

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
 Data File : BG024170.D
 Acq On : 30 Sep 2016 21:55
 Operator : UM/SJ
 Sample : PB93730BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93730BL

Quant Time: Oct 01 00:19:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

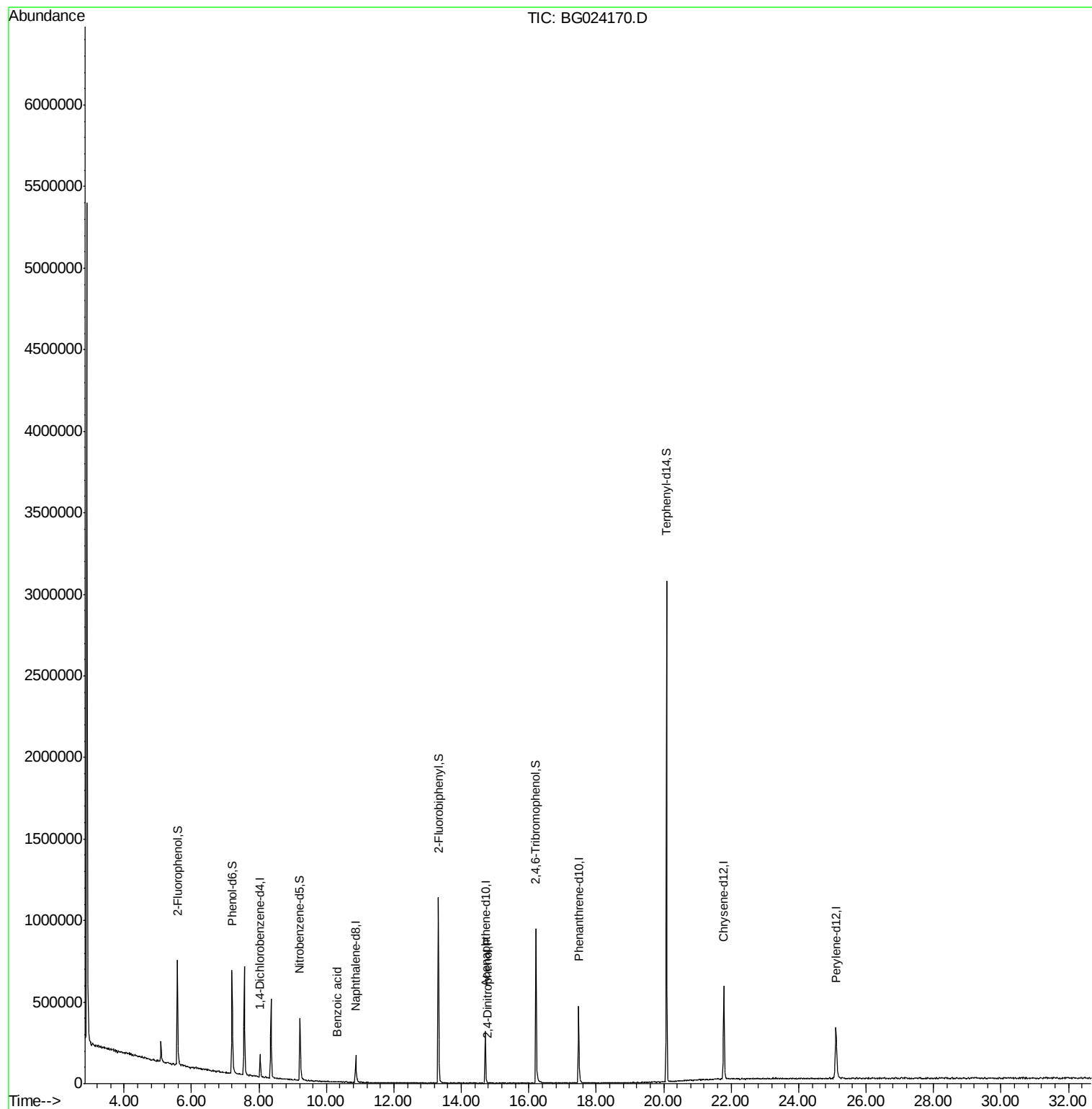
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36261	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	156833	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	121523	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	320441	20.00	ng	0.00
75) Chrysene-d12	21.78	240	397181	20.00	ng	-0.01
86) Perylene-d12	25.10	264	373973	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	271305	129.62	ng	0.00
7) Phenol-d6	7.20	99	386923	109.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	283325	71.20	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	176356	100.96	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	573494	79.33	ng	-0.01
78) Terphenyl-d14	20.08	244	1273429	65.65	ng	-0.02
Target Compounds						
32) Benzoic acid	10.32	122	59	2.18	ng	# 1
53) 2,4-Dinitrophenol	14.78	184	85	2.53	ng	# 10

