

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102516\
 Data File : BG024509.D
 Acq On : 25 Oct 2016 22:42
 Operator : UM/SJ
 Sample : H5391-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20161020-DS-AMBIENT-M

Quant Time: Oct 26 02:27:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:25:08 2016
 Response via : Initial Calibration

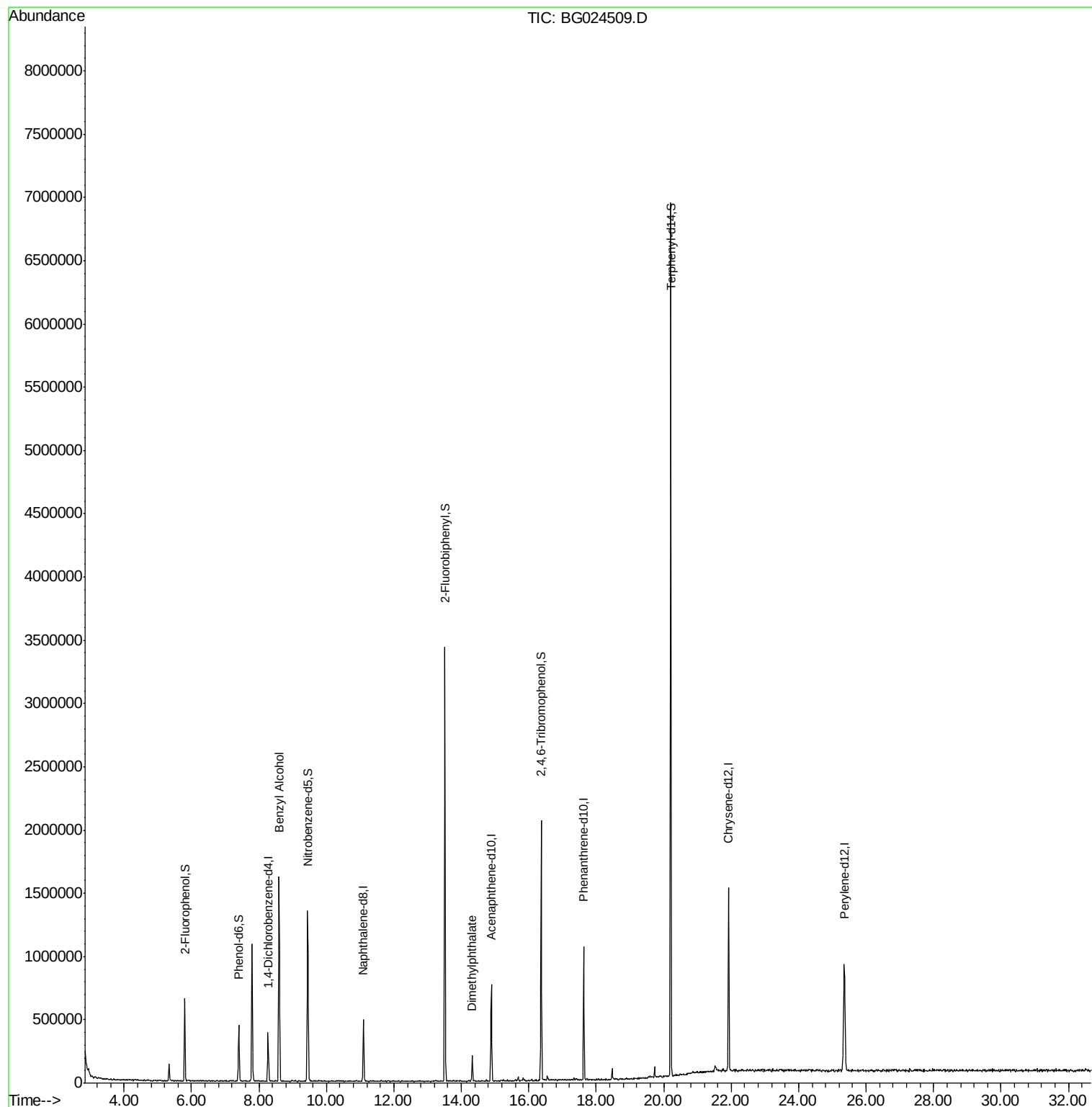
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	100720	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	381280	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	285590	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	650022	20.00	ng	0.00
75) Chrysene-d12	21.92	240	964528	20.00	ng	0.00
86) Perylene-d12	25.35	264	1027797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	260206	42.34	ng	0.00
7) Phenol-d6	7.40	99	228346	27.09	ng	0.00
23) Nitrobenzene-d5	9.45	82	841412	100.48	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	395999	92.81	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1672074	97.31	ng	0.00
78) Terphenyl-d14	20.21	244	2888070	89.47	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	16656	2.12	ng	Qvalue # 59
49) Dimethylphthalate	14.33	163	121725	6.00	ng	97

