

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039255.D
 Acq On : 22 Jan 2019 17:44
 Operator : JU/SJ
 Sample : K1212-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FML-124

Quant Time: Jan 22 23:46:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

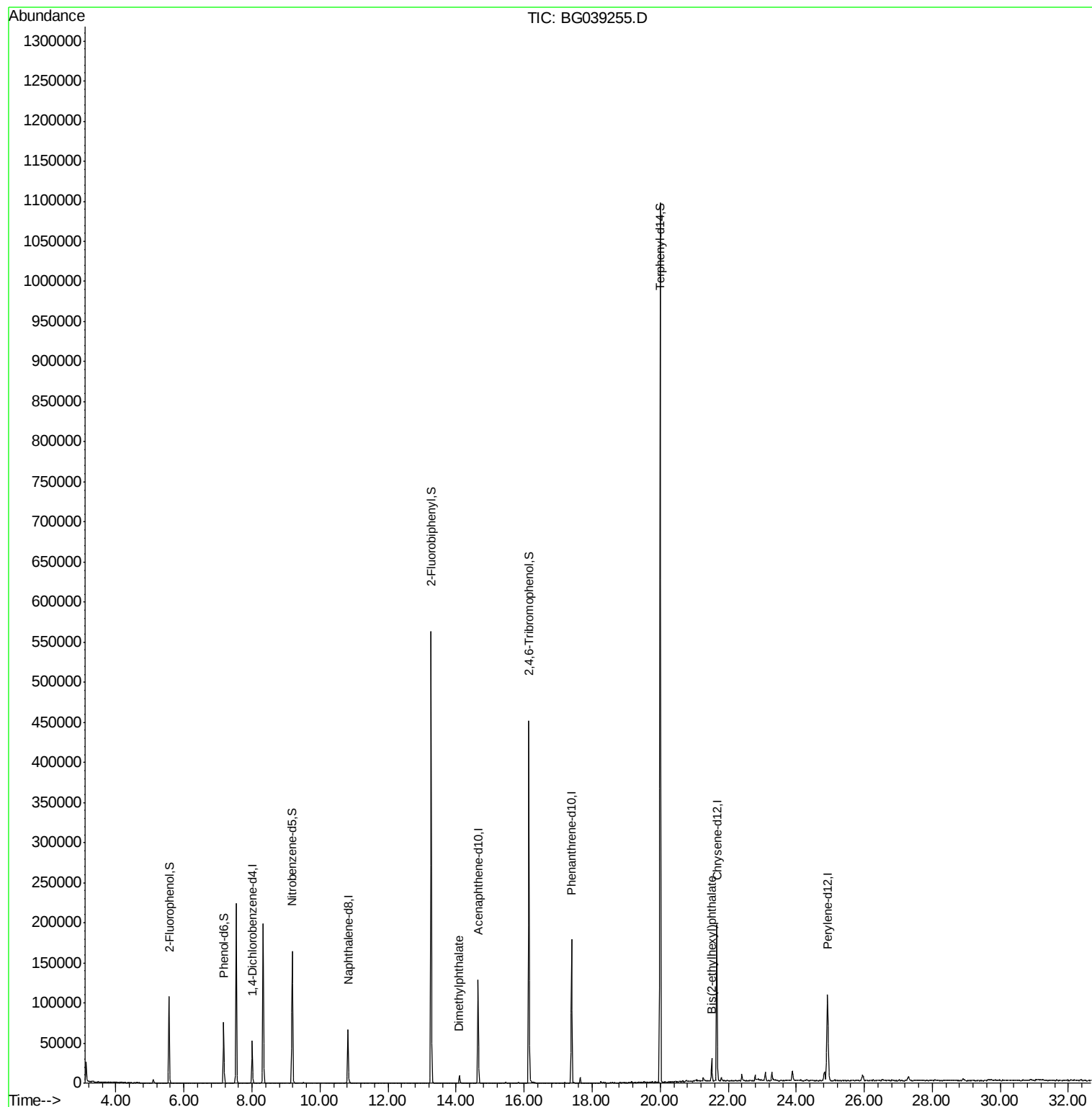
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15821	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	64632	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	47541	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	118730	20.00	ng	0.00
76) Chrysene-d12	21.67	240	123780	20.00	ng	-0.02
87) Perylene-d12	24.92	264	136751	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	49991	59.94	ng	0.00
7) Phenol-d6	7.17	99	44437	37.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	101989	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	100195	125.73	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	315697	90.88	ng	0.00
79) Terphenyl-d14	20.00	244	578462	86.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	8367	2.083	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	11822	2.838	ng	# 89

