

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031478.D
 Acq On : 12 Dec 2017 6:20
 Operator : SJ/JU
 Sample : I6766-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 11:16:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

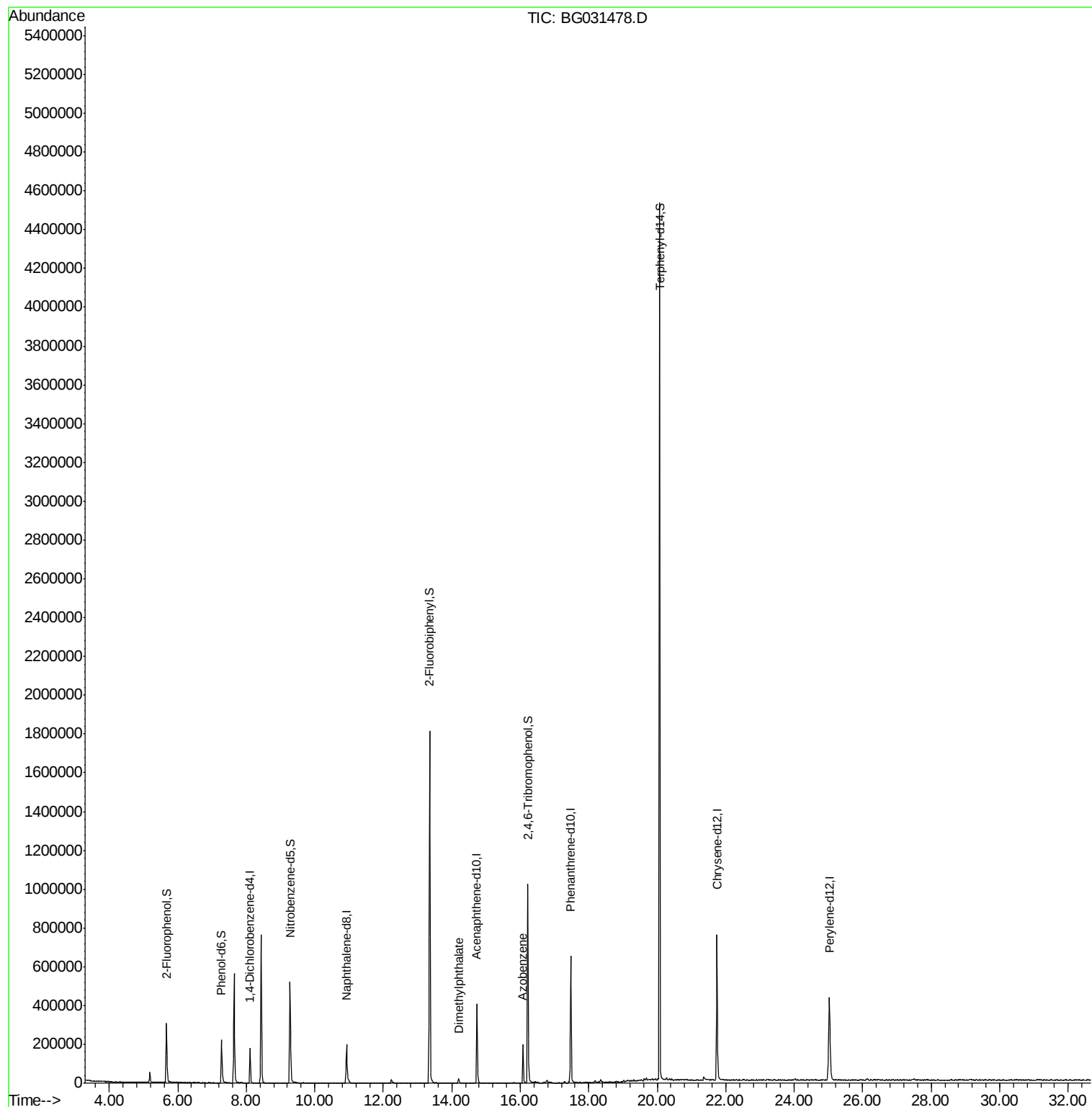
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55817	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	233875	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161747	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	446997	20.00	ng	0.00
75) Chrysene-d12	21.74	240	527735	20.00	ng	0.00
86) Perylene-d12	25.02	264	505500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	168453	53.49	ng	0.00
7) Phenol-d6	7.28	99	154093	35.25	ng	0.00
23) Nitrobenzene-d5	9.28	82	364473	96.06	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	215445	113.70	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1094900	99.36	ng	0.00
78) Terphenyl-d14	20.07	244	1995949	86.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	27231	2.034	ng	97
62) Azobenzene	16.08	77	59195	5.324	ng	# 1

