

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041217.D
 Acq On : 12 Jun 2019 22:01
 Operator : HP/JU
 Sample : K3282-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25082-2022

Quant Time: Jun 13 08:05:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

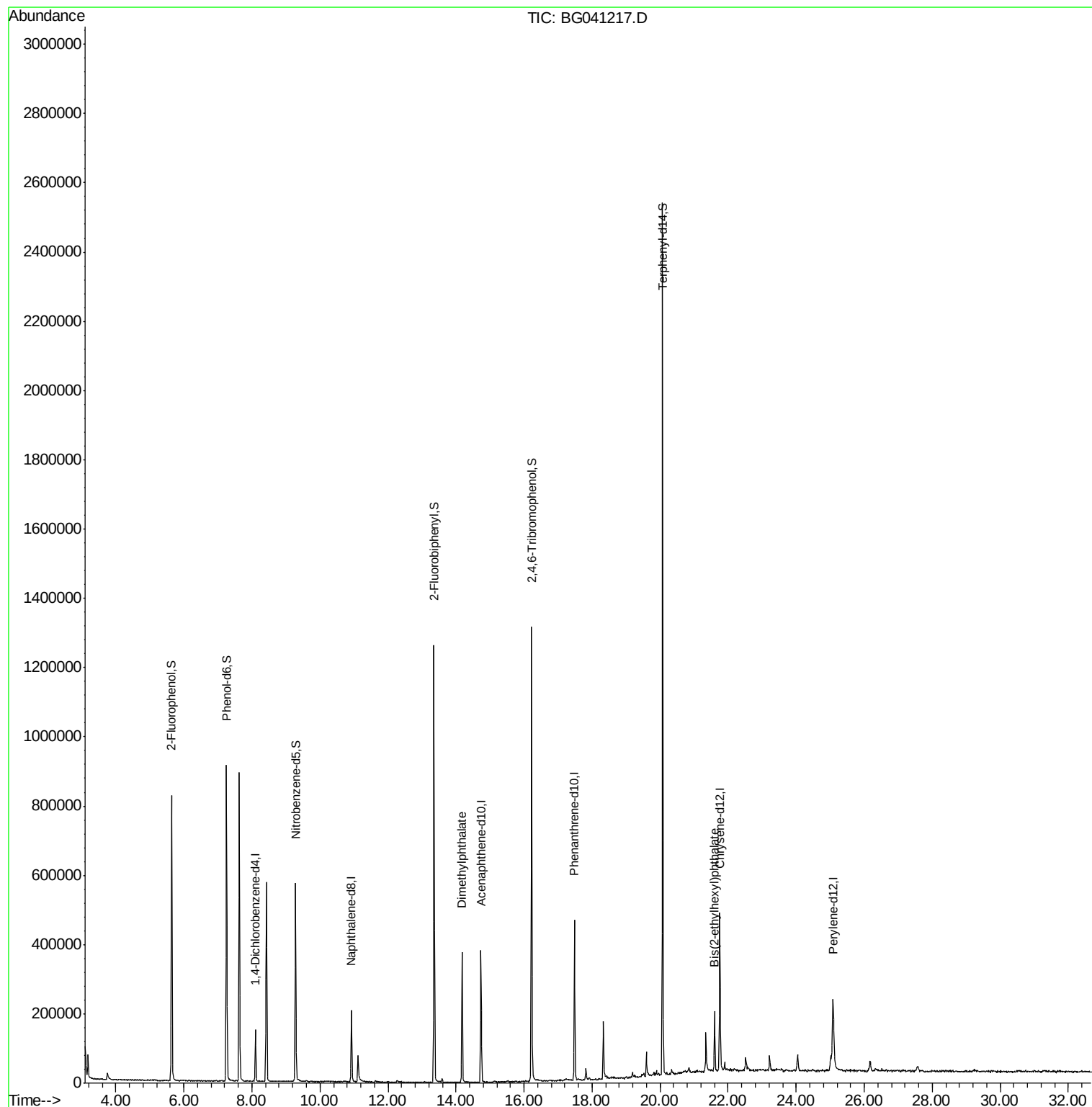
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39130	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171771	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	129636	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	297263	20.00	ng	0.00
76) Chrysene-d12	21.76	240	291182	20.00	ng	0.00
87) Perylene-d12	25.08	264	294168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	322044	148.41	ng	0.00
7) Phenol-d6	7.25	99	484207	144.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	344910	89.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	249778	129.79	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	663706	73.73	ng	0.00
79) Terphenyl-d14	20.08	244	1155923	84.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	248150	22.613	ng	Qvalue 100
84) Bis(2-ethylhexyl)phthalate	21.60	149	70039	6.754	ng	99

