

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
 Data File : BG041021.D
 Acq On : 1 Jun 2019 20:37
 Operator : HP/JU
 Sample : K3097-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0421-HR-1(HACKENSACK)

Quant Time: Jun 03 04:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

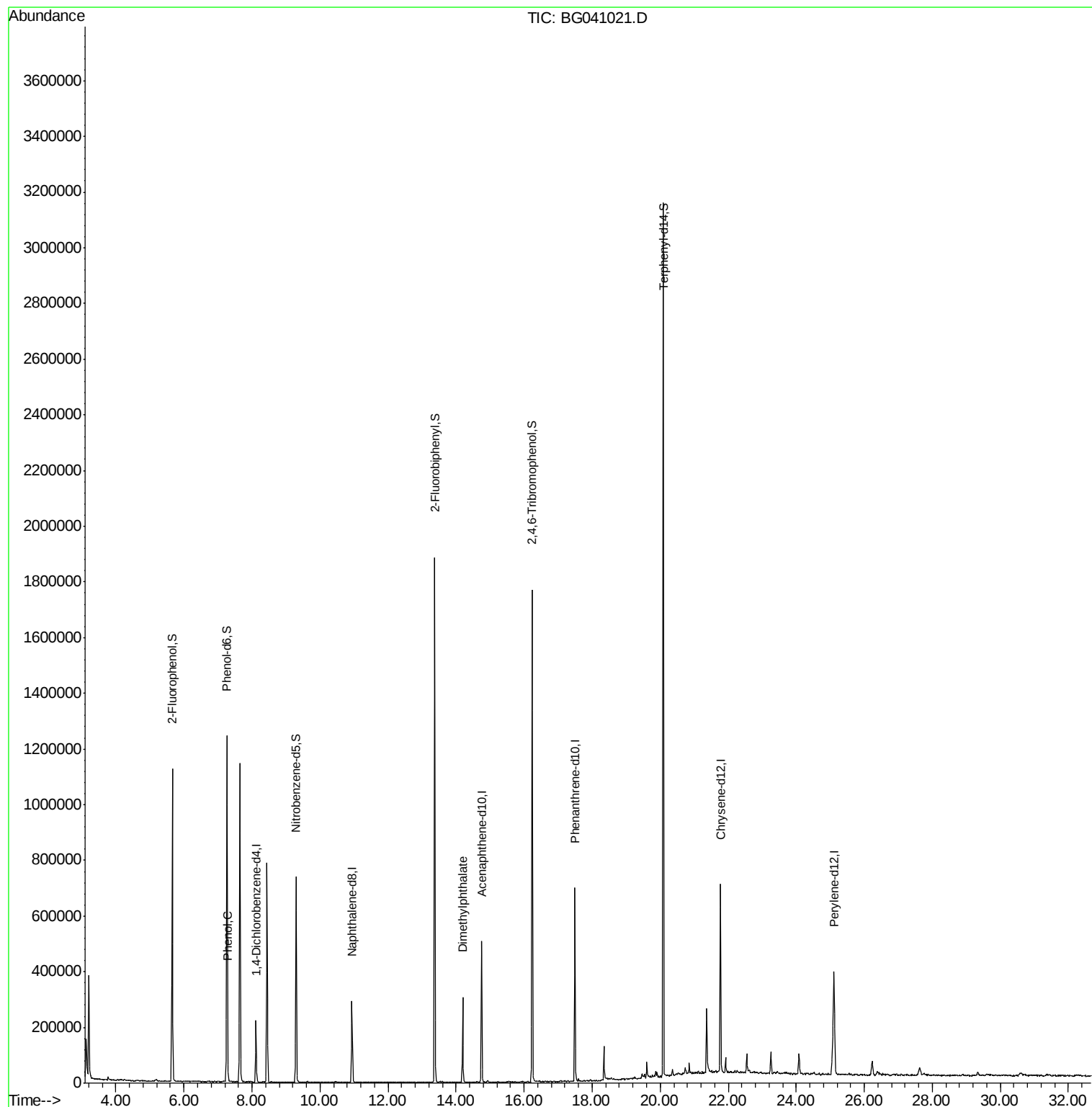
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56489	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	233602	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	173918	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	420886	20.00	ng	0.00
76) Chrysene-d12	21.77	240	406950	20.00	ng	-0.01
87) Perylene-d12	25.11	264	434704	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	423326	135.13	ng	0.00
7) Phenol-d6	7.27	99	631063	130.44	ng	0.00
23) Nitrobenzene-d5	9.30	82	442292	84.05	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	335769	130.05	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	972814	80.55	ng	0.00
79) Terphenyl-d14	20.09	244	1545665	80.61	ng	0.00
Target Compounds						
10) Phenol	7.29	94	20203	3.895	ng	80
50) Dimethylphthalate	14.19	163	197216	13.396	ng	99

