

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043582.D
 Acq On : 8 Nov 2019 23:11
 Operator : JU
 Sample : K5742-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-(6-8)

Quant Time: Nov 11 03:56:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

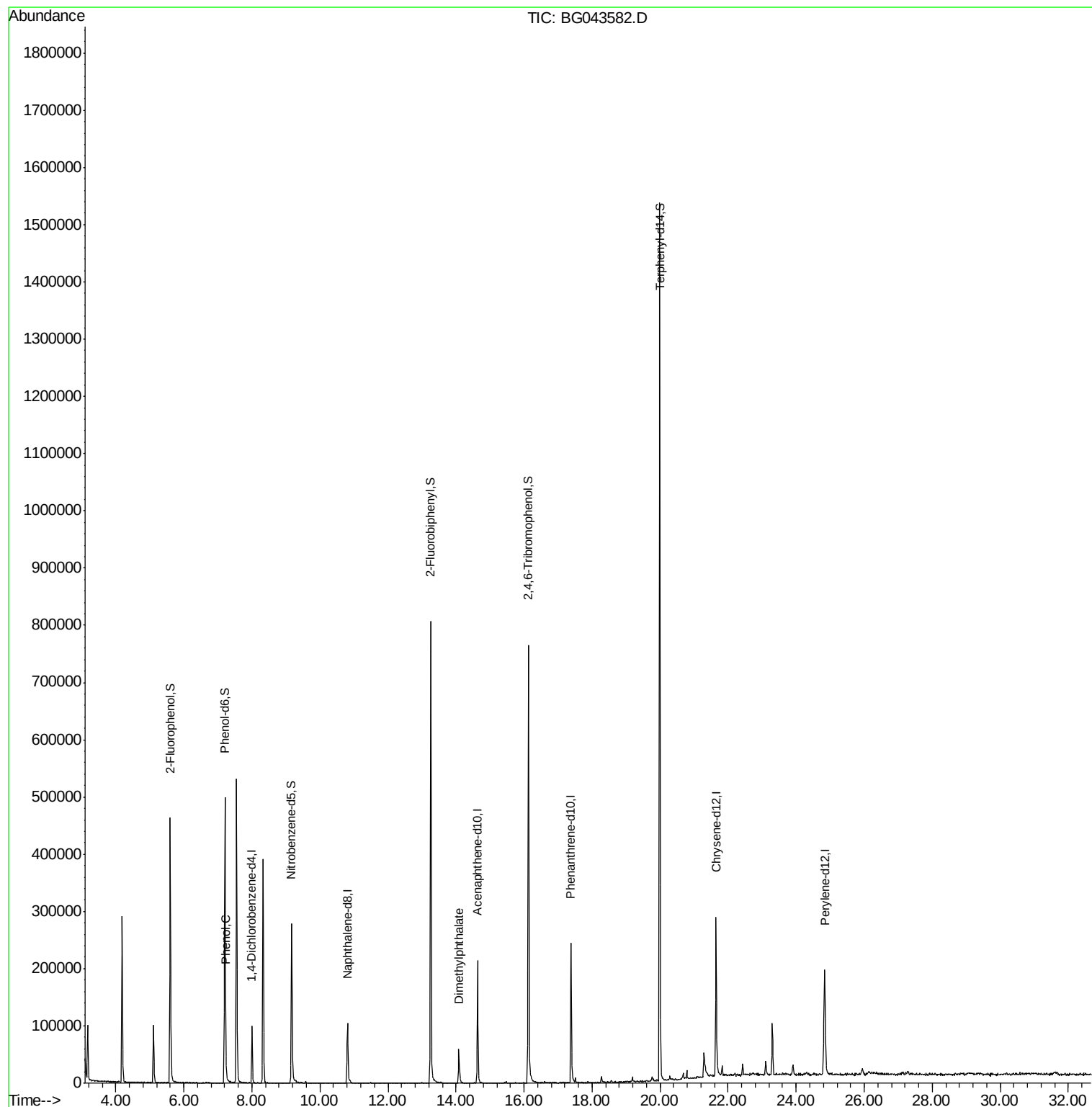
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30046	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	113301	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	82849	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	191502	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	195271	20.00	ng	-0.01
87) Perylene-d12	24.83	264	221661	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225706	137.65	ng	0.00
7) Phenol-d6	7.20	99	320873	136.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	194492	88.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	185128	117.42	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	474179	79.09	ng	-0.01
79) Terphenyl-d14	19.99	244	860656	82.69	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	12627	5.857	ng	95
50) Dimethylphthalate	14.09	163	53390	8.320	ng	# 94

