

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045939.D
 Acq On : 3 Jul 2020 8:47
 Operator : CG/JU
 Sample : L3171-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Jul 04 05:20:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

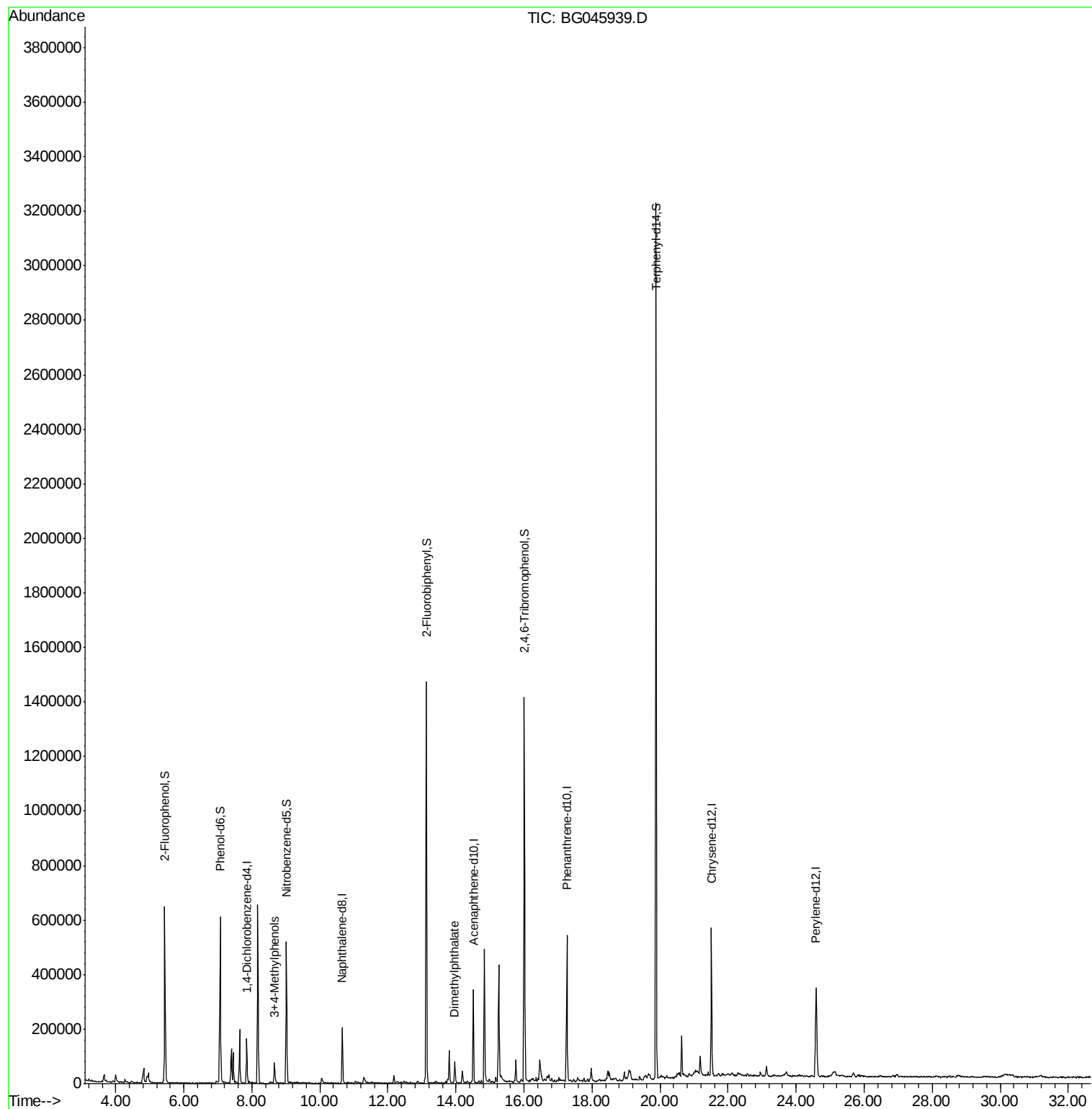
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	44442	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	172933	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	121104	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	287775	20.00	ng	0.00
76) Chrysene-d12	21.51	240	329045	20.00	ng	-0.01
86) Perylene-d12	24.59	264	339689	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	306171	116.38	ng	-0.01
7) Phenol-d6	7.07	99	404719	101.13	ng	0.00
23) Nitrobenzene-d5	9.02	82	353387	93.35	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	269746	147.53	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	787644	95.58	ng	0.00
79) Terphenyl-d14	19.89	244	1528782	94.16	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.66	107	40880	10.772	ng	# 56
50) Dimethylphthalate	13.96	163	47158	4.971	ng	# 98