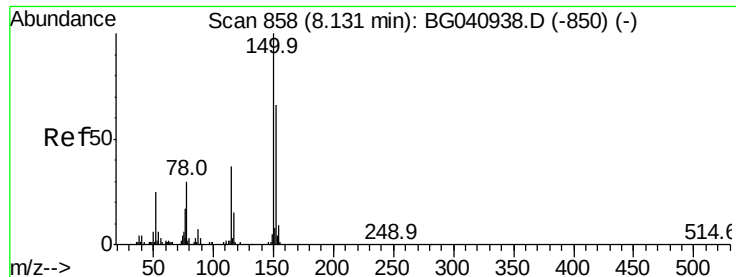
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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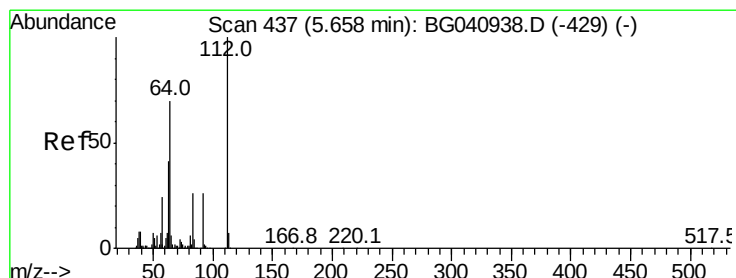
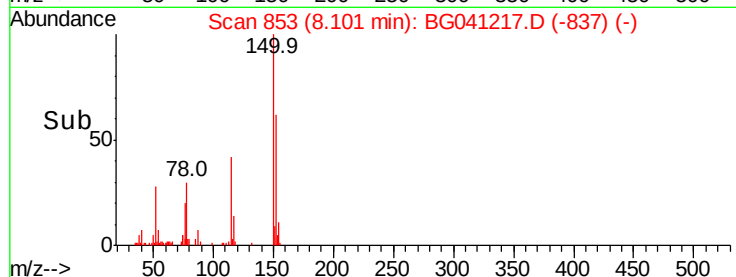
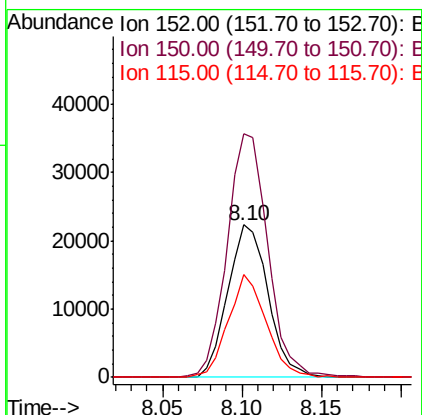
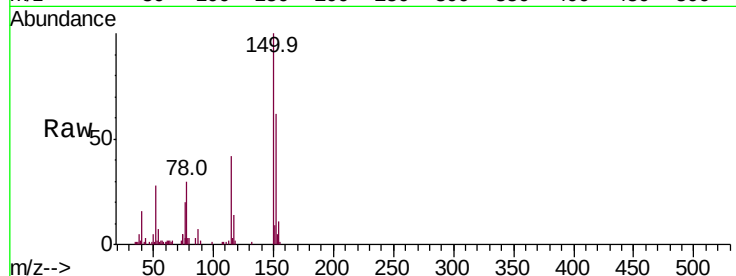


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Instrument :
BNA_G
ClientSampleId :
25082-2022

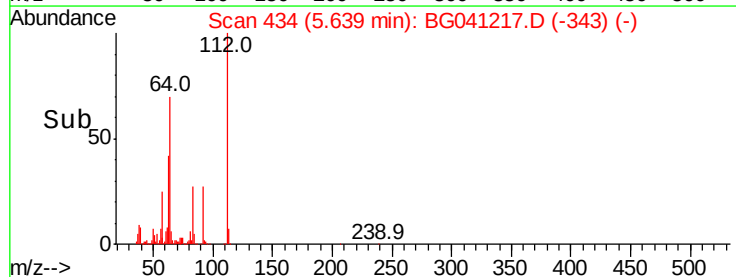
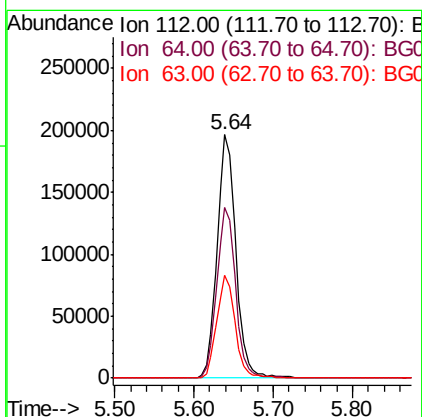
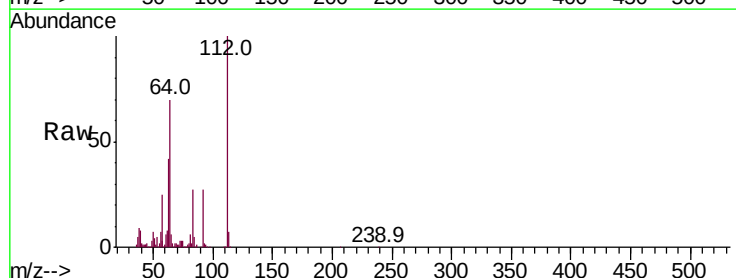
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	120.6	180.8
115	67.6	45.1	67.7