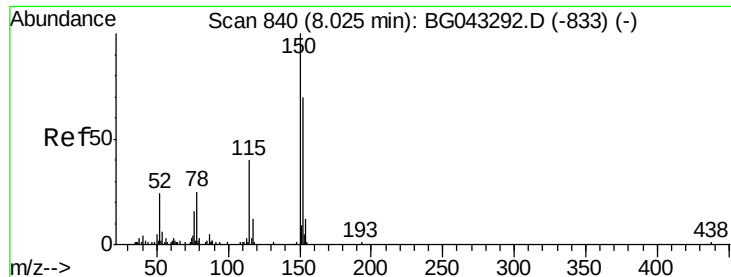
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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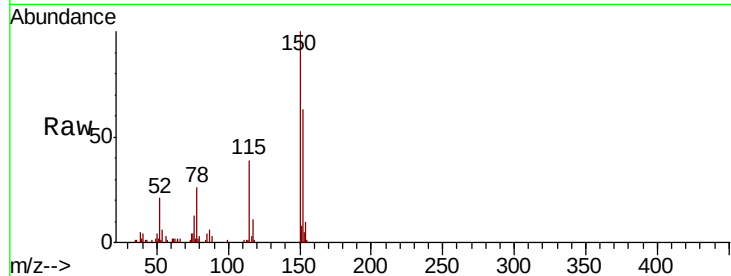


#1

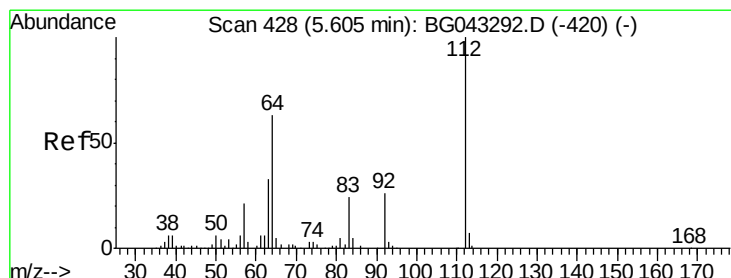
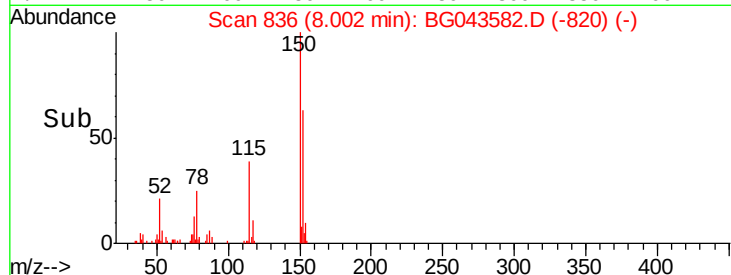
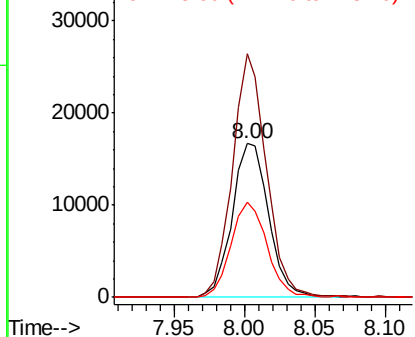
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion:152 Resp: 30046
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.0
115 61.4 48.8 73.2



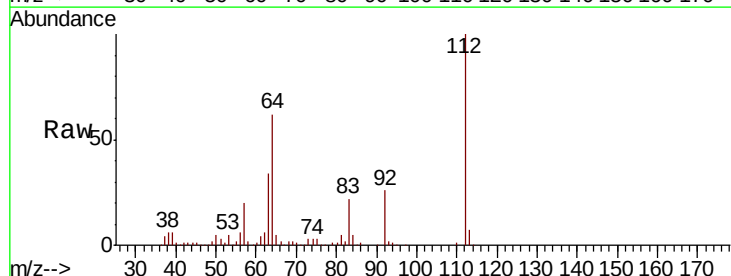
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



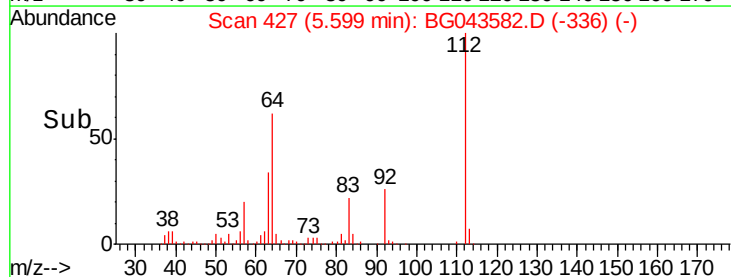
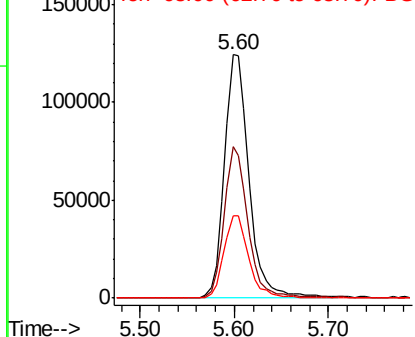
#5

