

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020877.D
 Acq On : 12 Feb 2016 4:36
 Operator : SJ/UM
 Sample : H1420-03
 Misc : LOQ 20PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Feb 12 05:38:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

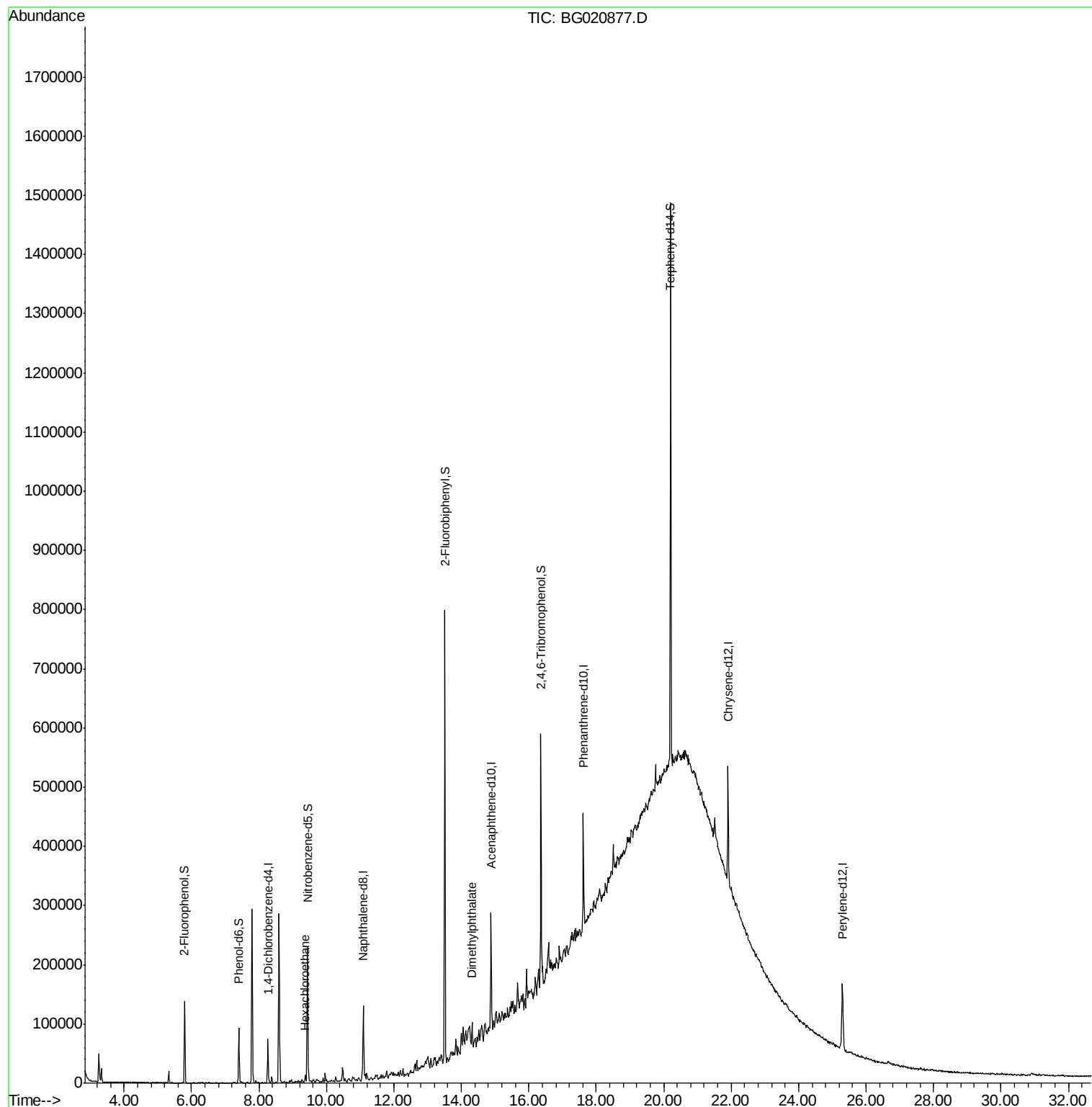
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	23157	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	115001	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	62992	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	113872	20.00	ng	0.00
75) Chrysene-d12	21.91	240	107334	20.00	ng	0.00
86) Perylene-d12	25.30	264	103978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	78945	57.41	ng	0.00
7) Phenol-d6	7.40	99	69689	34.67	ng	0.00
23) Nitrobenzene-d5	9.44	82	156781	89.64	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	77055	124.39	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	403855	90.06	ng	0.00
78) Terphenyl-d14	20.20	244	393062	85.43	ng	0.00
Target Compounds						
18) Hexachloroethane	9.38	117	1970	3.11	ng	# 1
49) Dimethylphthalate	14.32	163	24180	4.91	ng	# 99

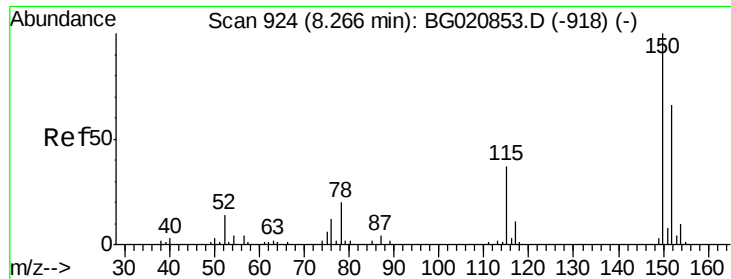
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020877.D