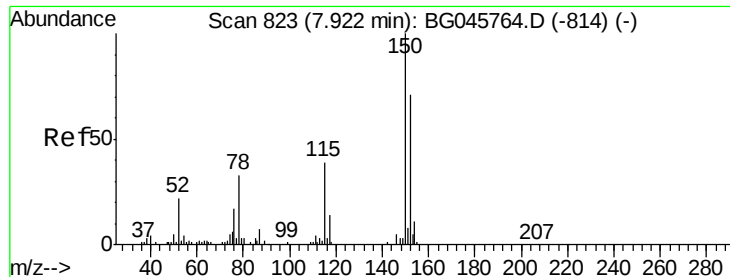
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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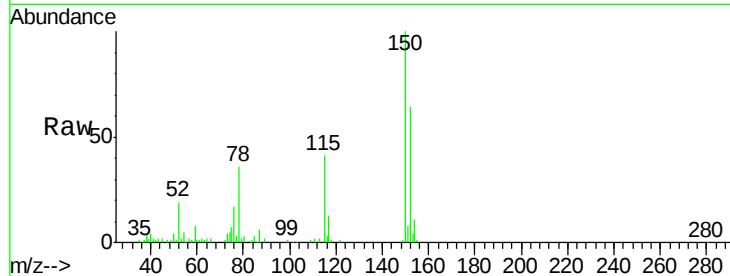


#1

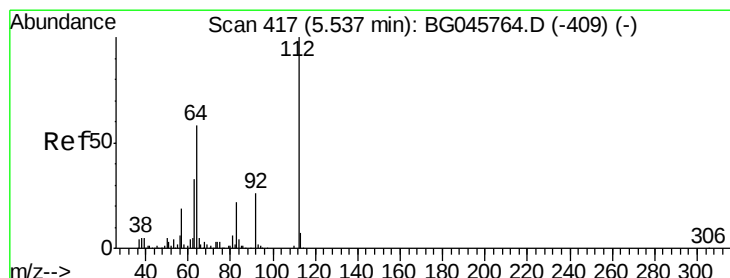
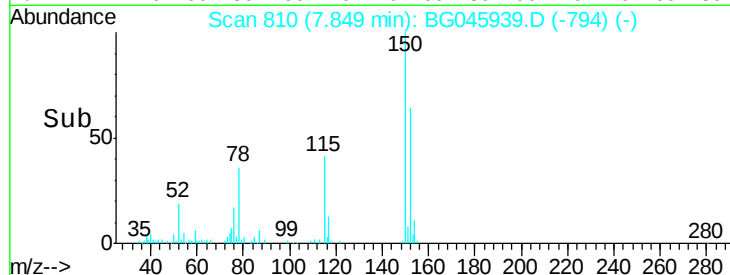
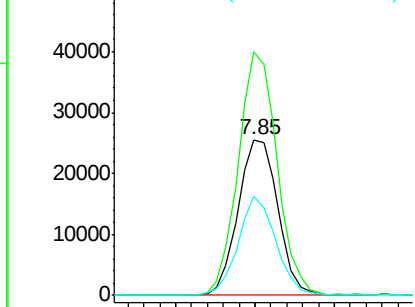
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 44442
Ion Ratio Lower Upper
152 100
150 156.4 124.5 186.7
115 63.9 45.8 68.8



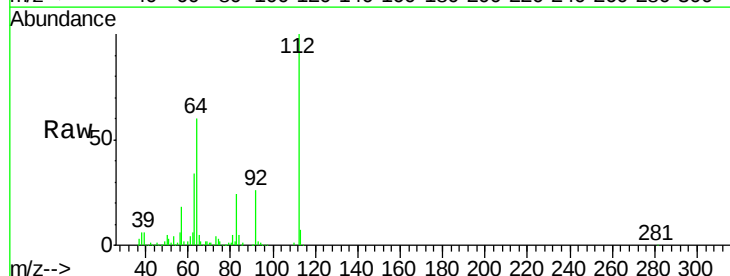
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



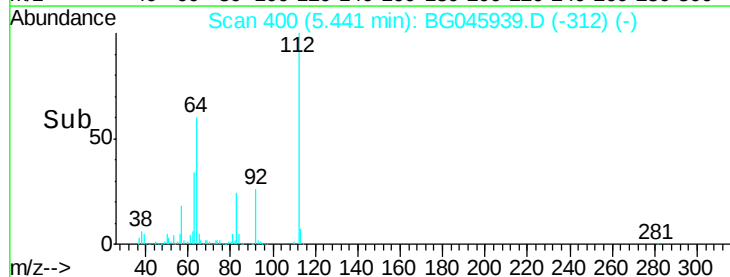
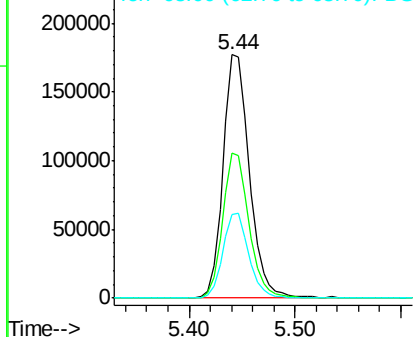
#5

