

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043688.D
 Acq On : 19 Nov 2019 00:49
 Operator : JU
 Sample : K5833-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7-(12-14)

Quant Time: Nov 19 02:58:32 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

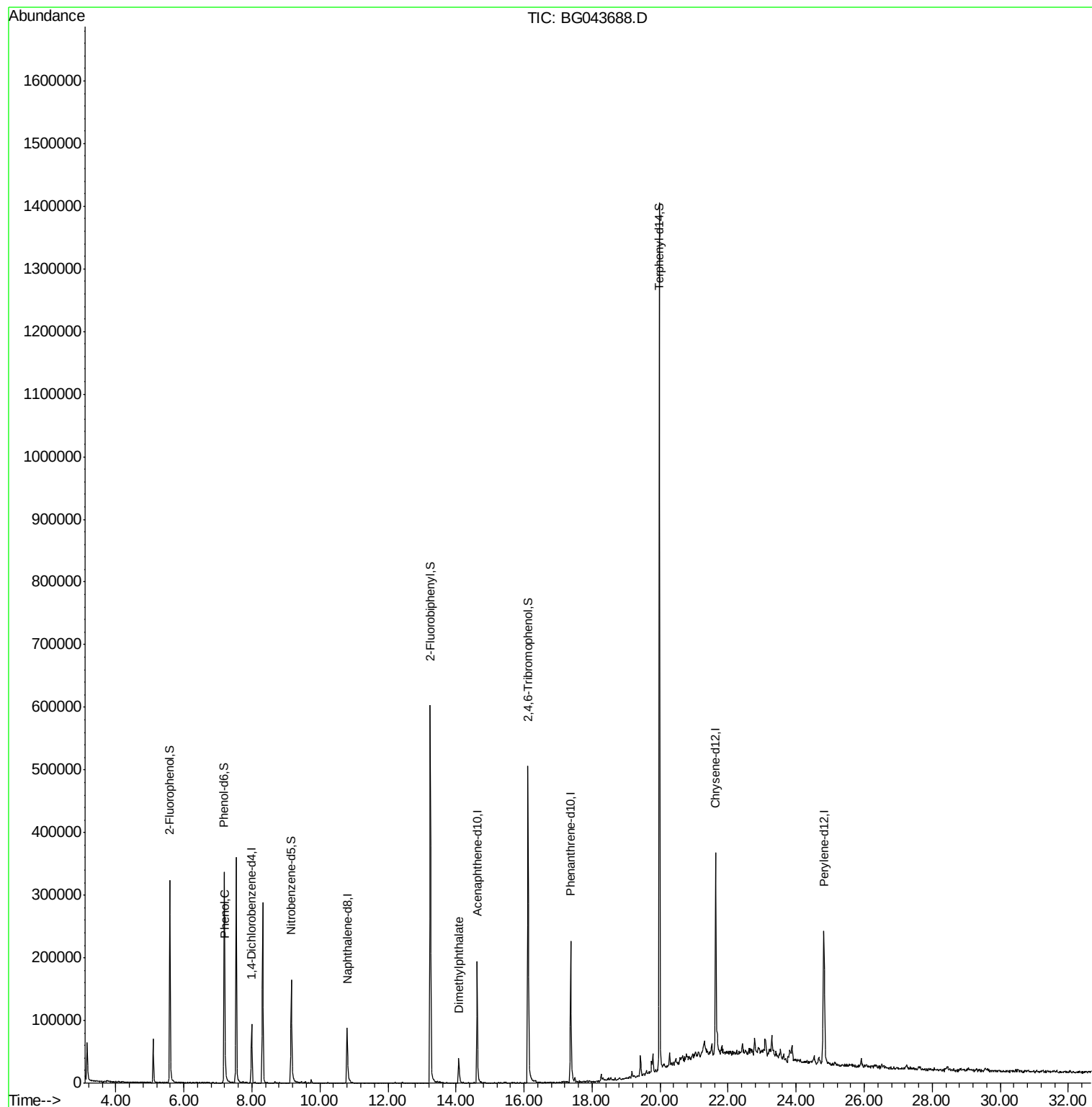
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28198	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	94282	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	72876	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	186728	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	205617	20.00	ng	-0.02
87) Perylene-d12	24.82	264	245104	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	150675	97.92	ng	0.00
7) Phenol-d6	7.19	99	216971	98.00	ng	-0.01
23) Nitrobenzene-d5	9.15	82	122828	67.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	132009	95.19	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	363705	68.96	ng	-0.02
79) Terphenyl-d14	19.98	244	760863	69.42	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	8784	4.342	ng	# 55
50) Dimethylphthalate	14.08	163	38612	6.840	ng	# 98