Acq: 12 Feb 2016 4:36

Instrument :

BNA_G

ClientSampleId :

DFTPP

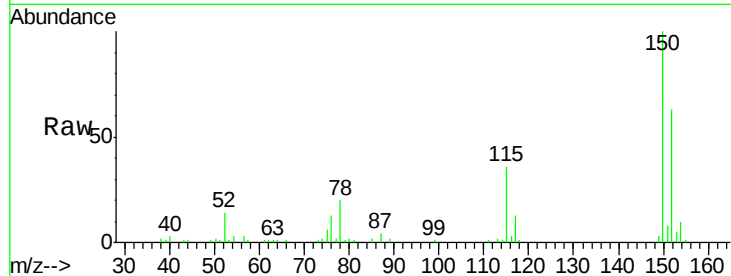
Tgt Ion:152 Resp: 23157

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

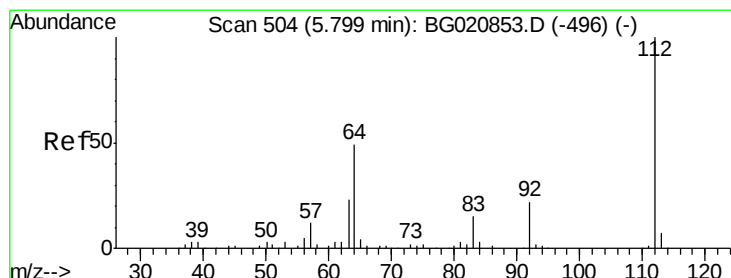
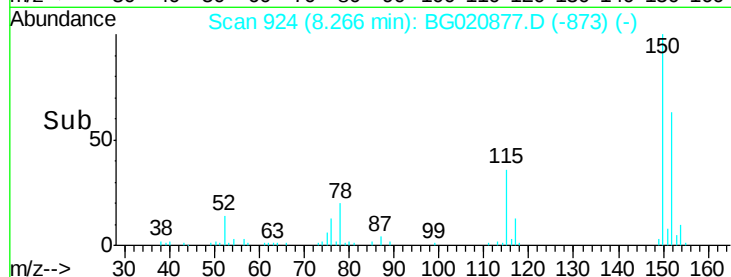
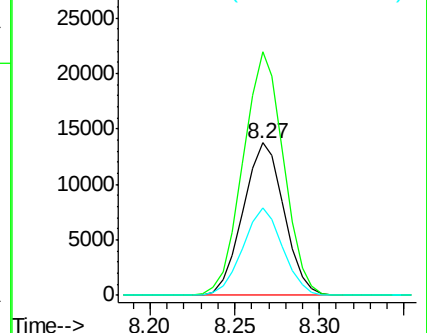
115 57.5 45.2 67.8



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: 57.41 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

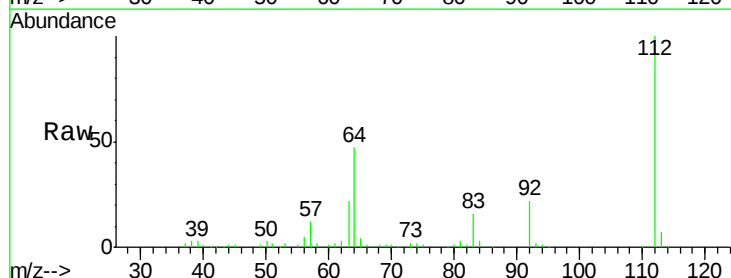
Tgt Ion:112 Resp: 78945

Ion Ratio Lower Upper

112 100

64 46.6 39.3 58.9

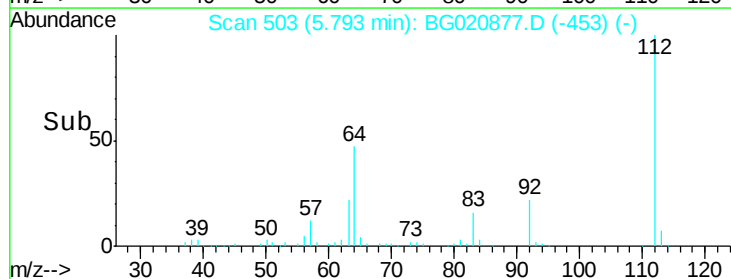
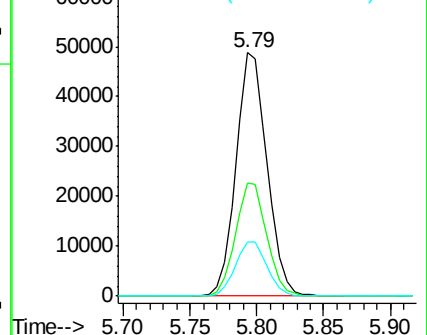
63 22.2 18.2 27.4

