

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110116\
 Data File : BG024619.D
 Acq On : 2 Nov 2016 8:56
 Operator : UM/SJ
 Sample : H5489-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-72-0.5-1.0

Quant Time: Nov 02 13:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

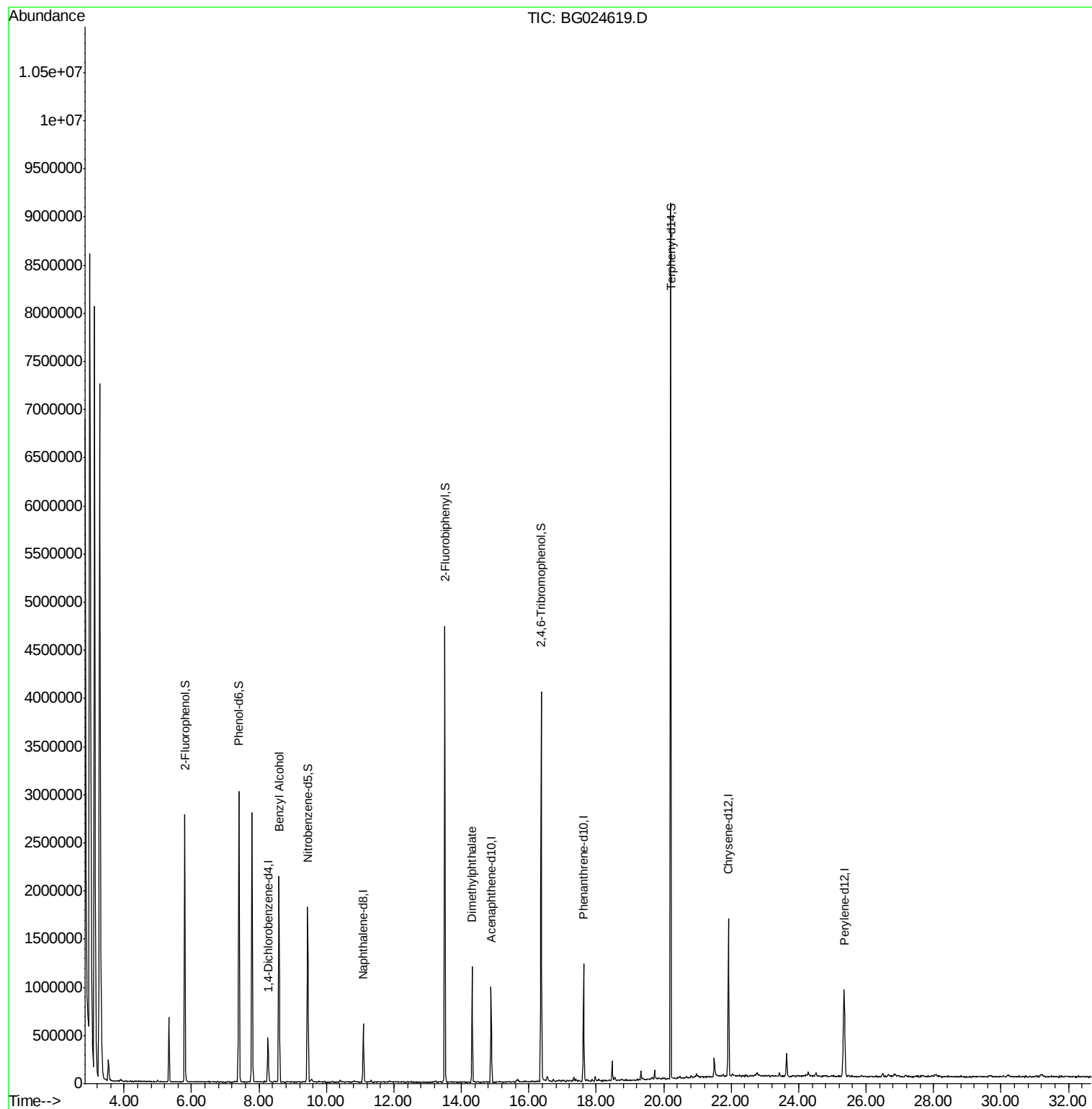
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	123898	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	486431	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	363388	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	775201	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1112031	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1128932	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1130416	149.54	ng	0.00
7) Phenol-d6	7.40	99	1621038	156.33	ng	0.00
23) Nitrobenzene-d5	9.44	82	1166832	109.21	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	835110	153.83	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2285337	104.53	ng	0.00
78) Terphenyl-d14	20.21	244	3534830	94.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.59	79	21556	2.23	ng	Qvalue # 51
49) Dimethylphthalate	14.32	163	754624	29.25	ng	98

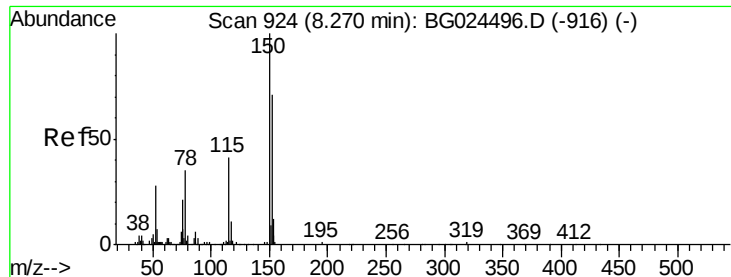
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Instrument :

