

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040045.D
 Acq On : 20 Mar 2019 21:04
 Operator : JU/SJ
 Sample : K1935-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17(0.5-1.5)

Quant Time: Mar 21 10:46:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

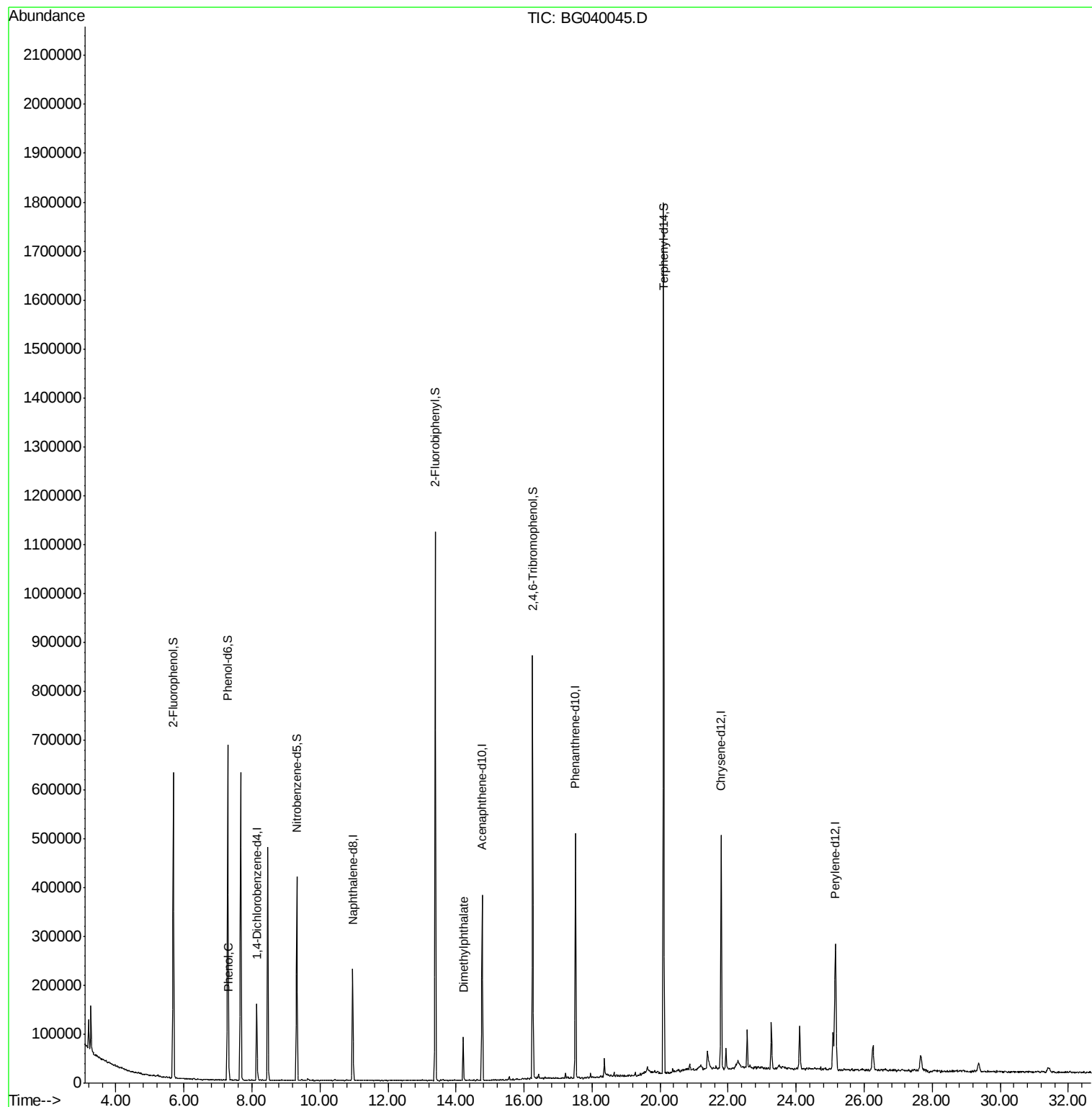
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43580	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	194647	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	132277	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	310215	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	291427	20.00	ng	-0.03
87) Perylene-d12	25.15	264	291469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	259039	101.40	ng	-0.02
7) Phenol-d6	7.29	99	394975	103.70	ng	-0.02
23) Nitrobenzene-d5	9.32	82	255022	70.86	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	147703	95.80	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	603572	64.97	ng	-0.03
79) Terphenyl-d14	20.10	244	804202	60.76	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	14869	3.603	ng	98
50) Dimethylphthalate	14.21	163	59981	5.423	ng	100

