

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042854.D
 Acq On : 16 Sep 2019 18:33
 Operator : HP/JU
 Sample : K4859-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW200A-B4-091119

Quant Time: Sep 17 04:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

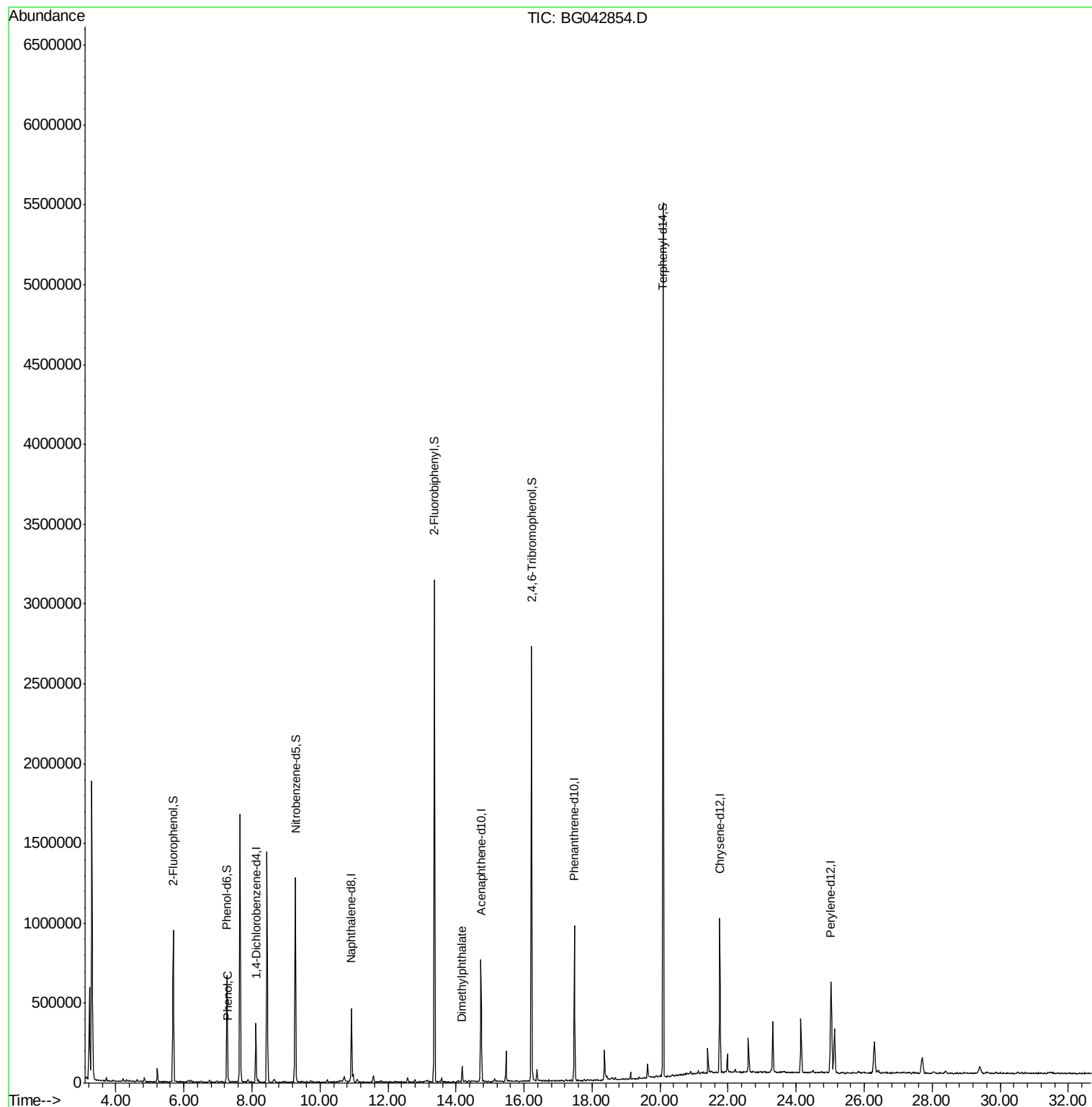
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103786	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	392107	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	271420	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	596846	20.00	ng	0.00
76) Chrysene-d12	21.76	240	589123	20.00	ng	0.00
87) Perylene-d12	25.03	264	639814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	396254	66.38	ng	0.00
7) Phenol-d6	7.27	99	372928	43.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	804190	106.78	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	529014	146.50	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1659029	96.76	ng	0.00
79) Terphenyl-d14	20.09	244	2515135	94.62	ng	0.00
Target Compounds						
10) Phenol	7.30	94	22265	2.534	ng	96
50) Dimethylphthalate	14.18	163	63064	3.102	ng	96