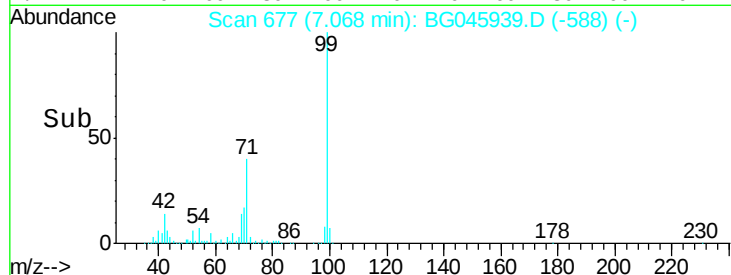
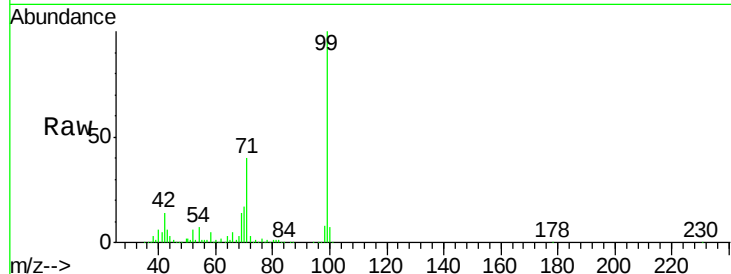
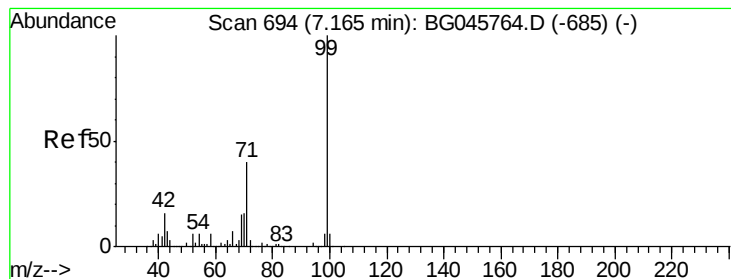
2-Fluorophenol
Concen: 116.375 ng
RT: 5.44 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion:112 Resp: 306171
Ion Ratio Lower Upper
112 100
64 59.6 44.9 67.3
63 34.4 26.9 40.3



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: 101.134 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampled :

BUS-WASH

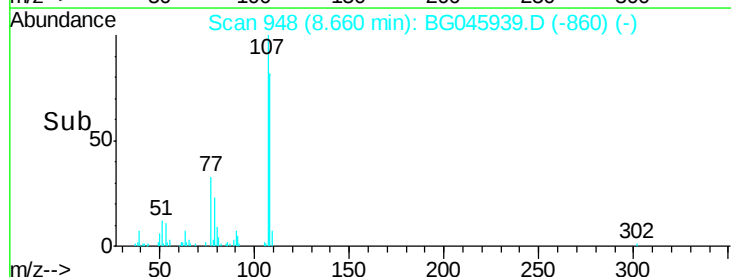
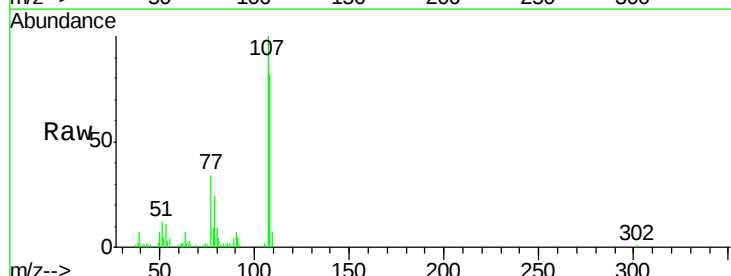
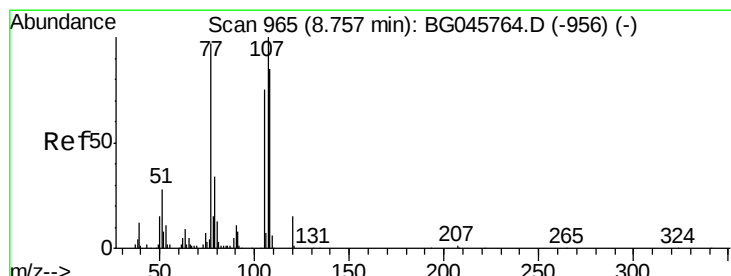
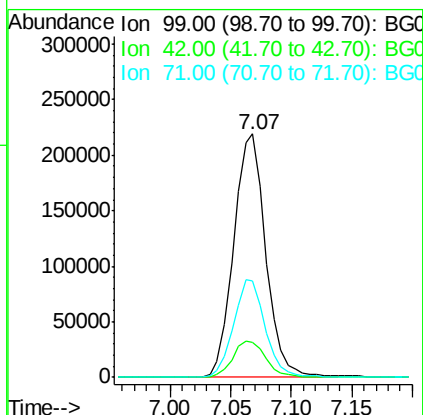
Tot Ion: 99 Resp: 404719

Ion Ratio Lower Upper

99 100

42 14.5 11.8 17.8

71 39.8 31.0 46.6



#20

3+4-Methylphenols

Concen: 10.772 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Tgt Ion:107 Resp: 40880