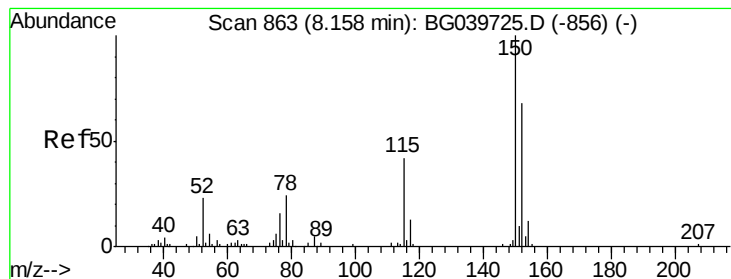
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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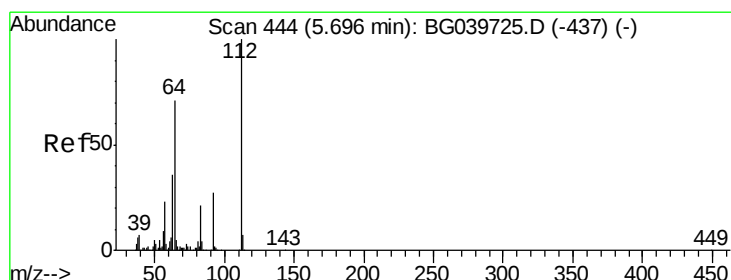
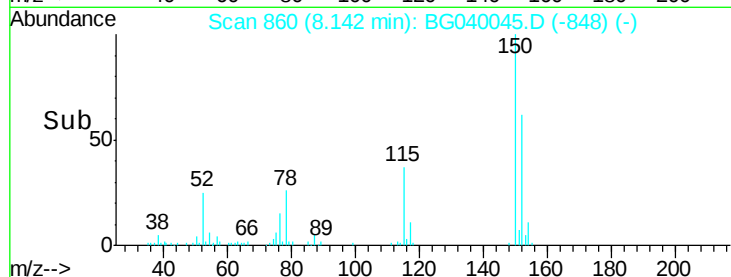
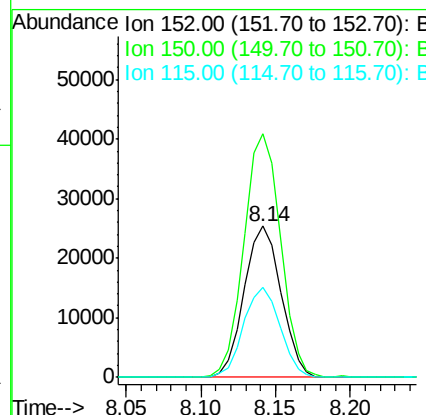
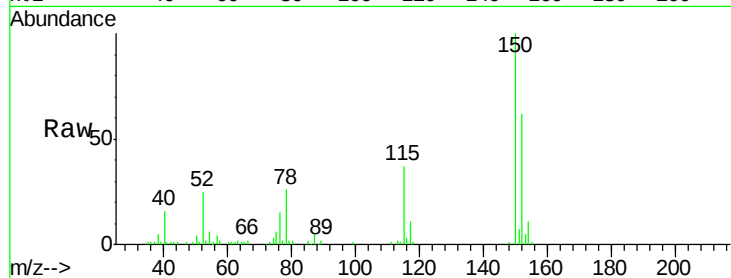


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Instrument :
BNA_G
ClientSampleId :
SB-17(0.5-1.5)

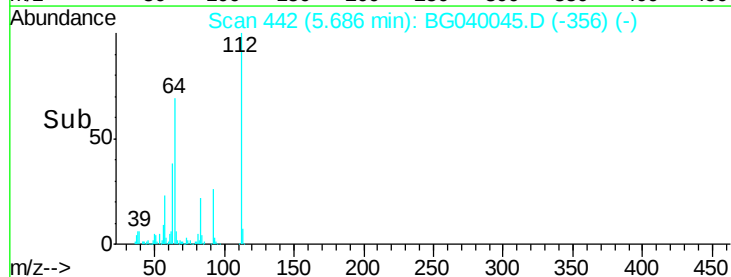
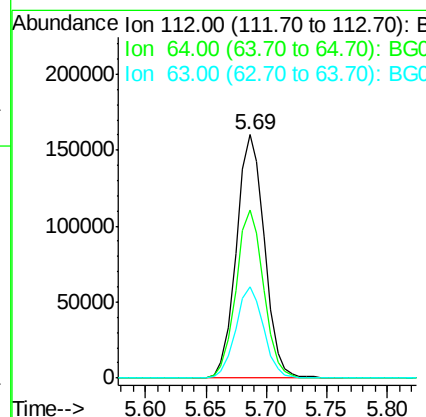
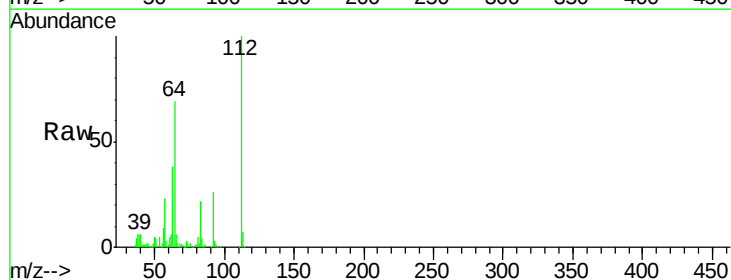
Tgt Ion:152 Resp: 43580
Ion Ratio Lower Upper
152 100
150 161.2 123.7 185.5
115 59.7 45.9 68.9

