

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039370.D
 Acq On : 6 Feb 2019 14:40
 Operator : JU/SJ
 Sample : K1381-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Feb 06 15:44:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

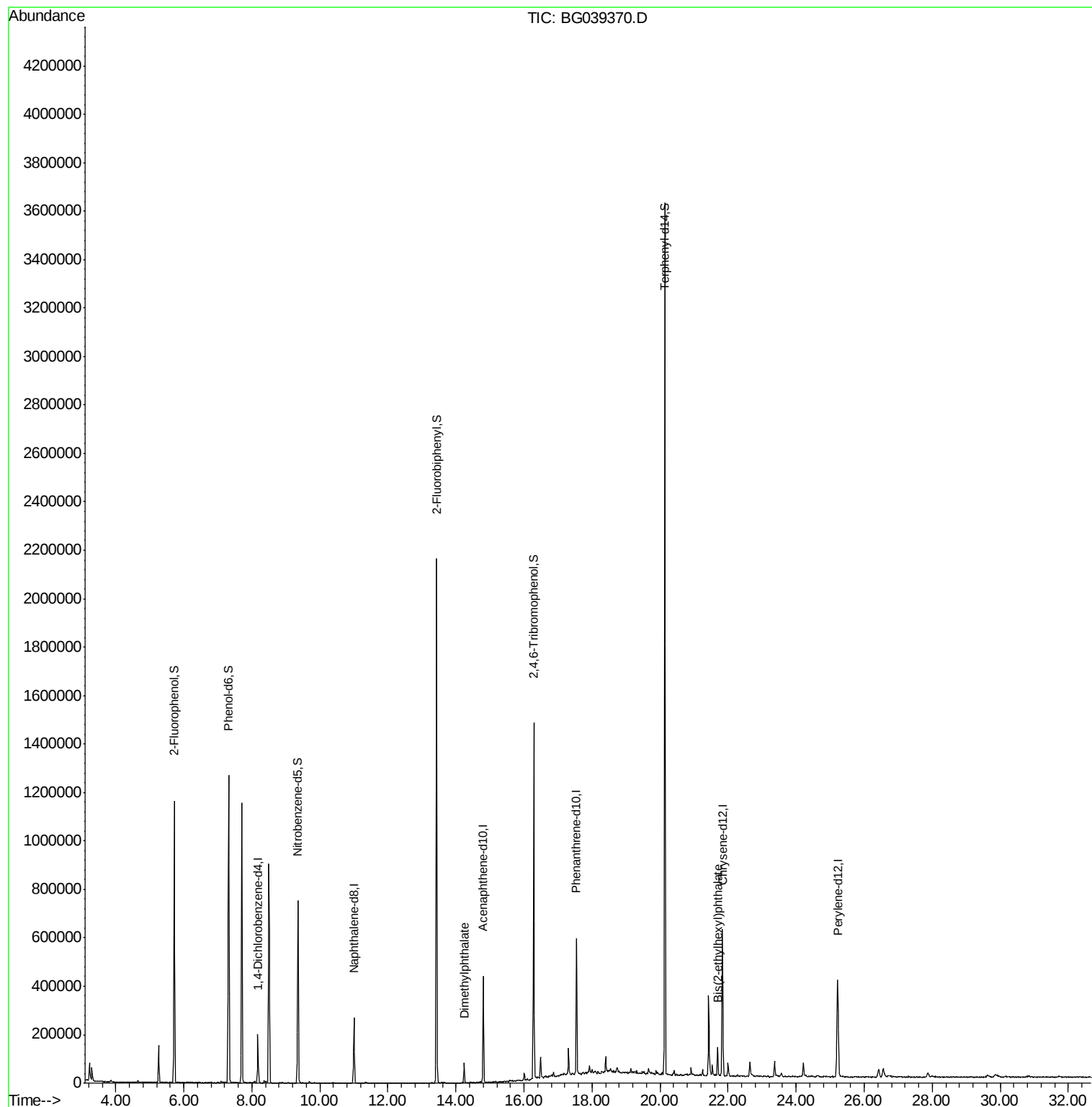
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54961	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	233156	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	155275	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	355269	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	386224	20.00	ng	-0.01
87) Perylene-d12	25.22	264	401667	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	475687	148.13	ng	0.00
7) Phenol-d6	7.31	99	741532	156.88	ng	0.00
23) Nitrobenzene-d5	9.35	82	452174	121.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	251015	150.12	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1144054	105.70	ng	0.00
79) Terphenyl-d14	20.14	244	1647800	90.31	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.25	163	55527	4.428	ng	96
84) Bis(2-ethylhexyl)phthalate	21.70	149	50805	3.511	ng	99

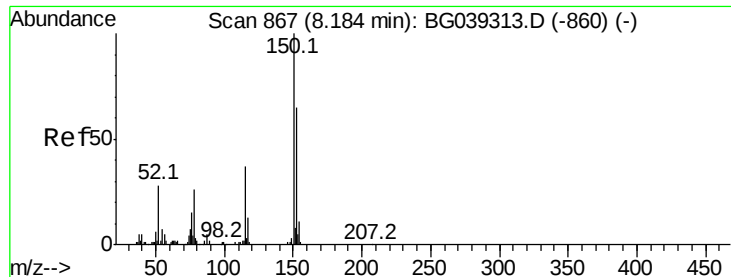
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE

