

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022250.D
 Acq On : 9 Jun 2016 2:05
 Operator : UM/SJ
 Sample : H3381-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-24

Quant Time: Jun 09 06:37:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

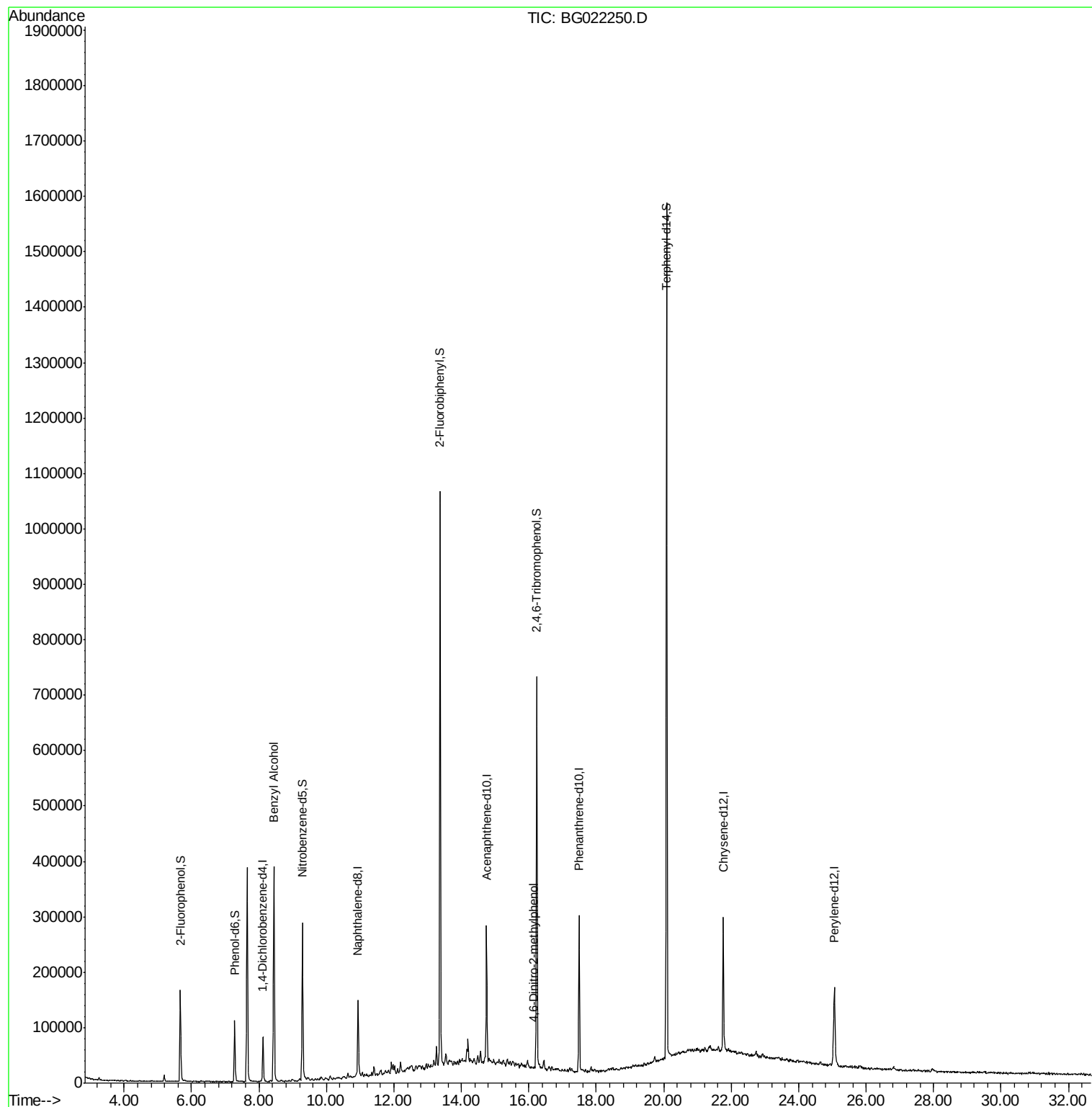
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31173	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	151913	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	91188	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	190211	20.00	ng	0.00
75) Chrysene-d12	21.76	240	169214	20.00	ng	0.00
86) Perylene-d12	25.06	264	159670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	112642	69.86	ng	0.00
7) Phenol-d6	7.28	99	101786	40.15	ng	0.00
23) Nitrobenzene-d5	9.29	82	232215	106.57	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	155632	151.04	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	627957	104.95	ng	0.00
78) Terphenyl-d14	20.08	244	753530	105.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.44	79	3587	2.19	ng	# 47
64) 4,6-Dinitro-2-methylphenol	16.14	198	58	5.53	ng	# 1

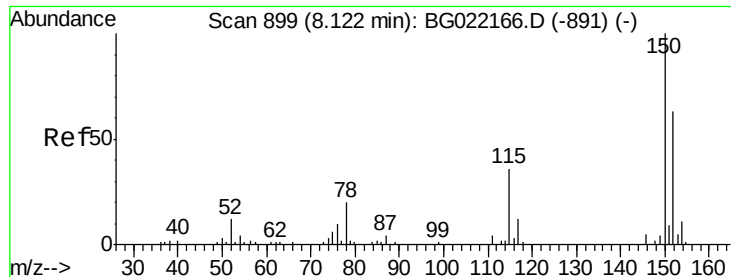
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