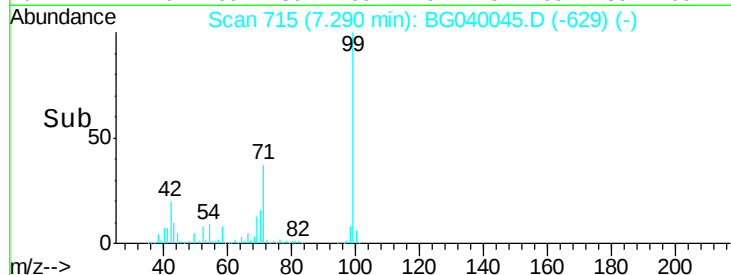
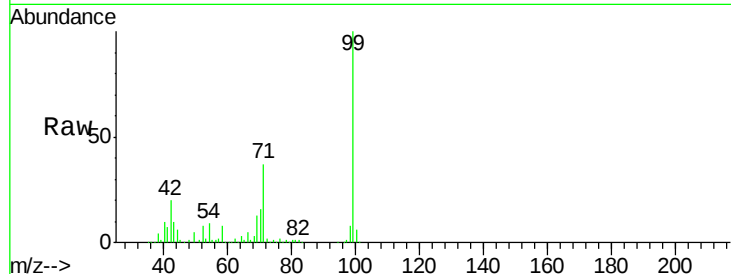
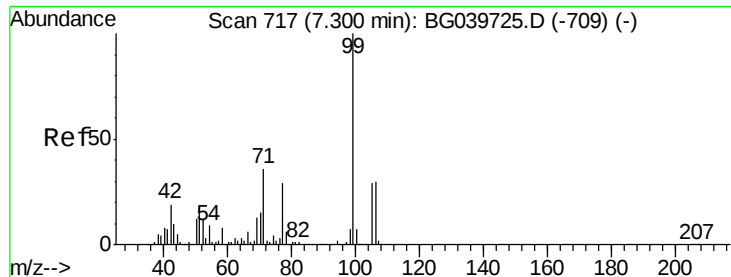


#5

2-Fluorophenol
Concen: 101.405 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:112 Resp: 259039
Ion Ratio Lower Upper
112 100
64 69.3 57.8 86.8
63 37.6 29.8 44.6





#7

Phenol-d6

Concen: 103.698 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-17(0.5-1.5)

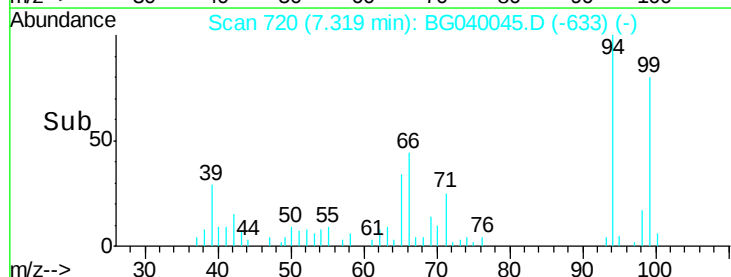
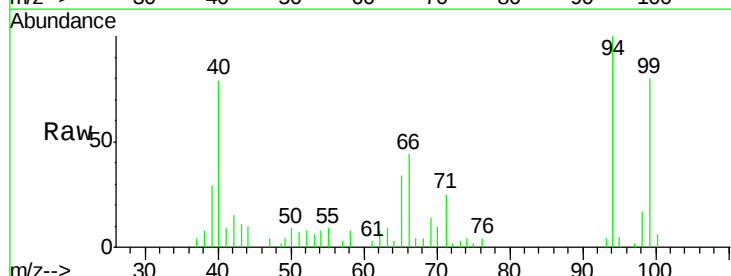
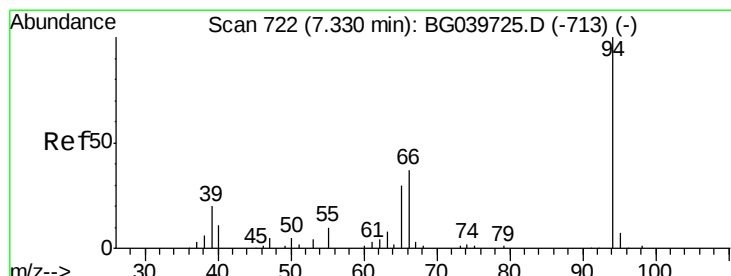
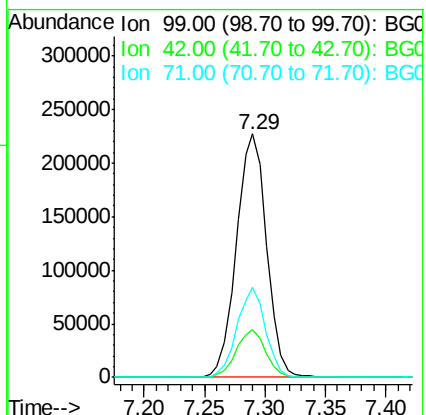
Tgt Ion: 99 Resp: 394975

