

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041039.D
 Acq On : 3 Jun 2019 18:09
 Operator : HP/JU
 Sample : K3097-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Quant Time: Jun 04 08:29:27 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

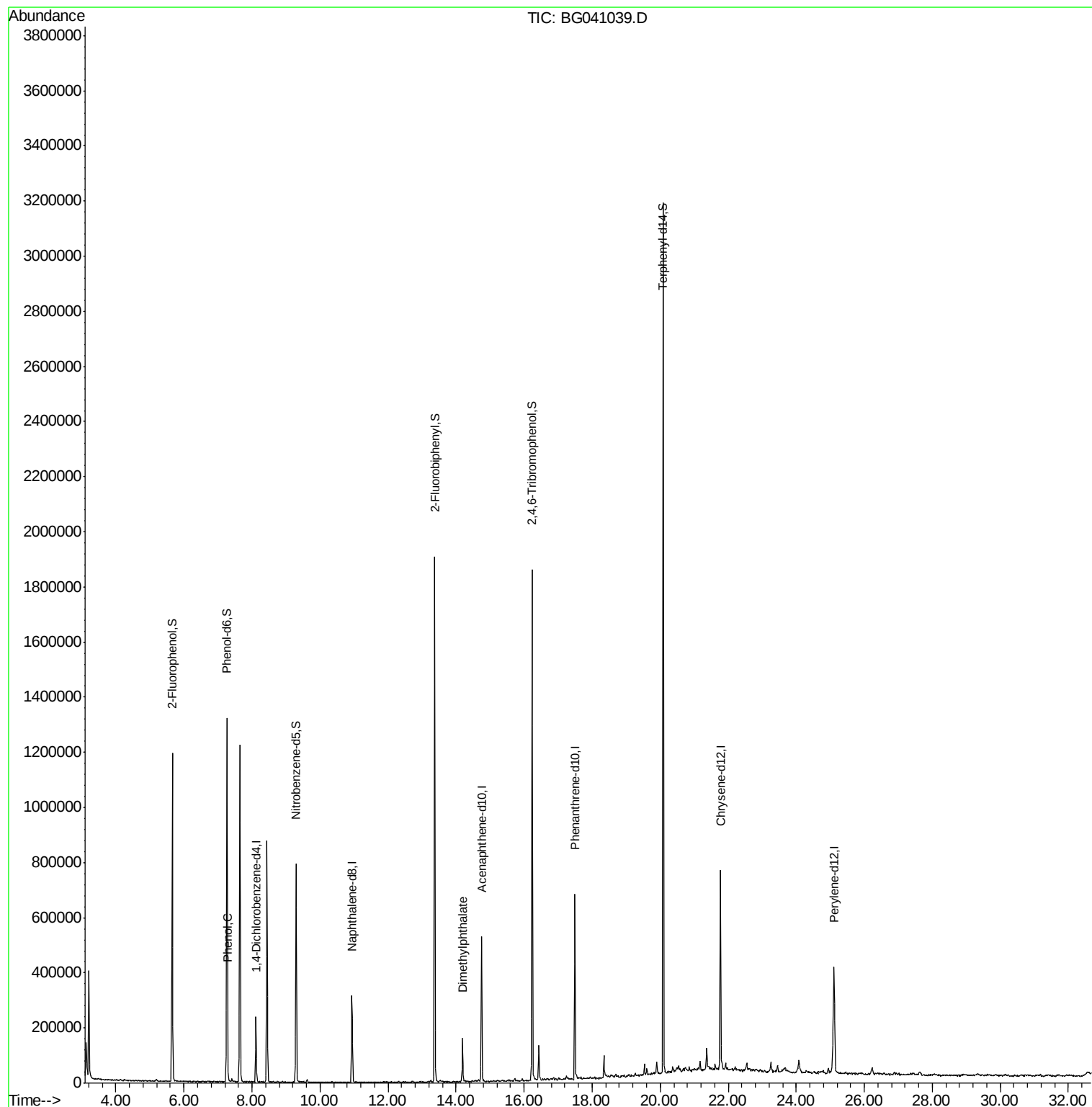
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61735	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	250260	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	176414	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	425756	20.00	ng	0.00
76) Chrysene-d12	21.77	240	428536	20.00	ng	-0.01
87) Perylene-d12	25.11	264	462429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	466453	136.25	ng	0.00
7) Phenol-d6	7.27	99	684916	129.54	ng	0.00
23) Nitrobenzene-d5	9.30	82	472982	83.90	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	348166	132.94	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	968952	79.10	ng	-0.01
79) Terphenyl-d14	20.09	244	1490860	73.84	ng	0.00
Target Compounds						
10) Phenol	7.29	94	21654	3.820	ng	100
50) Dimethylphthalate	14.19	163	106882	7.157	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: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