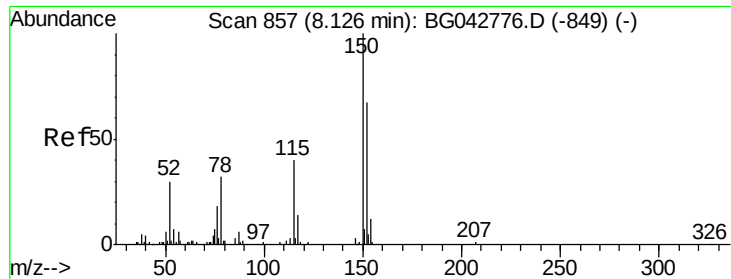
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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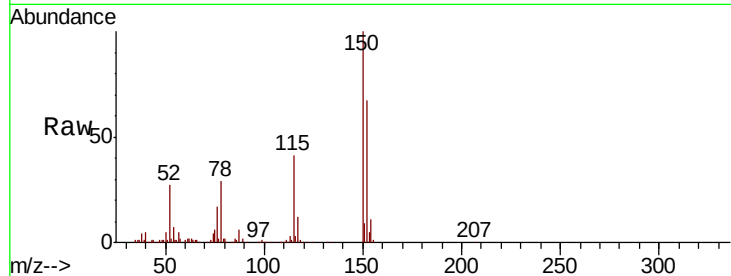


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :
IDW-GW200A-B4-091119

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	118.9	178.3
115	61.4	47.4	71.2

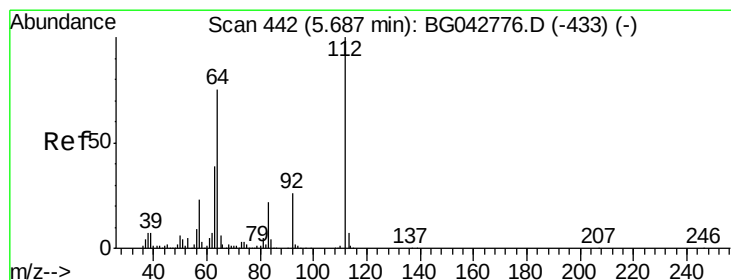
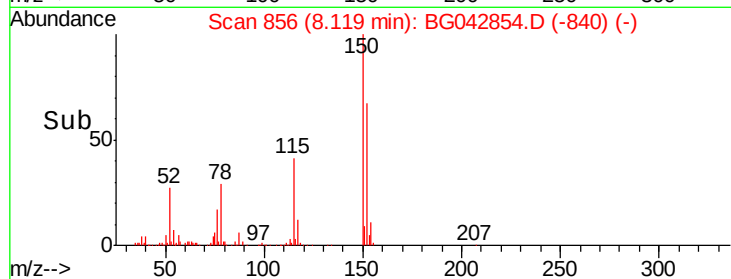
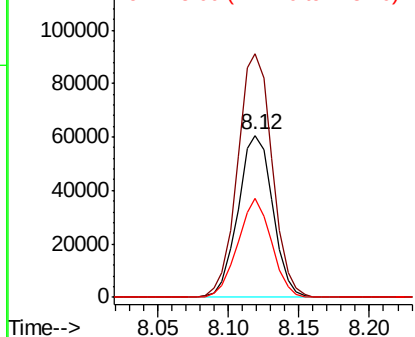


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

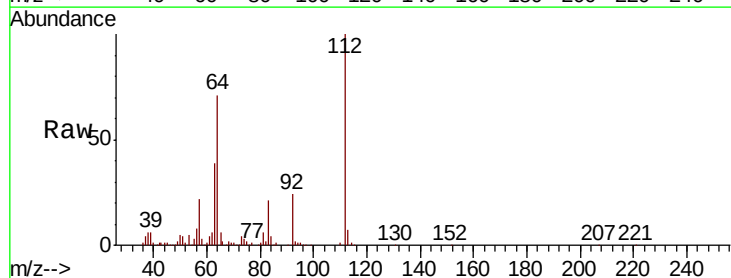
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.378 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	60.2	90.2
63	39.5	31.2	46.8

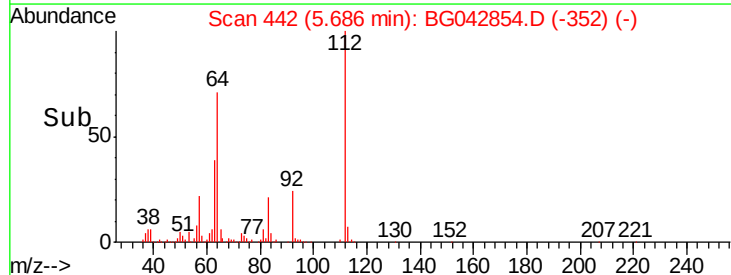
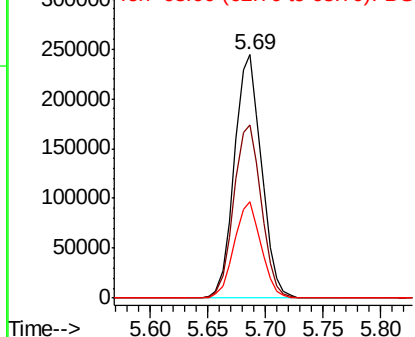


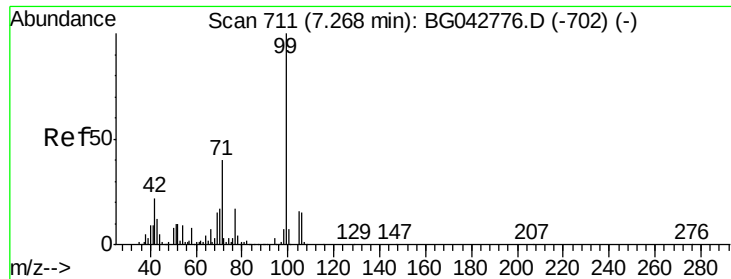
Abundance

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: 43.523 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

