

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024570.D
 Acq On : 31 Oct 2016 23:56
 Operator : UM/SJ
 Sample : H5481-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Nov 01 11:59:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

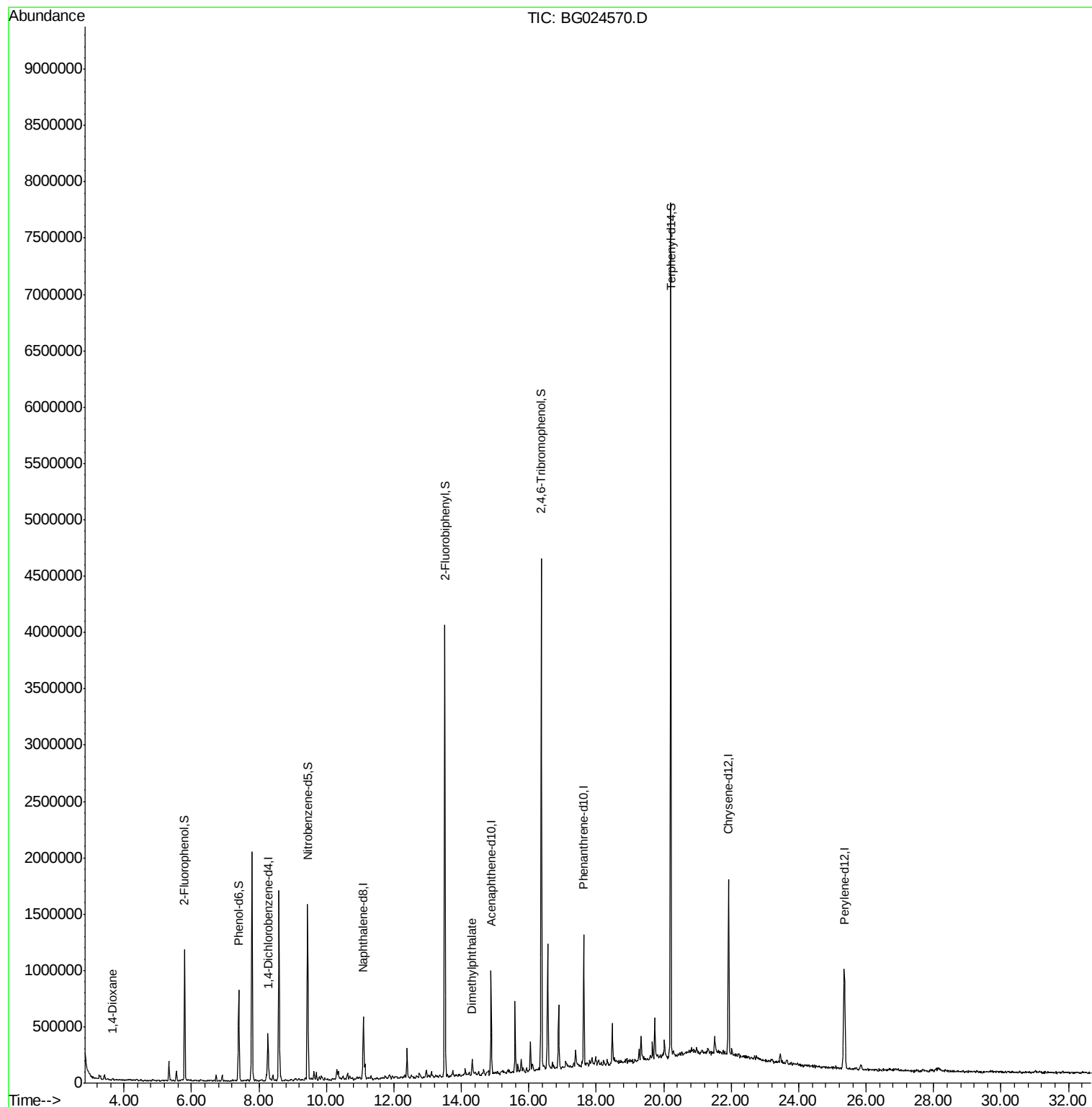
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	109342	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	454188	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	341507	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	755630	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1033357	20.00	ng	0.00
86) Perylene-d12	25.35	264	1108367	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	463342	69.45	ng	0.00
7) Phenol-d6	7.40	99	440402	48.13	ng	0.00
23) Nitrobenzene-d5	9.45	82	980965	98.34	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	793080	155.45	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2009595	97.81	ng	0.00
78) Terphenyl-d14	20.21	244	3066085	88.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.67	88	8494	3.12	ng	# 66
49) Dimethylphthalate	14.32	163	89872	3.71	ng	# 98