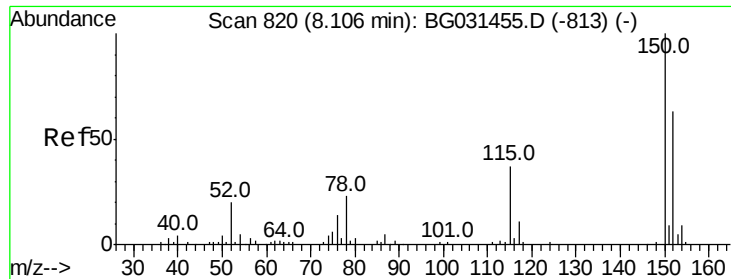
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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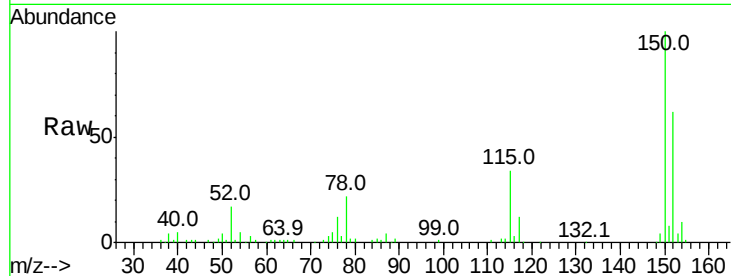


#1

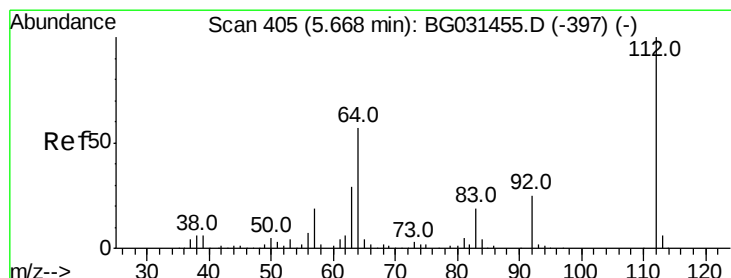
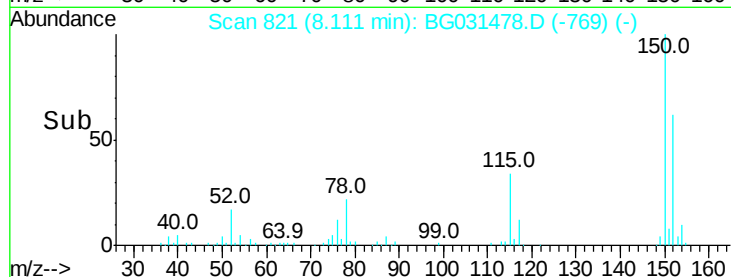
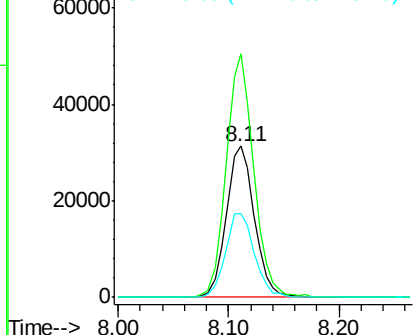
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031478.D
Acq: 12 Dec 2017 6:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.6	189.8
115	55.1	53.0	79.4



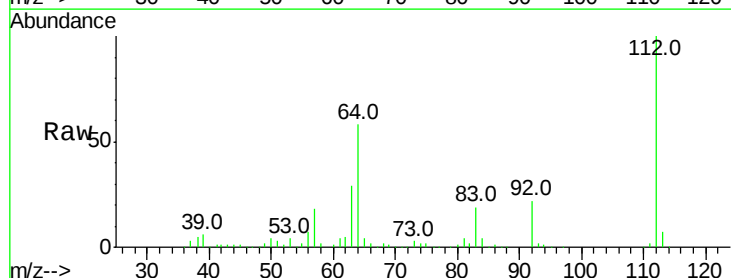
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



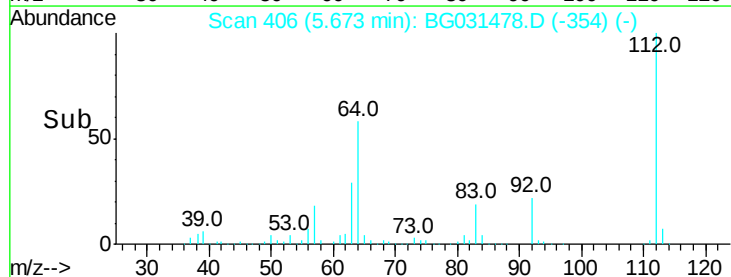
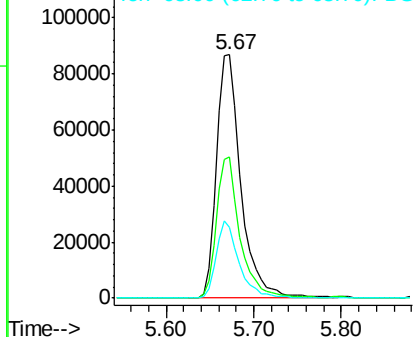
#5

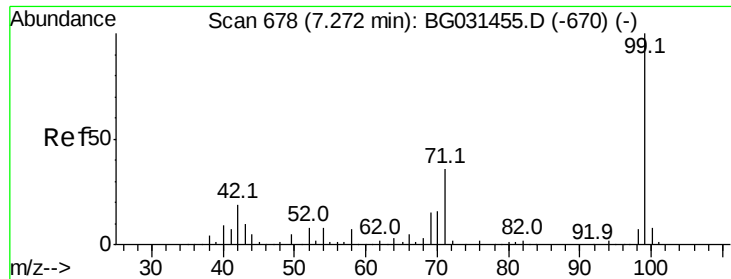
2-Fluorophenol
Concen: 53.494 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031478.D
Acq: 12 Dec 2017 6:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	56.3	84.5
63	29.3	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.249 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Instrument :