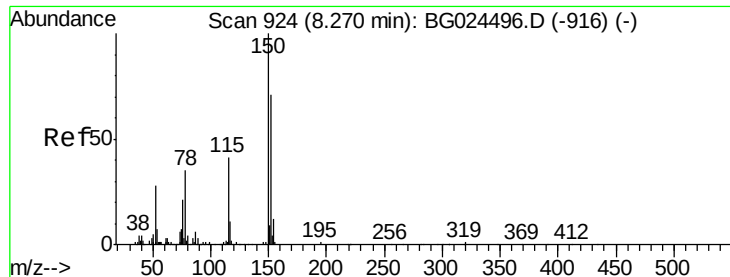
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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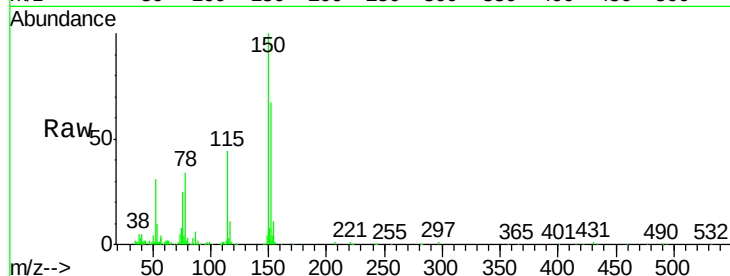


#1

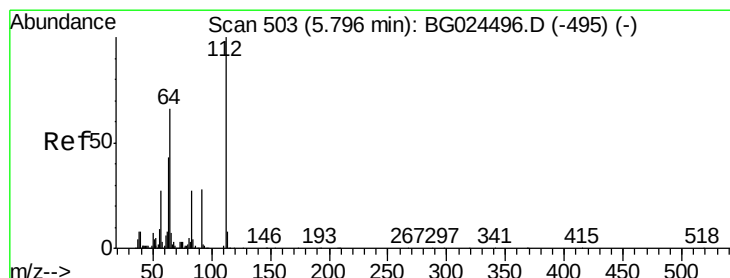
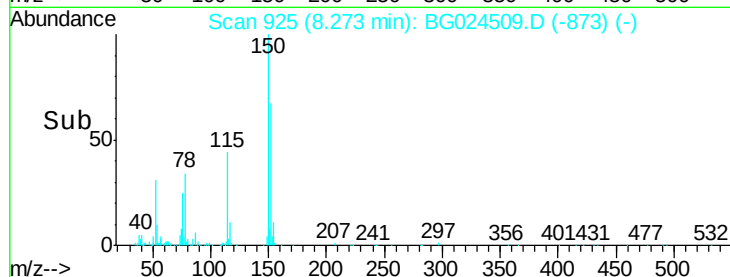
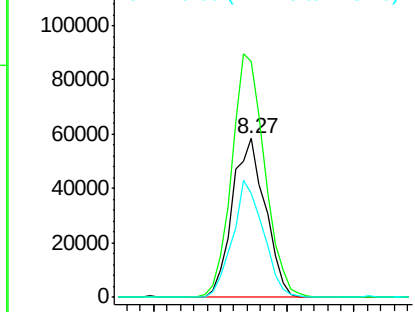
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG024509.D
Acq: 25 Oct 2016 22:42

Instrument :
BNA_G
ClientSampleId :
20161020-DS-AMBIENT-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.2	114.0	171.0
115	65.4	48.1	72.1



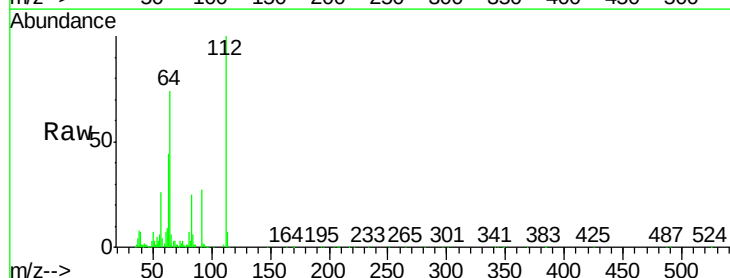
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



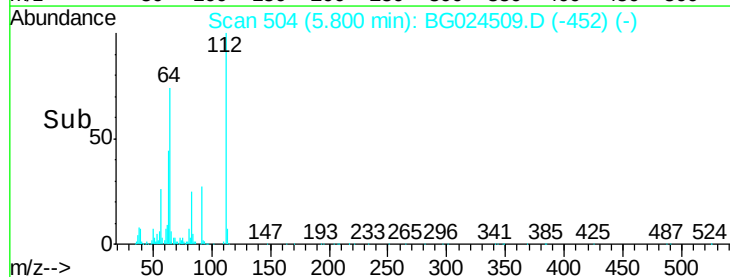
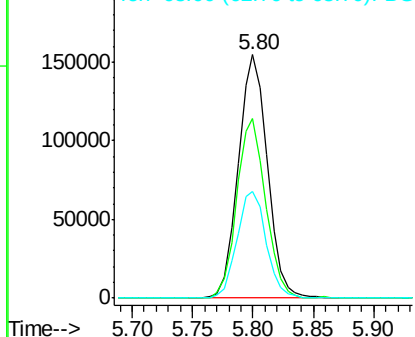
#5

