

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031781.D
 Acq On : 27 Dec 2017 4:01
 Operator : SJ/JU
 Sample : I7004-06DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-5-121817

Quant Time: Dec 27 06:18:30 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

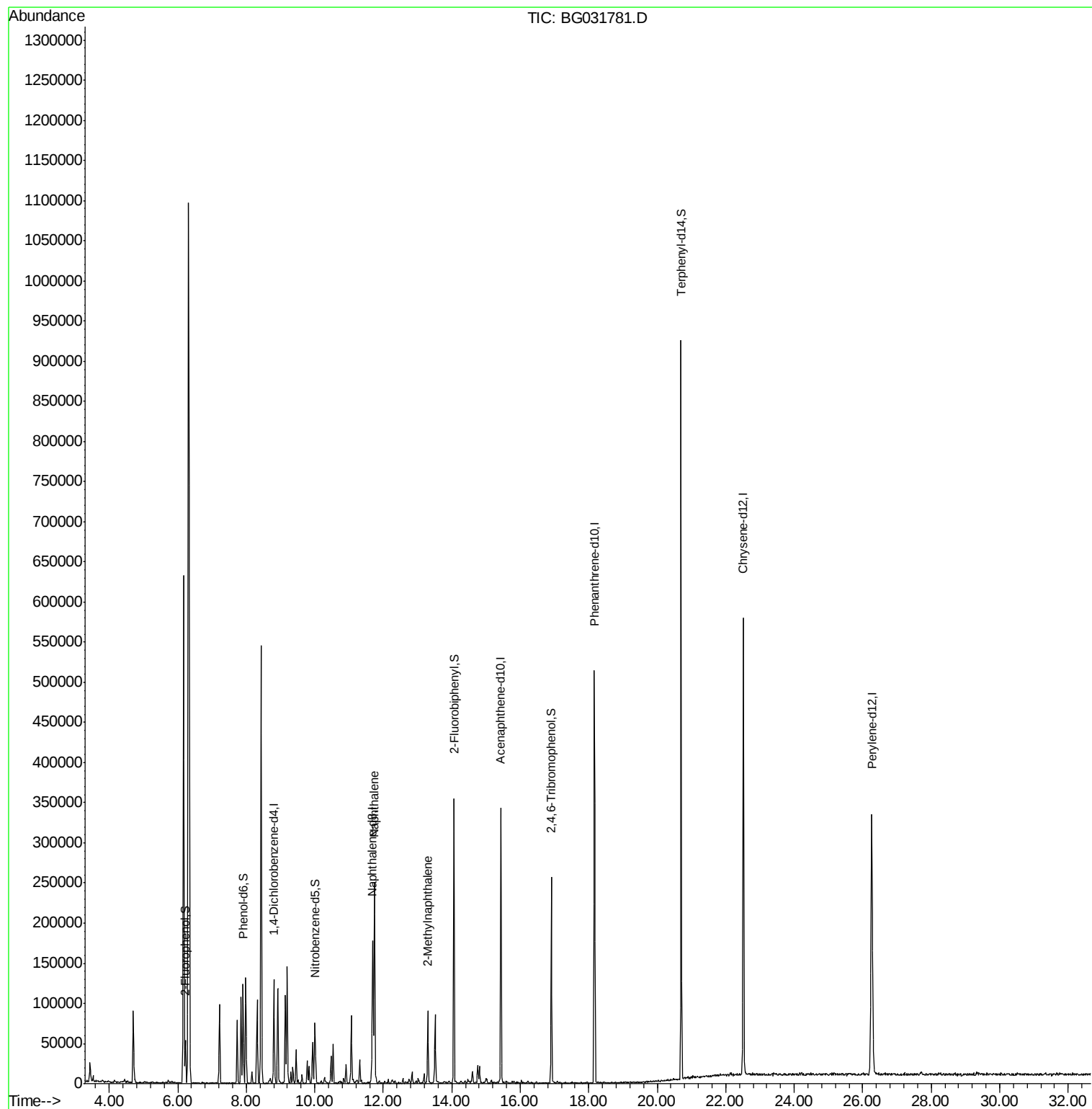
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43351	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	180305	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	133661	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	366660	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	444568	20.00	ng	-0.06
86) Perylene-d12	26.26	264	472882	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	28598	12.02	ng	-0.02
7) Phenol-d6	7.90	99	23538	7.62	ng	-0.03
23) Nitrobenzene-d5	10.00	82	49012	20.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	61989	30.39	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	213781	20.07	ng	-0.03
78) Terphenyl-d14	20.70	244	480205	24.68	ng	-0.04
Target Compounds						
31) Naphthalene	11.74	128	237734	26.126	ng	99
37) 2-Methylnaphthalene	13.30	142	51123	6.930	ng	94