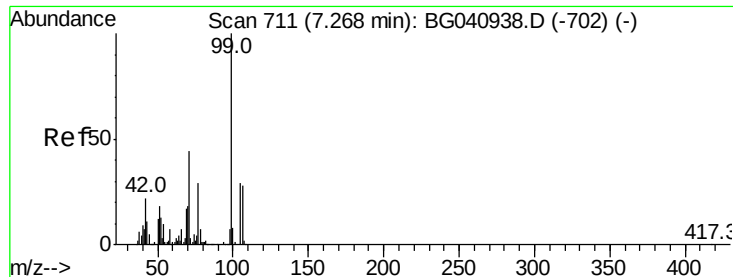


#5

2-Fluorophenol
Concen: 148.406 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.2	84.2
63	42.4	32.8	49.2





#7

Phenol-d6

Concen: 144.481 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

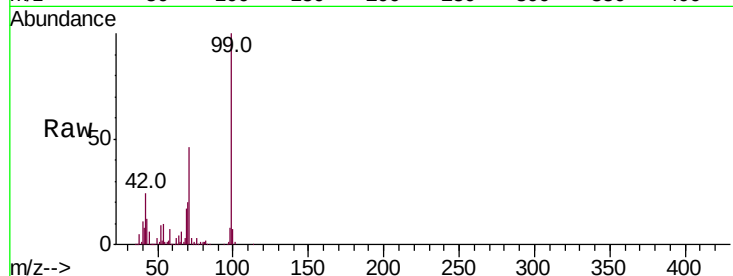
Tot Ion: 99 Resp: 484207

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

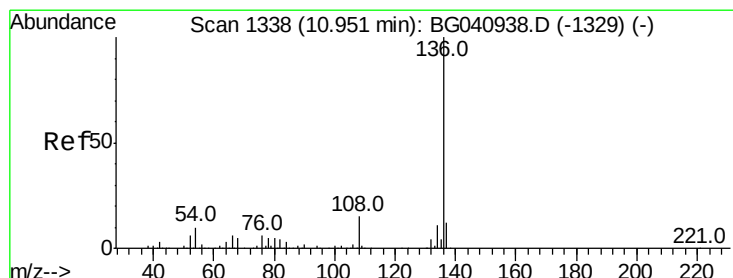
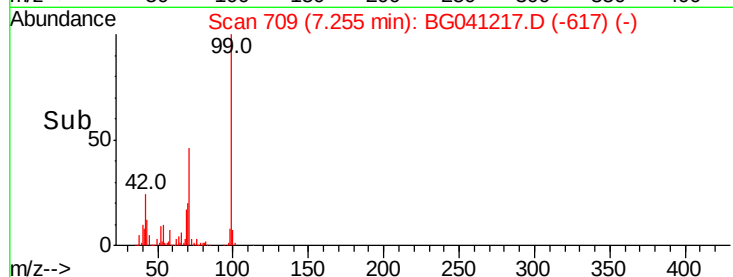
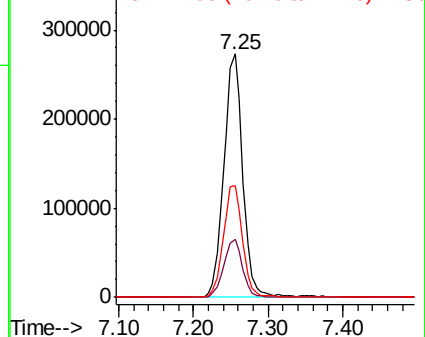
71 46.1 35.4 53.0



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: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Tgt Ion: 136 Resp: 171771

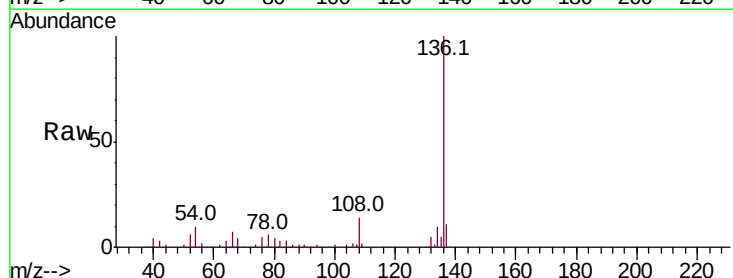
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 9.7 7.6 11.4

68 3.8 3.9 5.9#

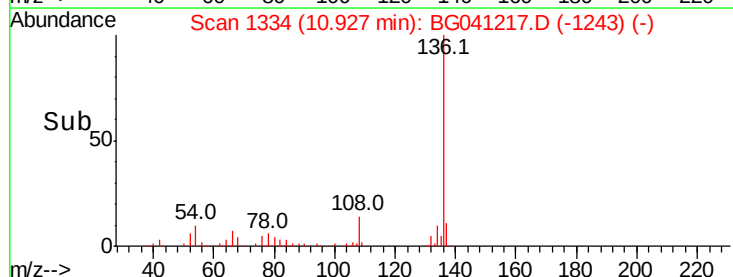
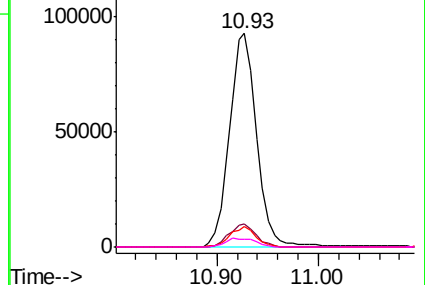