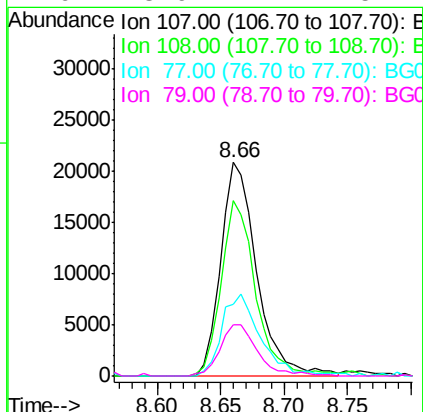
Ion Ratio Lower Upper

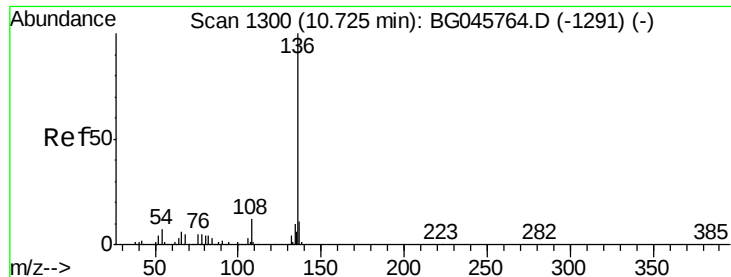
107 100

108 81.9 69.4 109.4

77 33.6 101.0 141.0#

79 23.9 14.4 54.4

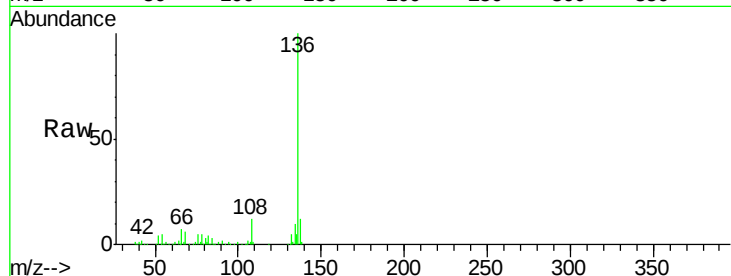




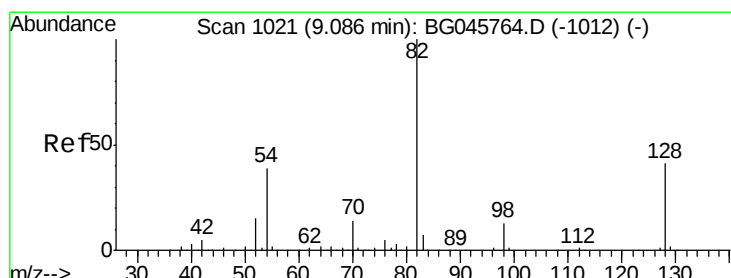
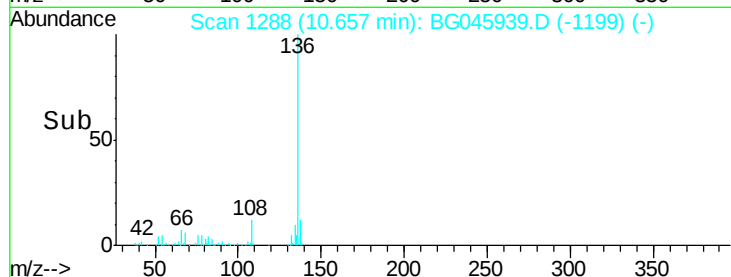
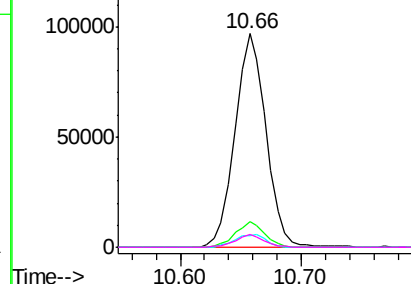
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Instrument :
BNA_G
ClientSampled :
BUS-WASH

Tot Ion:136	Resp:	172933
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.2 12.4
54	5.4	4.6 7.0
68	5.9	5.0 7.4

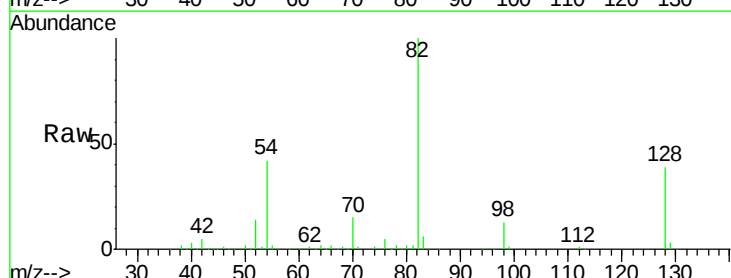


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

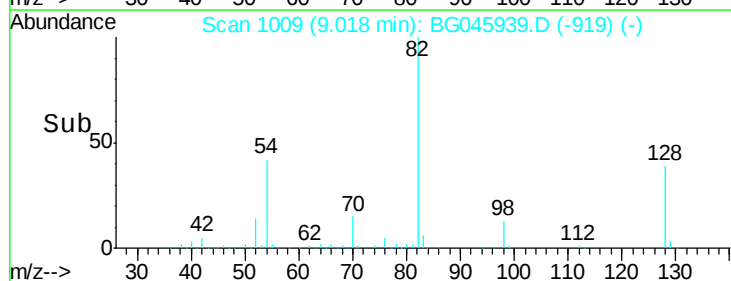
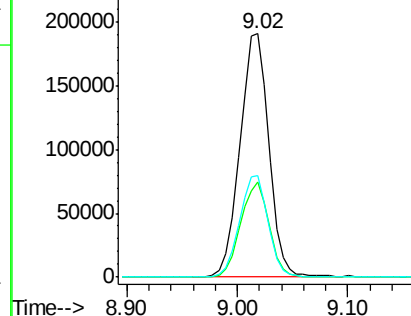