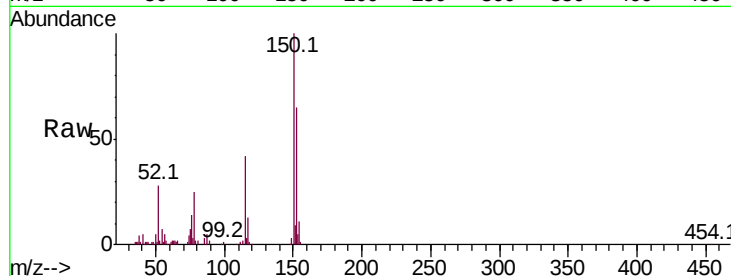
Tot Ion:152 Resp: 54961

Ion Ratio Lower Upper

152 100

150 152.9 123.7 185.5

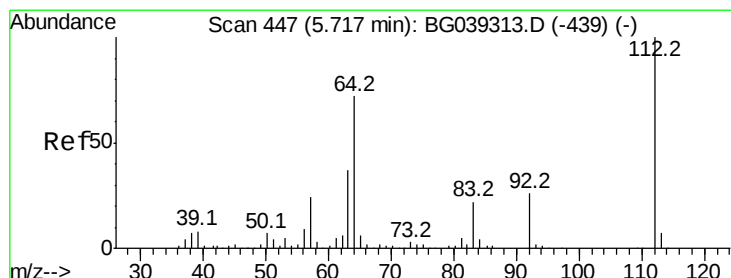
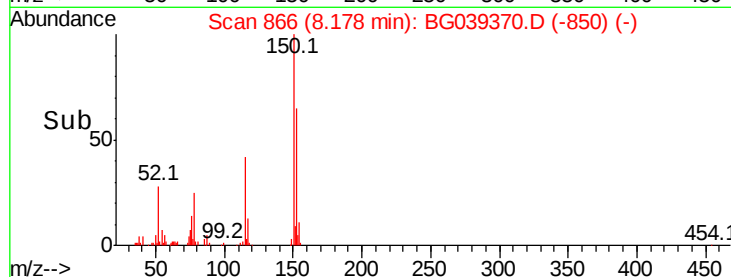
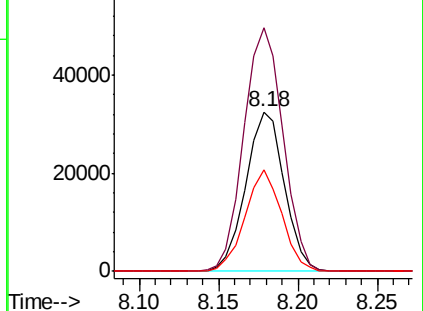
115 63.5 45.9 68.9



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: 148.131 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

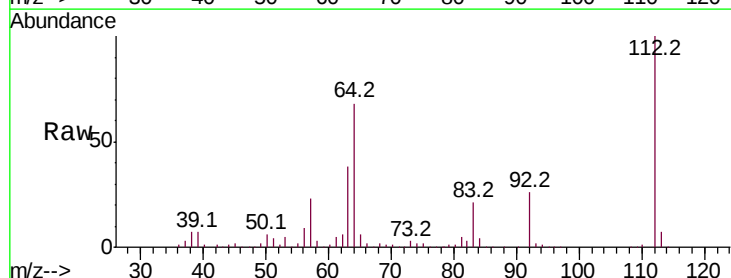
Tgt Ion:112 Resp: 475687

Ion Ratio Lower Upper

112 100

64 68.2 57.8 86.8

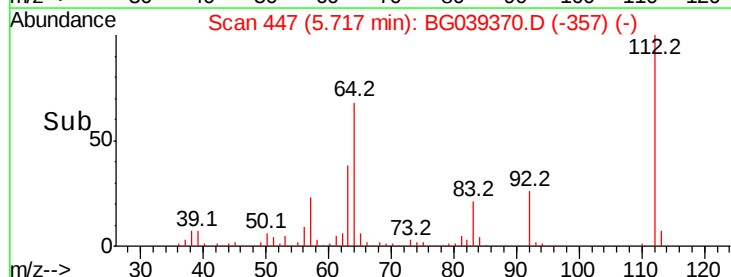
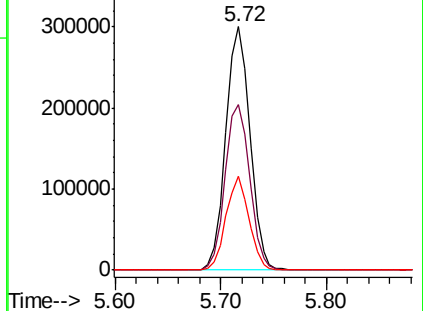
63 38.4 29.8 44.6

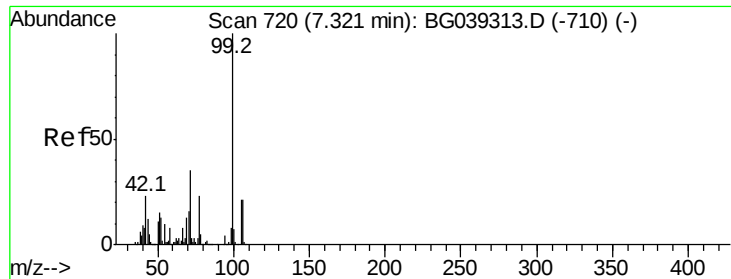


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 156.875 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Instrument :