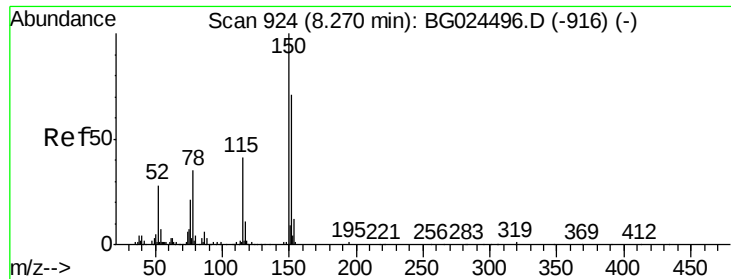
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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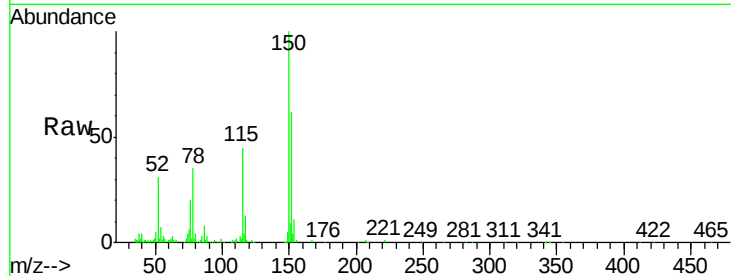


#1

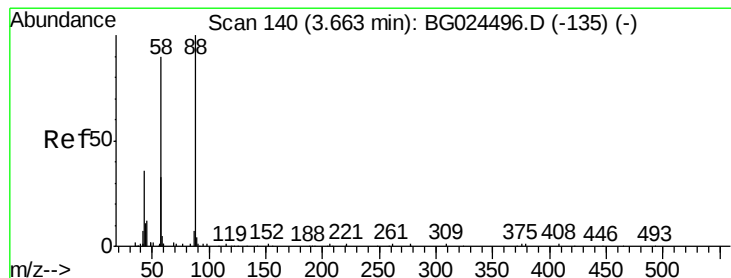
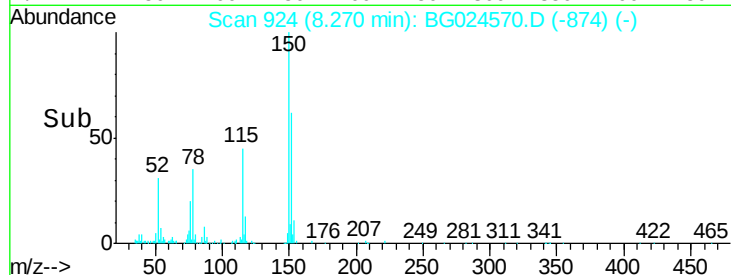
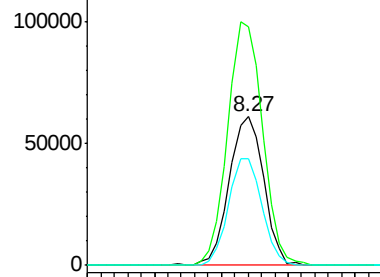
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:152 Resp: 109342
Ion Ratio Lower Upper
152 100
150 161.0 114.0 171.0
115 72.3 48.1 72.1#



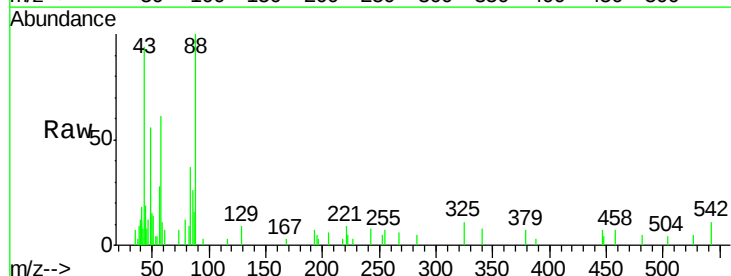
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



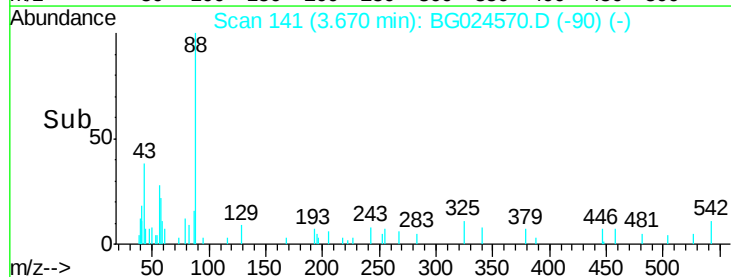
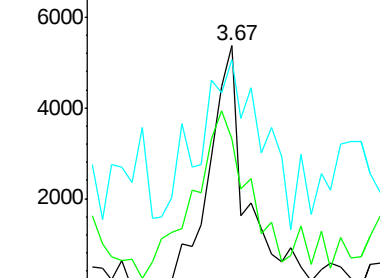
#2

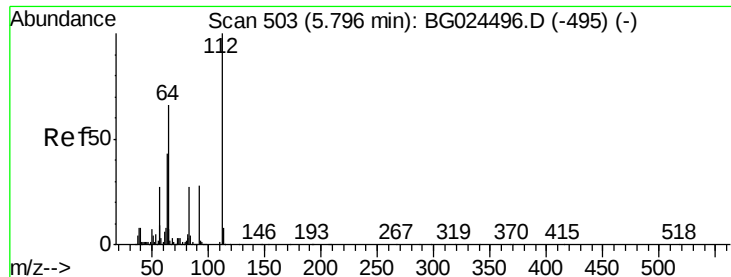
1,4-Dioxane
Concen: 3.12 ng
RT: 3.67 min Scan# 141
Delta R.T. 0.00 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Tgt Ion: 88 Resp: 8494
Ion Ratio Lower Upper
88 100
58 100.3 79.4 119.2
43 112.8 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 69.45 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

