

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032039.D
 Acq On : 15 Jan 2018 19:29
 Operator : SJ/JU
 Sample : J1109-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-1(70-72)

Quant Time: Jan 16 02:40:08 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

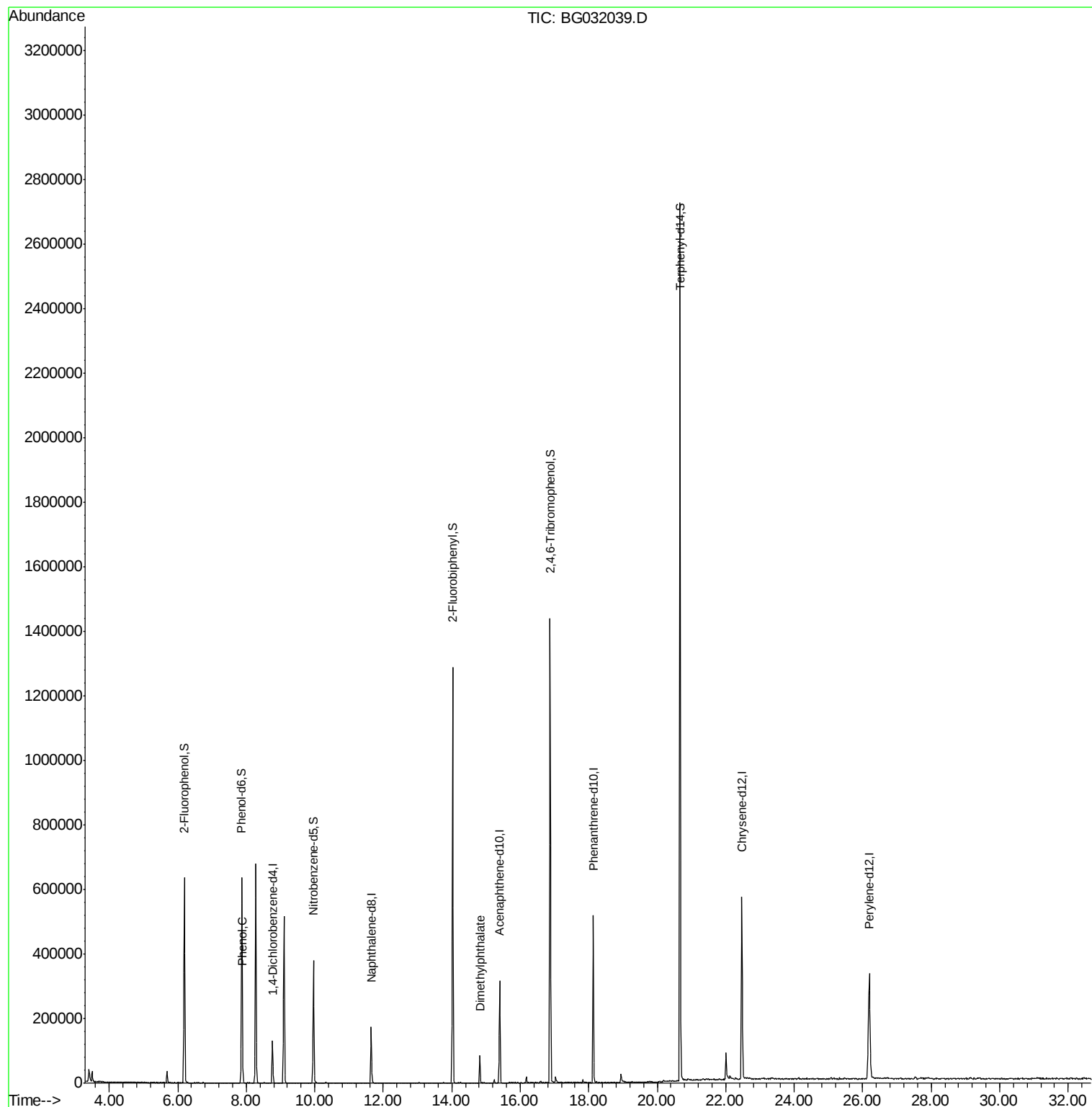
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	43191	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	173944	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	122457	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	350199	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	448037	20.00	ng	-0.02
86) Perylene-d12	26.19	264	470159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	330036	139.75	ng	0.00
7) Phenol-d6	7.87	99	416969	140.19	ng	0.00
23) Nitrobenzene-d5	9.96	82	243372	94.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	320061	157.95	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	762665	77.22	ng	0.00
78) Terphenyl-d14	20.67	244	1536184	75.71	ng	0.00
Target Compounds						
10) Phenol	7.90	94	9620	3.283	ng	Qvalue # 72
49) Dimethylphthalate	14.82	163	62669	5.848	ng	98