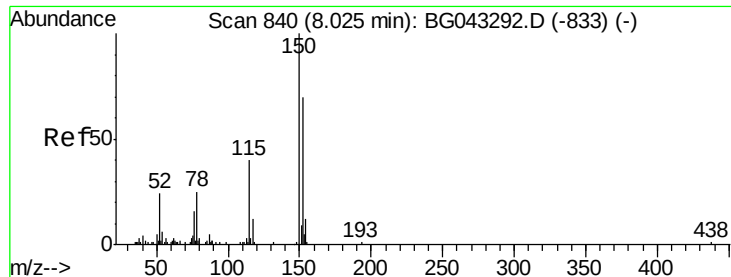
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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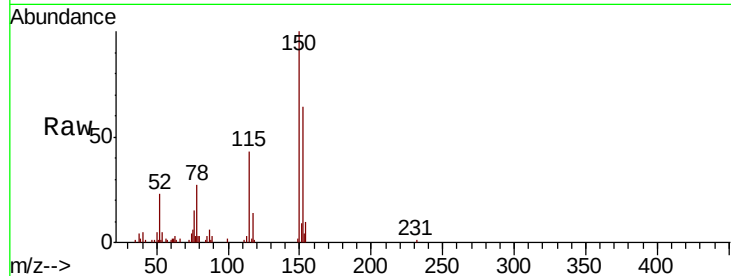


#1

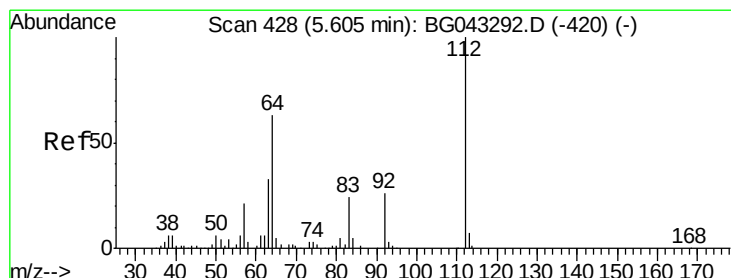
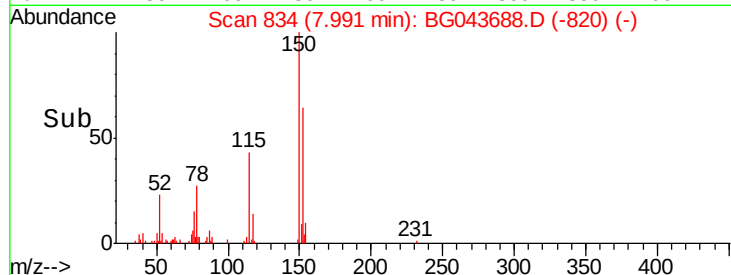
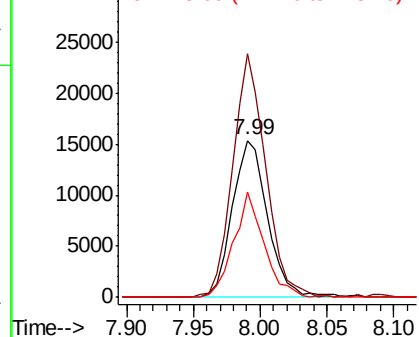
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tot Ion:152 Resp: 28198
Ion Ratio Lower Upper
152 100
150 155.5 129.4 194.0
115 67.4 48.8 73.2



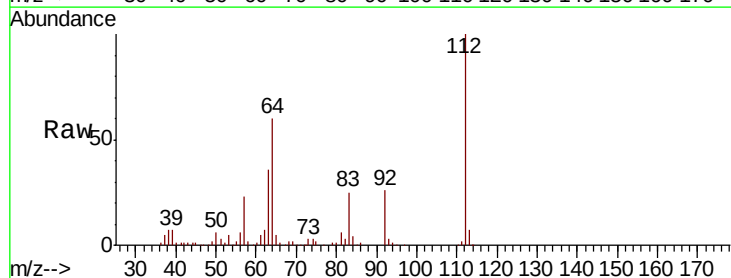
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



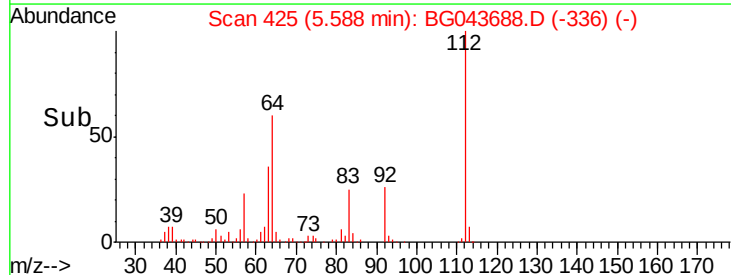
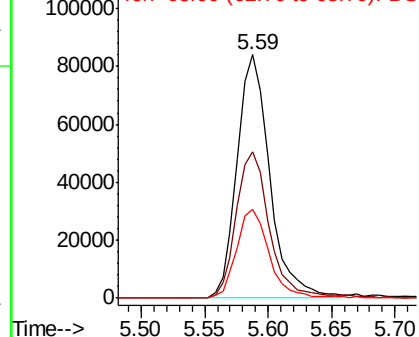
#5