Instrument :

BNA_G

ClientSampleId :

DUP

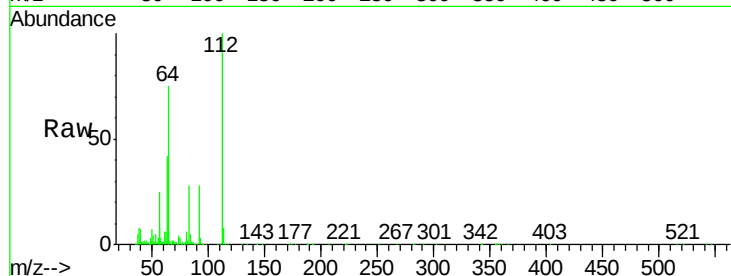
Tgt Ion: 112 Resp: 463342

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

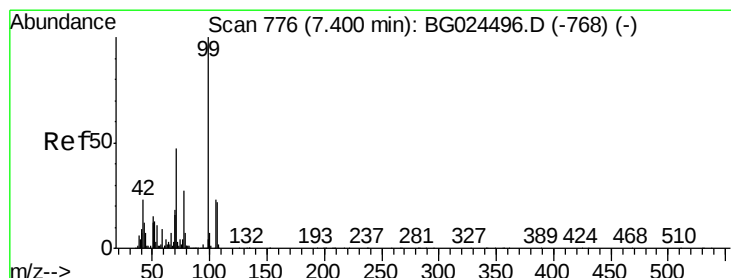
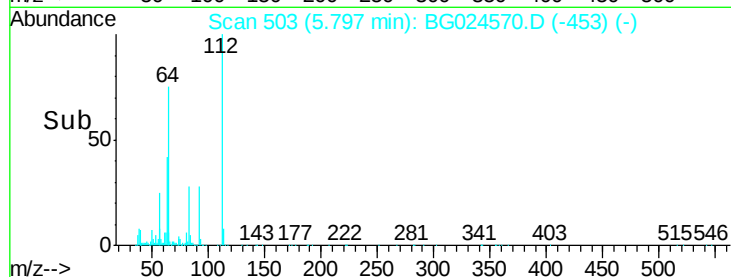
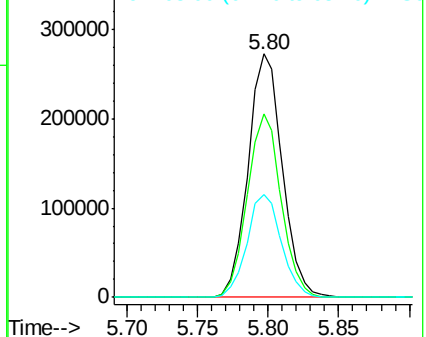
63 42.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 48.13 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

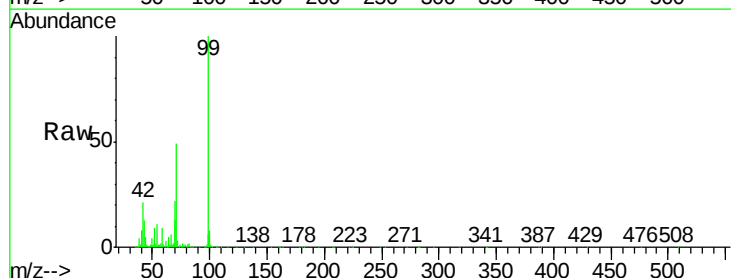
Tgt Ion: 99 Resp: 440402

Ion Ratio Lower Upper

99 100

42 20.9 20.5 30.7

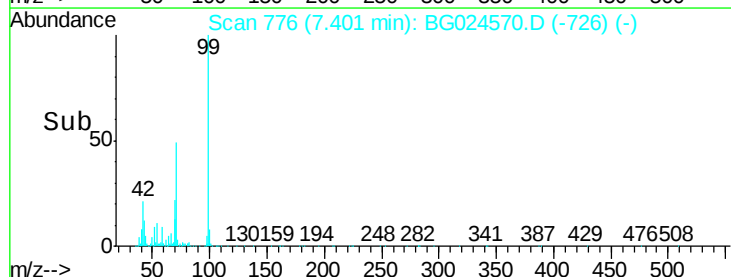
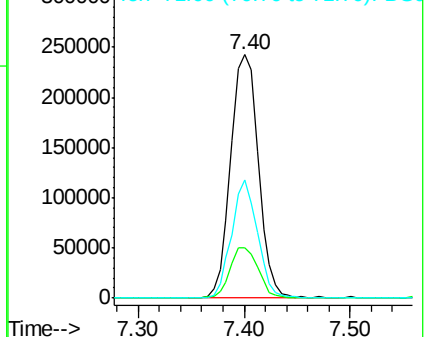
71 48.7 37.6 56.4