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 36.8 28.0 42.0



#10

Phenol

Concen: 3.603 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

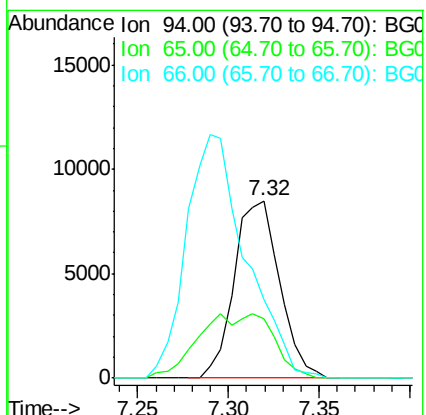
Tgt Ion: 94 Resp: 14869

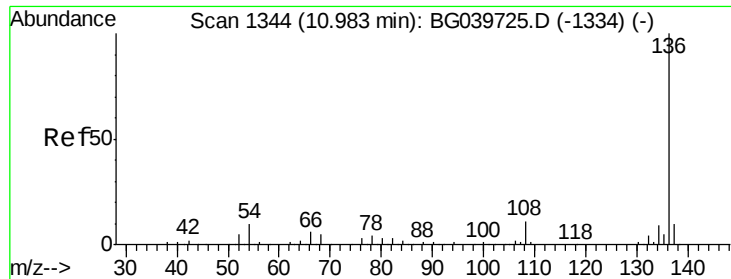
Ion Ratio Lower Upper

94 100

65 33.8 11.7 51.7

66 44.3 23.7 63.7

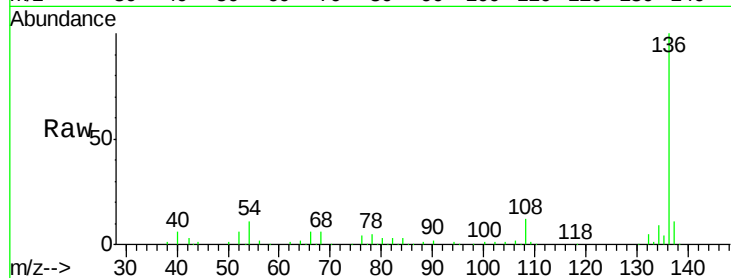




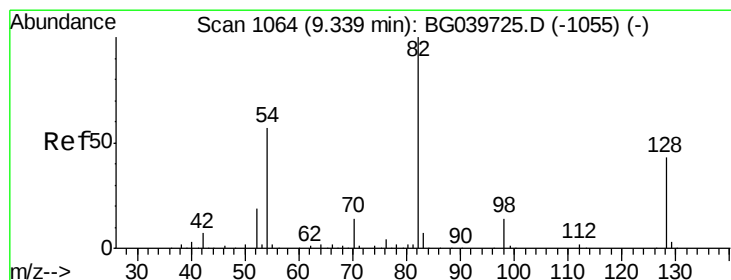
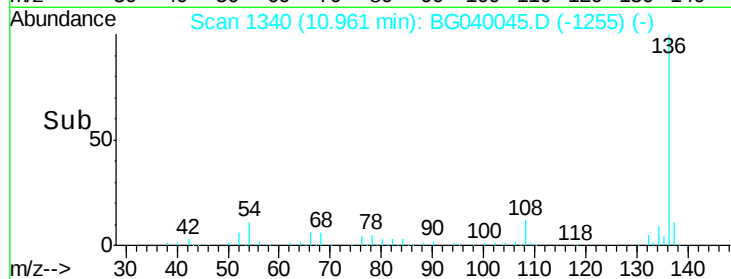
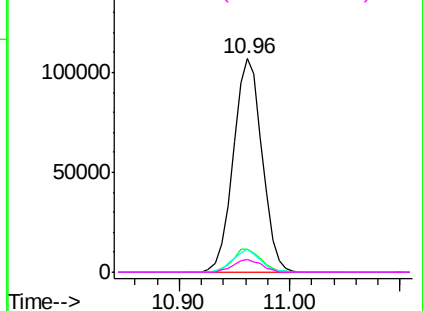
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Instrument :
BNA_G
ClientSampleId :
SB-17(0.5-1.5)

Tgt Ion:	136	Resp:	194647
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.6	9.4	14.2
68	5.9	4.2	6.4

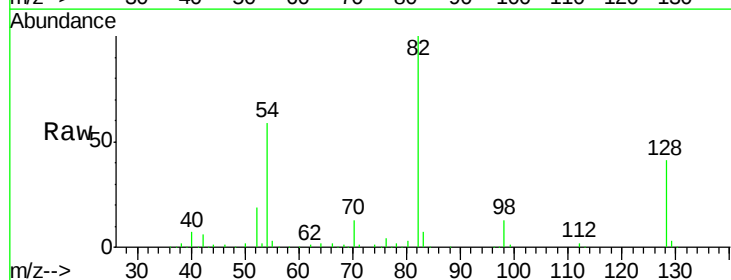


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

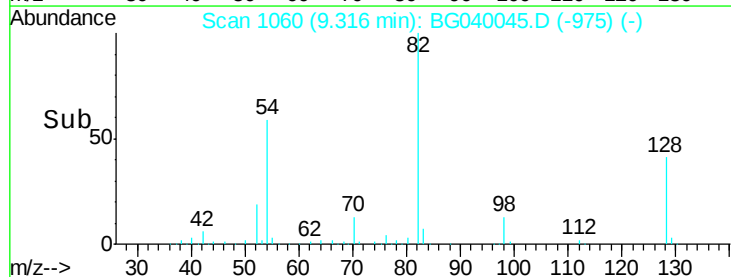
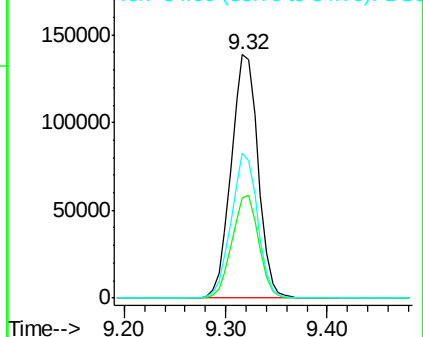