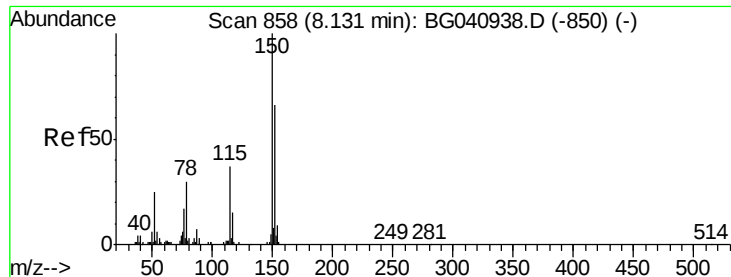
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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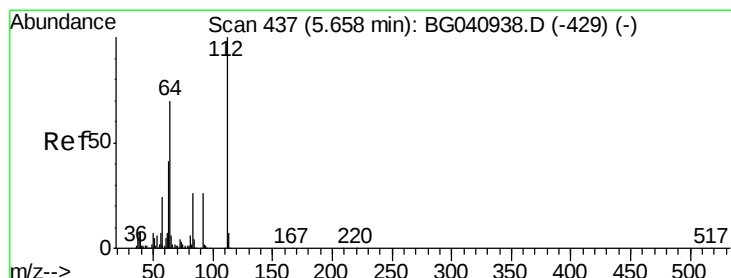
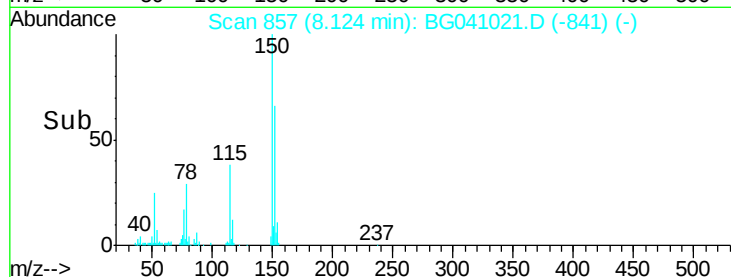
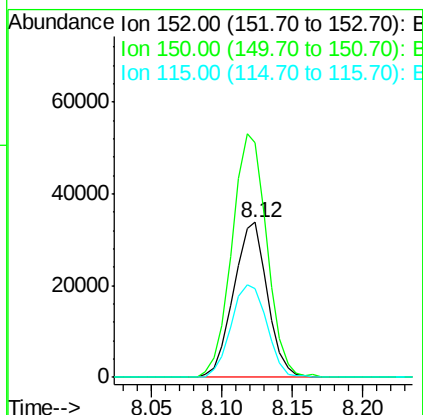
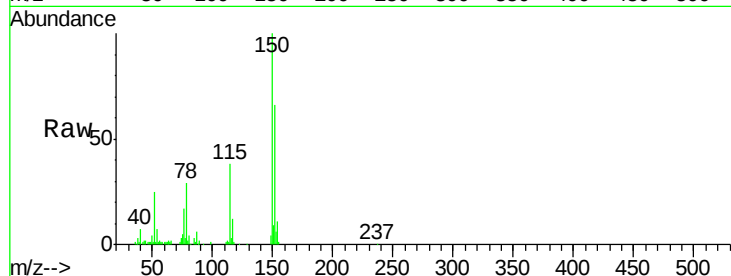


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG041021.D
Acq: 1 Jun 2019 20:37

Instrument :
BNA_G
ClientSampleId :
0421-HR-1(HACKENSACK)

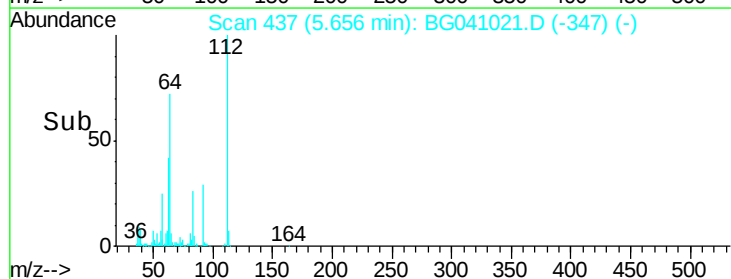
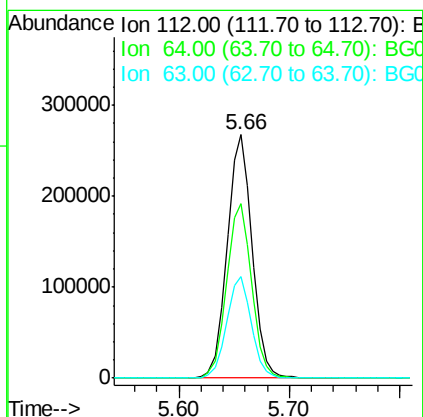
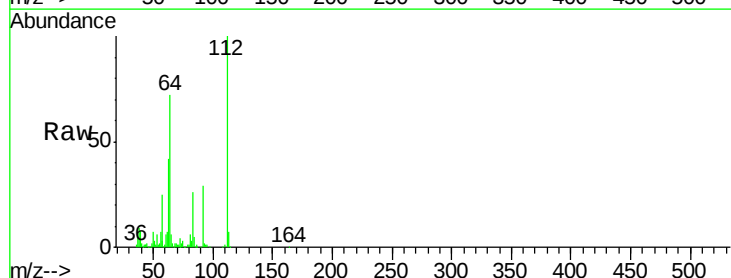
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.2	120.6	180.8
115	57.5	45.1	67.7