BNA_G

ClientSampled :

CONCRETE

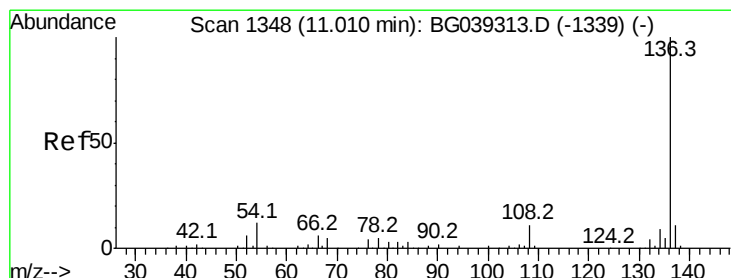
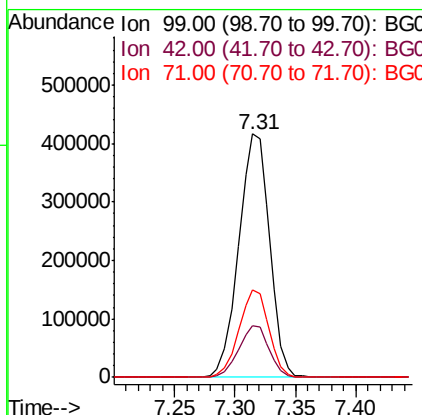
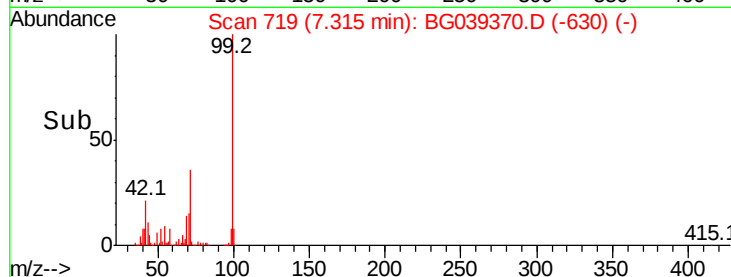
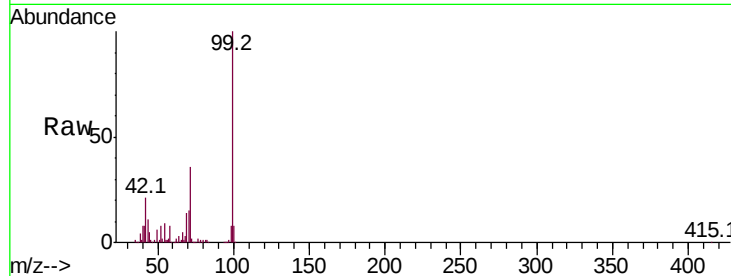
Tot Ion: 99 Resp: 741532

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.2

71 35.8 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Tgt Ion: 136 Resp: 233156

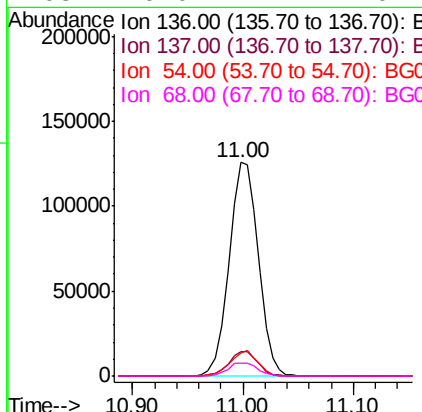
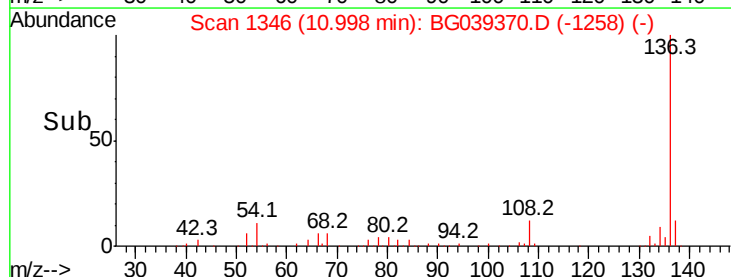
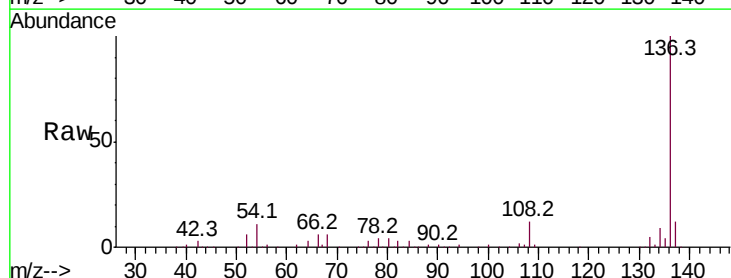
Ion Ratio Lower Upper