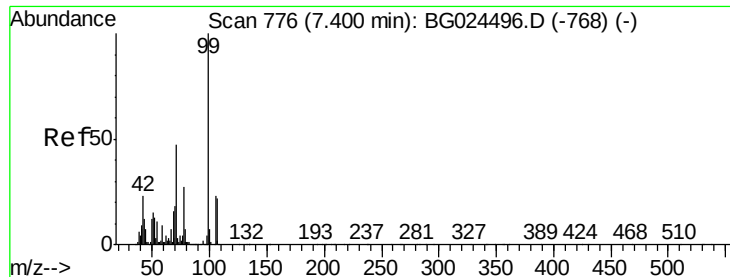
2-Fluorophenol
Concen: 42.34 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024509.D
Acq: 25 Oct 2016 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	61.8	92.6
63	43.7	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





#7

Phenol-d6

Concen: 27.09 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

Instrument :

BNA_G

ClientSampleId :

20161020-DS-AMBIENT-M

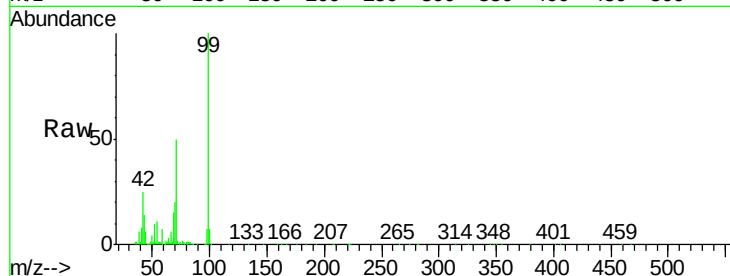
Tgt Ion: 99 Resp: 228346

Ion Ratio Lower Upper

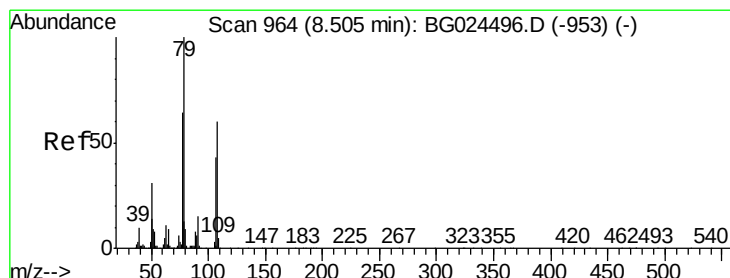
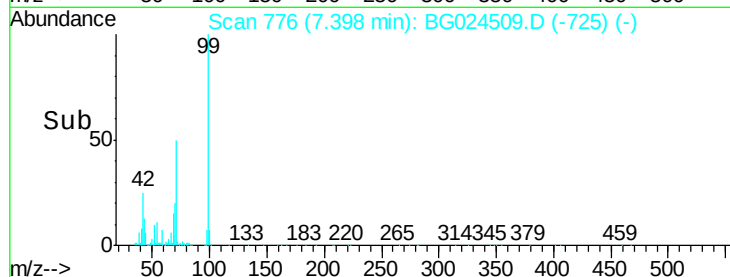
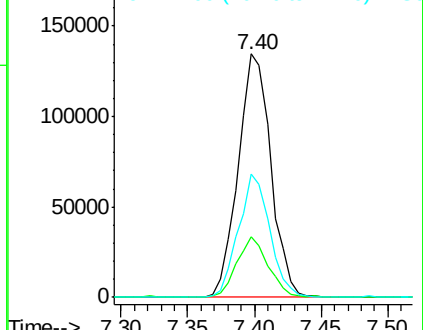
99 100

42 24.7 20.5 30.7

71 50.4 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: 2.12 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

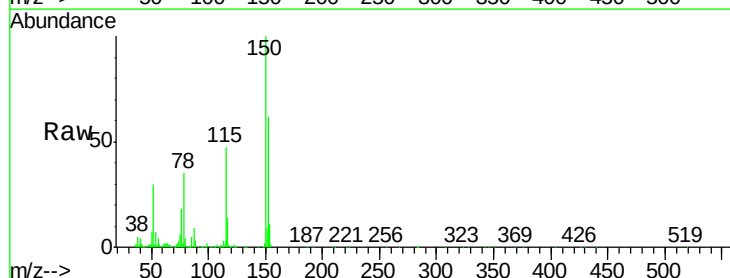
Tgt Ion: 79 Resp: 16656

Ion Ratio Lower Upper

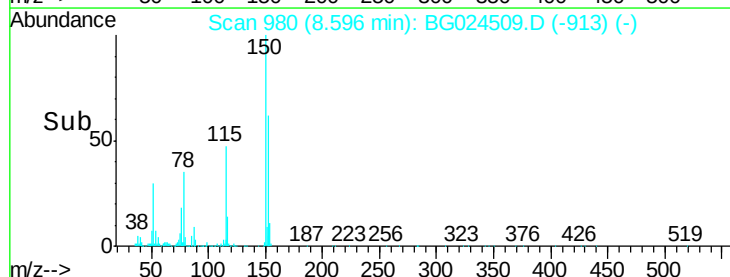
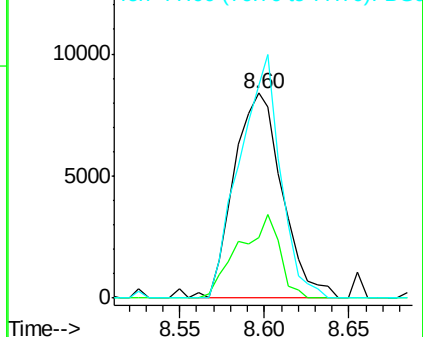
79 100