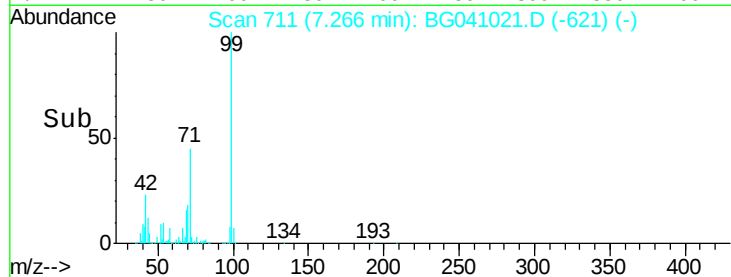
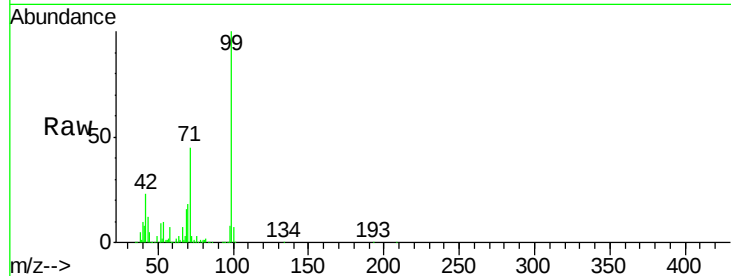
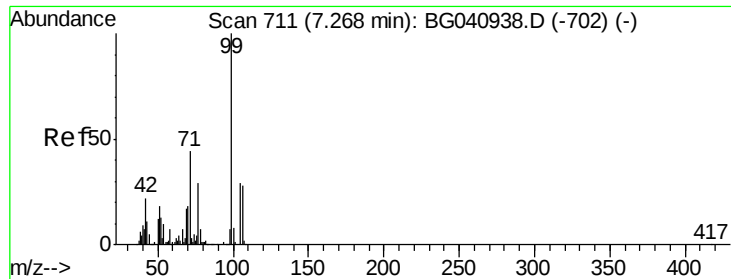


#5

2-Fluorophenol
Concen: 135.132 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041021.D
Acq: 1 Jun 2019 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.2	84.2
63	41.8	32.8	49.2





#7

Phenol-d6

Concen: 130.436 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

Instrument :

BNA_G

ClientSampleId :

0421-HR-1(HACKENSACK)

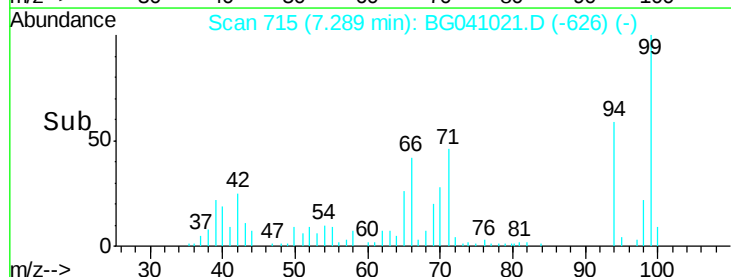
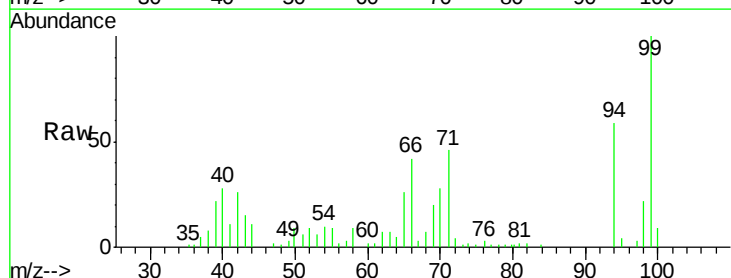
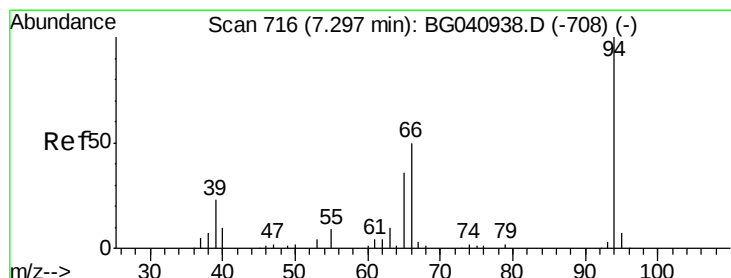
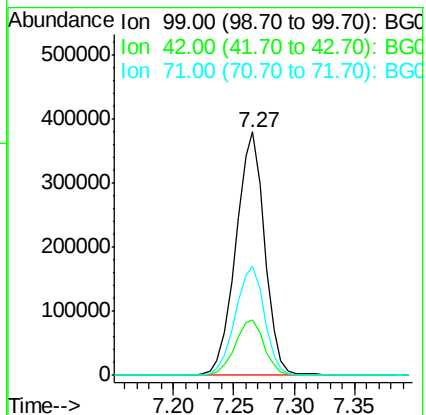
Tgt Ion: 99 Resp: 631063