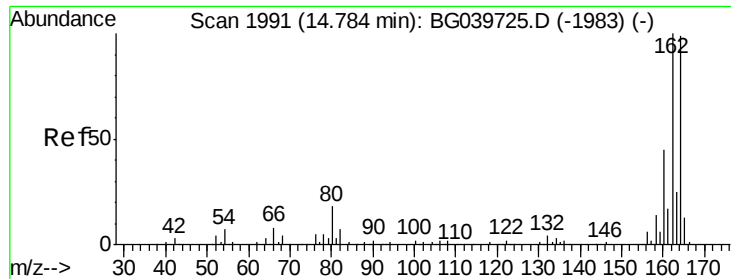
#23
Nitrobenzene-d5
Concen: 70.860 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:	82	Resp:	255022
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	59.4	50.9	76.3



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-17(0.5-1.5)

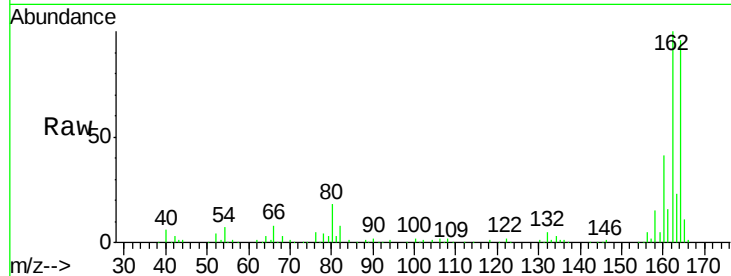
Tgt Ion:164 Resp: 132277

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

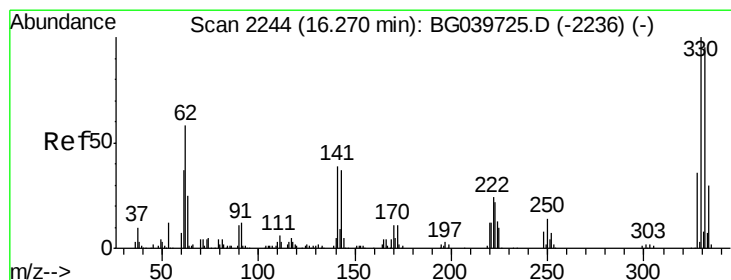
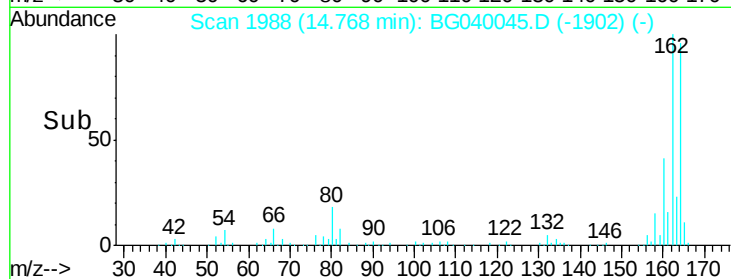
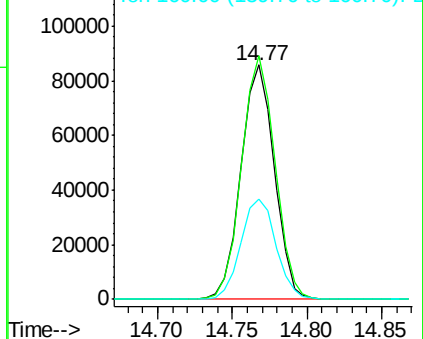
160 43.0 34.2 51.2



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: 95.800 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

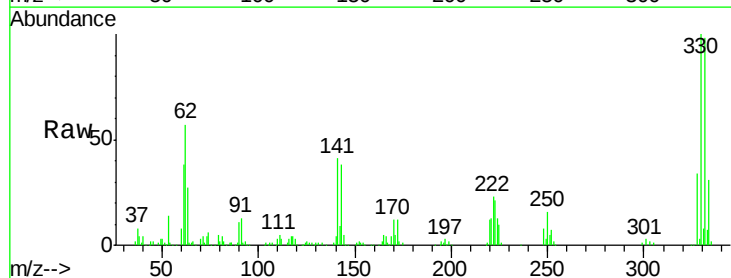
Tgt Ion:330 Resp: 147703

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

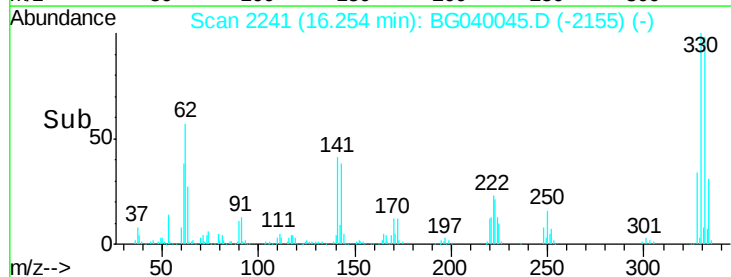
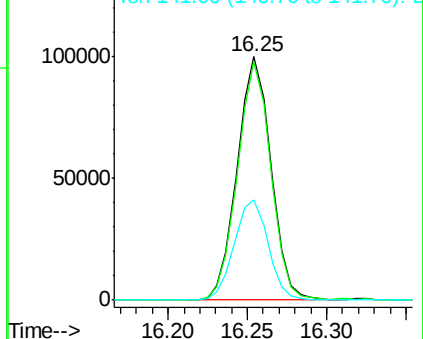
141 41.7 35.6 53.4