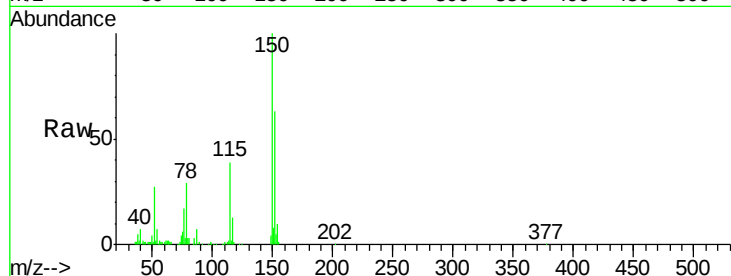
Tot Ion:152 Resp: 61735

Ion Ratio Lower Upper

152 100

150 160.0 120.6 180.8

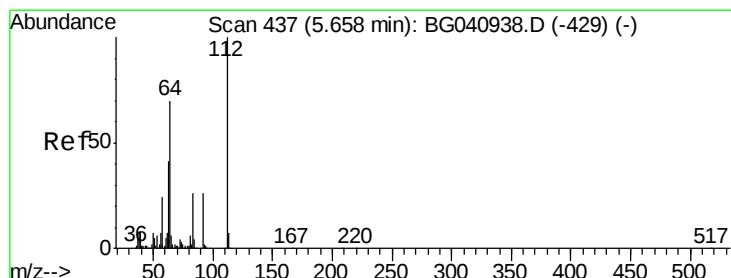
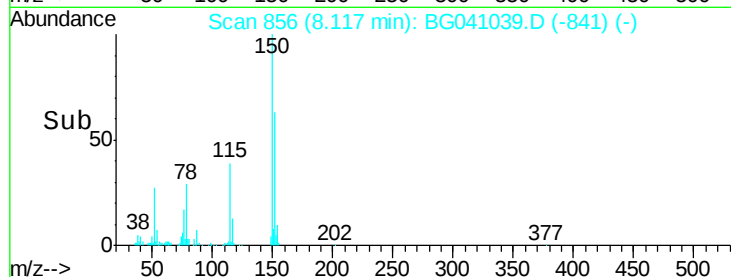
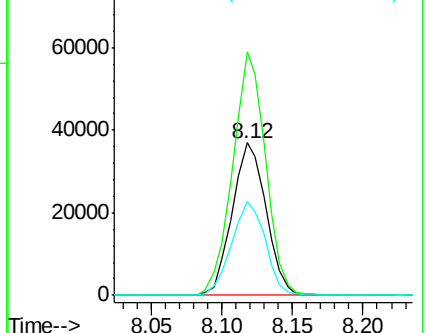
115 62.0 45.1 67.7



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: 136.246 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

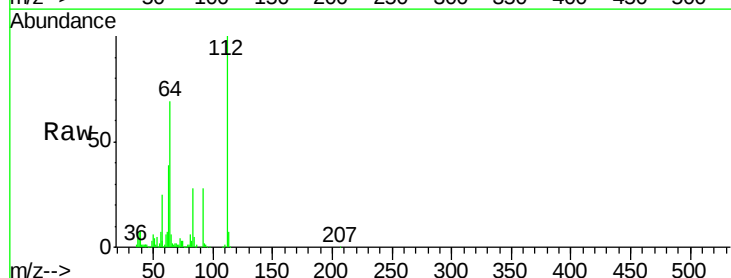
Tgt Ion:112 Resp: 466453

Ion Ratio Lower Upper

112 100

64 69.3 56.2 84.2

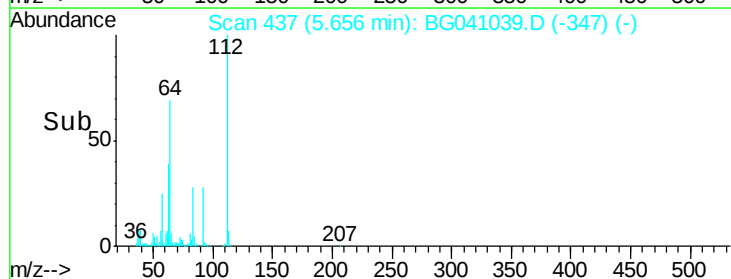
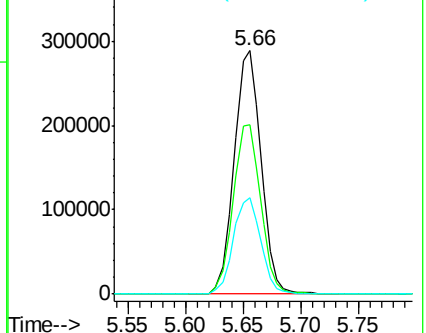
63 39.4 32.8 49.2

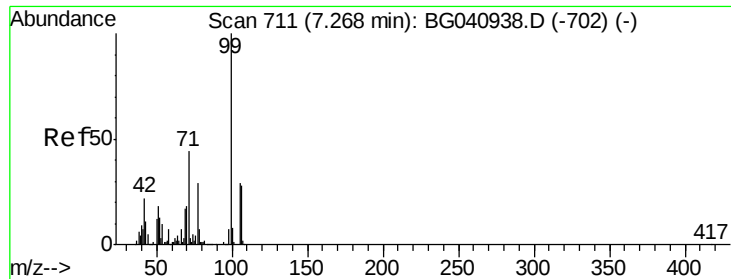


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.537 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

