

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041099.D
 Acq On : 7 Jun 2019 13:30
 Operator : HP/JU
 Sample : K3203-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-190604

Quant Time: Jun 08 17:44:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

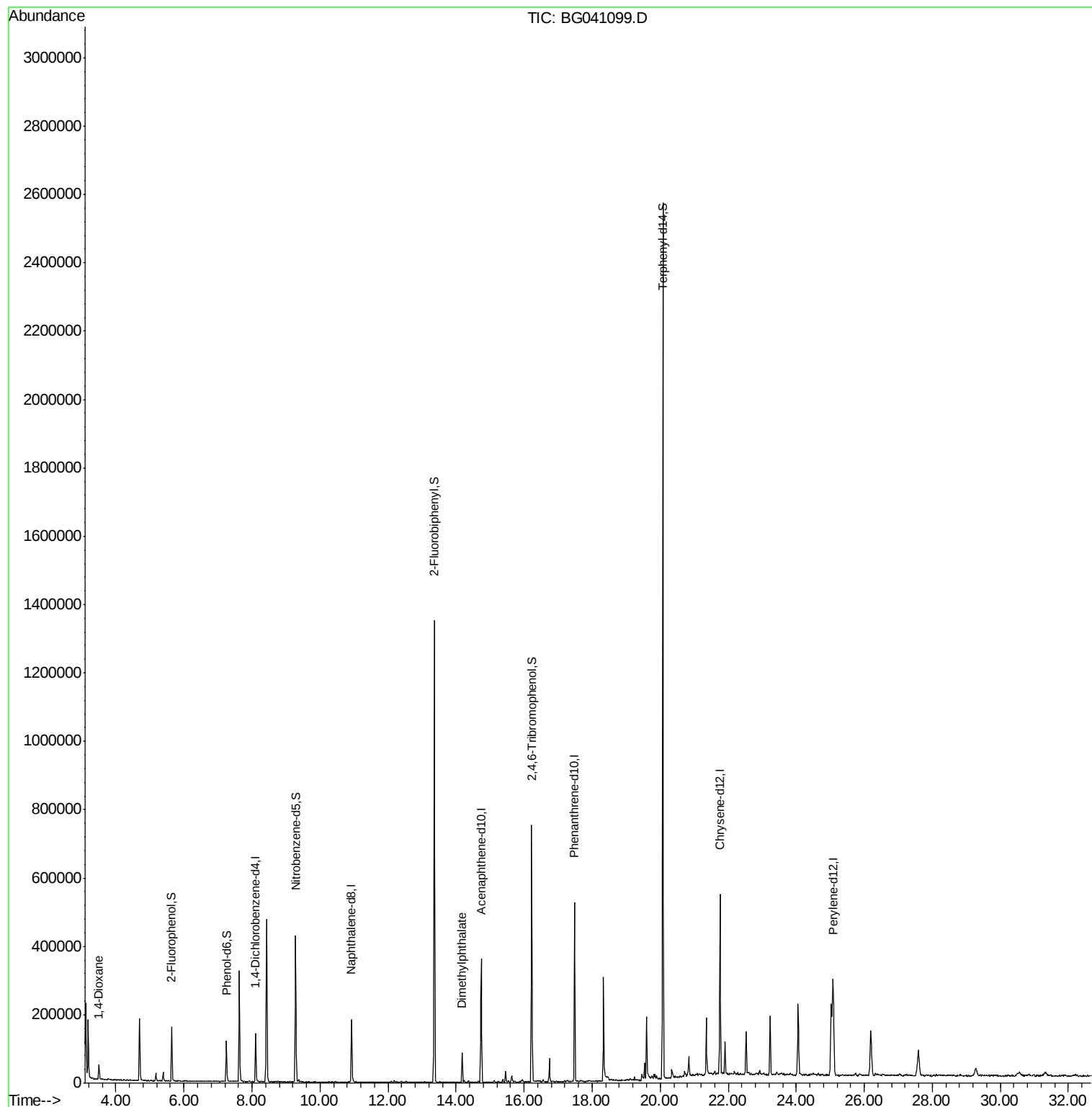
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36043	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	150867	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	124232	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	318200	20.00	ng	0.00
76) Chrysene-d12	21.76	240	314676	20.00	ng	0.00
87) Perylene-d12	25.08	264	332488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	62363	31.20	ng	0.00
7) Phenol-d6	7.25	99	67914	22.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	265155	78.02	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	132513	71.85	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	675206	78.27	ng	0.00
79) Terphenyl-d14	20.08	244	1225606	82.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.50	88	23425	25.826	ng	99
50) Dimethylphthalate	14.17	163	60220	5.726	ng	99