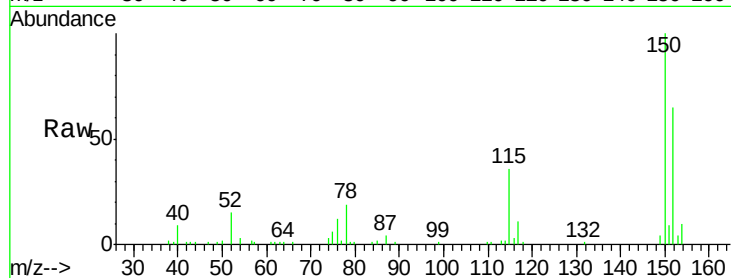
Tgt Ion:152 Resp: 31173

Ion Ratio Lower Upper

152 100

150 153.0 130.1 195.1

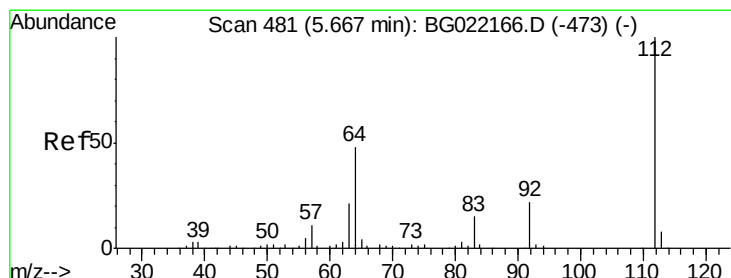
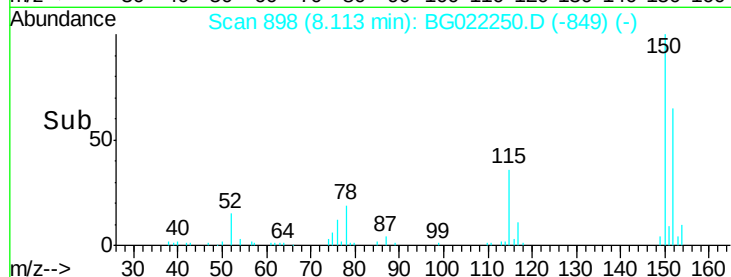
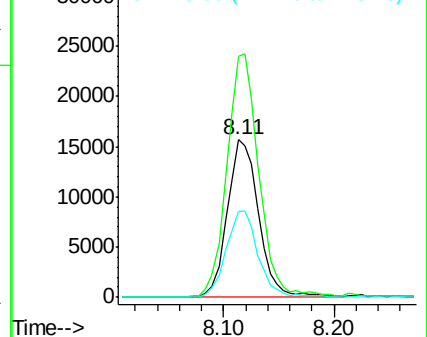
115 55.1 62.2 93.2#



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: 69.86 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

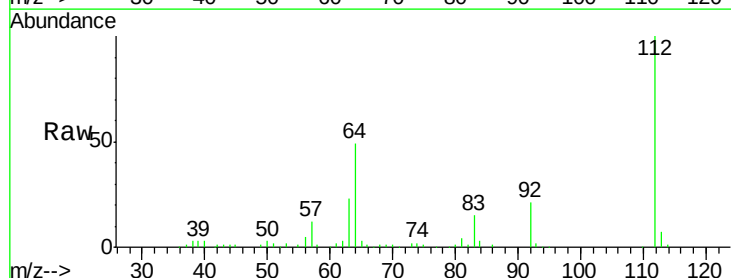
Tgt Ion:112 Resp: 112642

Ion Ratio Lower Upper

112 100

64 49.2 51.1 76.7#

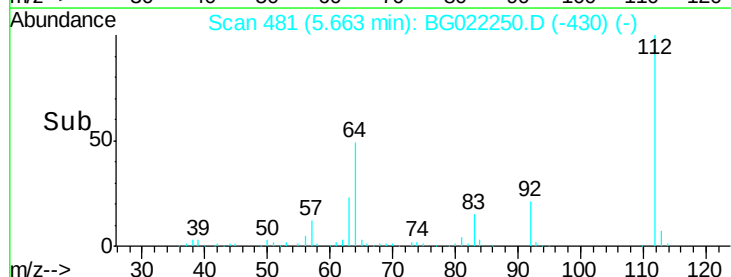
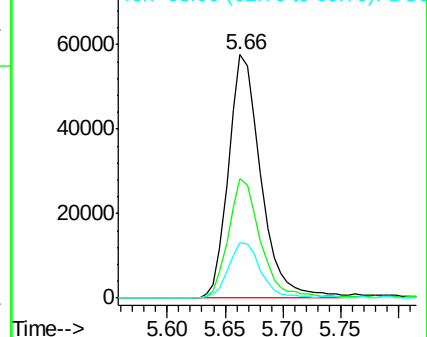
63 22.8 24.6 37.0#