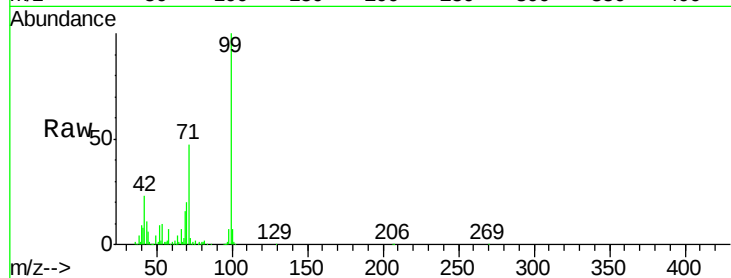
Tot Ion: 99 Resp: 684916

Ion Ratio Lower Upper

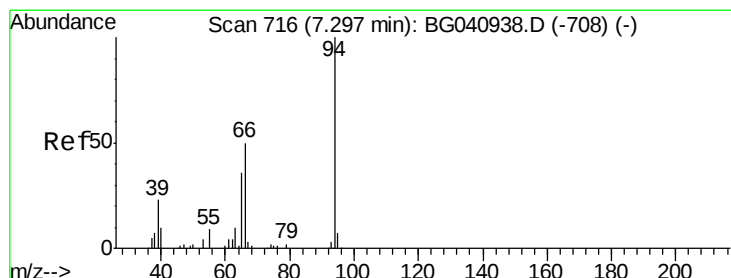
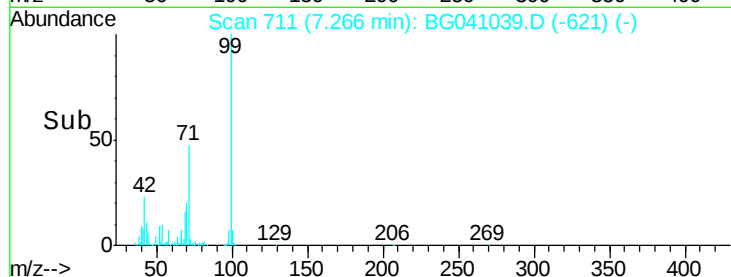
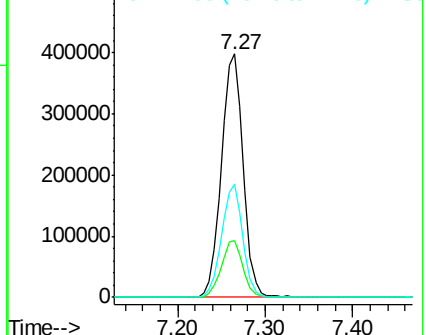
99 100

42 23.4 17.9 26.9

71 46.5 35.4 53.0



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: 3.820 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

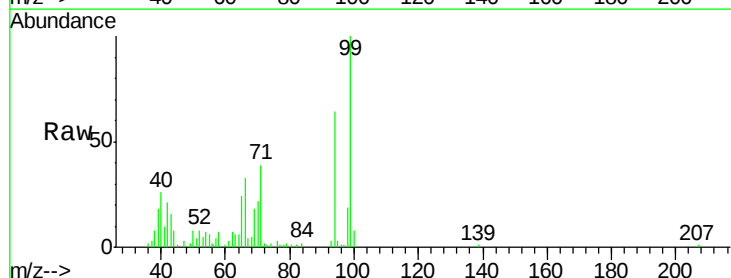
Tgt Ion: 94 Resp: 21654

Ion Ratio Lower Upper

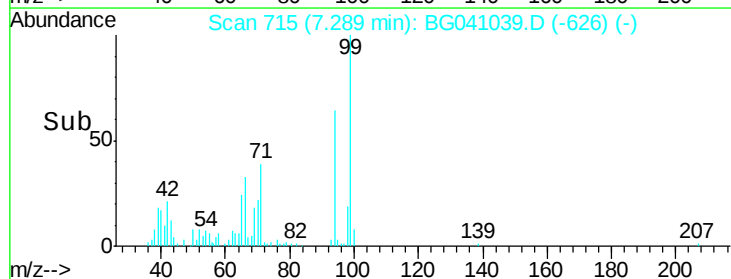
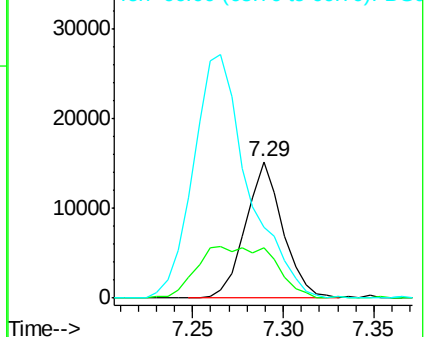
94 100