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

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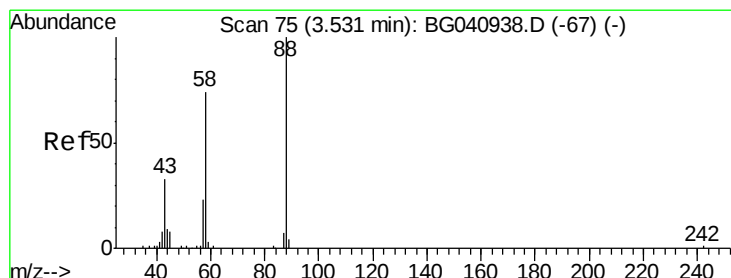
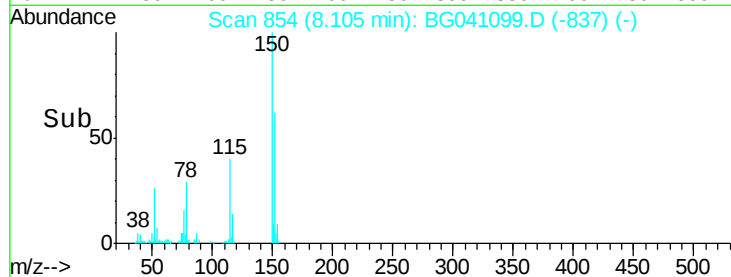
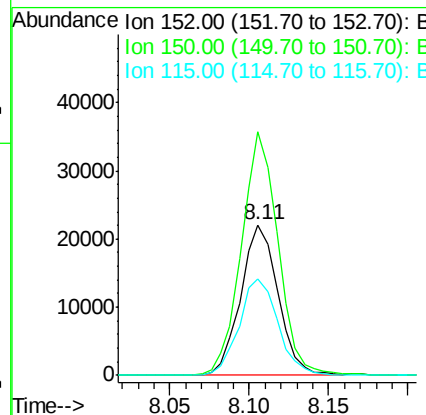
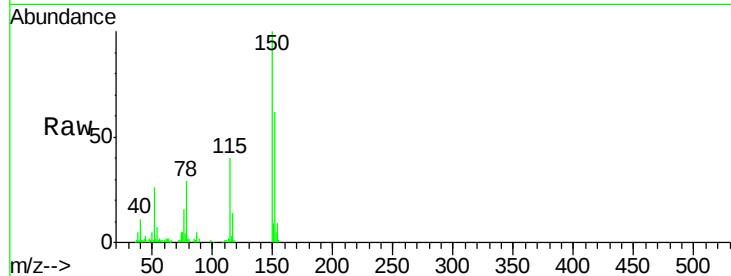


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

Instrument :
BNA_G
ClientSampleId :
LF001MW003-190604

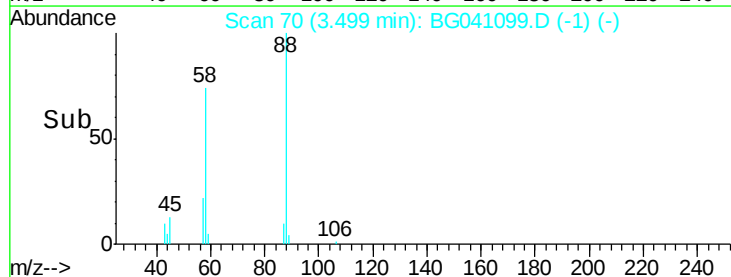
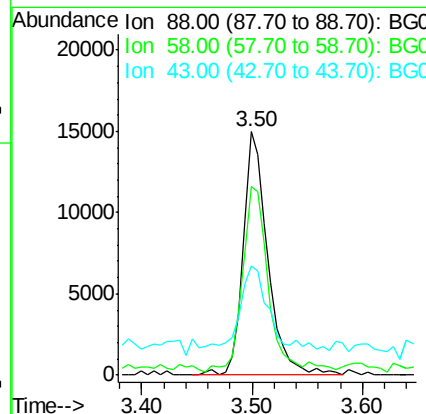
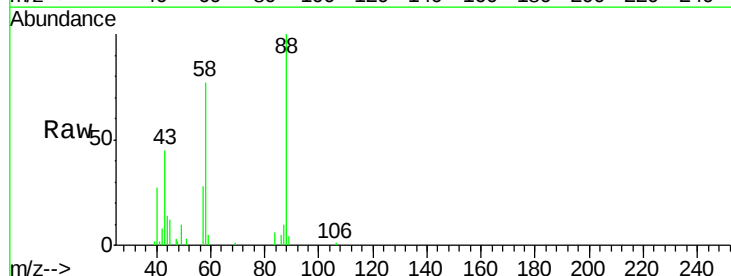
Tot Ion:152 Resp: 36043
Ion Ratio Lower Upper
152 100
150 161.4 111.7 167.5
115 64.2 48.6 73.0

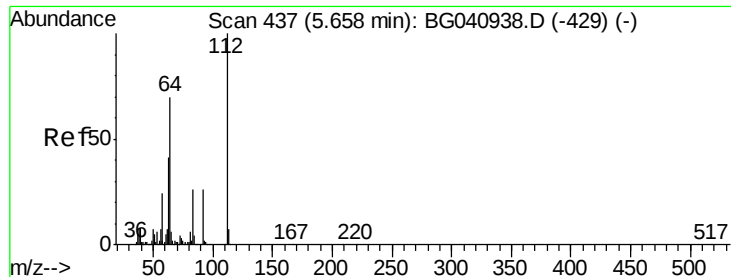


#2

1,4-Dioxane
Concen: 25.826 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

Tgt Ion: 88 Resp: 23425
Ion Ratio Lower Upper
88 100
58 78.1 61.2 91.8
43 36.4 29.4 44.2