Instrument :

BNA_G

ClientSampleId :

IDW-GW200A-B4-091119

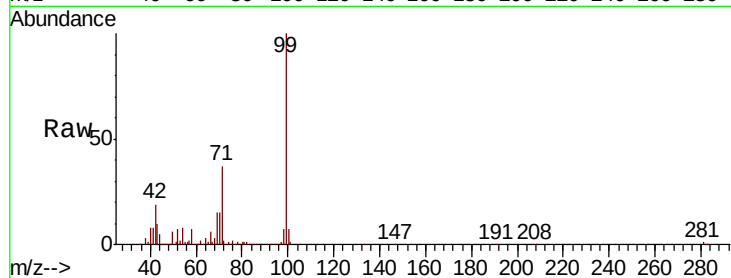
Tot Ion: 99 Resp: 372928

Ion Ratio Lower Upper

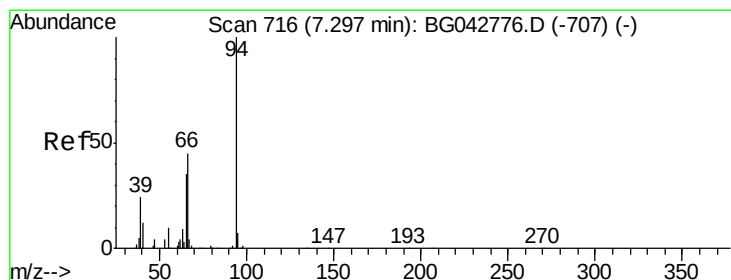
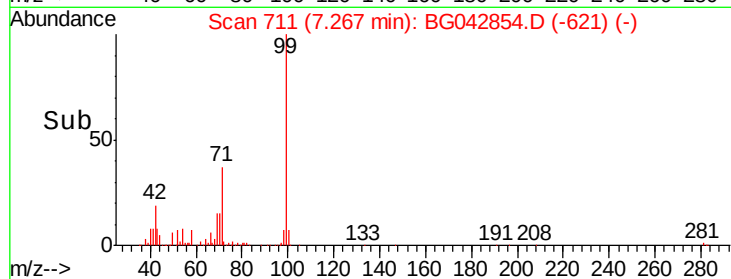
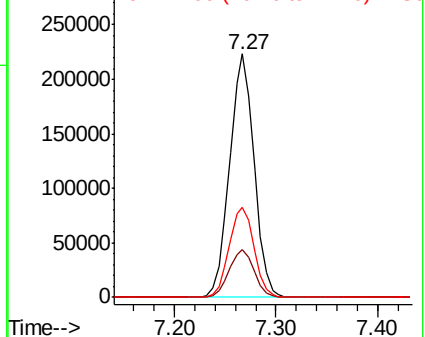
99 100

42 19.5 17.5 26.3

71 37.1 32.0 48.0



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



#10

Phenol

Concen: 2.534 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

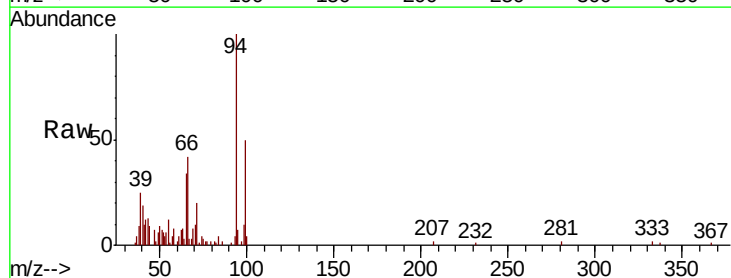
Tgt Ion: 94 Resp: 22265

Ion Ratio Lower Upper

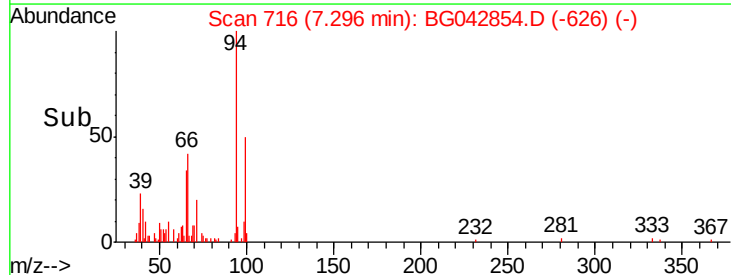
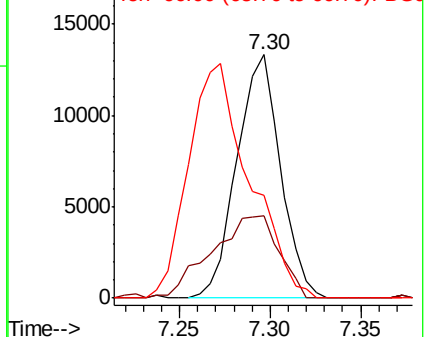
94 100