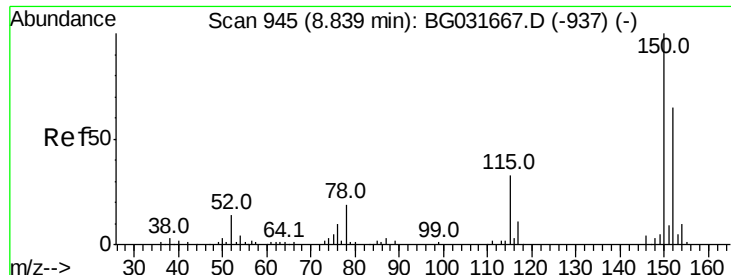
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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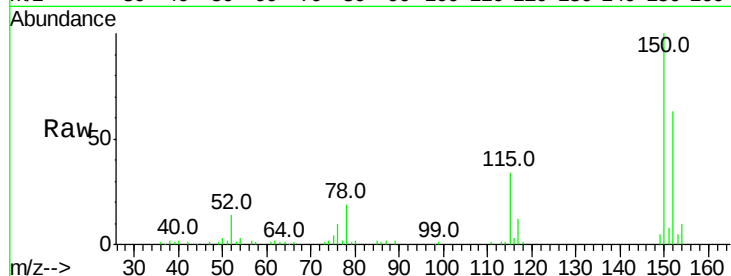


#1

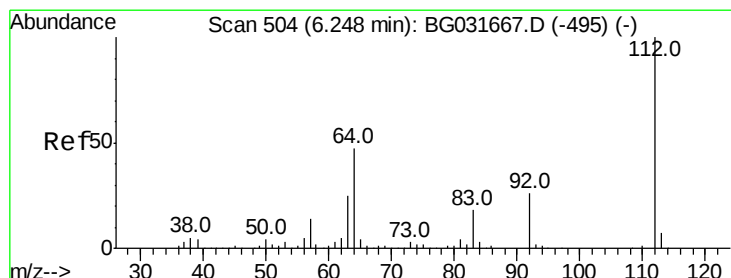
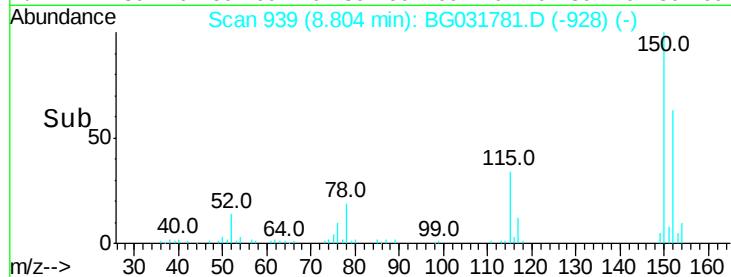
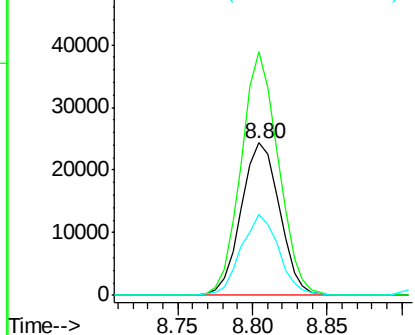
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tot Ion:152 Resp: 43351
Ion Ratio Lower Upper
152 100
150 159.6 126.6 189.8
115 53.5 53.0 79.4



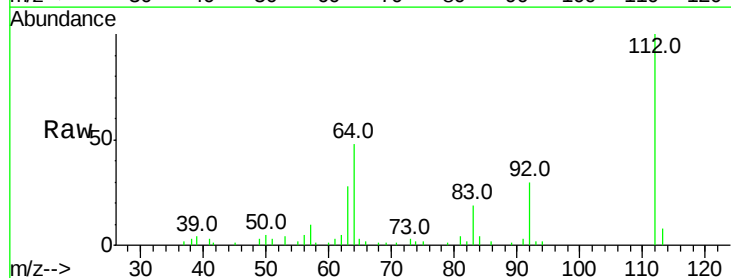
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



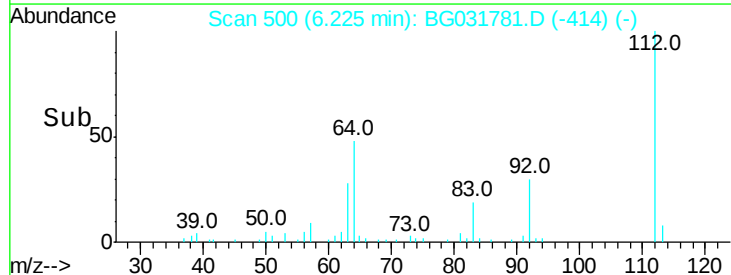
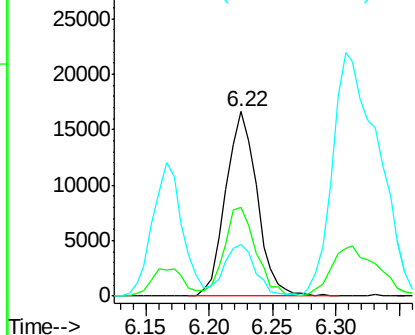
#5

2-Fluorophenol
Concen: 12.015 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

Tgt Ion:112 Resp: 28598
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 27.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 7.617 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031781.D