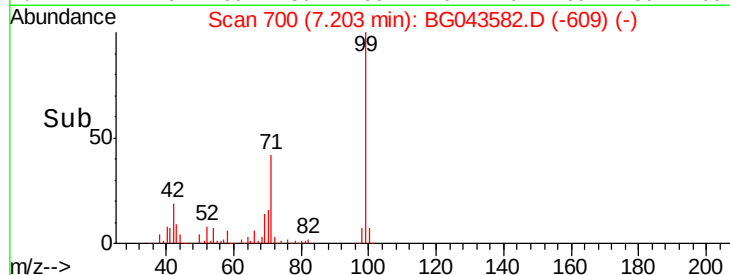
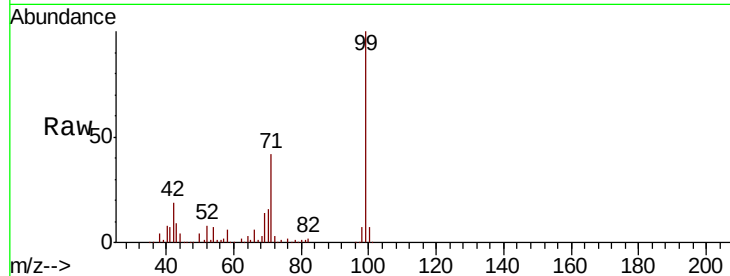
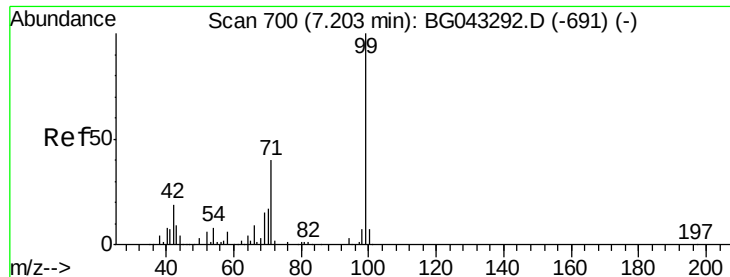
2-Fluorophenol
Concen: 137.654 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:112 Resp: 225706
Ion Ratio Lower Upper
112 100
64 62.0 50.0 75.0
63 33.9 26.6 40.0



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: 136.015 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampled :

SB-30-(6-8)

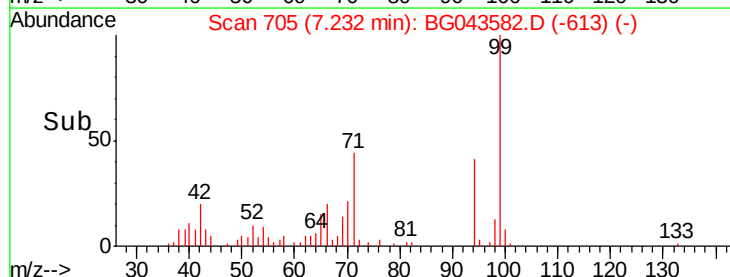
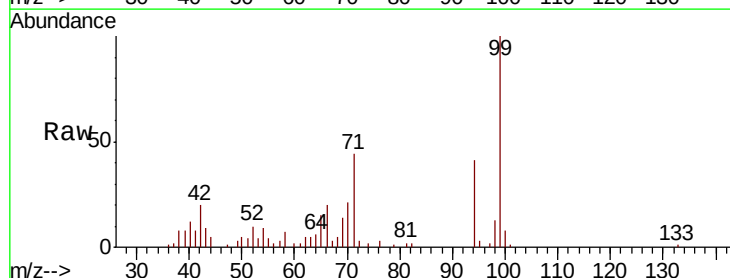
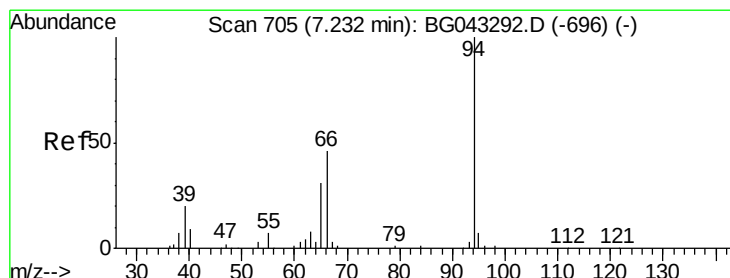
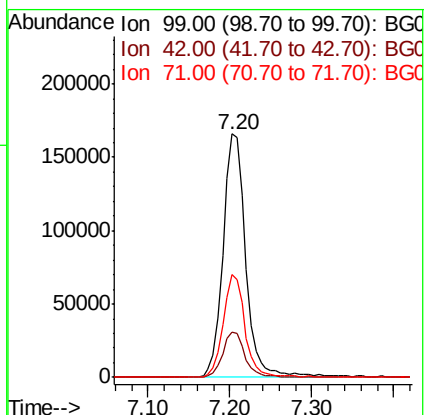
Tot Ion: 99 Resp: 320873