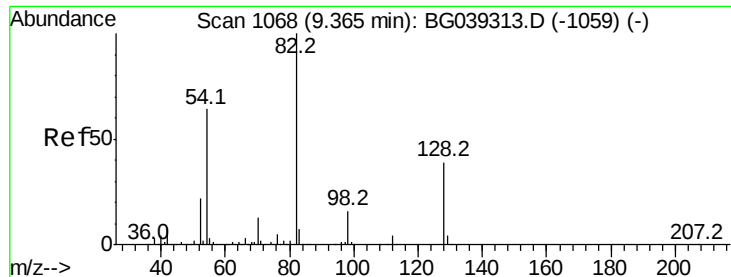
136 100

137 11.6 9.1 13.7

54 10.7 9.4 14.2

68 6.0 4.2 6.4

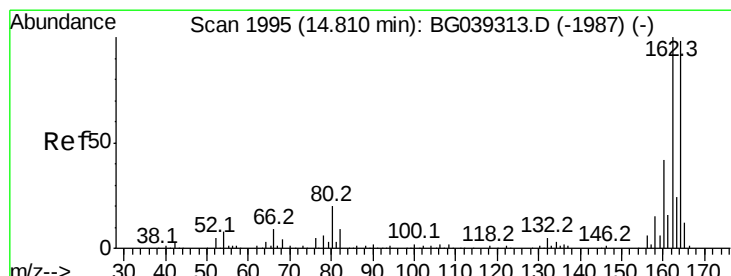
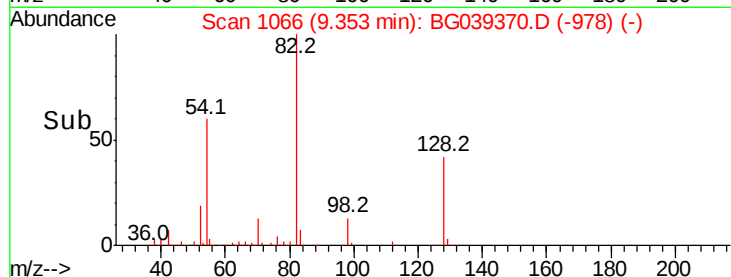
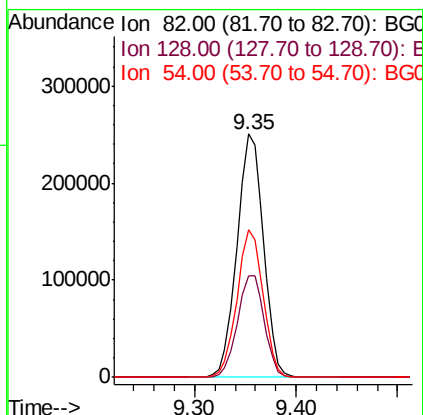
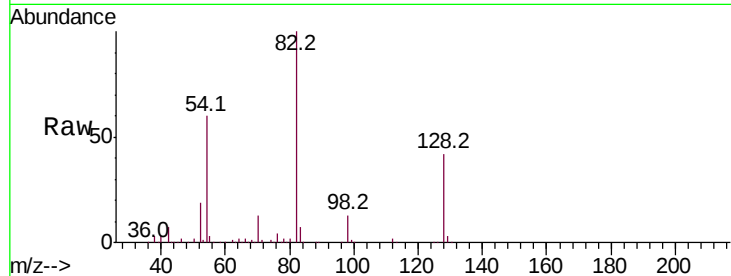




#23
 Nitrobenzene-d5
 Concen: 121.155 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039370.D
 Acq: 6 Feb 2019 14:40

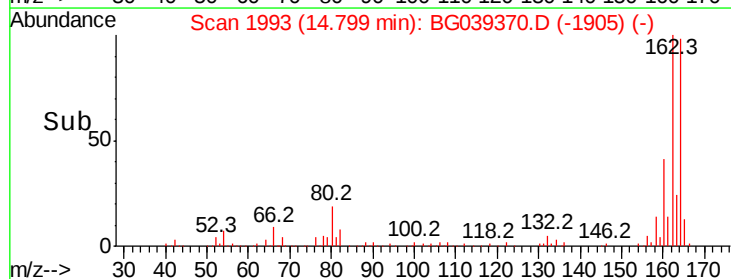
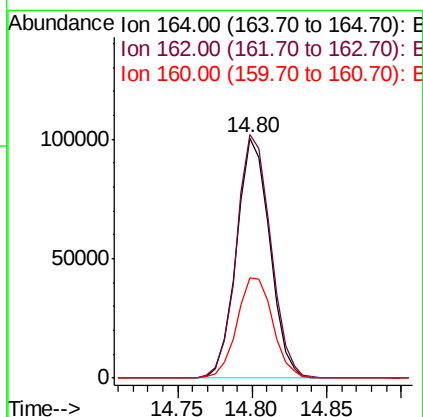
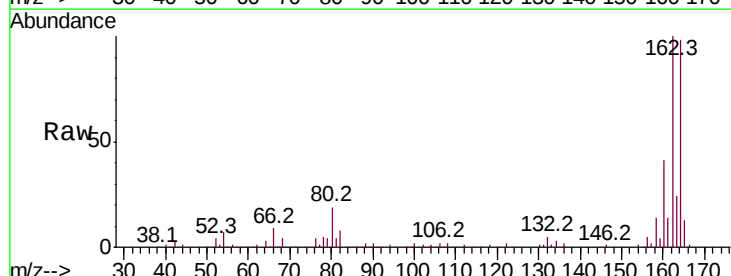
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