#5

2-Fluorophenol

Concen: 31.200 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

Instrument :

BNA_G

ClientSampleId :

LF001MW003-190604

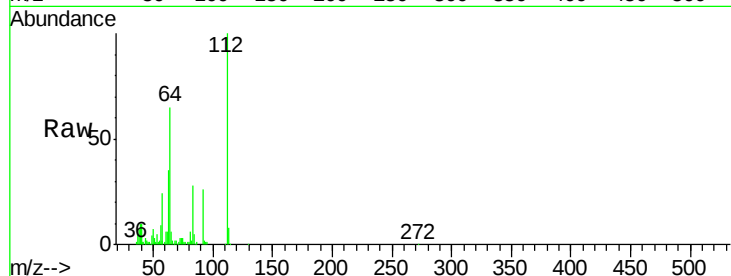
Tot Ion:112 Resp: 62363

Ion Ratio Lower Upper

112 100

64 65.2 54.5 81.7

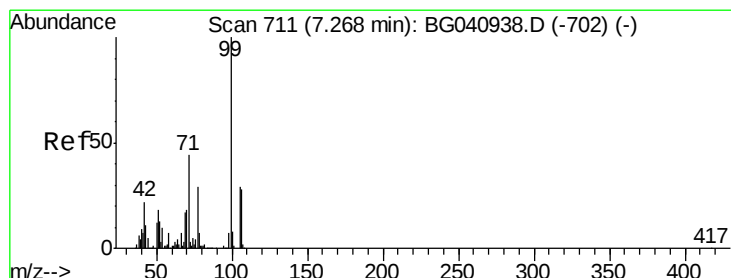
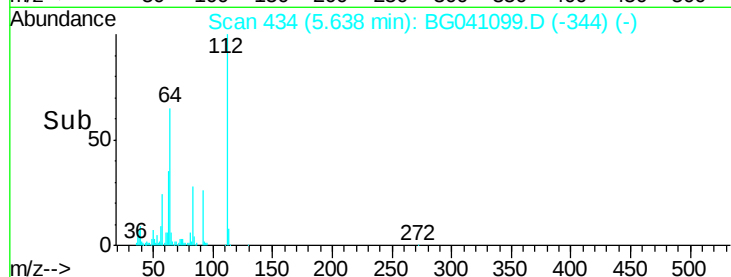
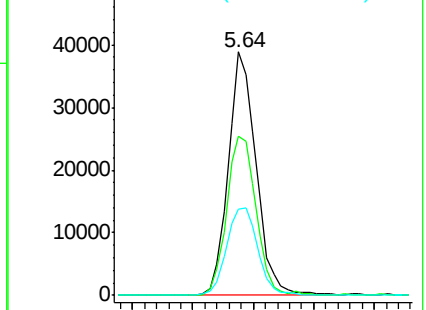
63 35.2 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 22.000 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

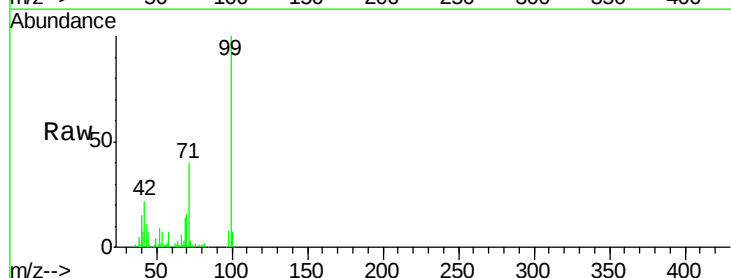
Tgt Ion: 99 Resp: 67914

Ion Ratio Lower Upper

99 100

42 22.5 18.8 28.2

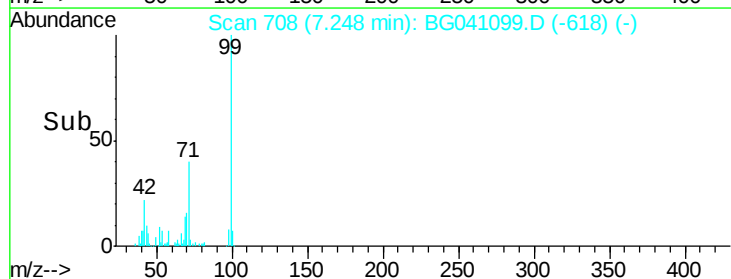
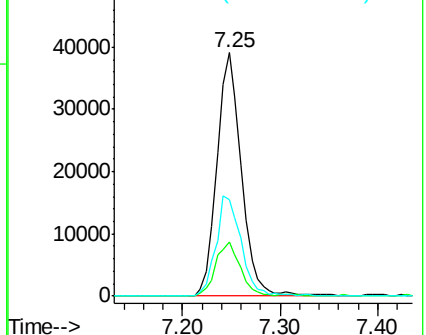
71 39.8 35.6 53.4