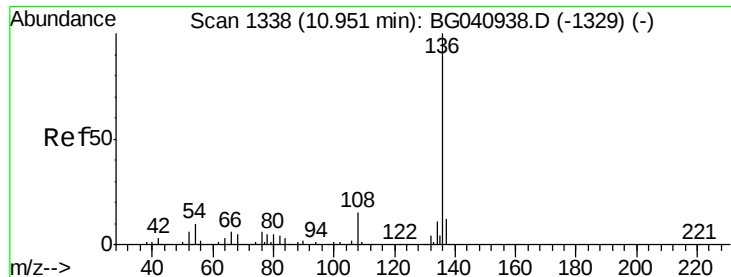
65 36.9 17.0 57.0

66 52.3 32.4 72.4



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

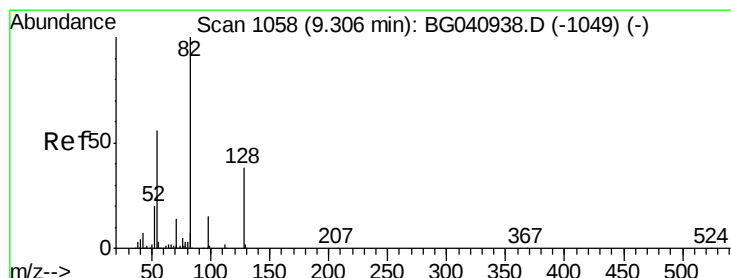
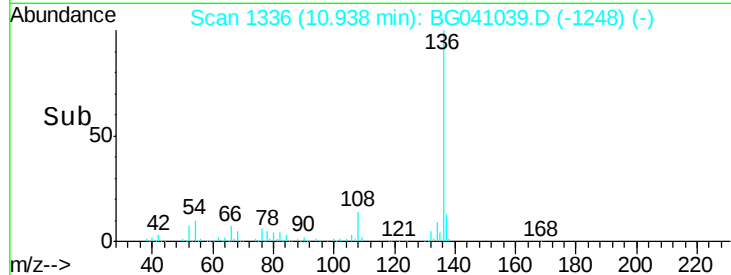
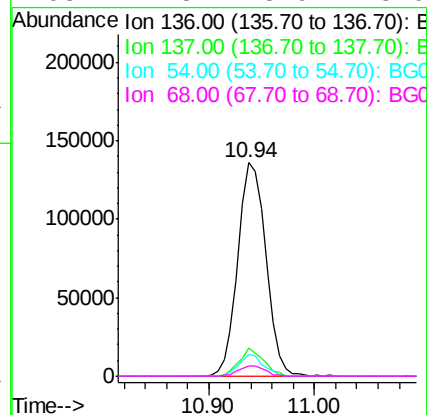
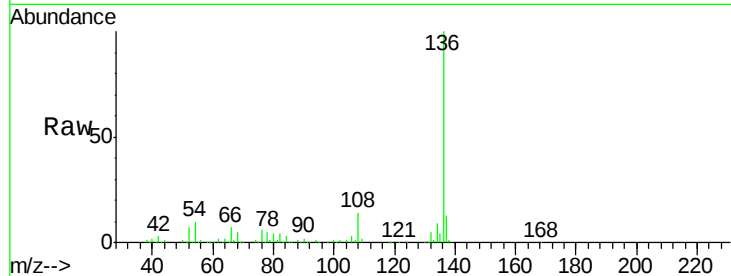




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041039.D
Acq: 3 Jun 2019 18:09

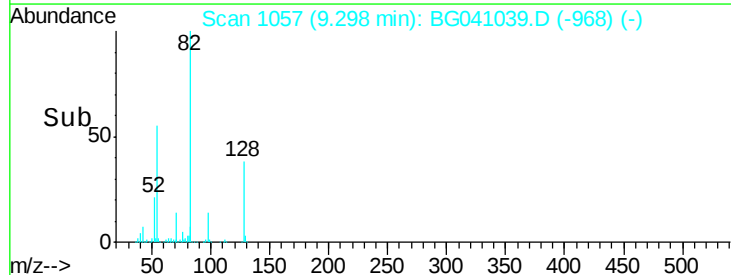
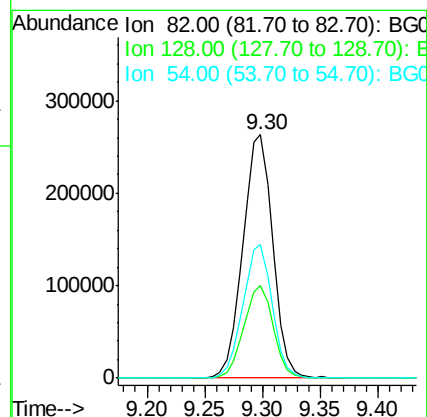
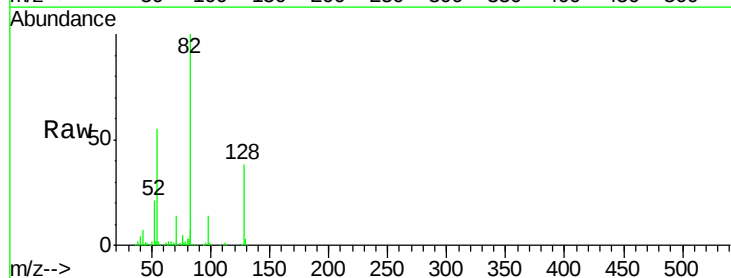
Instrument :
BNA_G
ClientSampleId :
0435-HR-15(HACKENSACK)

