

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020979.D
 Acq On : 19 Feb 2016 19:36
 Operator : SJ/UM
 Sample : H1509-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Feb 19 22:12:23 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

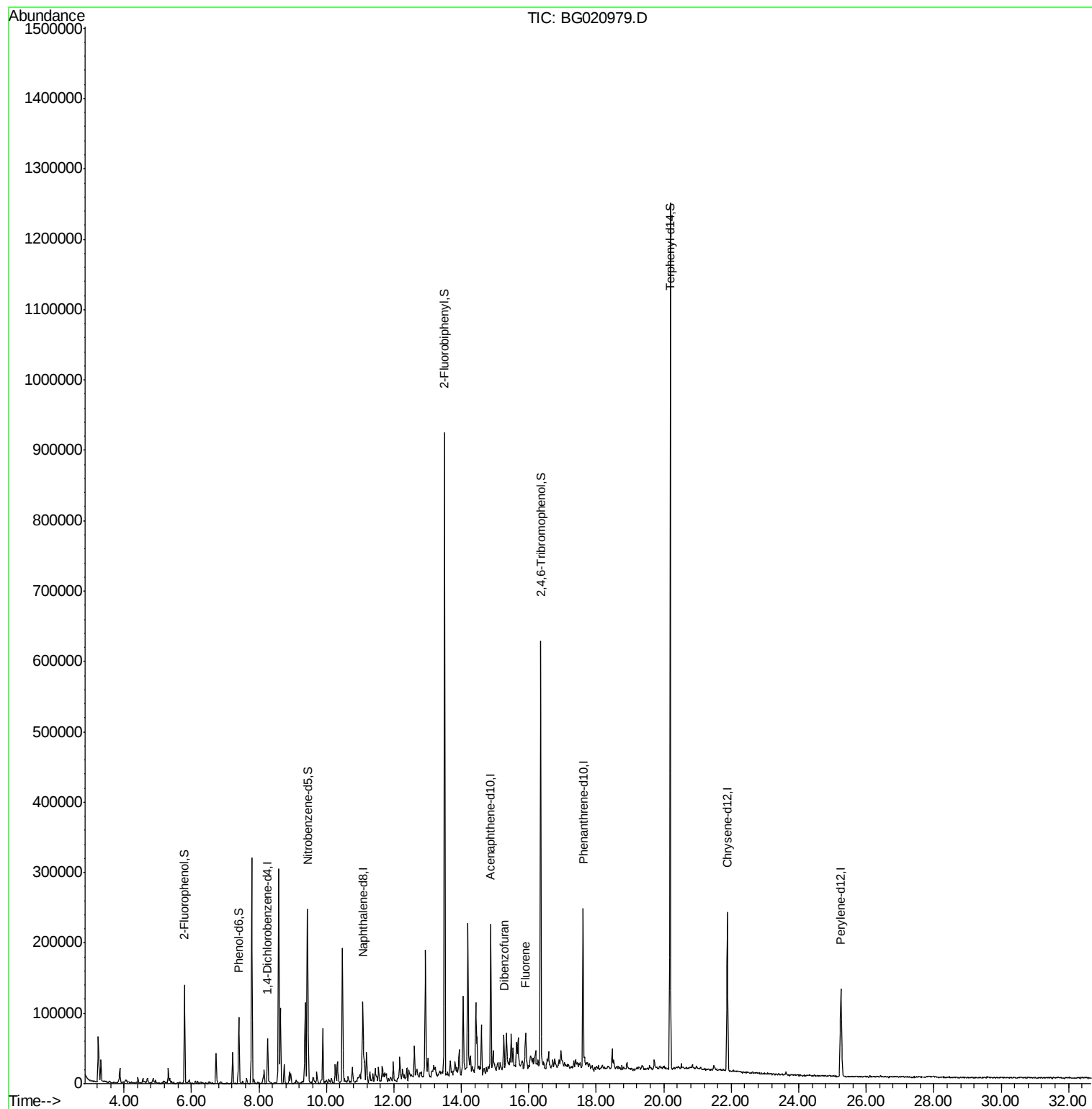
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20598	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	107019	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	68694	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	138276	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129278	20.00	ng	-0.02
86) Perylene-d12	25.26	264	123264	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	81527	66.65	ng	0.00
7) Phenol-d6	7.40	99	70277	39.31	ng	0.00
23) Nitrobenzene-d5	9.43	82	164035	100.78	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	114264	169.15	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	479753	98.10	ng	0.00
78) Terphenyl-d14	20.19	244	501307	90.46	ng	-0.02
Target Compounds						
54) Dibenzofuran	15.26	168	12361	2.04	ng	# 85
57) Fluorene	15.91	166	15374	2.76	ng	# 98