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

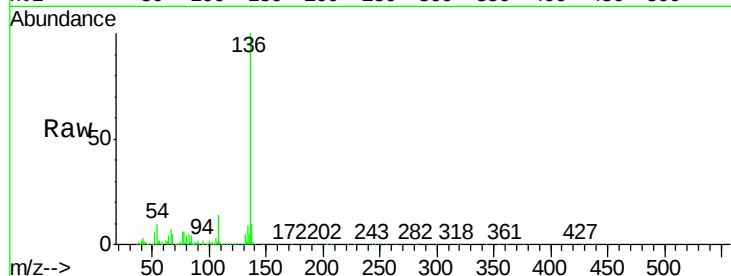




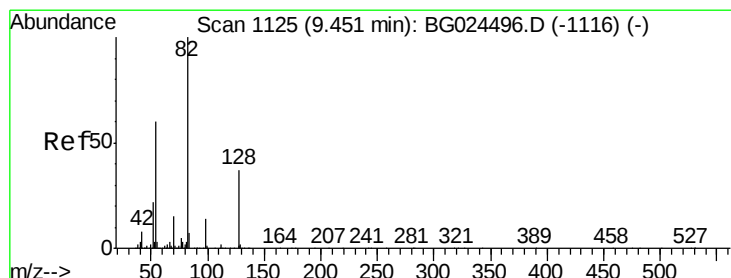
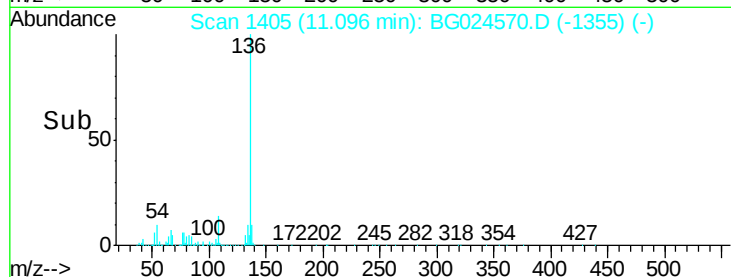
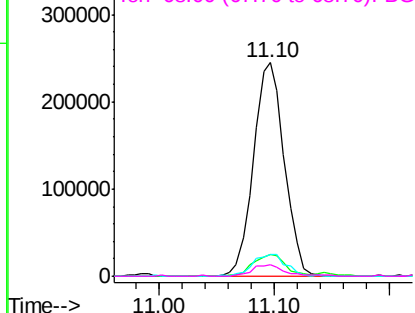
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:	136	Resp:	454188
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	10.0	9.3	13.9
68	5.2	5.1	7.7

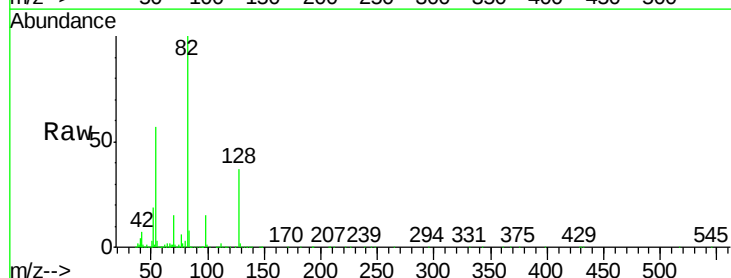


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

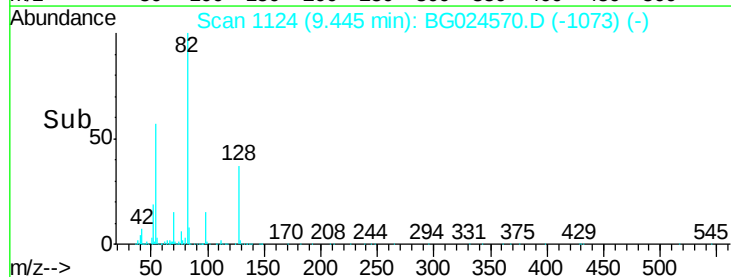
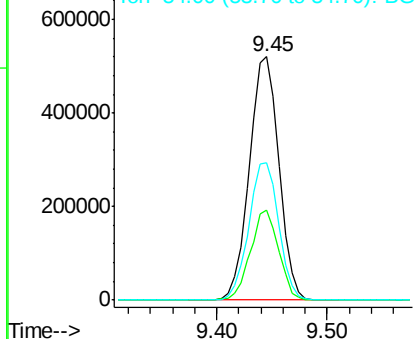


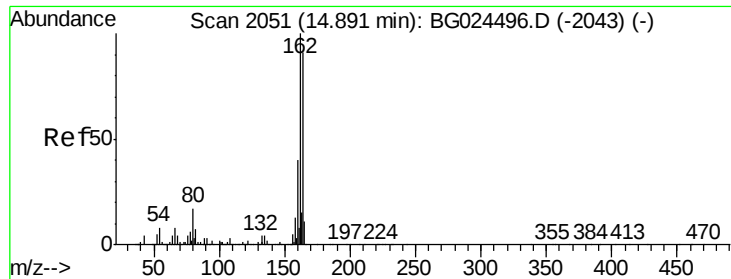
#23
Nitrobenzene-d5
Concen: 98.34 ng
RT: 9.45 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Tgt Ion:	82	Resp:	980965
Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	56.7	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