Ion Ratio Lower Upper

99 100

42 18.7 14.6 21.8

71 42.5 32.5 48.7



#10

Phenol

Concen: 5.857 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

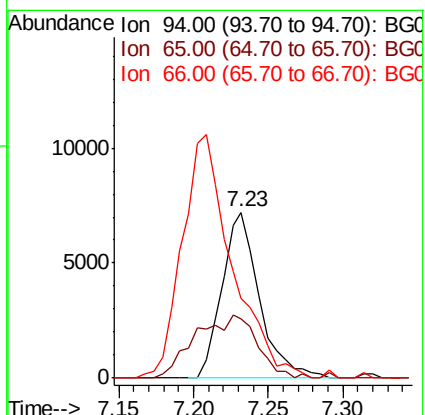
Tgt Ion: 94 Resp: 12627

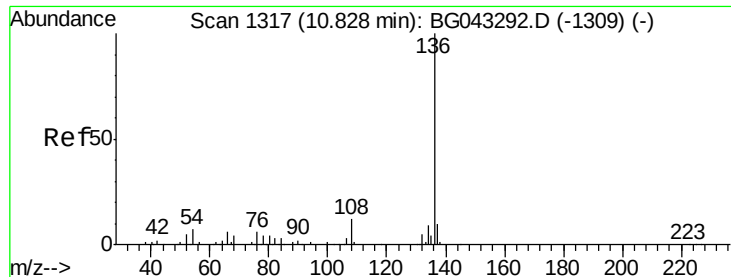
Ion Ratio Lower Upper

94 100

65 36.1 12.6 52.6

66 48.3 30.7 70.7

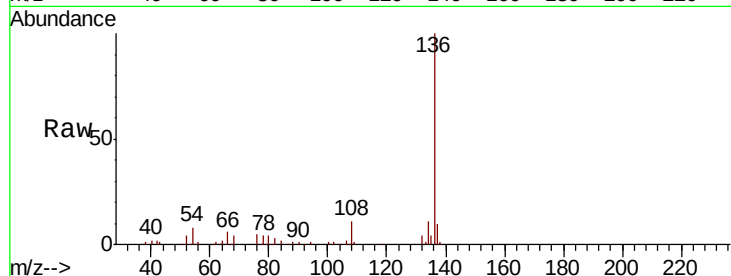




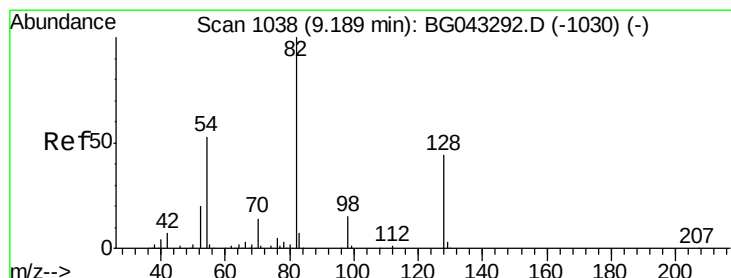
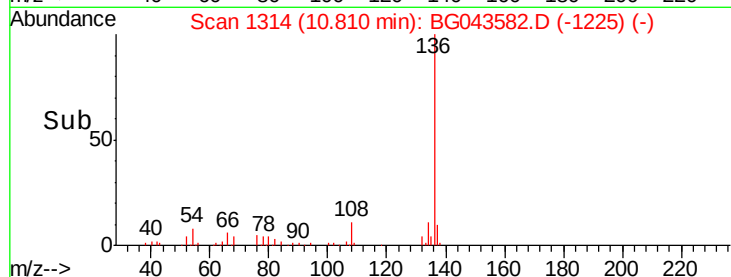
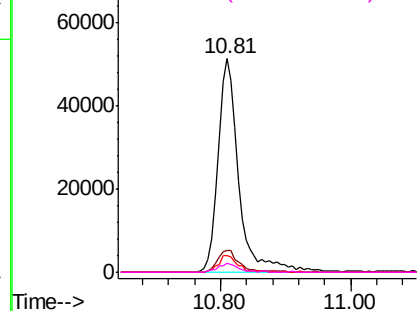
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tot Ion:136	Resp:	113301
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.7 13.1
54	7.8	5.4 8.2
68	4.0	3.0 4.4

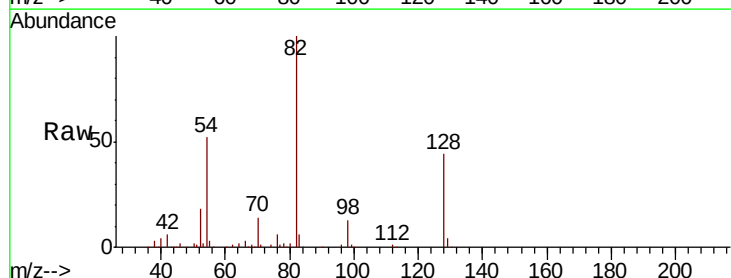


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

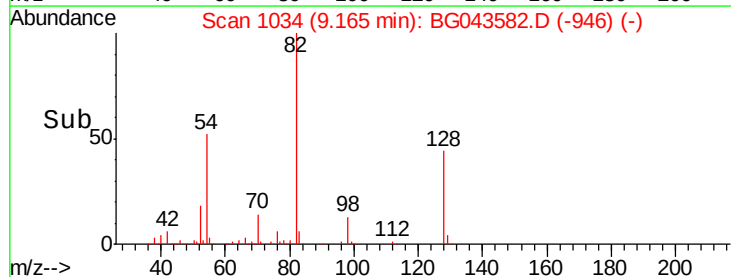
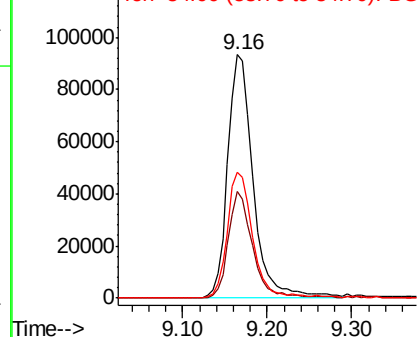


