

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039675.D
 Acq On : 1 Mar 2019 00:50
 Operator : JU/SJ
 Sample : K1650-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Quant Time: Mar 01 07:02:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

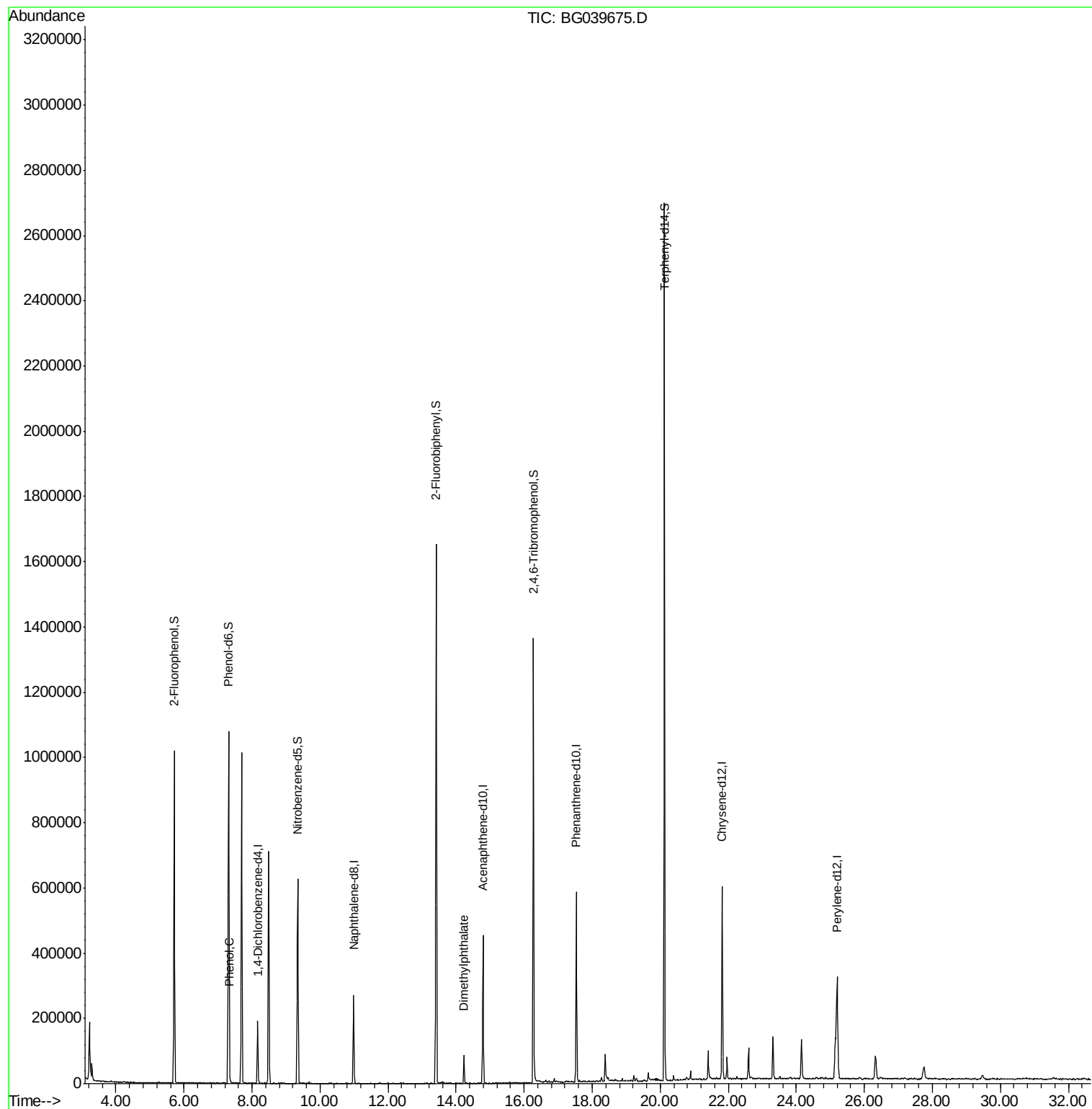
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	51834	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	232151	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	156089	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	365462	20.00	ng	0.00
76) Chrysene-d12	21.82	240	369079	20.00	ng	0.00
87) Perylene-d12	25.20	264	371585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	437822	144.56	ng	0.00
7) Phenol-d6	7.31	99	624498	140.09	ng	0.00
23) Nitrobenzene-d5	9.34	82	373874	100.61	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	244262	145.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	879091	80.79	ng	0.00
79) Terphenyl-d14	20.12	244	1247568	71.55	ng	0.00
Target Compounds						
10) Phenol	7.34	94	10718	2.306	ng	89
50) Dimethylphthalate	14.23	163	62320	4.944	ng	# 97