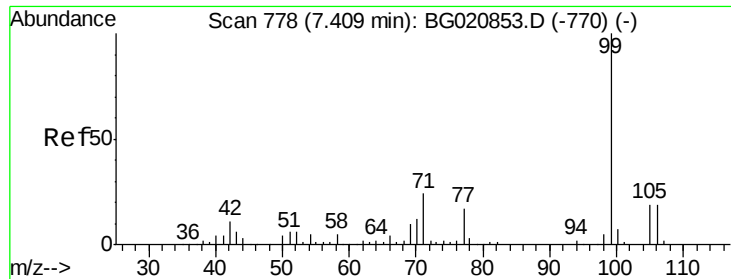


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.67 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

Instrument :

BNA_G

ClientSampled :

DFTPP

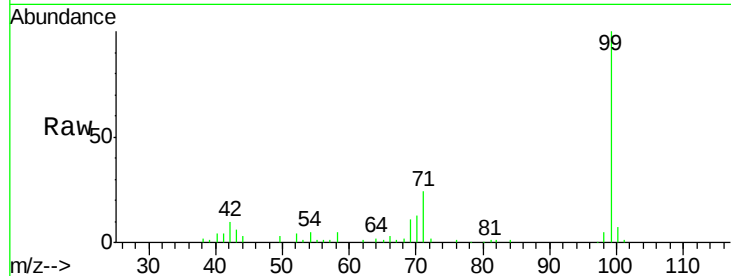
Tgt Ion: 99 Resp: 69689

Ion Ratio Lower Upper

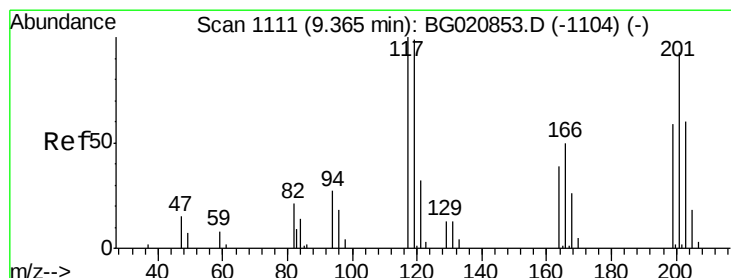
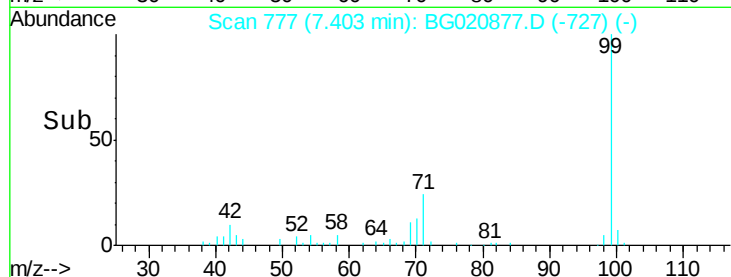
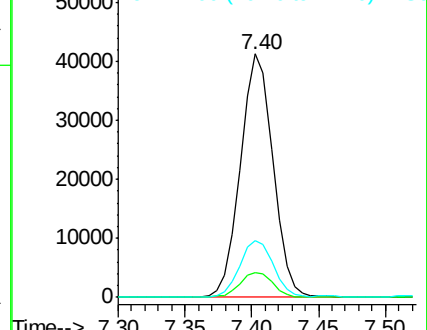
99 100

42 9.9 8.4 12.6

71 23.6 19.4 29.0



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



#18

Hexachloroethane

Concen: 3.11 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

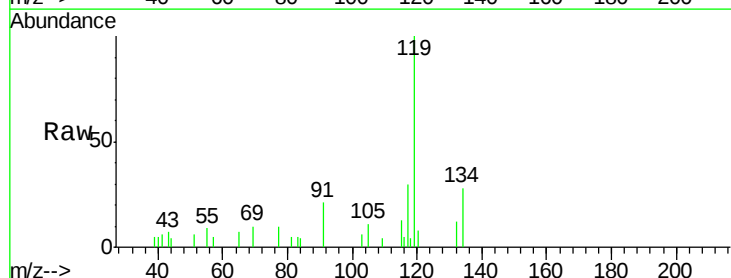
Tgt Ion: 117 Resp: 1970

Ion Ratio Lower Upper

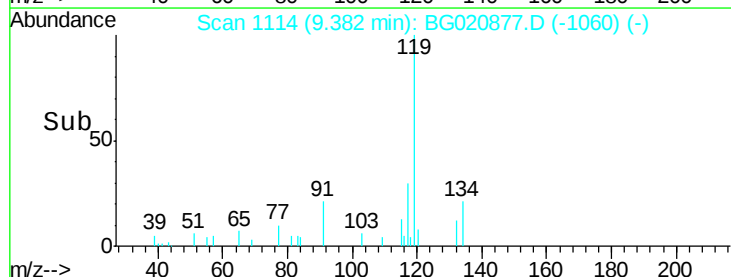
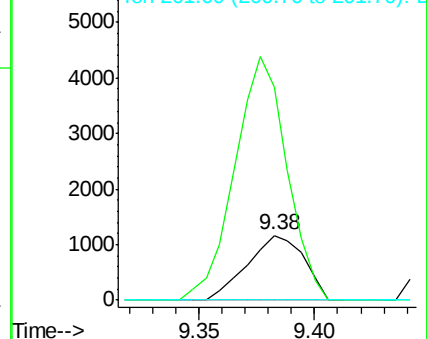
117 100