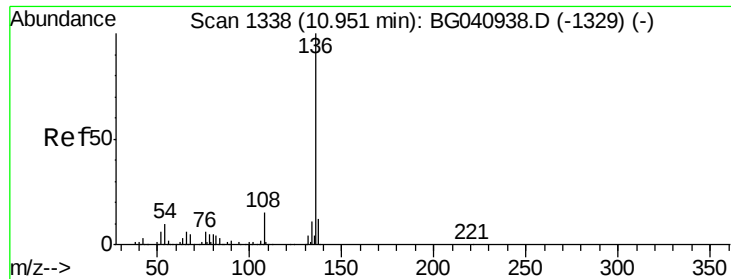


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

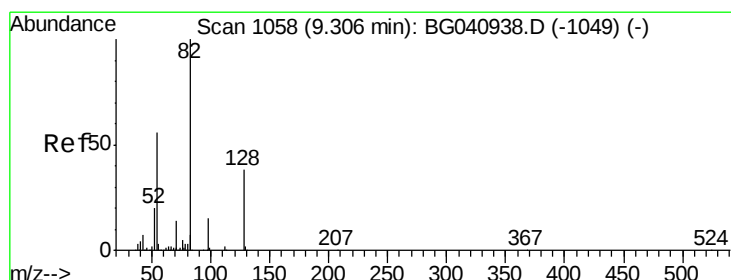
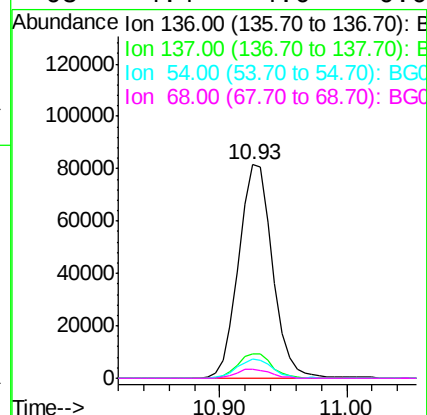
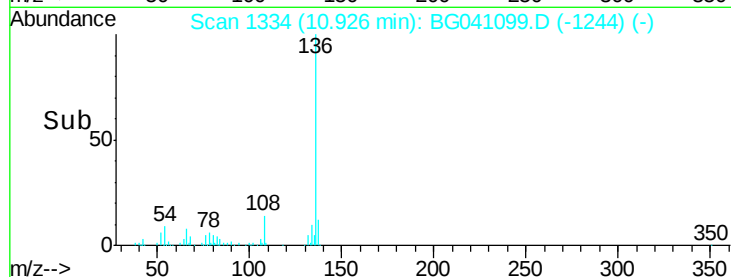
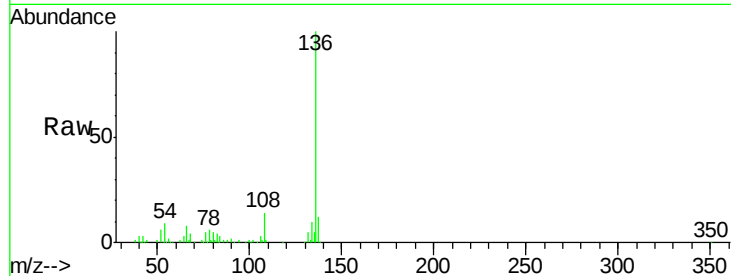




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

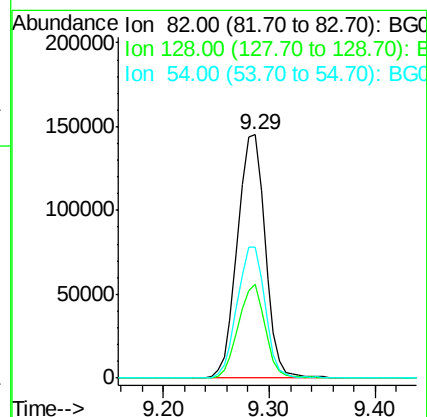
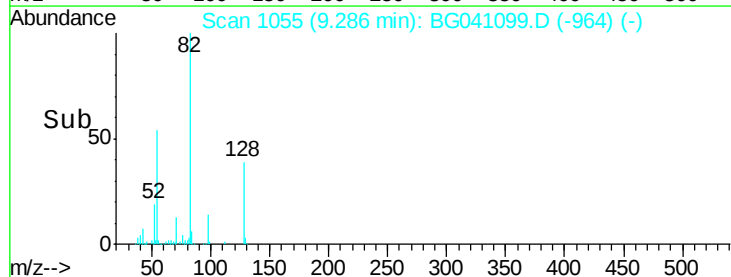
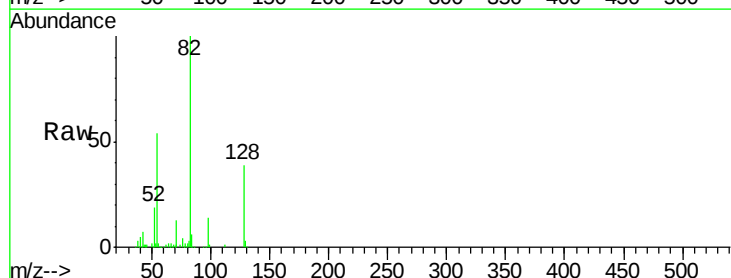
Instrument :
BNA_G
ClientSampleId :
LF001MW003-190604