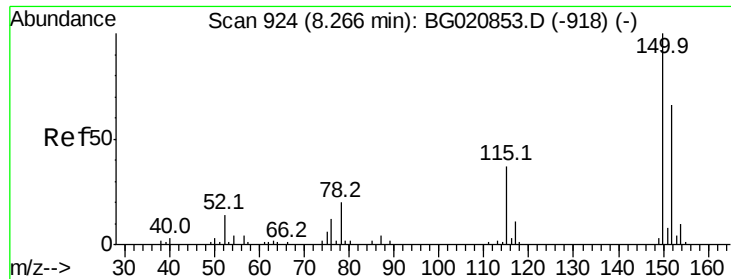
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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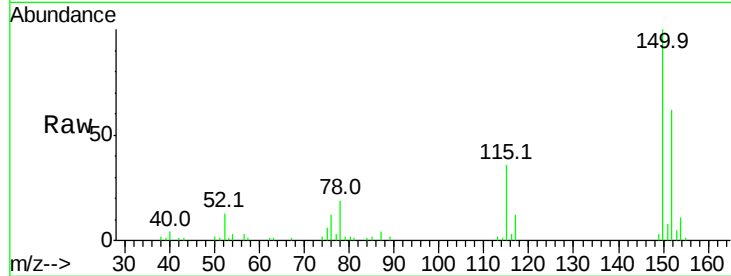


#1

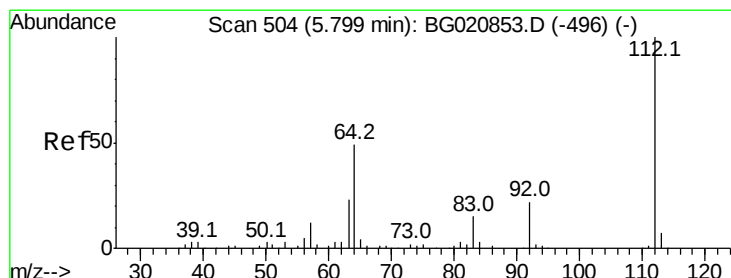
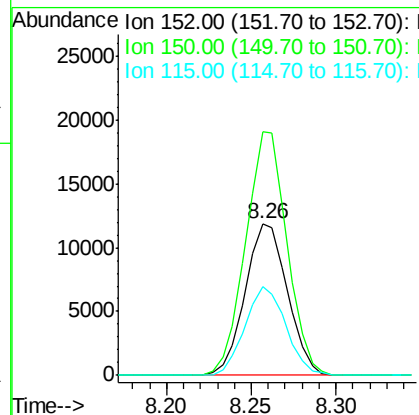
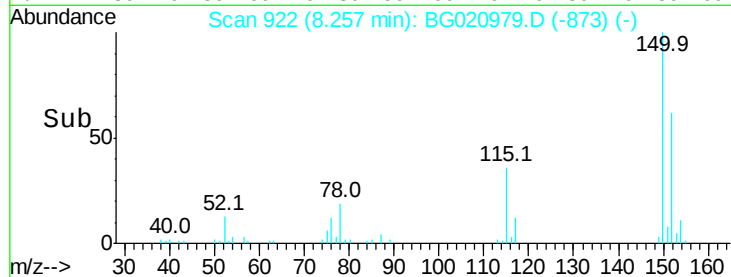
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion:152 Resp: 20598
Ion Ratio Lower Upper
152 100
150 160.2 122.0 183.0
115 58.4 45.2 67.8



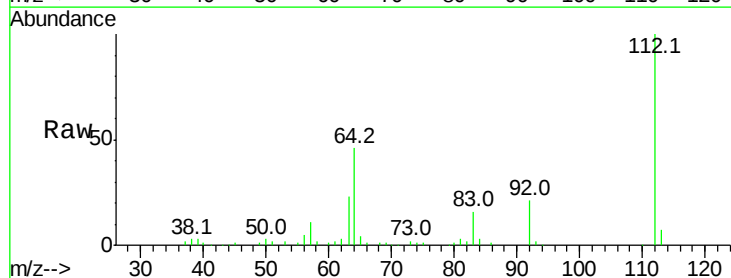
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



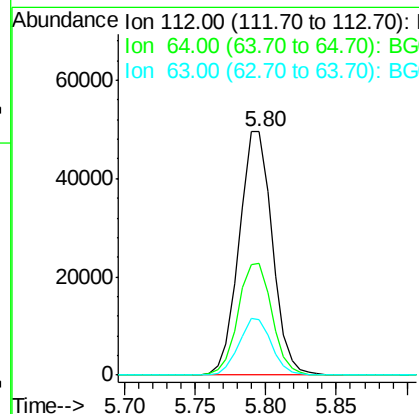
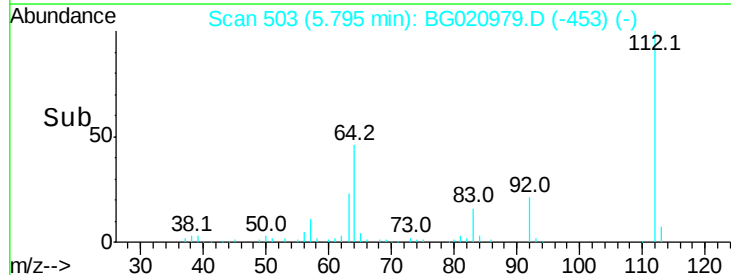
#5