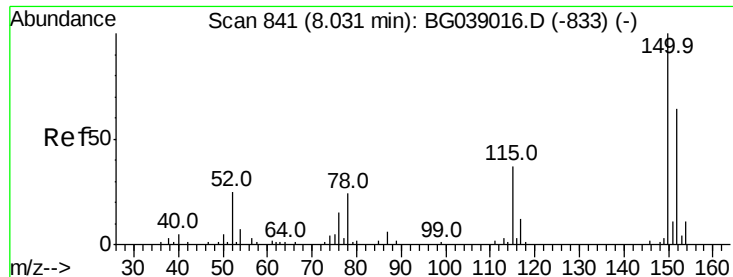
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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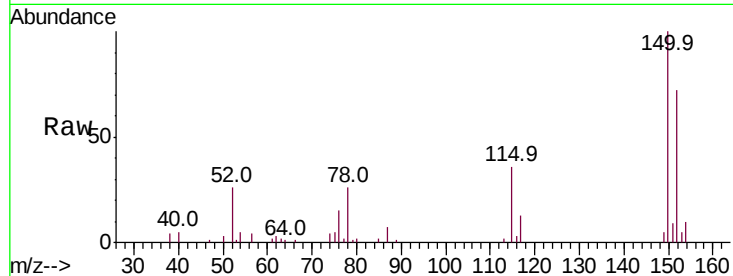


#1

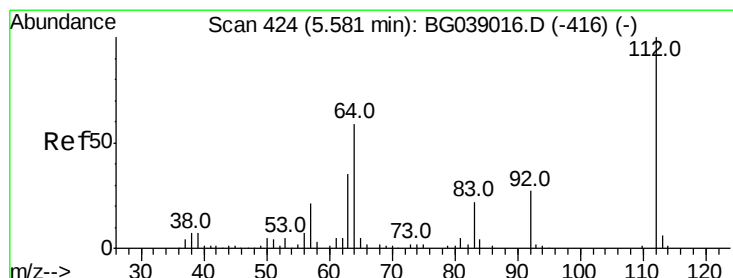
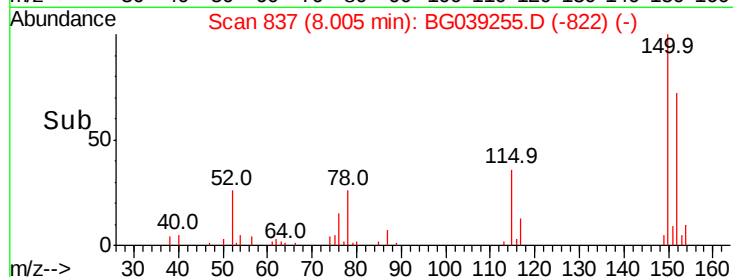
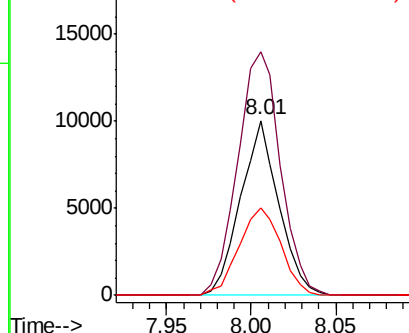
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Instrument :
BNA_G
ClientSampleId :
FML-124

Tot Ion:152 Resp: 15821
Ion Ratio Lower Upper
152 100
150 139.2 124.7 187.1
115 50.2 46.5 69.7



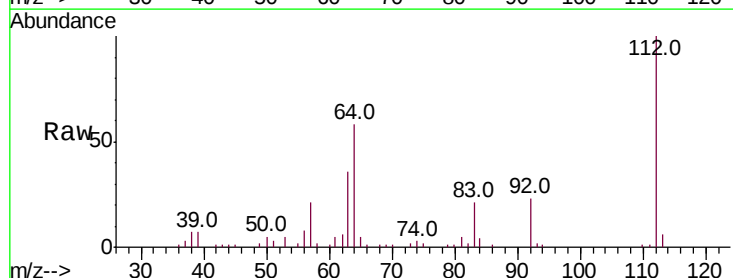
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



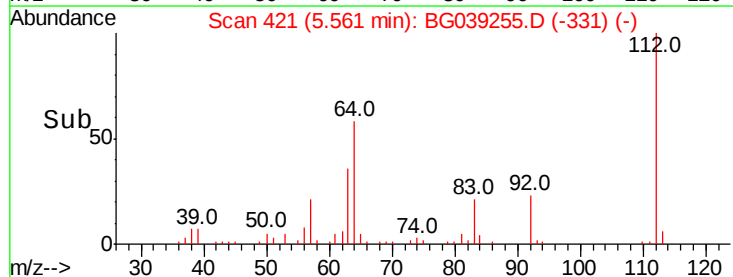
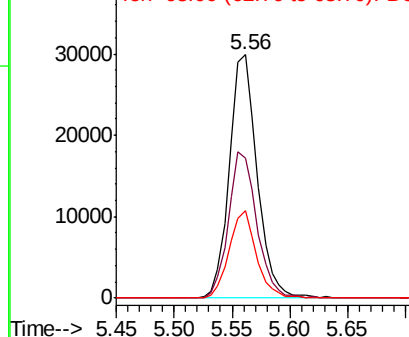
#5

2-Fluorophenol
Concen: 59.941 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion:112 Resp: 49991
Ion Ratio Lower Upper
112 100
64 57.5 47.0 70.6
63 35.8 28.0 42.0



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: 37.023 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