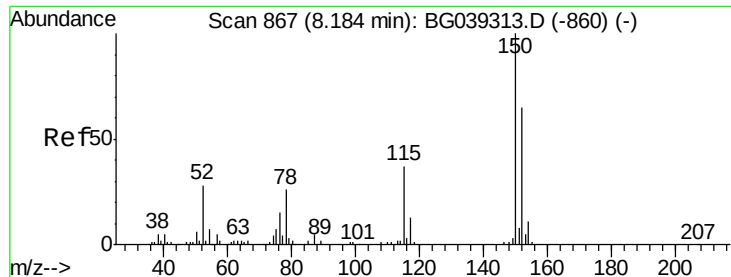
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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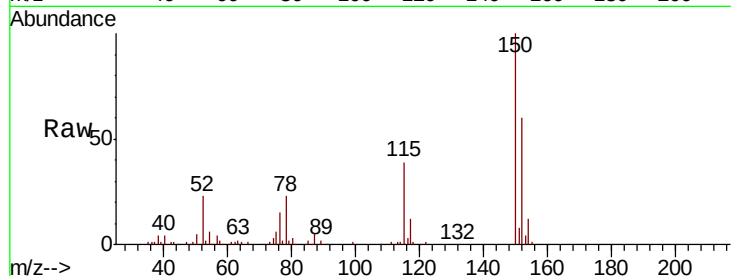


#1

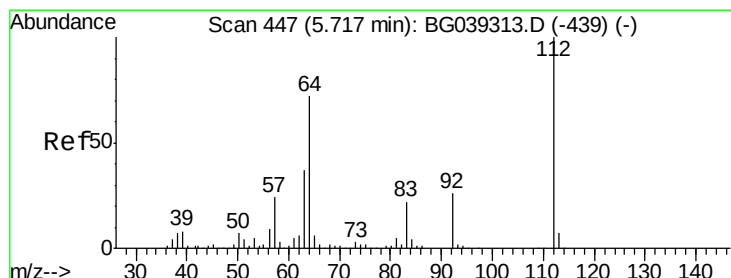
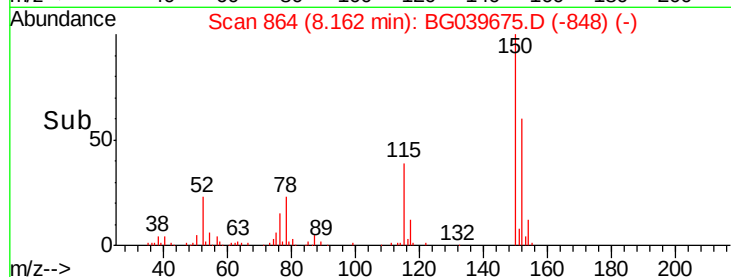
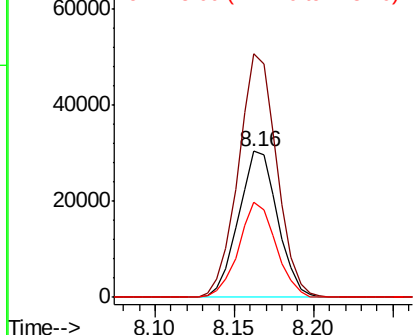
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tot Ion:152 Resp: 51834
Ion Ratio Lower Upper
152 100
150 166.6 123.7 185.5
115 65.5 45.9 68.9



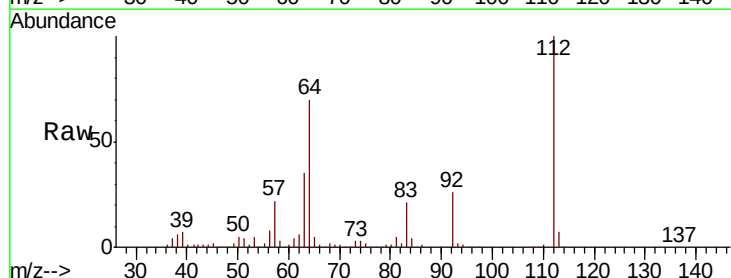
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



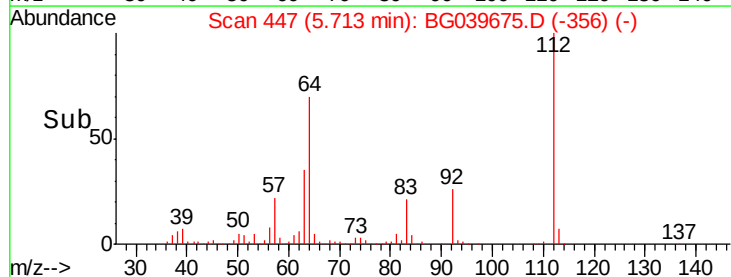
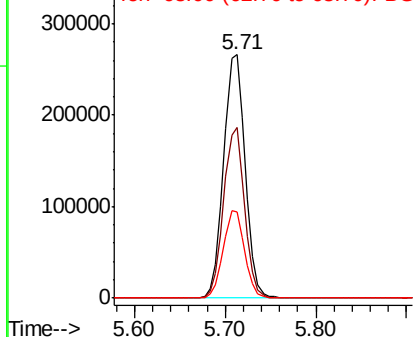
#5