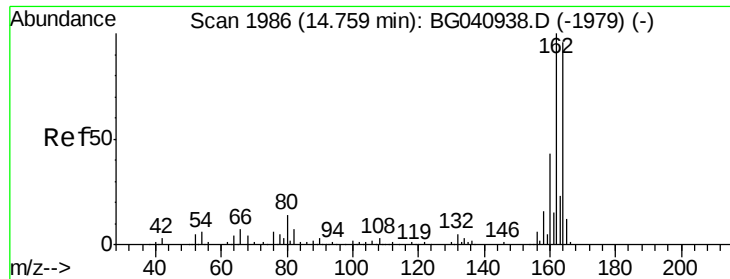
Tot Ion:	136	Resp:	150867
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.2	7.4	11.2
68	4.4	4.0	6.0



#23
Nitrobenzene-d5
Concen: 78.024 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

Tgt Ion:	82	Resp:	265155
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.6
54	53.6	43.6	65.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

Instrument :

BNA_G

ClientSampleId :

LF001MW003-190604

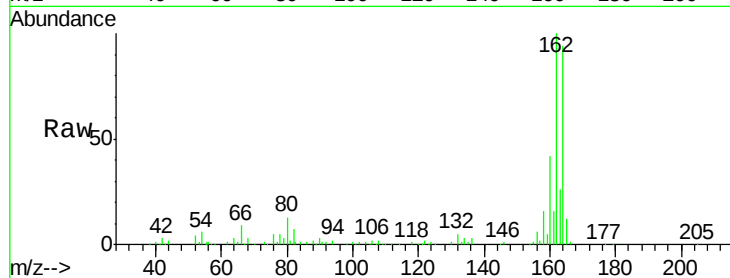
Tot Ion:164 Resp: 124232

Ion Ratio Lower Upper

164 100

162 105.9 85.4 128.0

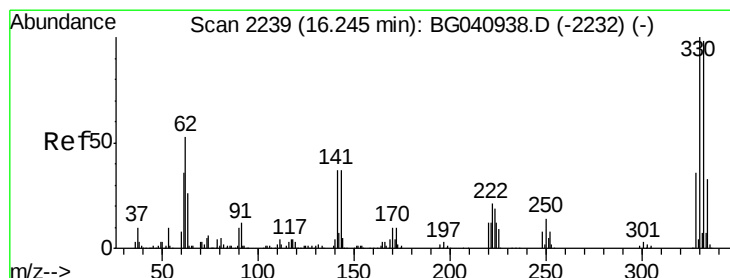
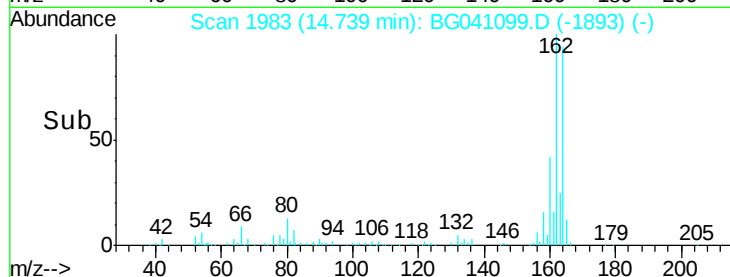
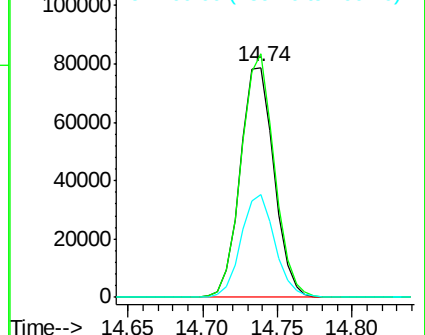
160 44.9 37.1 55.7



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: 71.850 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

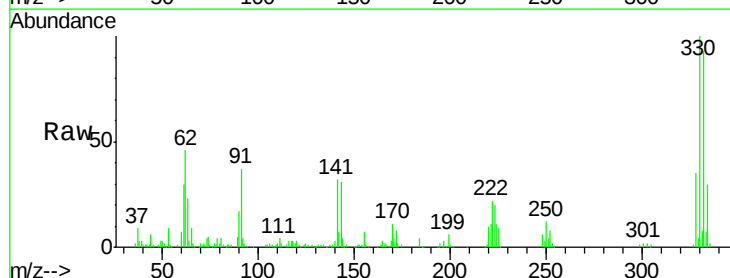
Tgt Ion:330 Resp: 132513

Ion Ratio Lower Upper

330 100

332 96.7 77.9 116.9

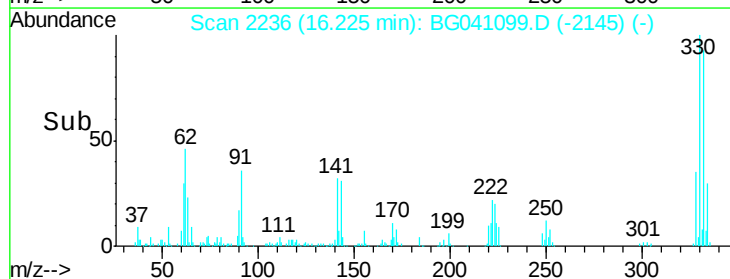
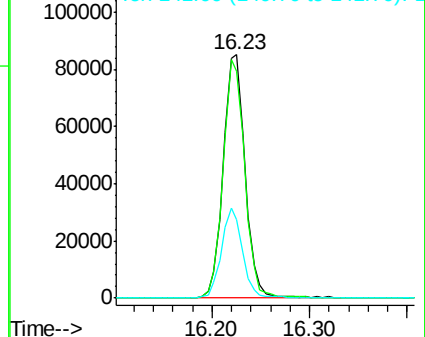
141 35.4 29.0 43.4