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

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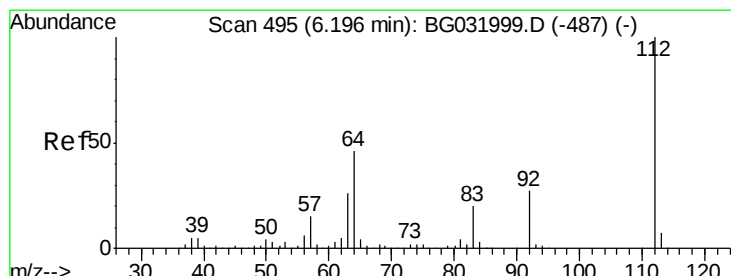
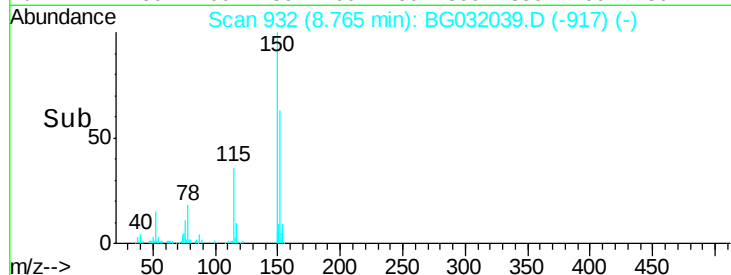
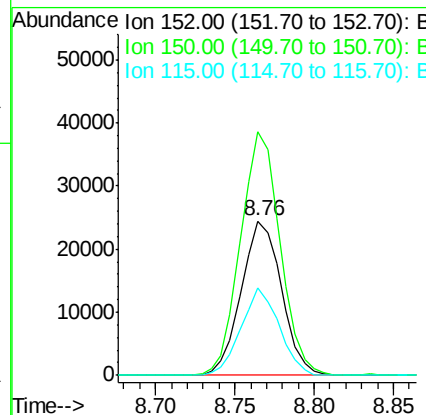
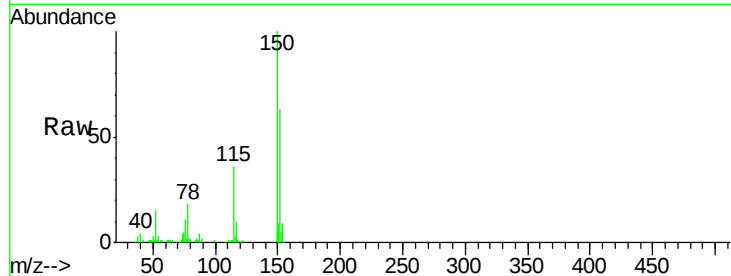


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Instrument :
BNA_G
ClientSampleId :
EPE-106-1(70-72)

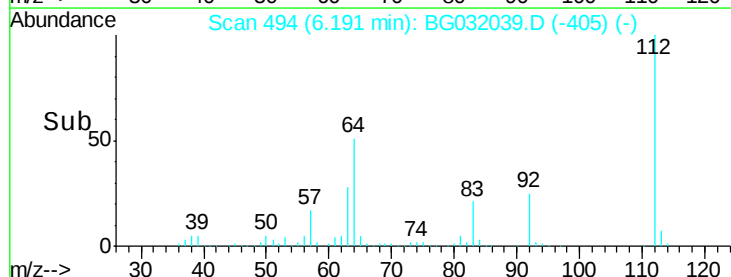
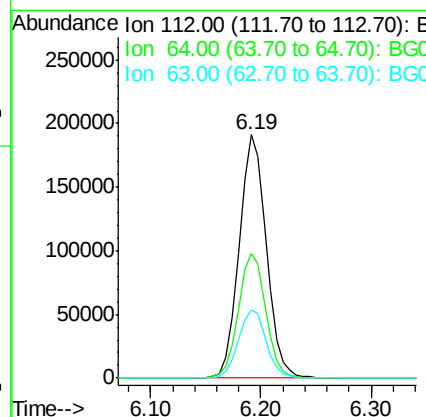
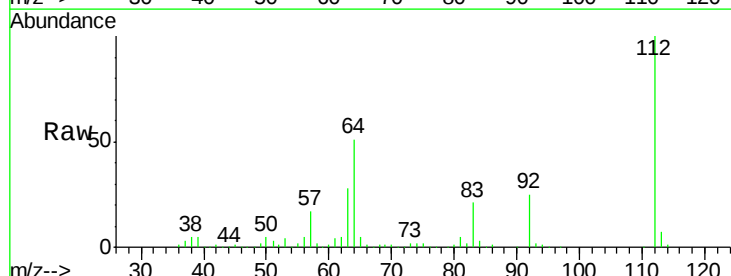
Tgt Ion:152 Resp: 43191
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 56.4 53.0 79.4

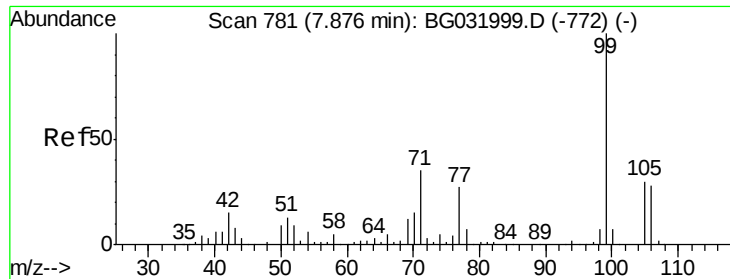


#5

2-Fluorophenol
Concen: 139.755 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Tgt Ion:112 Resp: 330036
Ion Ratio Lower Upper
112 100
64 51.3 56.3 84.5#
63 28.1 30.1 45.1#