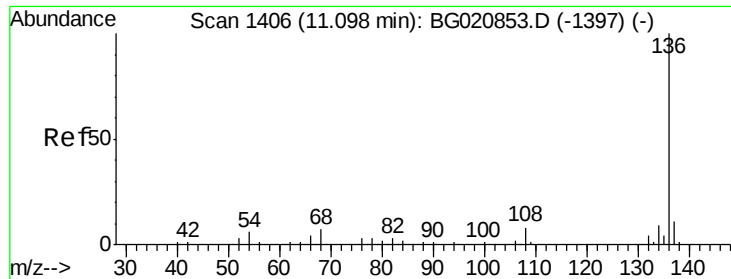
119 329.9 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

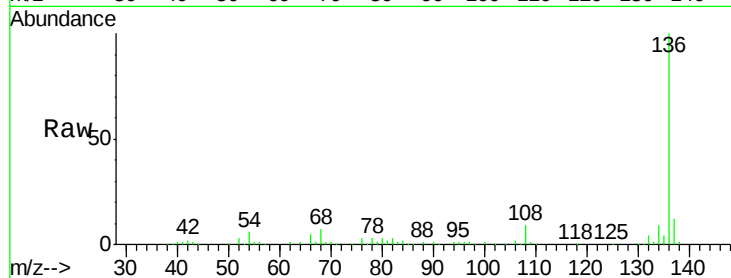




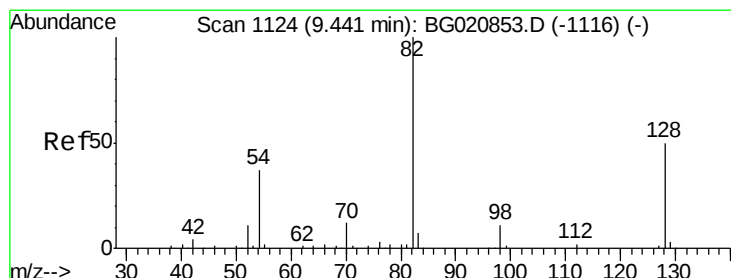
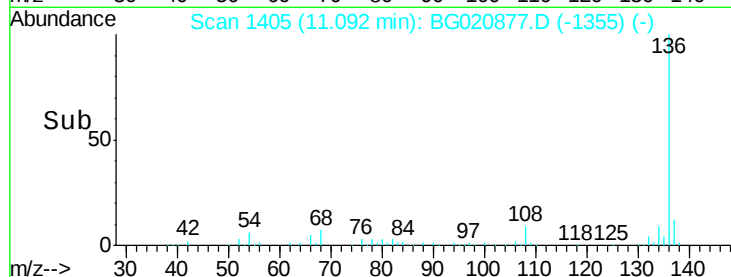
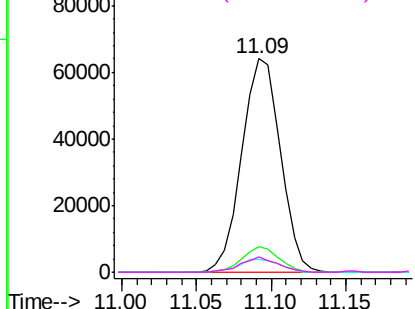
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	115001
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	6.1	5.0	7.4
68	7.1	5.2	7.8

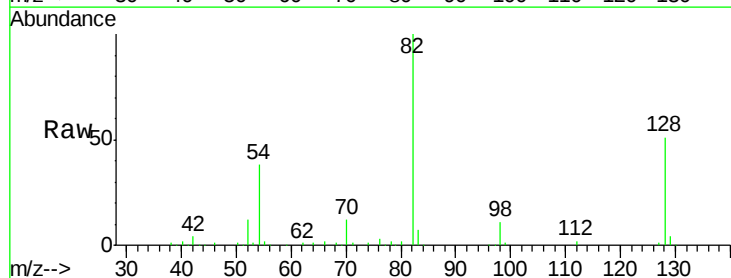


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

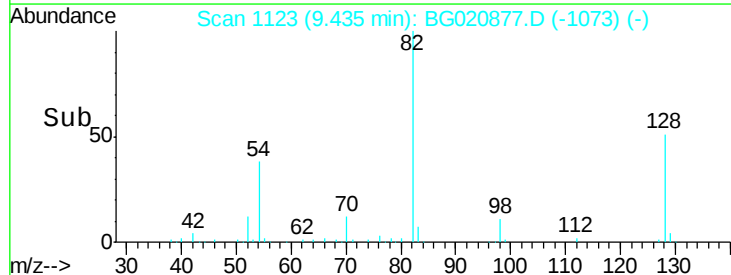
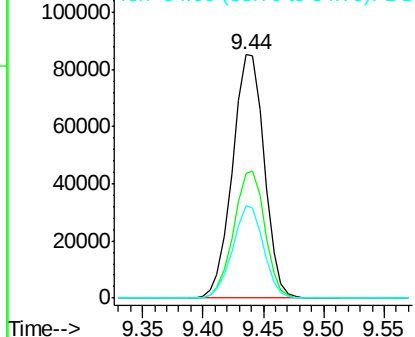