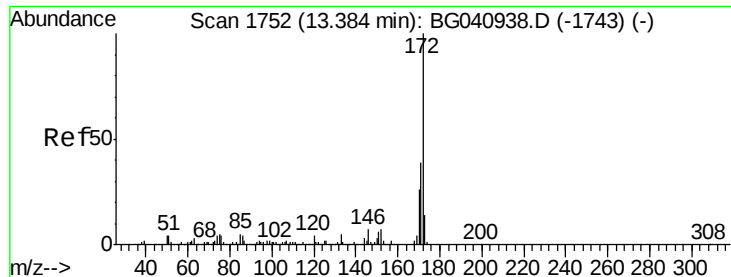


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

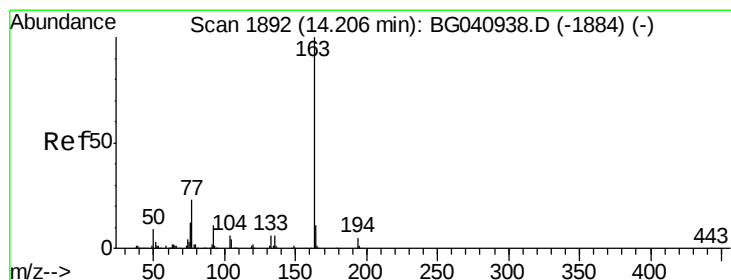
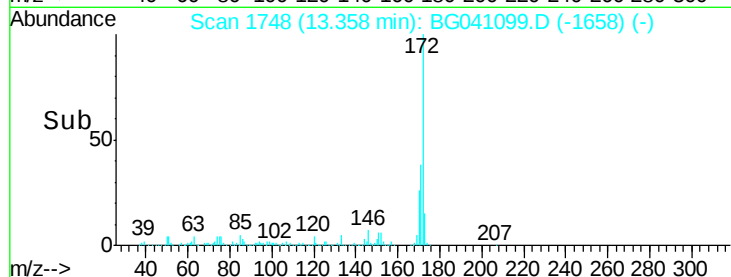
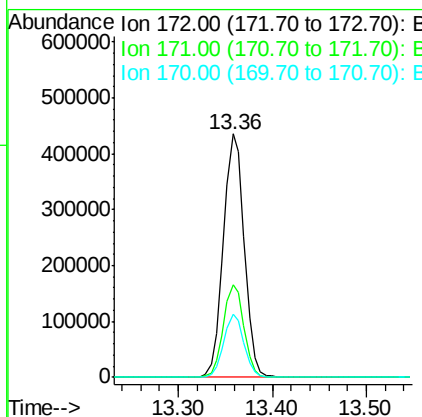
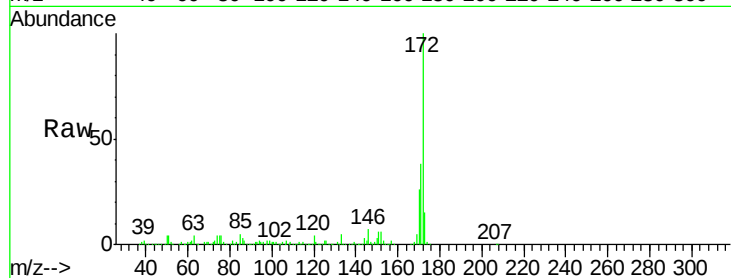




#45
2-Fluorobiphenyl
Concen: 78.270 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