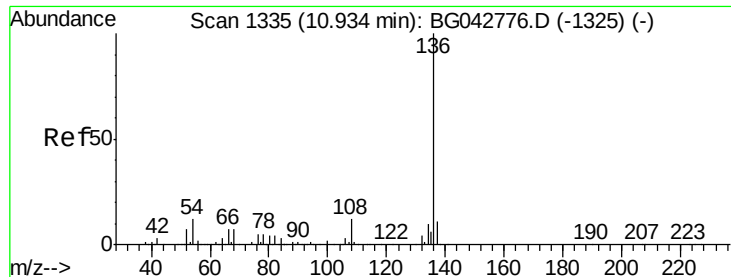
65 33.6 15.0 55.0

66 42.2 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

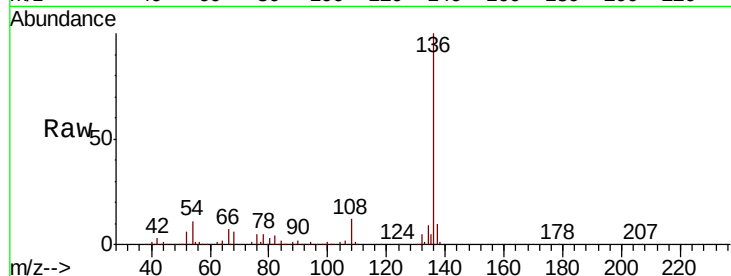




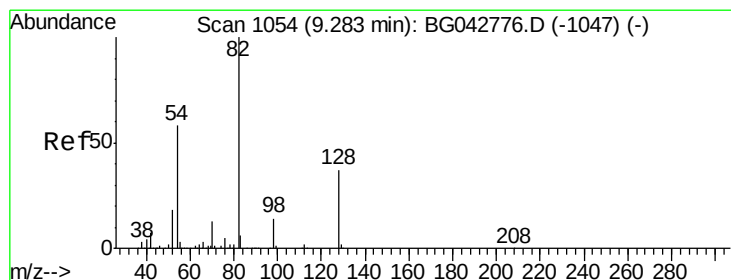
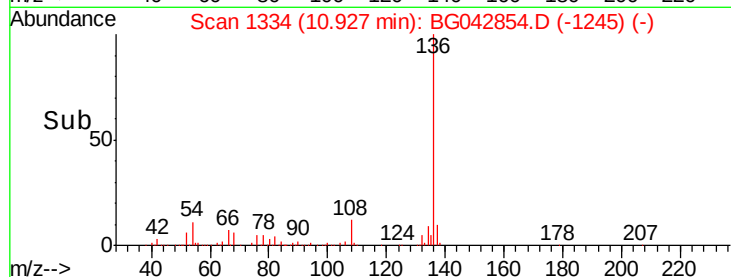
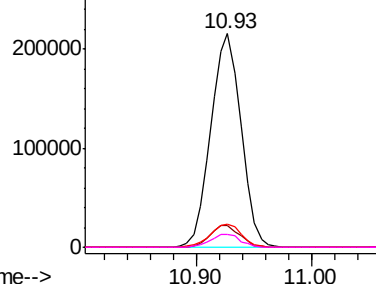
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :
IDW-GW200A-B4-091119

Tot Ion:136	Resp:	392107
Ion	Ratio	Lower Upper
136	100	
137	10.0	9.0 13.6
54	10.6	9.4 14.0
68	6.0	5.4 8.2

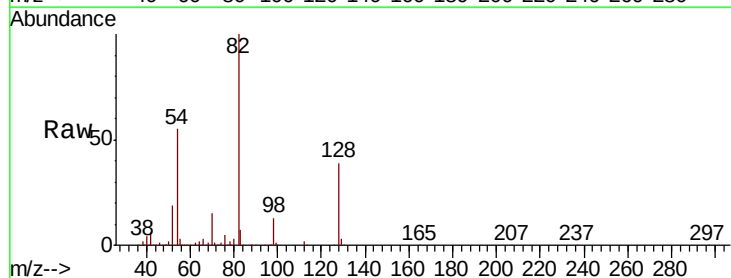


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

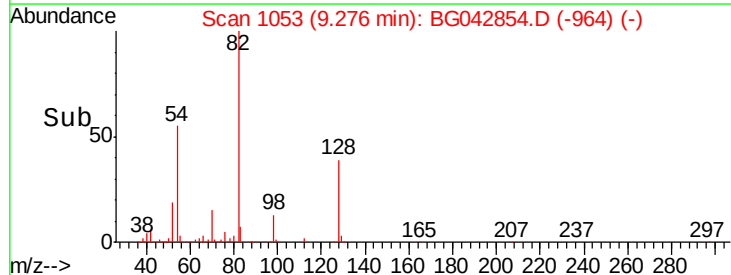
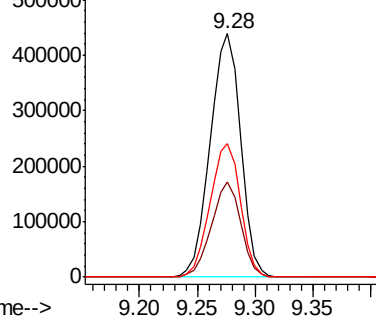