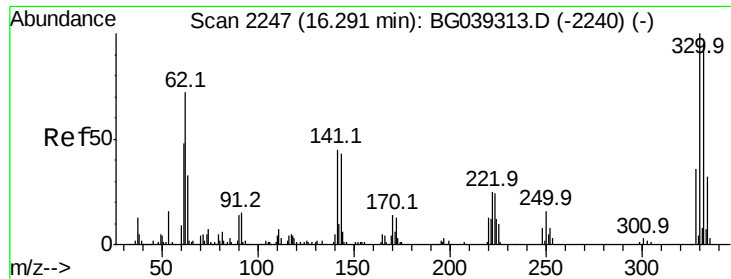
Tot Ion: 82 Resp: 452174
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.3 46.9
 54 60.4 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039370.D
 Acq: 6 Feb 2019 14:40

Tgt Ion: 164 Resp: 155275
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.6 122.4
 160 42.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 150.124 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE

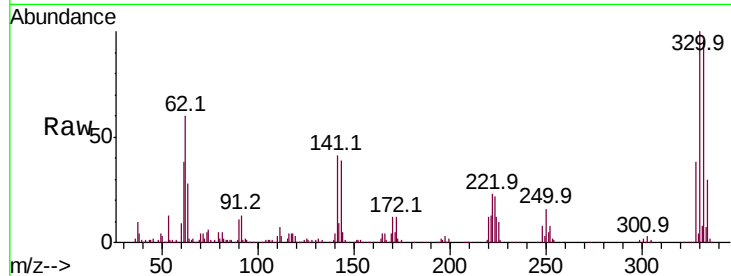
Tot Ion:330 Resp: 251015

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

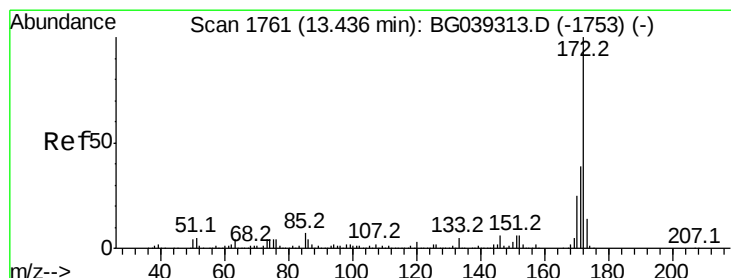
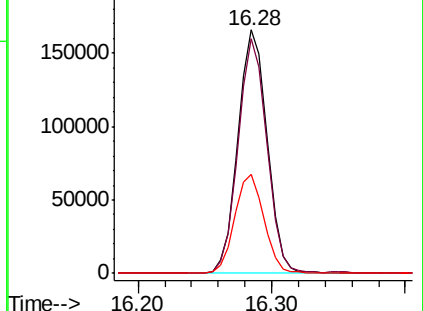
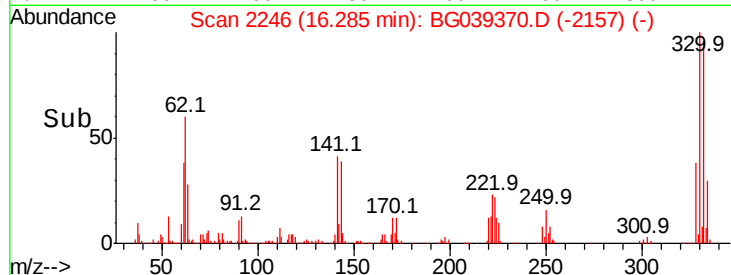
141 41.6 35.6 53.4



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: 105.697 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

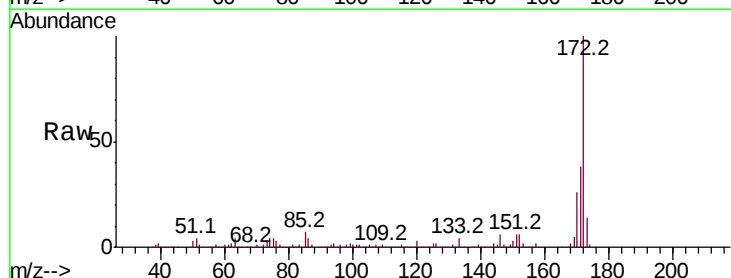
Tgt Ion:172 Resp: 1144054

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

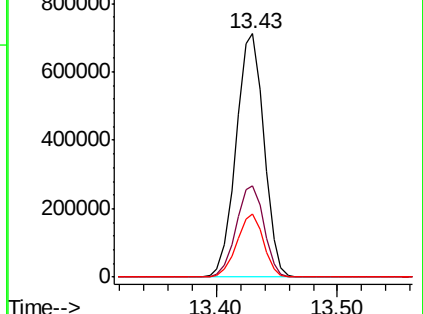
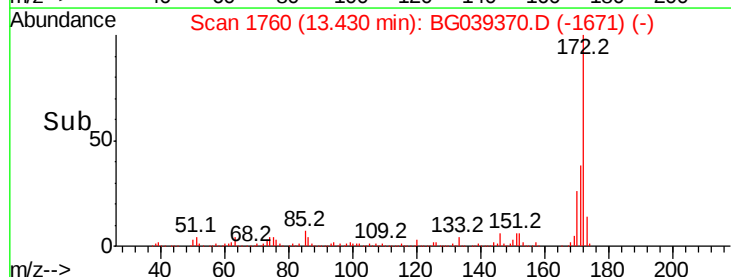
170 25.9 20.2 30.4