2-Fluorophenol
Concen: 66.65 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:112 Resp: 81527
Ion Ratio Lower Upper
112 100
64 46.0 39.3 58.9
63 22.9 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: 39.31 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

Instrument :

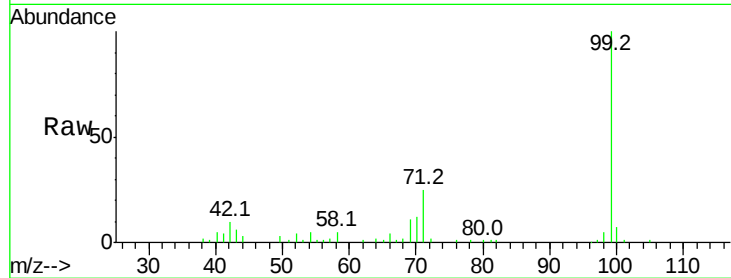
BNA_G

ClientSampleId :

MW-1

Tot Ion: 99 Resp: 70277

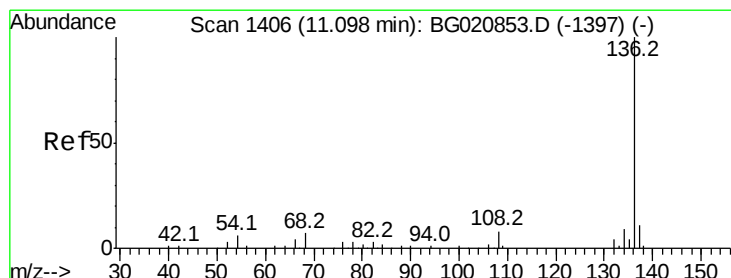
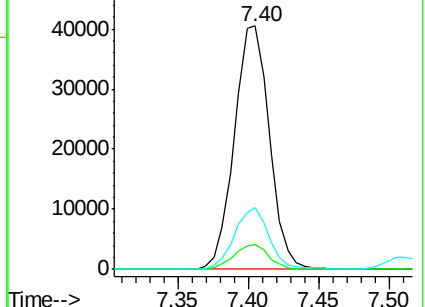
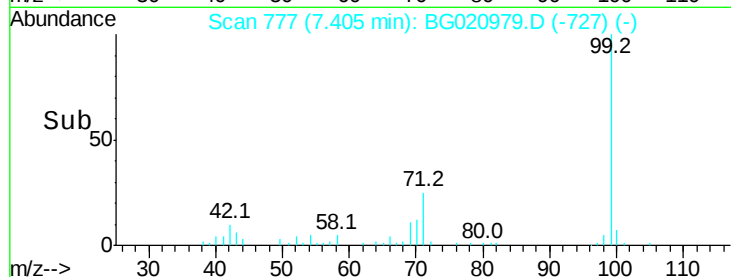
Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.4	12.6
71	25.3	19.4	29.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.08 min Scan# 1403

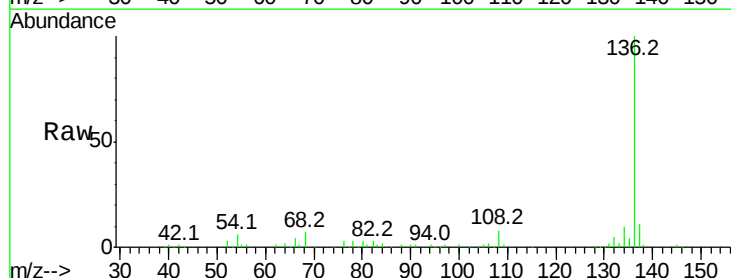
Delta R.T. -0.02 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

Tgt Ion: 136 Resp: 107019

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.2	5.0	7.4
68	6.9	5.2	7.8

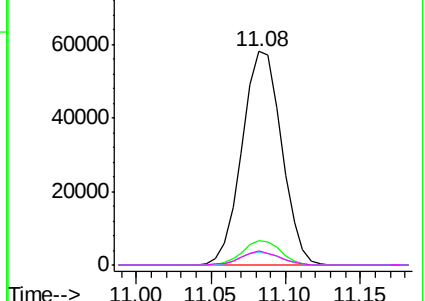
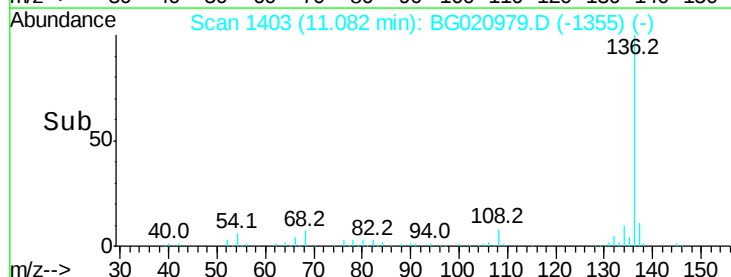


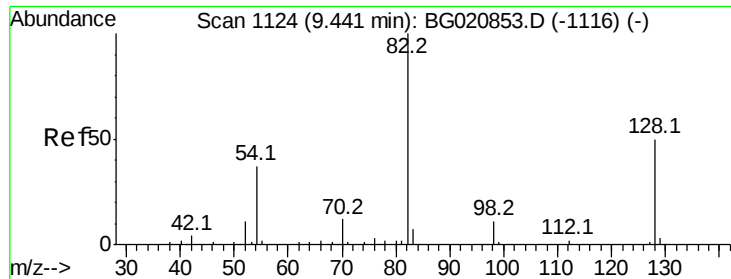
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