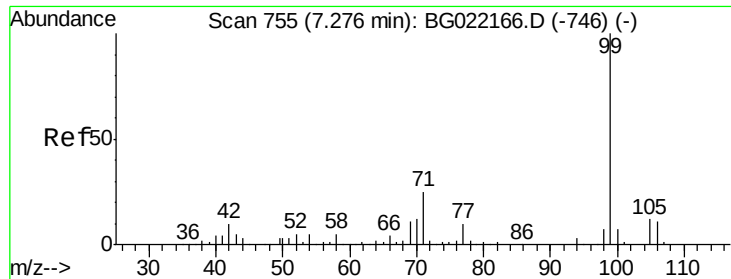


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.15 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

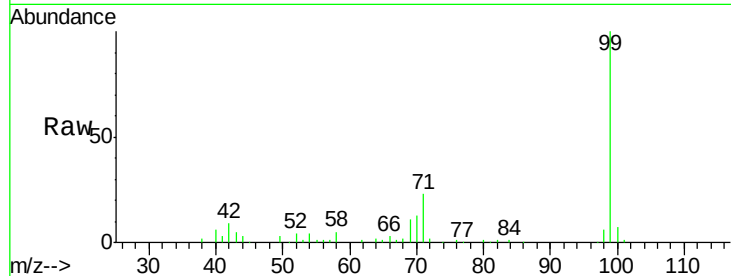
Tgt Ion: 99 Resp: 101786

Ion Ratio Lower Upper

99 100

42 9.3 16.4 24.6#

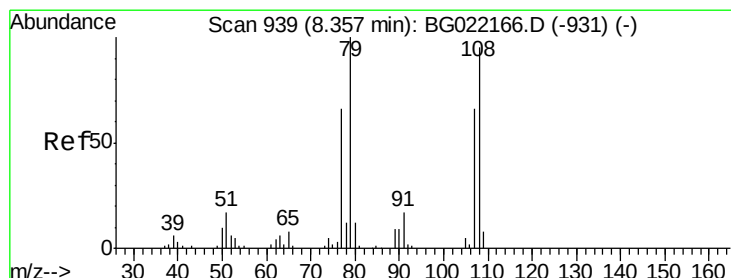
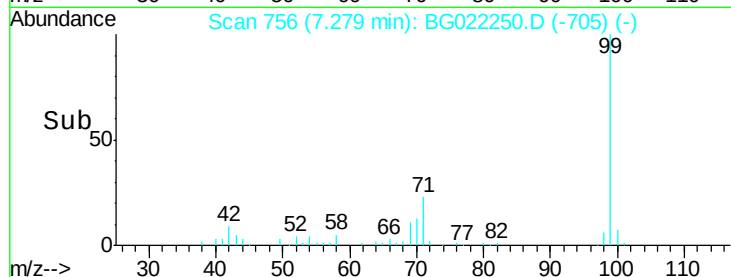
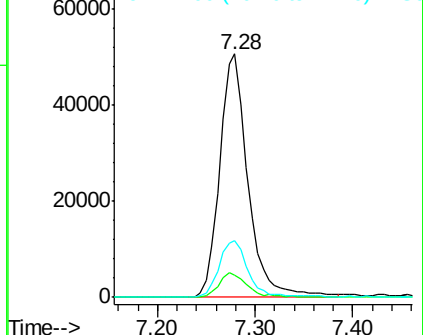
71 23.2 25.0 37.4#



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: 2.19 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.08 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

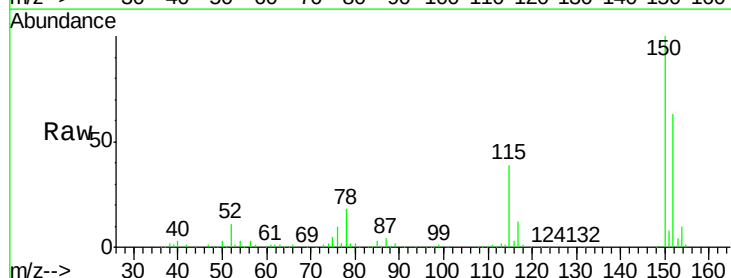
Tgt Ion: 79 Resp: 3587

Ion Ratio Lower Upper

79 100

108 29.8 59.4 89.0#

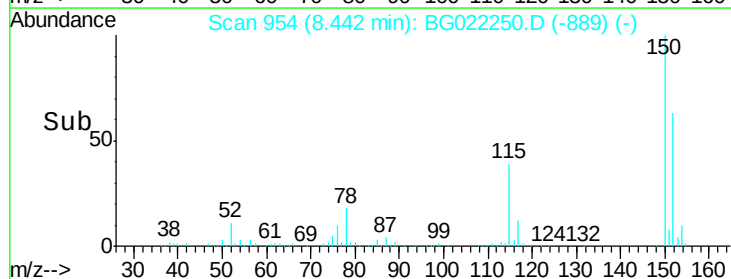
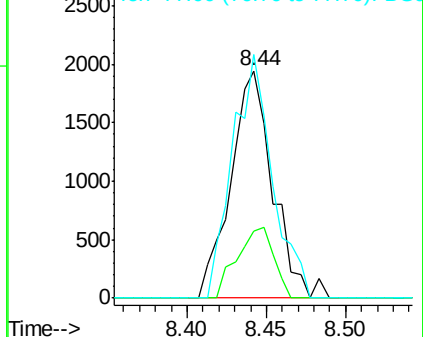
77 107.3 52.2 78.2#