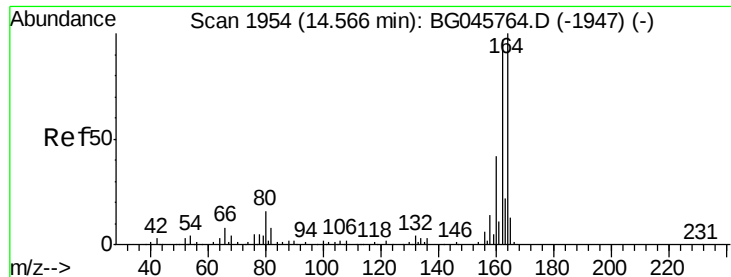
#23
Nitrobenzene-d5
Concen: 93.354 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion: 82	Resp:	353387
Ion Ratio	Lower	Upper
82	100	
128	38.9	29.9 44.9
54	41.8	33.3 49.9



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: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

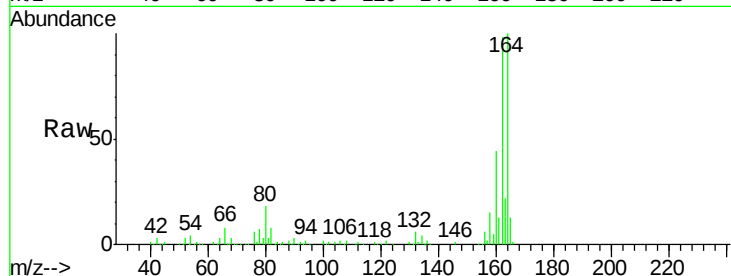
Tot Ion:164 Resp: 121104

Ion Ratio Lower Upper

164 100

162 98.2 78.8 118.2

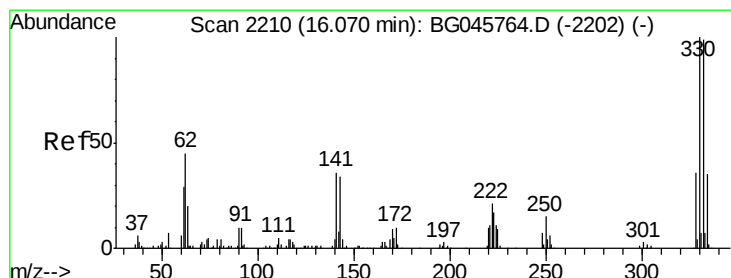
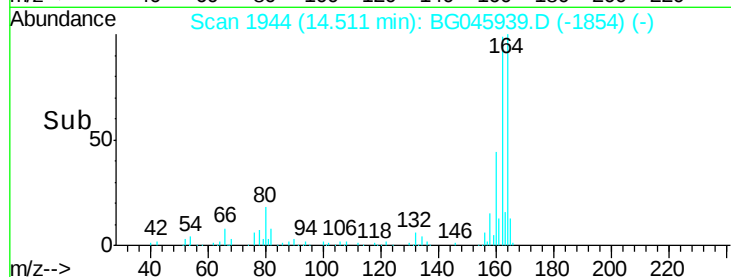
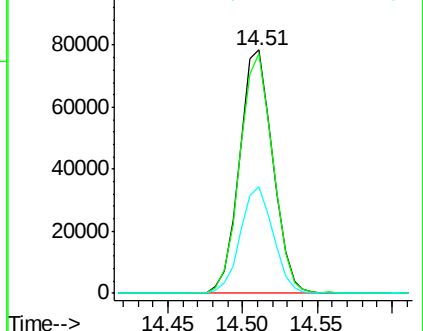
160 43.6 33.8 50.6



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: 147.535 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

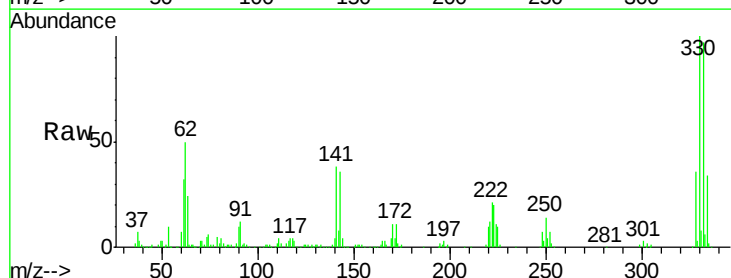
Tgt Ion:330 Resp: 269746

Ion Ratio Lower Upper

330 100

332 98.0 79.4 119.0

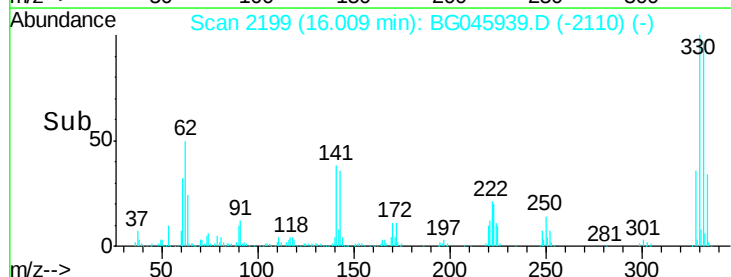
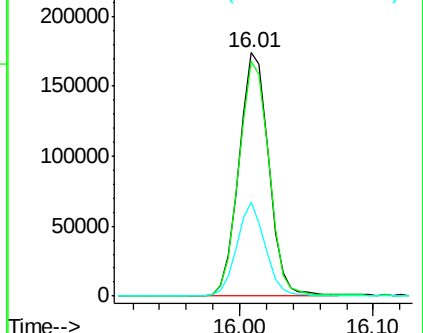
141 37.0 28.2 42.2