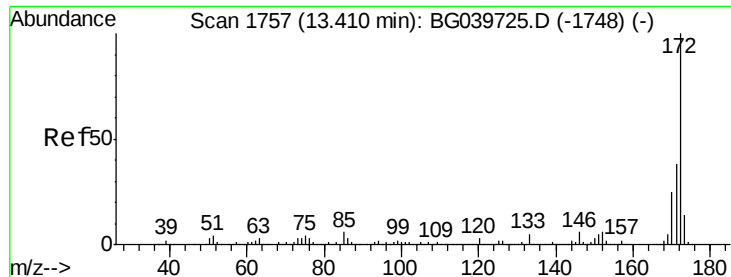


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

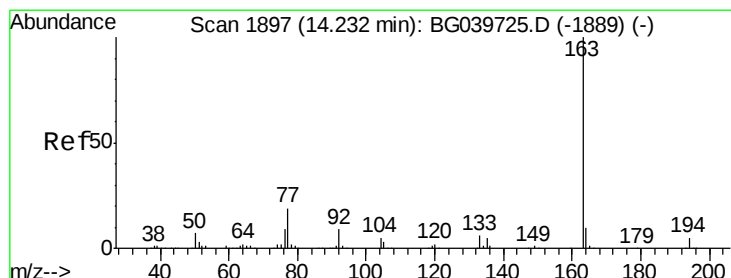
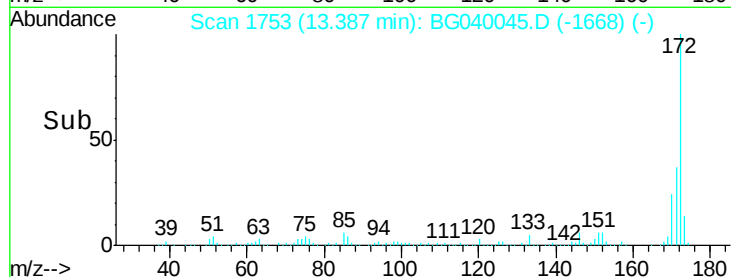
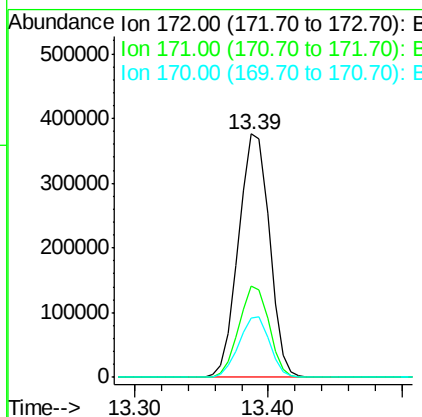
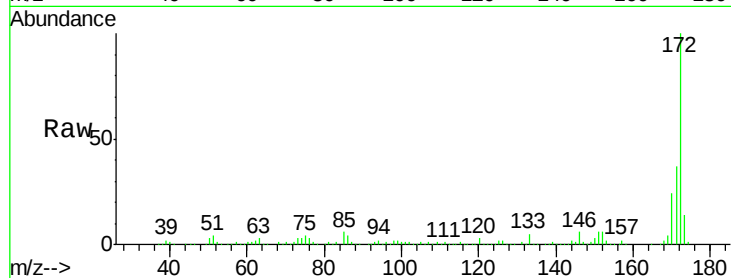




#45
2-Fluorobiphenyl
Concen: 64.968 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

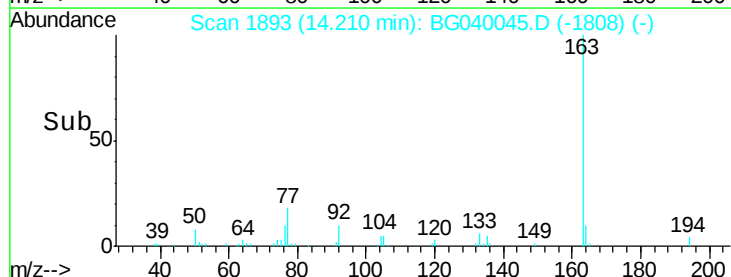
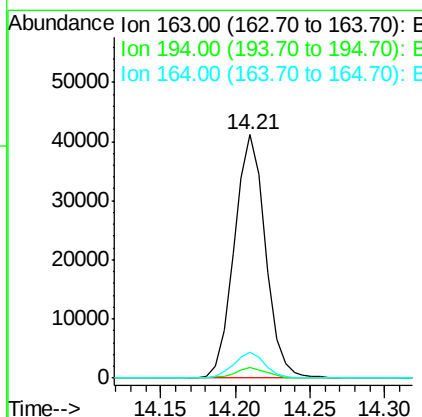
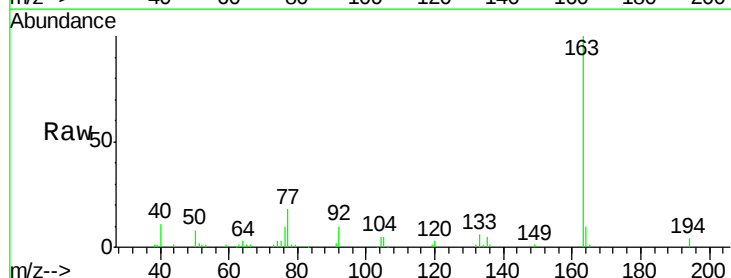
Instrument :
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ClientSampleId :
SB-17(0.5-1.5)