Acq: 27 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-5-121817

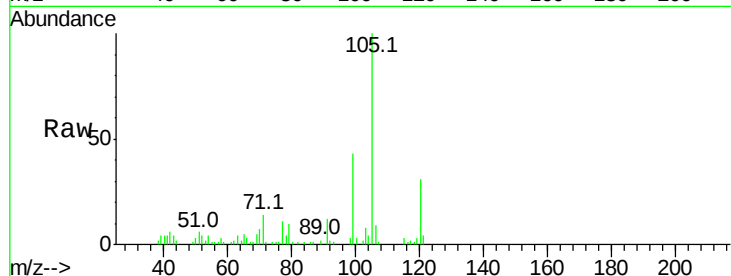
Tot Ion: 99 Resp: 23538

Ion Ratio Lower Upper

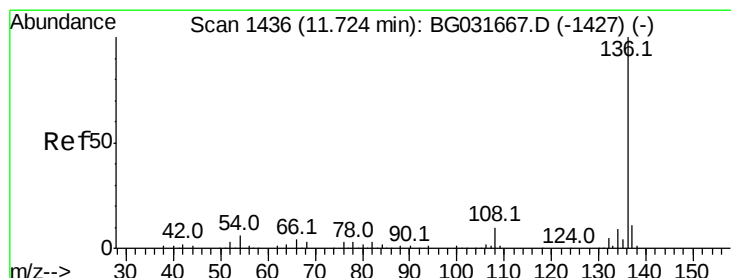
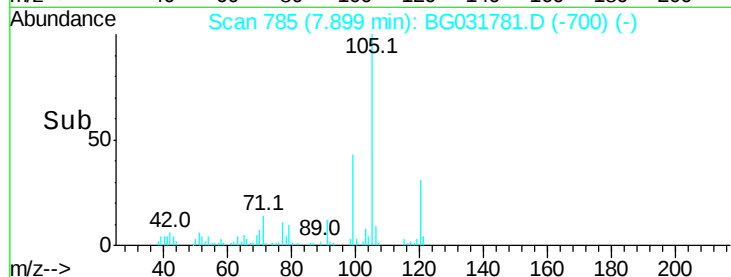
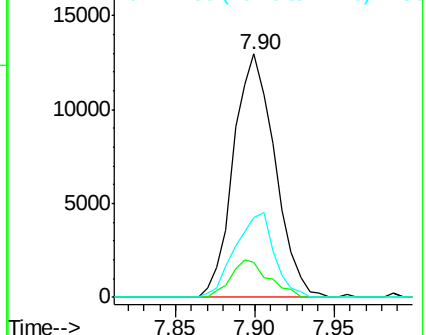
99 100

42 14.4 14.1 21.1

71 32.8 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: BG031781.D

Acq: 27 Dec 2017 4:01

Tgt Ion: 136 Resp: 180305

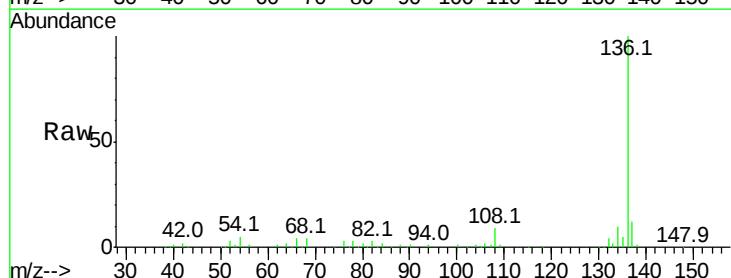
Ion Ratio Lower Upper

136 100

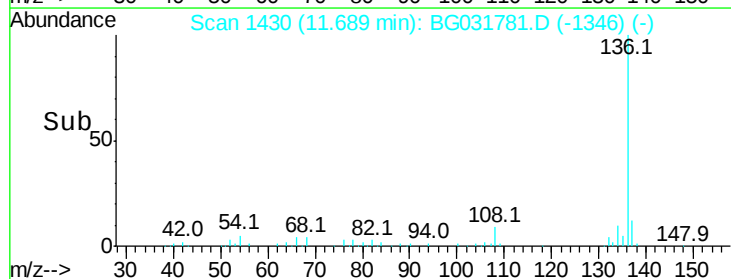
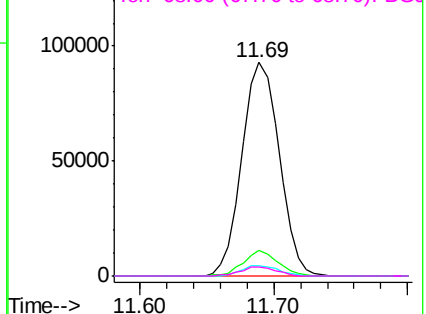
137 12.0 9.2 13.8