BNA_G

ClientSampleId :

SB-72-0.5-1.0

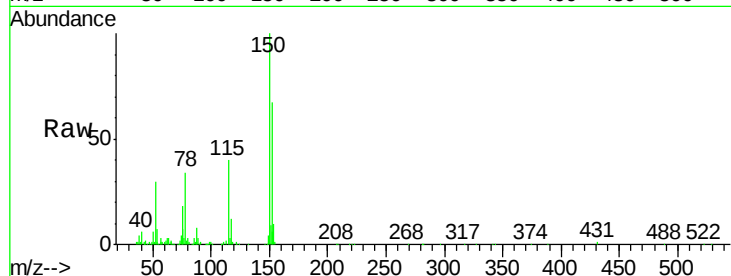
Tgt Ion:152 Resp: 123898

Ion Ratio Lower Upper

152 100

150 149.3 114.0 171.0

115 59.1 48.1 72.1



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

150000

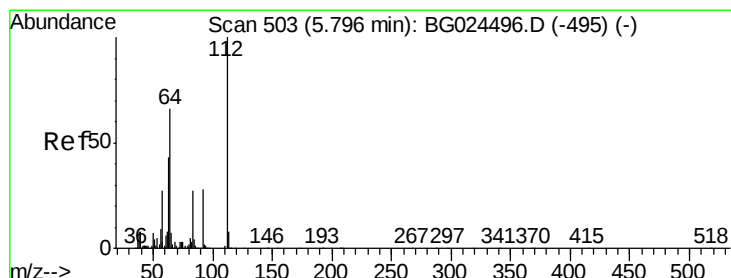
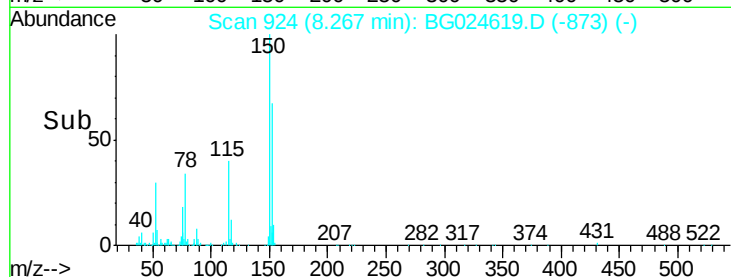
100000

50000

0

8.20 8.25 8.30 8.35

Time-->



#5

2-Fluorophenol

Concen: 149.54 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

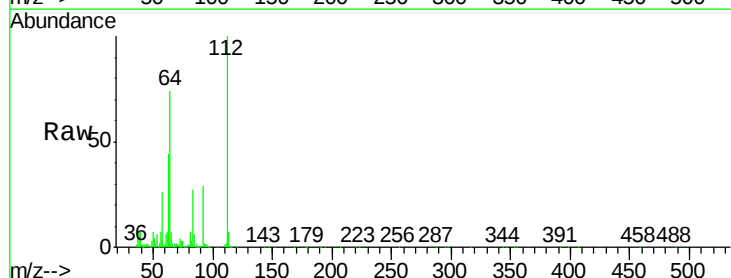
Tgt Ion:112 Resp: 1130416

Ion Ratio Lower Upper

112 100

64 74.2 61.8 92.6

63 44.1 37.2 55.8



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

800000

600000

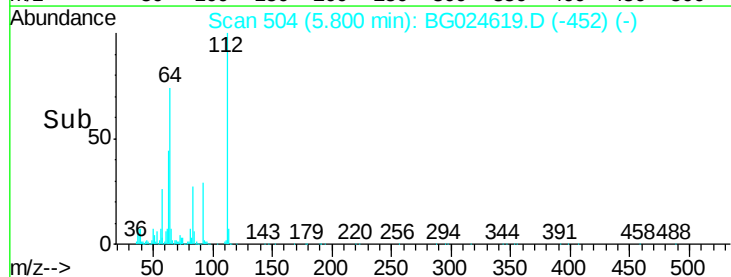
400000

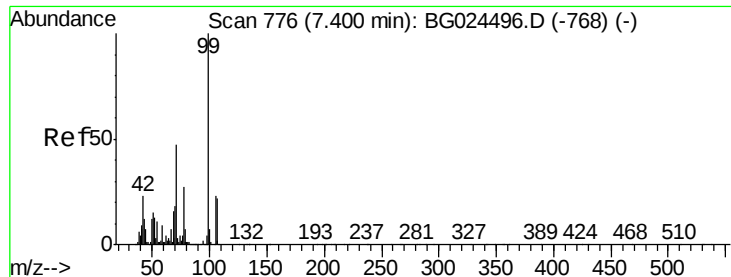
200000

0

5.70 5.80 5.90

Time-->





#7

Phenol-d6

Concen: 156.33 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Instrument :

BNA_G

ClientSampleId :