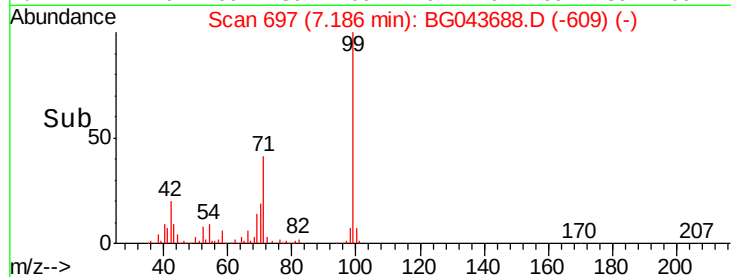
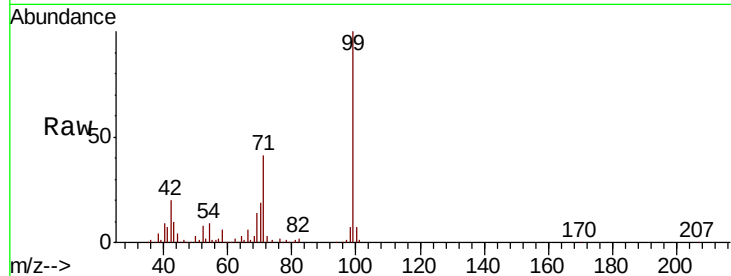
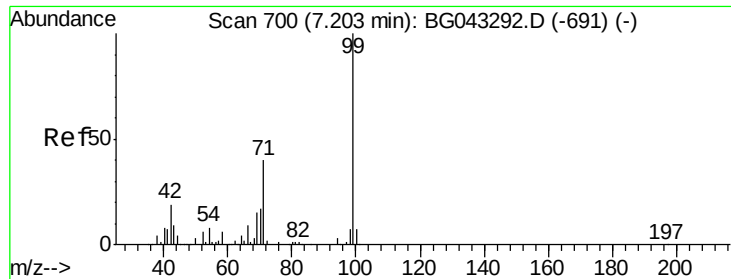
2-Fluorophenol
Concen: 97.916 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:112 Resp: 150675
Ion Ratio Lower Upper
112 100
64 60.3 50.0 75.0
63 36.4 26.6 40.0



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: 98.000 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

Instrument :

BNA_G

ClientSampled :

7-(12-14)

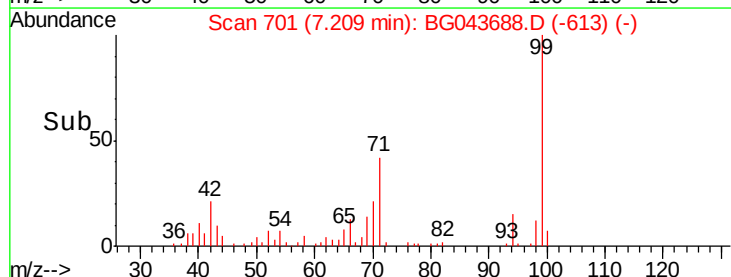
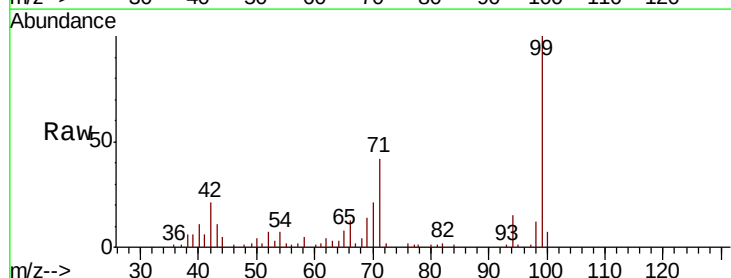
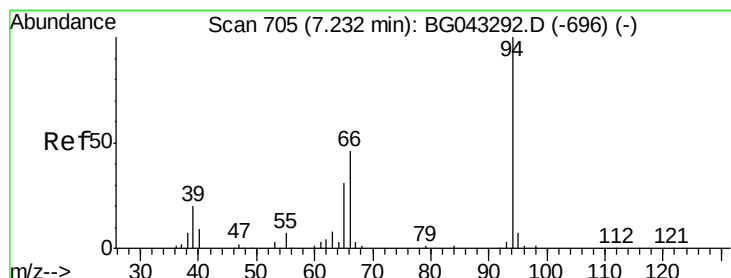
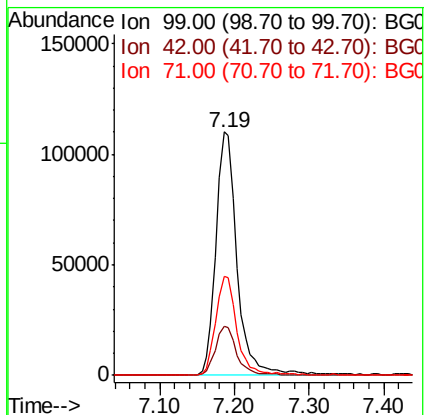
Tot Ion: 99 Resp: 216971