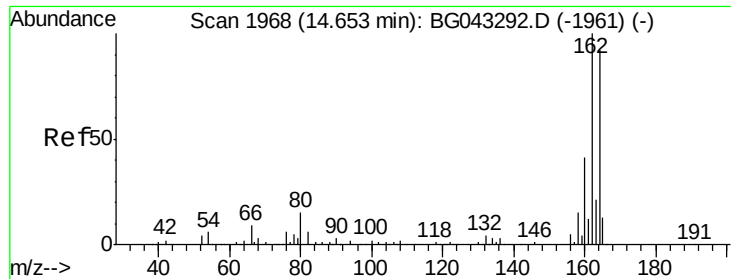
#23
Nitrobenzene-d5
Concen: 88.498 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion: 82	Resp:	194492
Ion	Ratio	Lower Upper
82	100	
128	43.7	35.0 52.6
54	51.9	40.2 60.2



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: 14.64 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-30-(6-8)

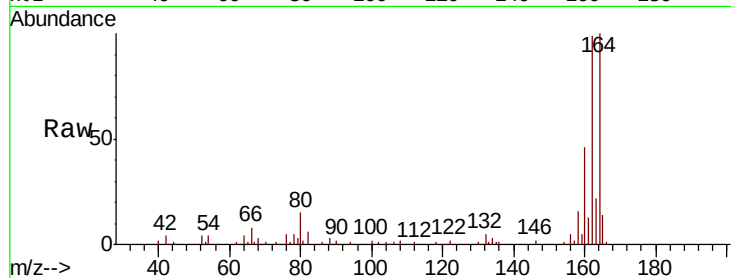
Tot Ion:164 Resp: 82849

Ion Ratio Lower Upper

164 100

162 99.0 83.5 125.3

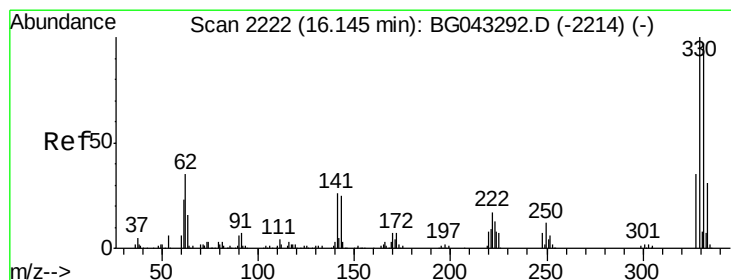
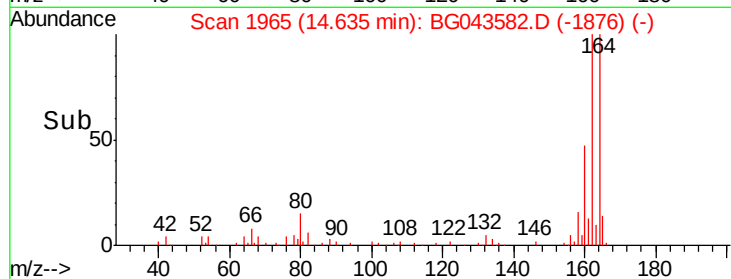
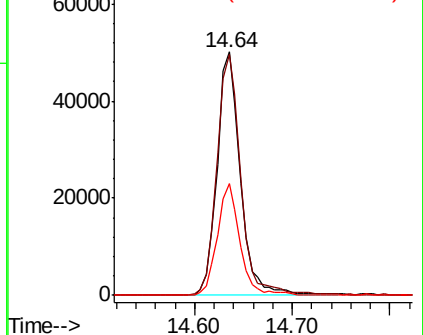
160 46.2 36.5 54.7



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: 117.421 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

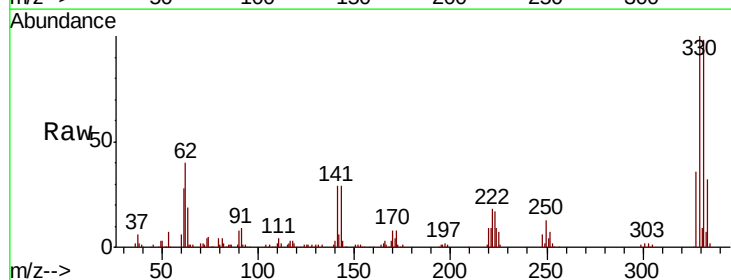
Tgt Ion:330 Resp: 185128

Ion Ratio Lower Upper

330 100

332 99.1 77.4 116.0

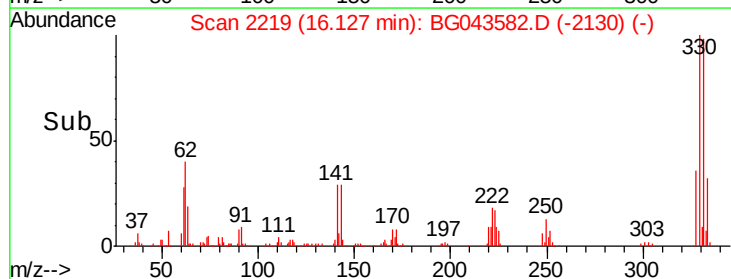
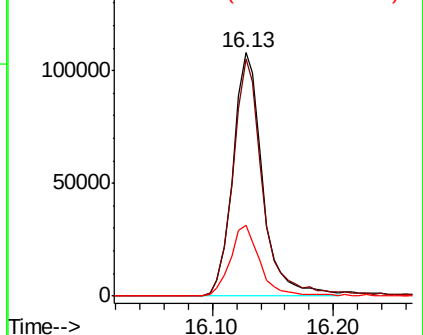
141 29.5 22.8 34.2