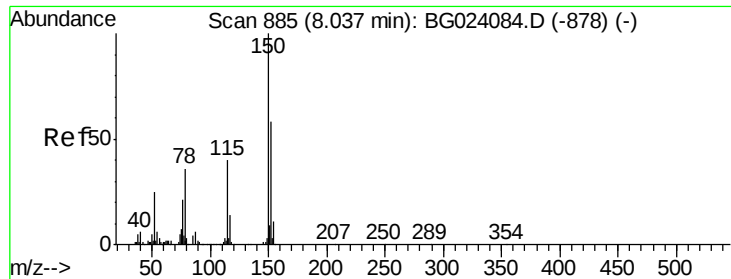
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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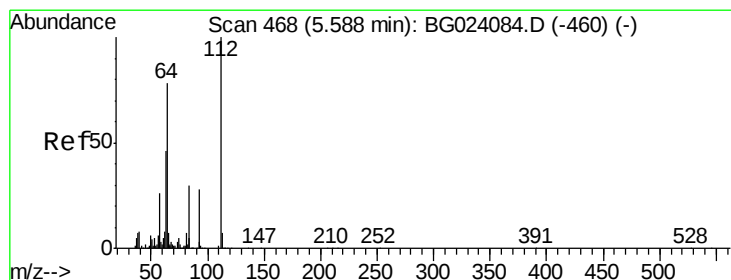
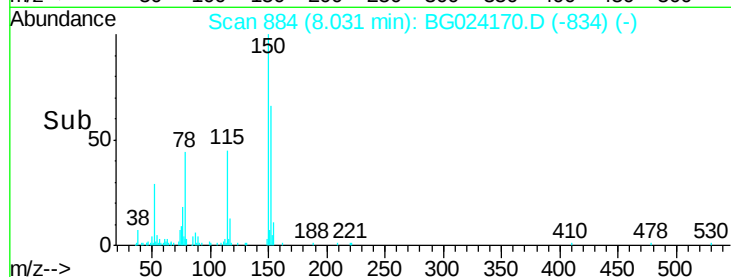
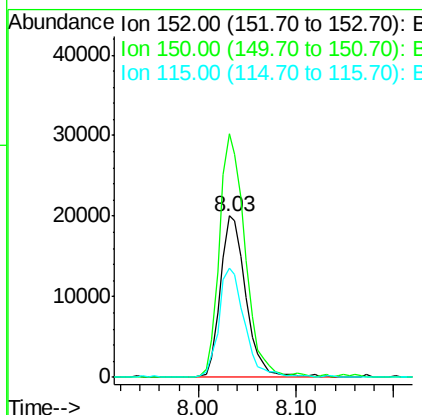
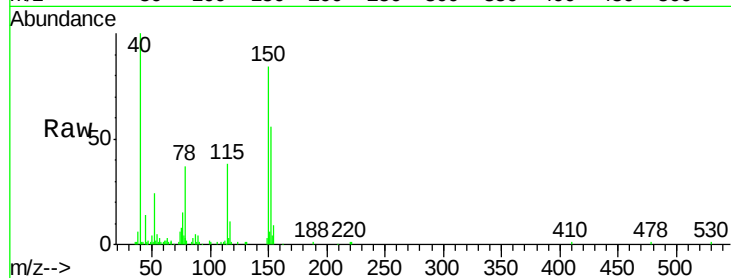


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG024170.D
Acq: 30 Sep 2016 21:55

Instrument :
BNA_G
ClientSampleId :
PB93730BL

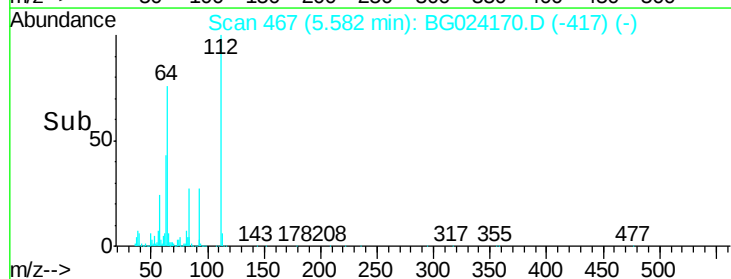
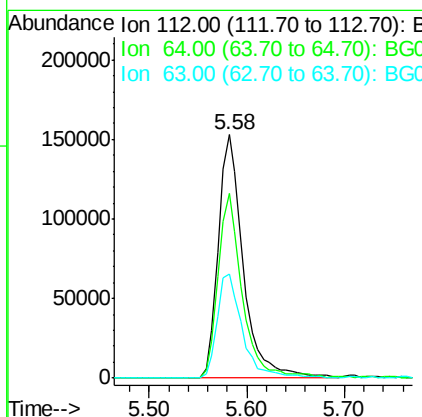
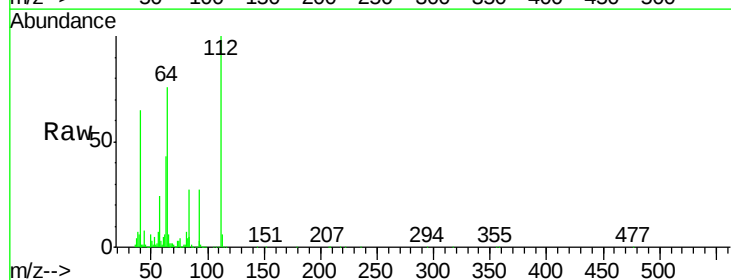
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	144.7	217.1
115	67.3	64.0	96.0