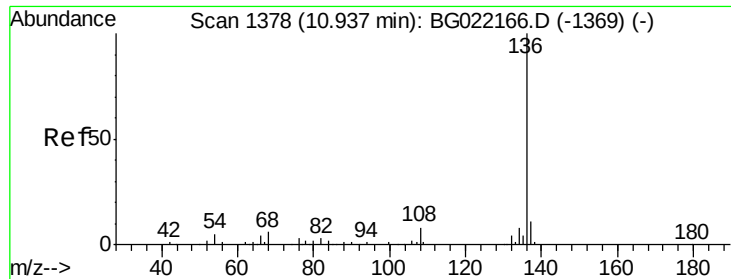


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

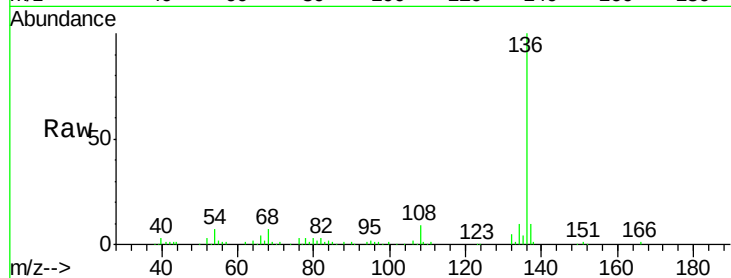




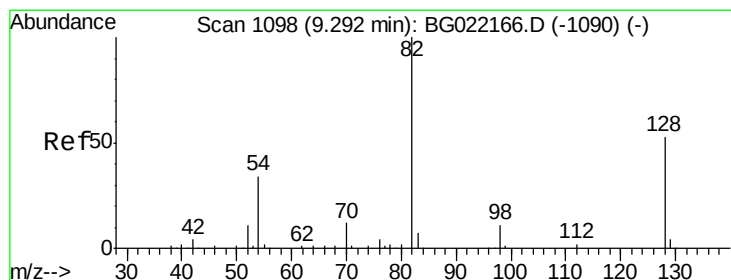
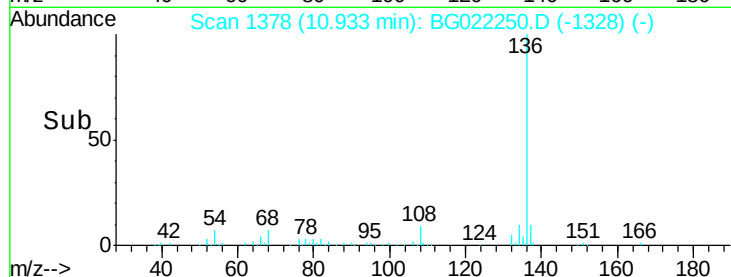
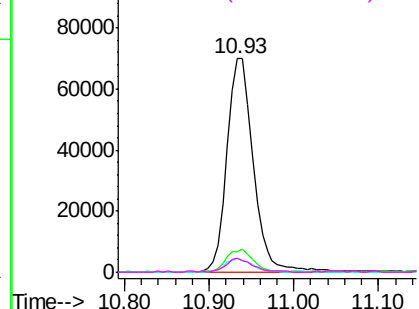
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022250.D
Acq: 9 Jun 2016 2:05

Instrument :
BNA_G
ClientSampled :
W-24

Tgt Ion:	136	Resp:	151913
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	6.6	9.6	14.4#
68	6.9	6.4	9.6

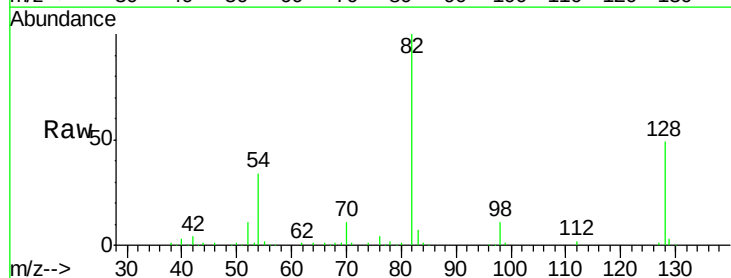


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

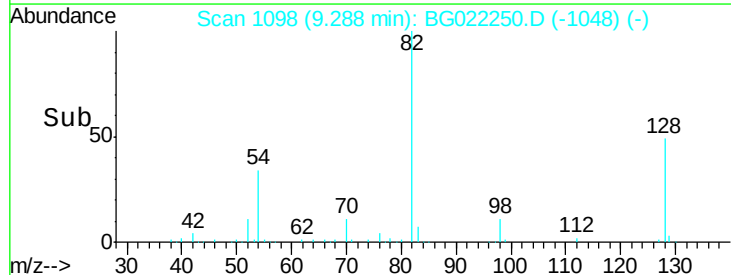
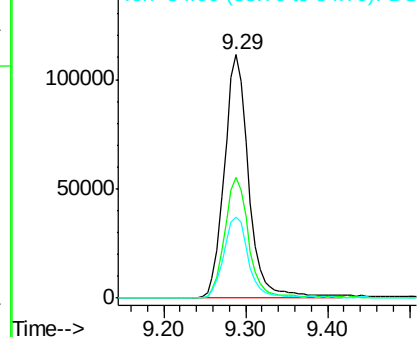