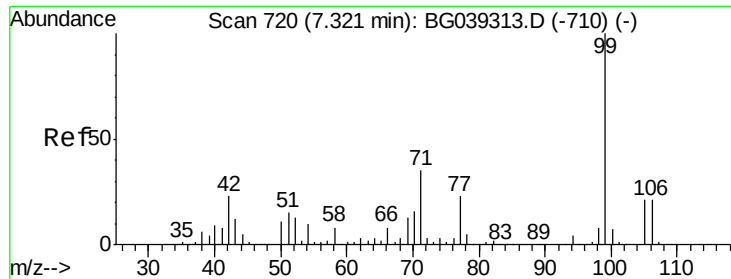
2-Fluorophenol
Concen: 144.565 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:112 Resp: 437822
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 35.2 29.8 44.6



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: 140.086 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

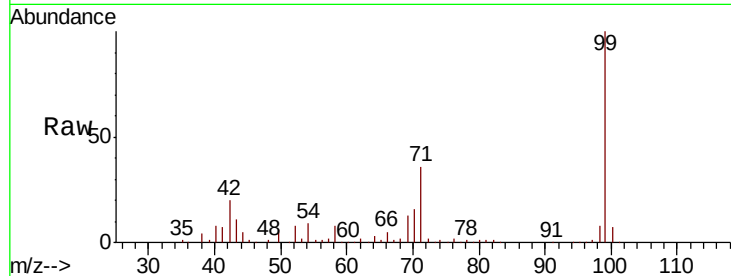
Tot Ion: 99 Resp: 624498

Ion Ratio Lower Upper

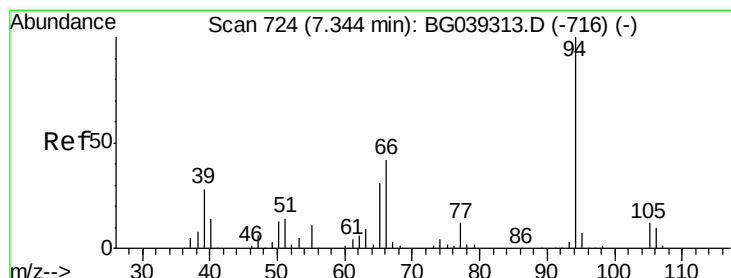
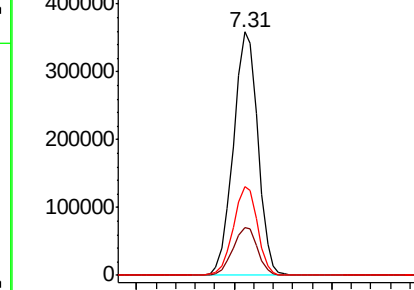
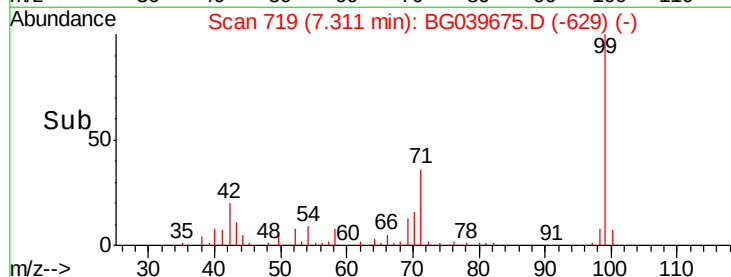
99 100

42 19.7 18.2 27.2

71 36.5 28.0 42.0



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



#10

Phenol

Concen: 2.306 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

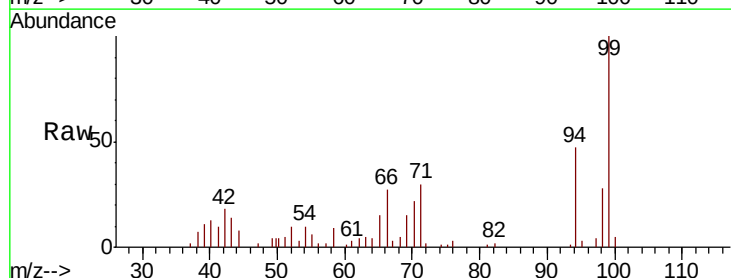
Tgt Ion: 94 Resp: 10718

Ion Ratio Lower Upper

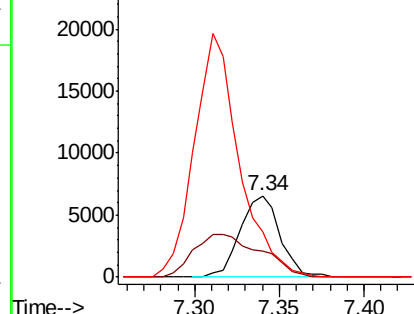
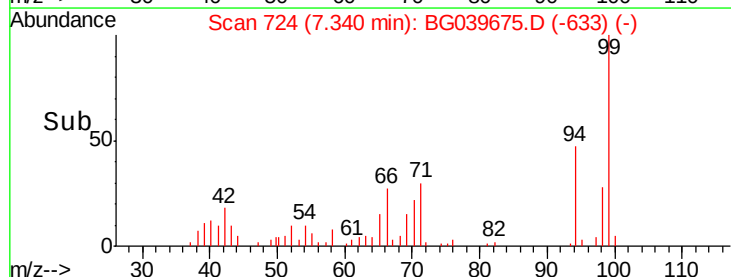
94 100