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 44.9 35.4 53.0



#10

Phenol

Concen: 3.895 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

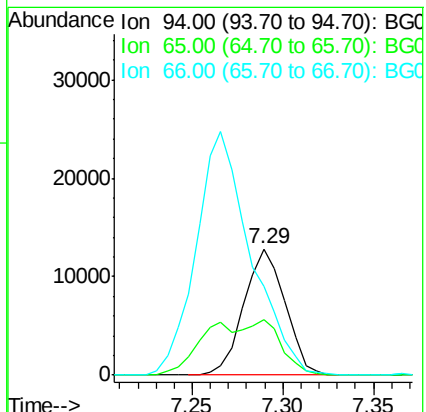
Tgt Ion: 94 Resp: 20203

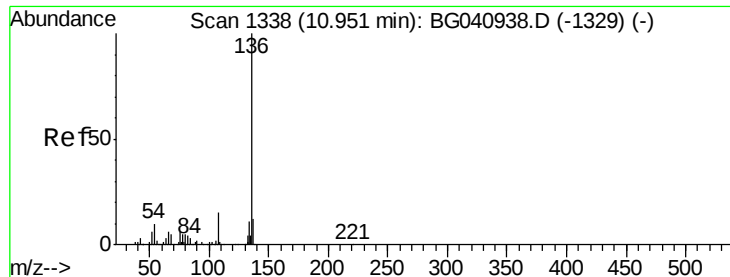
Ion Ratio Lower Upper

94 100

65 44.1 17.0 57.0

66 70.9 32.4 72.4

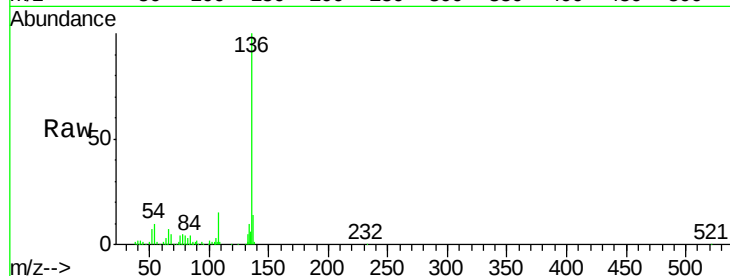




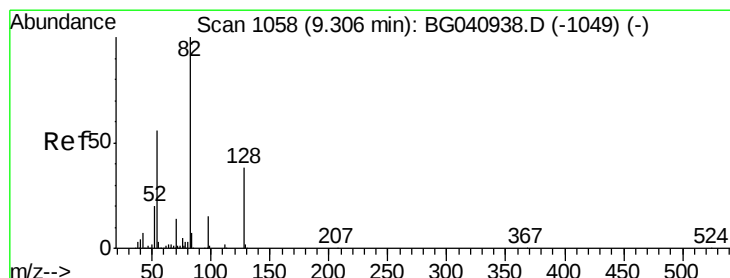
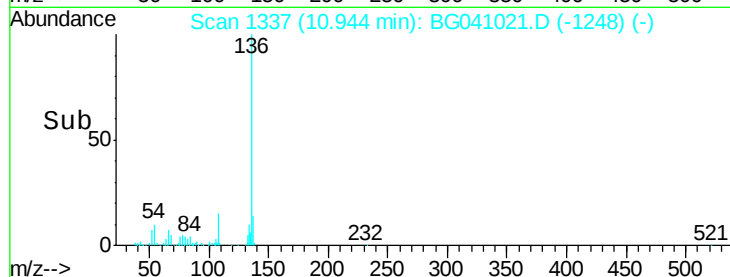
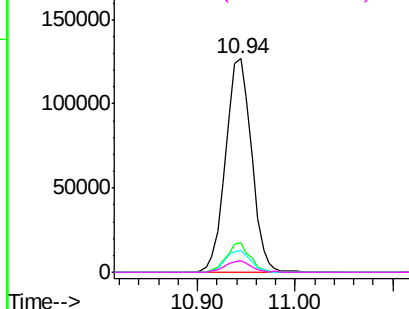
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041021.D
Acq: 1 Jun 2019 20:37

Instrument :
BNA_G
ClientSampleId :
0421-HR-1(HACKENSACK)

Tgt Ion:	136	Resp:	233602
Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.5	14.3
54	10.2	7.6	11.4
68	5.4	3.9	5.9

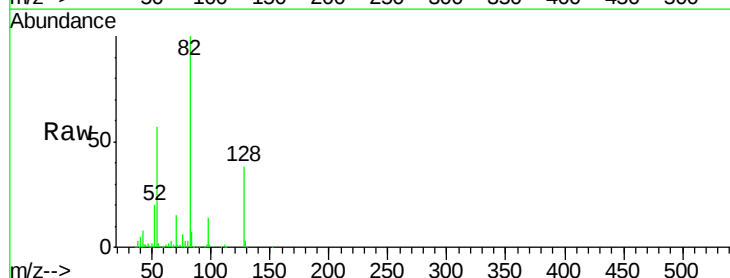


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

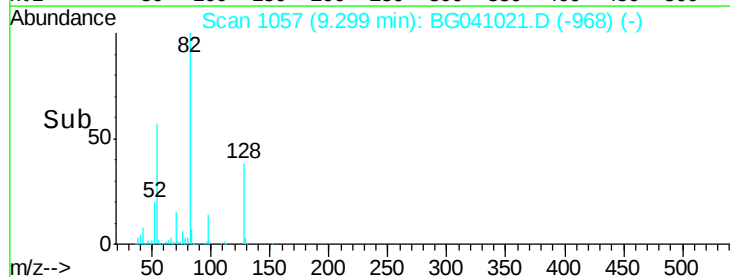
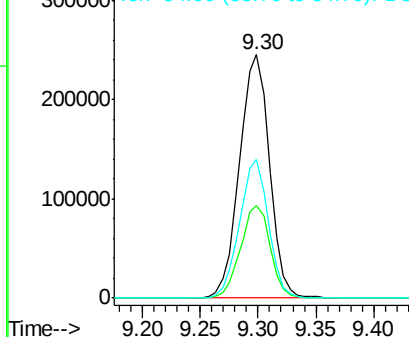