SB-72-0.5-1.0

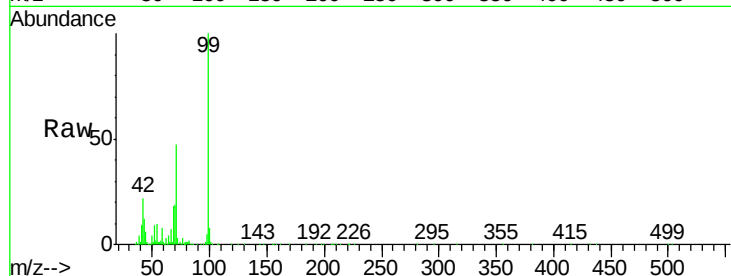
Tgt Ion: 99 Resp: 1621038

Ion Ratio Lower Upper

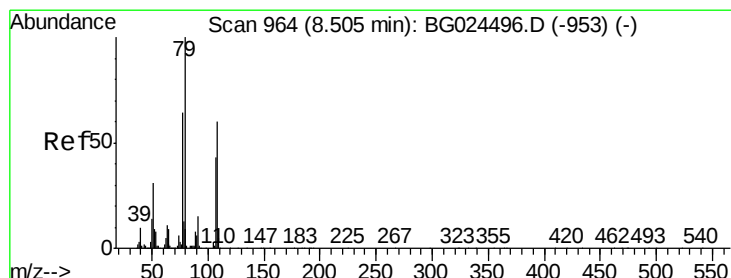
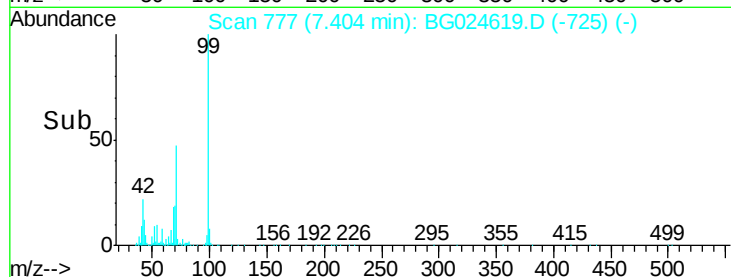
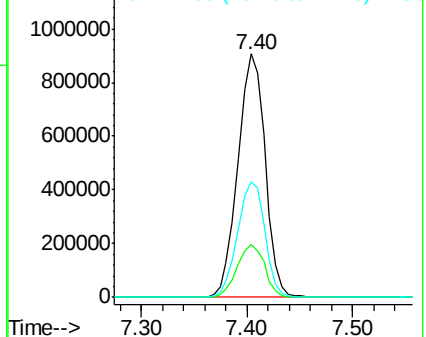
99 100

42 21.8 20.5 30.7

71 47.4 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

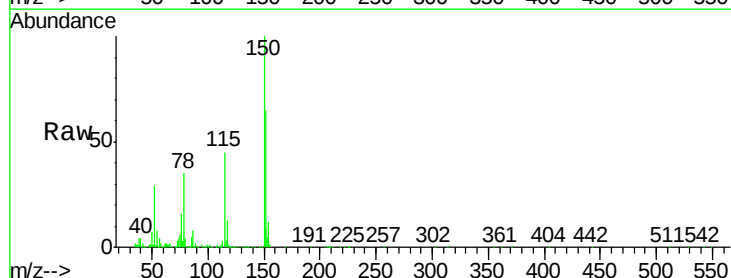
Tgt Ion: 79 Resp: 21556

Ion Ratio Lower Upper

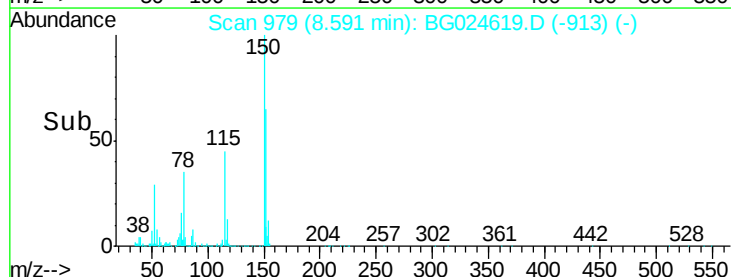
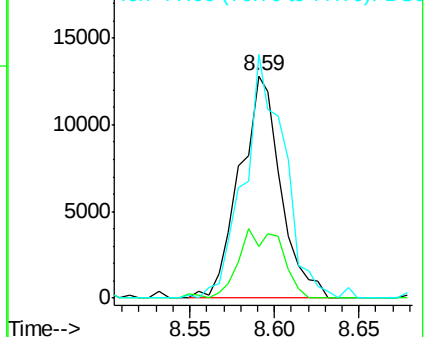
79 100