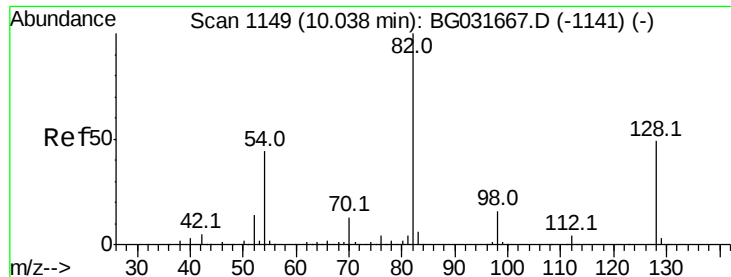
54 5.0 10.3 15.5#

68 4.5 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

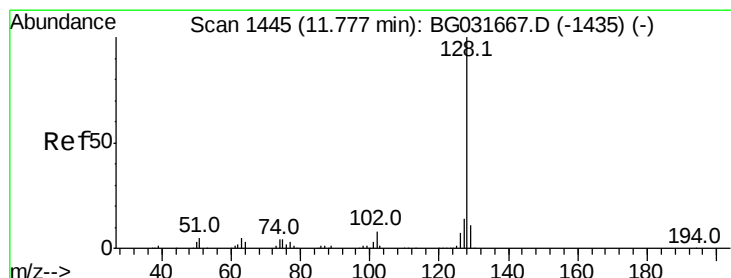
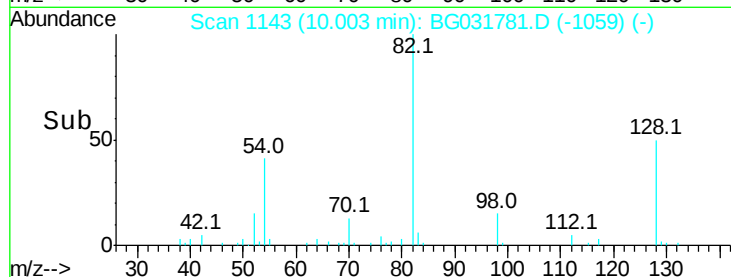
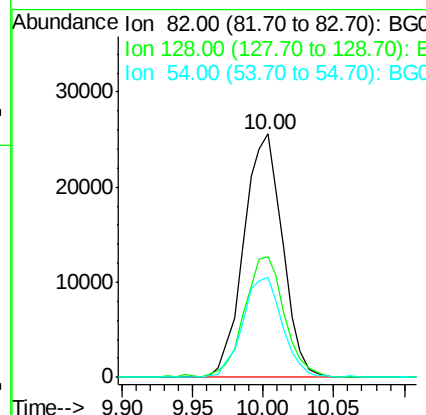
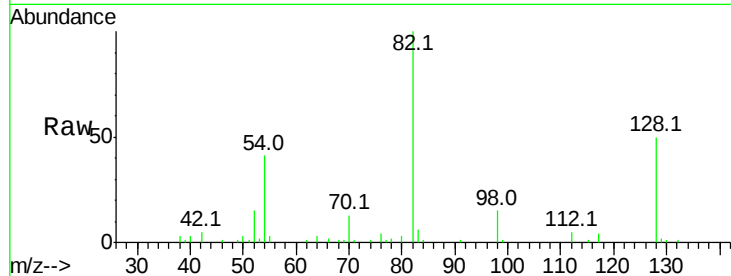




#23
Nitrobenzene-d5
Concen: 20.526 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

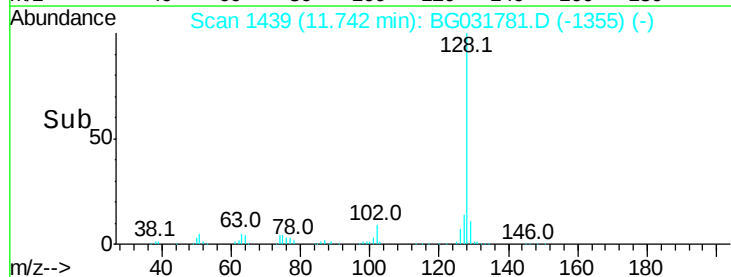
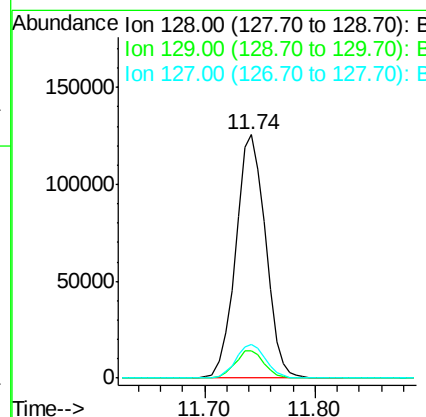
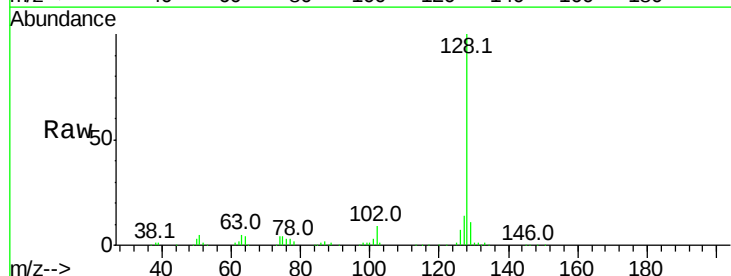
Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