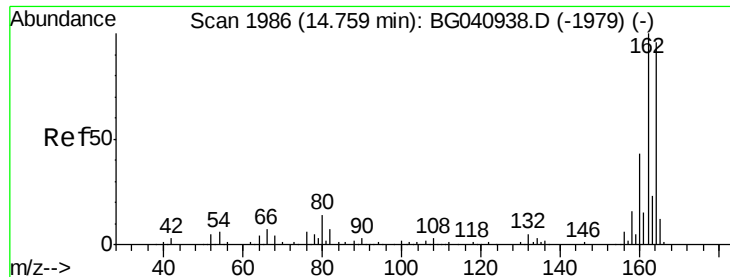
#23
Nitrobenzene-d5
Concen: 84.053 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041021.D
Acq: 1 Jun 2019 20:37

Tgt Ion:	82	Resp:	442292
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.5	45.7
54	56.7	44.6	66.8



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: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

Instrument :

BNA_G

ClientSampleId :

0421-HR-1(HACKENSACK)

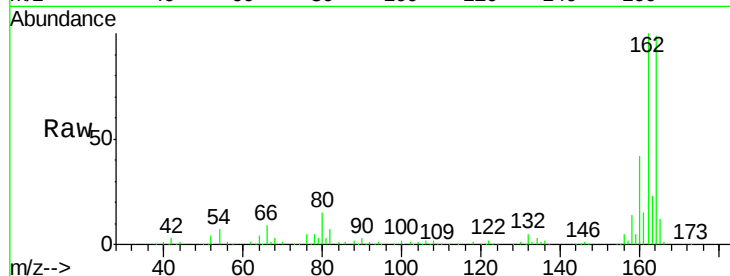
Tgt Ion:164 Resp: 173918

Ion Ratio Lower Upper

164 100

162 101.4 83.0 124.4

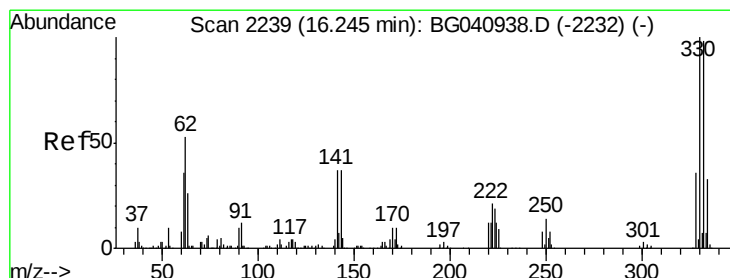
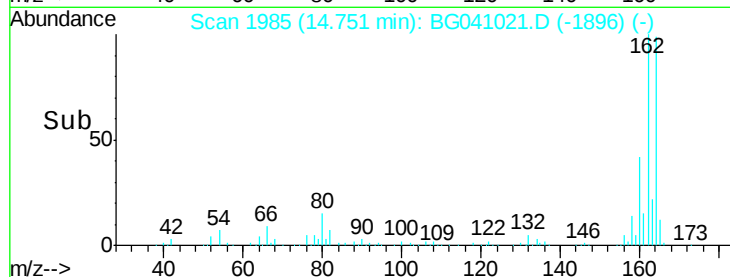
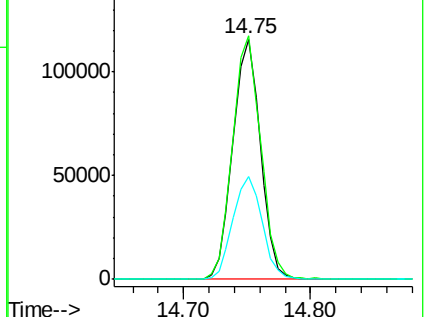
160 43.0 35.6 53.4



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: 130.046 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