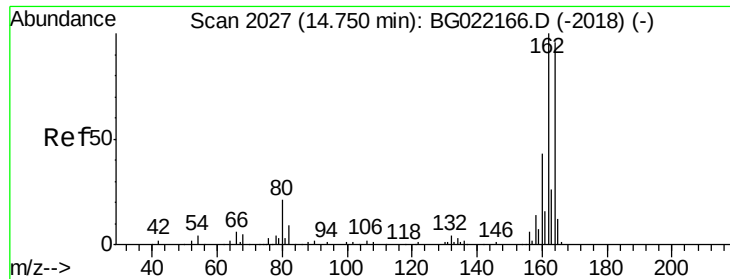
#23
Nitrobenzene-d5
Concen: 106.57 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022250.D
Acq: 9 Jun 2016 2:05

Tgt Ion:	82	Resp:	232215
Ion	Ratio	Lower	Upper
82	100		
128	49.4	33.4	50.0
54	33.5	46.1	69.1#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

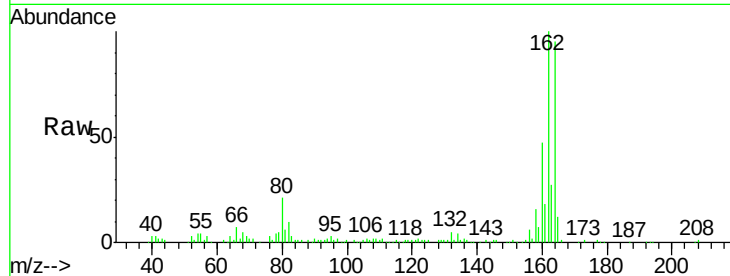
Tgt Ion:164 Resp: 91188

Ion Ratio Lower Upper

164 100

162 105.6 78.0 117.0

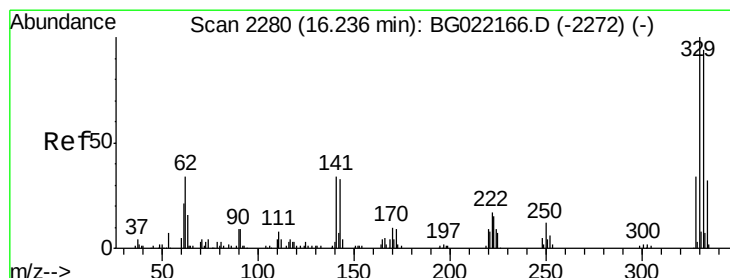
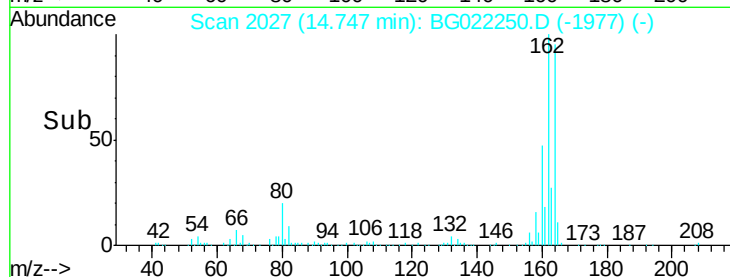
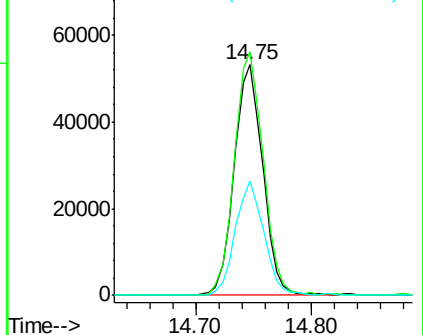
160 49.8 32.9 49.3#



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: 151.04 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

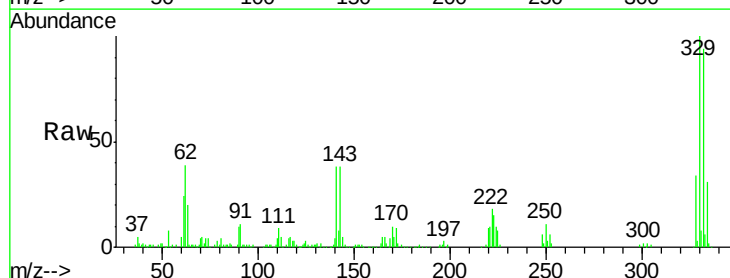
Tgt Ion:330 Resp: 155632

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

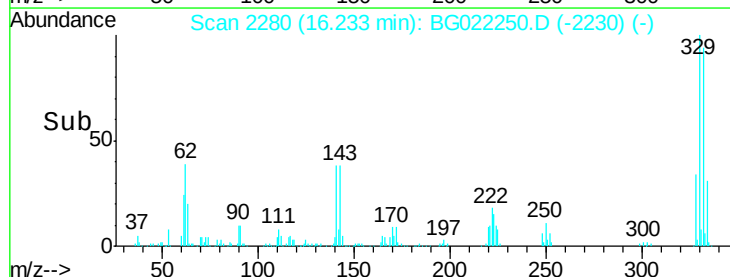
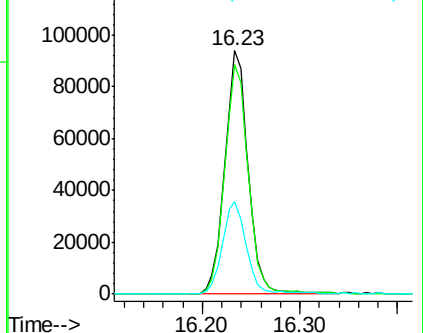
141 38.1 33.8 50.8