Ion Ratio Lower Upper

99 100

42 20.2 14.6 21.8

71 40.6 32.5 48.7



#10

Phenol

Concen: 4.342 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

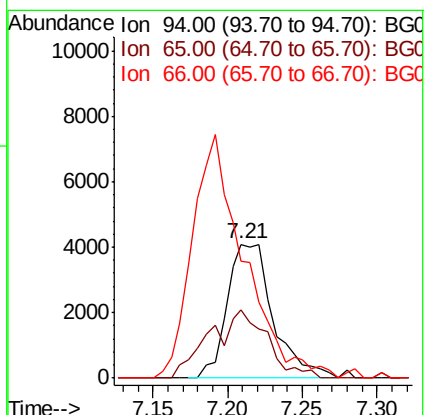
Tgt Ion: 94 Resp: 8784

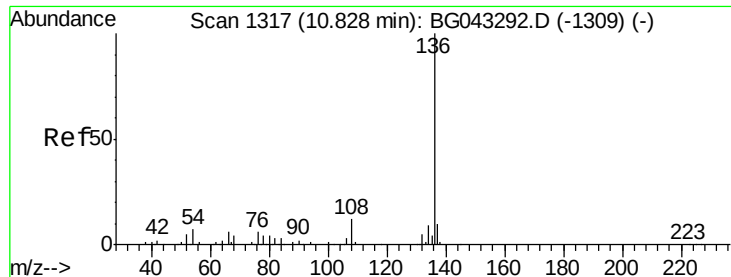
Ion Ratio Lower Upper

94 100

65 51.1 12.6 52.6

66 87.2 30.7 70.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

Instrument :

BNA_G

ClientSampleId :

7-(12-14)

Tot Ion:136 Resp: 94282

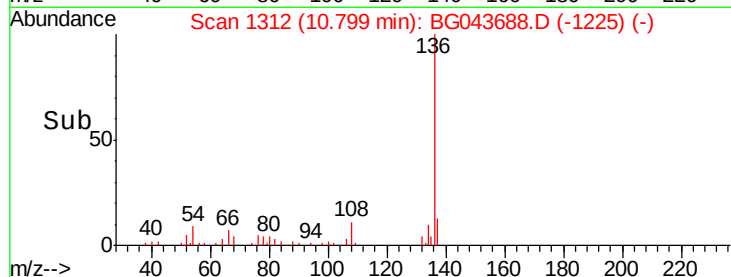
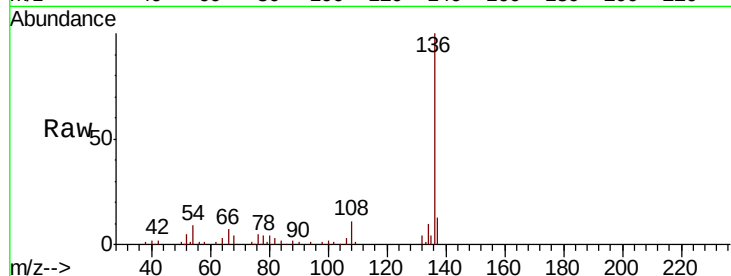
Ion Ratio Lower Upper

136 100

137 12.6 8.7 13.1

54 9.2 5.4 8.2#

68 4.2 3.0 4.4

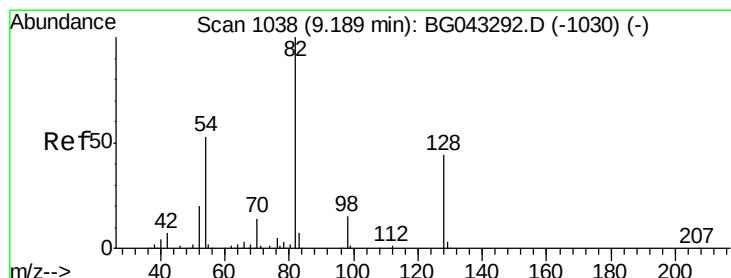
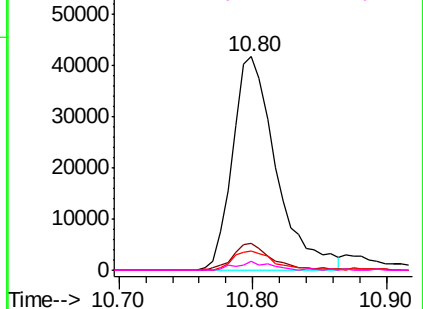


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.164 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

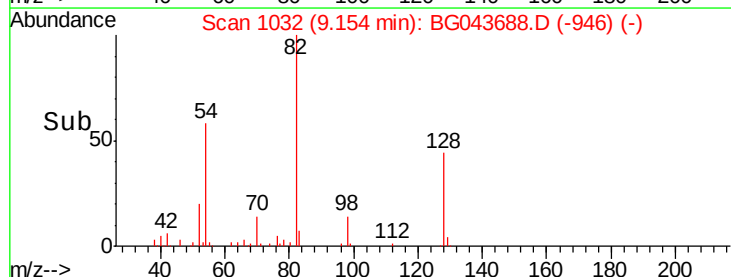
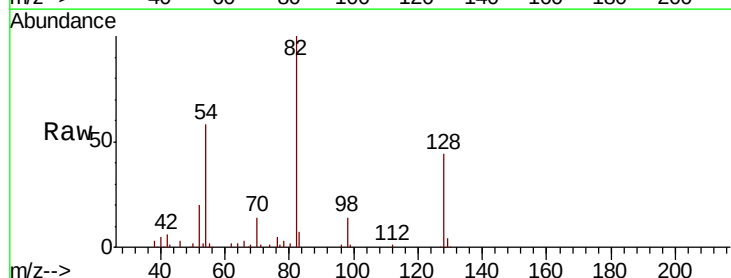
Tgt Ion: 82 Resp: 122828