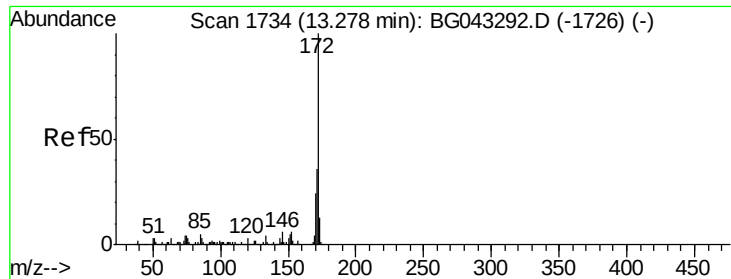


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

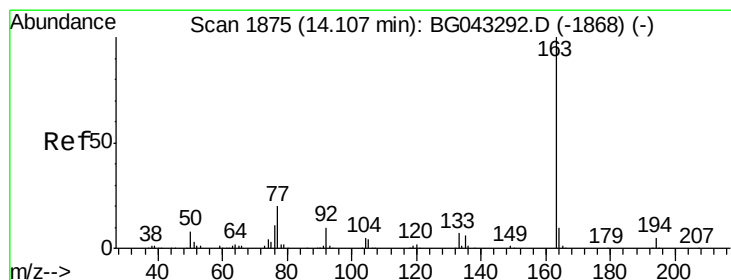
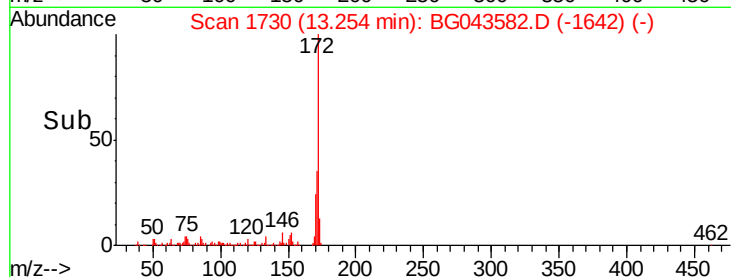
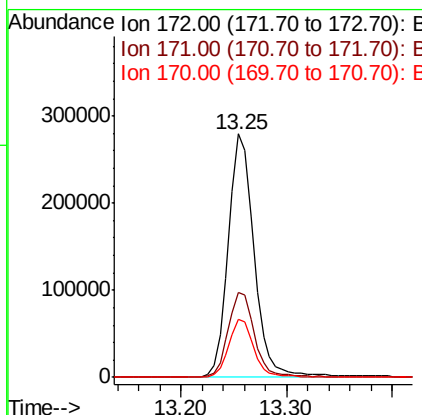
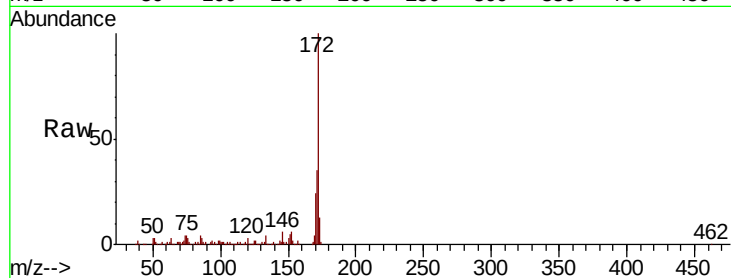




#45
2-Fluorobiphenyl
Concen: 79.086 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

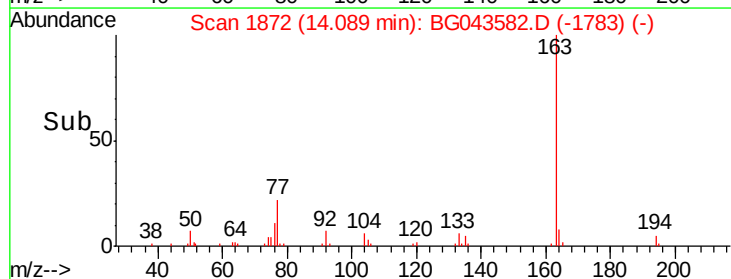
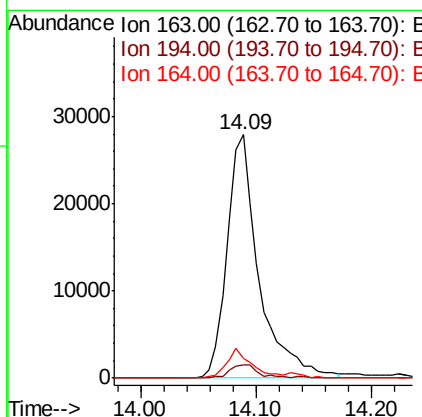
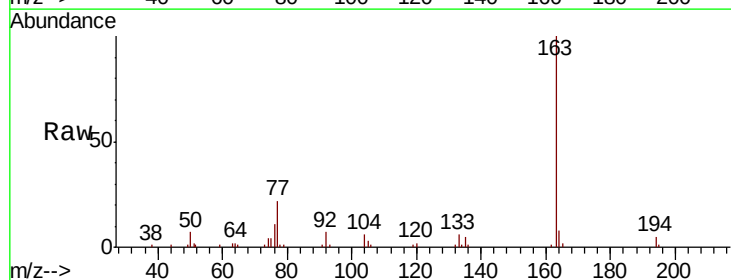
Instrument :
BNA_G
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SB-30-(6-8)