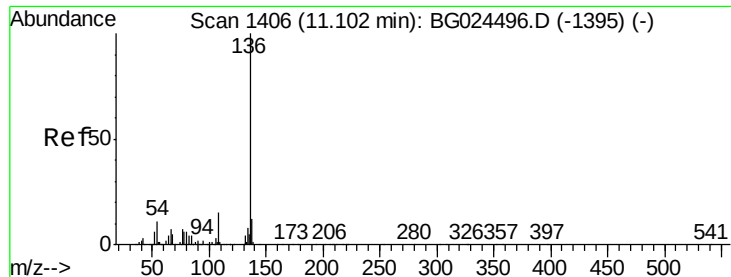
108 29.7 45.5 68.3#

77 103.8 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

Instrument :

BNA_G

ClientSampleId :

20161020-DS-AMBIENT-M

Tgt Ion: 136 Resp: 381280

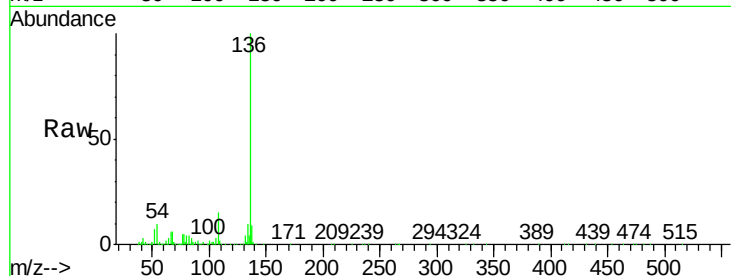
Ion Ratio Lower Upper

136 100

137 9.4 8.9 13.3

54 10.5 9.3 13.9

68 7.4 5.1 7.7

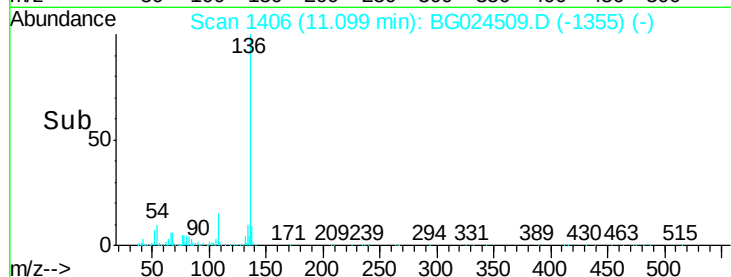


Abundance Ion 136.00 (135.70 to 136.70): E

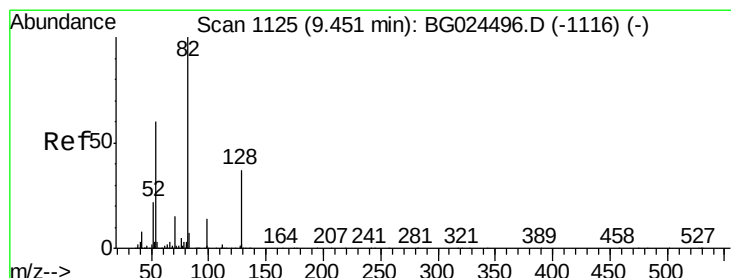
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 100.48 ng

RT: 9.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

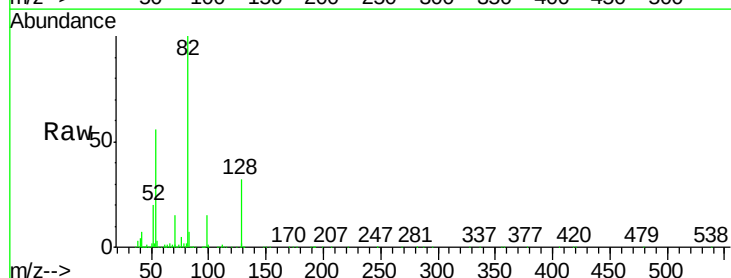
Tgt Ion: 82 Resp: 841412

Ion Ratio Lower Upper

82 100

128 32.0 26.4 39.6

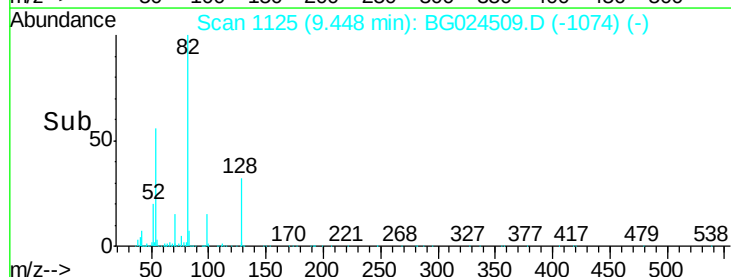
54 56.0 49.4 74.2



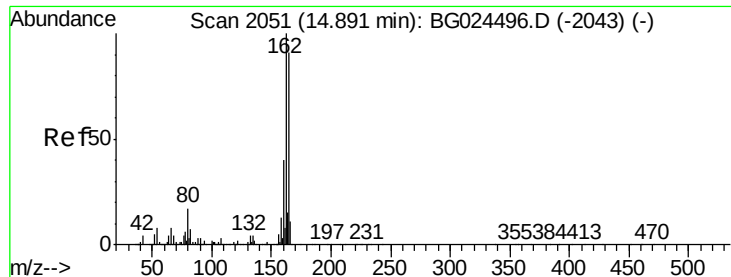
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