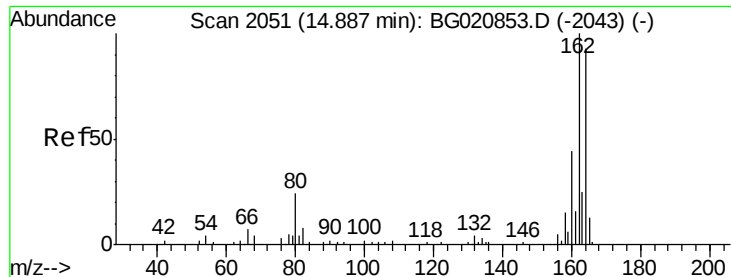
#23
Nitrobenzene-d5
Concen: 89.64 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

Tgt Ion:	82	Resp:	156781
Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.1	60.1
54	37.8	29.5	44.3



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# 2050

Delta R.T. -0.01 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

Instrument :

BNA_G

ClientSampleId :

DFTPP

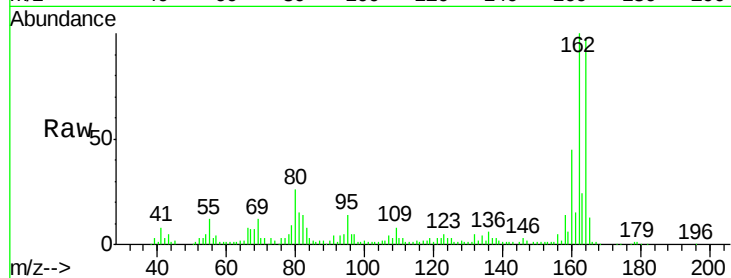
Tgt Ion:164 Resp: 62992

Ion Ratio Lower Upper

164 100

162 103.1 85.7 128.5

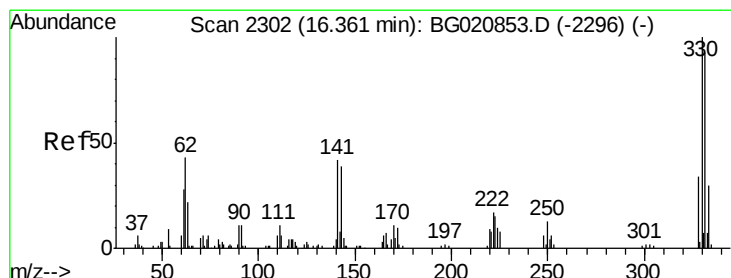
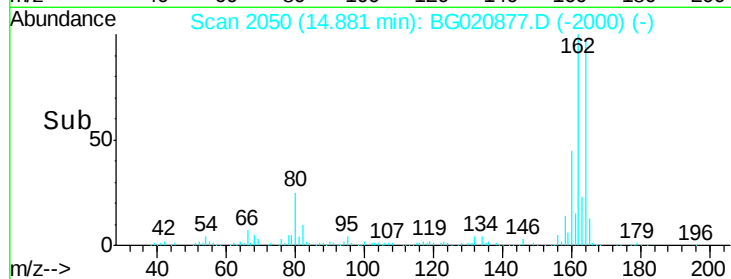
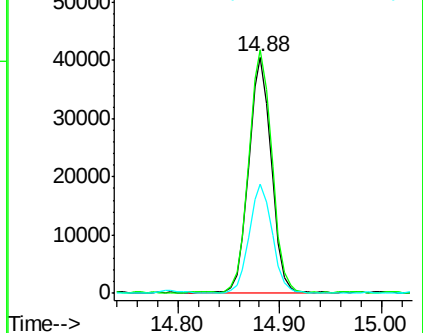
160 46.4 37.4 56.0



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: 124.39 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

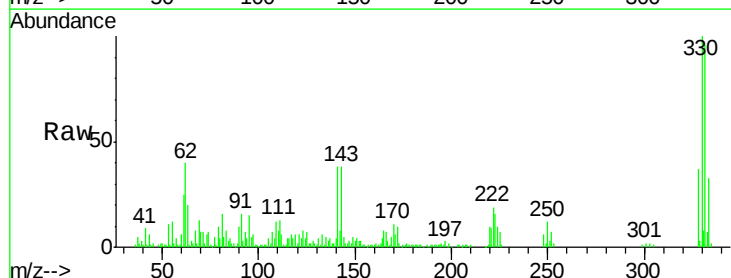
Tgt Ion:330 Resp: 77055

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

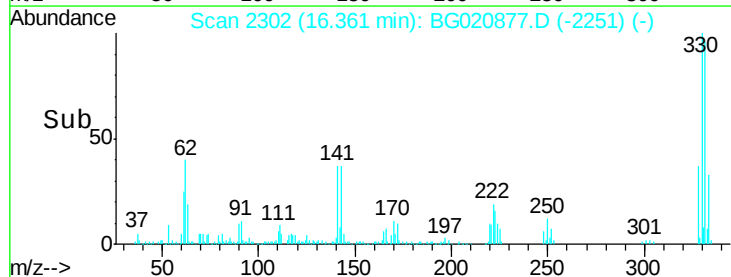
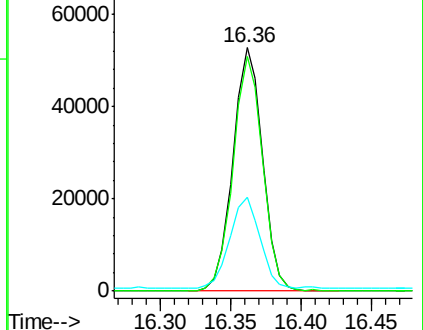
141 38.9 32.0 48.0