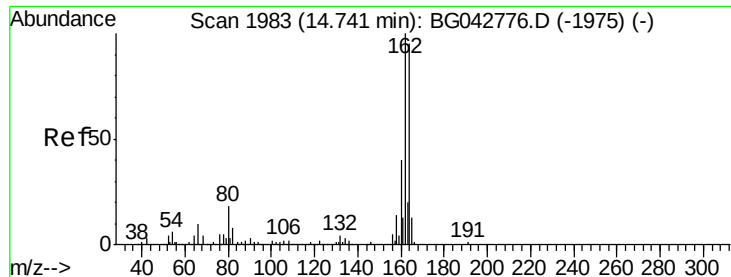
#23
Nitrobenzene-d5
Concen: 106.777 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion: 82	Resp:	804190
Ion	Ratio	Lower Upper
82	100	
128	38.9	29.8 44.8
54	55.1	46.1 69.1



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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

Instrument :

BNA_G

ClientSampleId :

IDW-GW200A-B4-091119

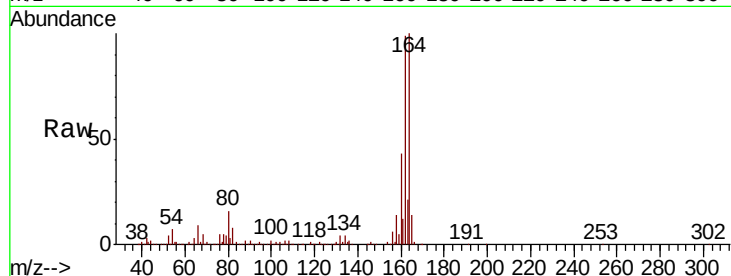
Tot Ion:164 Resp: 271420

Ion Ratio Lower Upper

164 100

162 99.1 84.6 126.8

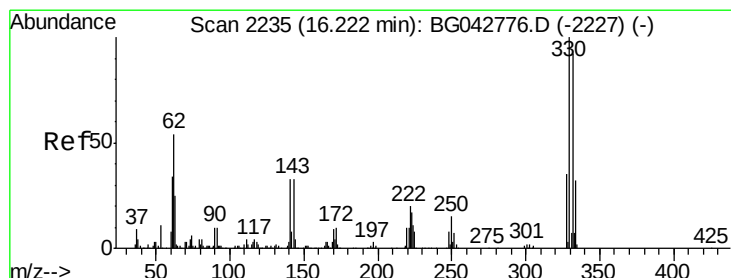
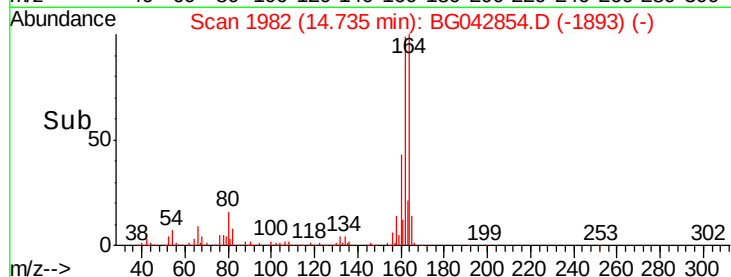
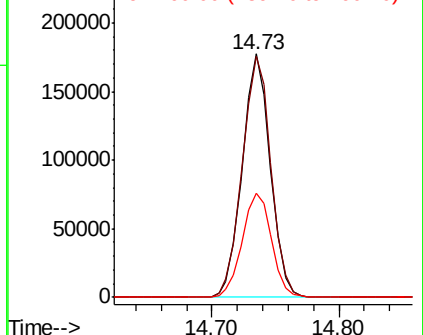
160 42.6 34.2 51.2



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: 146.499 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

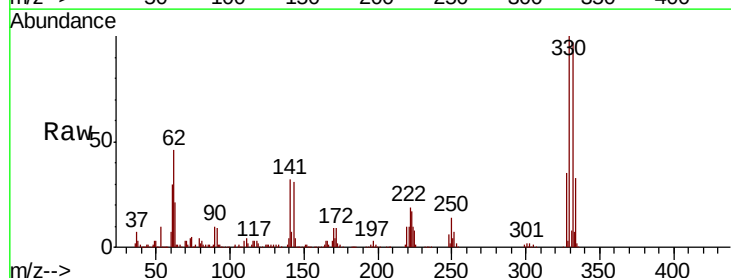
Tgt Ion:330 Resp: 529014

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

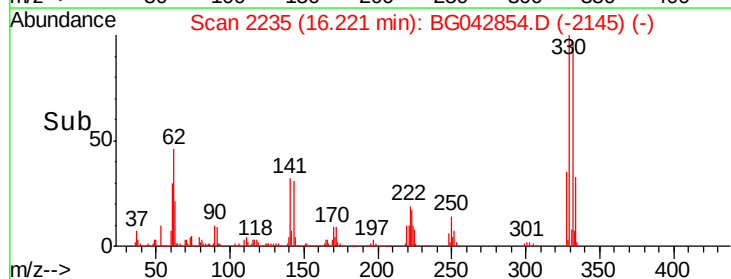
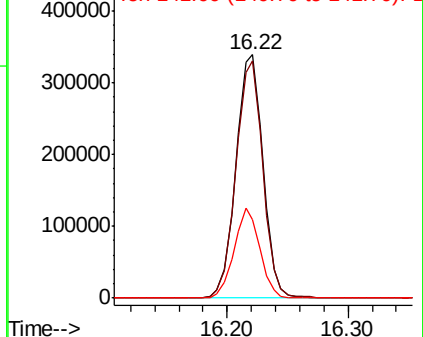
141 35.3 27.0 40.6