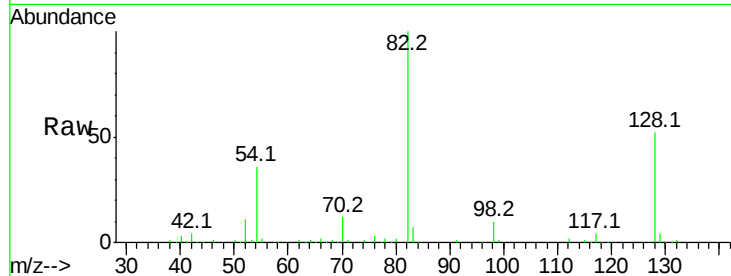




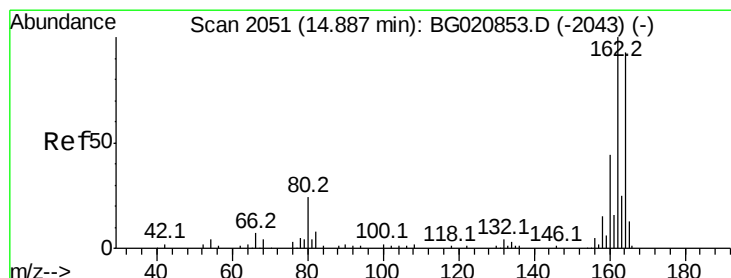
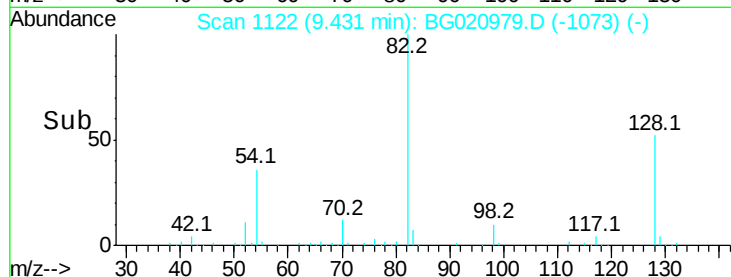
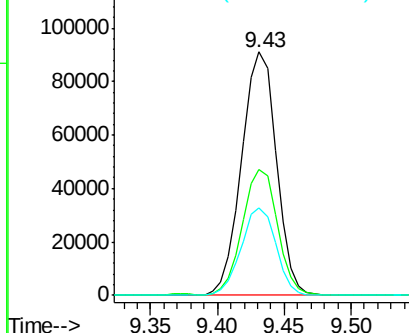
#23
 Nitrobenzene-d5
 Concen: 100.78 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020979.D
 Acq: 19 Feb 2016 19:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion	82	Resp	164035
Ion Ratio	100		
Lower	40.1		
Upper	60.1		
54	35.8	29.5	44.3

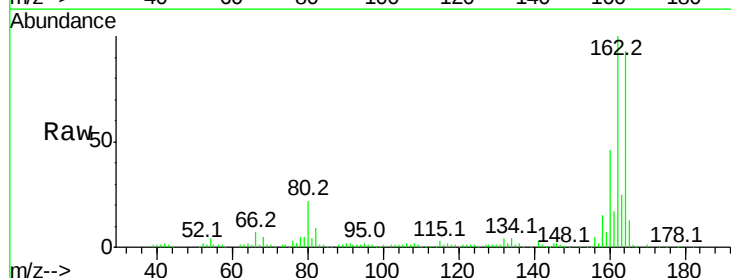


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

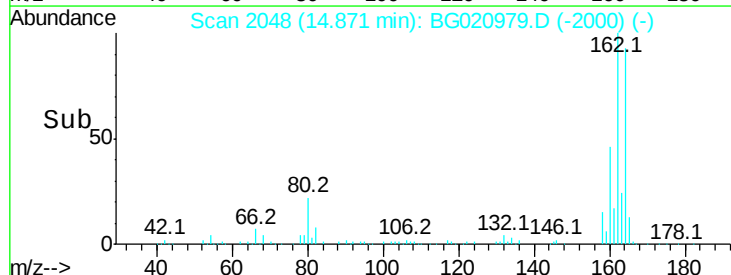
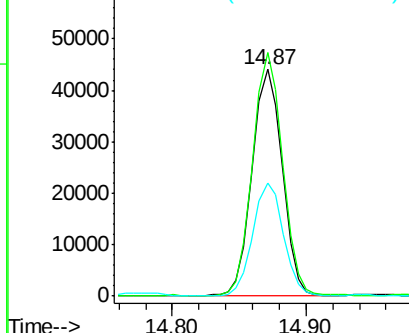