Ion Ratio Lower Upper

82 100

128 44.2 35.0 52.6

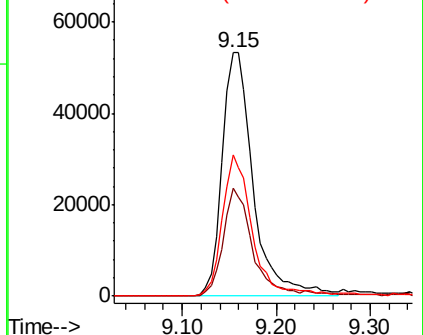
54 58.0 40.2 60.2

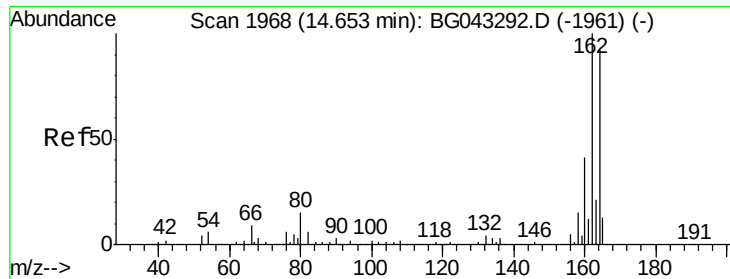


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

Instrument :

BNA_G

ClientSampleId :

7-(12-14)

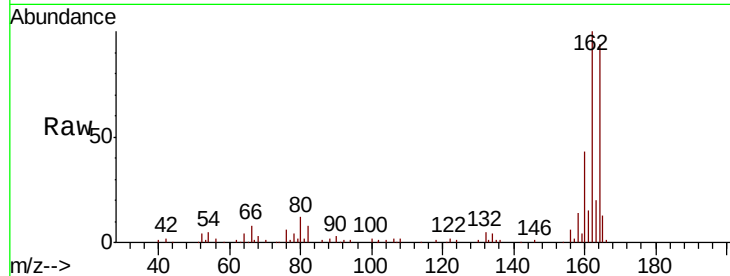
Tot Ion:164 Resp: 72876

Ion Ratio Lower Upper

164 100

162 106.5 83.5 125.3

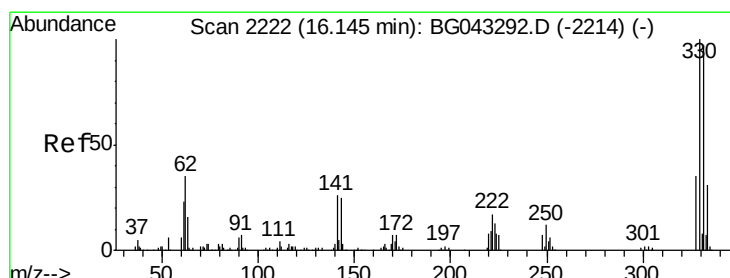
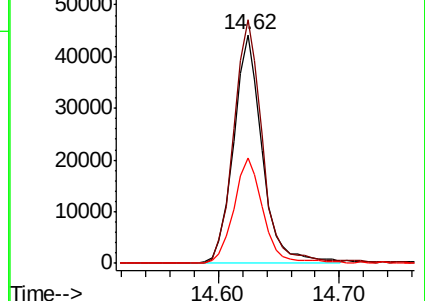
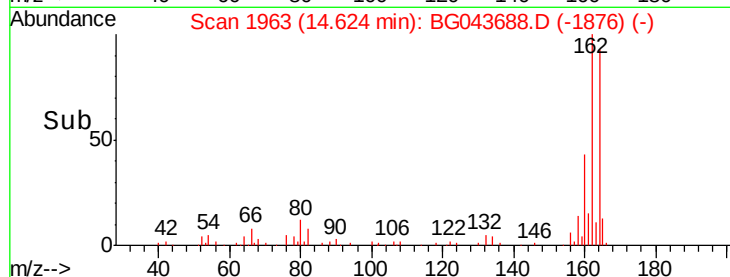
160 46.0 36.5 54.7



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: 95.187 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

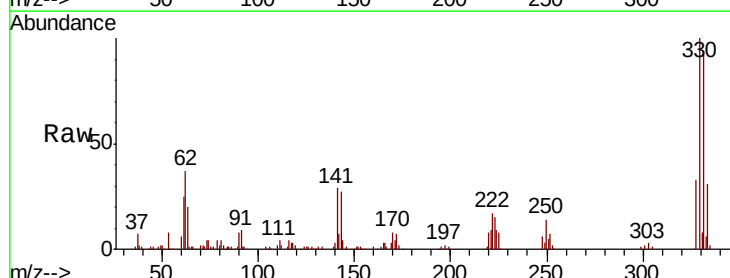
Tgt Ion:330 Resp: 132009

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.0

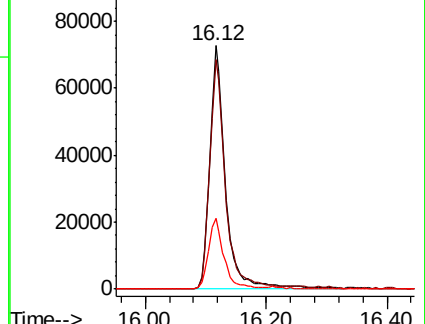
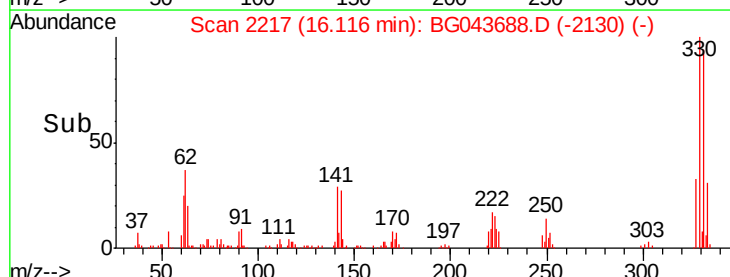
141 29.0 22.8 34.2