Instrument :

BNA_G

ClientSampleId :

20161020-DS-AMBIENT-M

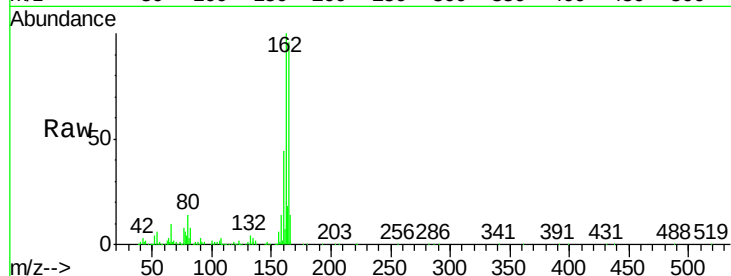
Tgt Ion:164 Resp: 285590

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

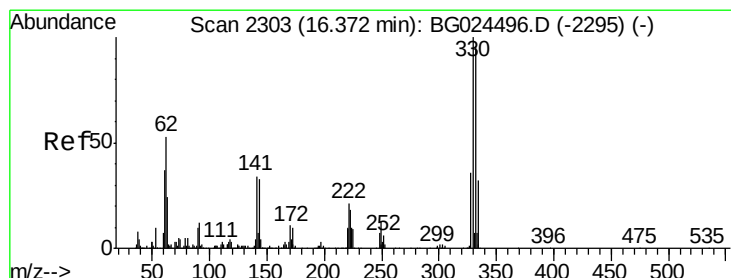
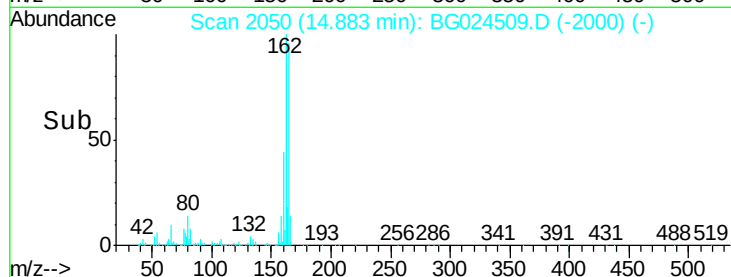
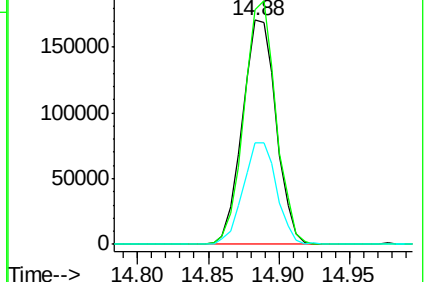
160 45.5 34.7 52.1



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: 92.81 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

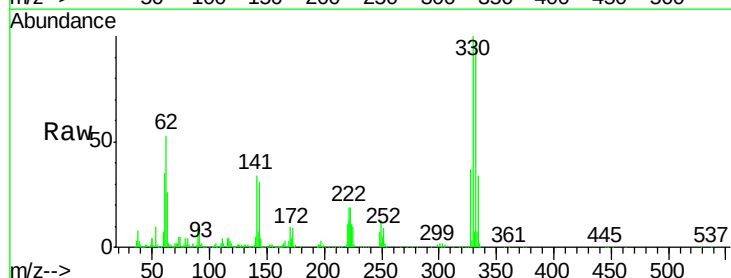
Tgt Ion:330 Resp: 395999

Ion Ratio Lower Upper

330 100

332 94.0 77.3 115.9

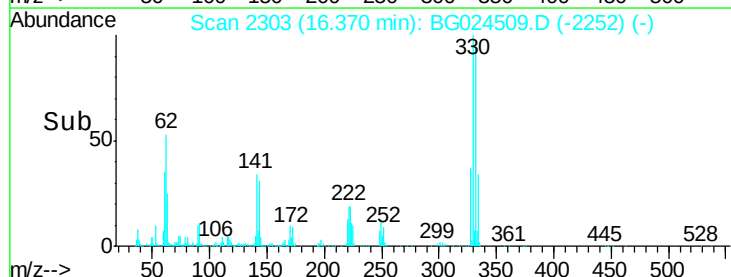
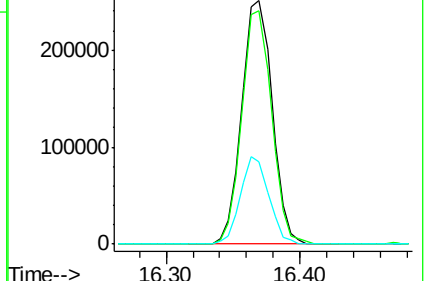
141 33.8 32.1 48.1