FML-124

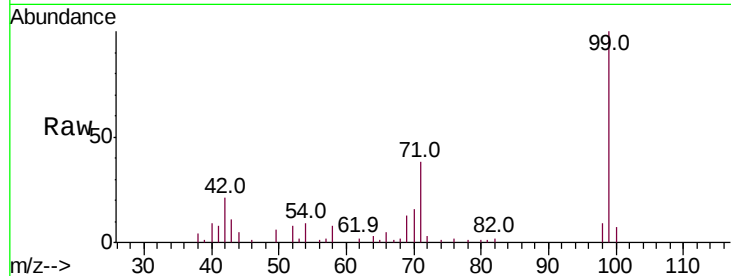
Tot Ion: 99 Resp: 44437

Ion Ratio Lower Upper

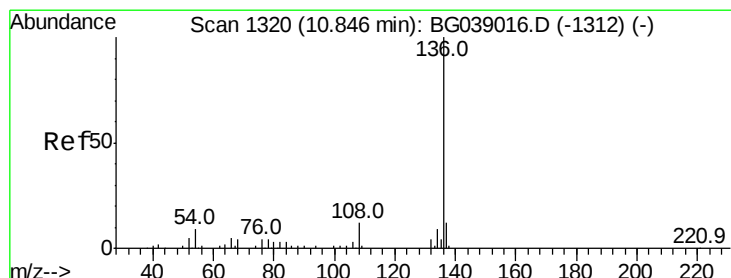
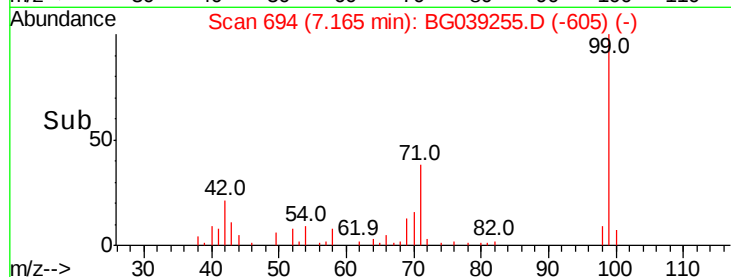
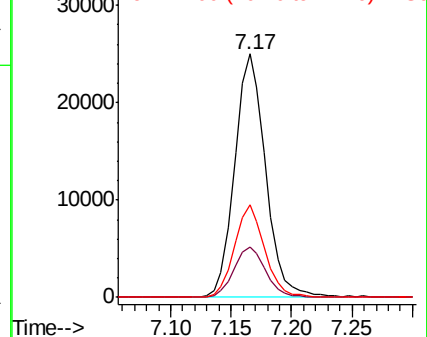
99 100

42 20.8 15.8 23.6

71 38.3 30.2 45.4



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Tgt Ion: 136 Resp: 64632

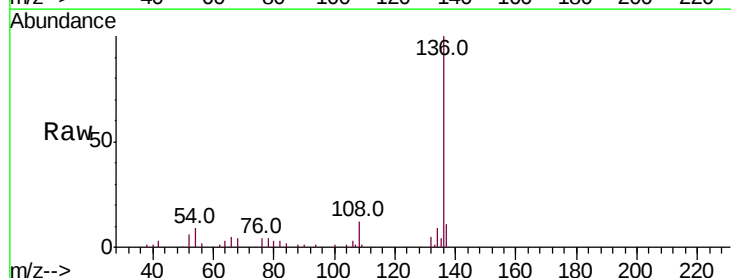
Ion Ratio Lower Upper

136 100

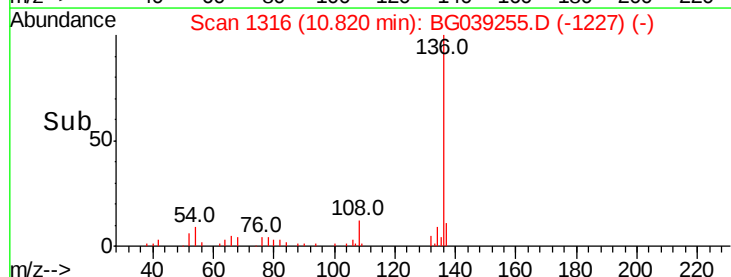
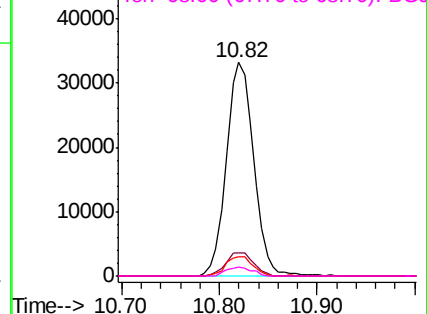
137 11.0 9.4 14.2