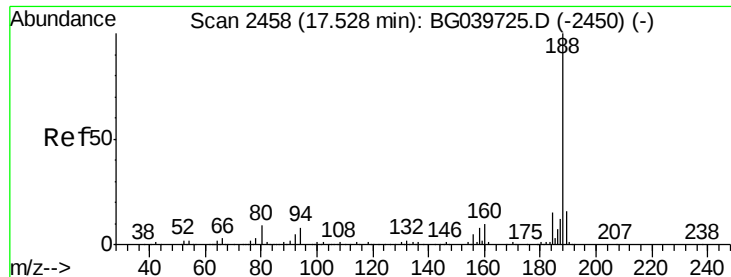
Tgt Ion:172 Resp: 603572
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.3 20.2 30.4



#50
Dimethylphthalate
Concen: 5.423 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:163 Resp: 59981
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.4 8.4 12.6

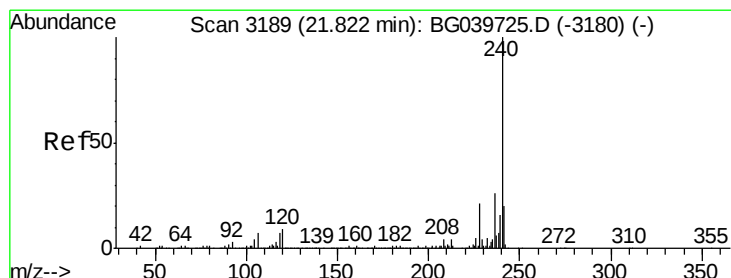
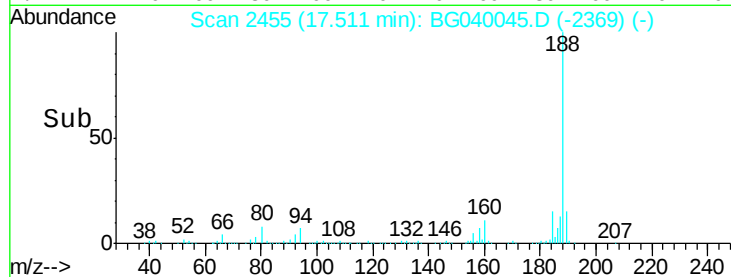
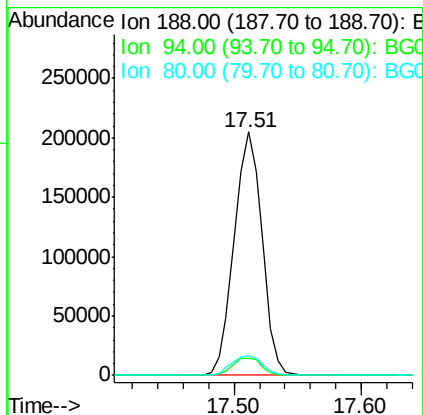
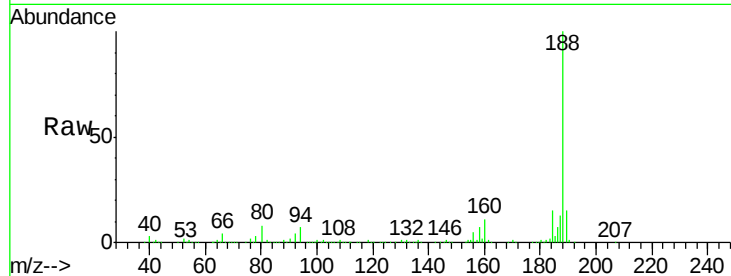