BNA_G

ClientSampleId :

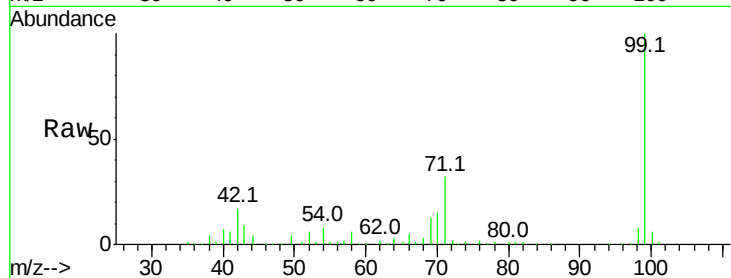
Tot Ion: 99 Resp: 154093

Ion Ratio Lower Upper

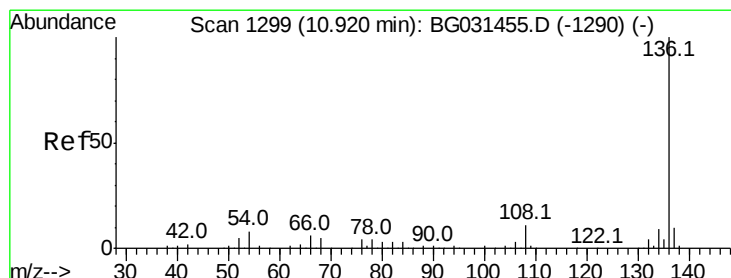
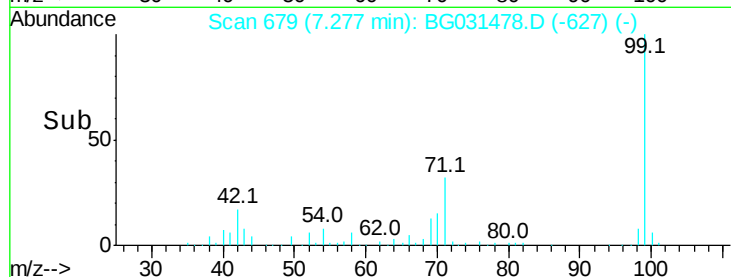
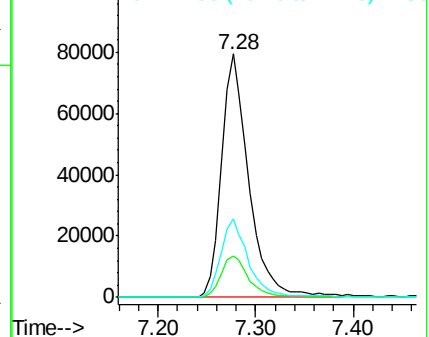
99 100

42 17.2 14.1 21.1

71 32.0 26.1 39.1



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: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Tgt Ion: 136 Resp: 233875

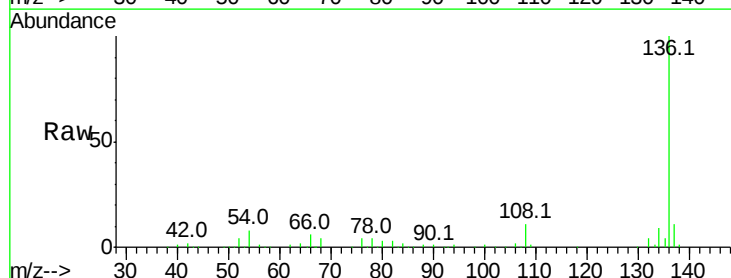
Ion Ratio Lower Upper

136 100

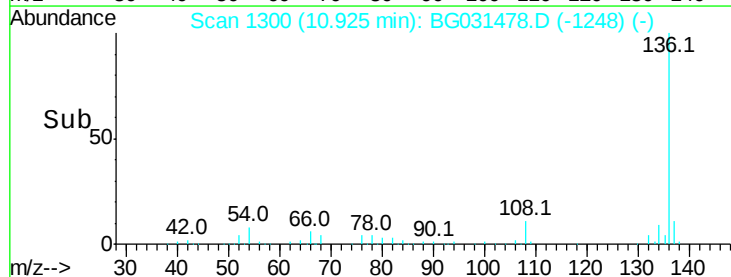
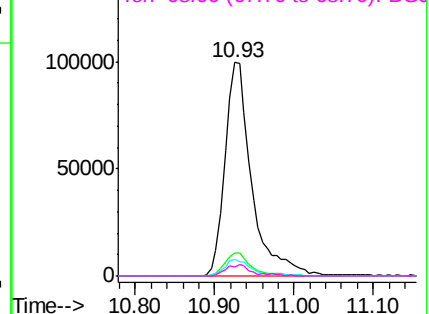
137 10.9 9.2 13.8

