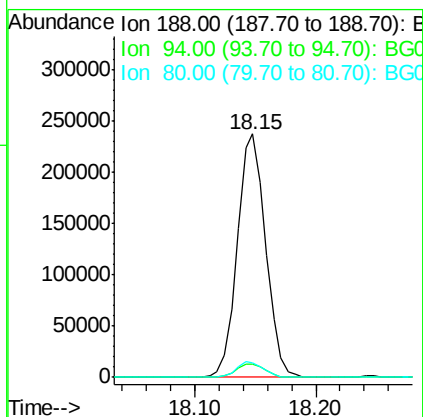
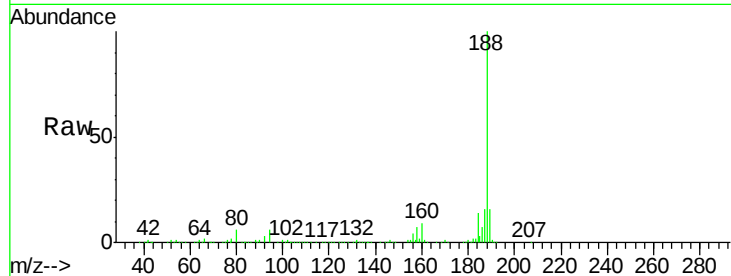




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031894.D
Acq: 3 Jan 2018 17:15

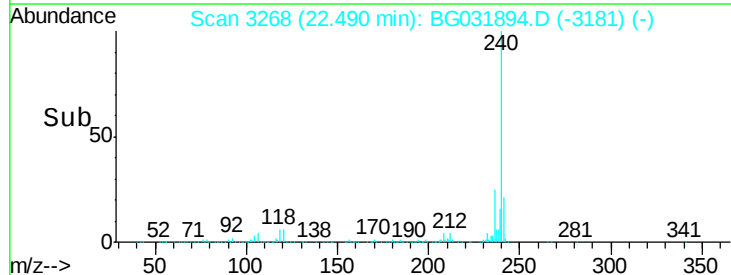
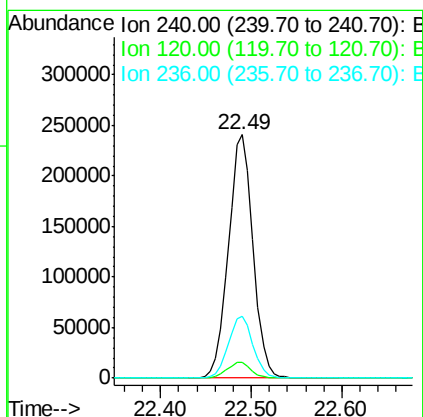
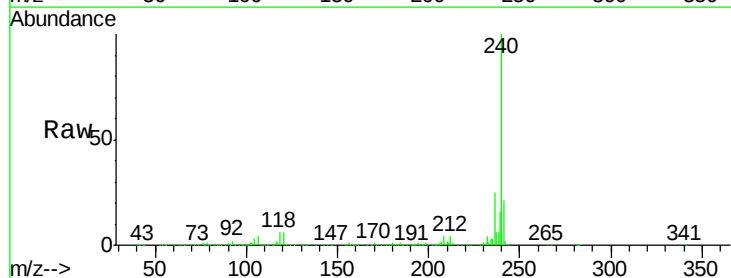
Instrument :
BNA_G
ClientSampleId :
RT4644

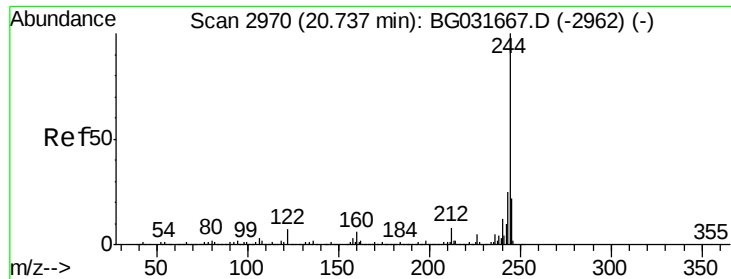
Tgt Ion:188 Resp: 386625
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031894.D
Acq: 3 Jan 2018 17:15