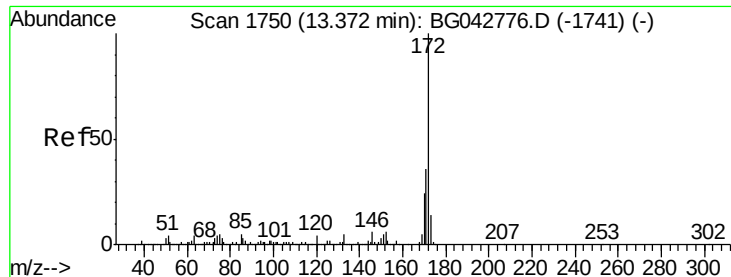


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

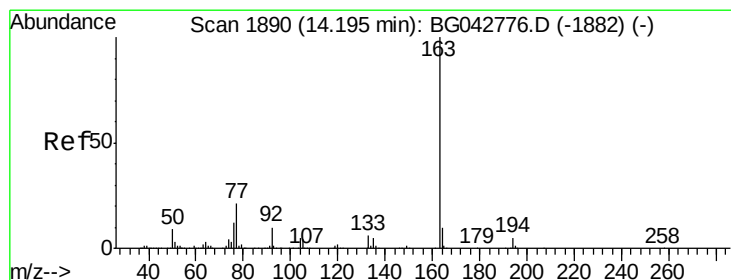
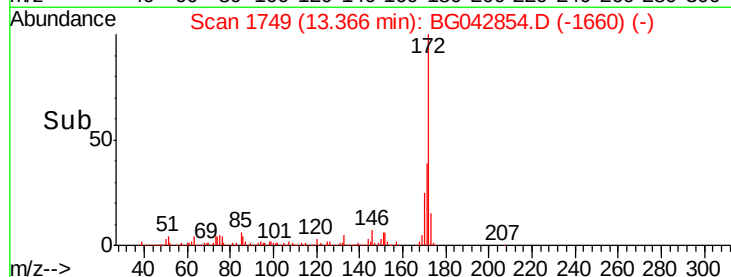
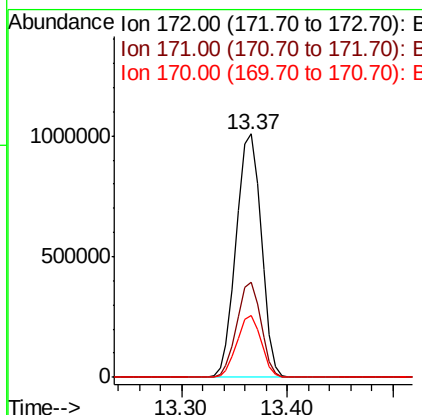
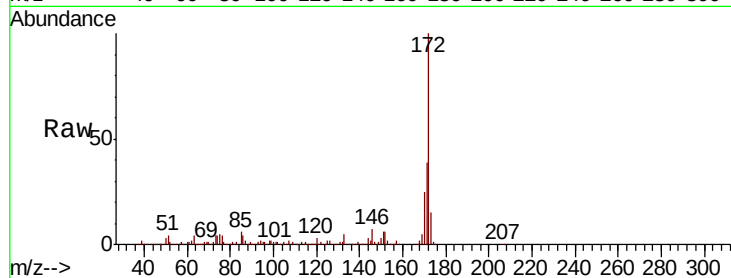




#45
2-Fluorobiphenyl
Concen: 96.755 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

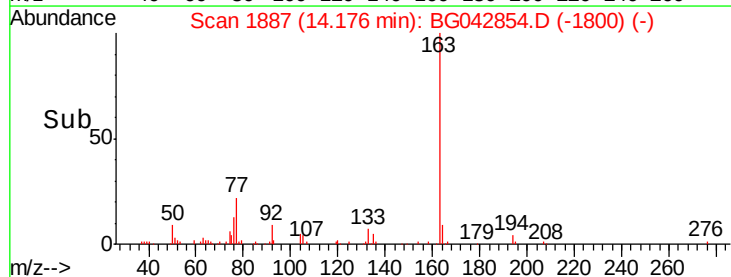
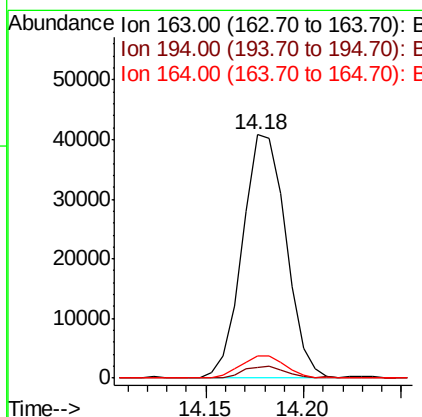
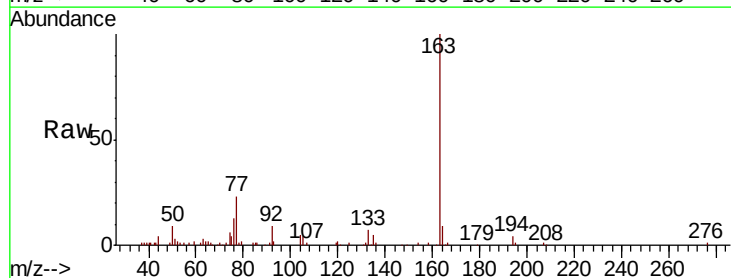
Instrument :
BNA_G
ClientSampleId :
IDW-GW200A-B4-091119