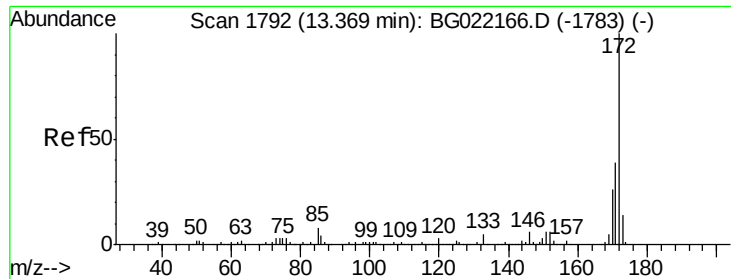


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

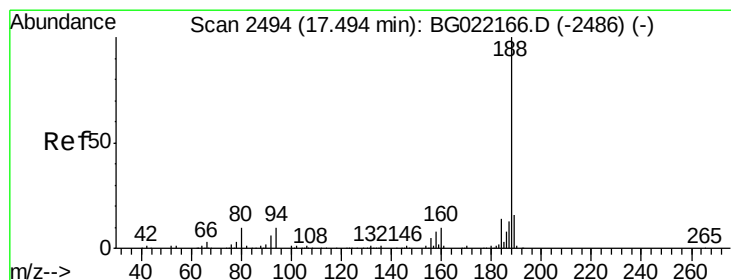
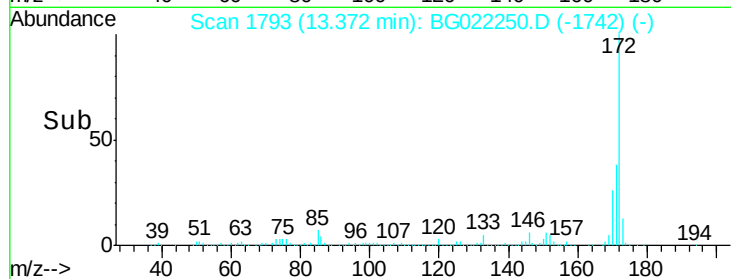
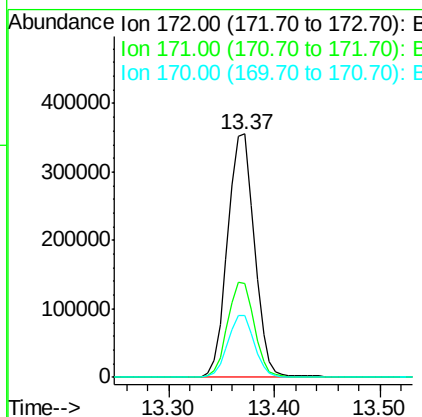
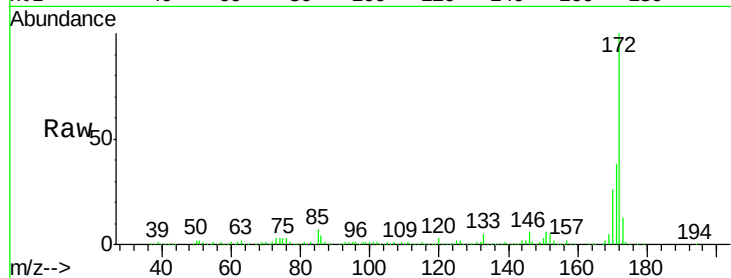




#44
 2-Fluorobiphenyl
 Concen: 104.95 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

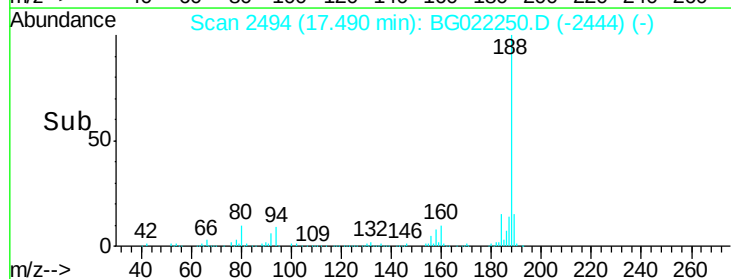
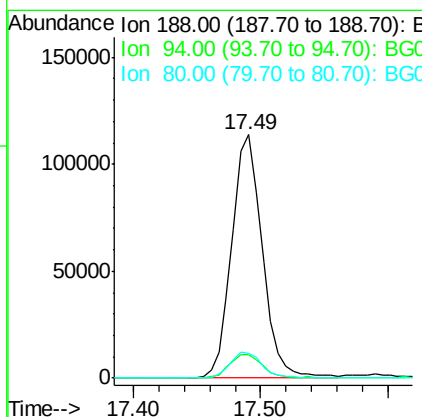
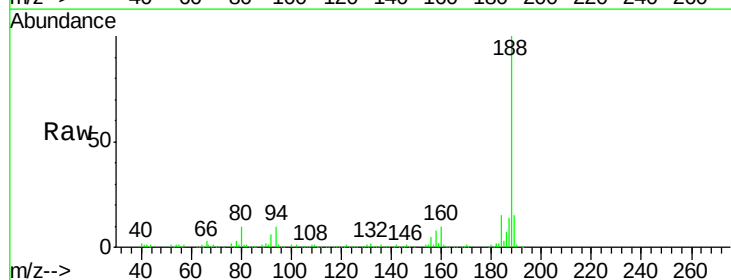
Instrument :
 BNA_G
 ClientSampleId :
 W-24