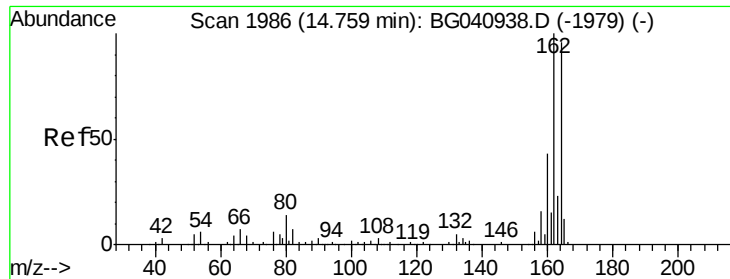
Tot Ion:136	Resp:	250260
Ion Ratio	Lower	Upper
136	100	
137	13.4	9.5 14.3
54	10.0	7.6 11.4
68	4.8	3.9 5.9



#23
Nitrobenzene-d5
Concen: 83.902 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041039.D
Acq: 3 Jun 2019 18:09

Tgt Ion: 82	Resp:	472982
Ion Ratio	Lower	Upper
82	100	
128	38.2	30.5 45.7
54	54.9	44.6 66.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

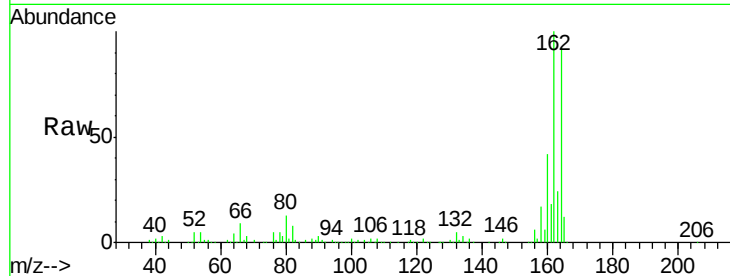
Tot Ion:164 Resp: 176414

Ion Ratio Lower Upper

164 100

162 108.3 83.0 124.4

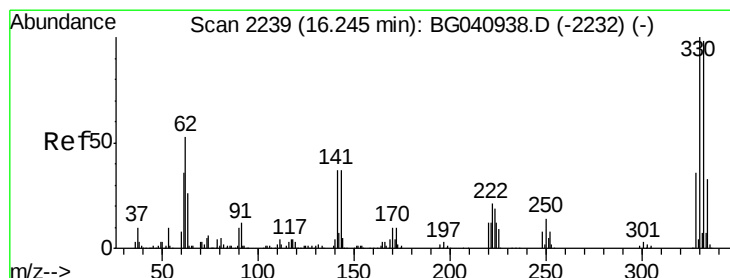
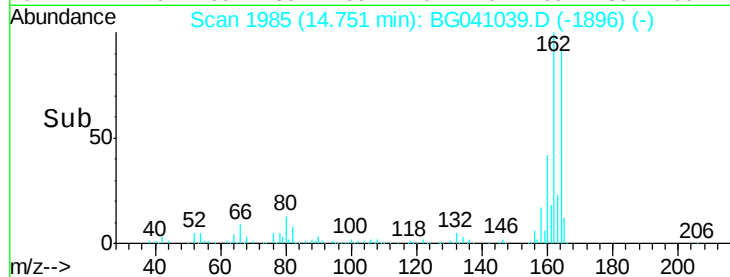
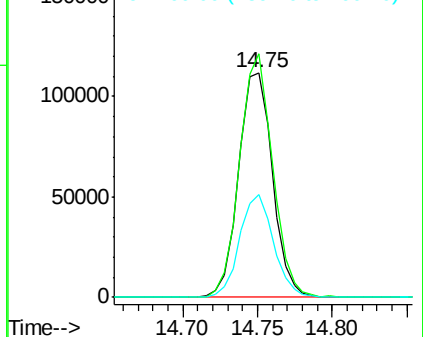
160 45.5 35.6 53.4



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: 132.939 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

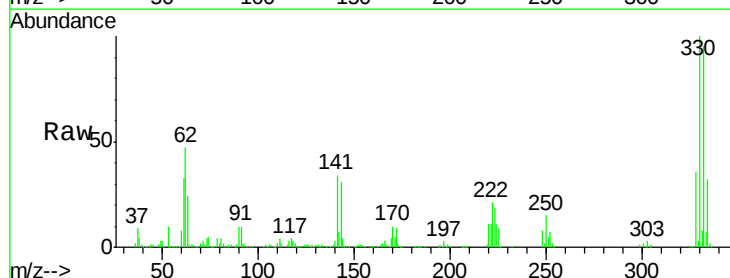
Tgt Ion:330 Resp: 348166

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

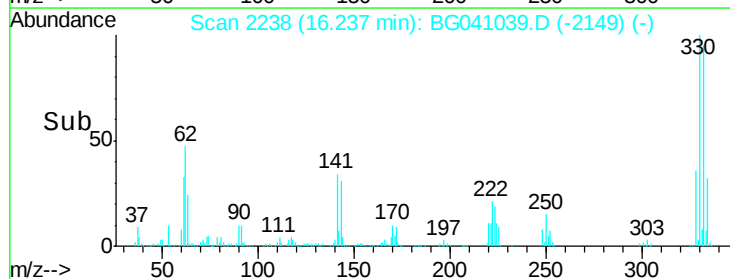
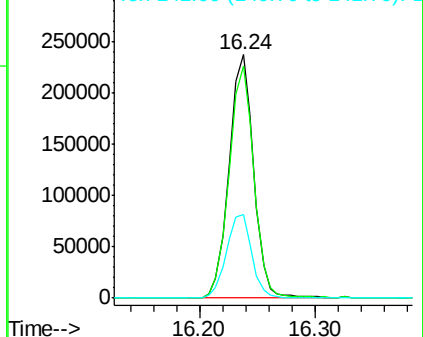
141 35.8 28.7 43.1