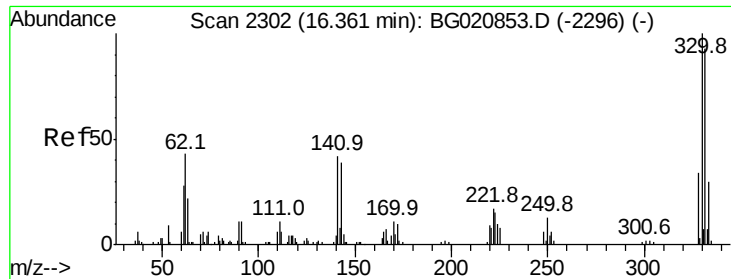
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020979.D
 Acq: 19 Feb 2016 19:36

Tgt Ion	164	Resp	68694
Ion Ratio	100		
Lower	85.7		
Upper	128.5		
162	107.4	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 169.15 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

Instrument :

BNA_G

ClientSampleId :

MW-1

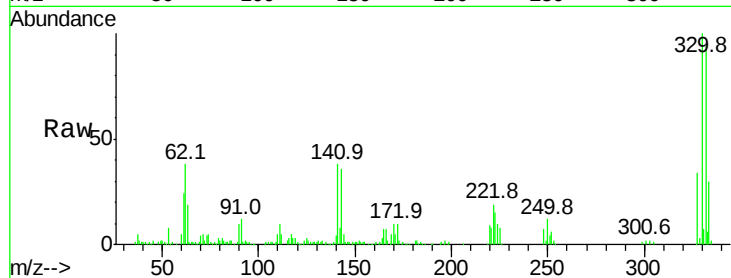
Tot Ion:330 Resp: 114264

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

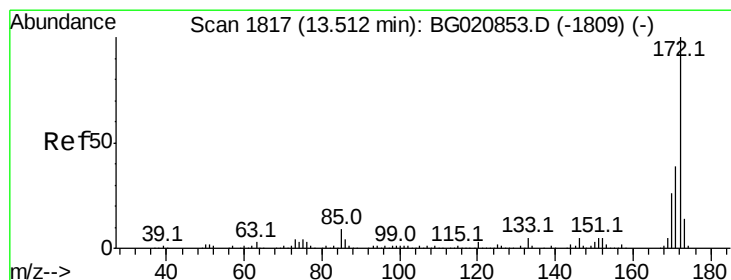
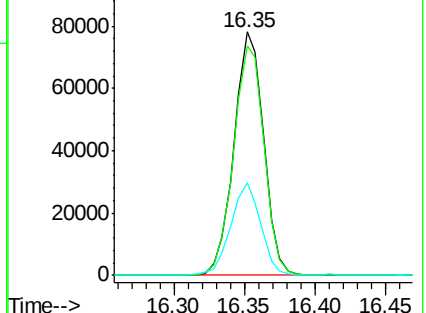
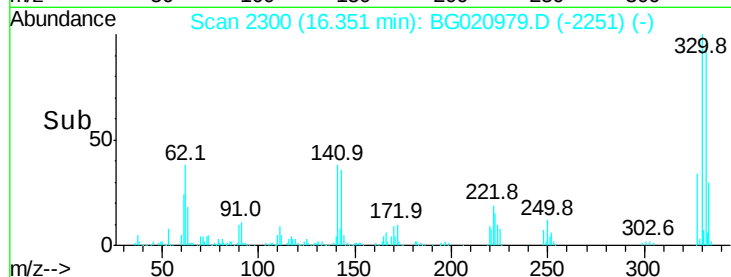
141 37.6 32.0 48.0



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: 98.10 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

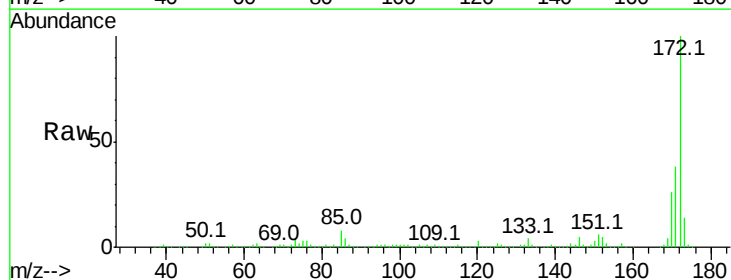
Tgt Ion:172 Resp: 479753

Ion Ratio Lower Upper

172 100

171 38.4 31.2 46.8

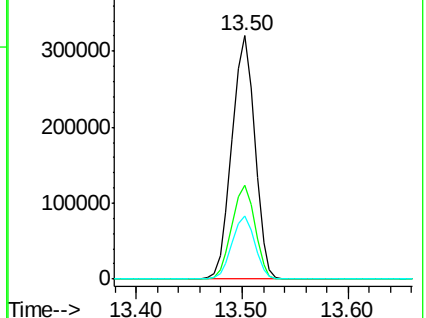
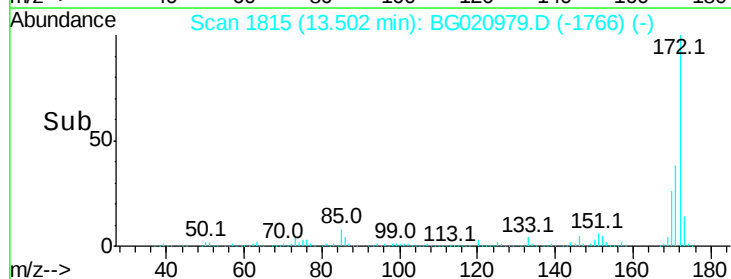
170 25.8 20.6 30.8