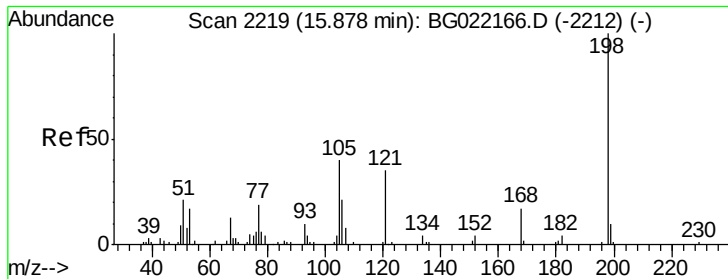
Tgt Ion:172 Resp: 627957
 Ion Ratio Lower Upper
 172 100
 171 38.4 27.8 41.6
 170 25.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

Tgt Ion:188 Resp: 190211
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.5 11.3
 80 10.0 8.6 13.0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.53 ng

RT: 16.14 min Scan# 2264

Delta R.T. 0.26 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

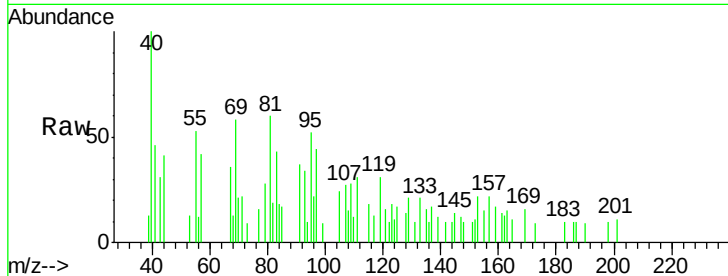
Tgt Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 0.0 29.2 69.2#

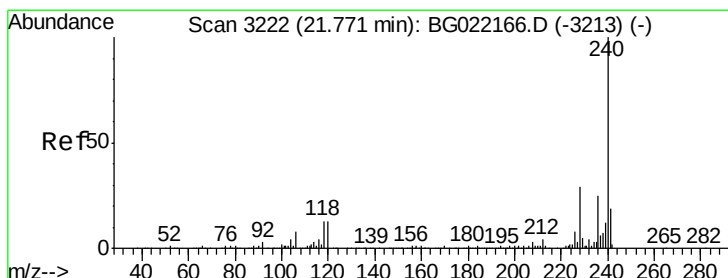
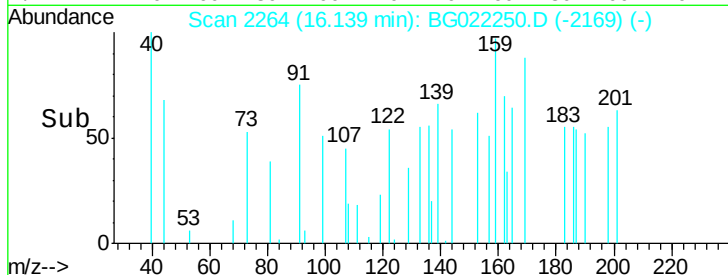
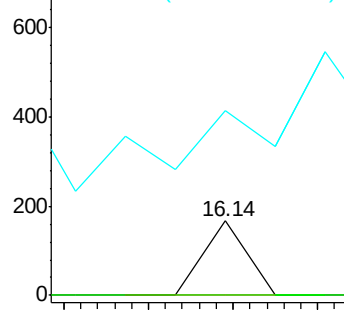
105 249.4 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022250.D (-3172) (-)