#7

Phenol-d6

Concen: 140.195 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EPE-106-1(70-72)

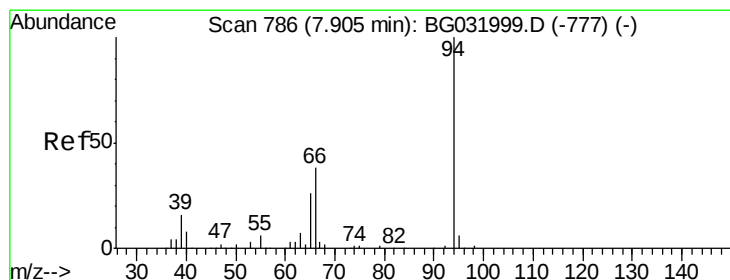
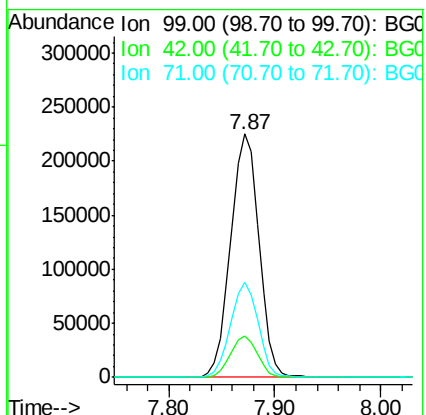
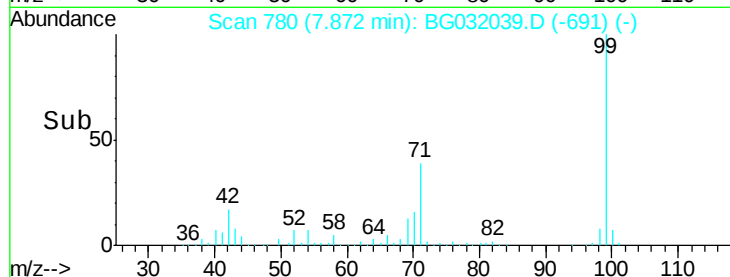
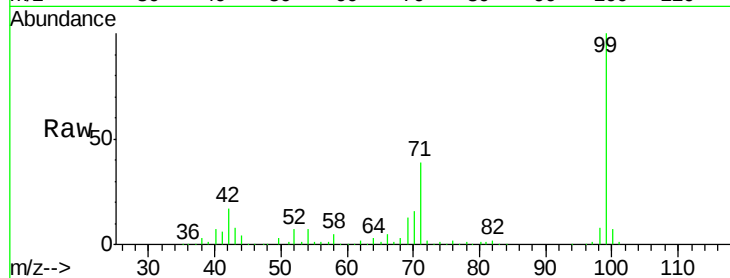
Tgt Ion: 99 Resp: 416969

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 39.0 26.1 39.1



#10

Phenol

Concen: 3.283 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

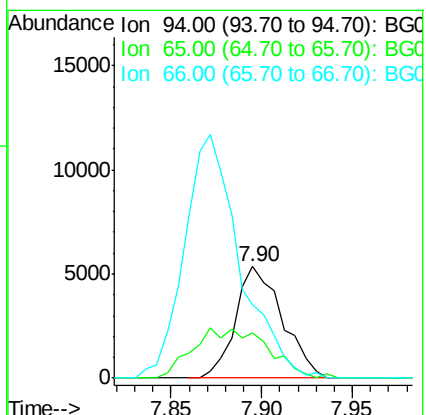
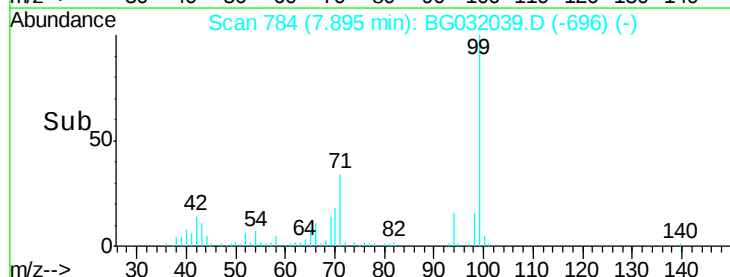
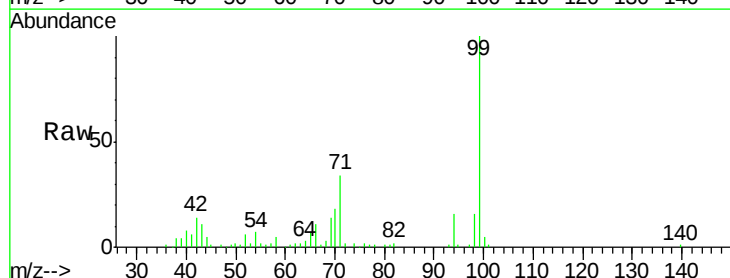
Tgt Ion: 94 Resp: 9620