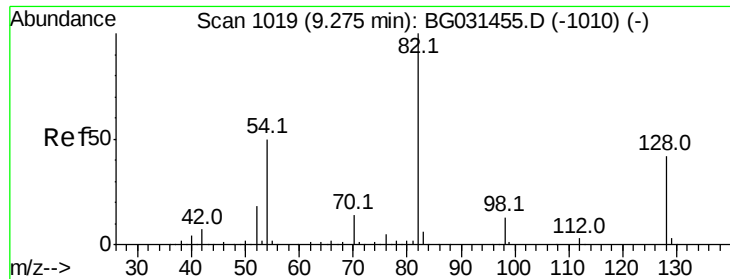
54 7.6 10.3 15.5#

68 4.3 4.5 6.7#



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

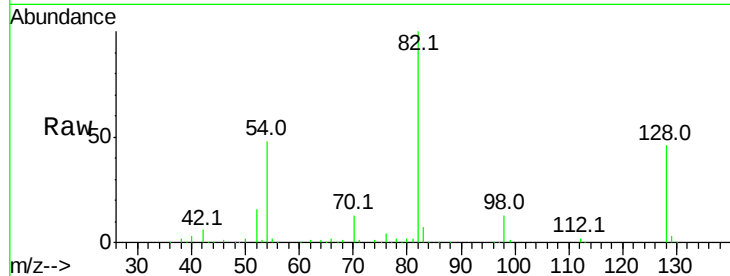




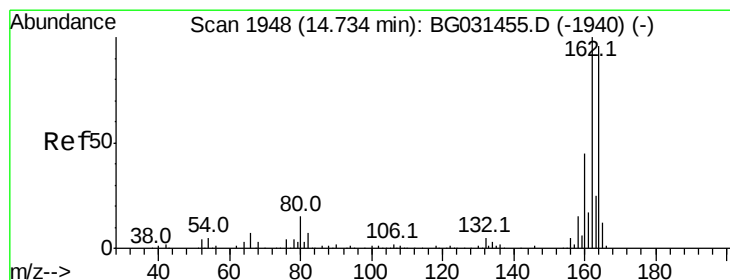
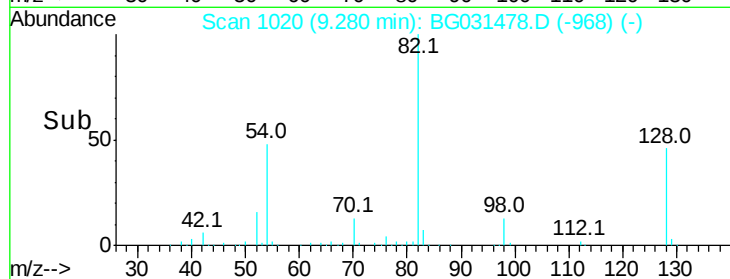
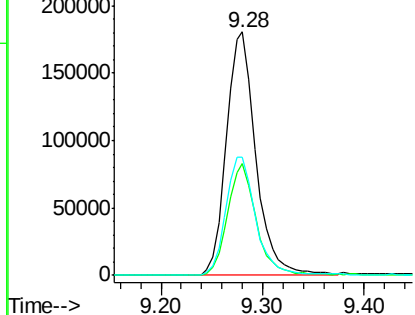
#23
Nitrobenzene-d5
Concen: 96.055 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG031478.D
Acq: 12 Dec 2017 6:20

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 364473
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 48.4 43.1 64.7

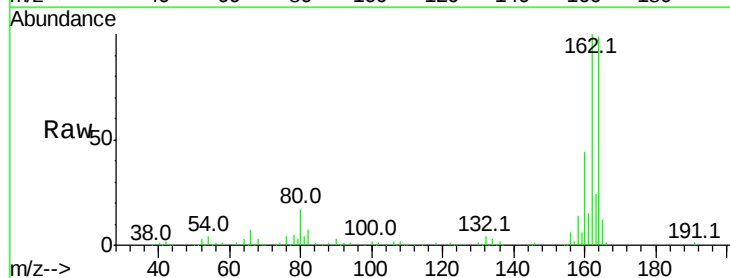


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

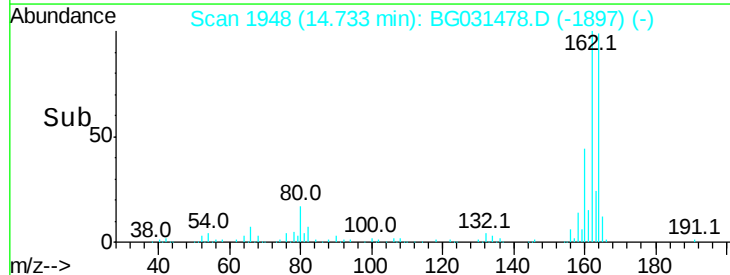
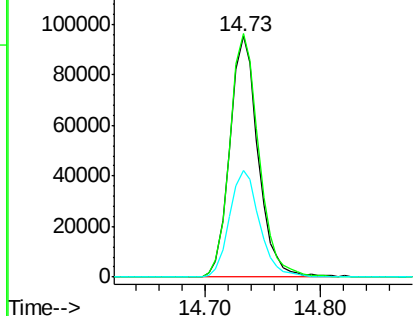