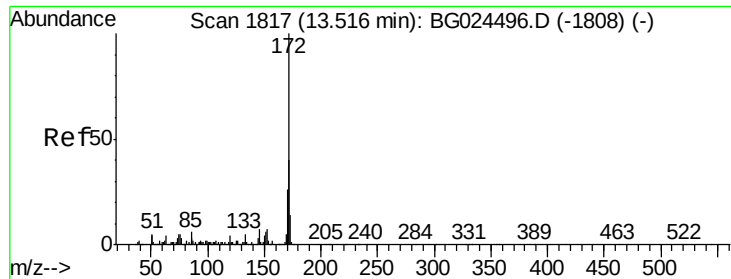


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 97.31 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

Instrument :

BNA_G

ClientSampleId :

20161020-DS-AMBIENT-M

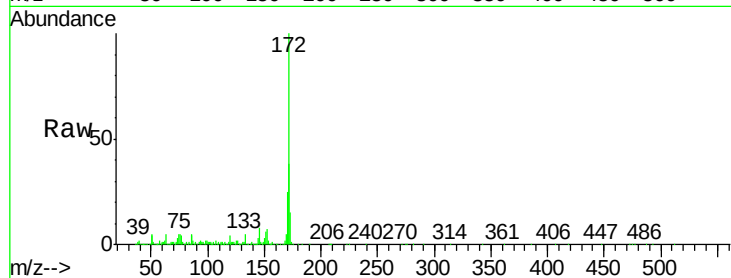
Tgt Ion:172 Resp: 1672074

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

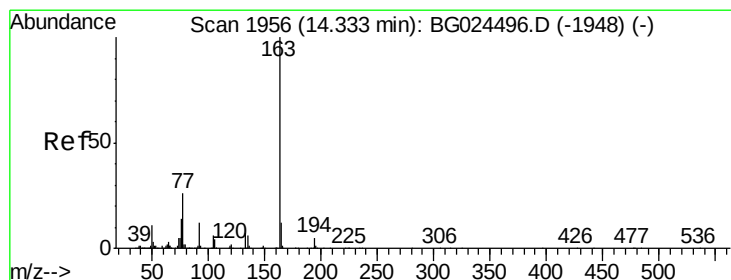
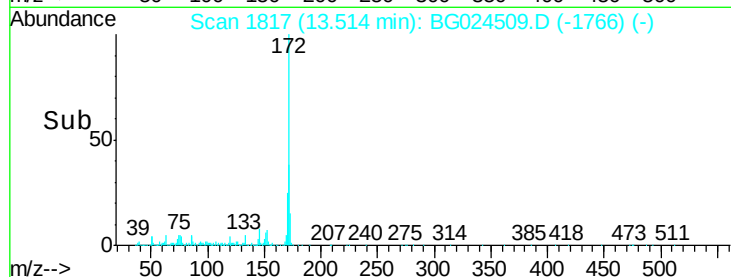
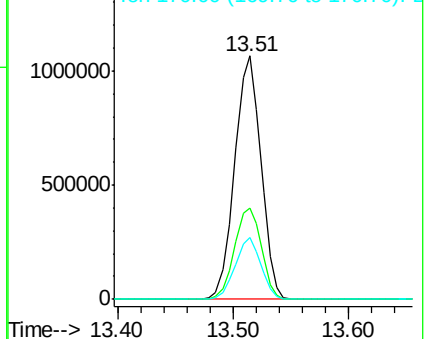
170 25.4 21.8 32.6



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: 6.00 ng

RT: 14.33 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

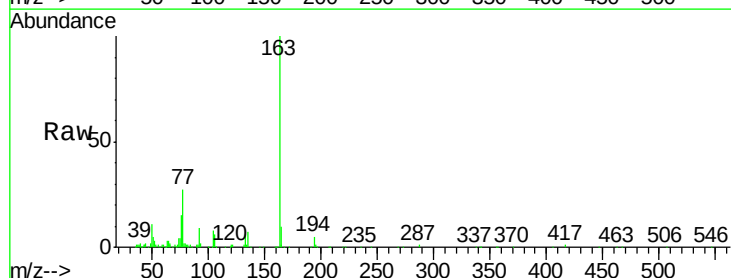
Tgt Ion:163 Resp: 121725

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.6

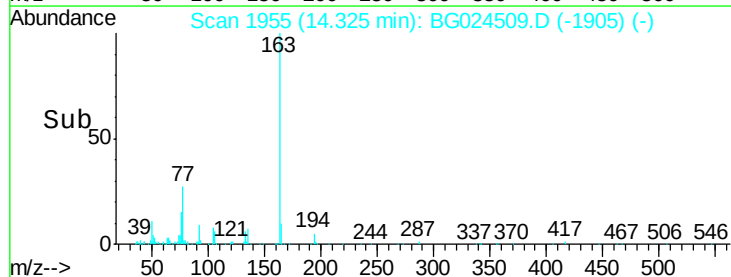
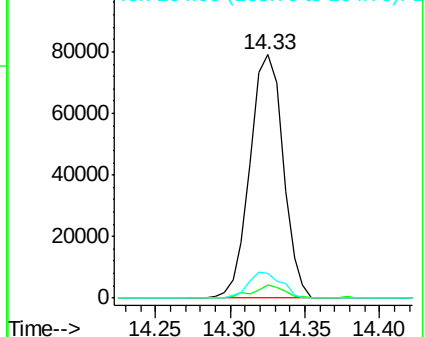
164 10.3 9.3 13.9