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

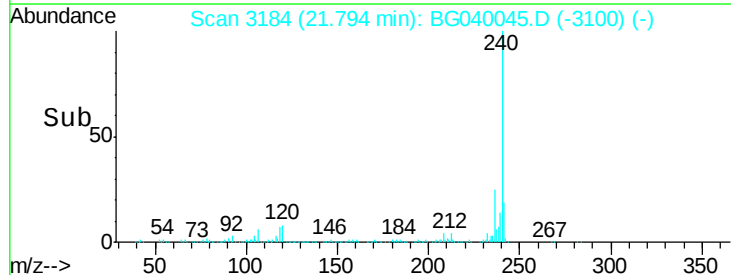
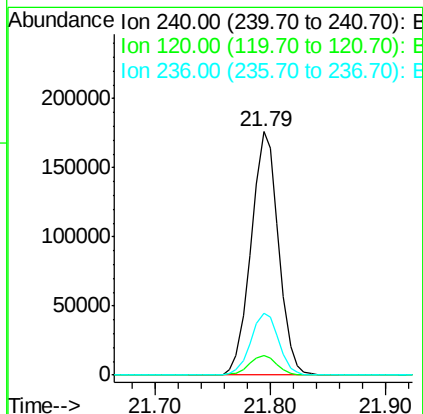
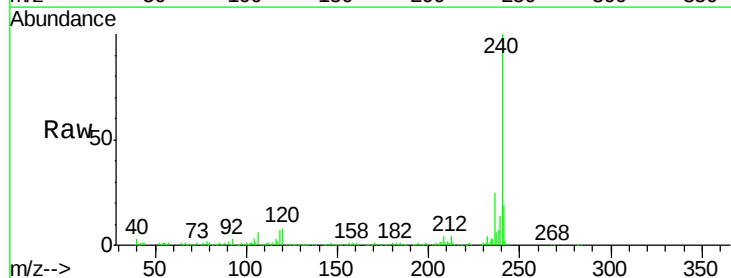
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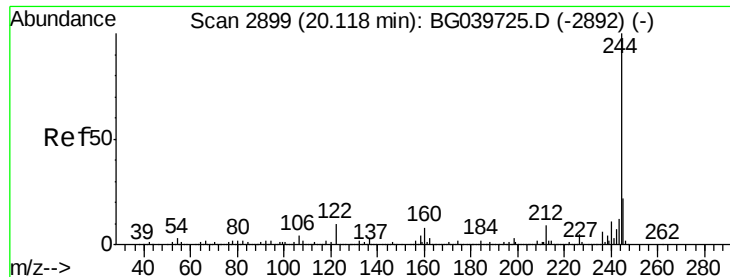
Tgt Ion:188 Resp: 310215
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 8.3 8.1 12.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Tgt Ion:240 Resp: 291427
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.0 10.6
 236 25.2 21.0 31.4





#79

Terphenyl-d14

Concen: 60.760 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-17(0.5-1.5)

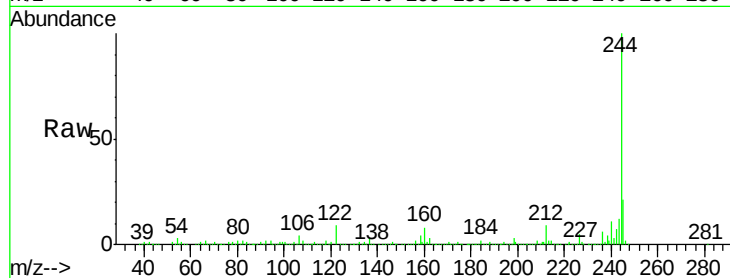
Tgt Ion:244 Resp: 804202

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

122 9.1 8.4 12.6



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

800000

600000

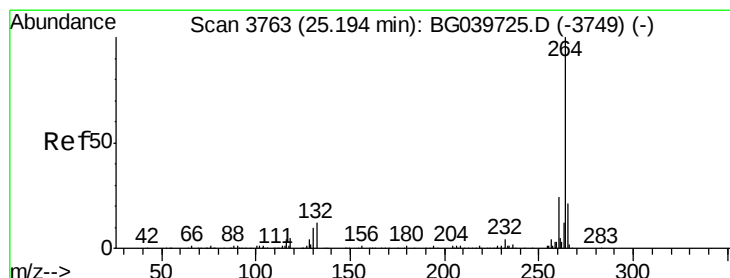
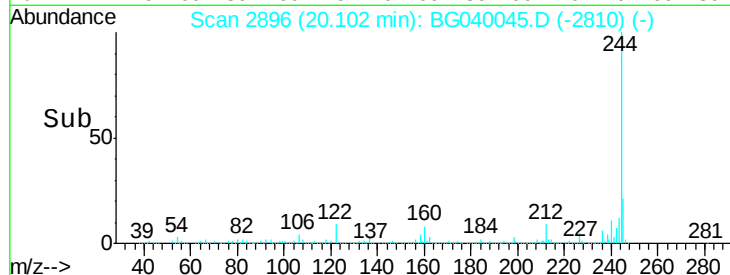
400000

200000

0

20.10

Time--> 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

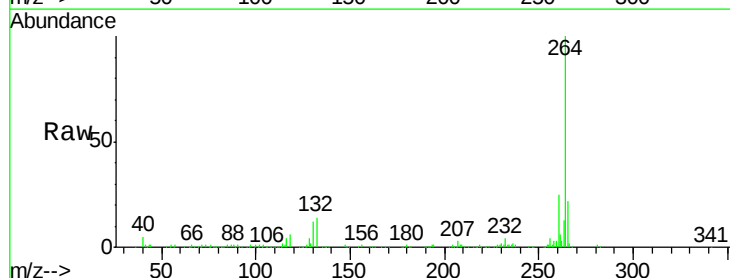
Tgt Ion:264 Resp: 291469

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 21.5 18.5 27.7



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

120000

100000

80000

60000

40000

20000

0

25.15

Time--> 25.00 25.10 25.20 25.30