Instrument :

BNA_G

ClientSampleId :

DUP

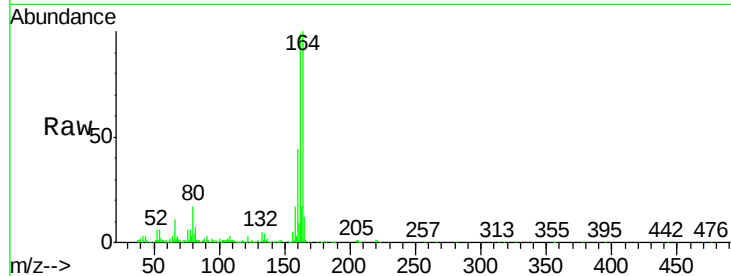
Tgt Ion:164 Resp: 341507

Ion Ratio Lower Upper

164 100

162 99.2 85.1 127.7

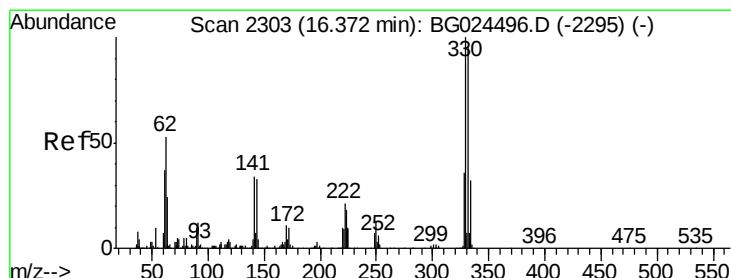
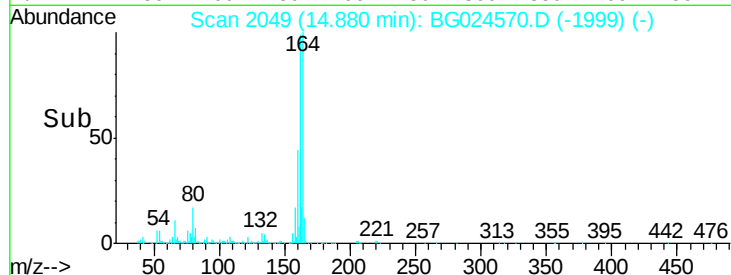
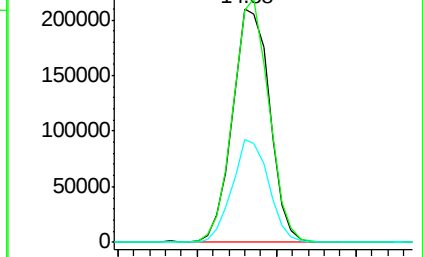
160 44.3 34.7 52.1



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: 155.45 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

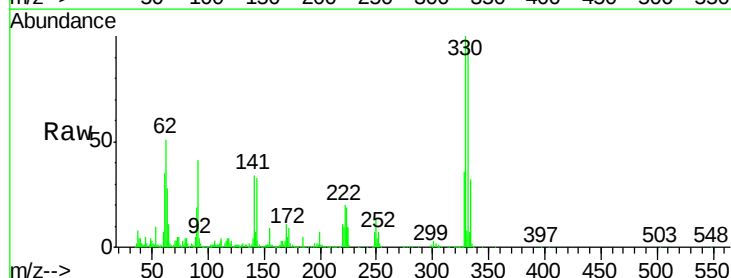
Tgt Ion:330 Resp: 793080

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

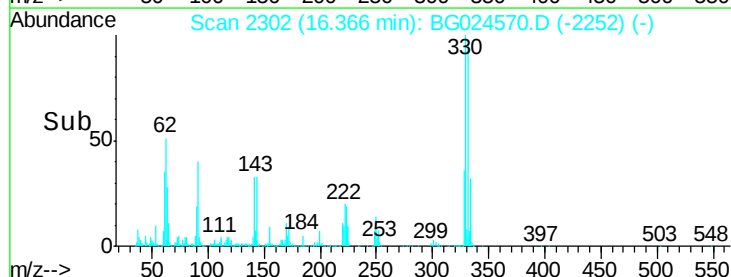
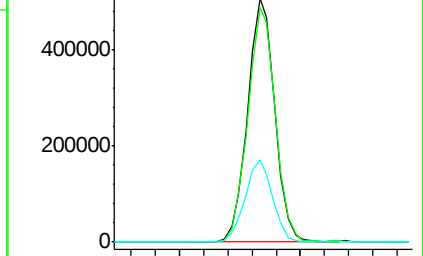
141 34.1 32.1 48.1