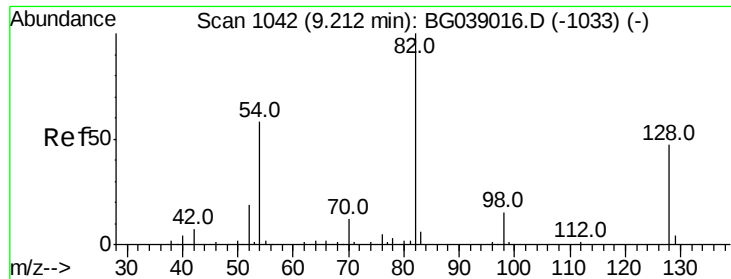
54 9.3 7.2 10.8

68 4.1 3.5 5.3



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

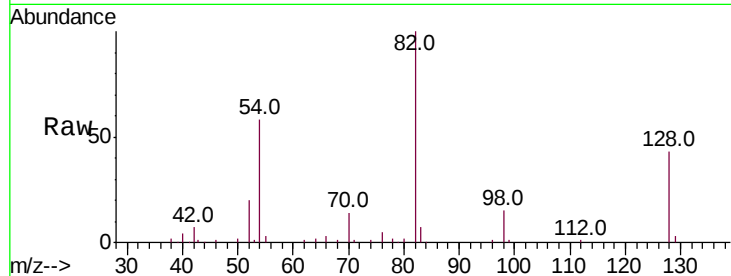




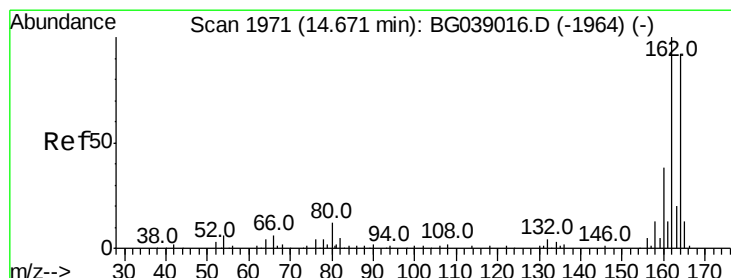
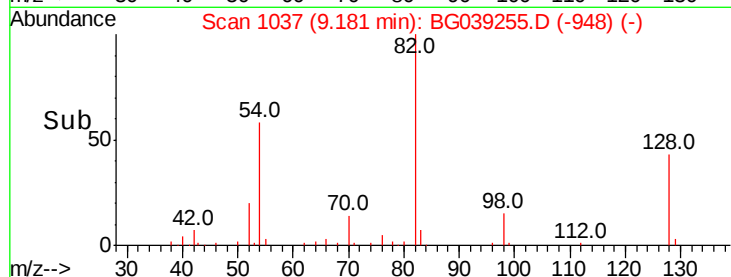
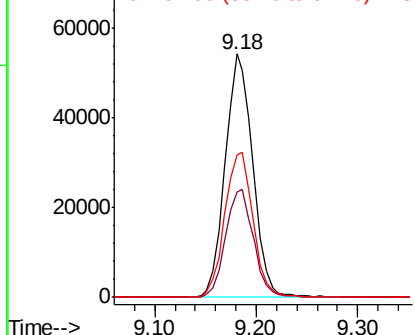
#23
Nitrobenzene-d5
Concen: 86.347 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Instrument :
BNA_G
ClientSampleId :
FML-124

Tot Ion: 82 Resp: 101989
Ion Ratio Lower Upper
82 100
128 43.3 37.3 55.9
54 58.4 46.4 69.6

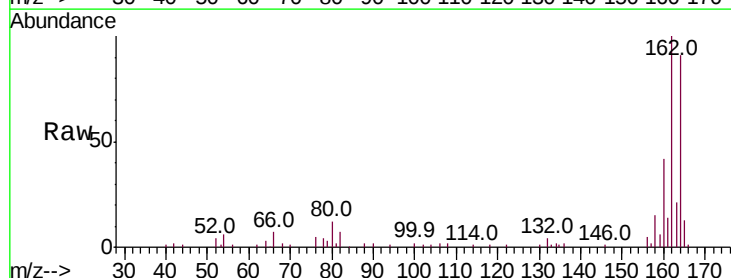


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

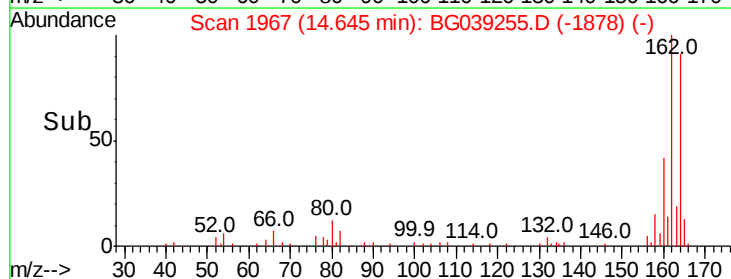
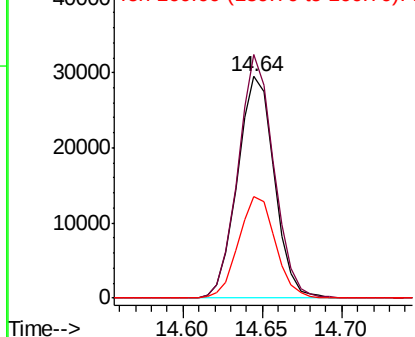