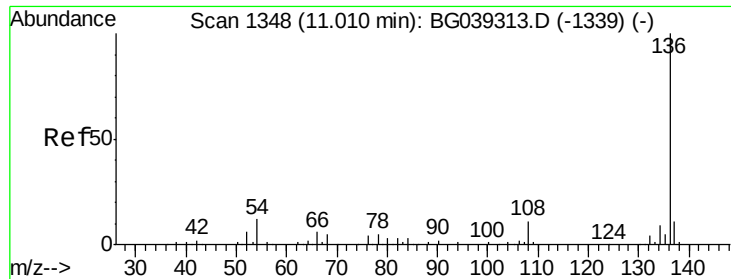
65 31.6 11.7 51.7

66 56.2 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

Tot Ion:136 Resp: 232151

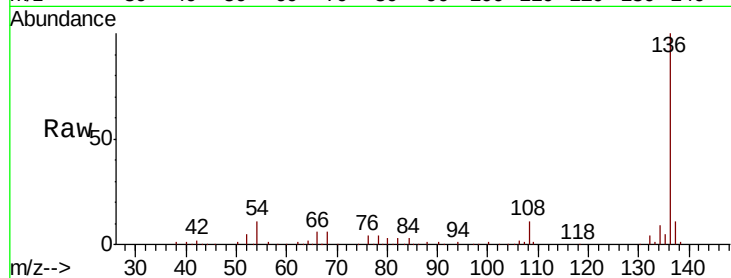
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.2 9.4 14.2

68 6.1 4.2 6.4

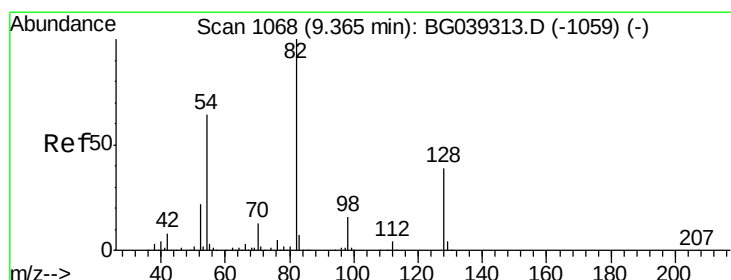
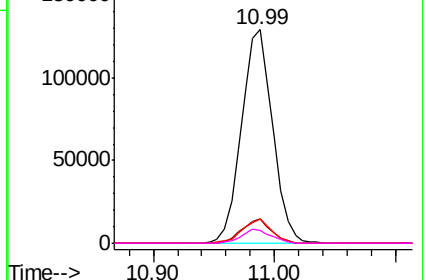
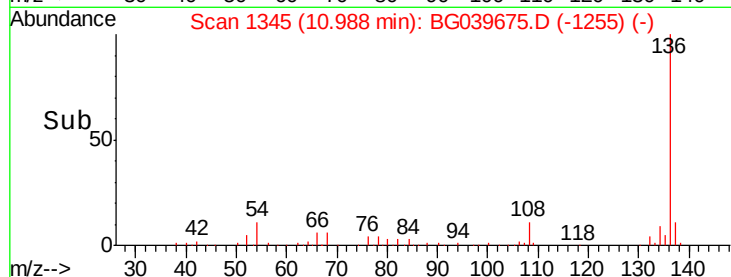


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.609 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

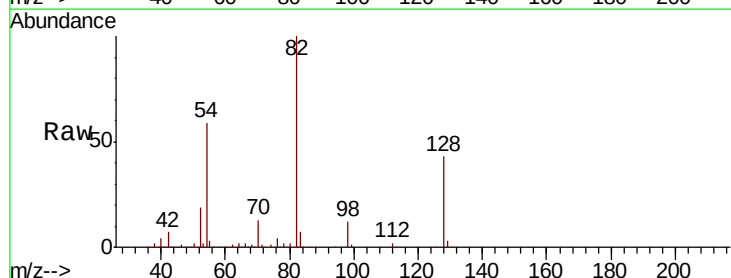
Tgt Ion: 82 Resp: 373874

Ion Ratio Lower Upper

82 100

128 43.3 31.3 46.9

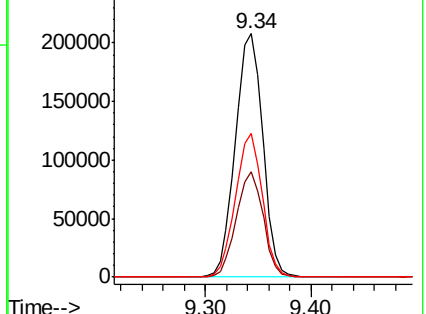
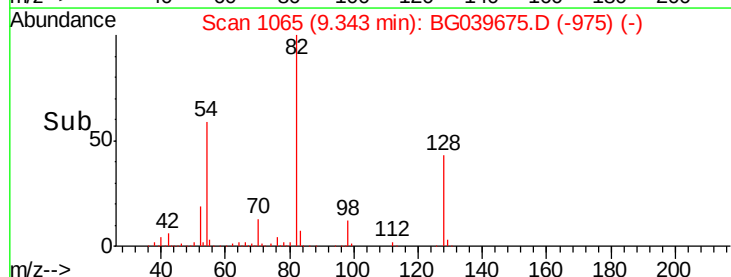
54 59.2 50.9 76.3