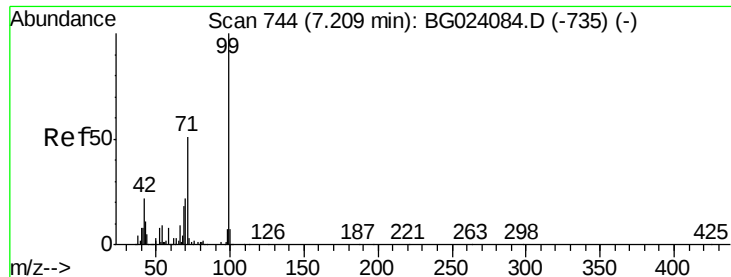


#5

2-Fluorophenol
Concen: 129.62 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024170.D
Acq: 30 Sep 2016 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	43.0	37.8	56.8





#7

Phenol-d6

Concen: 109.87 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

Instrument :

BNA_G

ClientSampleId :

PB93730BL

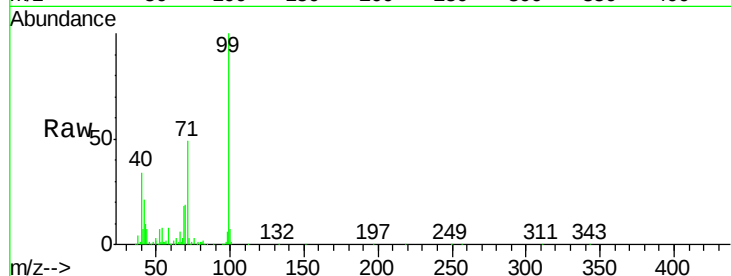
Tgt Ion: 99 Resp: 386923

Ion Ratio Lower Upper

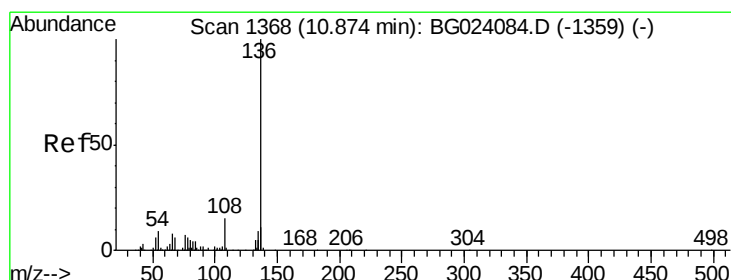
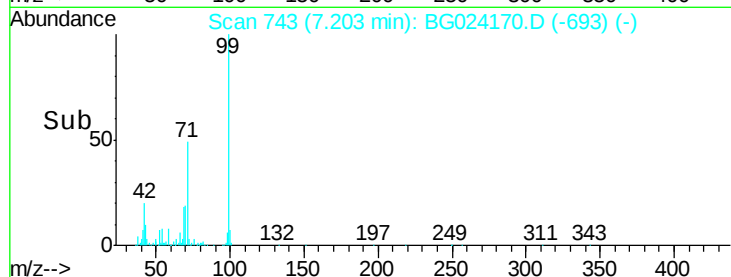
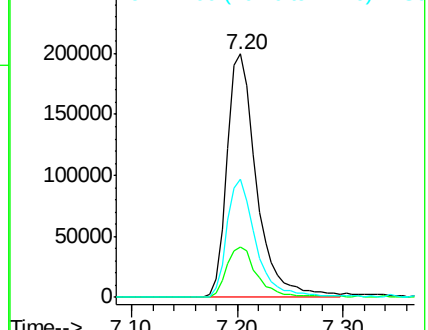
99 100

42 20.5 17.8 26.6

71 48.8 41.5 62.3



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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

Tgt Ion: 136 Resp: 156833

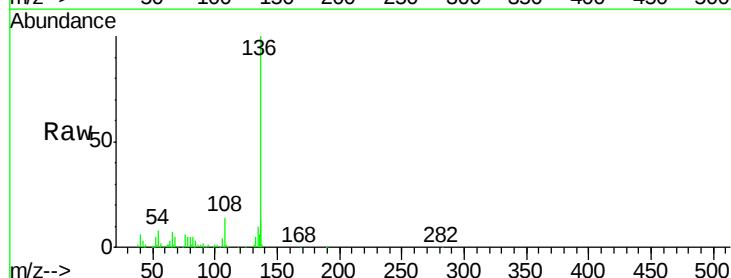
Ion Ratio Lower Upper

136 100

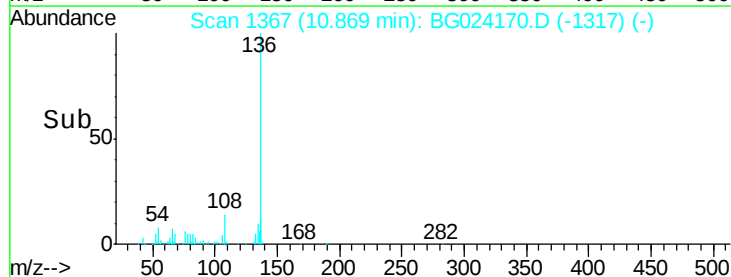
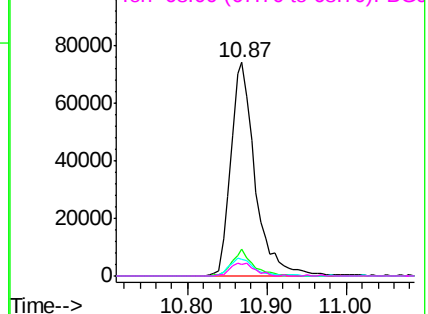
137 12.8 9.6 14.4