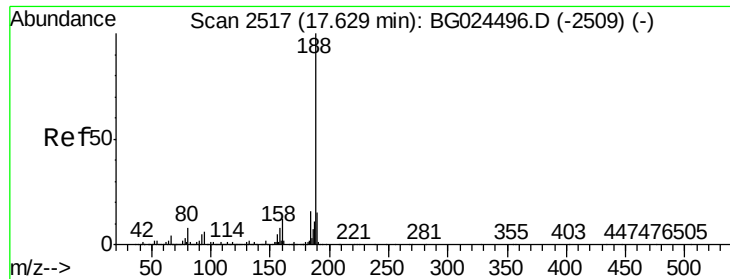


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

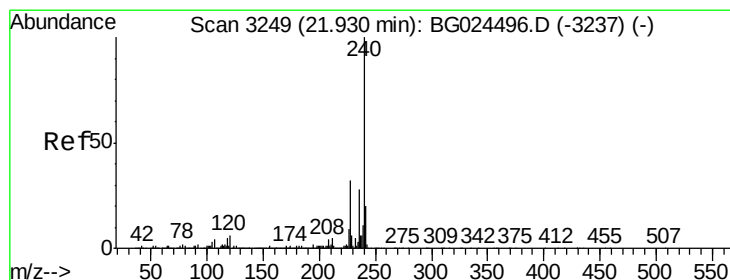
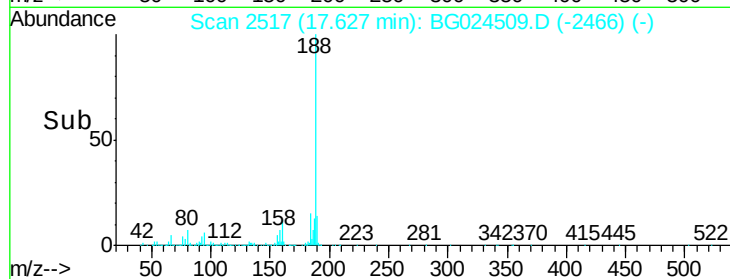
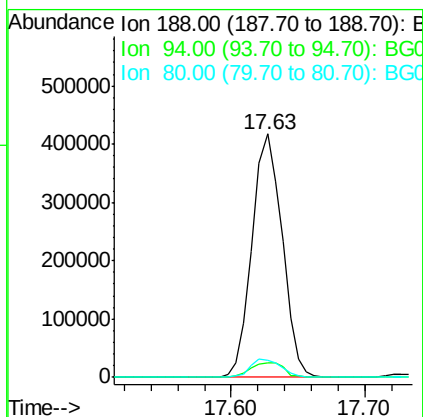
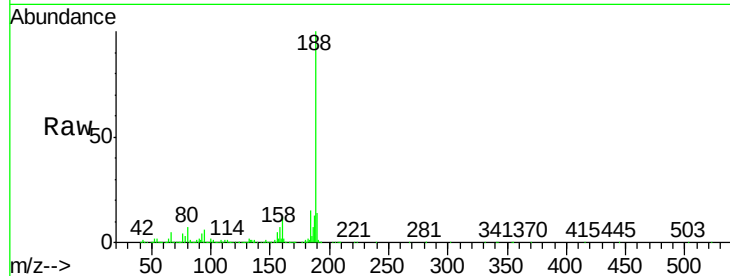




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024509.D
Acq: 25 Oct 2016 22:42