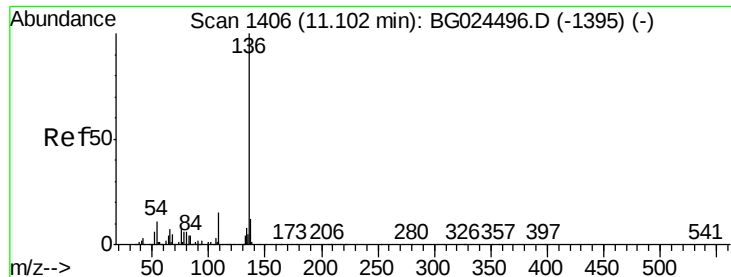
108 23.3 45.5 68.3#

77 109.5 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

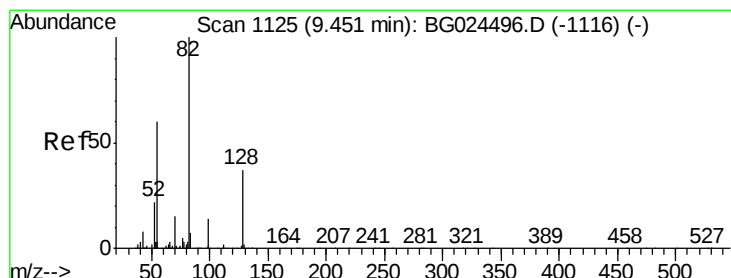
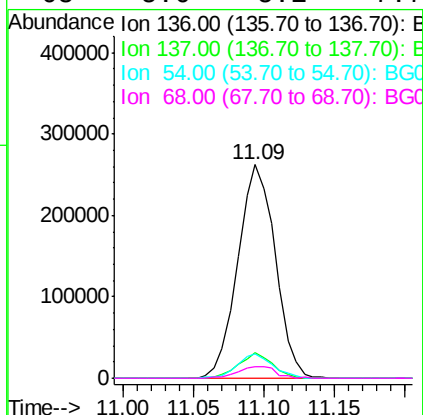
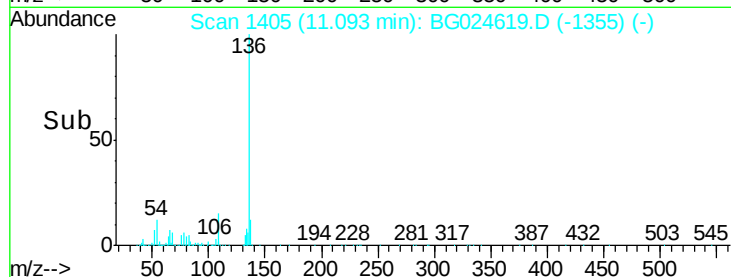
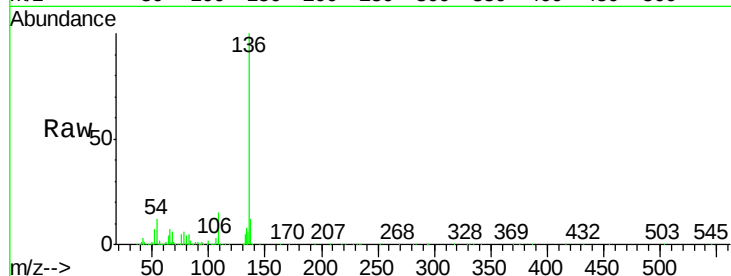




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024619.D
Acq: 2 Nov 2016 8:56

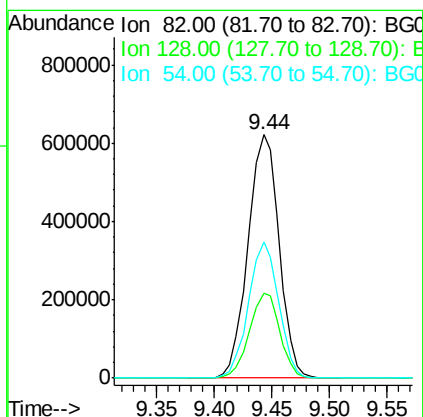
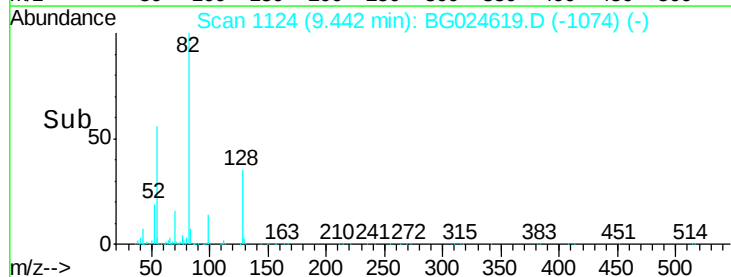
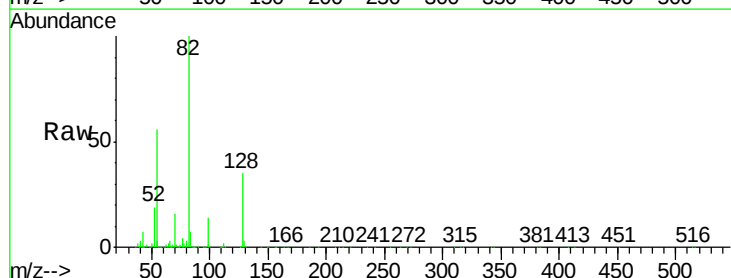
Instrument :
BNA_G
ClientSampleId :
SB-72-0.5-1.0