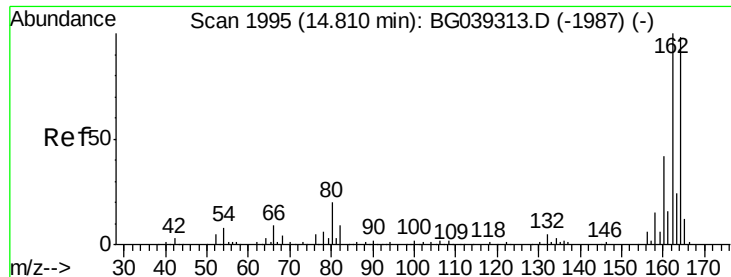


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

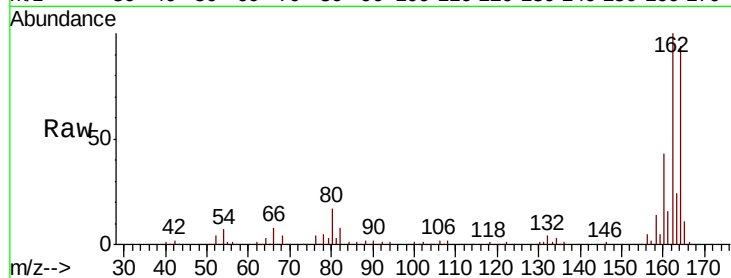
Tot Ion:164 Resp: 156089

Ion Ratio Lower Upper

164 100

162 106.0 81.6 122.4

160 45.1 34.2 51.2

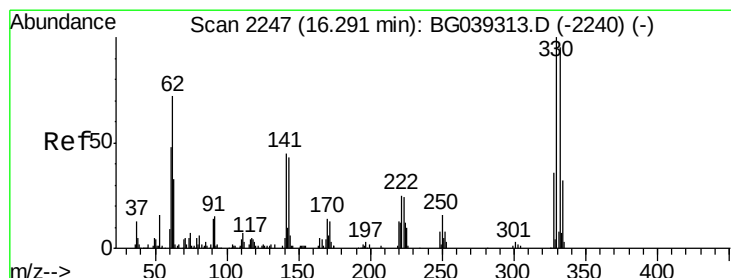
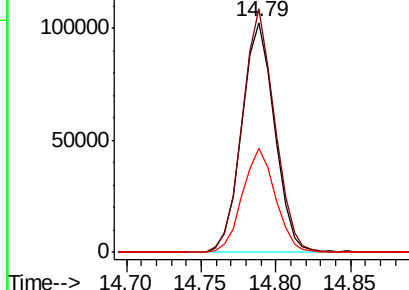
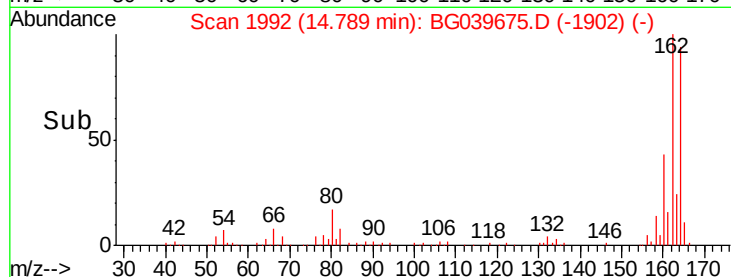