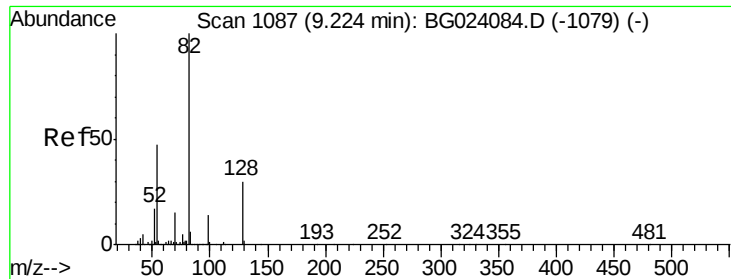
54 8.0 7.3 10.9

68 5.4 5.3 7.9



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

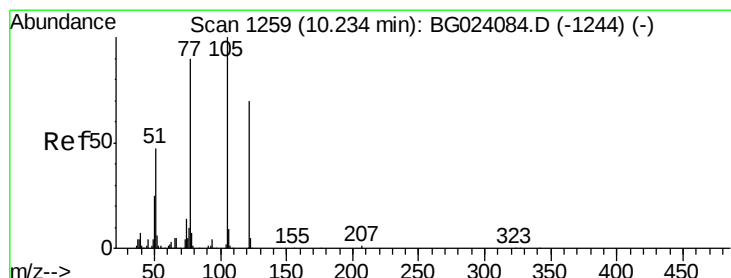
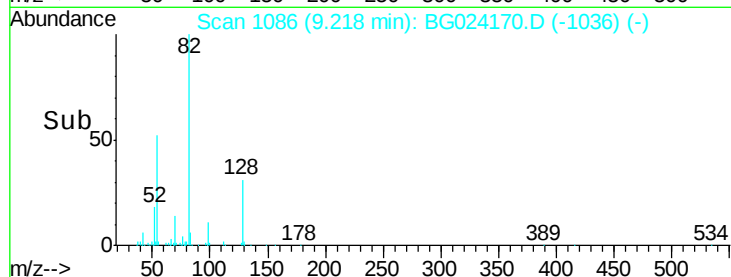
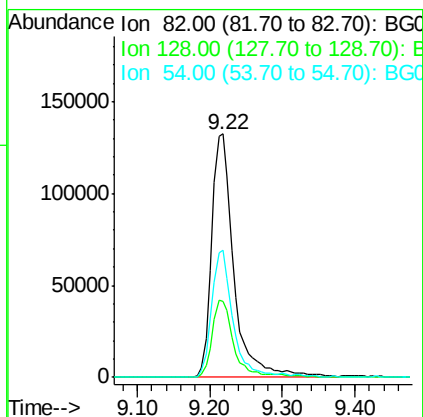
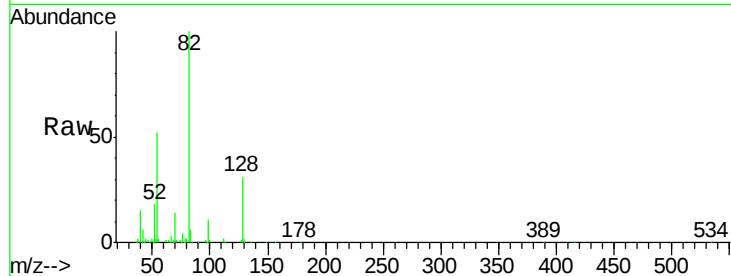




#23
 Nitrobenzene-d5
 Concen: 71.20 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024170.D
 Acq: 30 Sep 2016 21:55

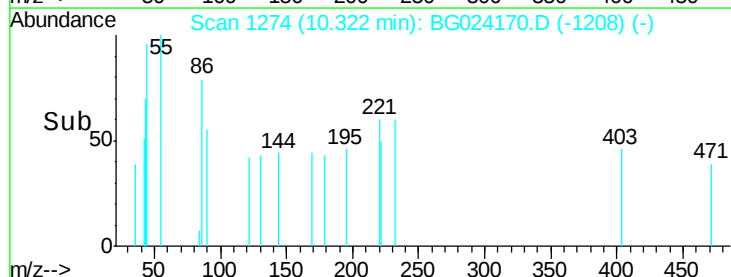
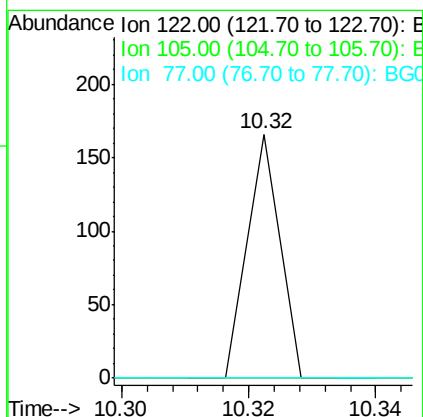
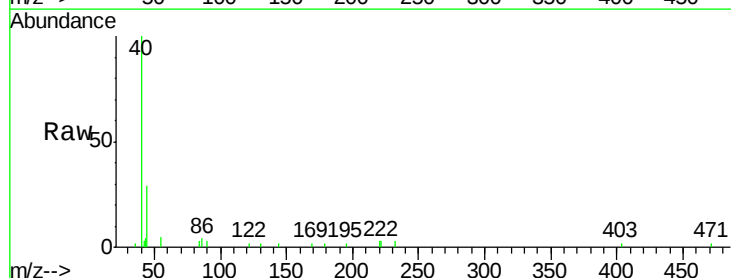
Instrument :
 BNA_G
 ClientSampleId :
 PB93730BL