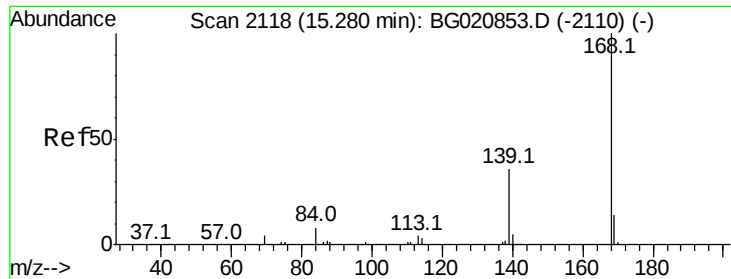


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#54

Dibenzofuran

Concen: 2.04 ng

RT: 15.26 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

Instrument :

BNA_G

ClientSampled :

MW-1

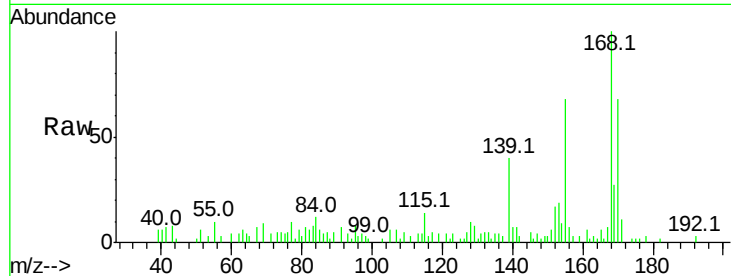
Tot Ion:168 Resp: 12361

Ion Ratio Lower Upper

168 100

139 40.1 28.5 42.7

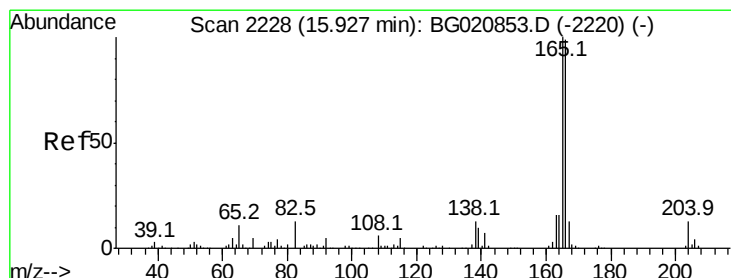
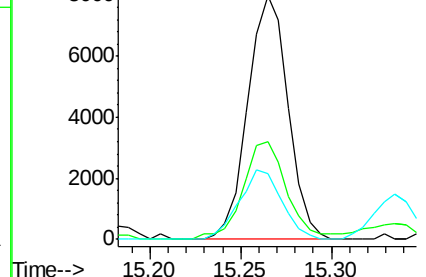
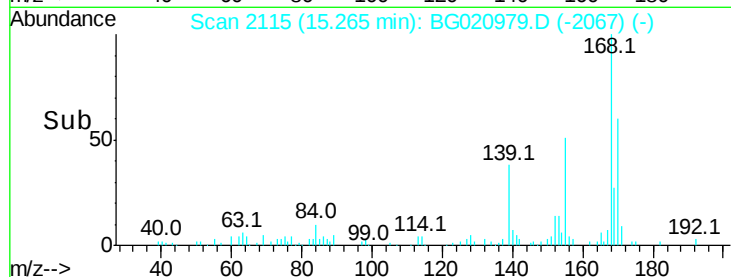
169 26.8 11.0 16.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.76 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

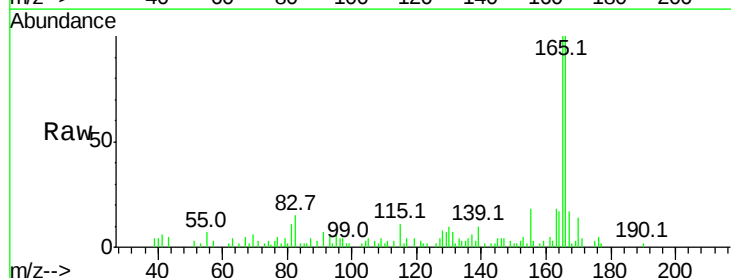
Tgt Ion:166 Resp: 15374

Ion Ratio Lower Upper

166 100

165 99.9 81.0 121.4

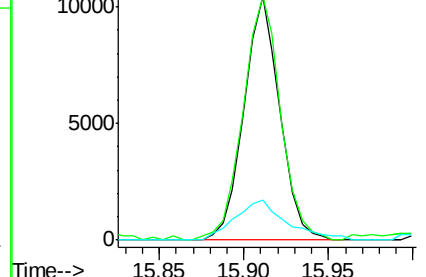
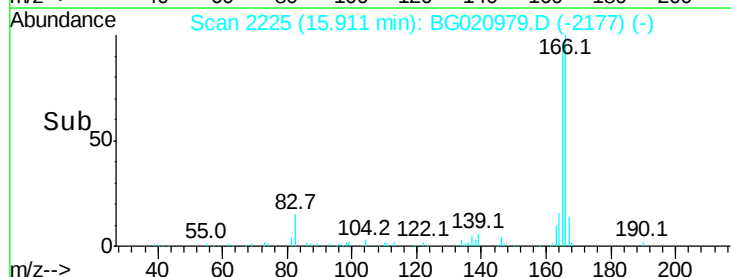
167 16.6 10.8 16.2#