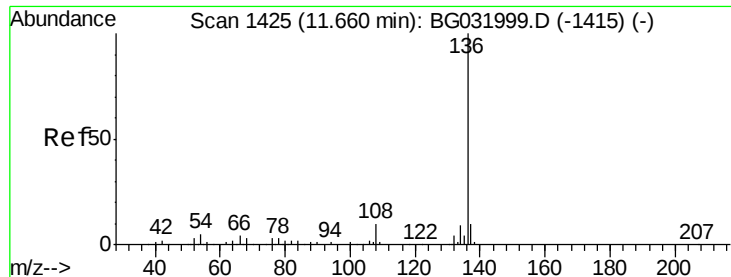
Ion Ratio Lower Upper

94 100

65 40.5 11.9 51.9

66 65.7 22.2 62.2#

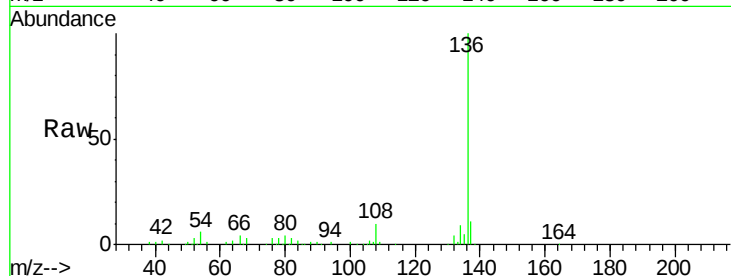




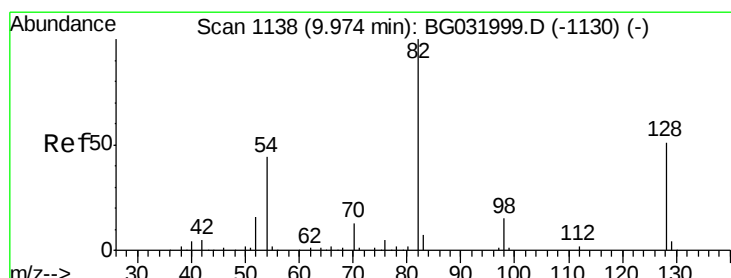
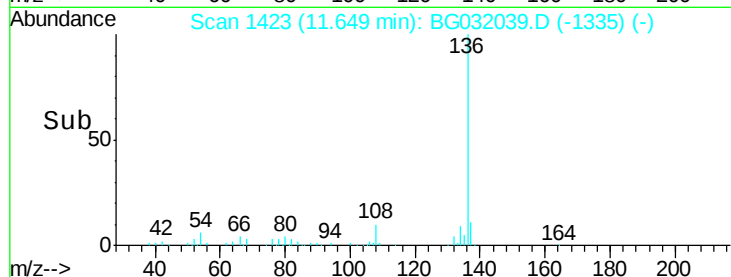
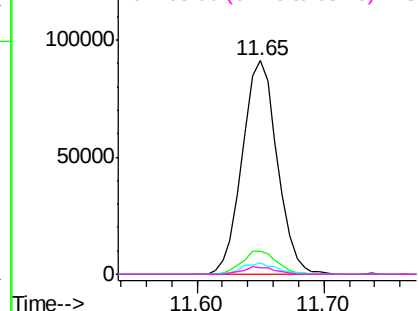
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Instrument :
BNA_G
ClientSampleId :
EPE-106-1(70-72)

Tgt Ion:	136	Resp:	173944
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.6	10.3	15.5#
68	3.3	4.5	6.7#

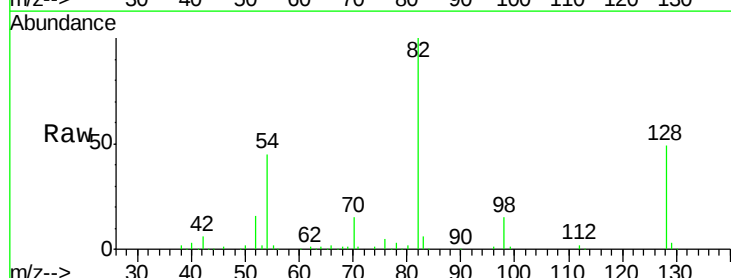


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

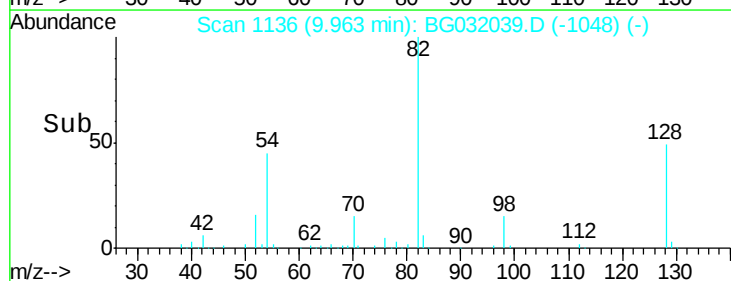
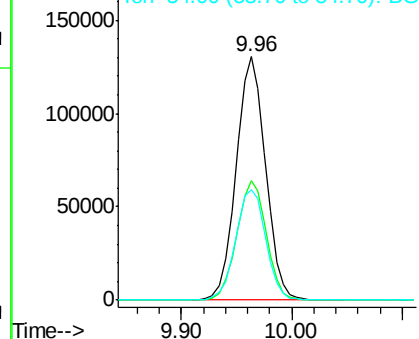