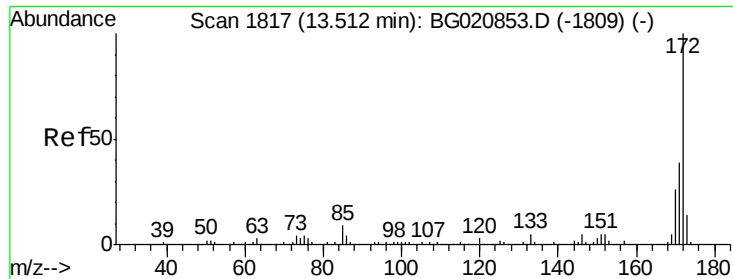


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

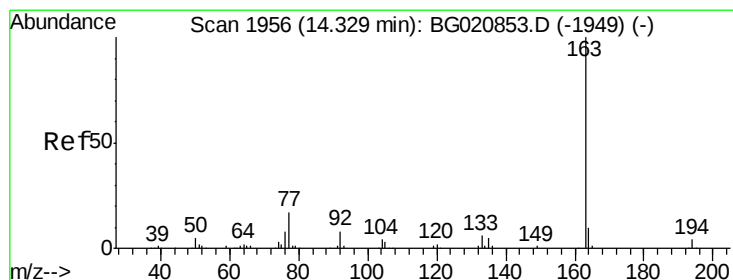
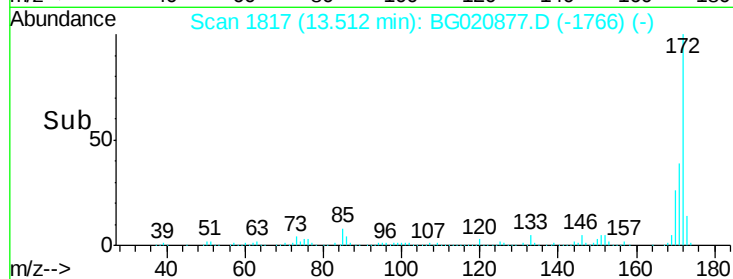
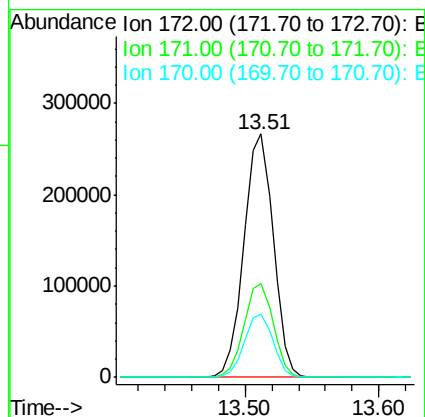
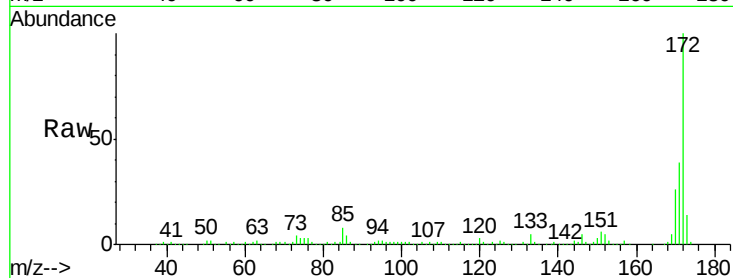




#44
2-Fluorobiphenyl
Concen: 90.06 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

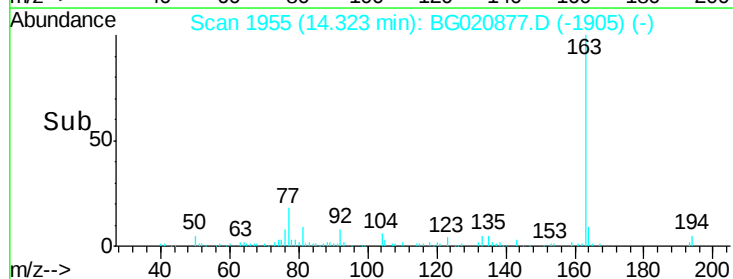
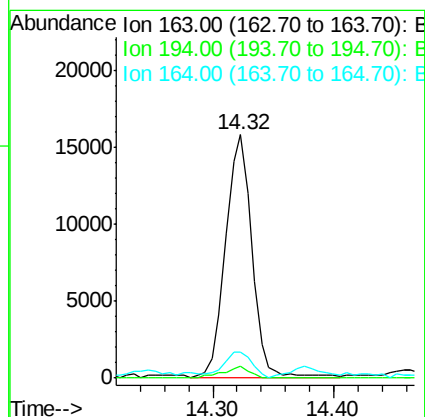
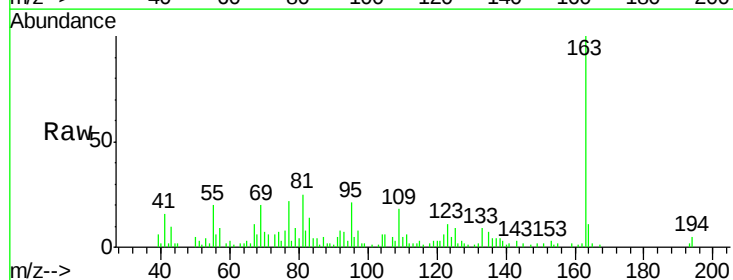
Instrument :
BNA_G
ClientSampleId :
DFTPP