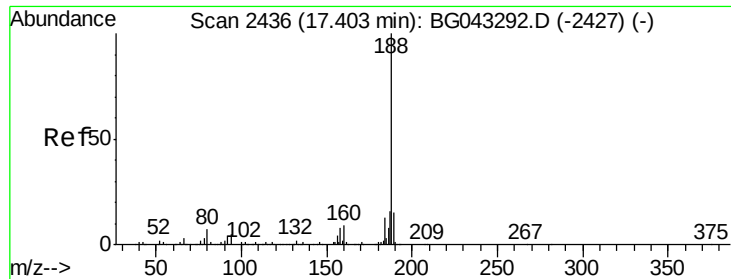
Tot Ion:172 Resp: 474179
Ion Ratio Lower Upper
172 100
171 35.0 28.9 43.3
170 23.7 18.5 27.7



#50
Dimethylphthalate
Concen: 8.320 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:163 Resp: 53390
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 8.0 8.9 13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-30-(6-8)

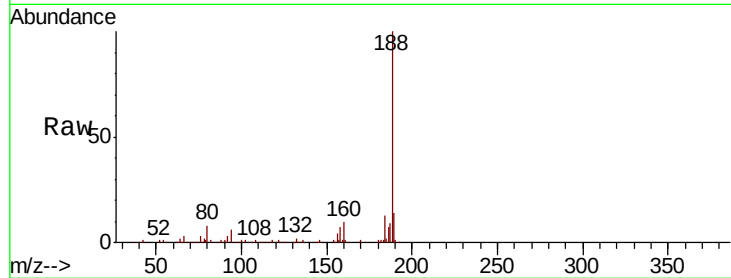
Tot Ion:188 Resp: 191502

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

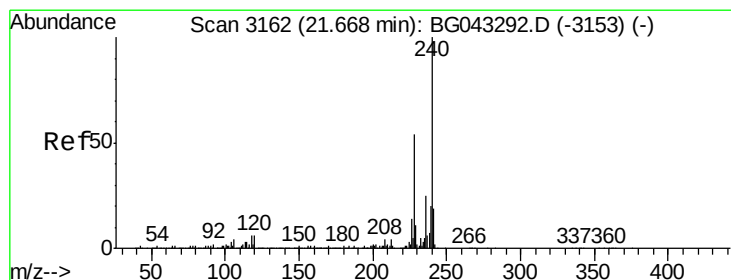
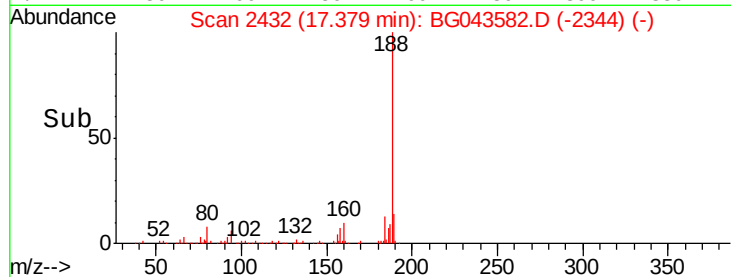
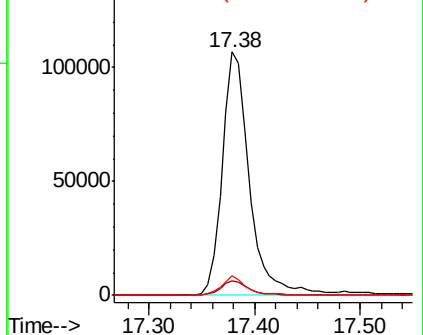
80 7.9 4.5 6.7#