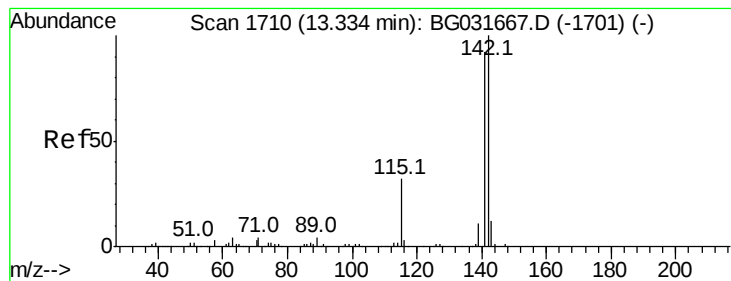
Tot Ion: 82 Resp: 49012
Ion Ratio Lower Upper
82 100
128 49.8 29.7 44.5#
54 41.3 43.1 64.7#



#31
Naphthalene
Concen: 26.126 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

Tgt Ion: 128 Resp: 237734
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.1 11.6 17.4





#37

2-Methylnaphthalene

Concen: 6.930 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG031781.D

Acq: 27 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-5-121817

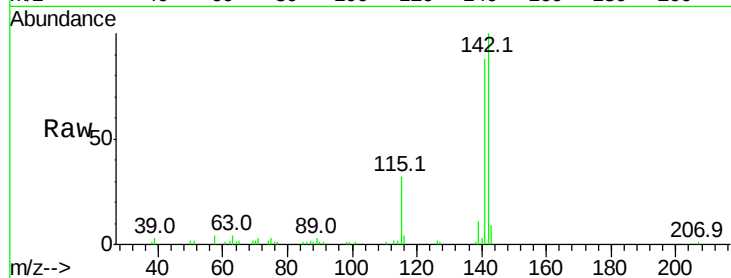
Tot Ion:142 Resp: 51123

Ion Ratio Lower Upper

142 100

141 88.3 67.1 100.7

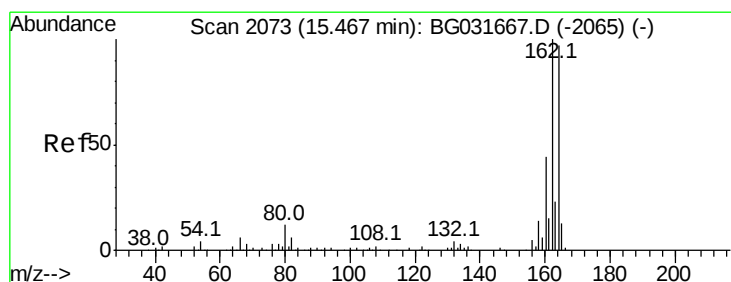
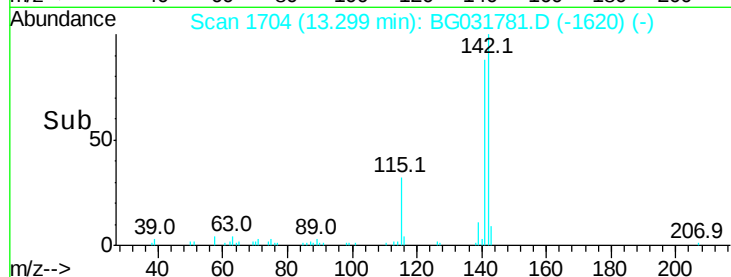
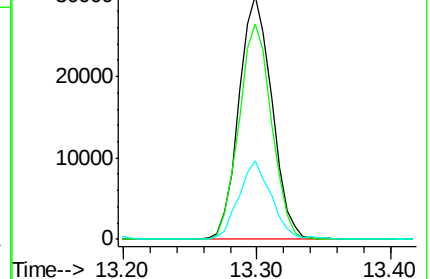
115 32.3 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031781.D

Acq: 27 Dec 2017 4:01

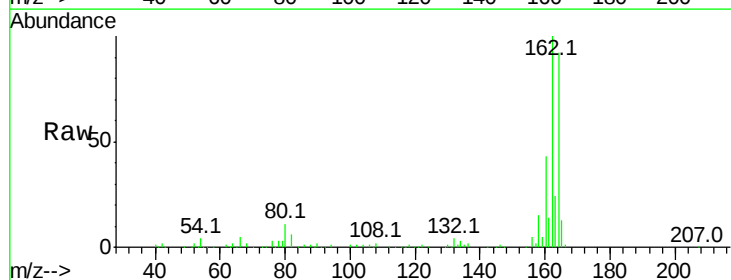
Tgt Ion:164 Resp: 133661

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

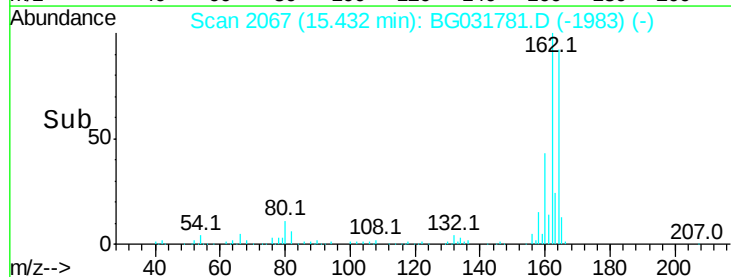
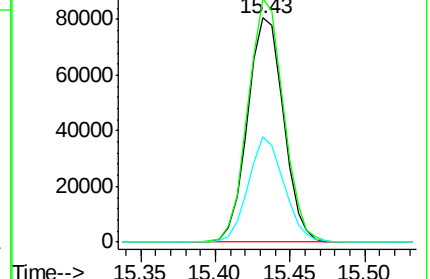
160 46.9 35.4 53.0