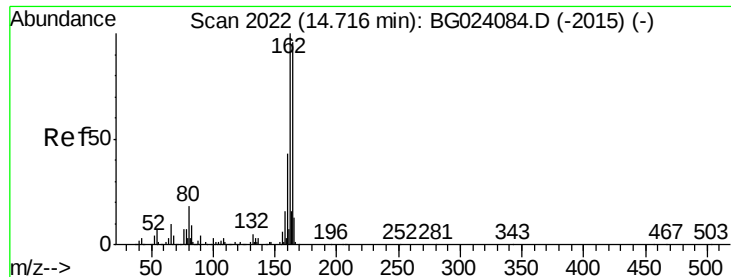
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	52.2	41.4	62.0



#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. 0.09 min
 Lab File: BG024170.D
 Acq: 30 Sep 2016 21:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

Instrument :

BNA_G

ClientSampleId :

PB93730BL

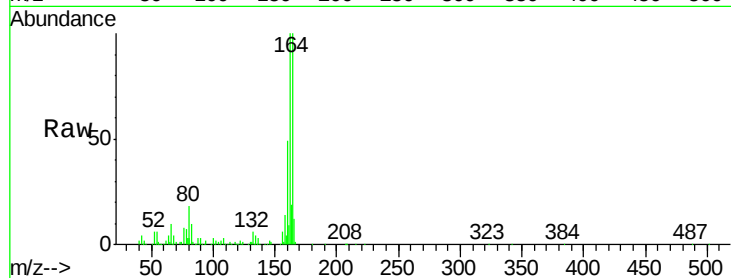
Tgt Ion:164 Resp: 121523

Ion Ratio Lower Upper

164 100

162 100.5 87.7 131.5

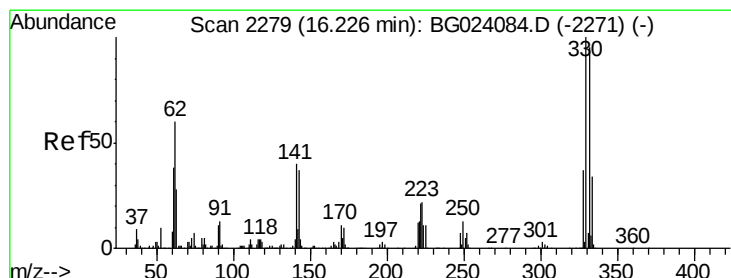
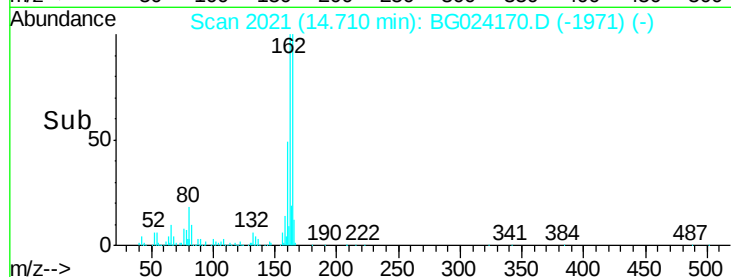
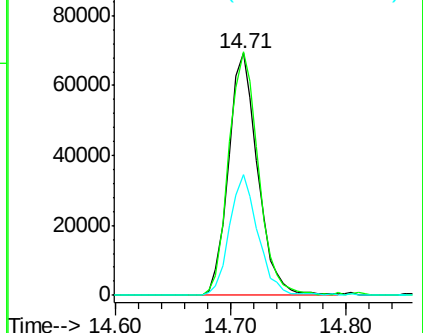
160 49.6 37.2 55.8



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: 100.96 ng

RT: 16.21 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

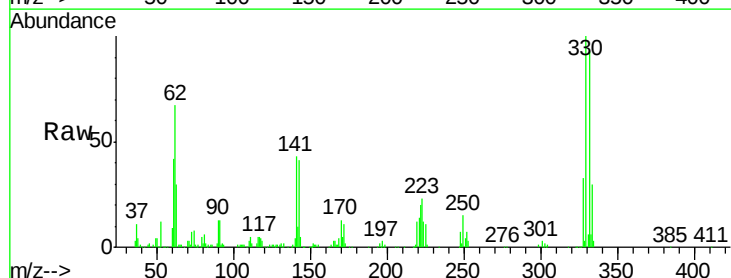
Tgt Ion:330 Resp: 176356

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

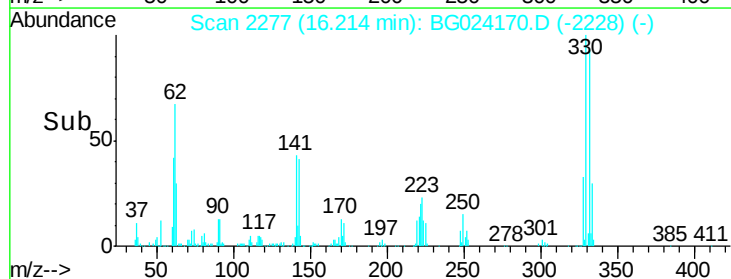
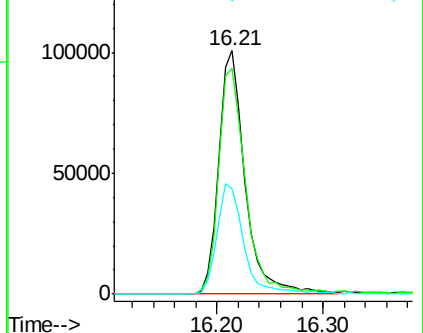
141 46.3 31.7 47.5