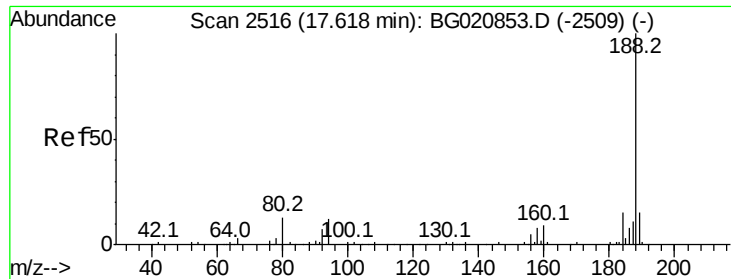


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

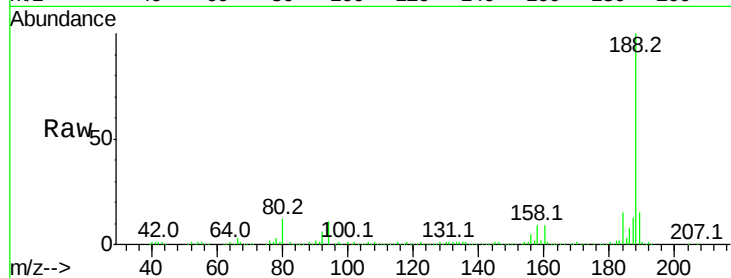




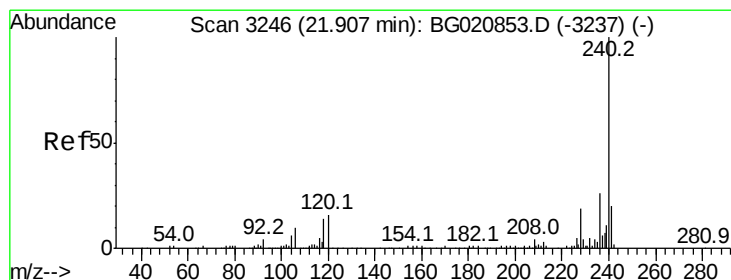
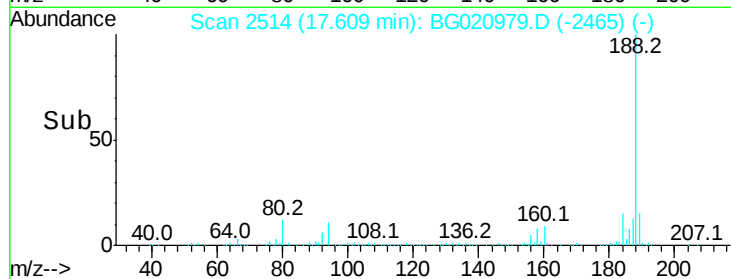
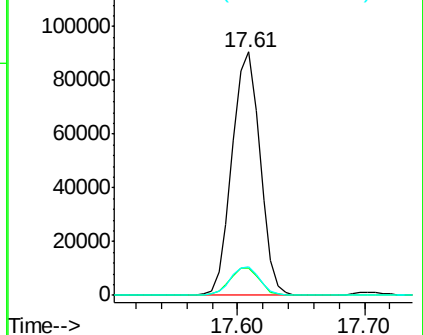
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion:188 Resp: 138276
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.0
80 11.7 10.2 15.4

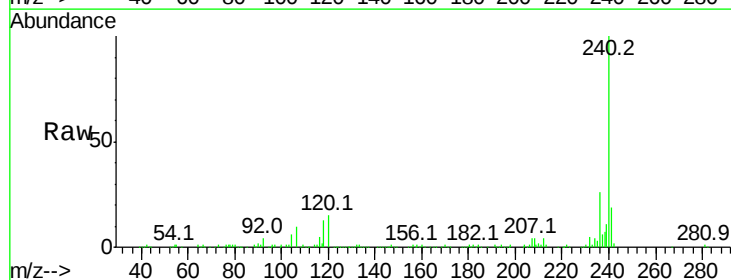


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

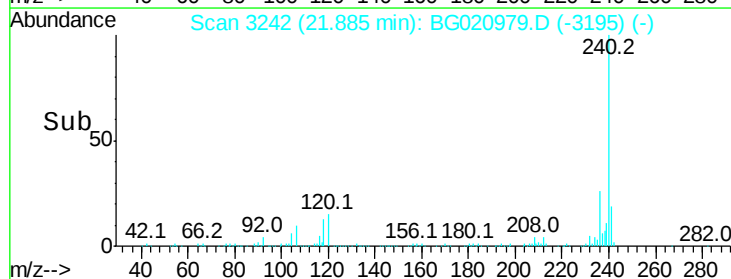
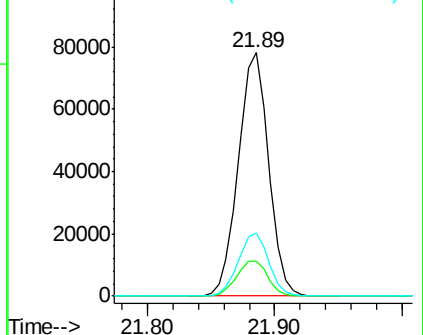