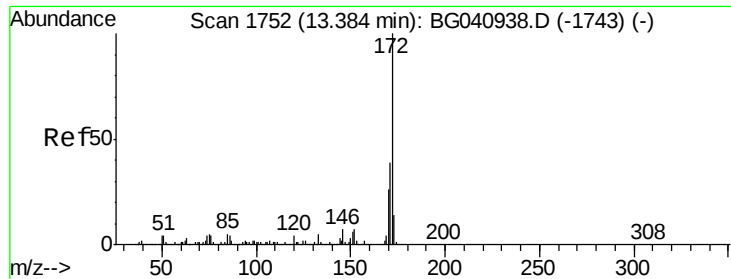


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

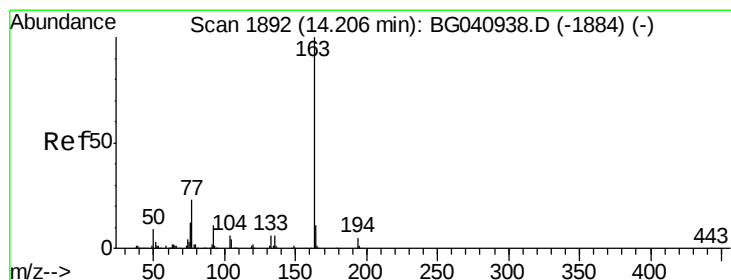
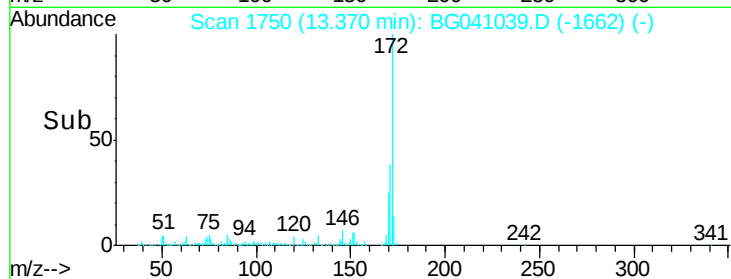
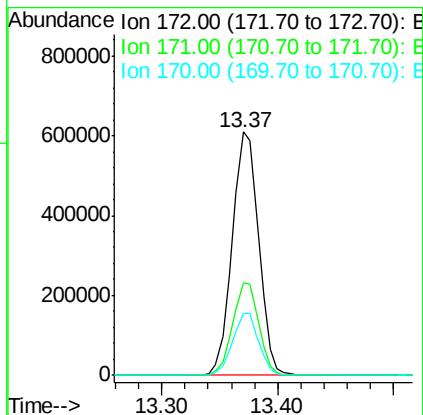
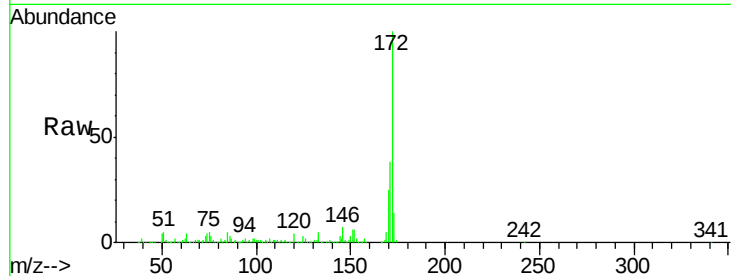




#45
2-Fluorobiphenyl
Concen: 79.098 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041039.D
Acq: 3 Jun 2019 18:09

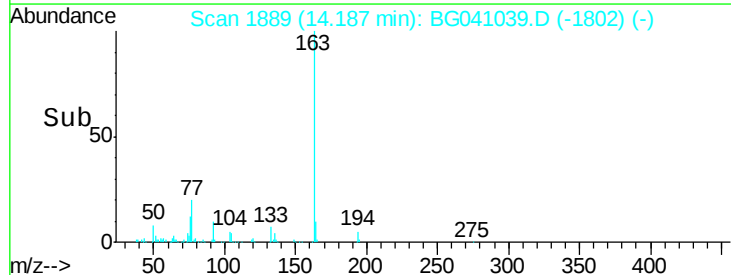
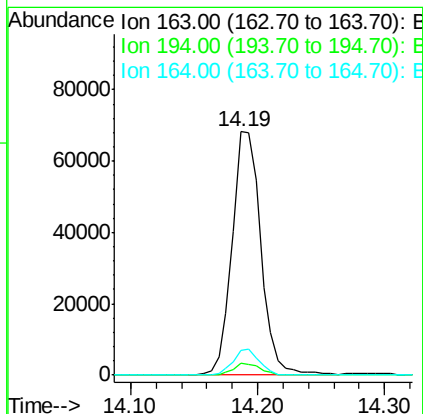
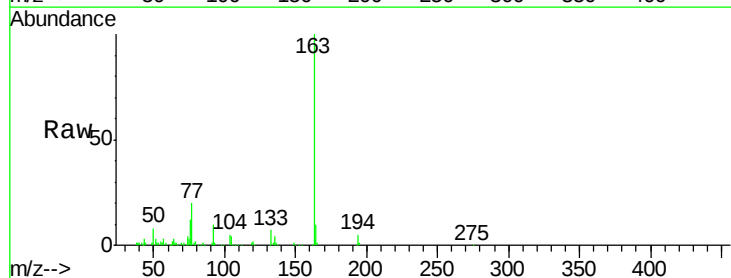
Instrument :
BNA_G
ClientSampleId :
0435-HR-15(HACKENSACK)