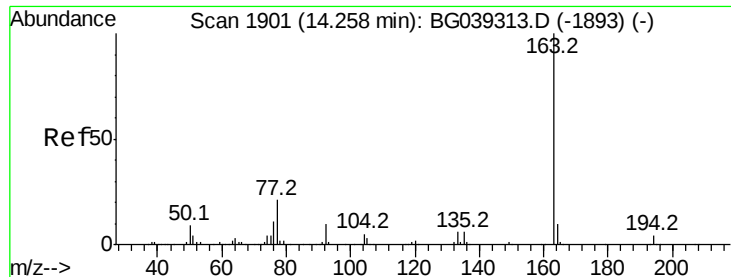


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.428 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE

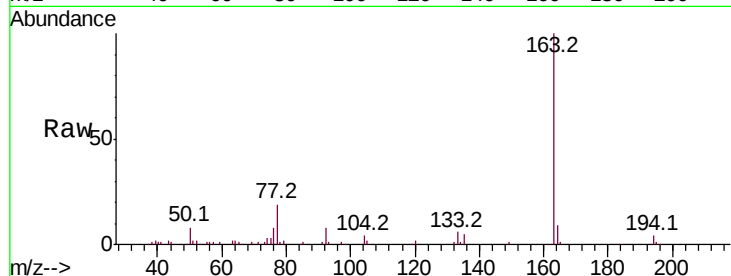
Tot Ion:163 Resp: 55527

Ion Ratio Lower Upper

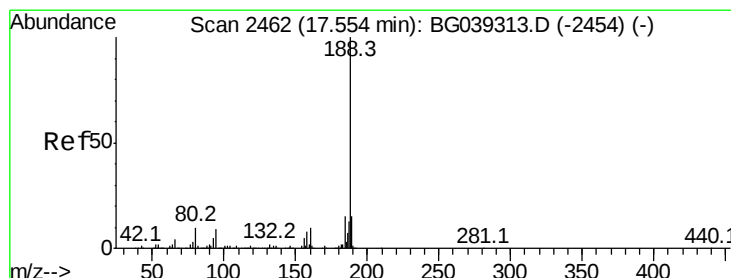
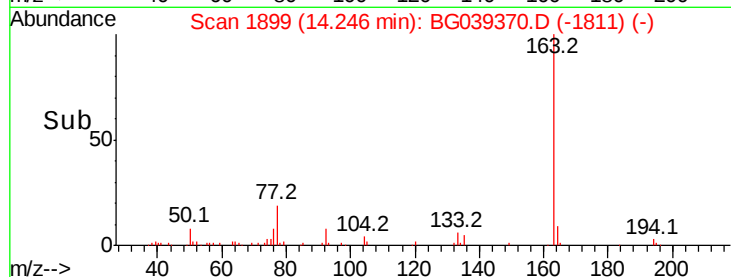
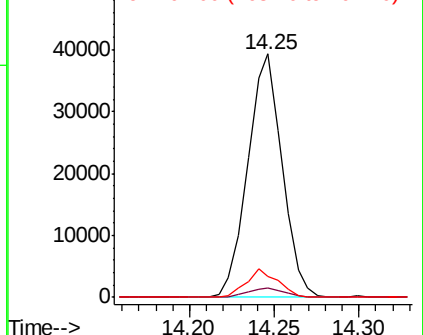
163 100

194 3.8 3.6 5.4

164 8.7 8.4 12.6



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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

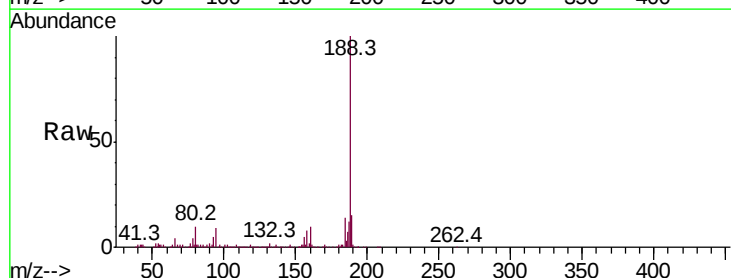
Tgt Ion:188 Resp: 355269

Ion Ratio Lower Upper

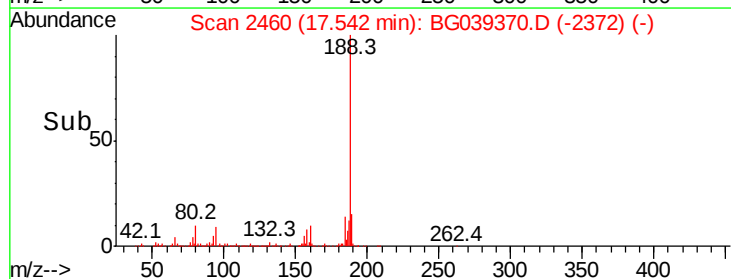
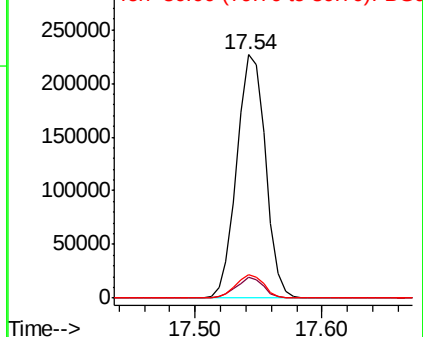
188 100