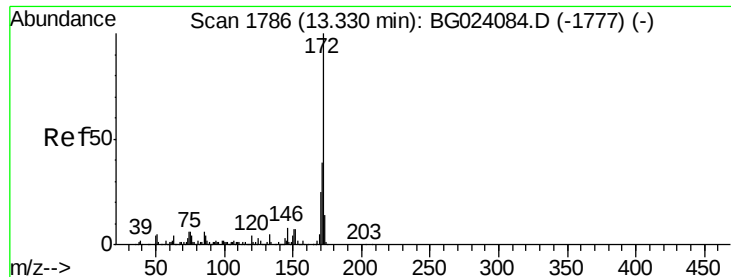


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.33 ng

RT: 13.32 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

Instrument :

BNA_G

ClientSampleId :

PB93730BL

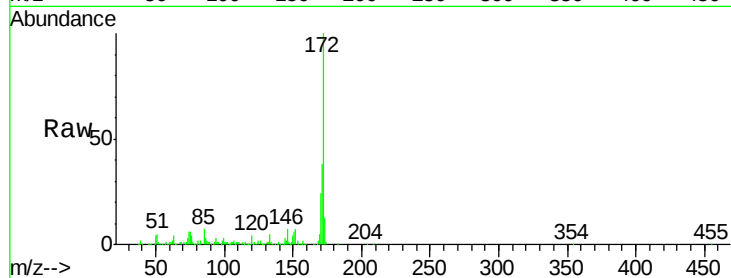
Tgt Ion:172 Resp: 573494

Ion Ratio Lower Upper

172 100

171 37.7 31.6 47.4

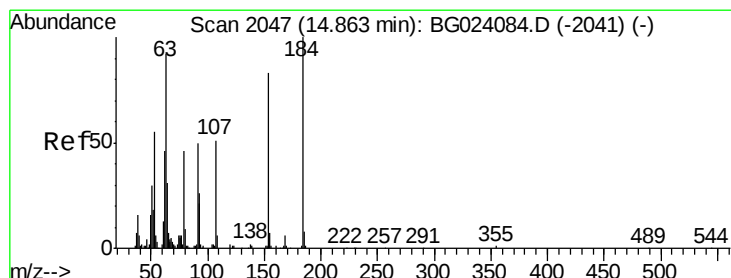
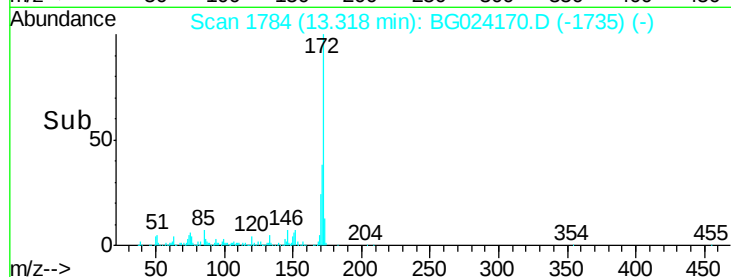
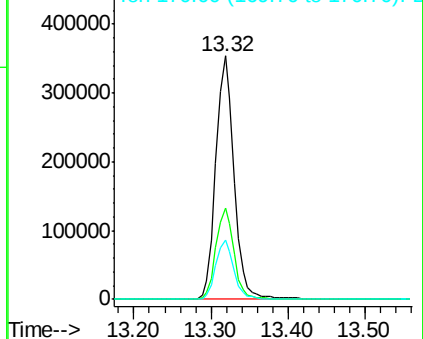
170 24.4 21.3 31.9



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



#53

2,4-Dinitrophenol

Concen: 2.53 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.09 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

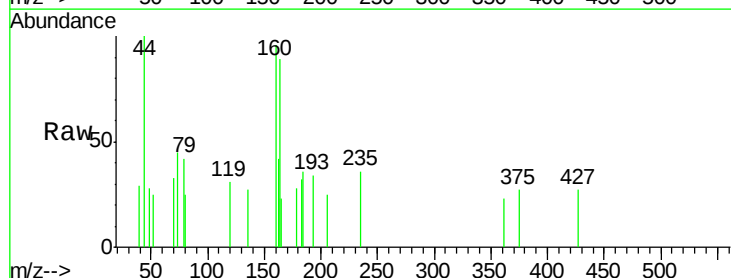
Tgt Ion:184 Resp: 85

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

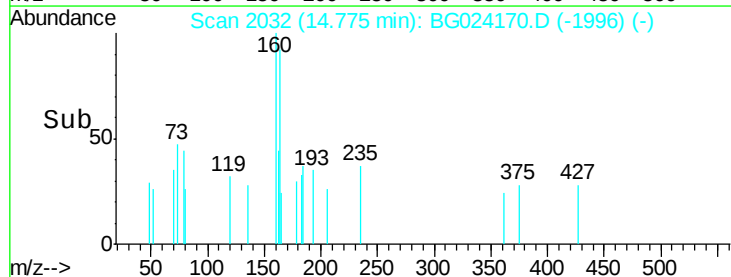
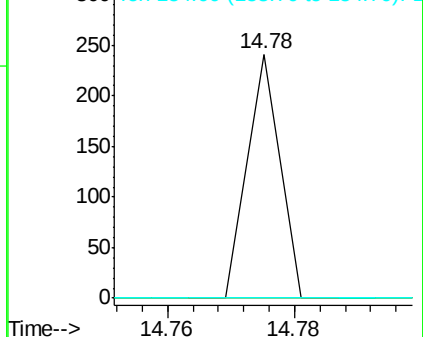
154 0.0 67.4 101.0#