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 145.324 ng

RT: 16.27 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

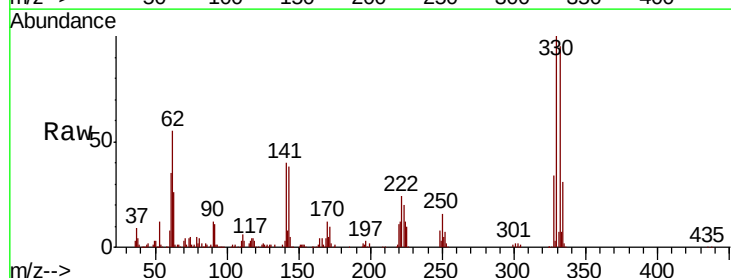
Tgt Ion:330 Resp: 244262

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

141 40.6 35.6 53.4

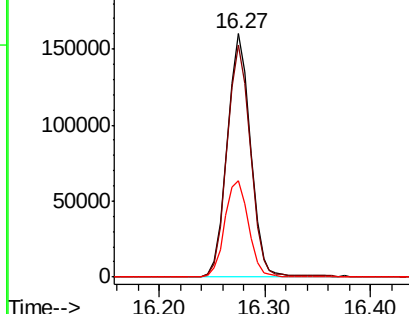
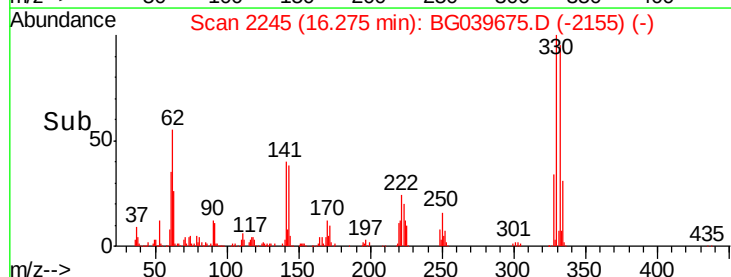


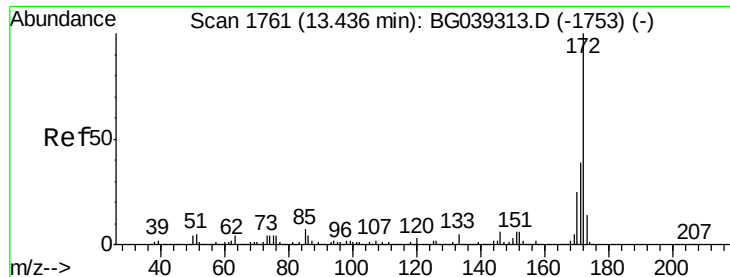
Abundance

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

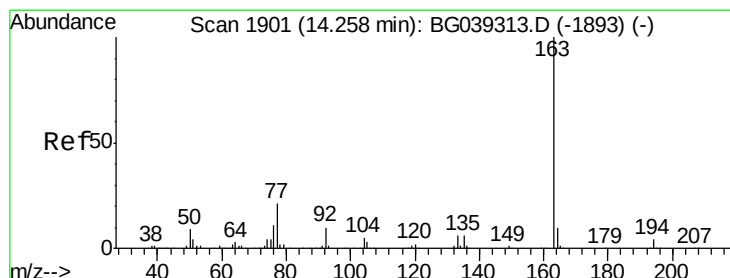
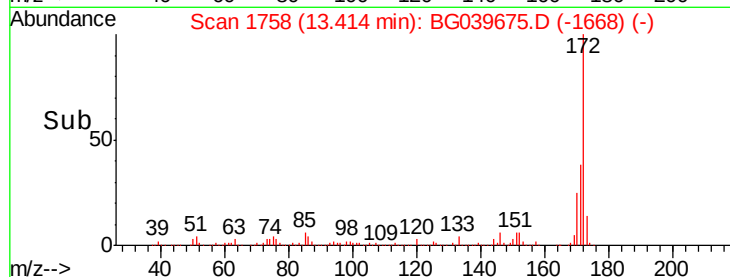
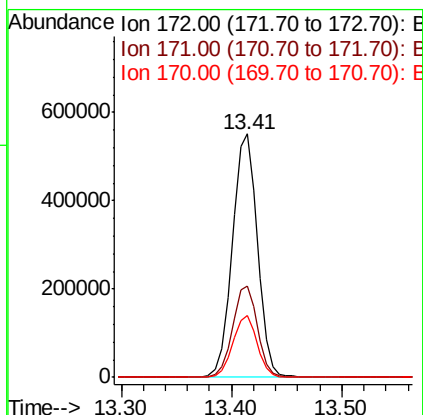
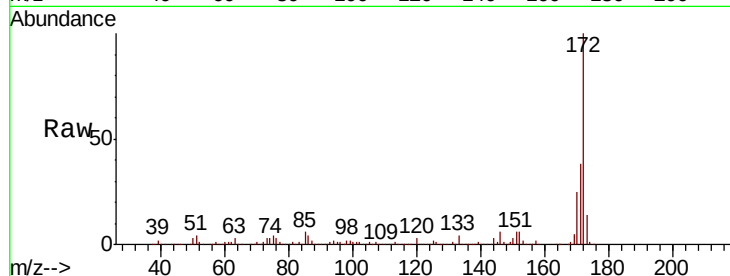




#45
2-Fluorobiphenyl
Concen: 80.794 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