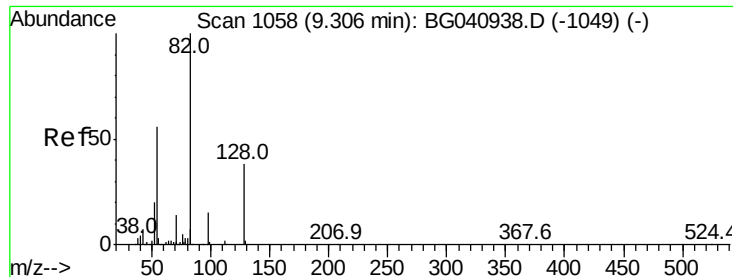
Abundance Ion 136.00 (135.70 to 136.70): E

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

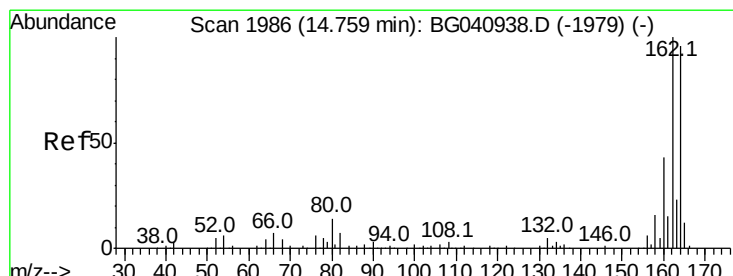
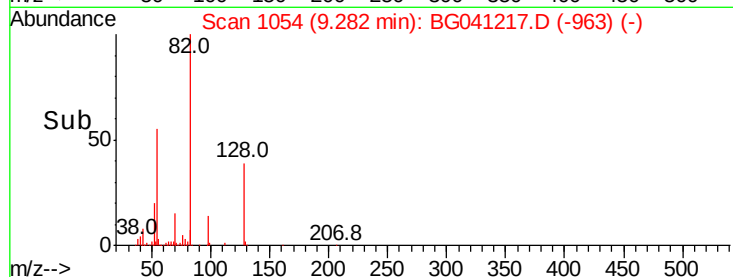
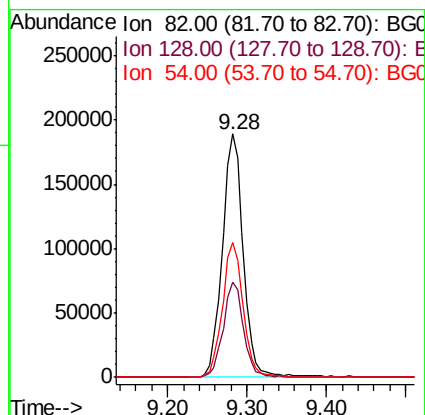
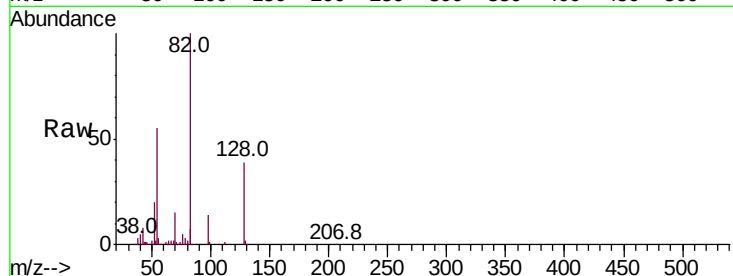




#23
 Nitrobenzene-d5
 Concen: 89.141 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041217.D
 Acq: 12 Jun 2019 22:01

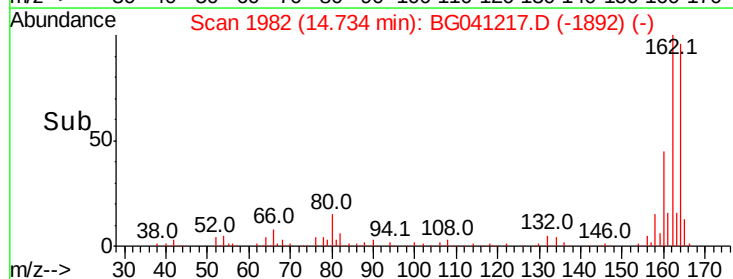
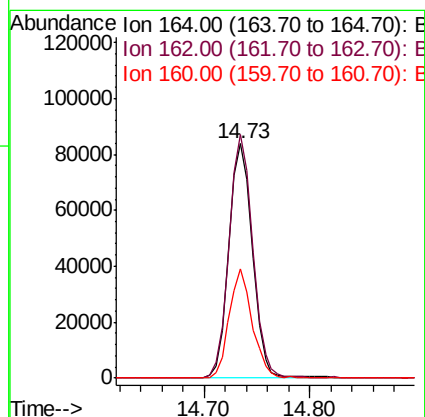
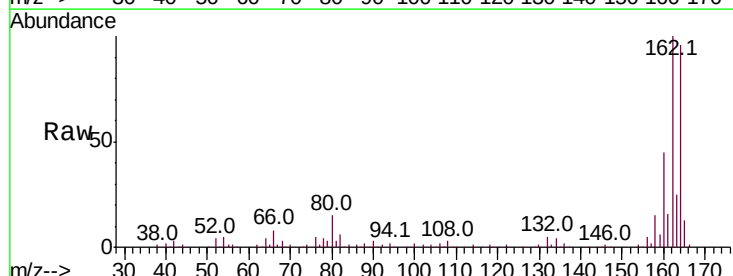
Instrument :
 BNA_G
 ClientSampleId :
 25082-2022