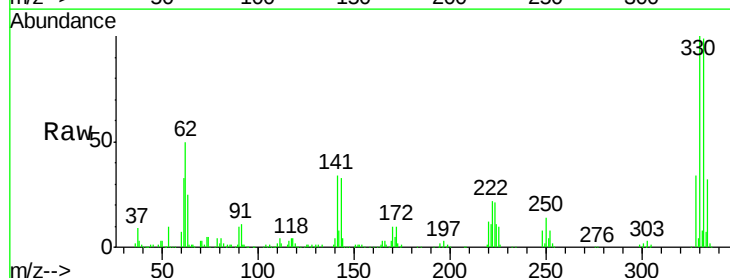
Tgt Ion:330 Resp: 335769

Ion Ratio Lower Upper

330 100

332 97.7 78.5 117.7

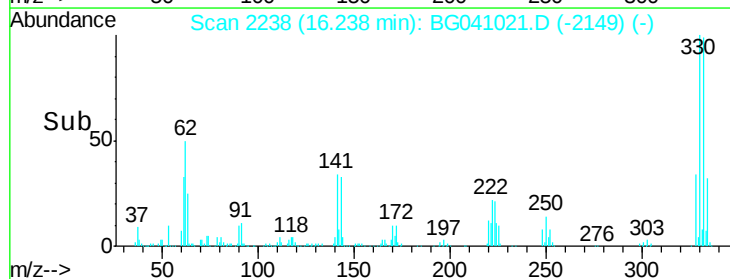
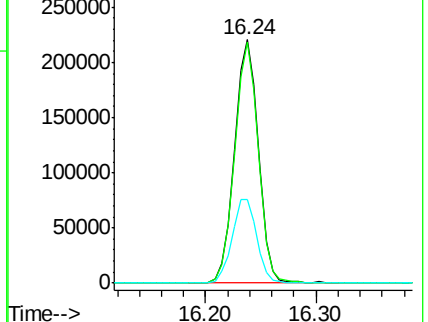
141 35.6 28.7 43.1

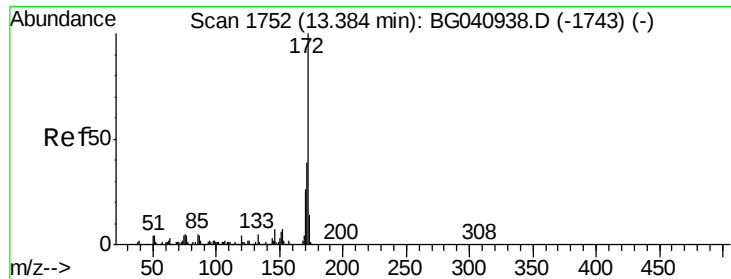


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 80.553 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

Instrument :

BNA_G

ClientSampleId :

0421-HR-1(HACKENSACK)

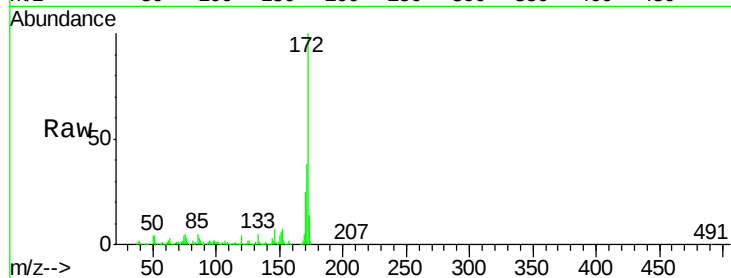
Tgt Ion:172 Resp: 972814

Ion Ratio Lower Upper

172 100

171 38.1 31.1 46.7

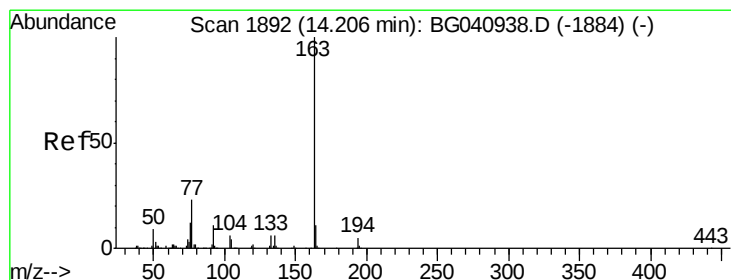
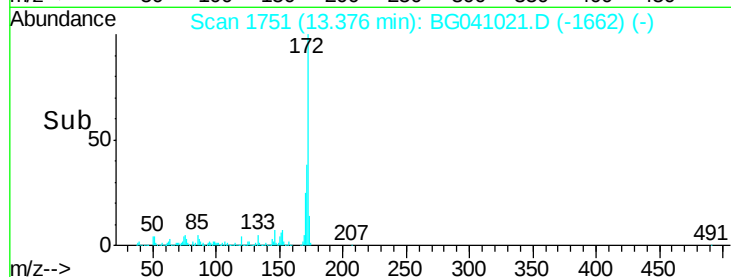
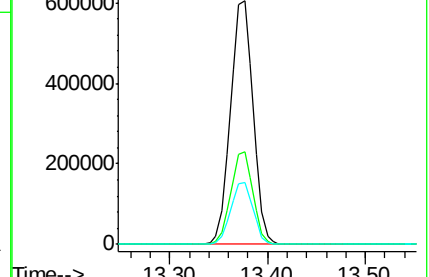
170 25.4 20.5 30.7



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: 13.396 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