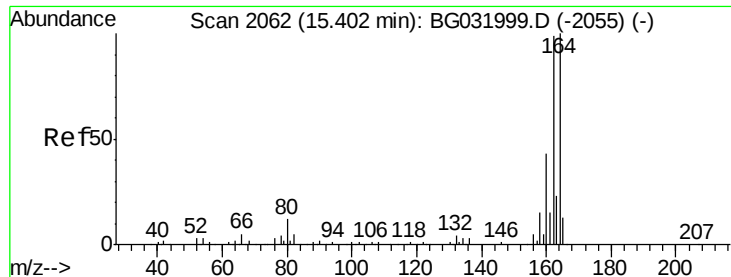
#23
Nitrobenzene-d5
Concen: 94.658 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Tgt Ion:	82	Resp:	243372
Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	45.2	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EPE-106-1(70-72)

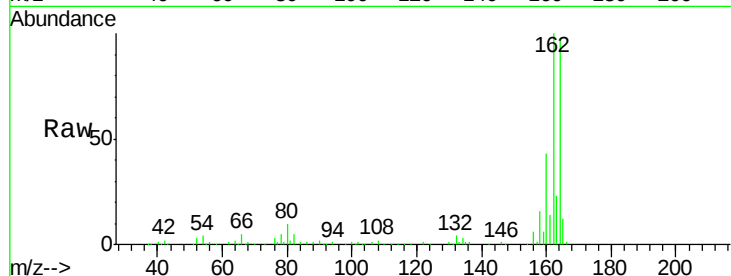
Tgt Ion:164 Resp: 122457

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

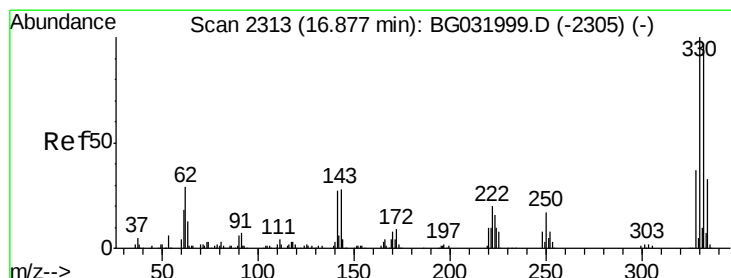
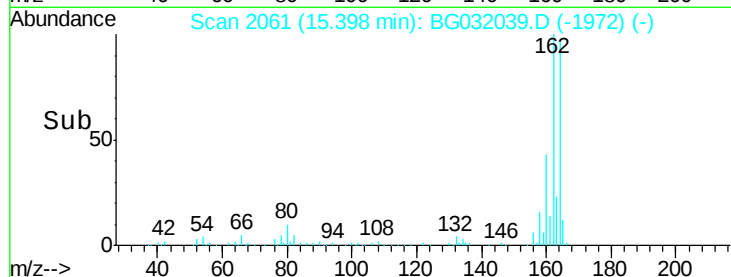
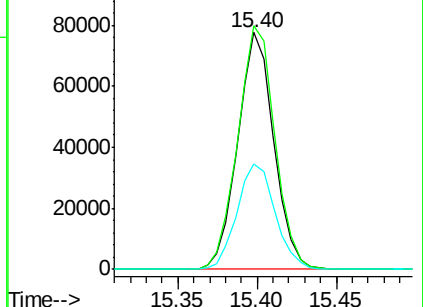
160 44.6 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 157.947 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

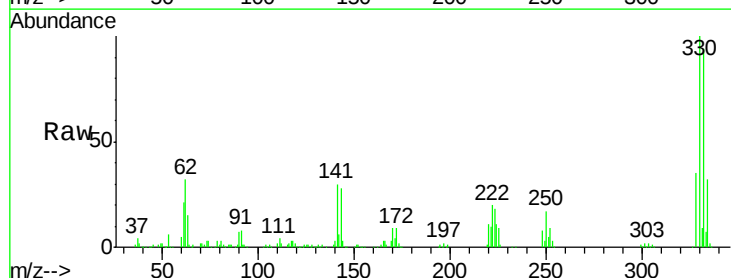
Tgt Ion:330 Resp: 320061

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

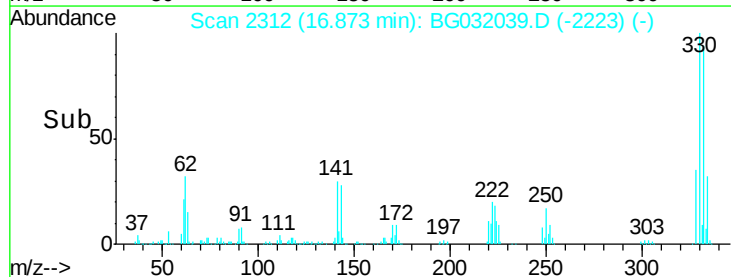
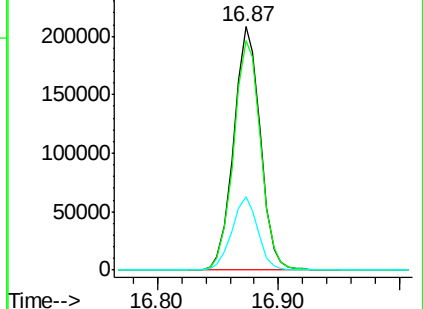
141 29.3 25.2 37.8