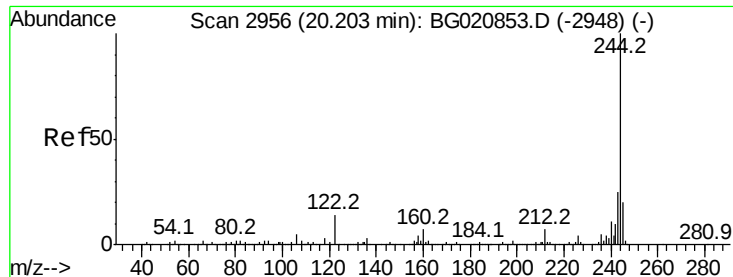
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:240 Resp: 129278
Ion Ratio Lower Upper
240 100
120 14.6 13.0 19.4
236 25.7 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: 90.46 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

Instrument :

BNA_G

ClientSampleId :

MW-1

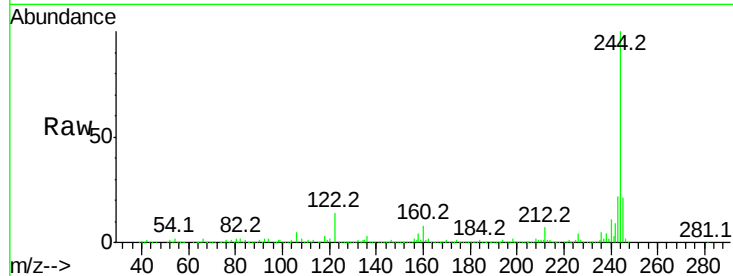
Tot Ion:244 Resp: 501307

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

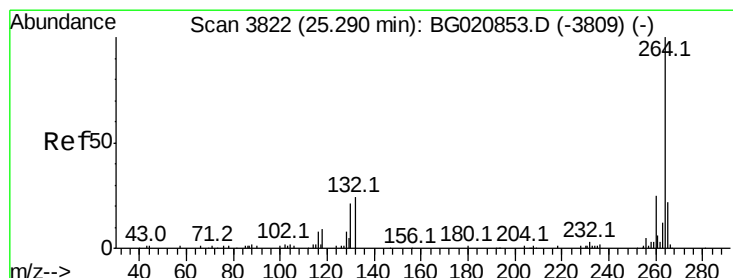
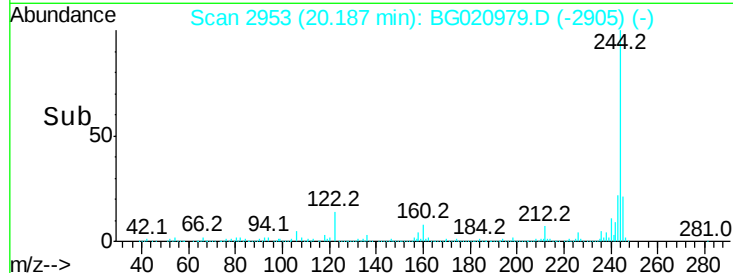
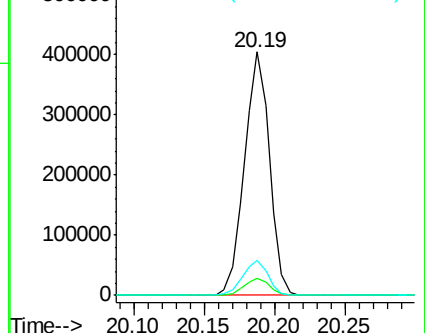
122 14.4 11.4 17.2



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: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG020979.D

Acq: 19 Feb 2016 19:36

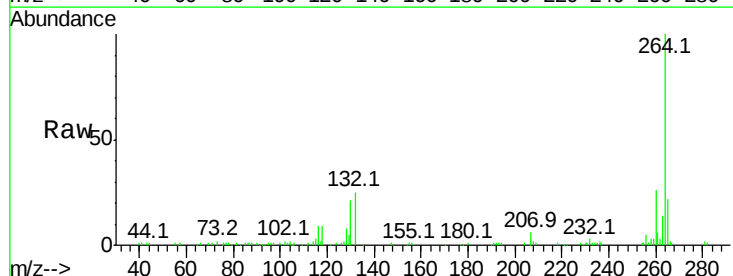
Tgt Ion:264 Resp: 123264

Ion Ratio Lower Upper

264 100

260 25.7 19.9 29.9

265 22.0 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