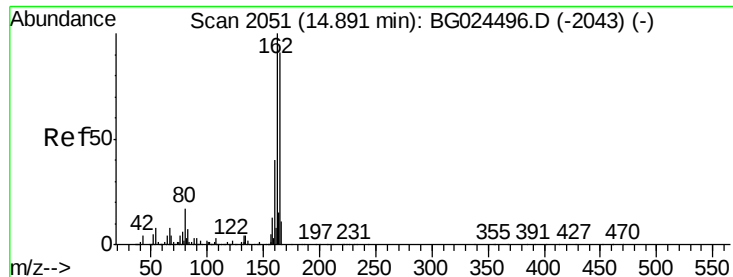
Tgt Ion:	136	Resp:	486431
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.6	9.3	13.9
68	5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 109.21 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024619.D
Acq: 2 Nov 2016 8:56

Tgt Ion:	82	Resp:	1166832
Ion	Ratio	Lower	Upper
82	100		
128	35.0	26.4	39.6
54	56.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Instrument :

BNA_G

ClientSampleId :

SB-72-0.5-1.0

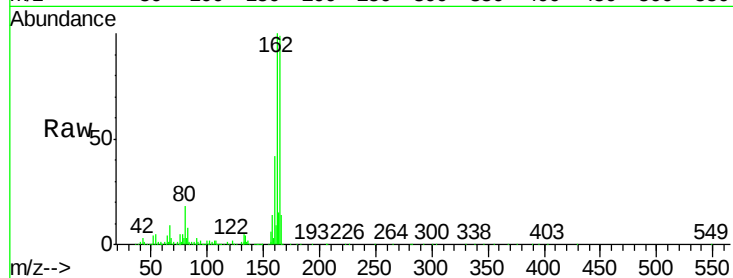
Tgt Ion:164 Resp: 363388

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

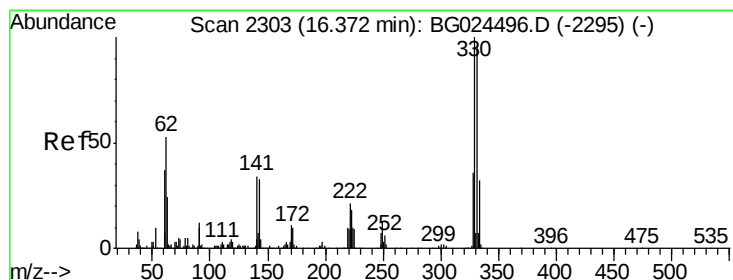
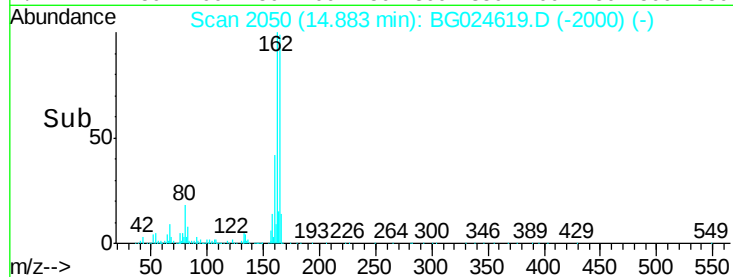
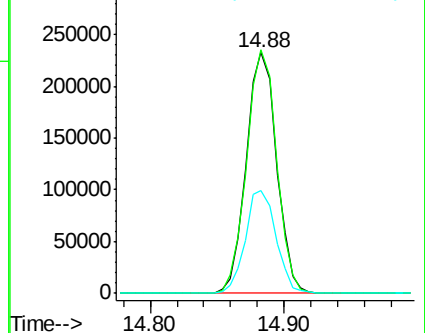
160 42.7 34.7 52.1



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: 153.83 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

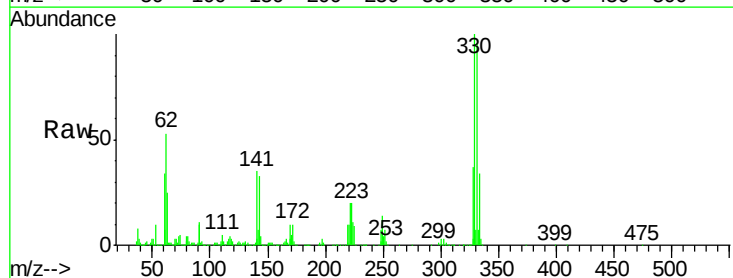
Tgt Ion:330 Resp: 835110

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

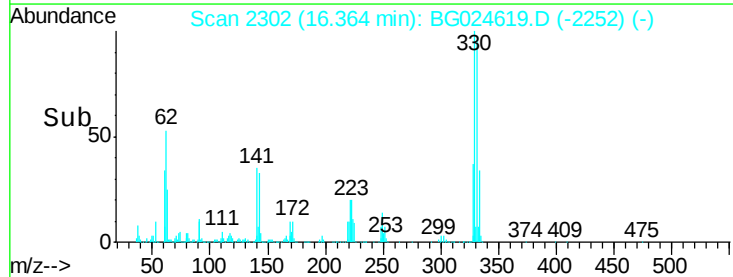
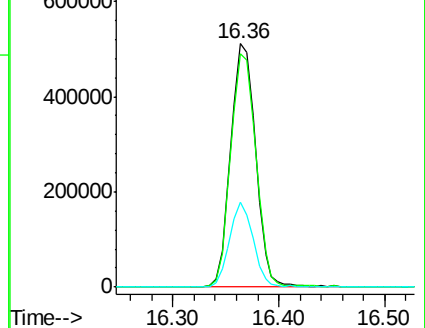
141 33.2 32.1 48.1