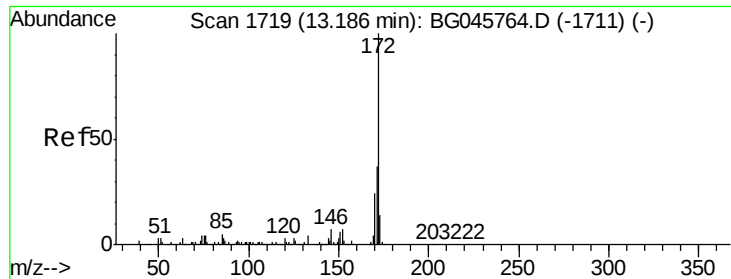


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

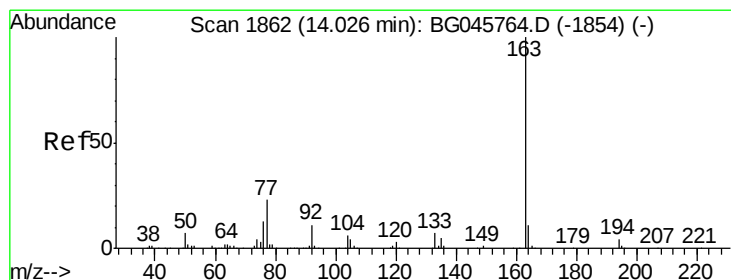
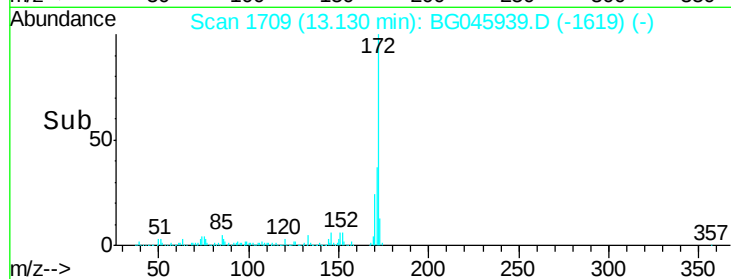
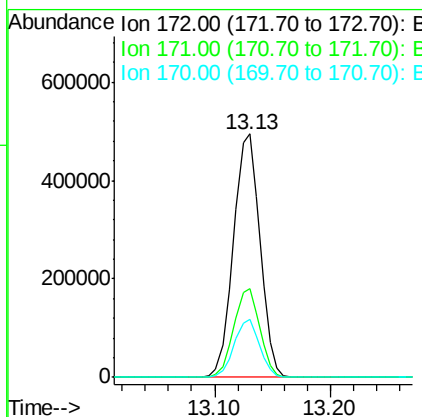
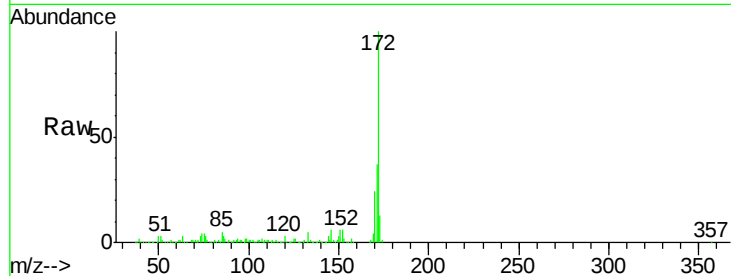




#45
2-Fluorobiphenyl
Concen: 95.578 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

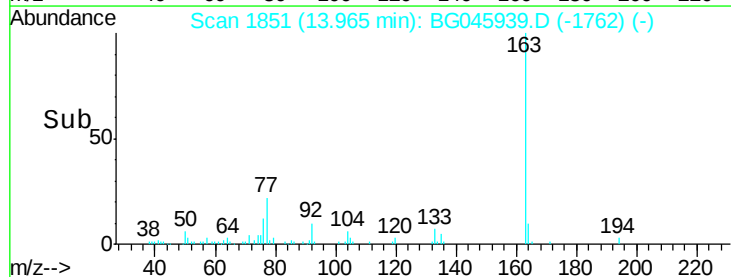
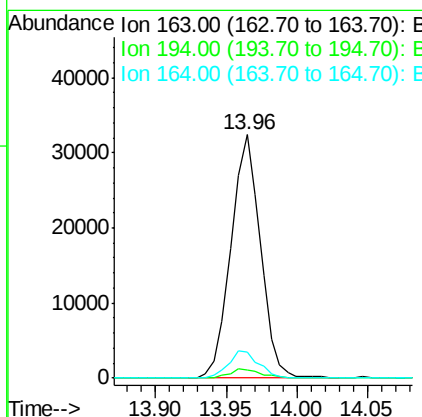
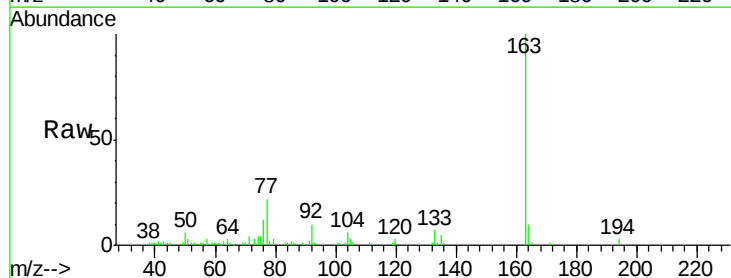
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