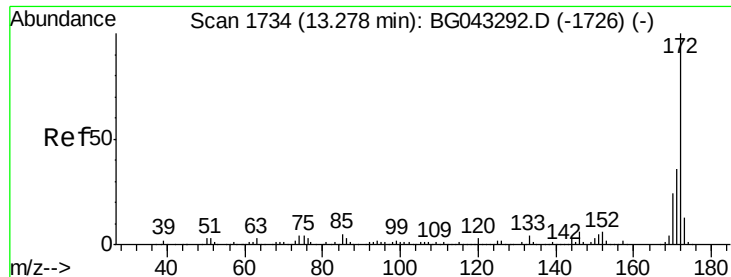


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

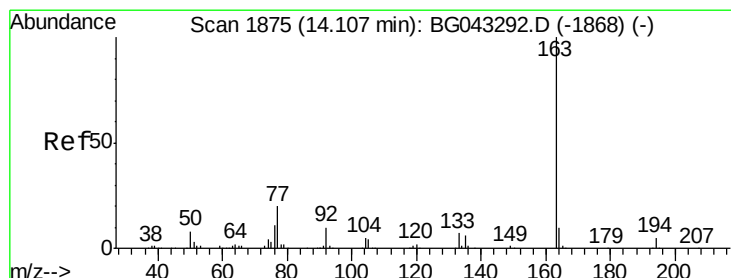
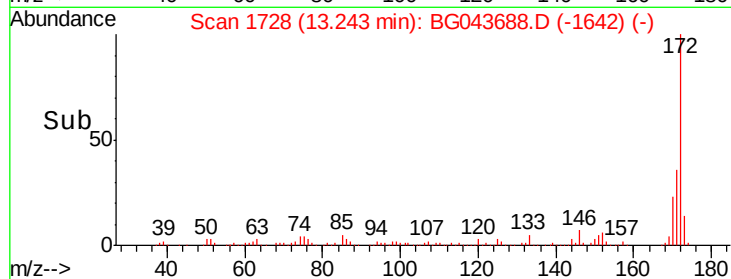
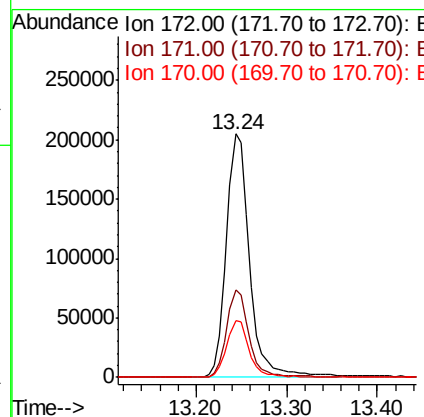
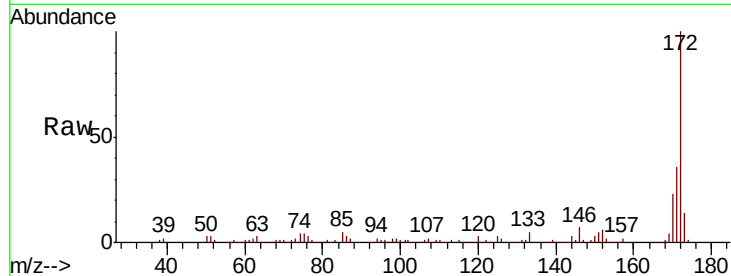




#45
2-Fluorobiphenyl
Concen: 68.962 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

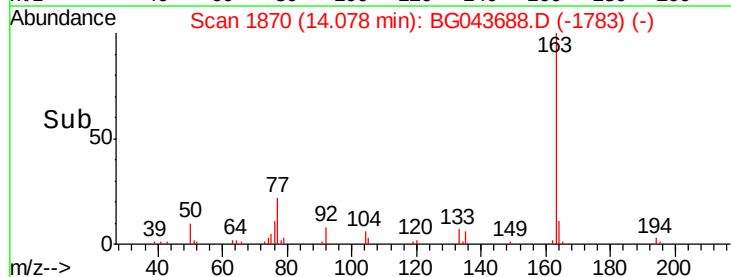
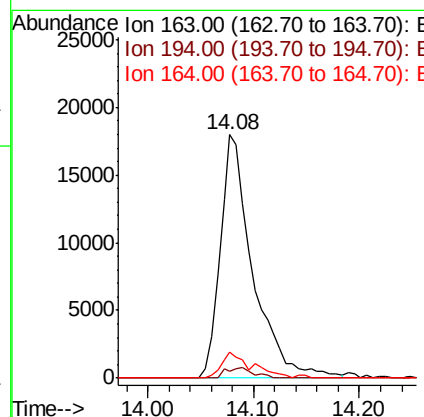
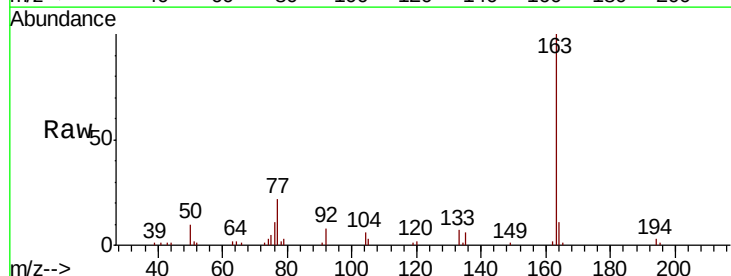
Instrument :
BNA_G
ClientSampleId :
7-(12-14)