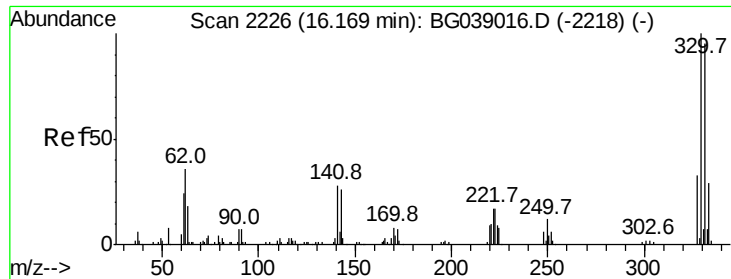
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039255.D
Acq: 22 Jan 2019 17:44

Tgt Ion: 164 Resp: 47541
Ion Ratio Lower Upper
164 100
162 110.0 87.2 130.8
160 45.8 33.3 49.9



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





#42

2,4,6-Tribromophenol

Concen: 125.728 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

FML-124

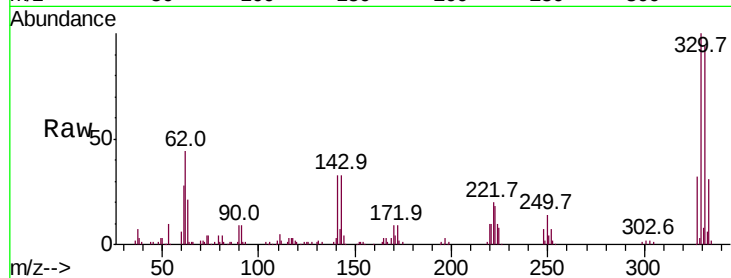
Tot Ion:330 Resp: 100195

Ion Ratio Lower Upper

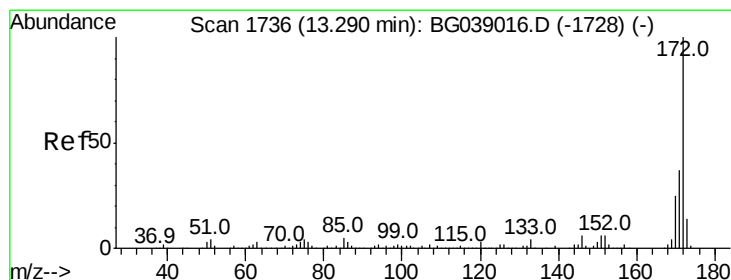
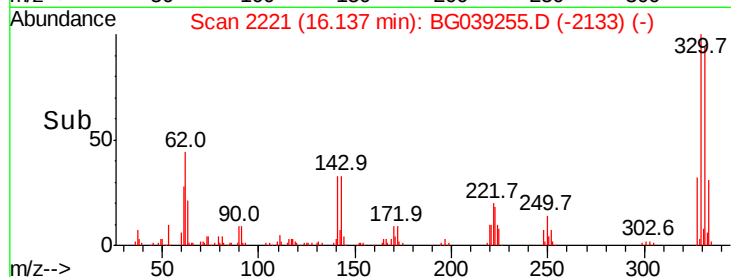
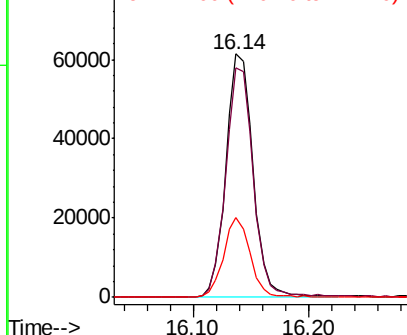
330 100

332 97.1 75.7 113.5

141 32.1 24.9 37.3



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: 90.880 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

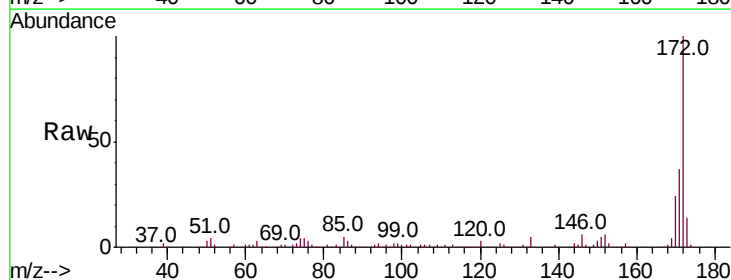
Tgt Ion:172 Resp: 315697

Ion Ratio Lower Upper

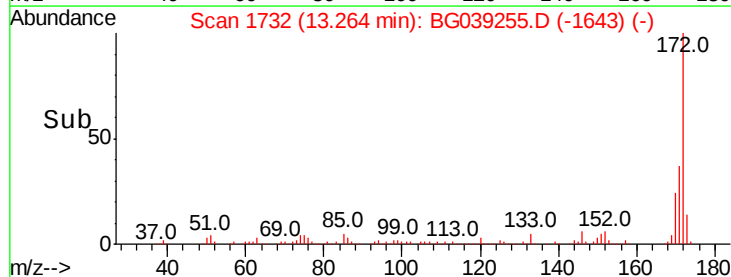
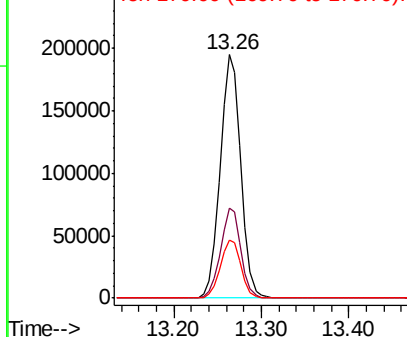
172 100