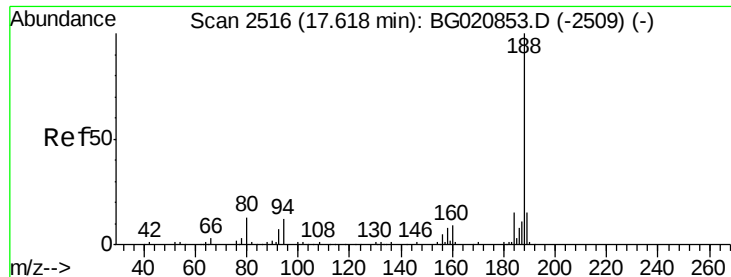
Tgt Ion:172 Resp: 403855
Ion Ratio Lower Upper
172 100
171 38.7 31.2 46.8
170 25.9 20.6 30.8



#49
Dimethylphthalate
Concen: 4.91 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

Tgt Ion:163 Resp: 24180
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 10.5 8.3 12.5

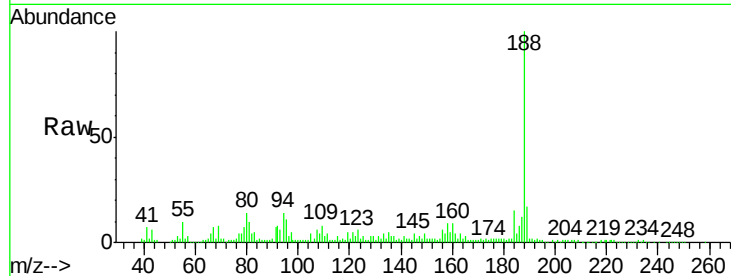




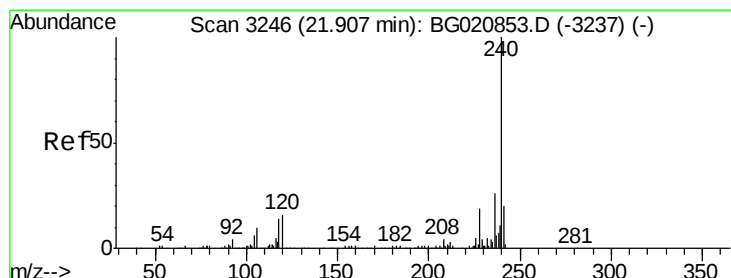
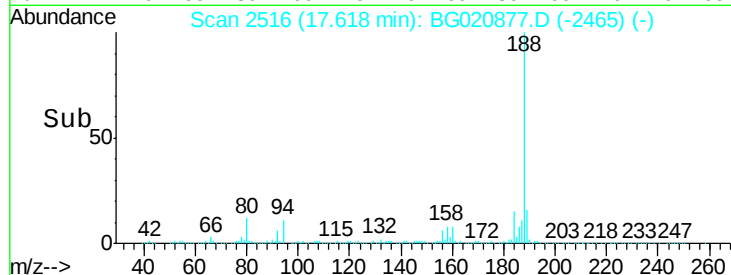
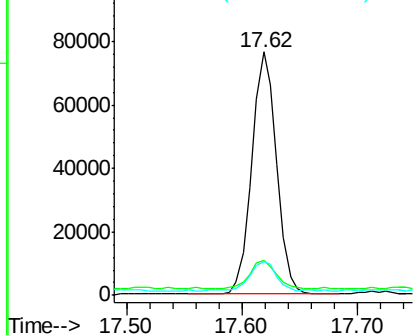
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 113872
Ion Ratio Lower Upper
188 100
94 14.1 9.4 14.0#
80 13.7 10.2 15.4

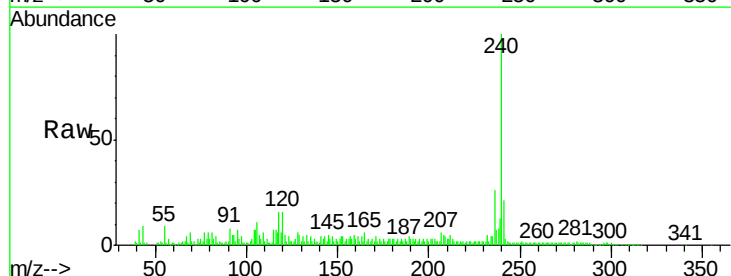


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

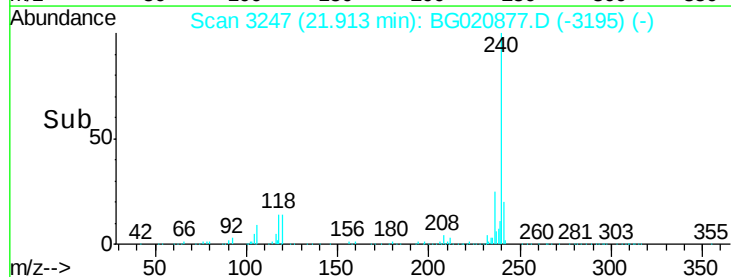
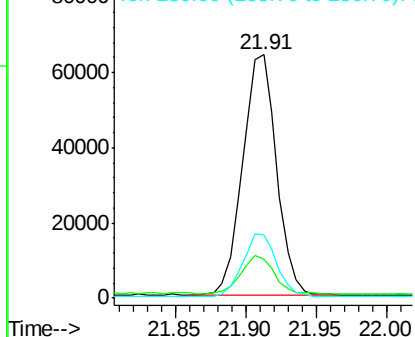