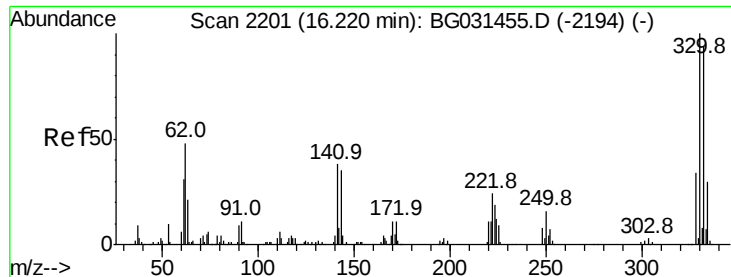
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031478.D
Acq: 12 Dec 2017 6:20

Tgt Ion:164 Resp: 161747
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.5 35.4 53.0



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

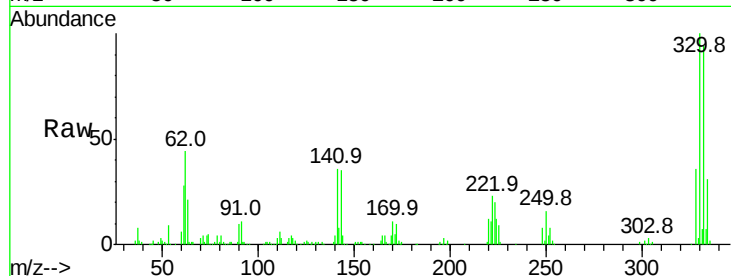




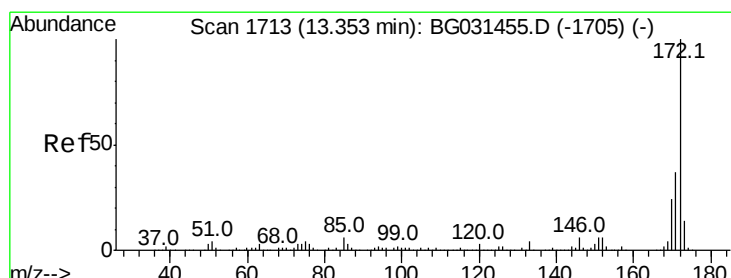
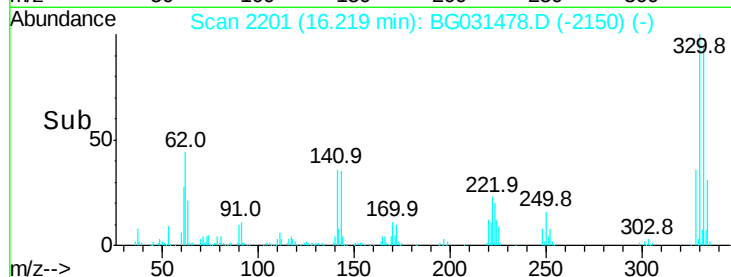
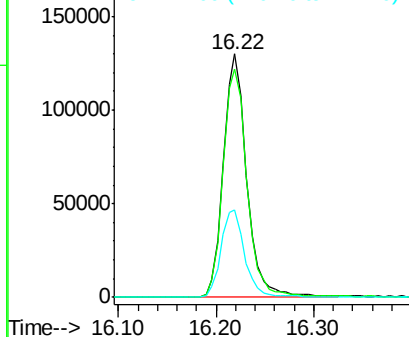
#41
 2,4,6-Tribromophenol
 Concen: 113.695 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031478.D
 Acq: 12 Dec 2017 6:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.9	25.2	37.8

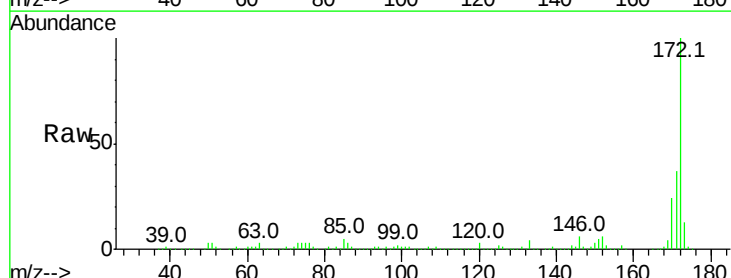


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

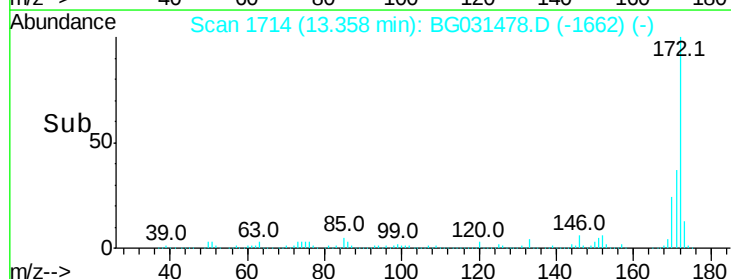
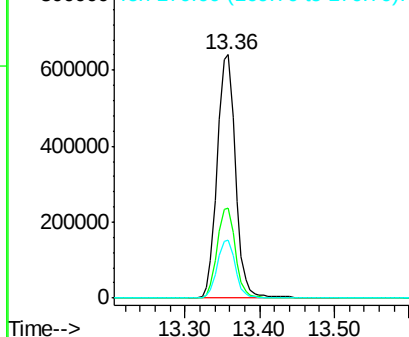