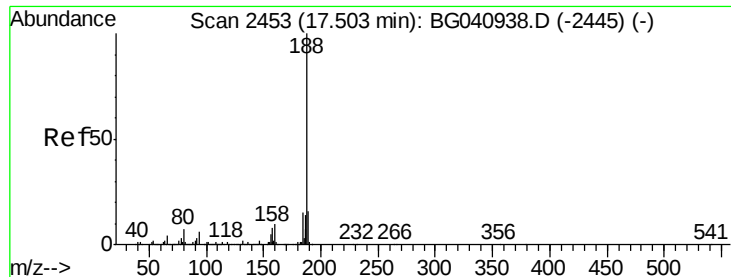
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.1	46.7
170	25.5	20.5	30.7



#50
Dimethylphthalate
Concen: 7.157 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041039.D
Acq: 3 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.0	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

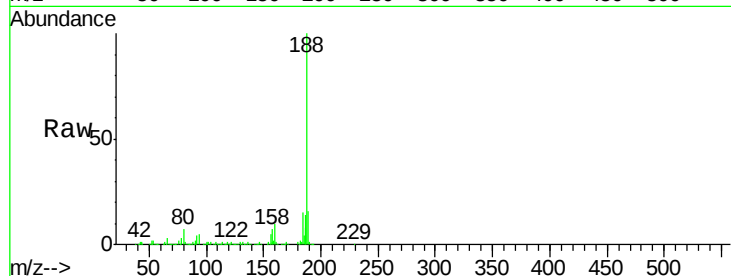
Tot Ion:188 Resp: 425756

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

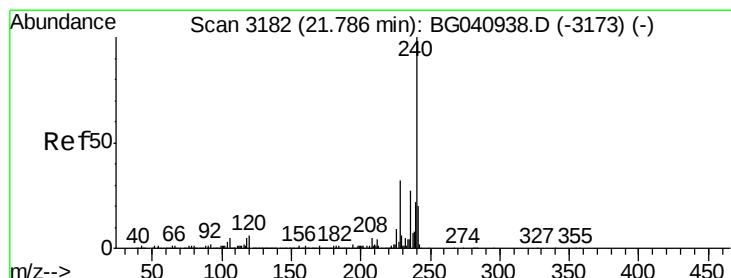
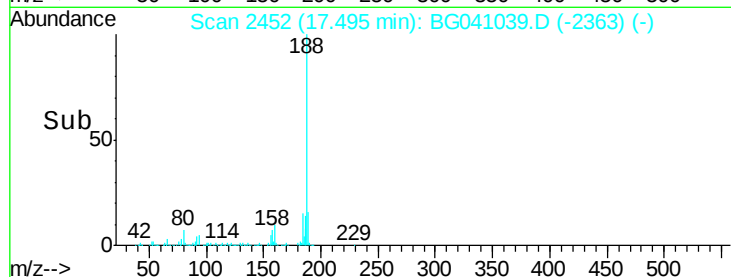
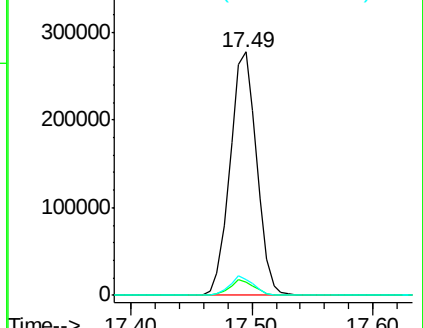
80 6.7 5.8 8.8