Tgt Ion:240 Resp: 453420
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 93.437 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031894.D

Acq: 3 Jan 2018 17:15

Instrument :

BNA_G

ClientSampleId :

RT4644

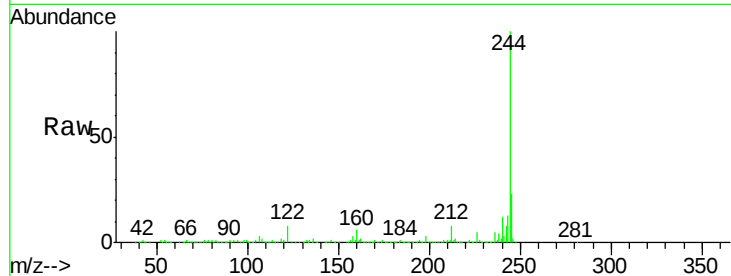
Tgt Ion:244 Resp: 1854384

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

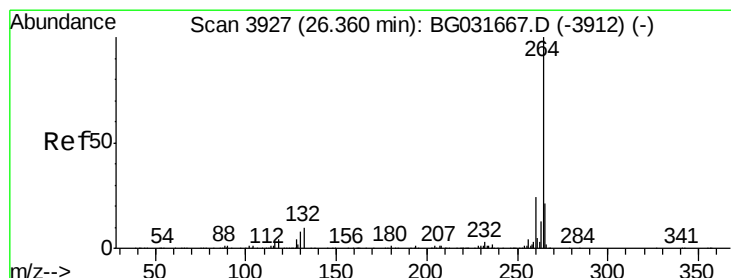
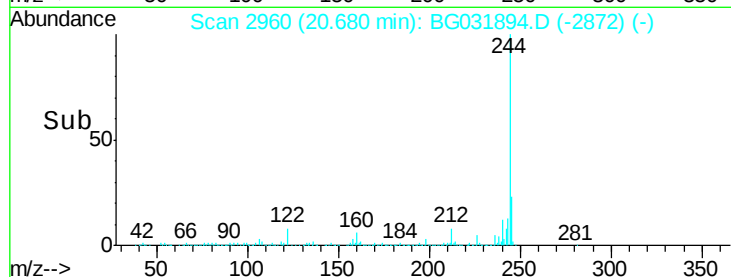
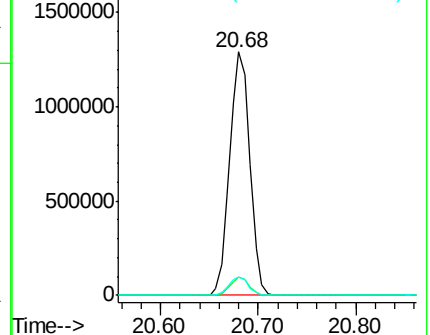
122 7.5 7.0 10.4



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: 26.22 min Scan# 3903

Delta R.T. -0.03 min

Lab File: BG031894.D

Acq: 3 Jan 2018 17:15

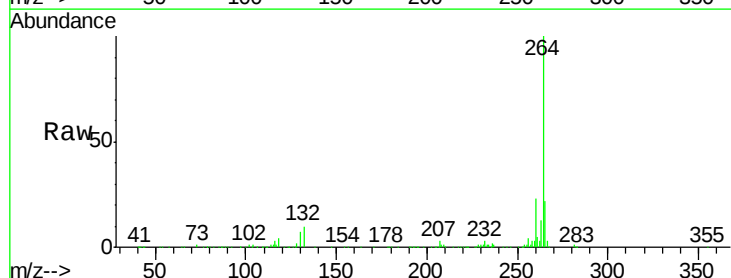
Tgt Ion:264 Resp: 471582

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.3 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