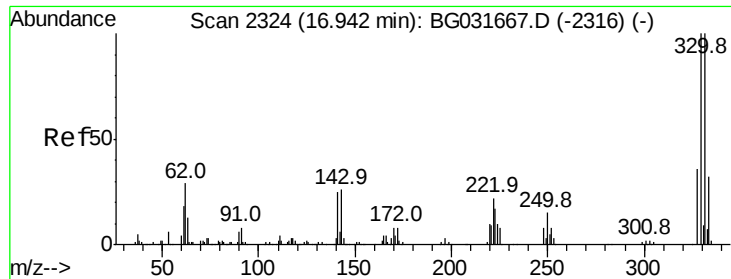


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

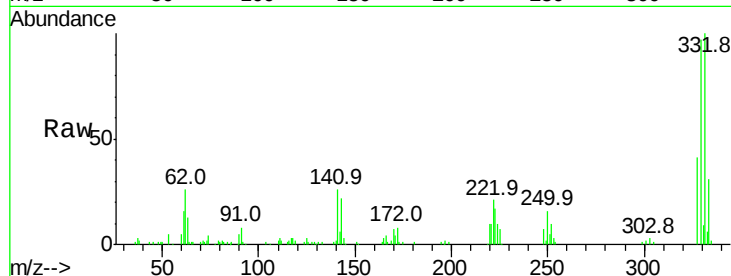




#41
 2,4,6-Tribromophenol
 Concen: 30.394 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031781.D
 Acq: 27 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-5-121817

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.1	25.2	37.8

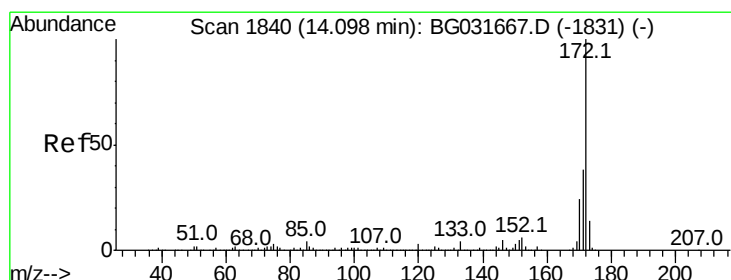
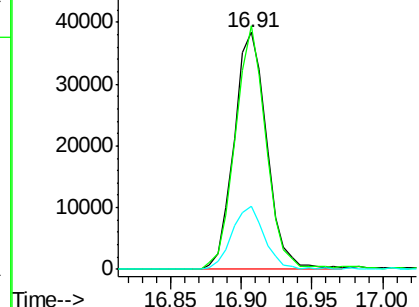
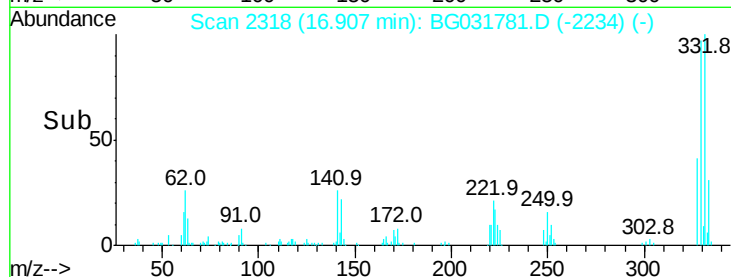


Abundance

Ion 329.80 (329.50 to 330.50): E

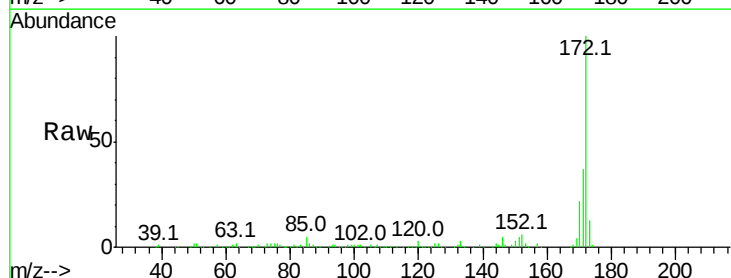
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 20.075 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031781.D
 Acq: 27 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.0	19.5	29.3

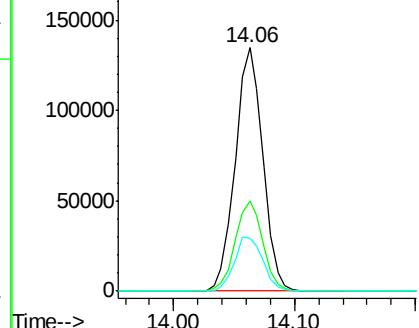
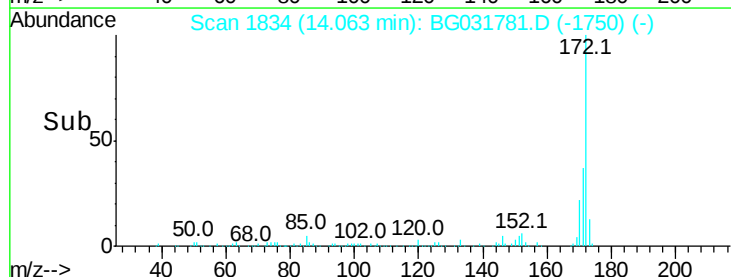