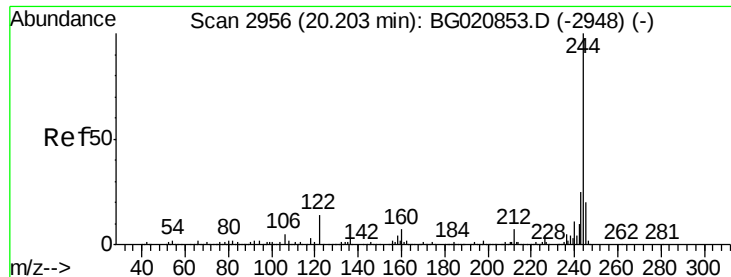
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. 0.01 min
Lab File: BG020877.D
Acq: 12 Feb 2016 4:36

Tgt Ion:240 Resp: 107334
Ion Ratio Lower Upper
240 100
120 15.9 13.0 19.4
236 26.1 21.0 31.4



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: 85.43 ng

RT: 20.20 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

Instrument :

BNA_G

ClientSampleId :

DFTPP

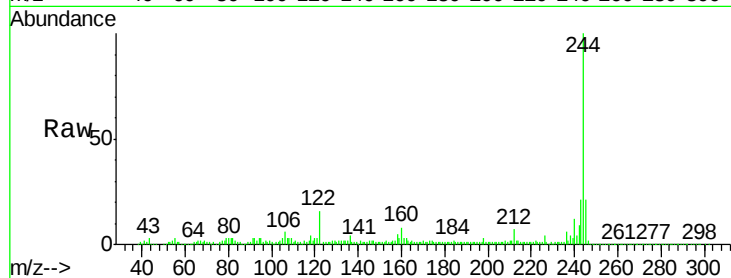
Tgt Ion:244 Resp: 393062

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

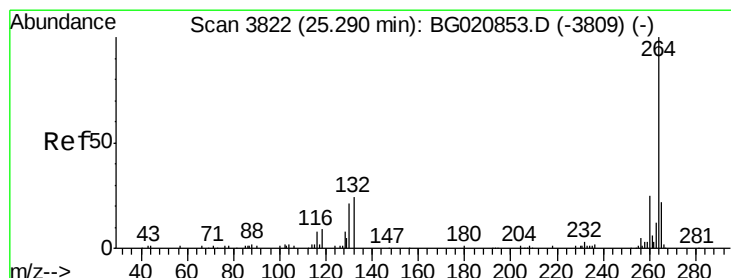
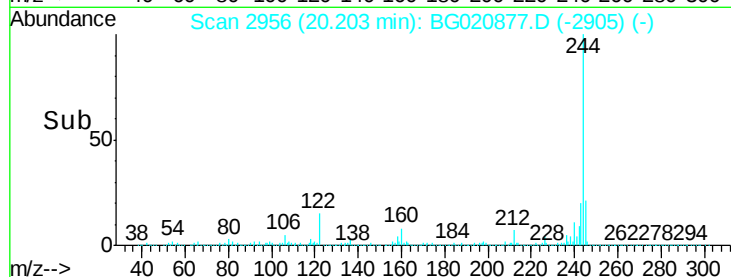
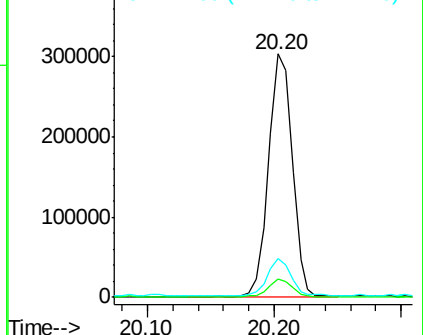
122 15.8 11.4 17.2



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: 25.30 min Scan# 3823

Delta R.T. 0.01 min

Lab File: BG020877.D

Acq: 12 Feb 2016 4:36

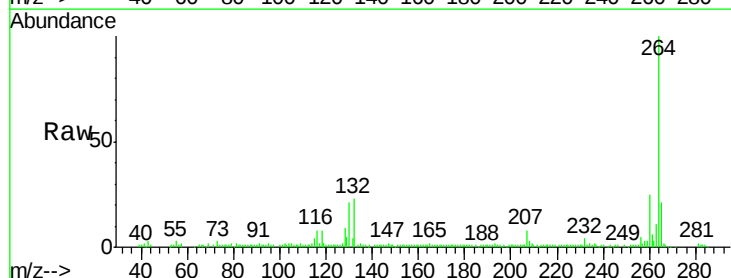
Tgt Ion:264 Resp: 103978

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 20.8 18.0 27.0



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