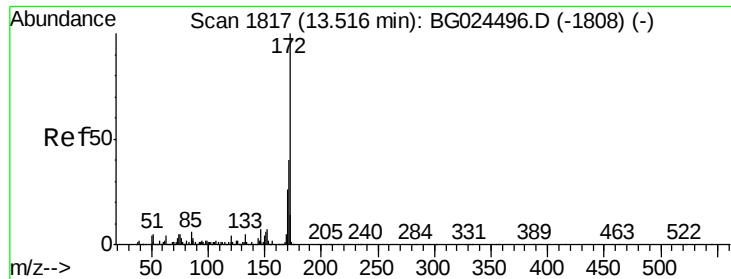


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.53 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Instrument :

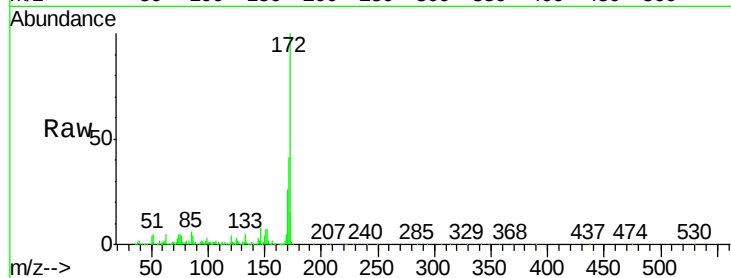
BNA_G

ClientSampleId :

SB-72-0.5-1.0

Tgt Ion:172 Resp: 2285337

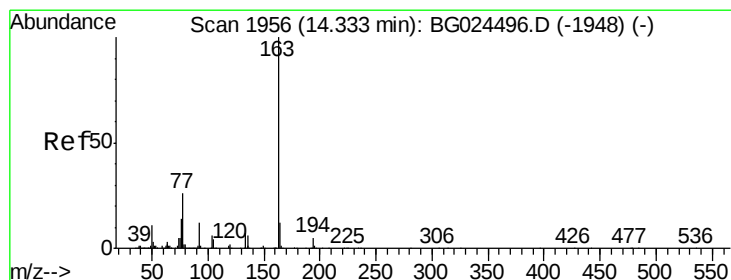
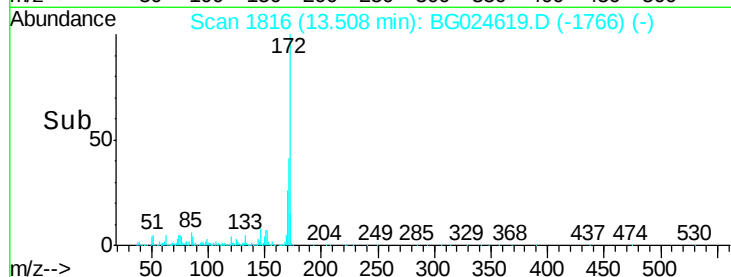
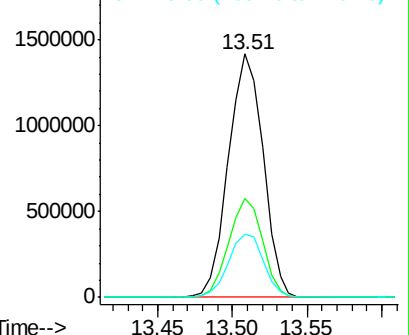
Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.2	48.2
170	25.9	21.8	32.6



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



#49

Dimethylphthalate

Concen: 29.25 ng

RT: 14.32 min Scan# 1954

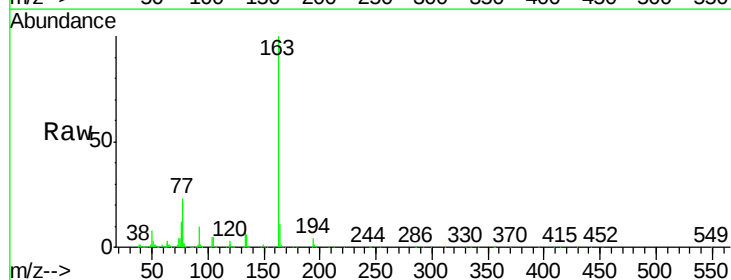
Delta R.T. -0.01 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Tgt Ion:163 Resp: 754624

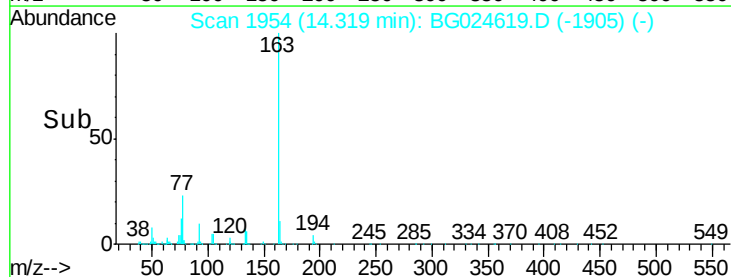
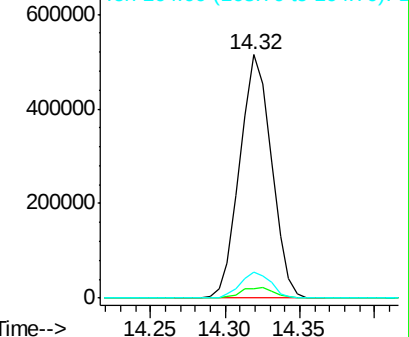
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.9	9.3	13.9