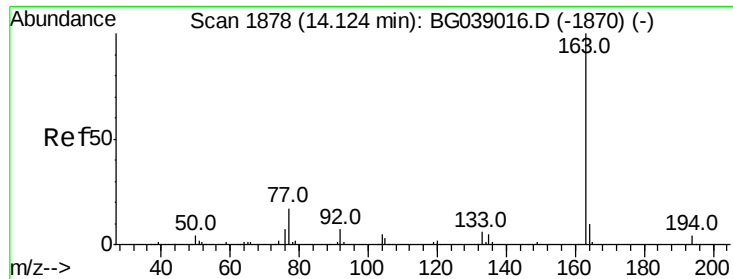
171 37.1 29.4 44.0

170 23.7 20.1 30.1



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: 2.083 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

FML-124

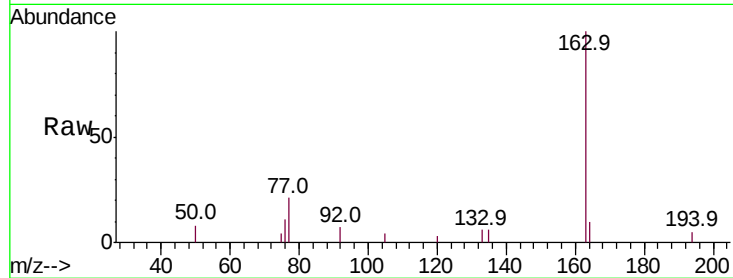
Tot Ion:163 Resp: 8367

Ion Ratio Lower Upper

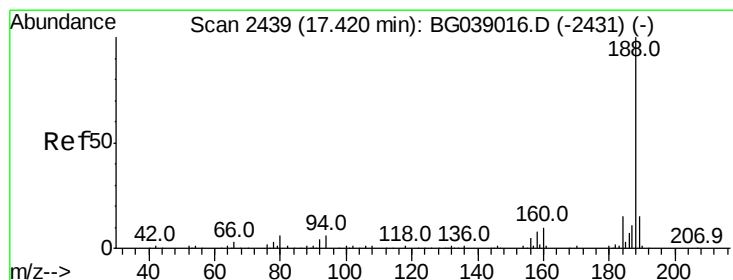
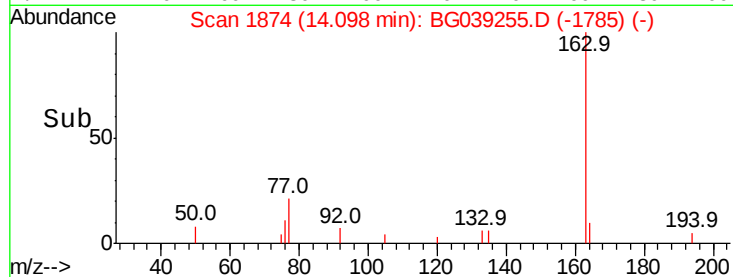
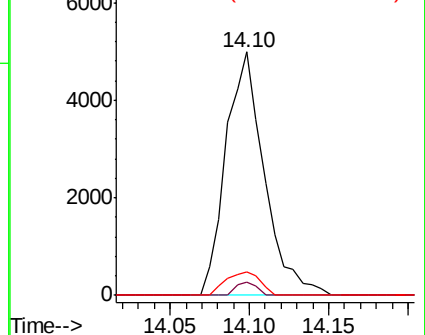
163 100

194 5.3 3.6 5.4

164 9.6 8.2 12.2



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

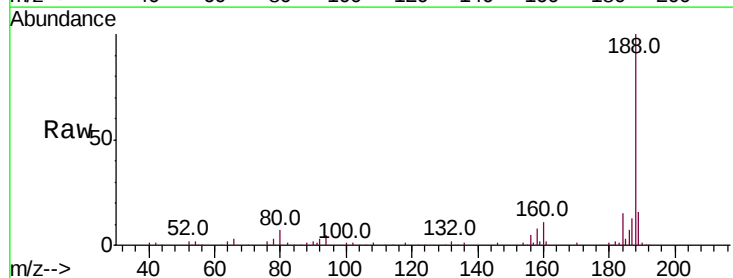
Tgt Ion:188 Resp: 118730

Ion Ratio Lower Upper

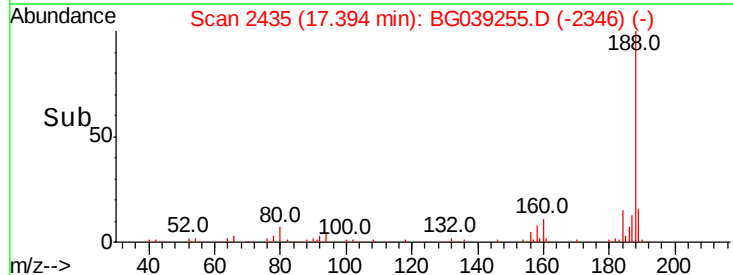
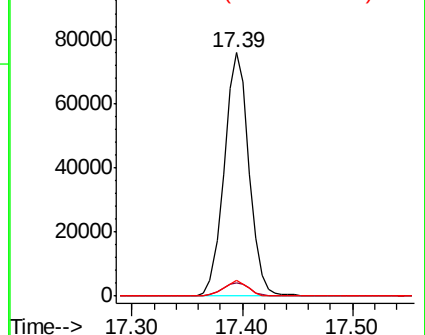
188 100