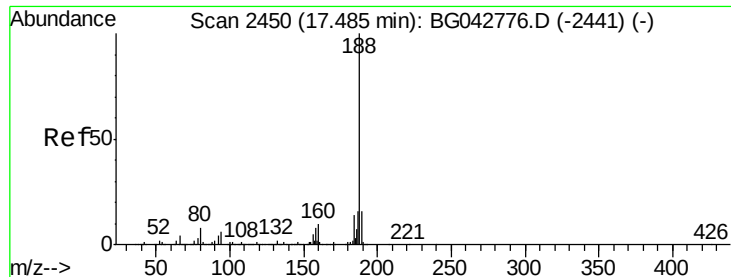
Tot Ion:172 Resp: 1659029
Ion Ratio Lower Upper
172 100
171 39.1 28.9 43.3
170 25.4 19.1 28.7



#50
Dimethylphthalate
Concen: 3.102 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:163 Resp: 63064
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.4
164 9.1 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

Instrument :

BNA_G

ClientSampleId :

IDW-GW200A-B4-091119

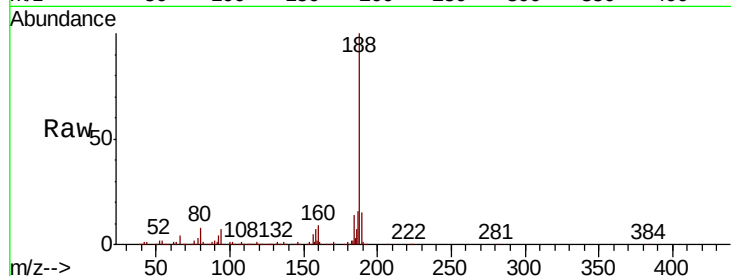
Tot Ion:188 Resp: 596846

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

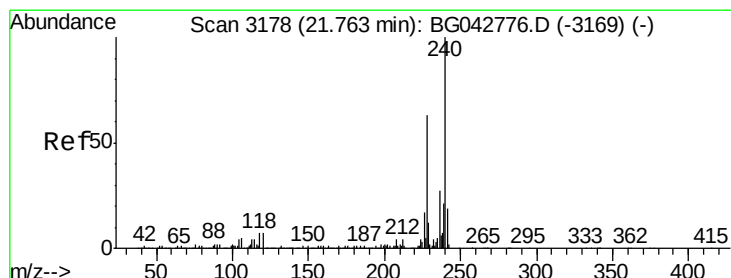
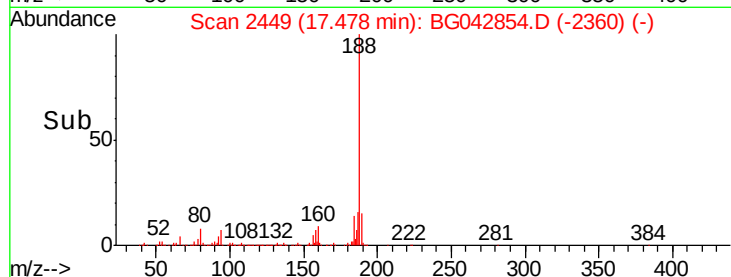
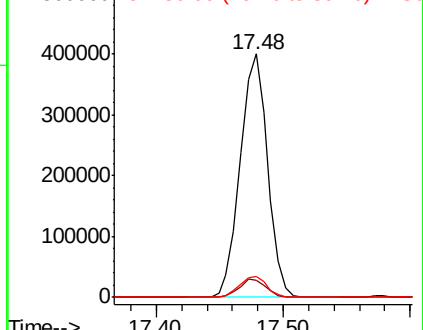
80 8.4 6.6 9.8



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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