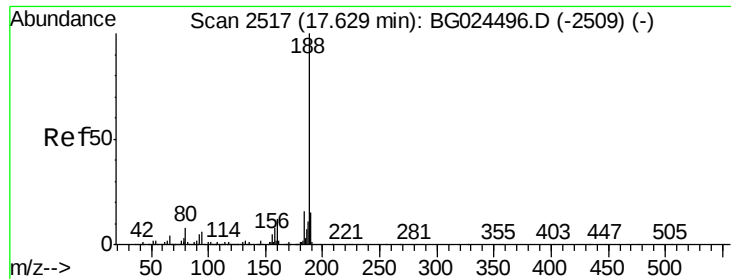


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

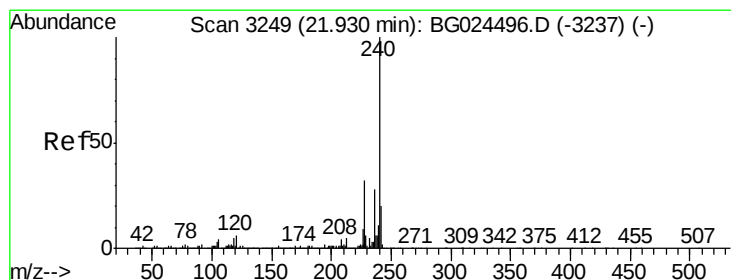
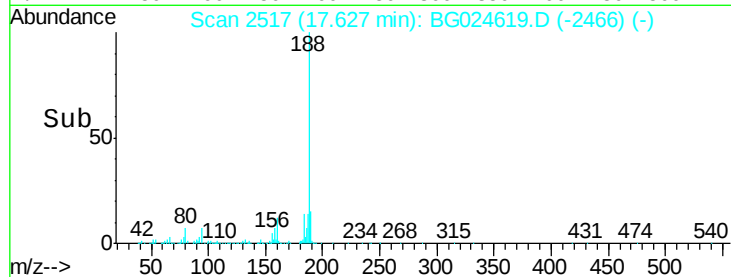
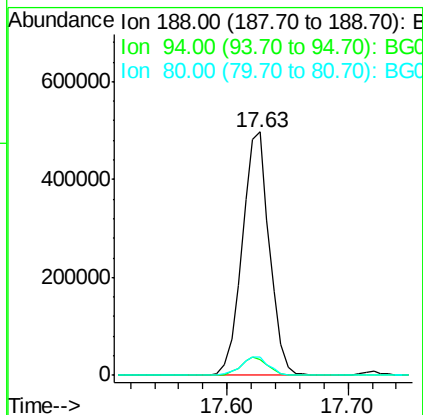
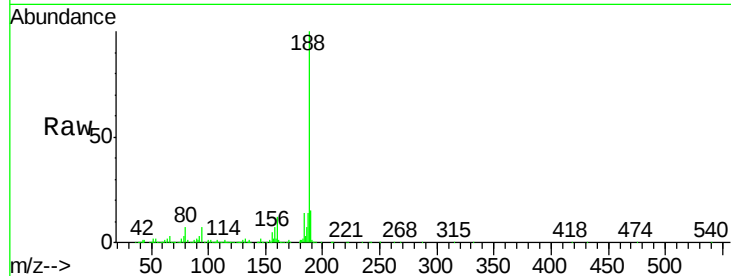




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024619.D
Acq: 2 Nov 2016 8:56