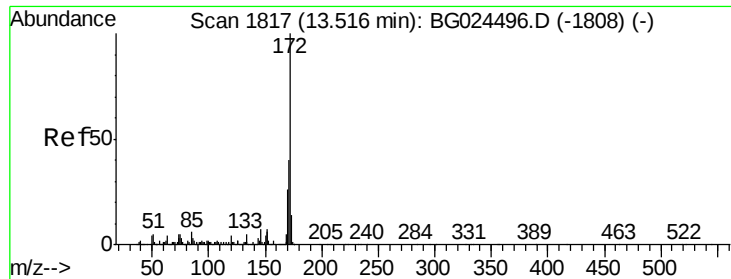


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

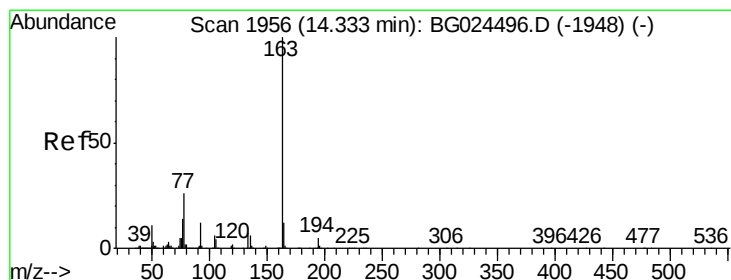
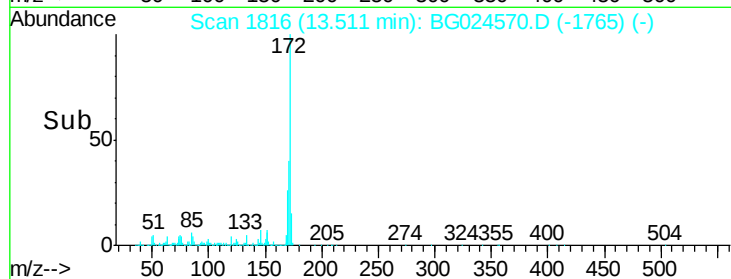
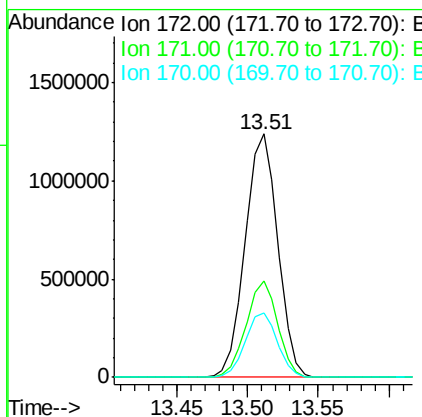
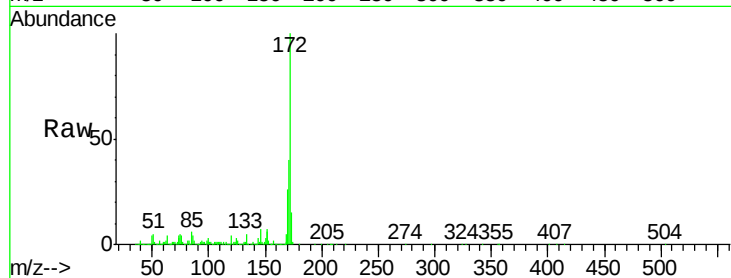




#44
2-Fluorobiphenyl
Concen: 97.81 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

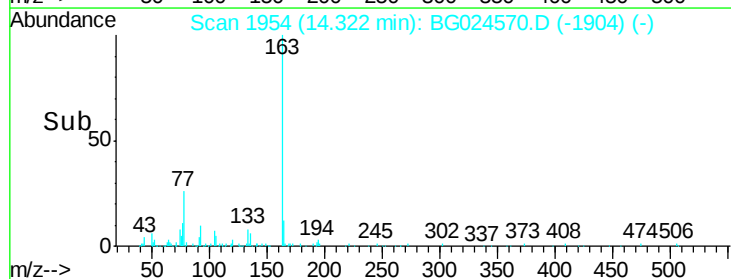
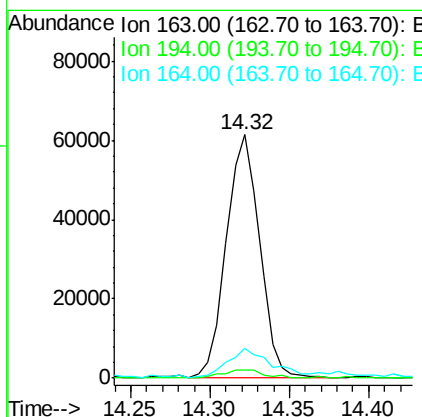
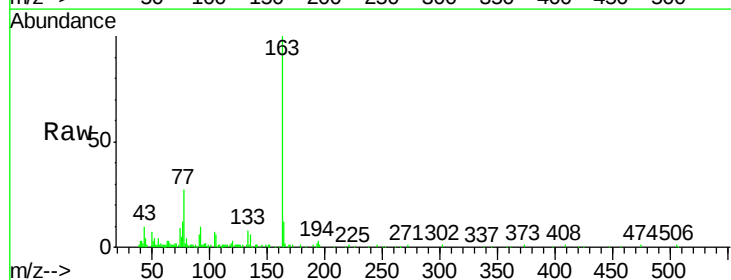
Instrument :
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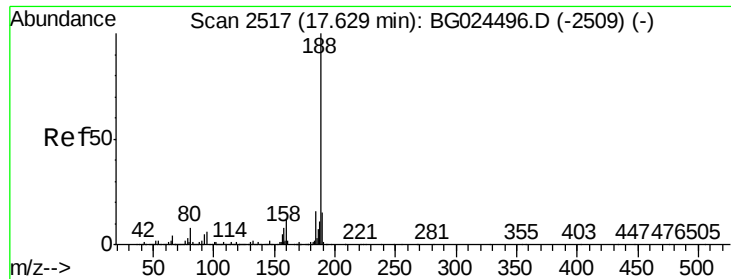
Tgt Ion:172 Resp: 2009595
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.3 21.8 32.6