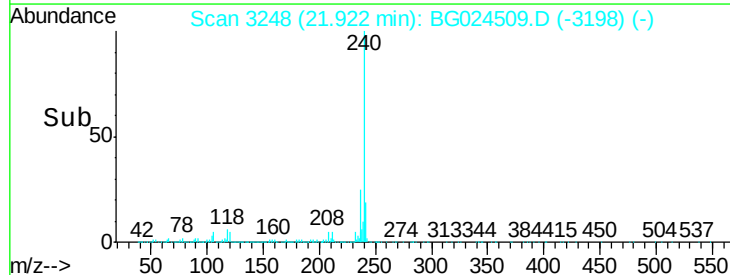
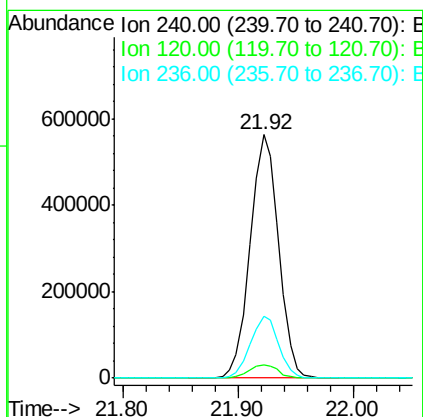
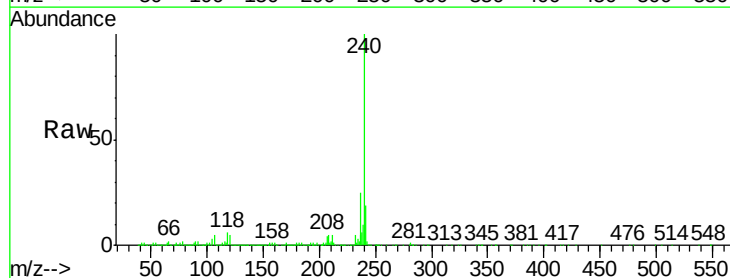
Instrument :
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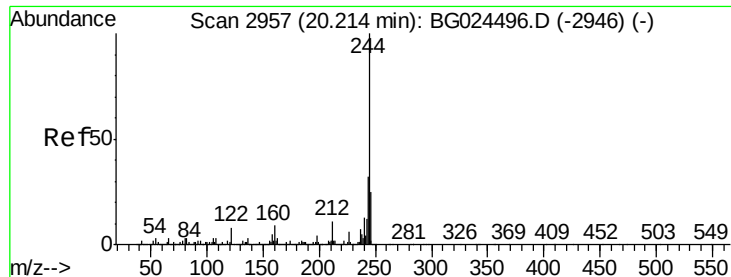
Tgt Ion:188 Resp: 650022
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 7.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024509.D
Acq: 25 Oct 2016 22:42

Tgt Ion:240 Resp: 964528
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 89.47 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

Instrument :

BNA_G

ClientSampleId :

20161020-DS-AMBIENT-M

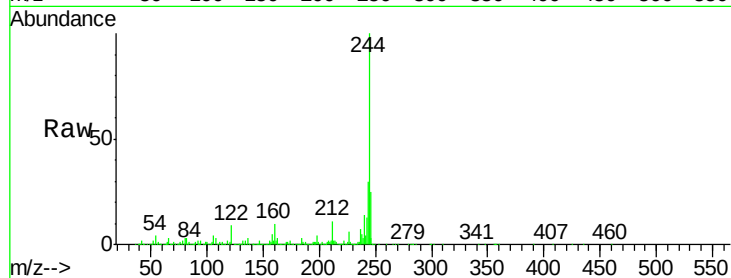
Tgt Ion:244 Resp: 2888070

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

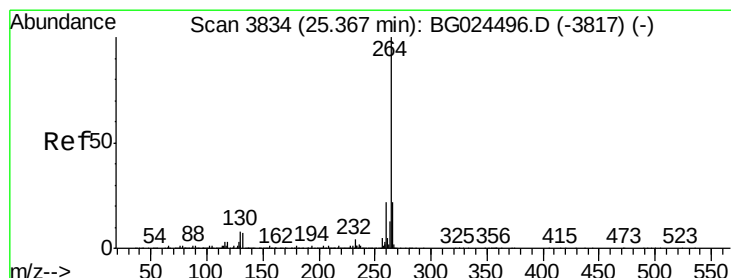
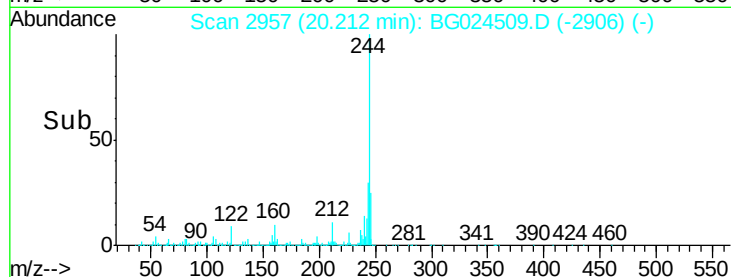
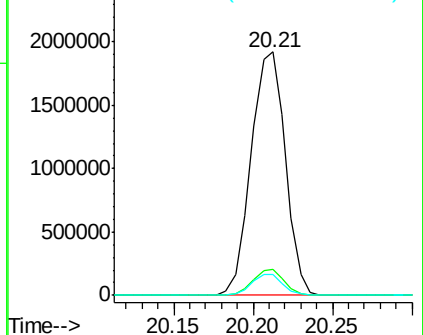
122 8.5 8.6 12.8#



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# 3832

Delta R.T. -0.01 min

Lab File: BG024509.D

Acq: 25 Oct 2016 22:42

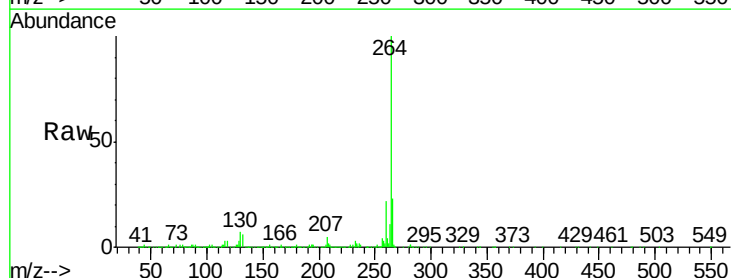
Tgt Ion:264 Resp: 1027797

Ion Ratio Lower Upper

264 100

260 21.8 21.8 32.8#

265 23.3 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