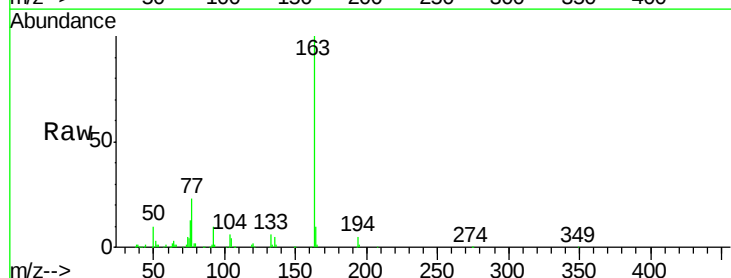
Tgt Ion:163 Resp: 197216

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

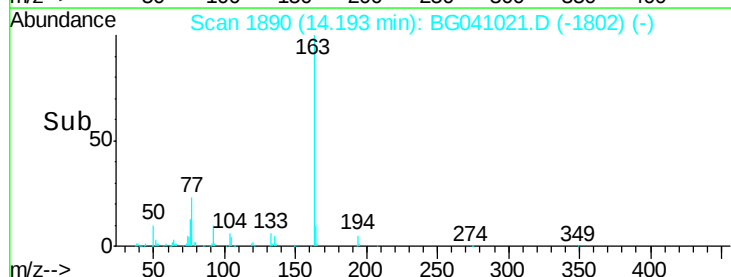
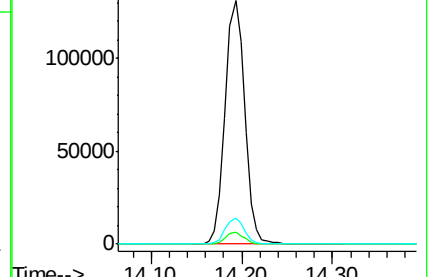
164 10.5 8.7 13.1

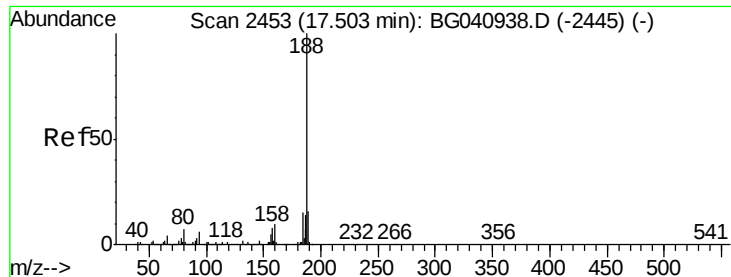


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

Instrument :

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ClientSampleId :

0421-HR-1(HACKENSACK)

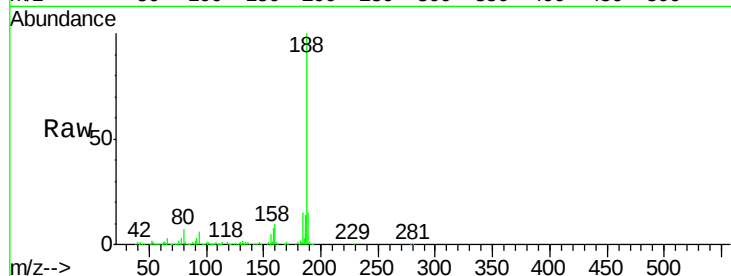
Tgt Ion:188 Resp: 420886

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

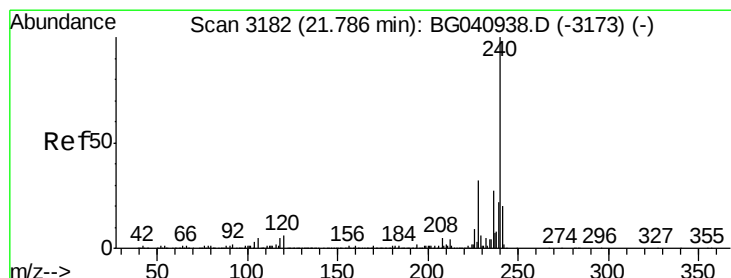
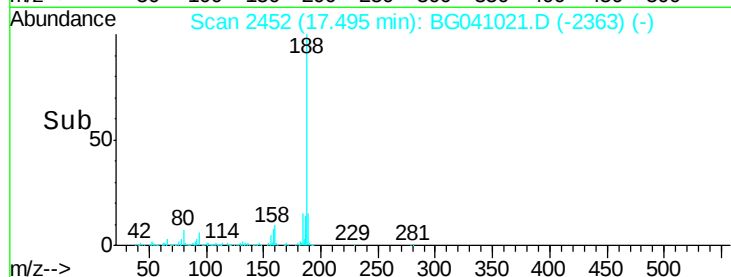
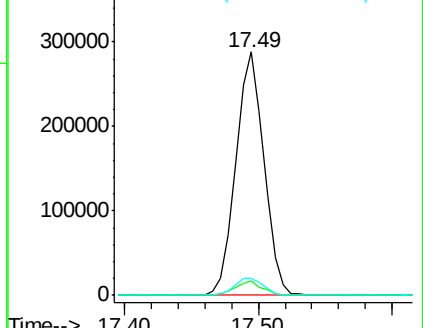
80 6.8 5.8 8.8



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: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