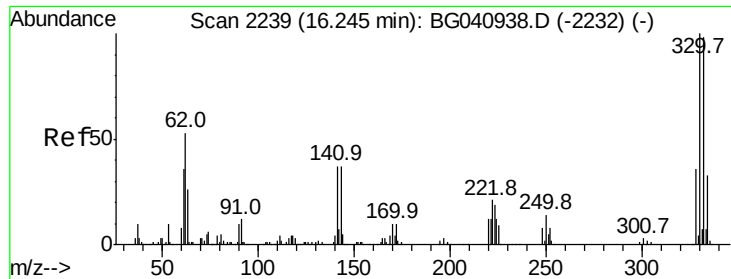
Tot Ion	82	Resp	344910
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.5	45.7
54	55.2	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041217.D
 Acq: 12 Jun 2019 22:01

Tgt Ion	164	Resp	129636
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.0	124.4
160	46.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 129.786 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

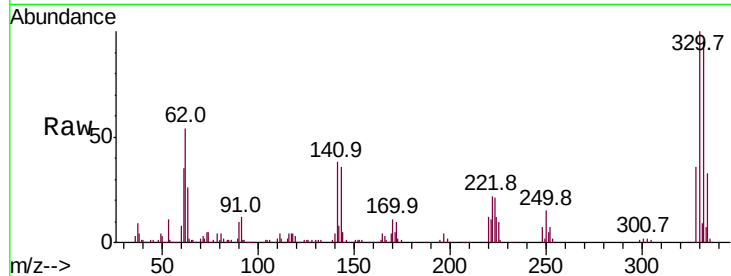
Tot Ion:330 Resp: 249778

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

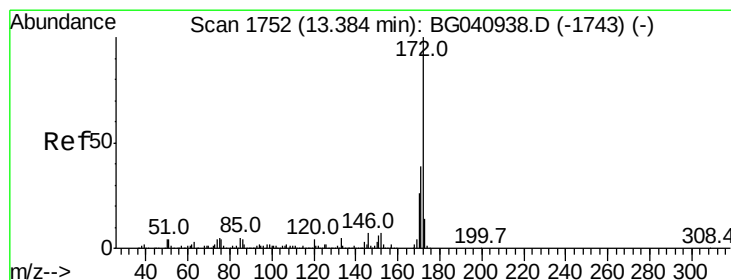
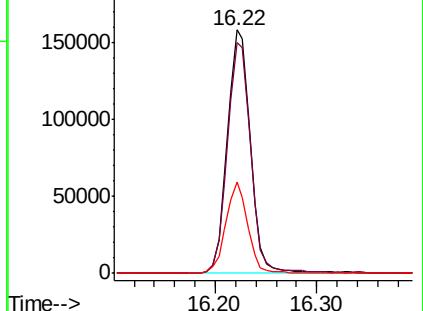
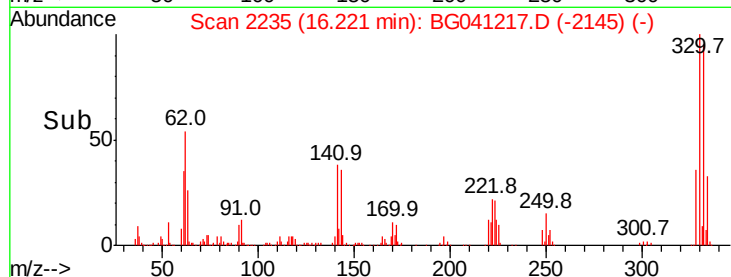
141 35.6 28.7 43.1