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: BG041039.D

Acq: 3 Jun 2019 18:09

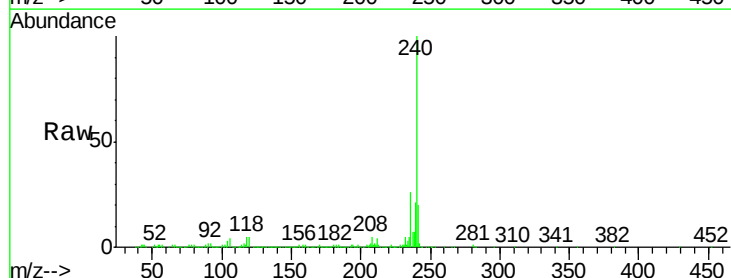
Tgt Ion:240 Resp: 428536

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

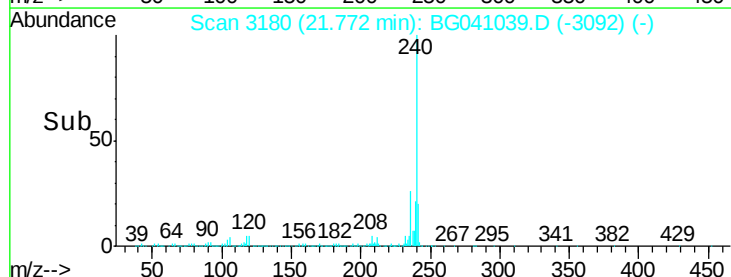
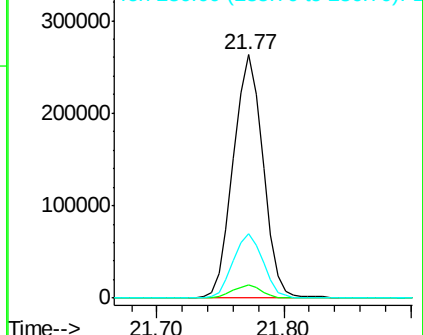
236 26.4 21.3 31.9

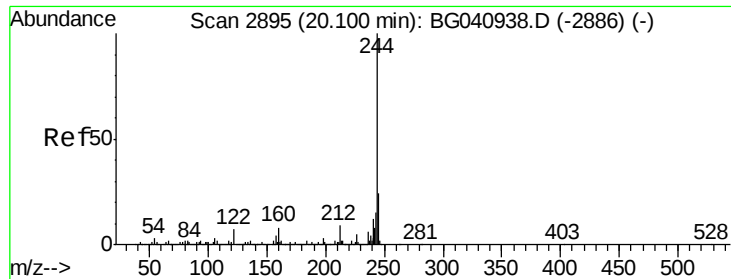


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.836 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041039.D

Acq: 3 Jun 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0435-HR-15(HACKENSACK)

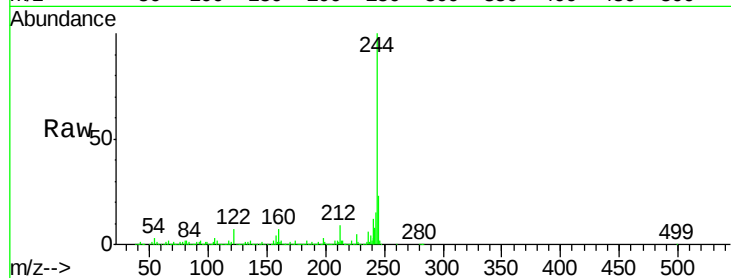
Tot Ion:244 Resp: 1490860

Ion Ratio Lower Upper

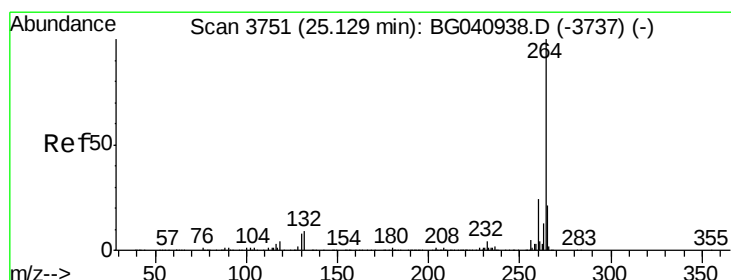
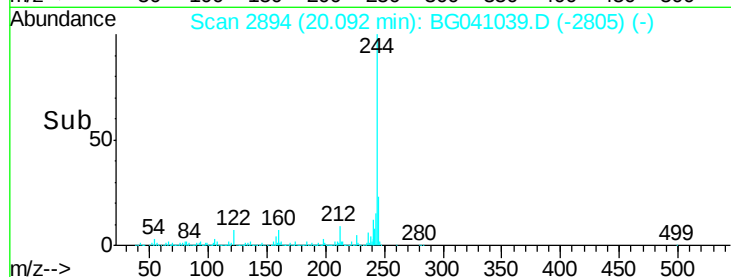
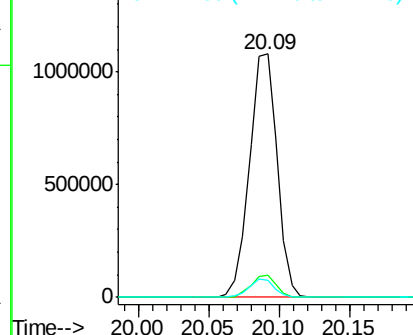
244 100

212 8.9 7.0 10.4

122 6.7 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: BG041039.D

Acq: 3 Jun 2019 18:09

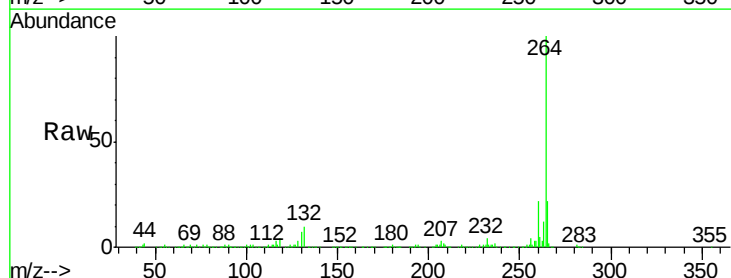
Tgt Ion:264 Resp: 462429

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 22.0 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