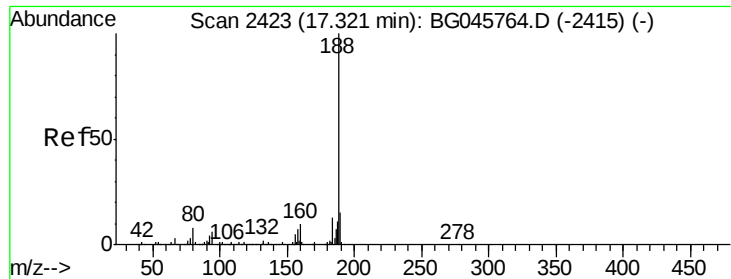
Tot Ion:172 Resp: 787644
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.7 18.9 28.3



#50
Dimethylphthalate
Concen: 4.971 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion:163 Resp: 47158
Ion Ratio Lower Upper
163 100
194 3.3 3.5 5.3#
164 10.4 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

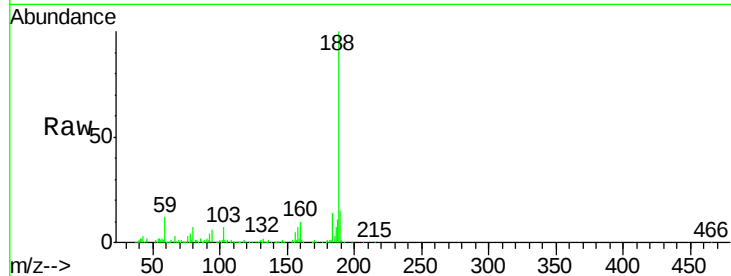
Tot Ion:188 Resp: 287775

Ion Ratio Lower Upper

188 100

94 6.0 5.5 8.3

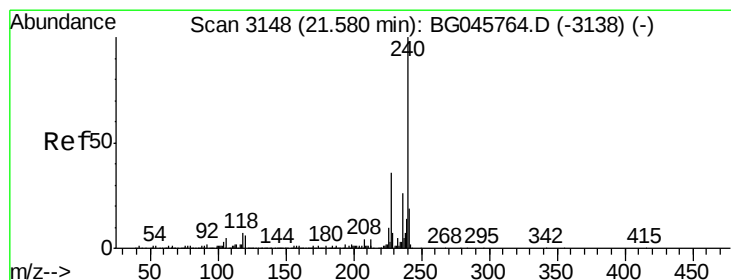
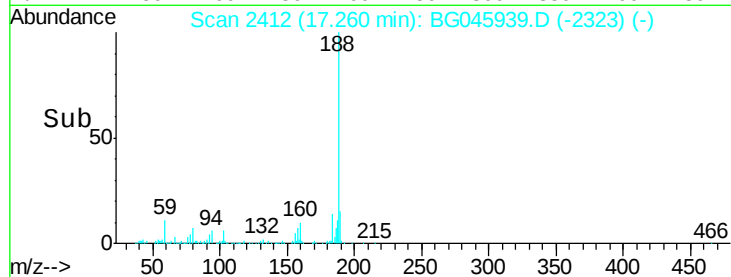
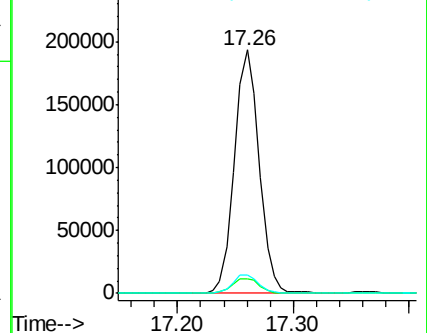
80 7.3 6.1 9.1



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: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