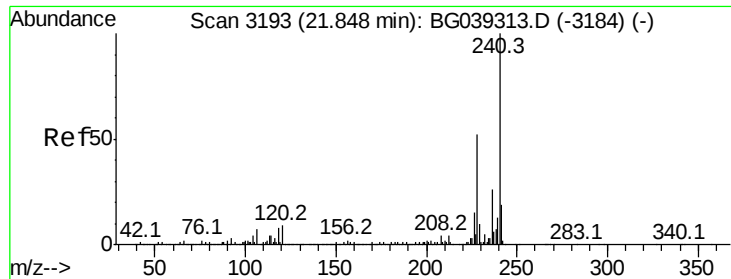
94 8.7 6.9 10.3

80 9.6 8.1 12.1



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

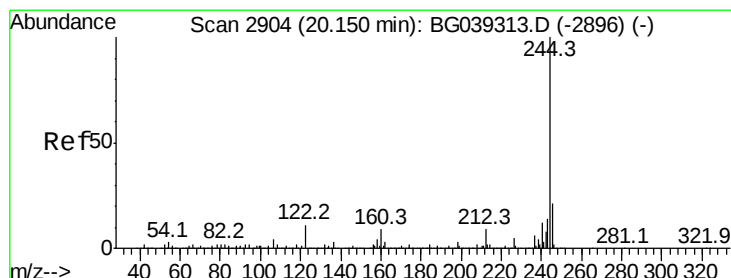
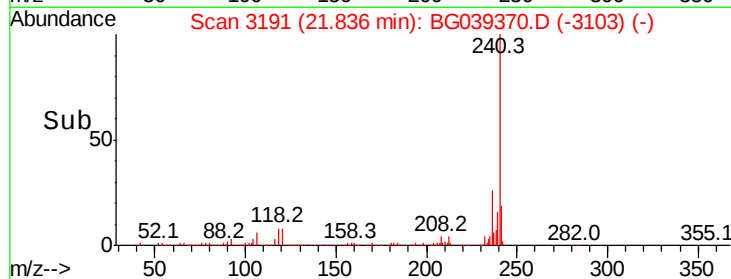
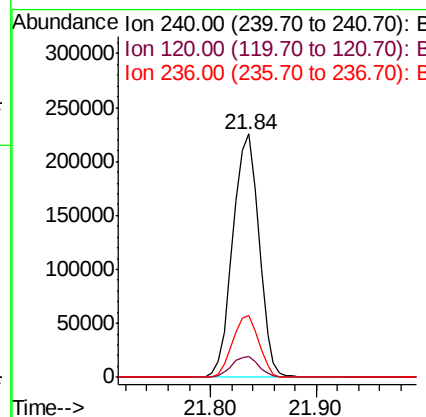
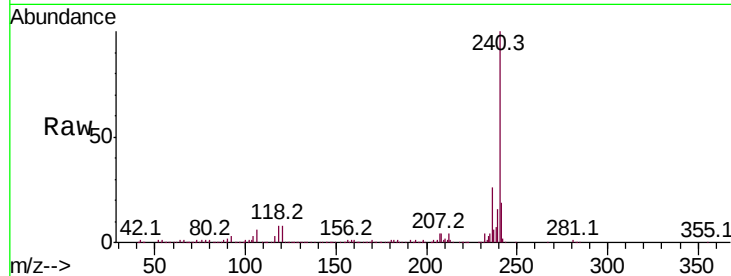




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.84 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039370.D
 Acq: 6 Feb 2019 14:40

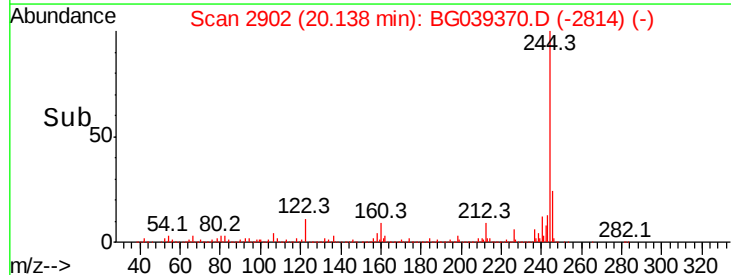
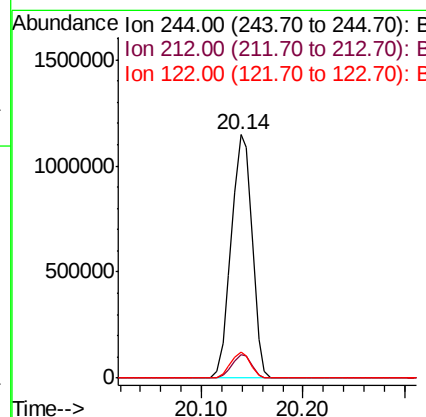
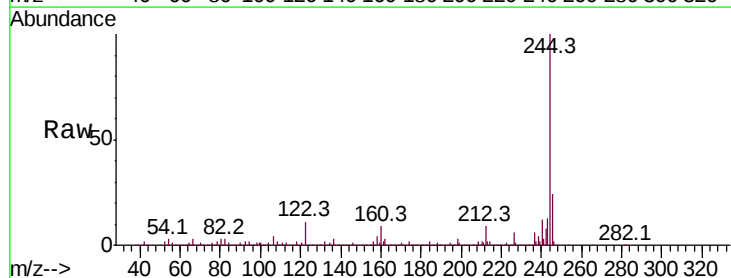
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