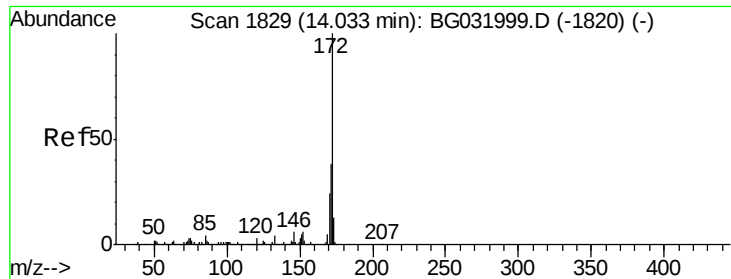


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.224 ng

RT: 14.03 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EPE-106-1(70-72)

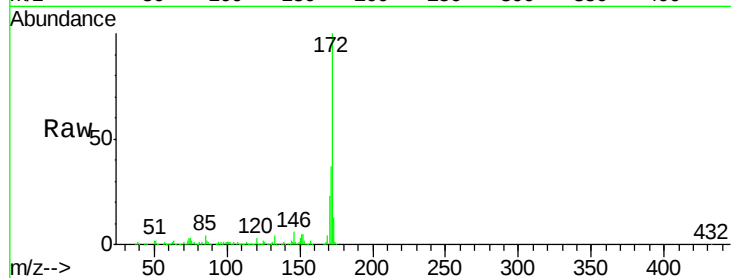
Tgt Ion:172 Resp: 762665

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

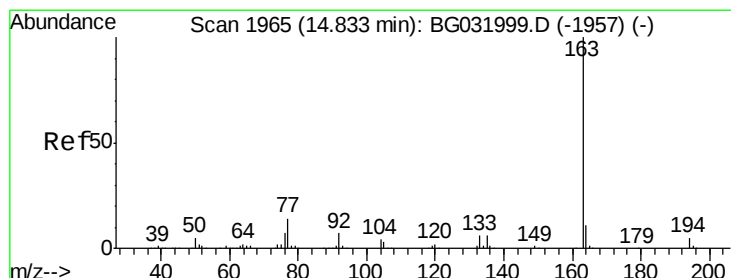
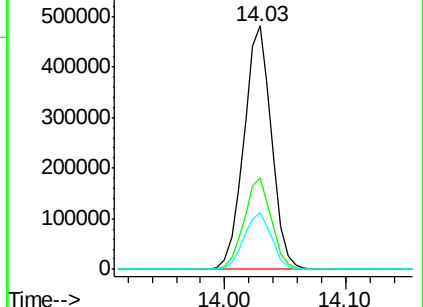
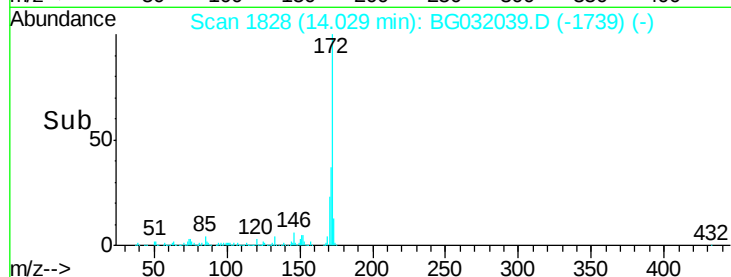
170 23.4 19.5 29.3



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



#49

Dimethylphthalate

Concen: 5.848 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

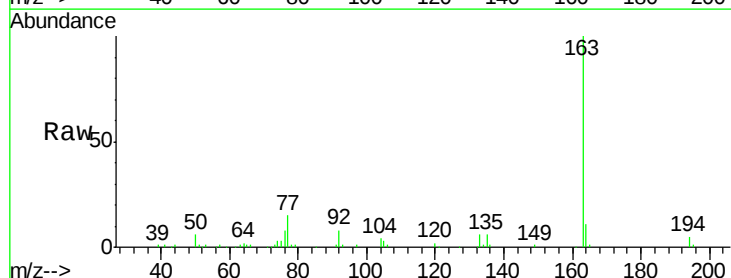
Tgt Ion:163 Resp: 62669

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

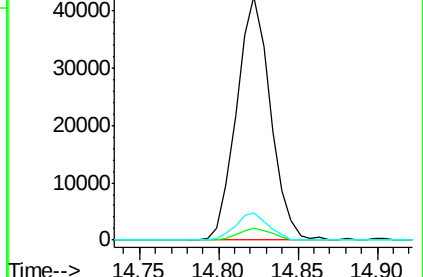
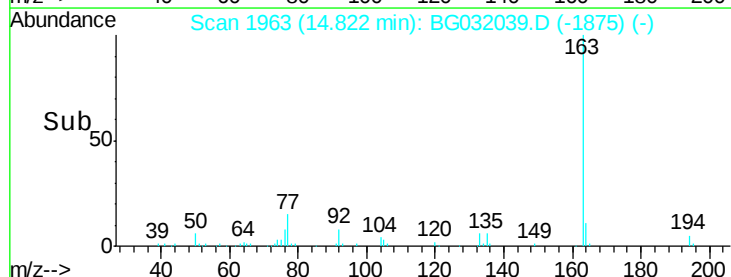
164 11.3 8.2 12.4