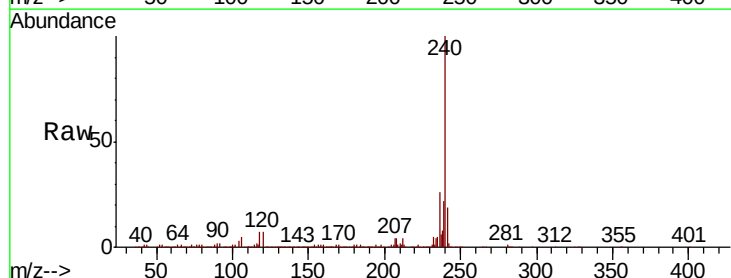
Tgt Ion:240 Resp: 589123

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

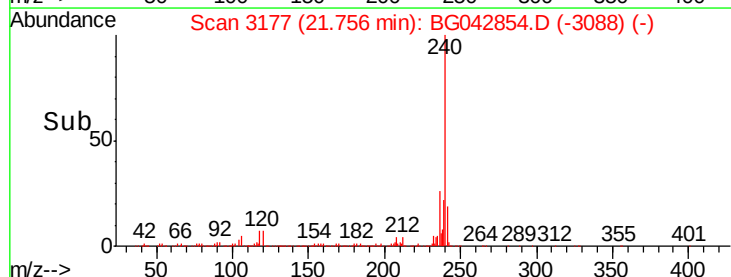
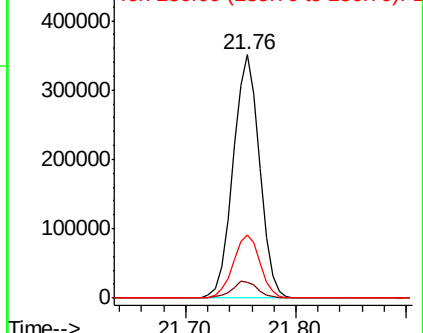
236 26.0 21.7 32.5

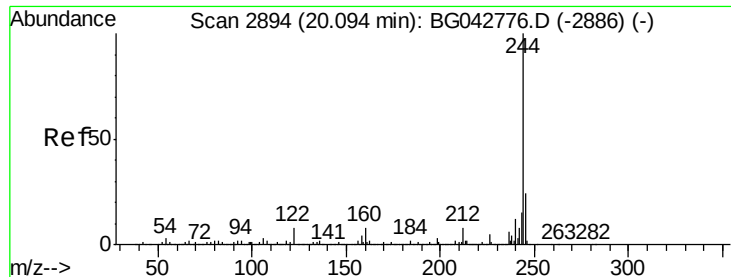


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.619 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

Instrument :

BNA_G

ClientSampleId :

IDW-GW200A-B4-091119

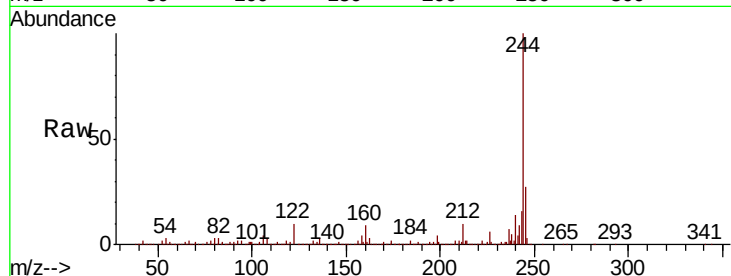
Tot Ion:244 Resp: 2515135

Ion Ratio Lower Upper

244 100

212 9.7 6.6 10.0

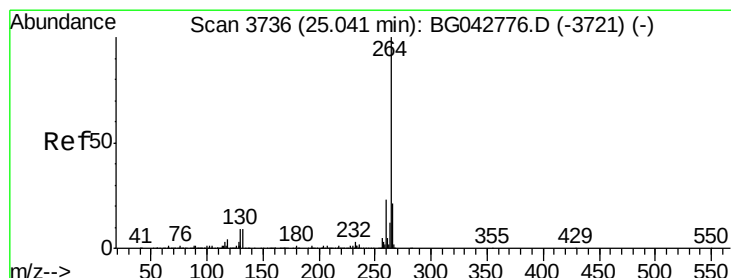
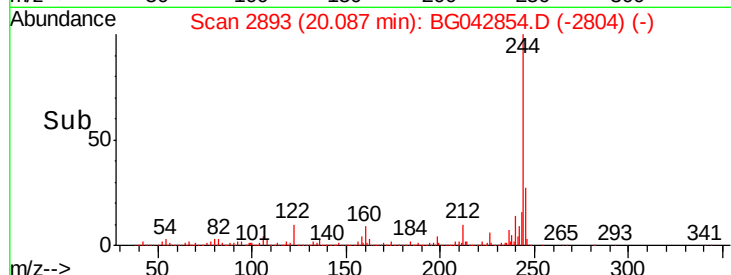
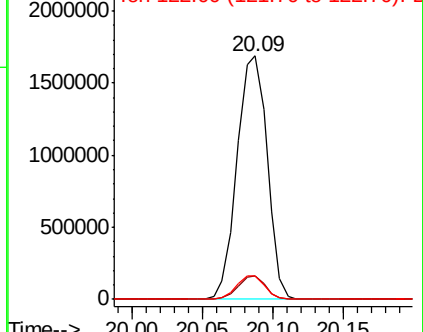
122 9.7 6.2 9.4#



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042854.D

Acq: 16 Sep 2019 18:33

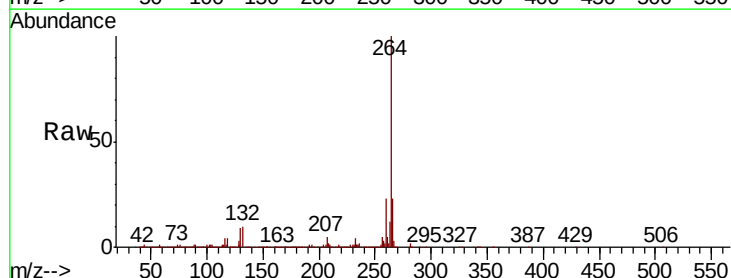
Tgt Ion:264 Resp: 639814

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 23.0 16.9 25.3



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