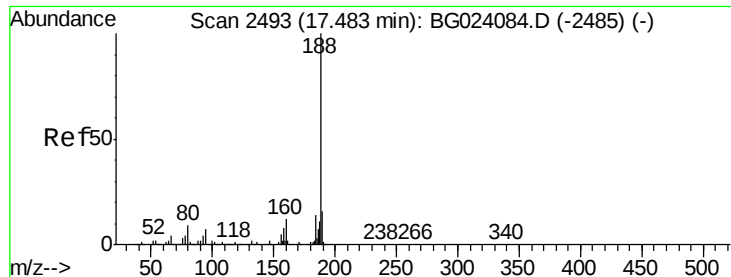


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

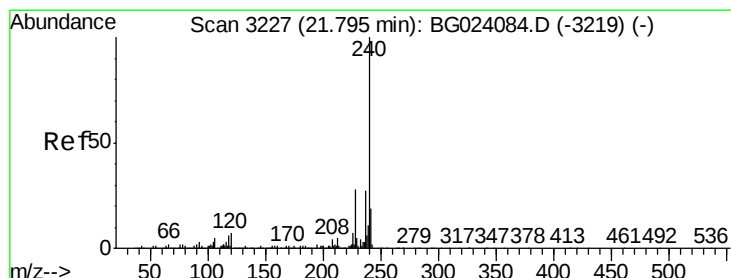
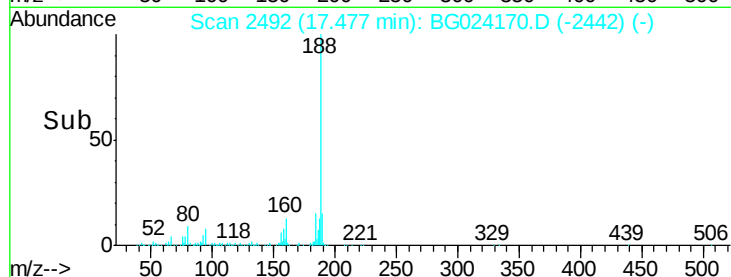
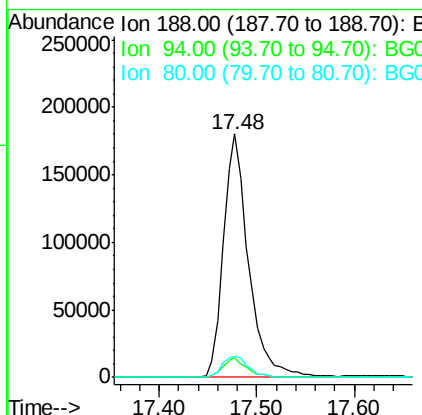
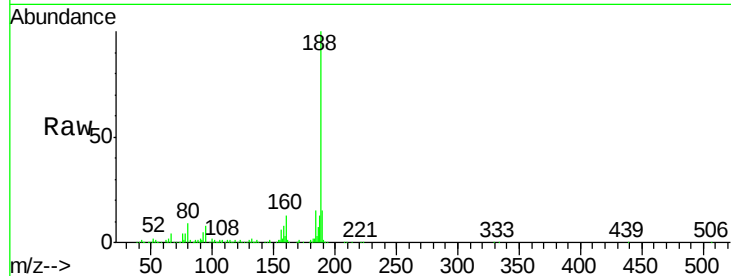




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024170.D
Acq: 30 Sep 2016 21:55