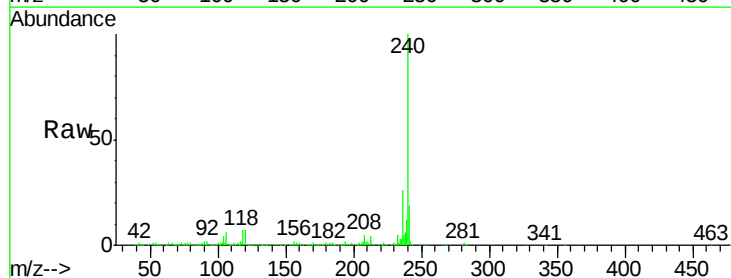
Tgt Ion:240 Resp: 329045

Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

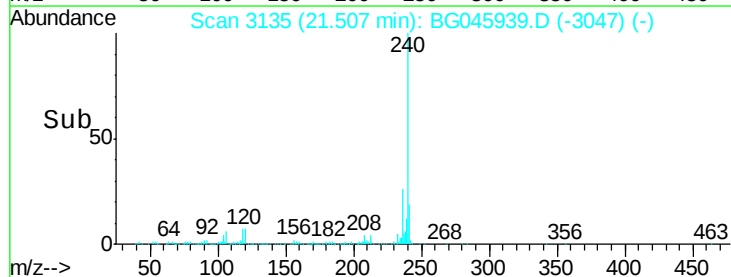
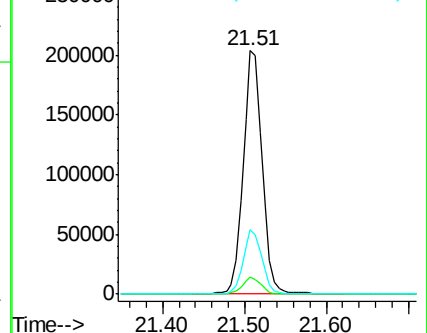
236 26.4 20.8 31.2

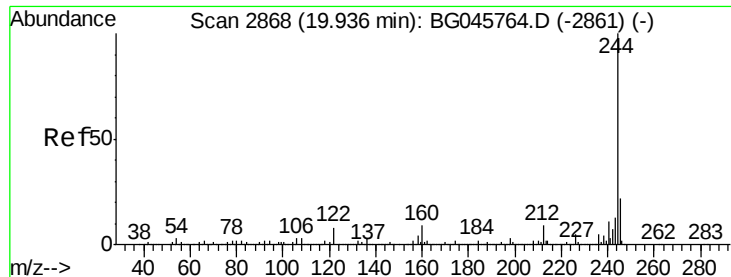


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.158 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampled :

BUS-WASH

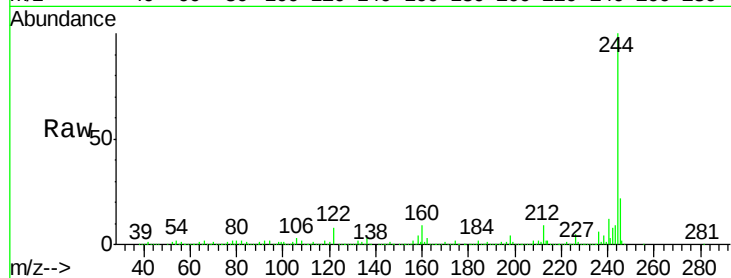
Tot Ion:244 Resp: 1528782

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

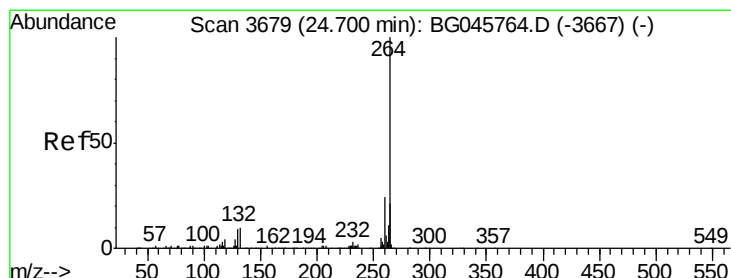
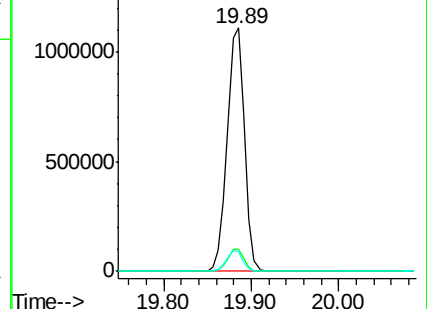
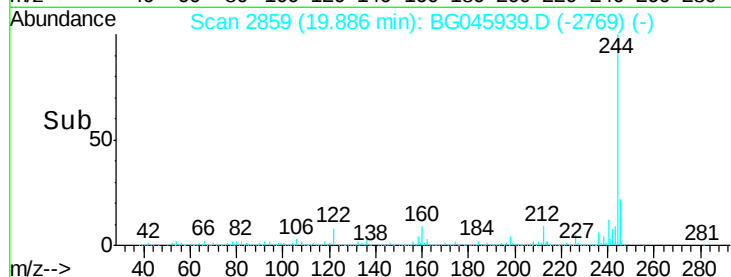
122 8.0 6.6 9.8



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: 24.59 min Scan# 3659

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

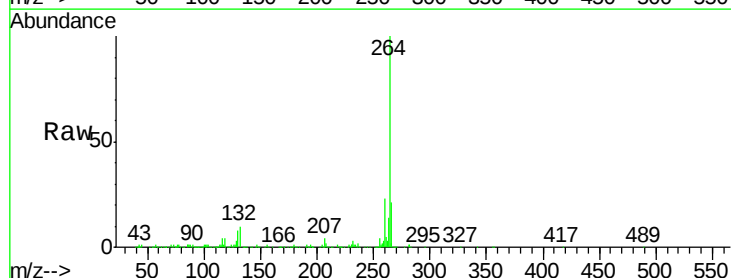
Tgt Ion:264 Resp: 339689

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.8 16.4 24.6



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