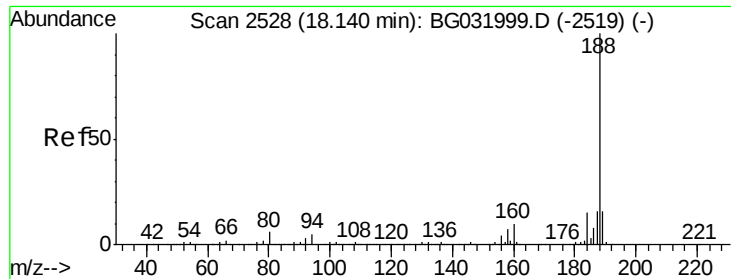


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

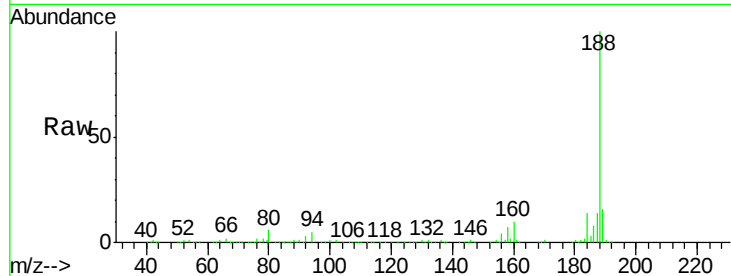




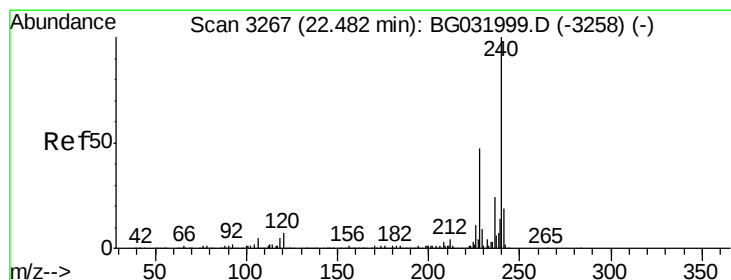
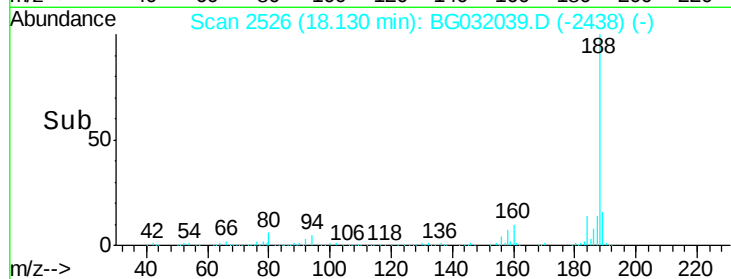
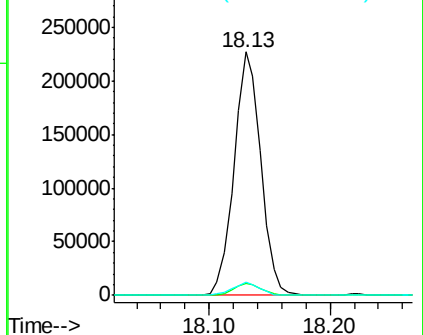
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Instrument :
BNA_G
ClientSampleId :
EPE-106-1(70-72)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.7	7.7	11.5#