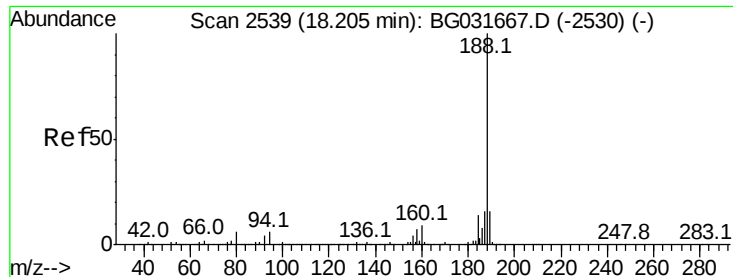
Abundance

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

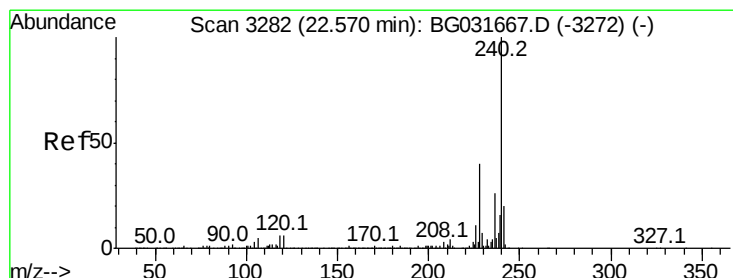
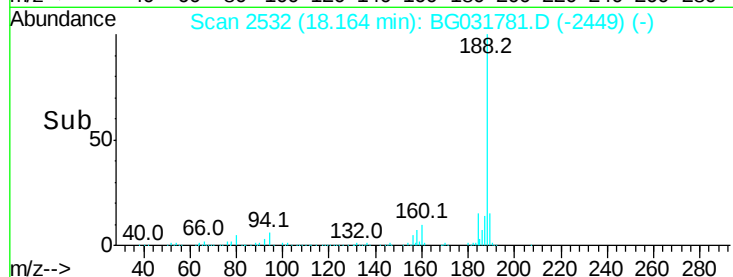
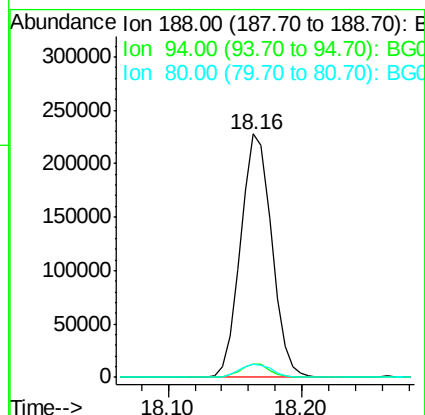
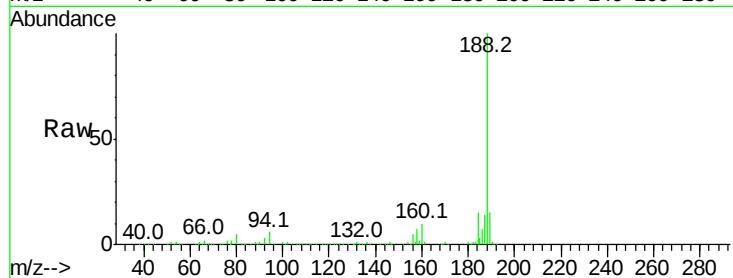




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

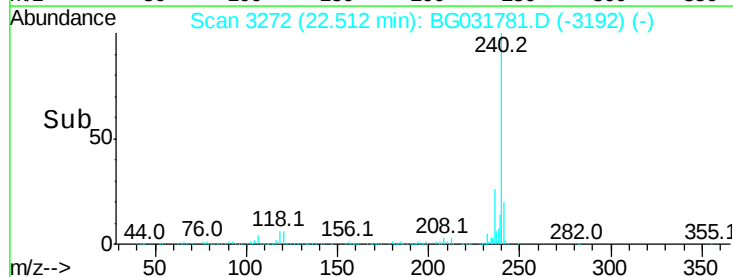
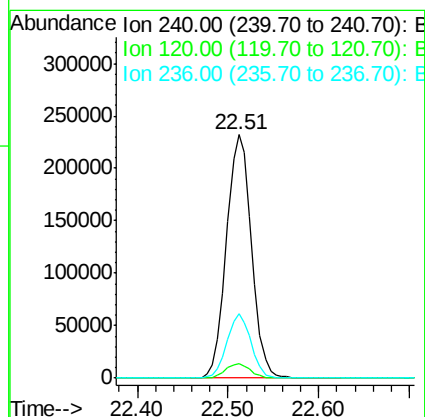
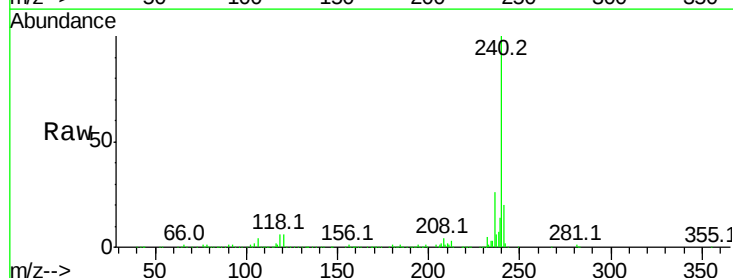
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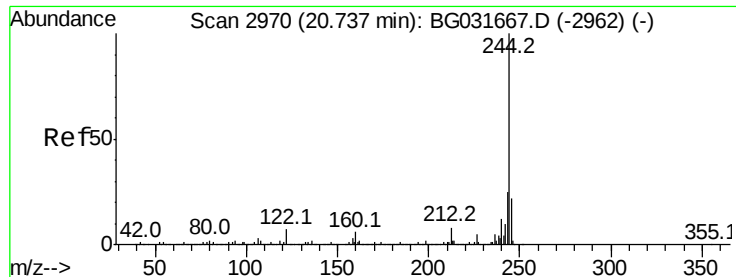
Tot Ion:188 Resp: 366660
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031781.D
Acq: 27 Dec 2017 4:01