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



#45

2-Fluorobiphenyl

Concen: 73.730 ng

RT: 13.36 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

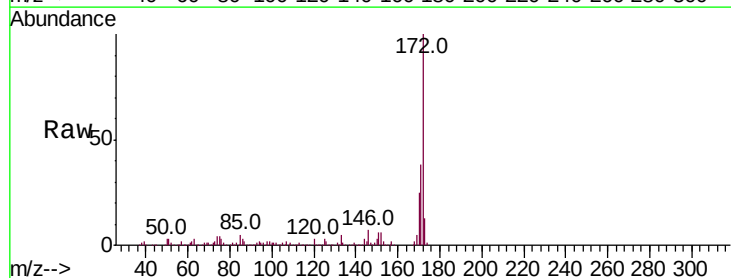
Tgt Ion:172 Resp: 663706

Ion Ratio Lower Upper

172 100

171 37.8 31.1 46.7

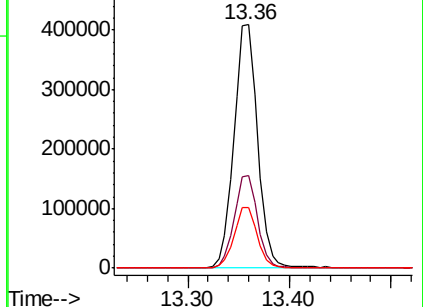
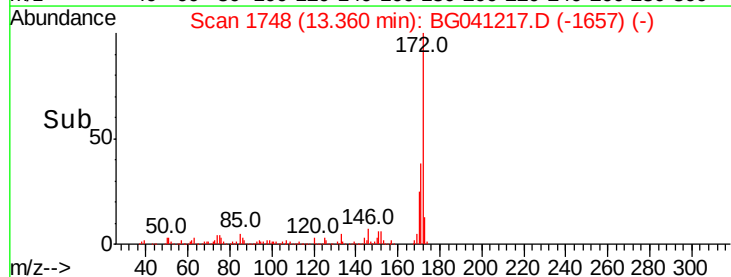
170 25.0 20.5 30.7

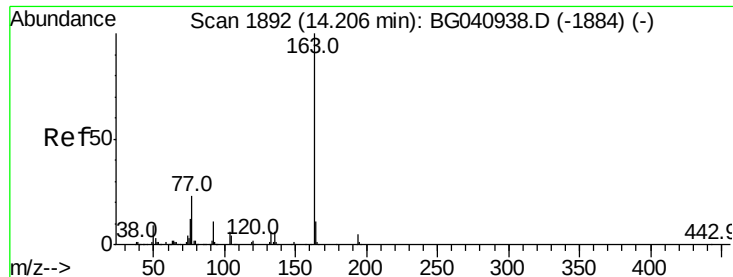


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 22.613 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

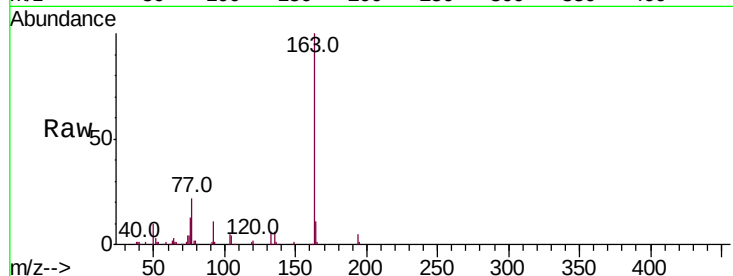
Tot Ion:163 Resp: 248150

Ion Ratio Lower Upper

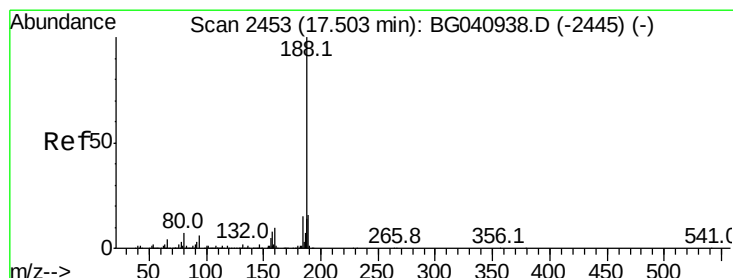
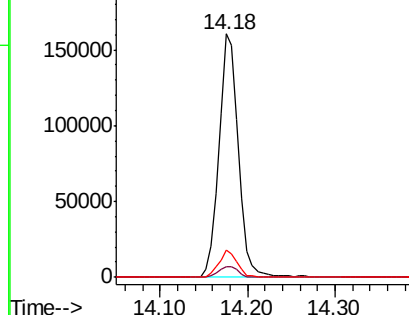
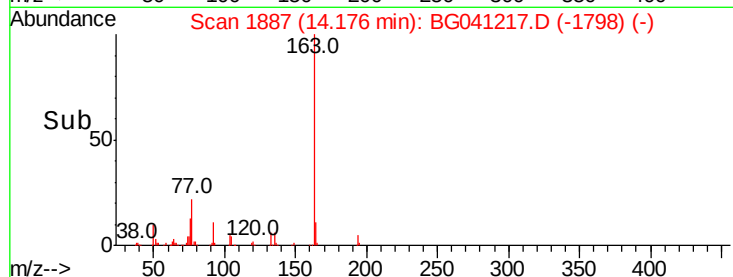
163 100