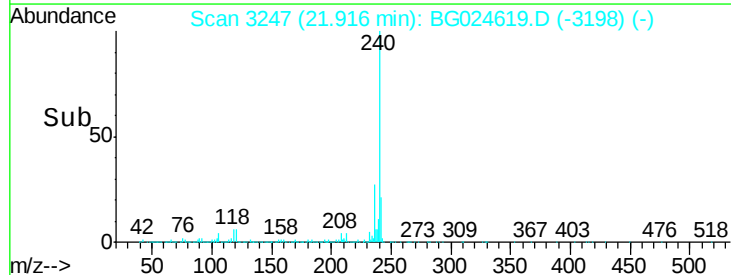
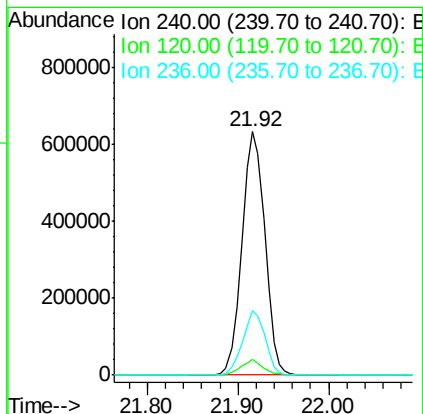
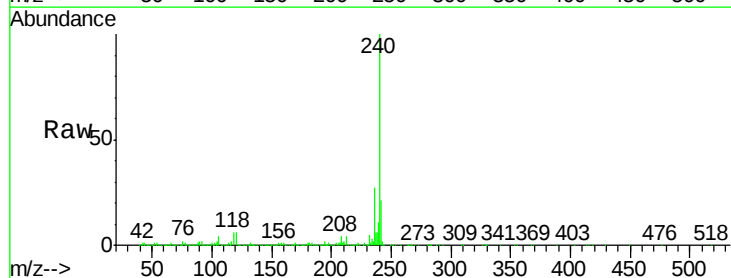
Instrument :
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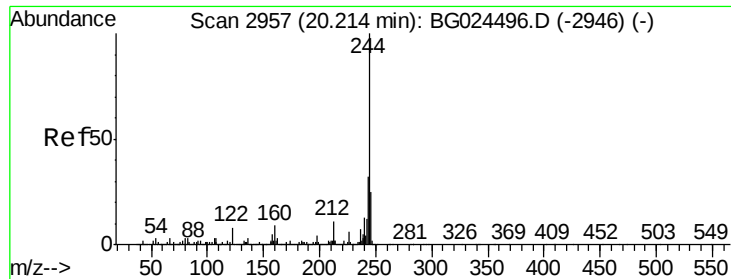
Tgt Ion:188 Resp: 775201
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024619.D
Acq: 2 Nov 2016 8:56

Tgt Ion:240 Resp: 1112031
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 94.98 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

Instrument :

BNA_G

ClientSampleId :

SB-72-0.5-1.0

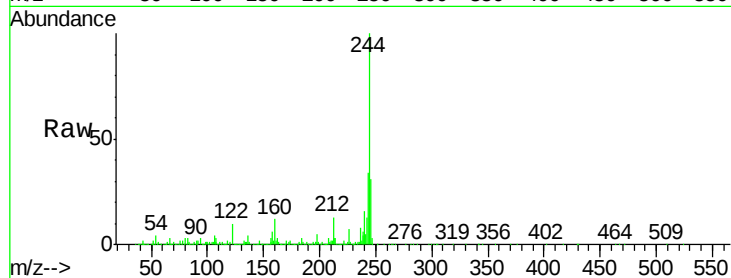
Tgt Ion:244 Resp: 3534830

Ion Ratio Lower Upper

244 100

212 12.5 10.0 15.0

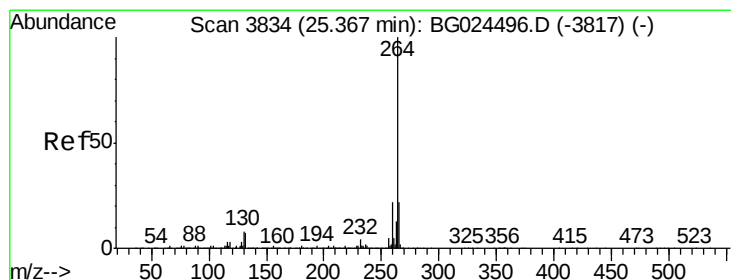
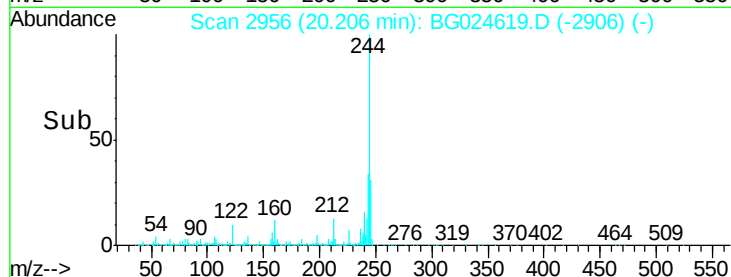
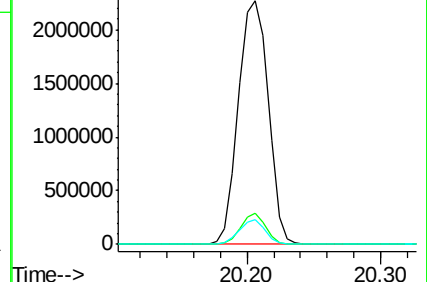
122 10.3 8.6 12.8



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: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024619.D

Acq: 2 Nov 2016 8:56

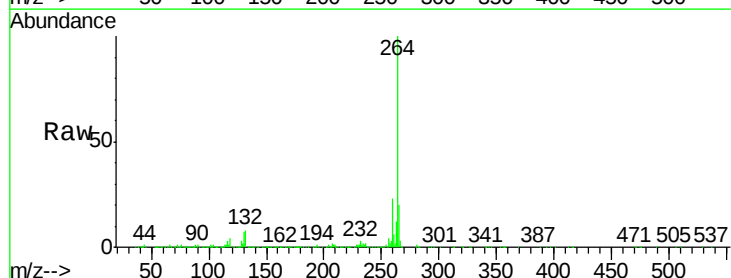
Tgt Ion:264 Resp: 1128932

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 20.3 18.2 27.4



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