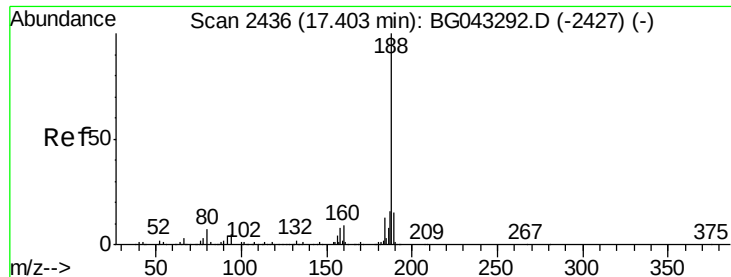
Tot Ion:172 Resp: 363705
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.2 18.5 27.7



#50
Dimethylphthalate
Concen: 6.840 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:163 Resp: 38612
Ion Ratio Lower Upper
163 100
194 2.8 3.8 5.6#
164 10.8 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

Instrument :

BNA_G

ClientSampleId :

7-(12-14)

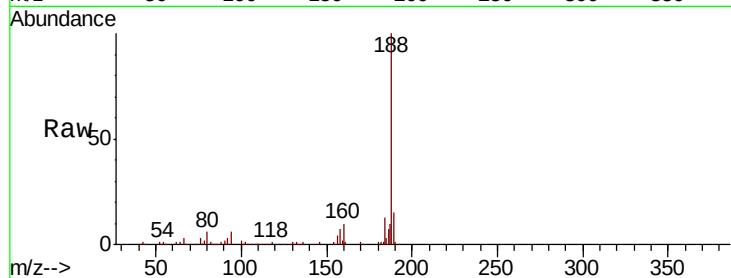
Tot Ion:188 Resp: 186728

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

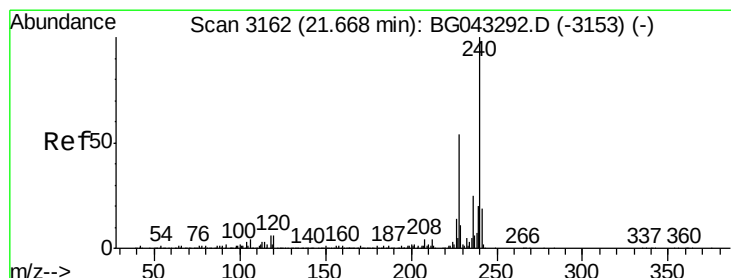
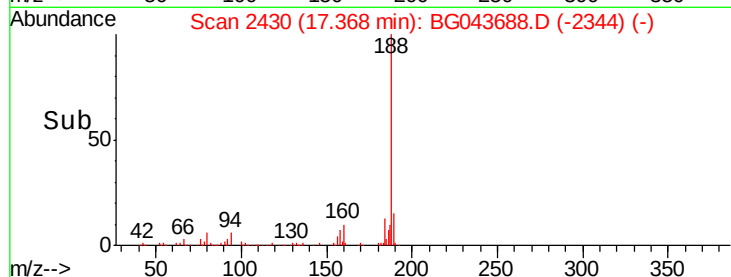
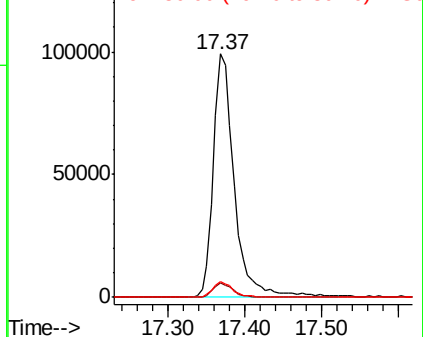
80 6.2 4.5 6.7



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: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