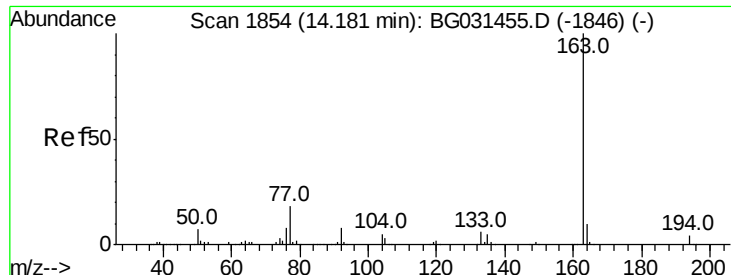
#44
 2-Fluorobiphenyl
 Concen: 99.363 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG031478.D
 Acq: 12 Dec 2017 6:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3



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





#49

Dimethylphthalate

Concen: 2.034 ng

RT: 14.20 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Instrument :

BNA_G

ClientSampleId :

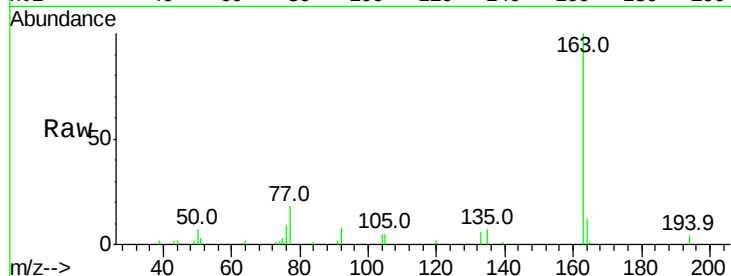
Tot Ion:163 Resp: 27231

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

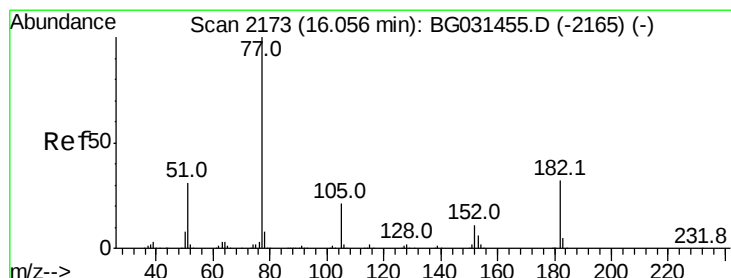
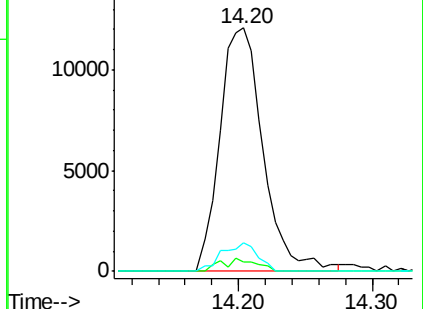
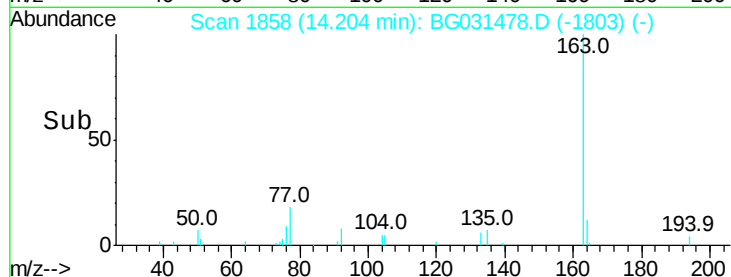
164 11.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 5.324 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Tgt Ion: 77 Resp: 59195

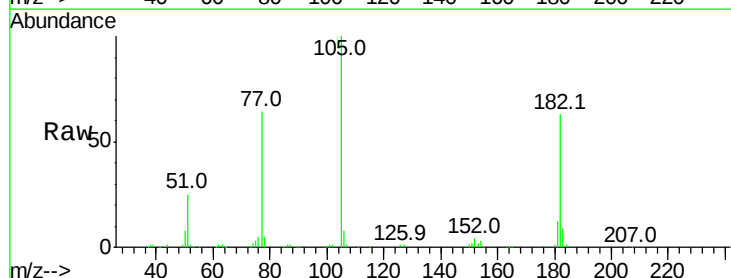
Ion Ratio Lower Upper

77 100

182 98.7 7.4 47.4#

105 156.2 0.3 40.3#

51 38.7 11.6 51.6

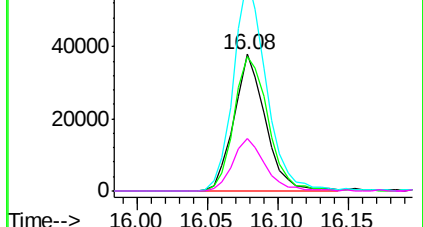
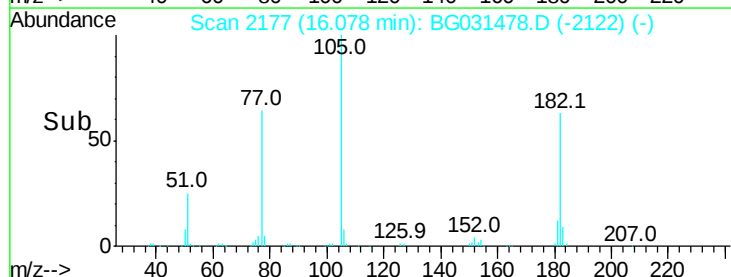