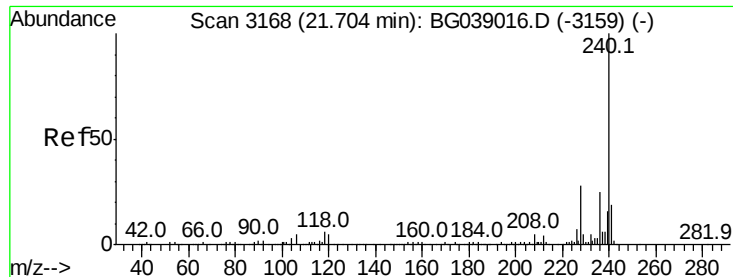
94 5.5 5.0 7.4

80 6.5 4.7 7.1



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

Instrument :

BNA_G

ClientSampleId :

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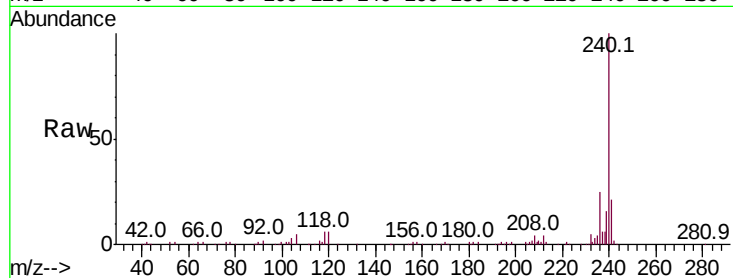
Tot Ion:240 Resp: 123780

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

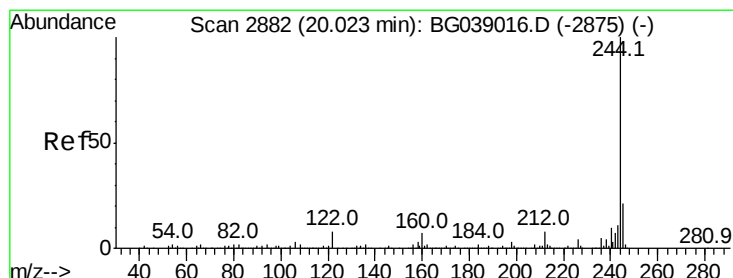
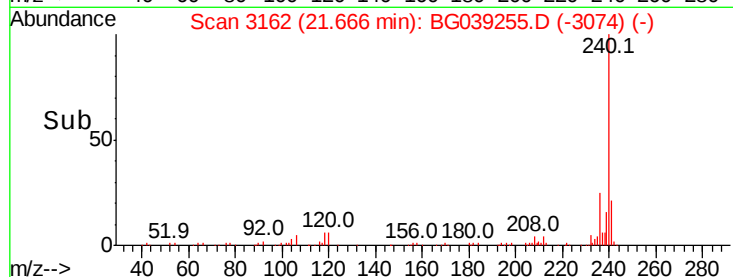
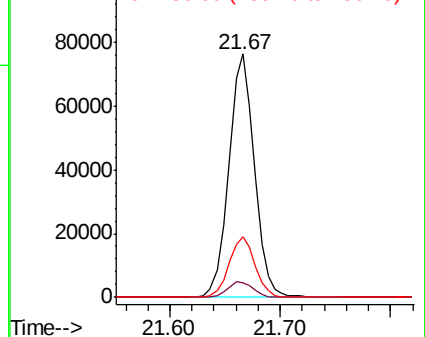
236 25.0 20.1 30.1



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: 86.451 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