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

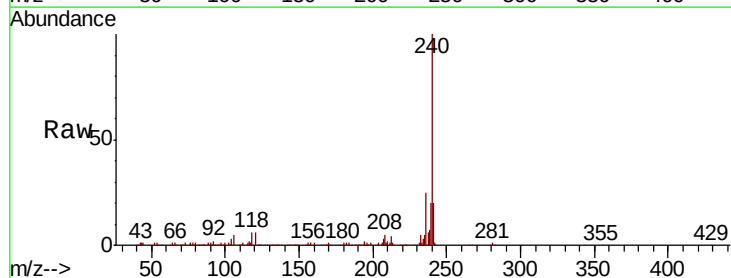
Tgt Ion:240 Resp: 195271

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

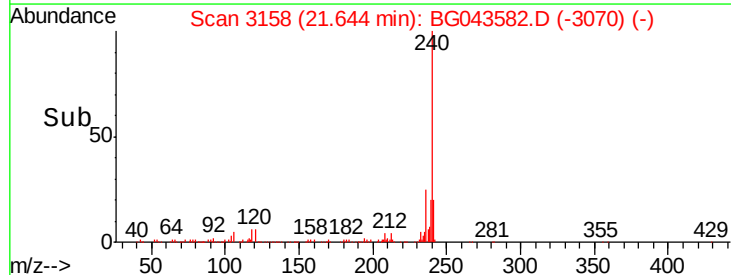
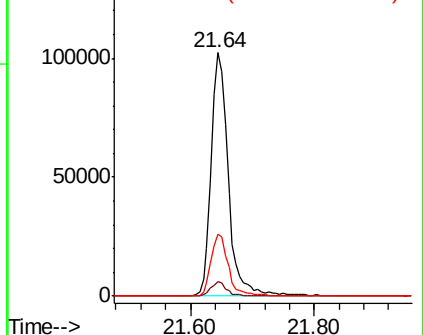
236 25.4 19.8 29.8

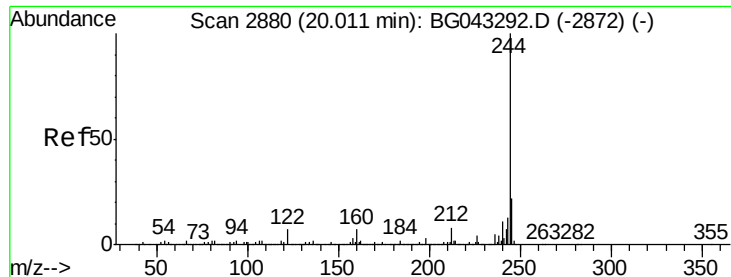


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.687 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-30-(6-8)

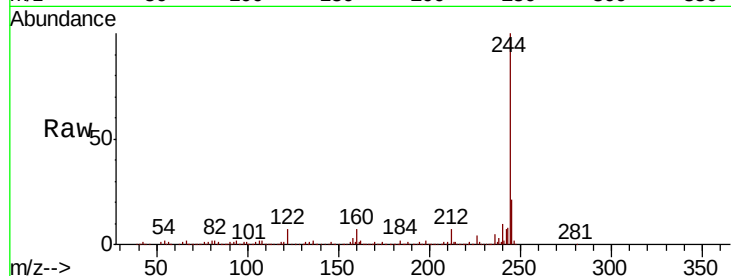
Tot Ion:244 Resp: 860656

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

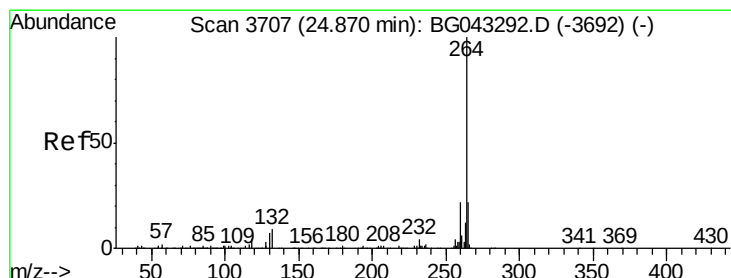
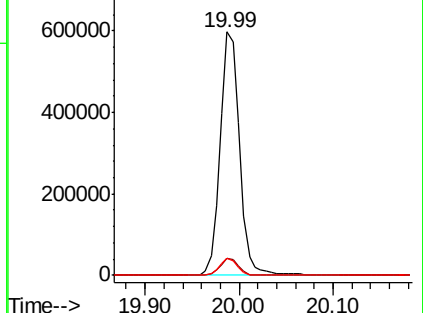
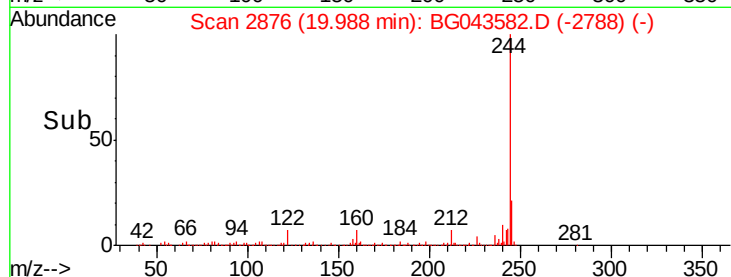
122 6.9 5.4 8.2



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: 24.83 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043582.D

Acq: 8 Nov 2019 23:11

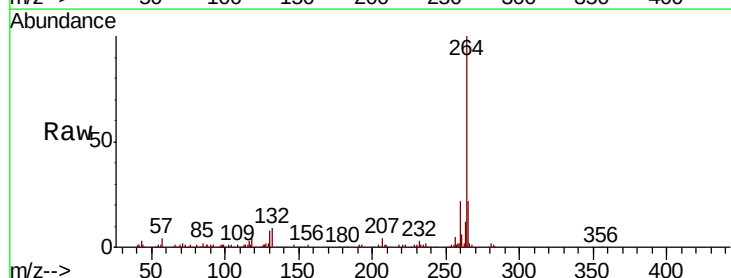
Tgt Ion:264 Resp: 221661

Ion Ratio Lower Upper

264 100

260 22.1 17.5 26.3

265 21.6 17.4 26.0



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