#49
Dimethylphthalate
Concen: 3.71 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Tgt Ion:163 Resp: 89872
Ion Ratio Lower Upper
163 100
194 3.1 3.8 5.6#
164 12.2 9.3 13.9

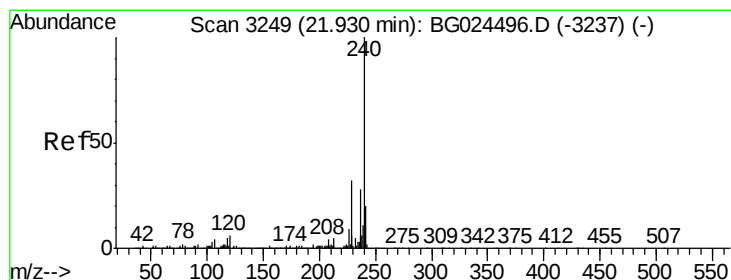
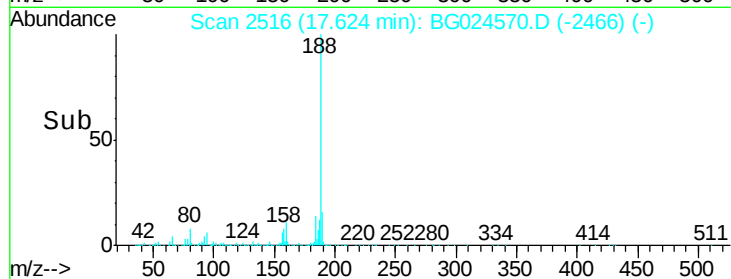
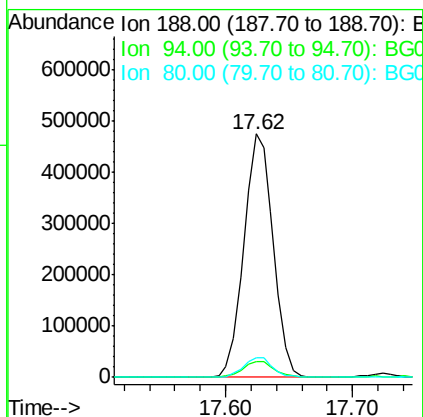
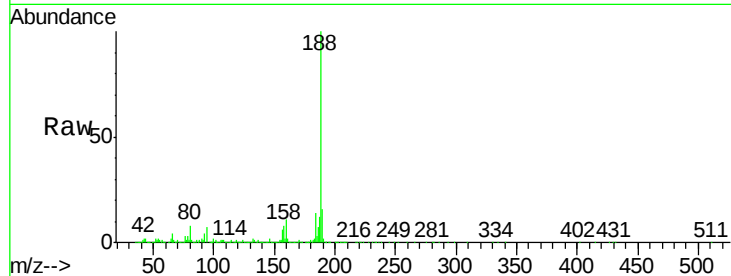




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

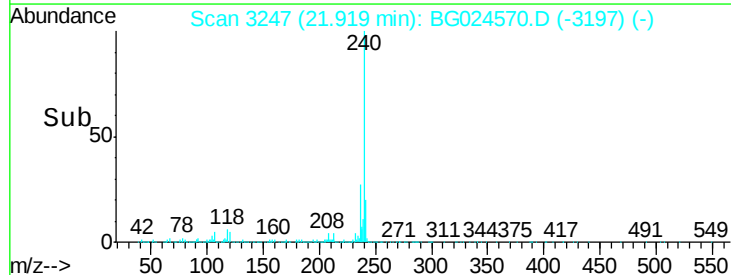
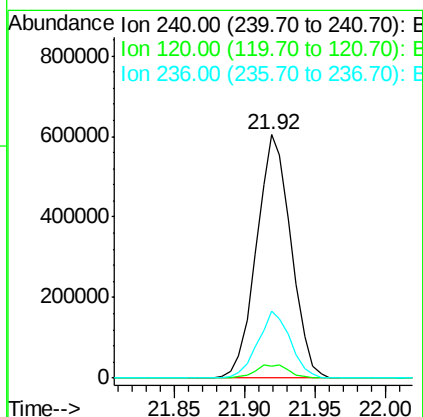
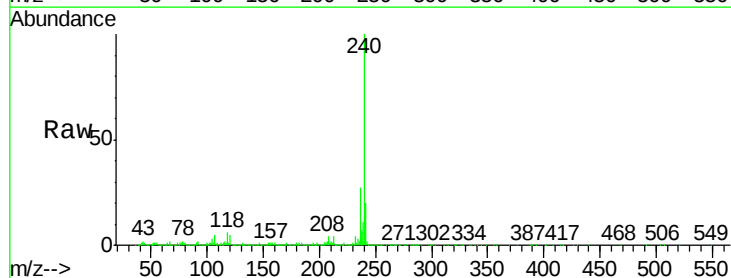
Instrument :
BNA_G
ClientSampleId :
DUP