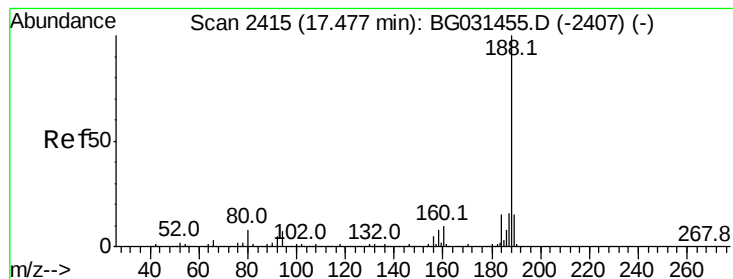
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Instrument :

BNA_G

ClientSampleId :

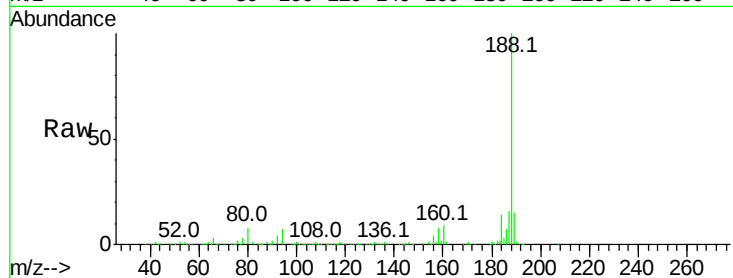
Tot Ion:188 Resp: 446997

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

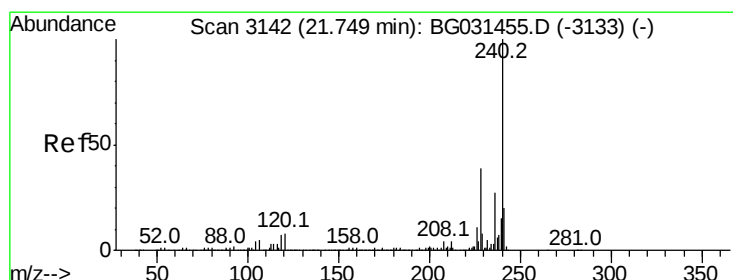
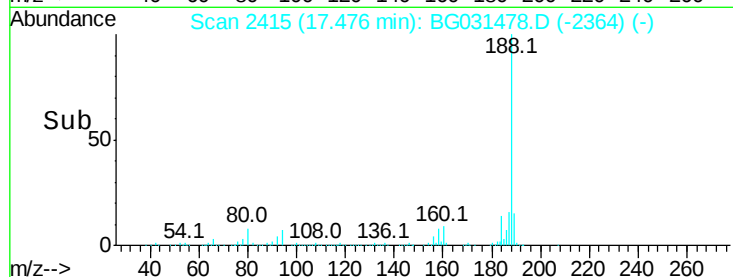
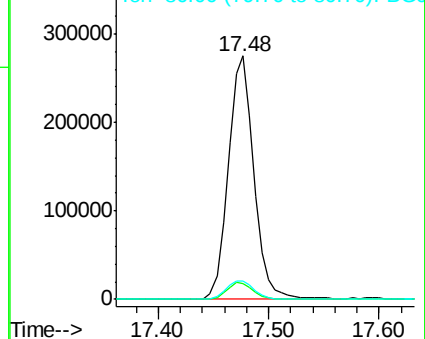
80 7.6 7.7 11.5#



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: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