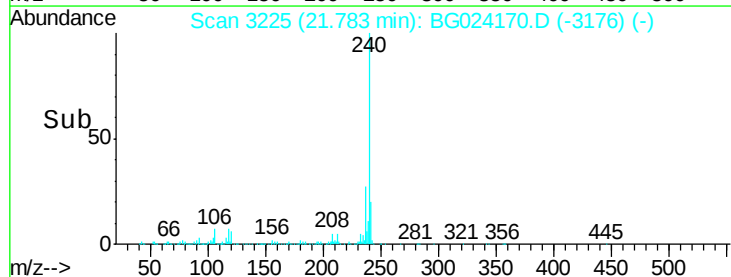
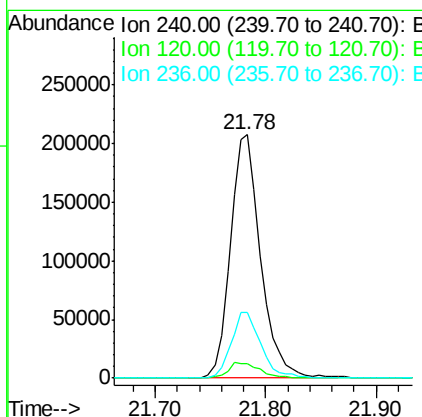
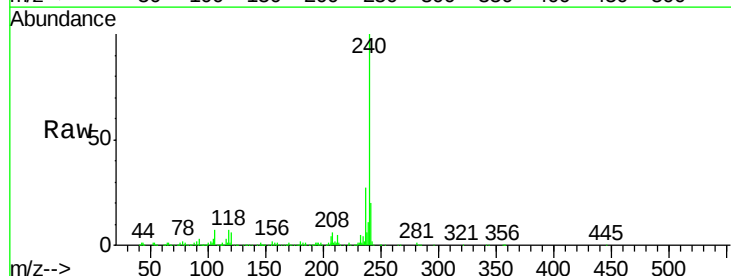
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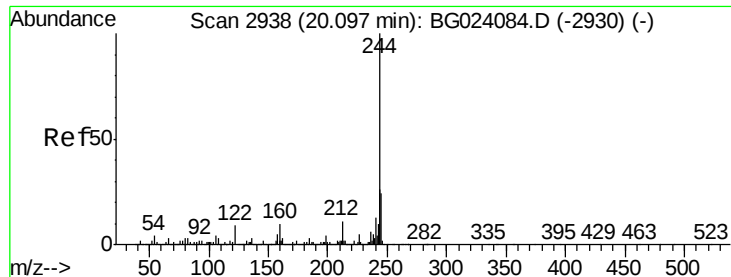
Tgt Ion:188 Resp: 320441
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8
80 8.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG024170.D
Acq: 30 Sep 2016 21:55

Tgt Ion:240 Resp: 397181
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 26.8 21.1 31.7





#78

Terphenyl-d14

Concen: 65.65 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

Instrument :

BNA_G

ClientSampleId :

PB93730BL

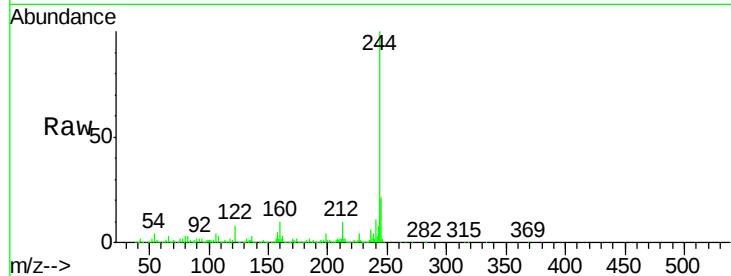
Tgt Ion:244 Resp: 1273429

Ion Ratio Lower Upper

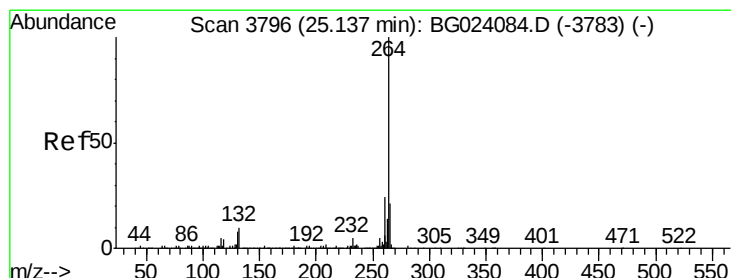
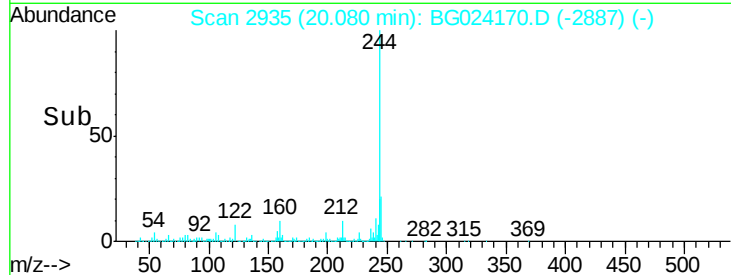
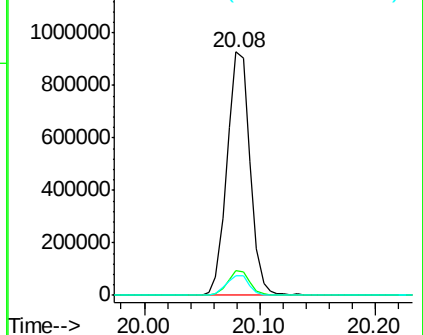
244 100

212 10.3 10.8 16.2#

122 8.2 8.0 12.0



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: 25.10 min Scan# 3790

Delta R.T. -0.04 min

Lab File: BG024170.D

Acq: 30 Sep 2016 21:55

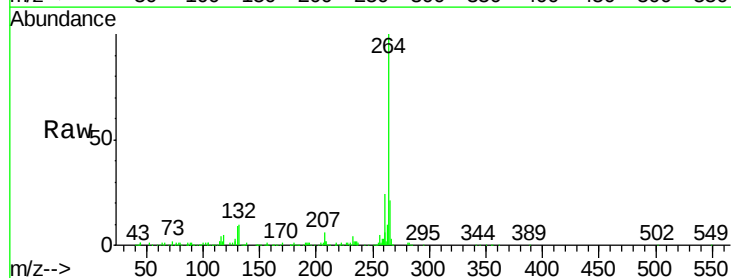
Tgt Ion:264 Resp: 373973

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.3 18.9 28.3



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