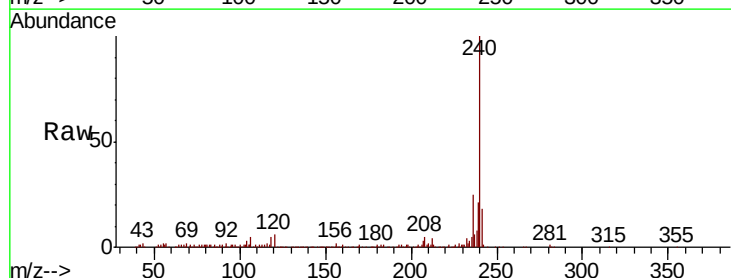
Tgt Ion:240 Resp: 205617

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

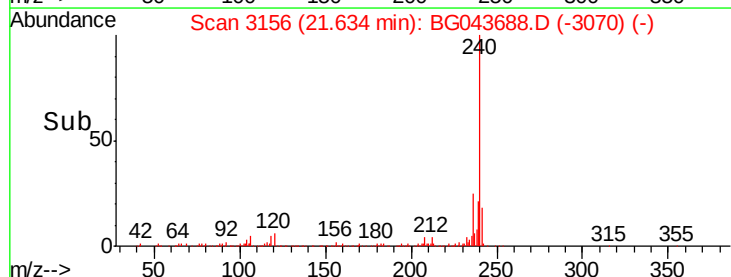
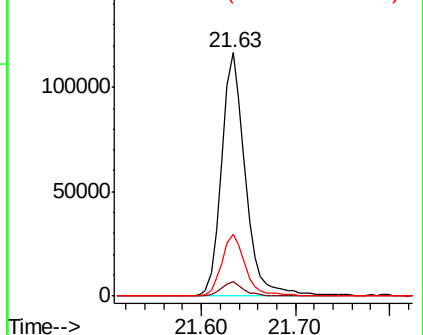
236 25.2 19.8 29.8

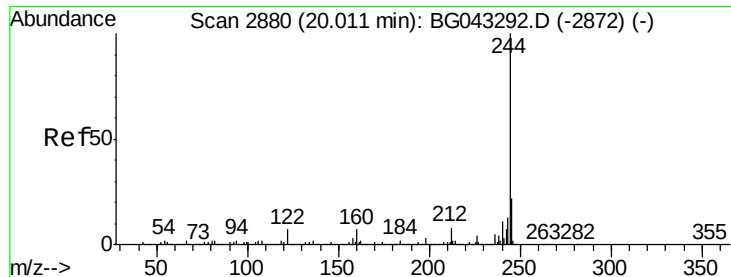


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.421 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

Instrument :

BNA_G

ClientSampleId :

7-(12-14)

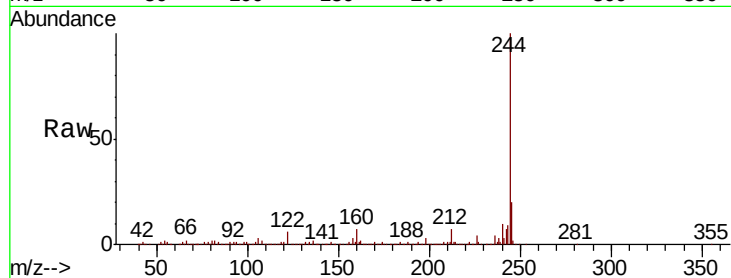
Tot Ion:244 Resp: 760863

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

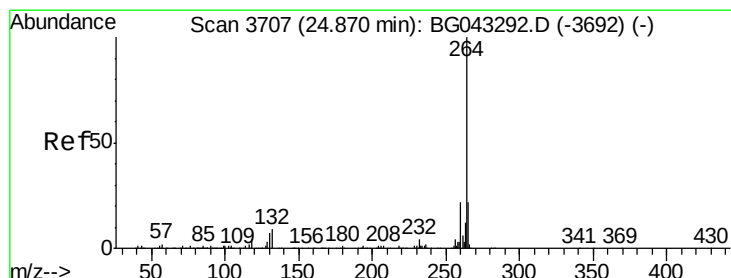
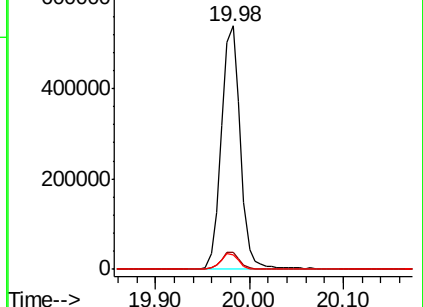
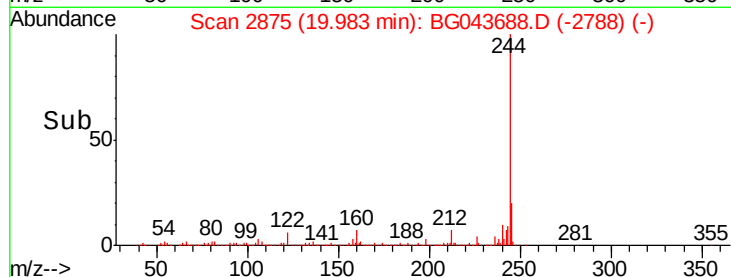
122 6.0 5.4 8.2



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: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043688.D

Acq: 19 Nov 2019 00:49

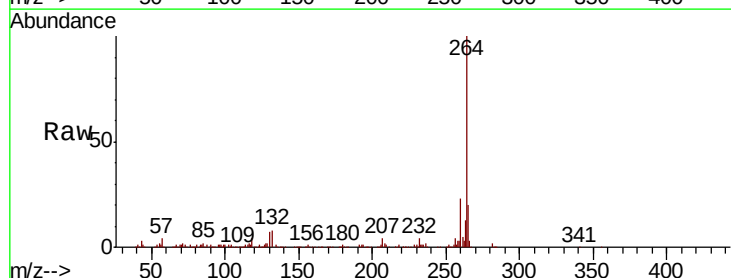
Tgt Ion:264 Resp: 245104

Ion Ratio Lower Upper

264 100

260 23.2 17.5 26.3

265 19.6 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