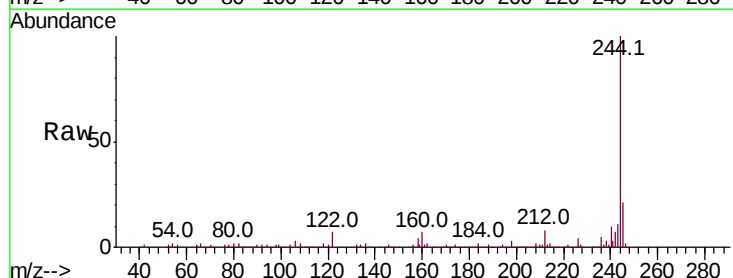
Tgt Ion:244 Resp: 578462

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

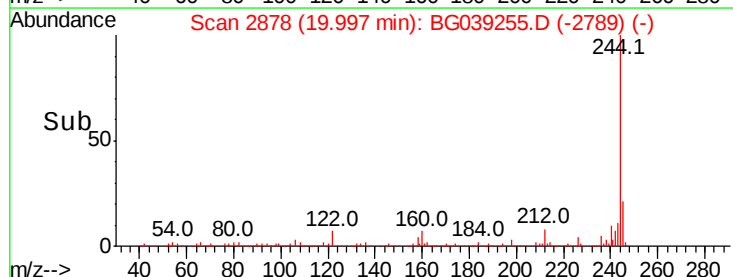
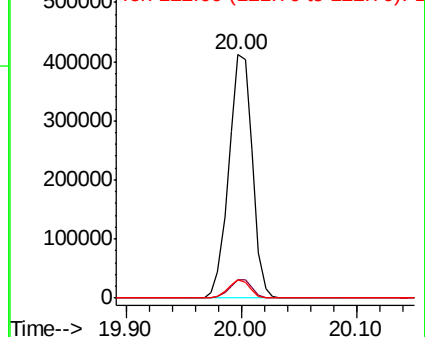
122 7.5 6.1 9.1

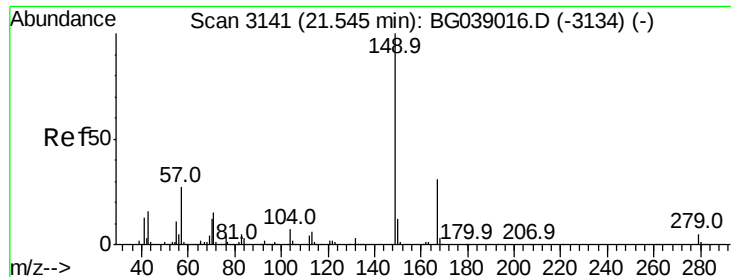


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.838 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

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FML-124

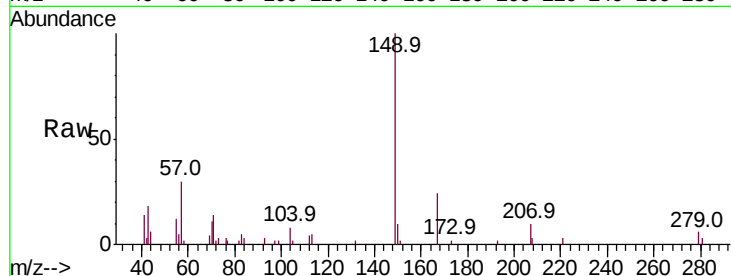
Tot Ion:149 Resp: 11822

Ion Ratio Lower Upper

149 100

167 24.4 25.0 37.4#

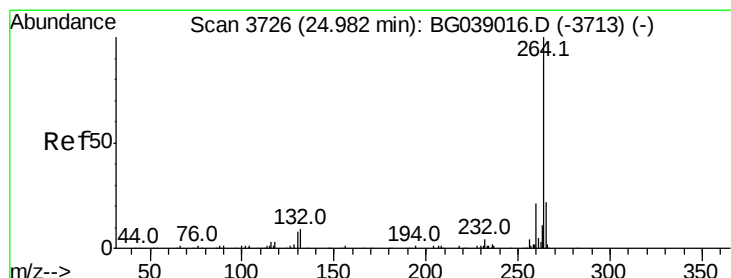
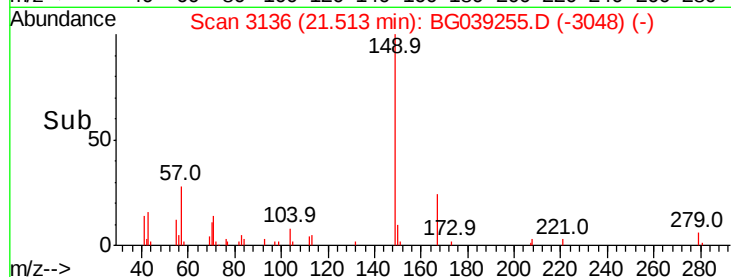
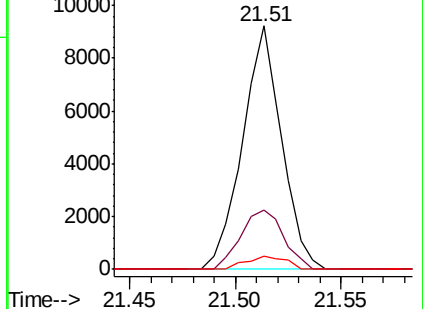
279 5.5 4.3 6.5



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039255.D

Acq: 22 Jan 2019 17:44

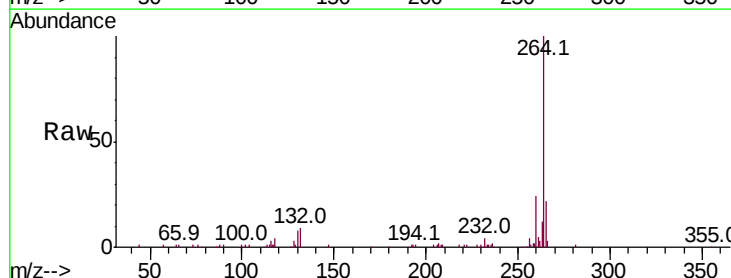
Tgt Ion:264 Resp: 136751

Ion Ratio Lower Upper

264 100

260 23.6 17.0 25.6

265 22.4 17.2 25.8



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