194 4.6 3.8 5.8

164 11.0 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

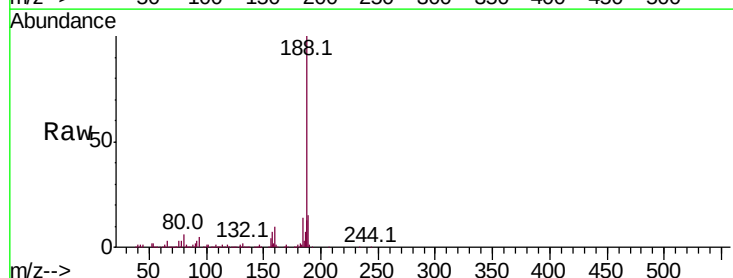
Tgt Ion:188 Resp: 297263

Ion Ratio Lower Upper

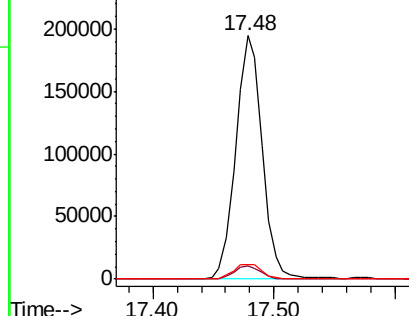
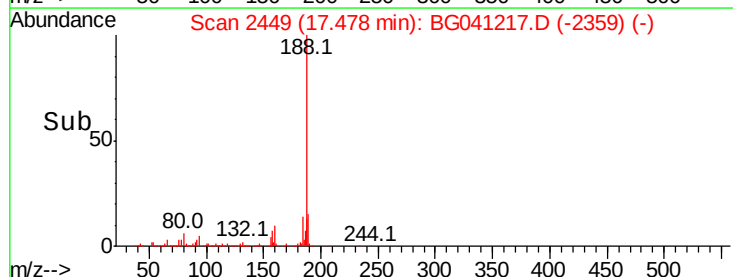
188 100

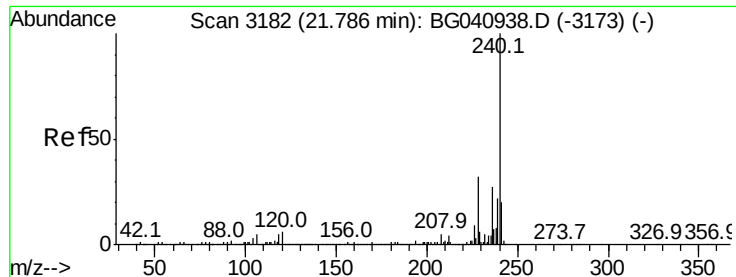
94 5.3 4.7 7.1

80 5.8 5.8 8.8#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

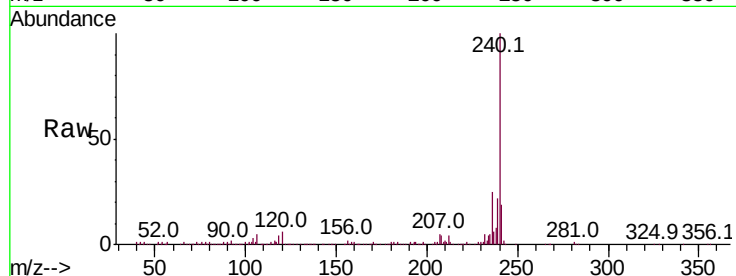
Tot Ion:240 Resp: 291182

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

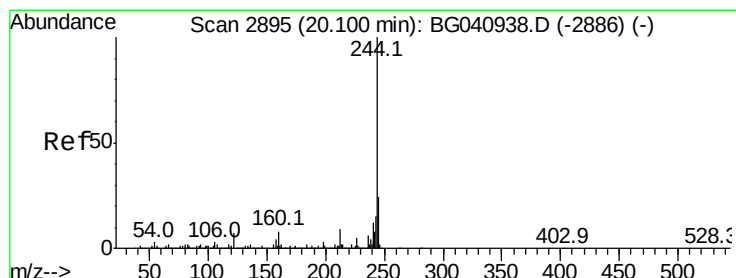
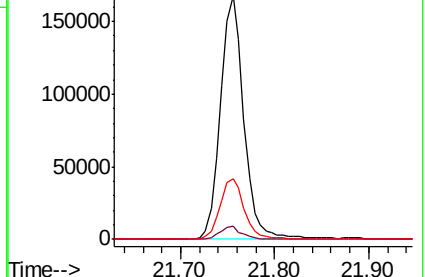
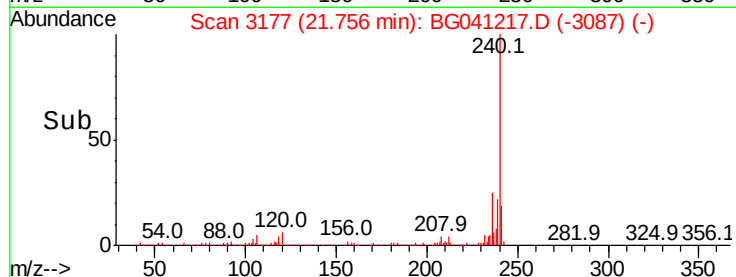
236 24.7 21.3 31.9