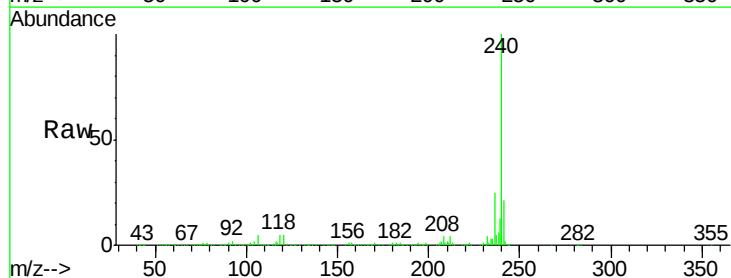


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

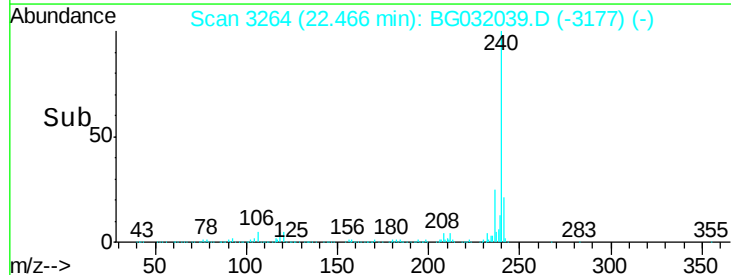
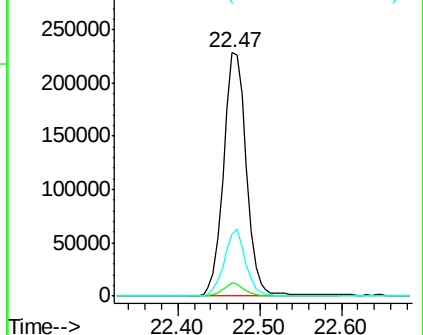


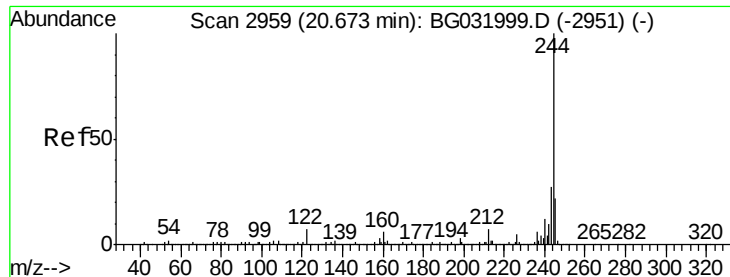
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032039.D
Acq: 15 Jan 2018 19:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.2	20.9	31.3



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





#78

Terphenyl-d14

Concen: 75.707 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EPE-106-1(70-72)

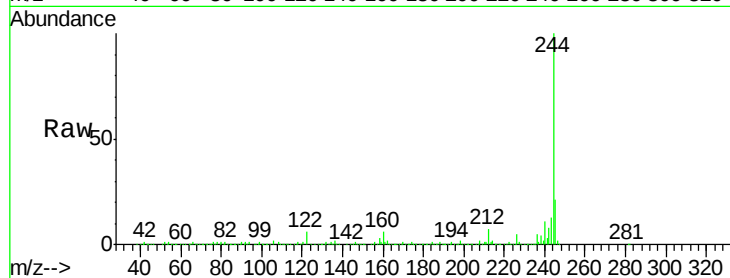
Tgt Ion:244 Resp: 1536184

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

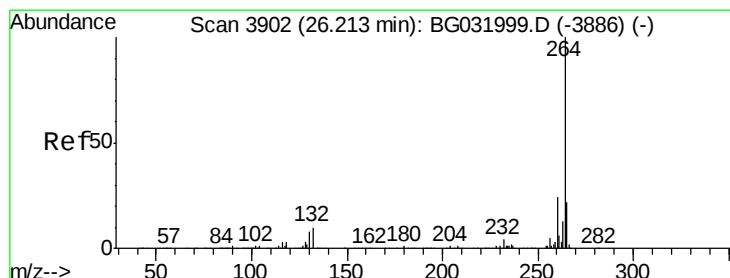
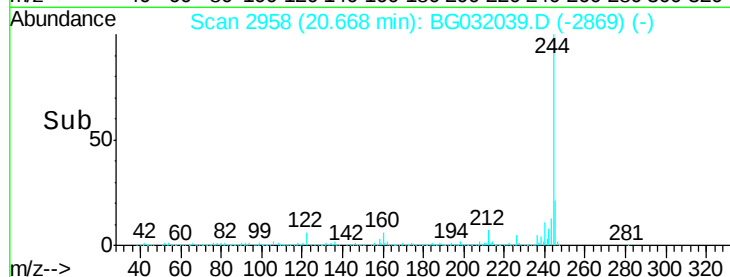
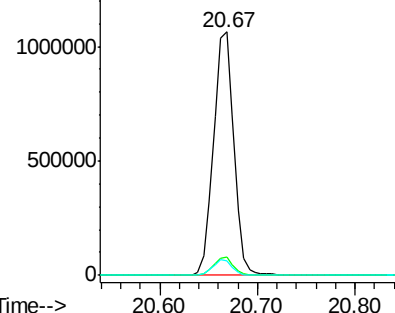
122 5.8 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.19 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BG032039.D

Acq: 15 Jan 2018 19:29

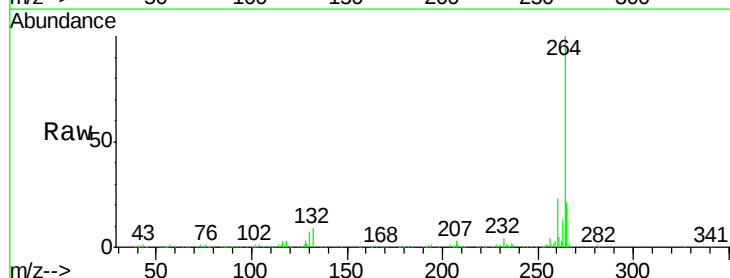
Tgt Ion:264 Resp: 470159

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.9 17.7 26.5



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