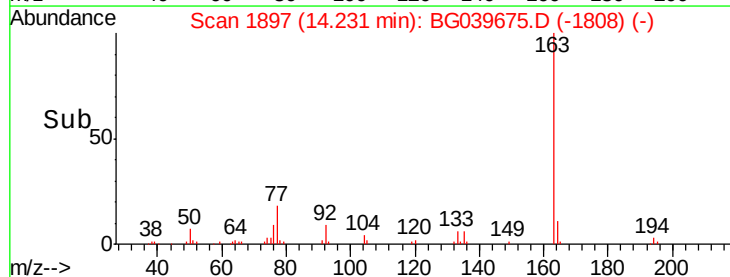
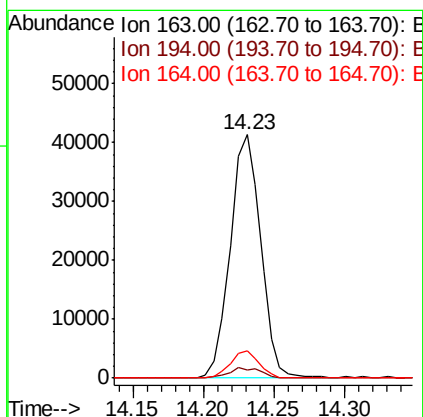
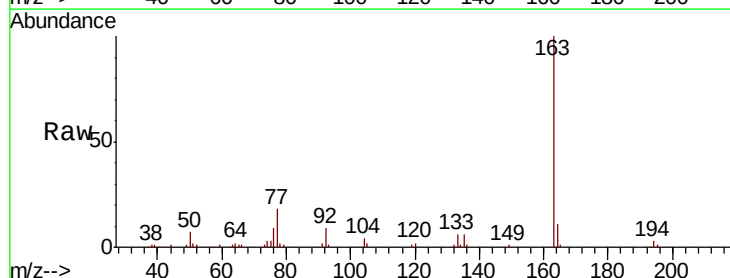
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

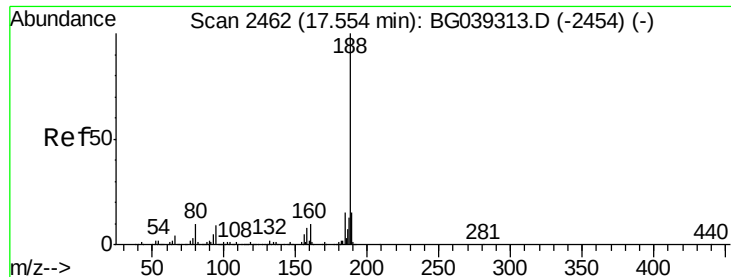
Tot Ion:172 Resp: 879091
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 25.2 20.2 30.4



#50
Dimethylphthalate
Concen: 4.944 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:163 Resp: 62320
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 11.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

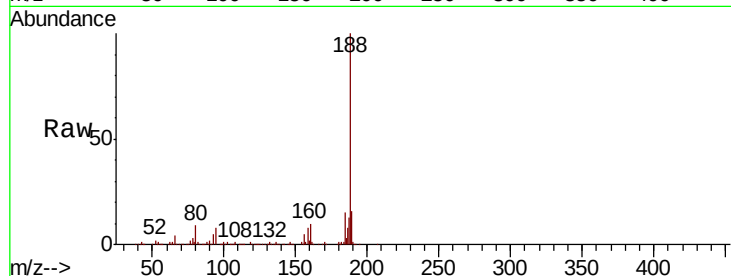
Tot Ion:188 Resp: 365462

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 8.7 8.1 12.1



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

300000

250000

200000

150000

100000

50000

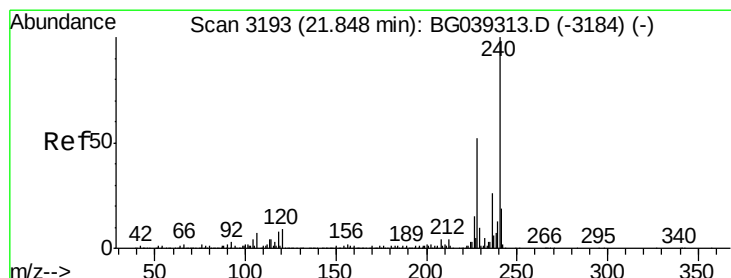
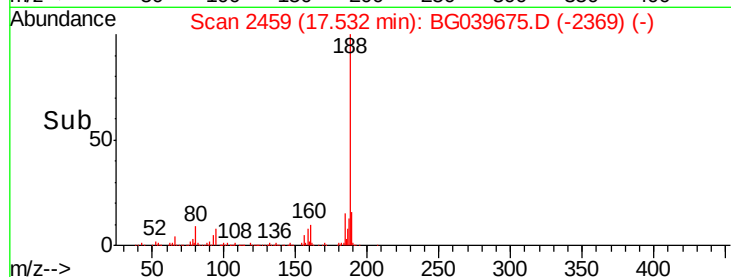
0