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



#79

Terphenyl-d14

Concen: 84.252 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

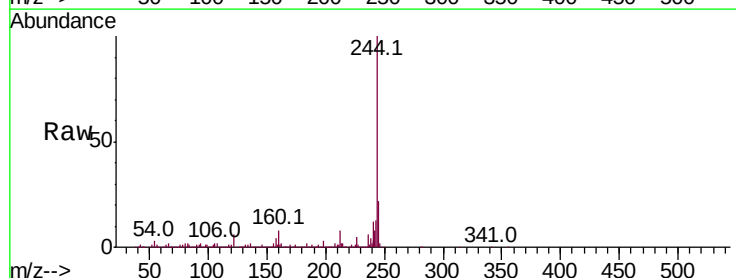
Tgt Ion:244 Resp: 1155923

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

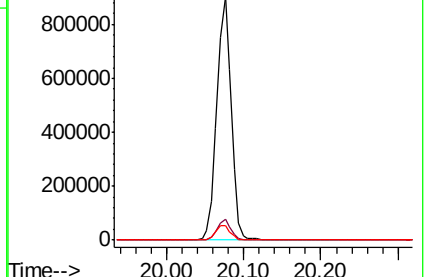
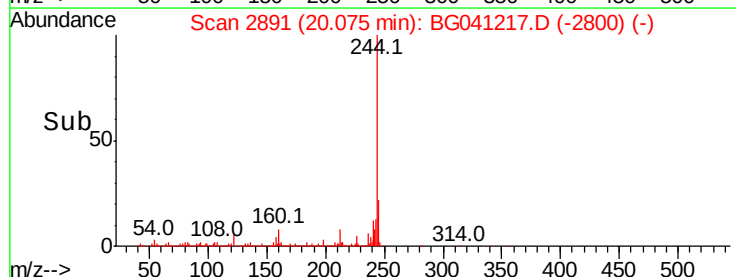
122 6.2 5.4 8.0

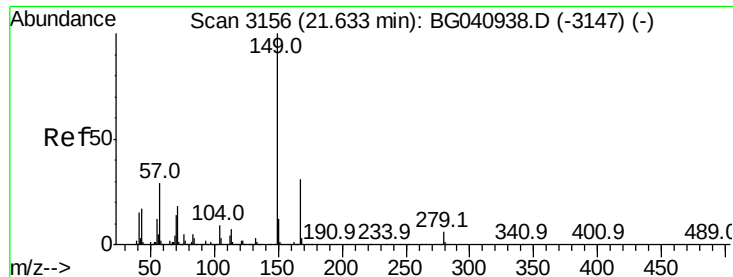


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.754 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

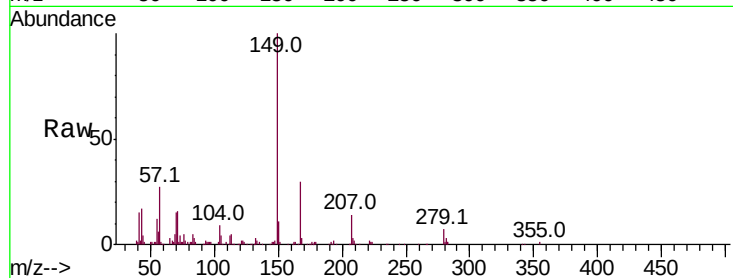
Tot Ion:149 Resp: 70039

Ion Ratio Lower Upper

149 100

167 29.9 24.6 37.0

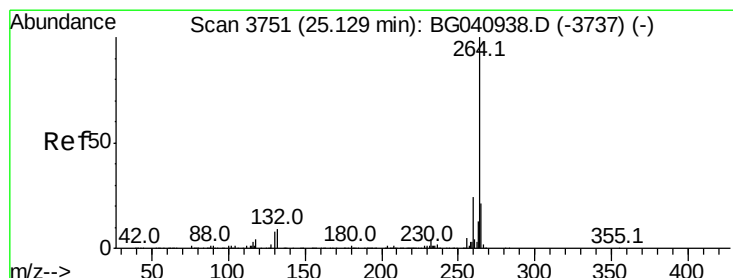
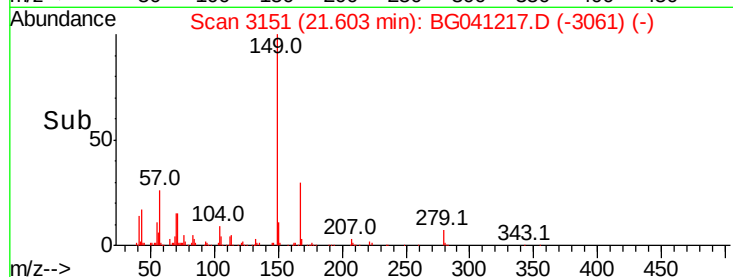
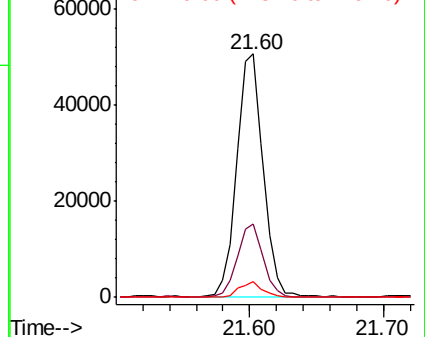
279 6.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

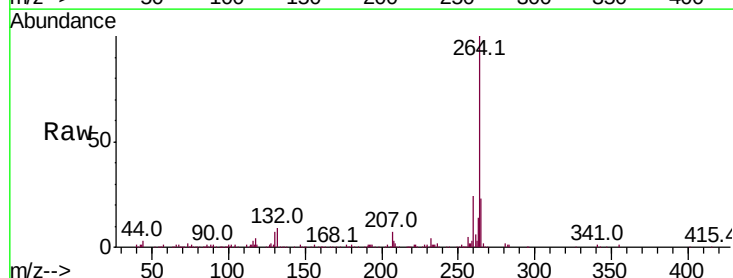
Tgt Ion:264 Resp: 294168

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 23.0 17.0 25.4



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