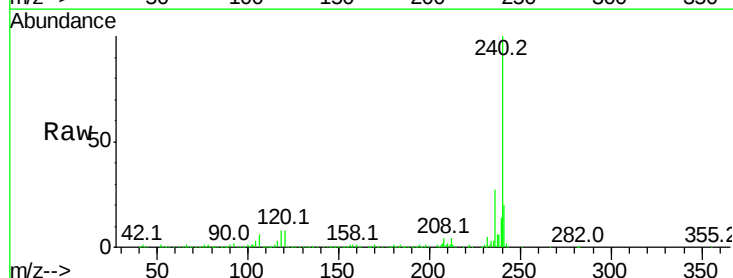
Tgt Ion:240 Resp: 527735

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

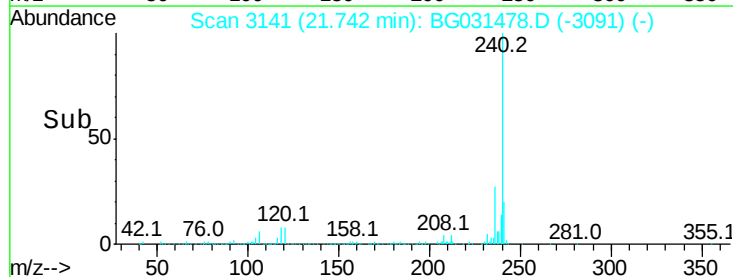
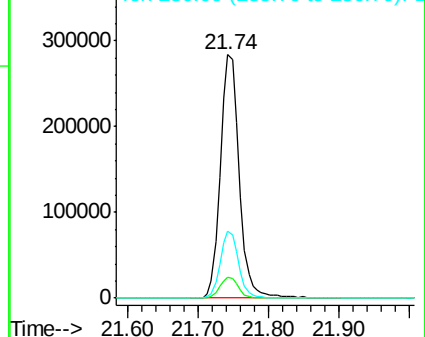
236 27.4 20.9 31.3

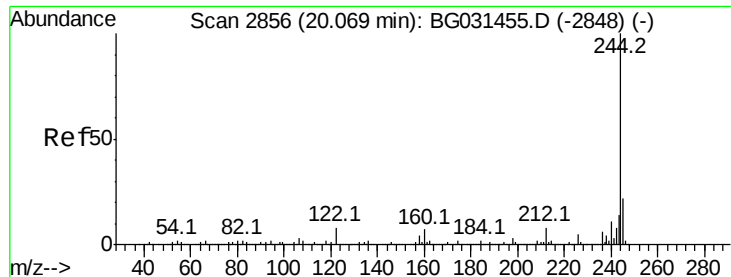


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.049 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

Instrument :

BNA_G

ClientSampleId :

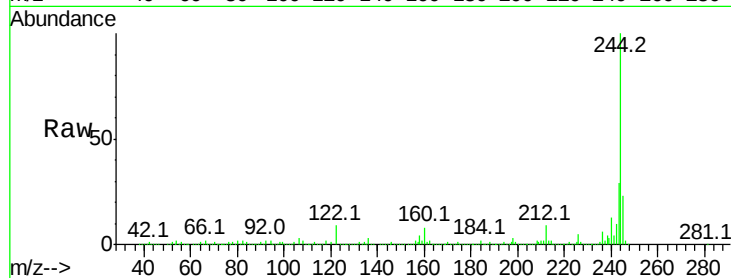
Tot Ion:244 Resp: 1995949

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

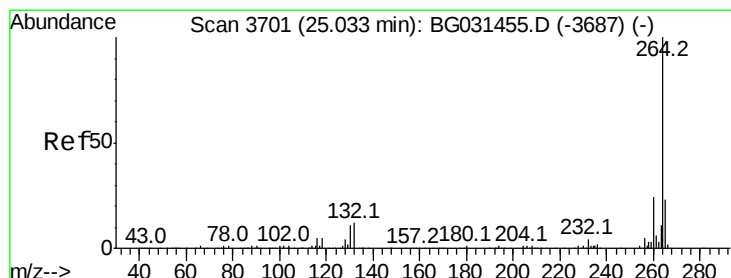
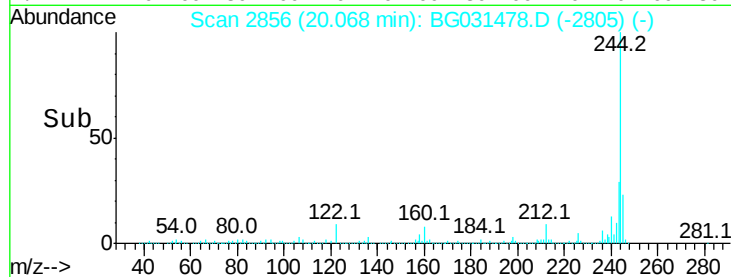
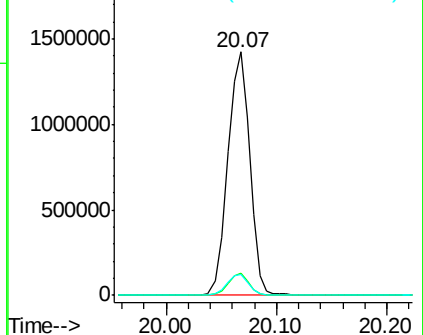
122 8.6 7.0 10.4



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: 20.000 ng

RT: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031478.D

Acq: 12 Dec 2017 6:20

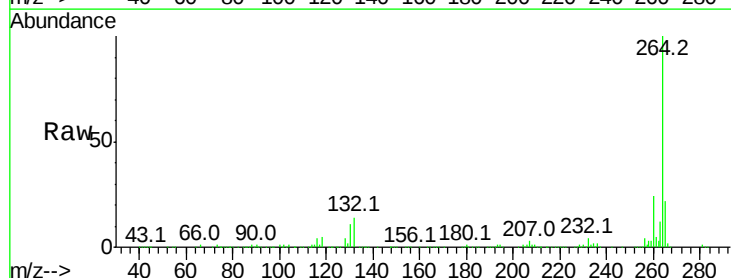
Tgt Ion:264 Resp: 505500

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.6 17.7 26.5



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