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

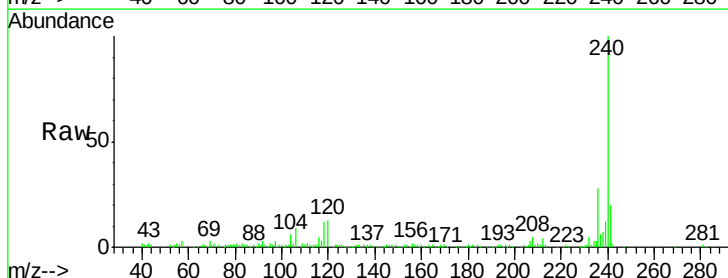
Tgt Ion:240 Resp: 169214

Ion Ratio Lower Upper

240 100

120 13.0 8.4 12.6#

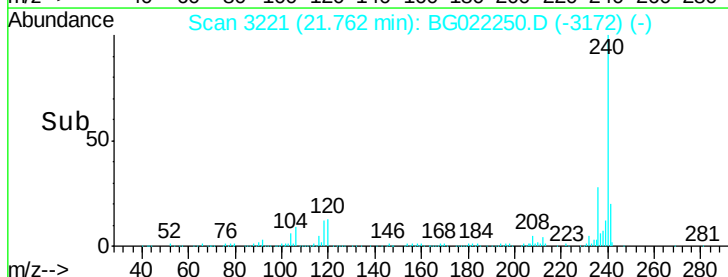
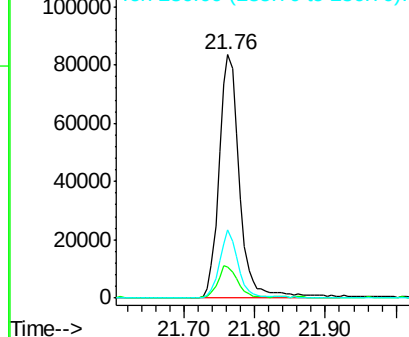
236 27.9 19.6 29.4

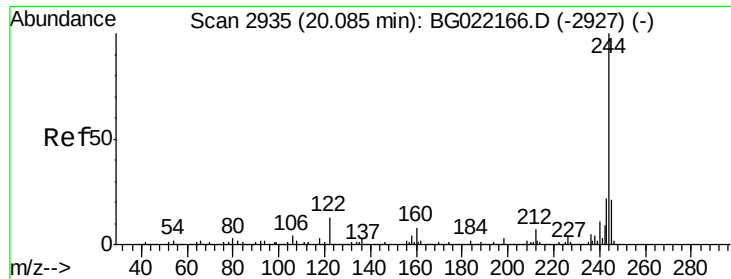


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.72 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

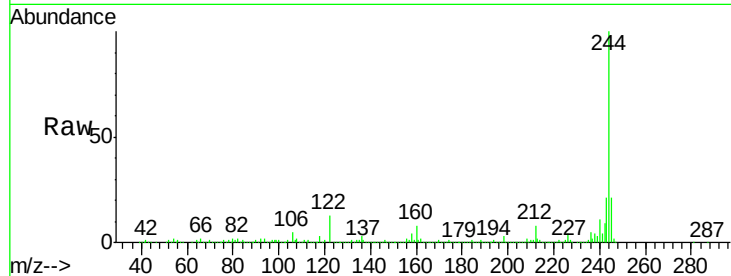
Tgt Ion:244 Resp: 753530

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

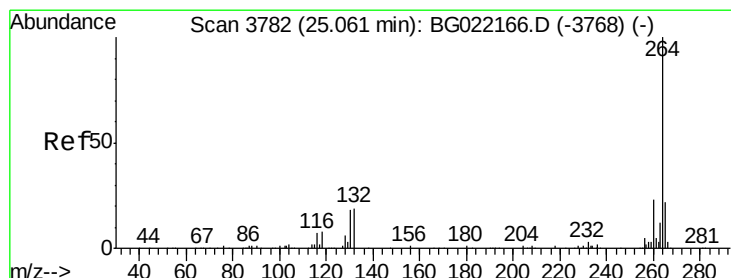
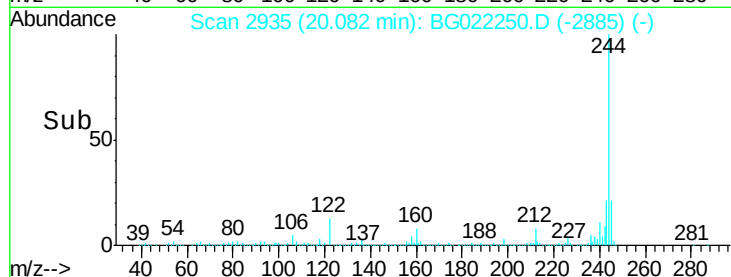
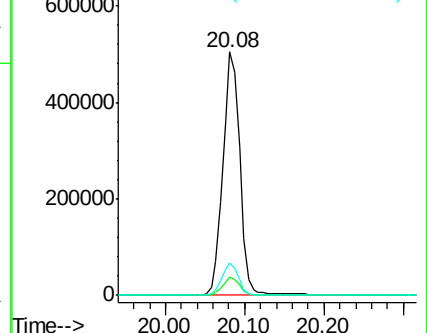
122 13.2 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

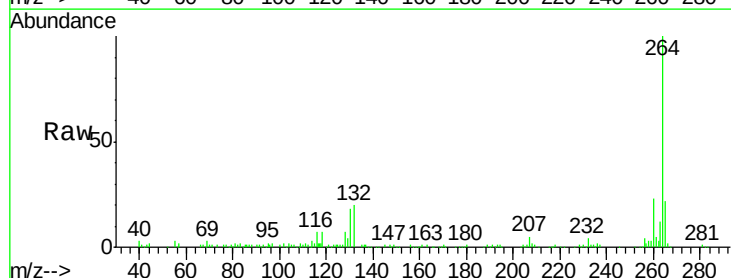
Tgt Ion:264 Resp: 159670

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 21.9 17.8 26.8



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