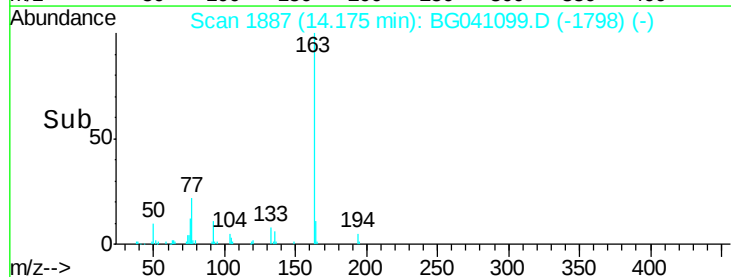
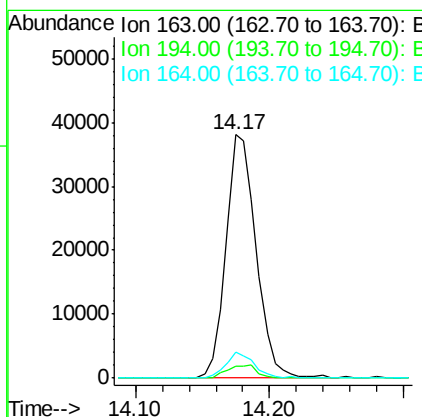
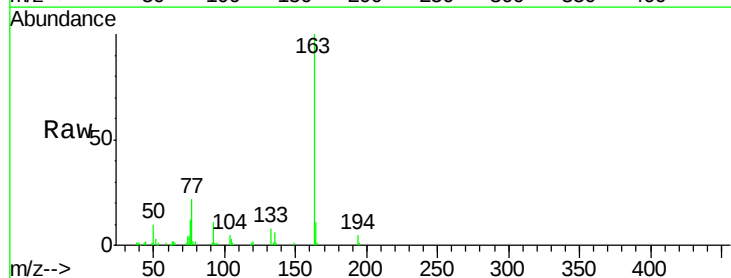
Instrument :
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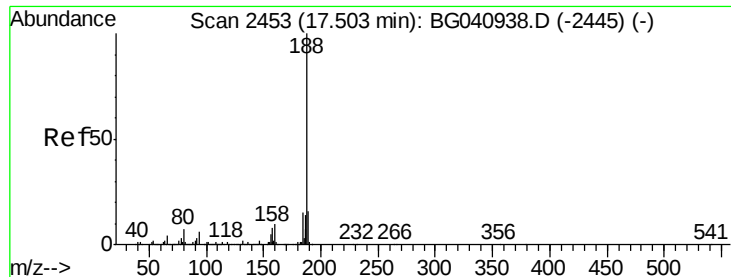
Tot Ion:172 Resp: 675206
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.8 21.3 31.9



#50
Dimethylphthalate
Concen: 5.726 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041099.D
Acq: 7 Jun 2019 13:30

Tgt Ion:163 Resp: 60220
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 10.9 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

Instrument :

BNA_G

ClientSampleId :

LF001MW003-190604

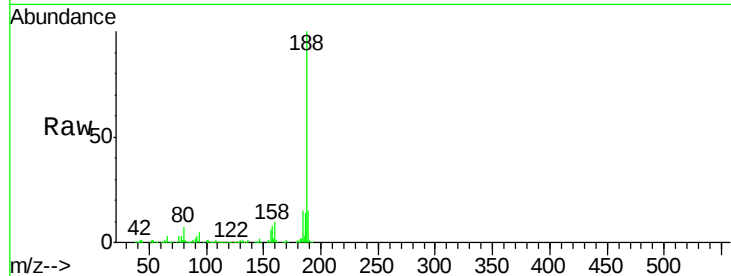
Tot Ion:188 Resp: 318200

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

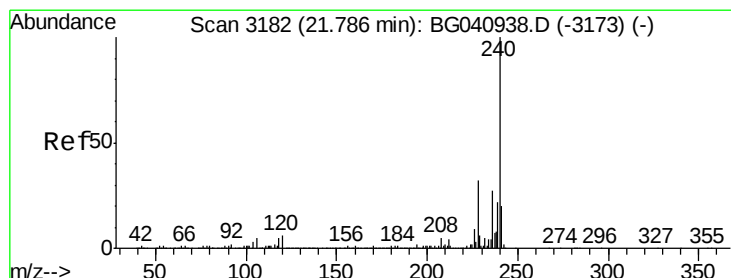
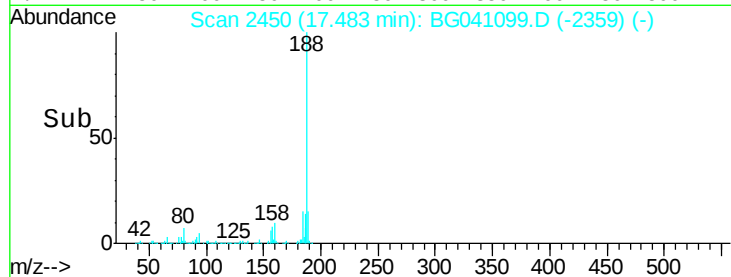
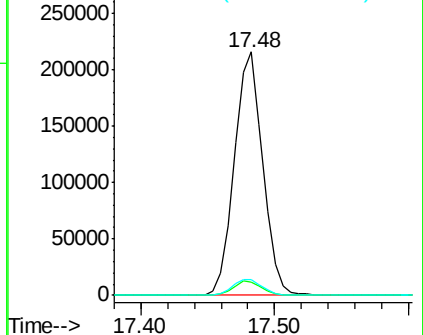
80 6.5 5.8 8.8