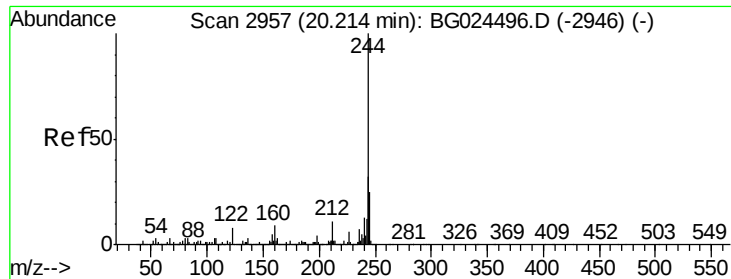
Tgt Ion:188 Resp: 755630
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 8.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024570.D
Acq: 31 Oct 2016 23:56

Tgt Ion:240 Resp: 1033357
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 27.3 22.2 33.4





#78

Terphenyl-d14

Concen: 88.66 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

Instrument :

BNA_G

ClientSampled :

DUP

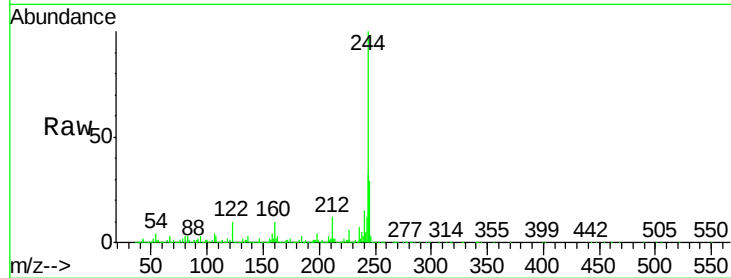
Tgt Ion:244 Resp: 3066085

Ion Ratio Lower Upper

244 100

212 11.5 10.0 15.0

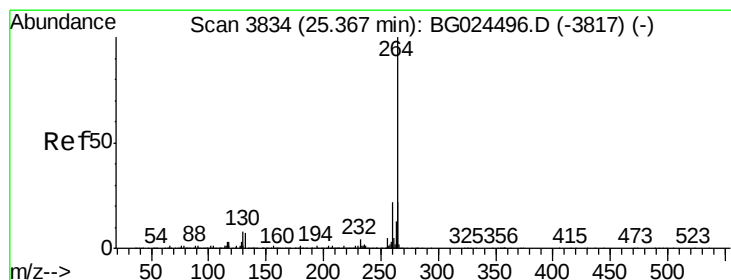
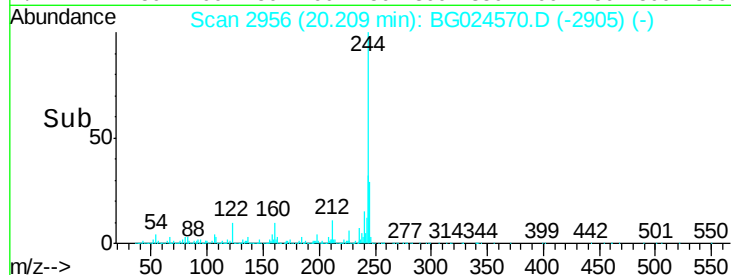
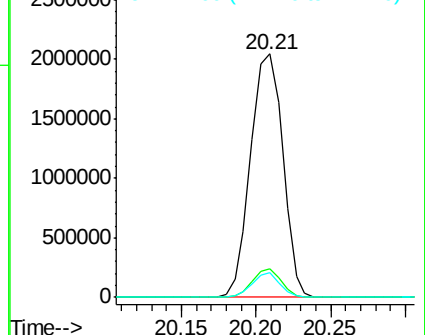
122 10.0 8.6 12.8



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. -0.01 min

Lab File: BG024570.D

Acq: 31 Oct 2016 23:56

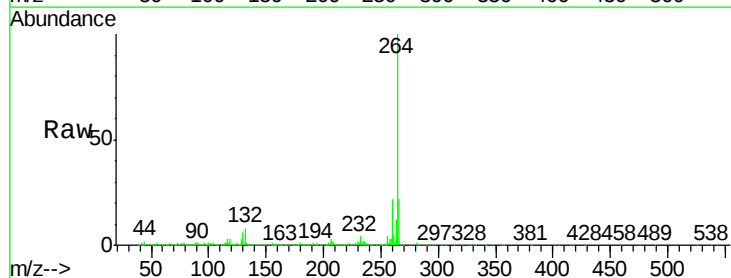
Tgt Ion:264 Resp: 1108367

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 21.5 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