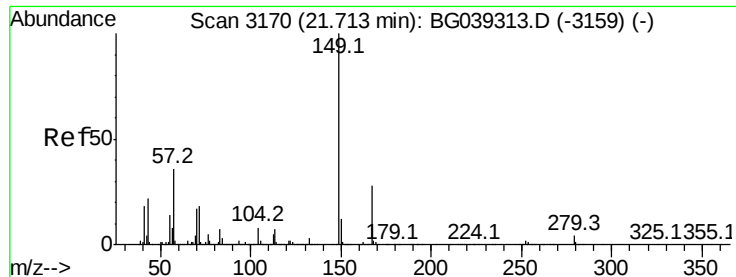
Tot Ion:240 Resp: 386224
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 25.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 90.307 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039370.D
 Acq: 6 Feb 2019 14:40

Tgt Ion:244 Resp: 1647800
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.3 10.9
 122 10.8 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.511 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE

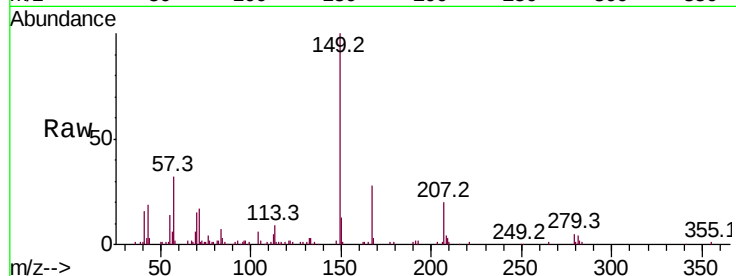
Tot Ion:149 Resp: 50805

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

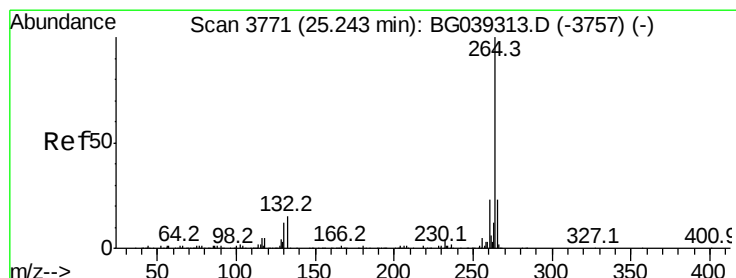
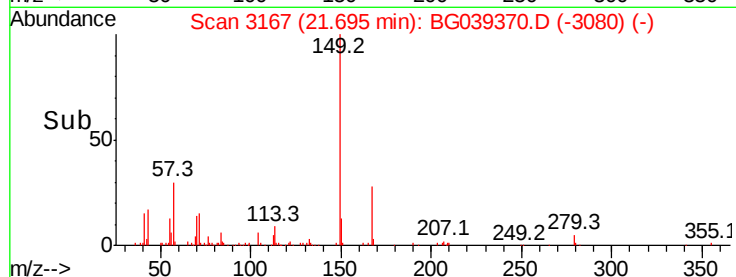
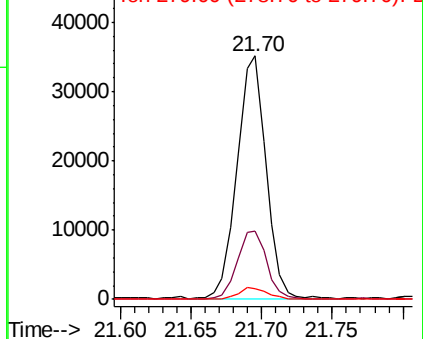
279 4.6 3.5 5.3



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: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039370.D

Acq: 6 Feb 2019 14:40

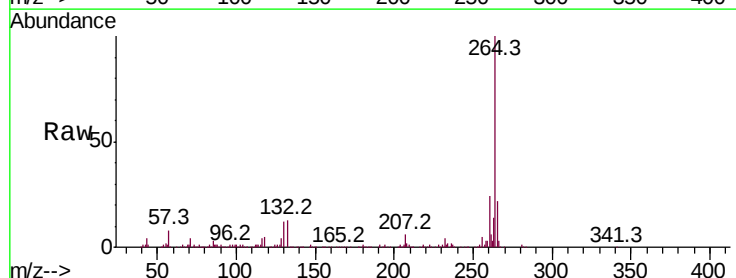
Tgt Ion:264 Resp: 401667

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.2 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