Tgt Ion:240 Resp: 444568
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 24.678 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031781.D

Acq: 27 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-5-121817

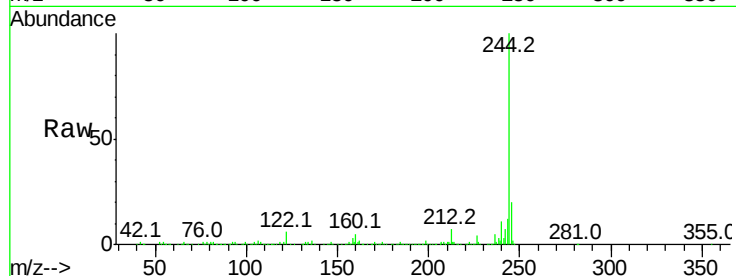
Tot Ion:244 Resp: 480205

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

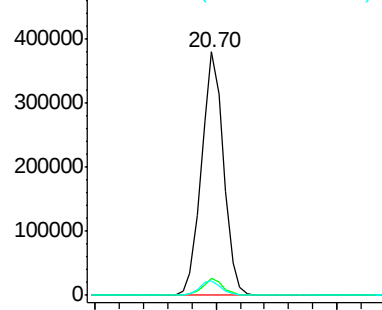
122 6.1 7.0 10.4#



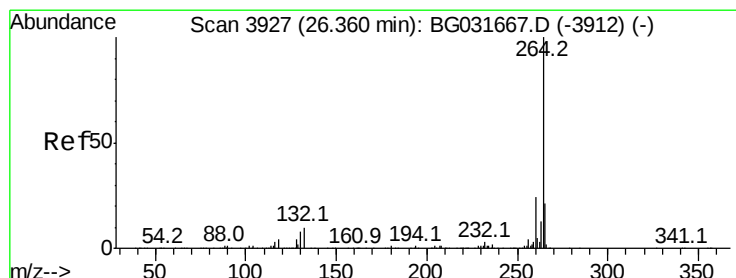
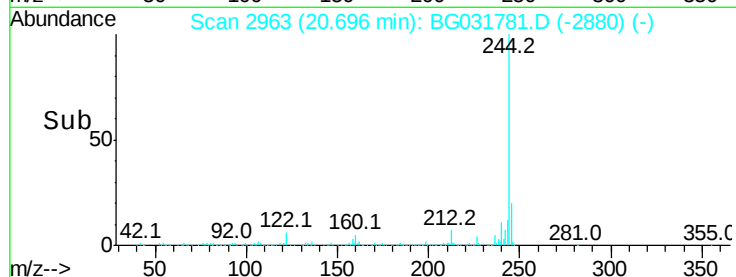
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031781.D

Acq: 27 Dec 2017 4:01

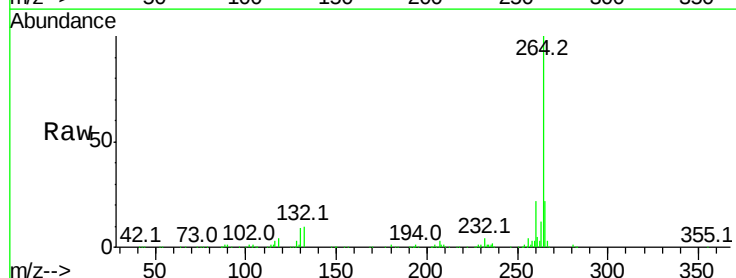
Tgt Ion:264 Resp: 472882

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

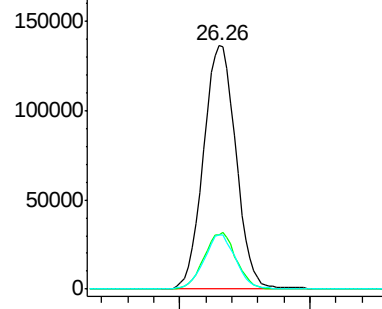
265 22.2 17.7 26.5



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



Time-->