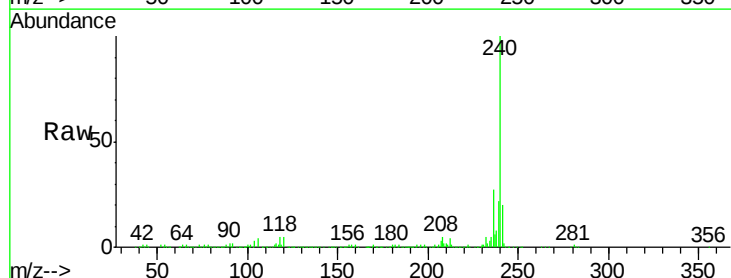
Tgt Ion:240 Resp: 406950

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

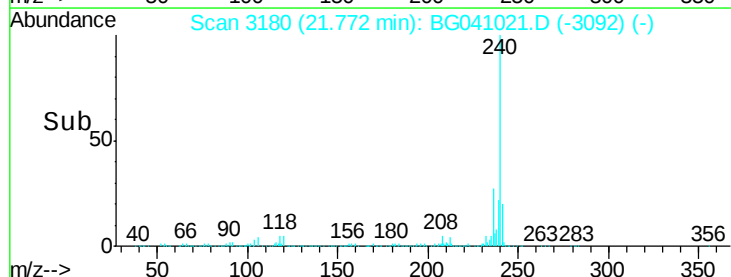
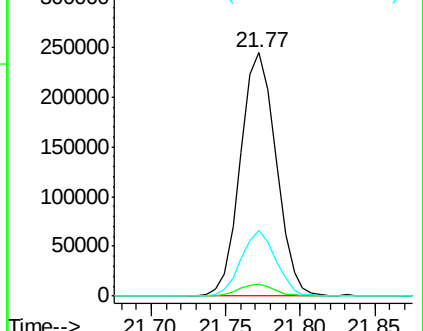
236 26.8 21.3 31.9

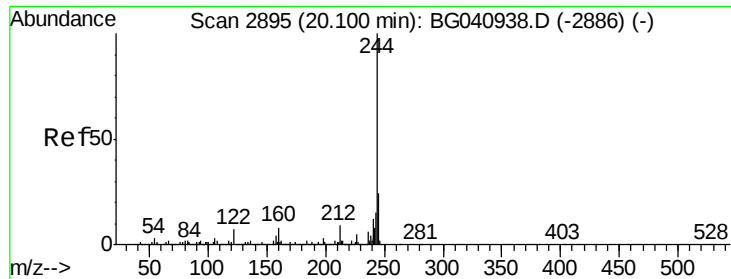


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.610 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

Instrument :

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ClientSampleId :

0421-HR-1(HACKENSACK)

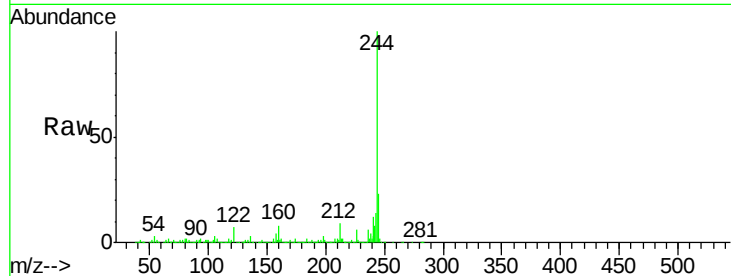
Tgt Ion:244 Resp: 1545665

Ion Ratio Lower Upper

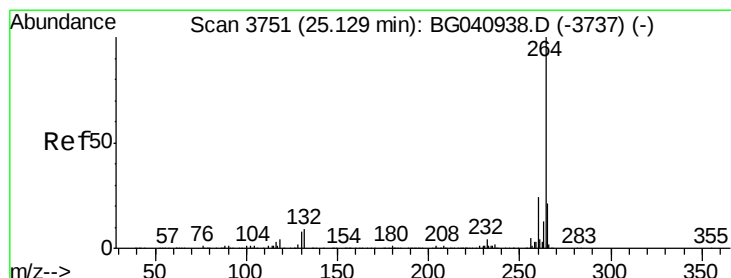
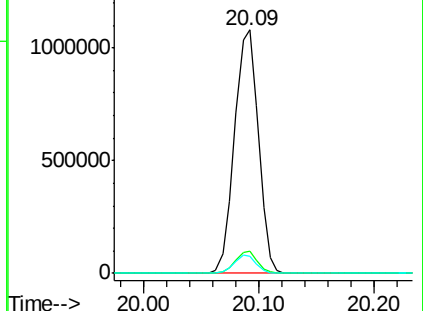
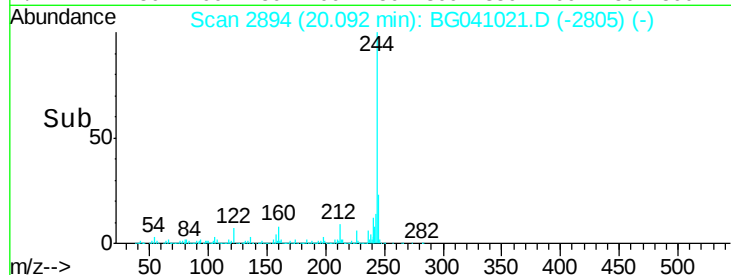
244 100

212 9.0 7.0 10.4

122 6.9 5.4 8.0



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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041021.D

Acq: 1 Jun 2019 20:37

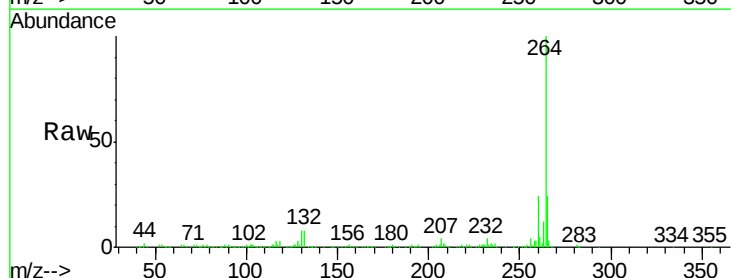
Tgt Ion:264 Resp: 434704

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 23.7 17.0 25.4



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