17.53

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

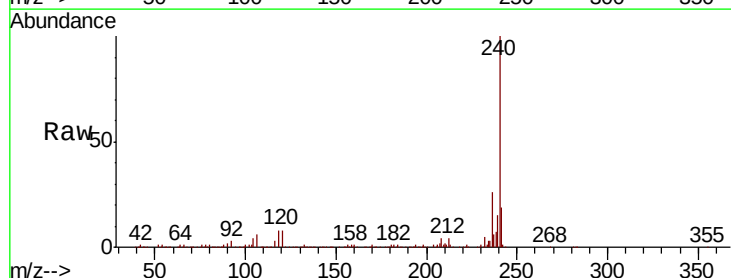
Tgt Ion:240 Resp: 369079

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

236 26.4 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

300000

250000

200000

150000

100000

50000

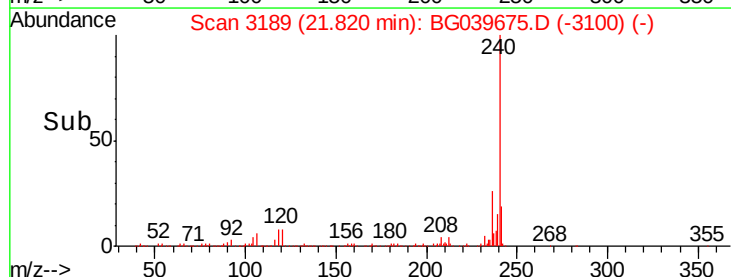
0

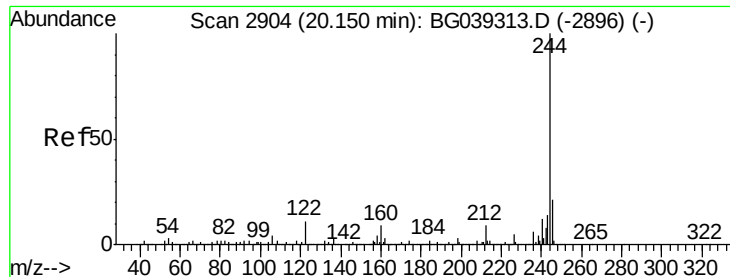
21.82

21.70

21.90

Time-->





#79

Terphenyl-d14

Concen: 71.549 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

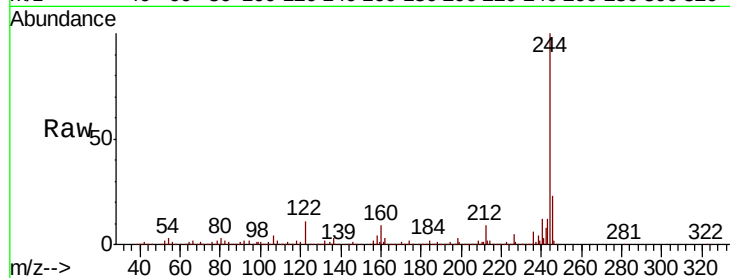
Tot Ion:244 Resp: 1247568

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

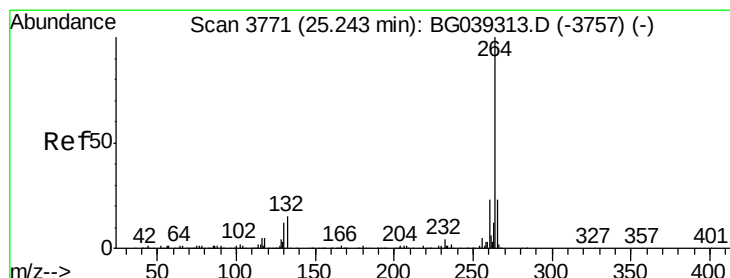
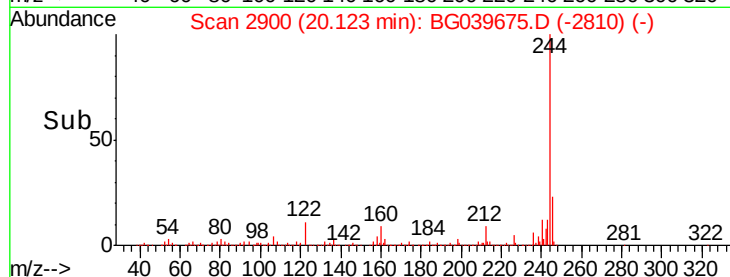
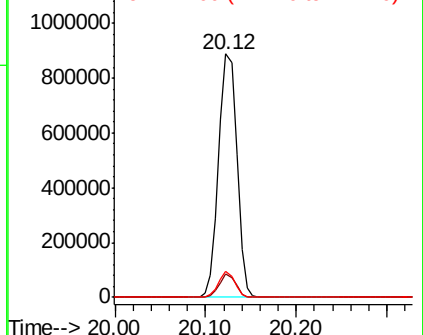
122 10.5 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.00 min

Lab File: BG039675.D

Acq: 1 Mar 2019 00:50

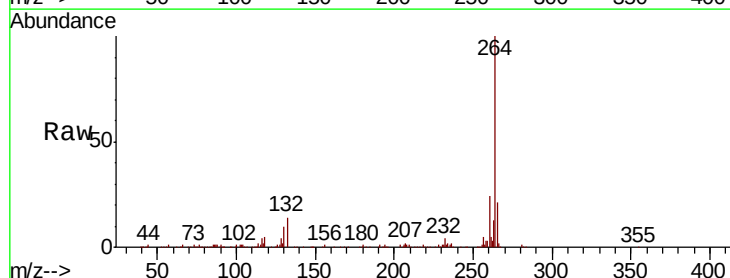
Tgt Ion:264 Resp: 371585

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 20.8 18.5 27.7



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