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

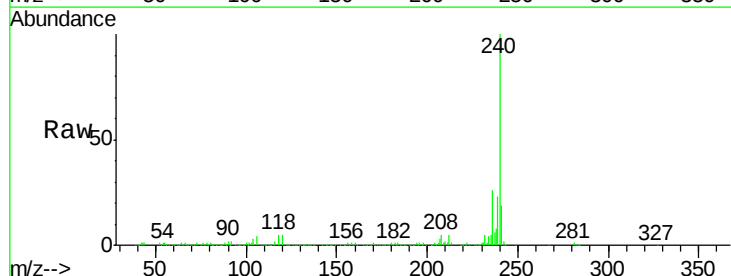
Tgt Ion:240 Resp: 314676

Ion Ratio Lower Upper

240 100

120 4.5 4.6 6.8#

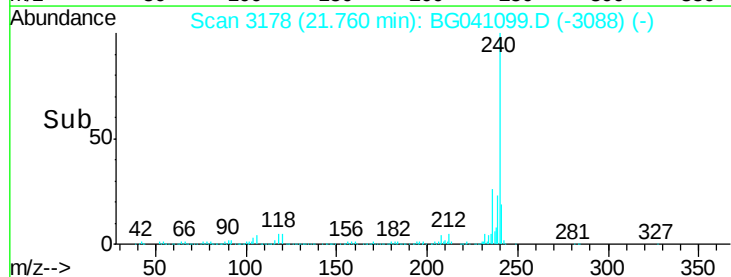
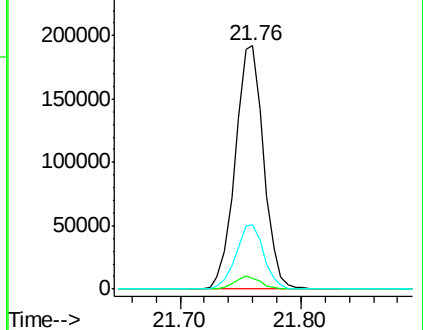
236 26.2 20.6 31.0

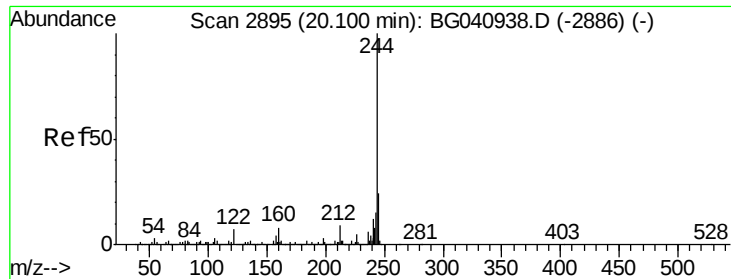


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.661 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

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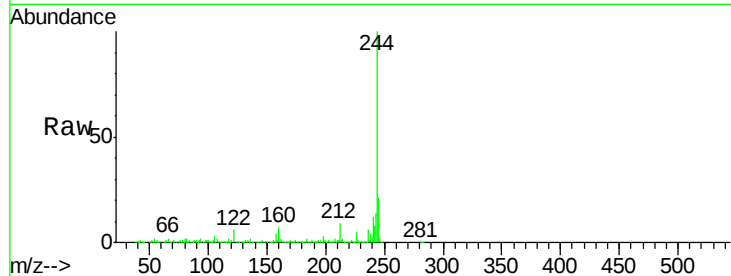
Tot Ion:244 Resp: 1225606

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

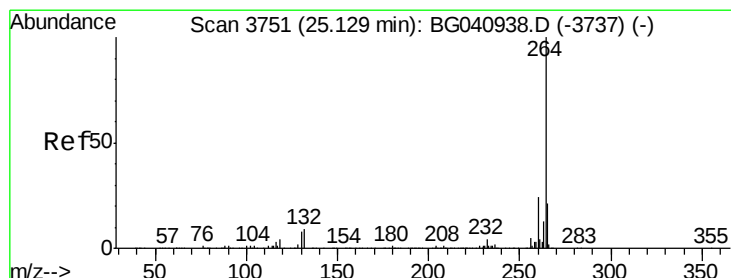
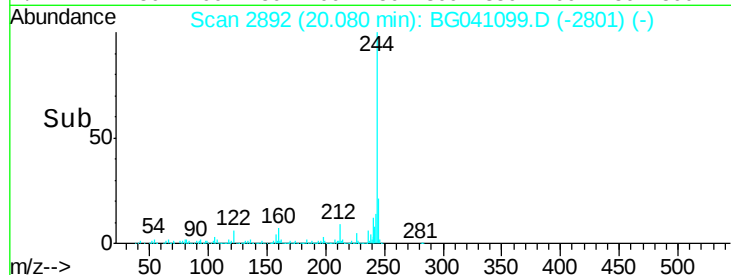
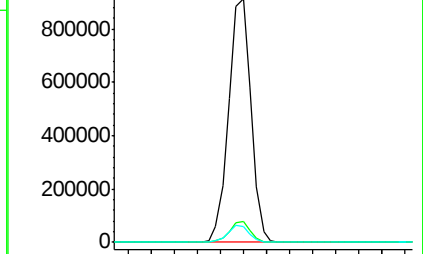
122 6.4 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041099.D

Acq: 7 Jun 2019 13:30

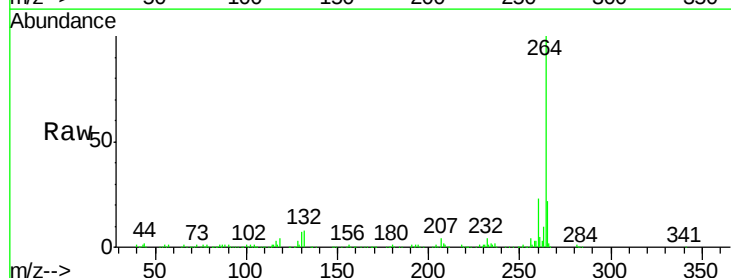
Tgt Ion:264 Resp: 332488

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 22.0 17.6 26.4



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

