

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035886.D
 Acq On : 25 Jul 2018 23:02
 Operator : JU/SJ
 Sample : J4140-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

Quant Time: Jul 26 02:36:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

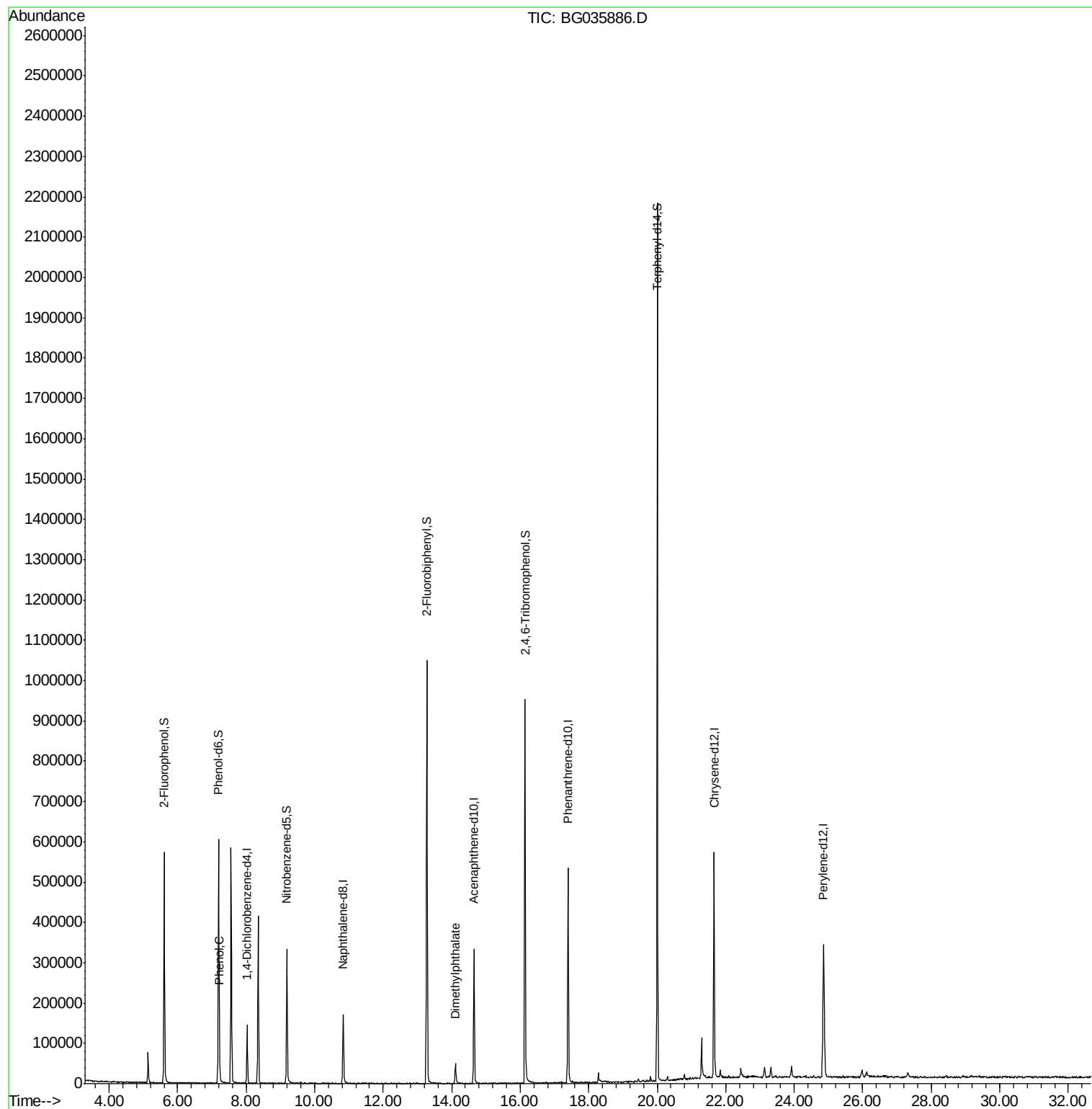
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39606	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157347	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	125100	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	353322	20.00	ng	0.00
75) Chrysene-d12	21.65	240	376784	20.00	ng	0.00
86) Perylene-d12	24.86	264	352609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252196	105.72	ng	0.00
7) Phenol-d6	7.19	99	373858	105.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	236245	62.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188880	114.55	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	587083	62.87	ng	0.00
78) Terphenyl-d14	20.00	244	1041649	60.94	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14884	4.139	ng	Qvalue # 72
49) Dimethylphthalate	14.11	163	46835	4.273	ng	99

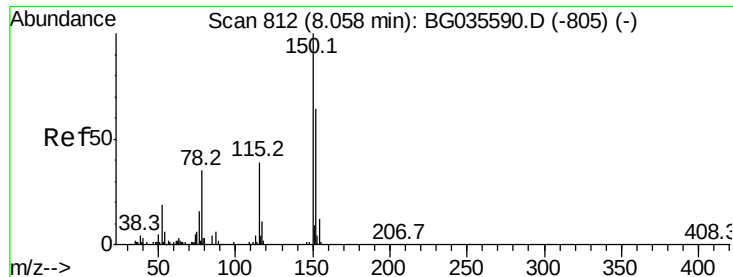
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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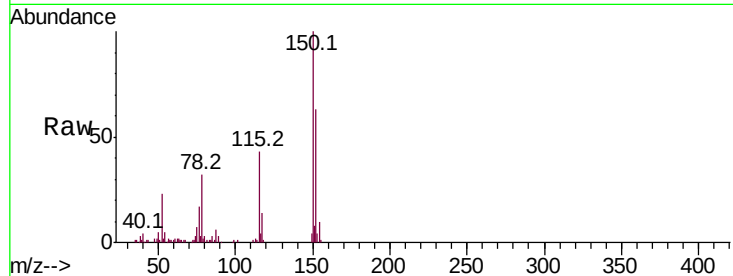


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	68.3	53.0	79.4

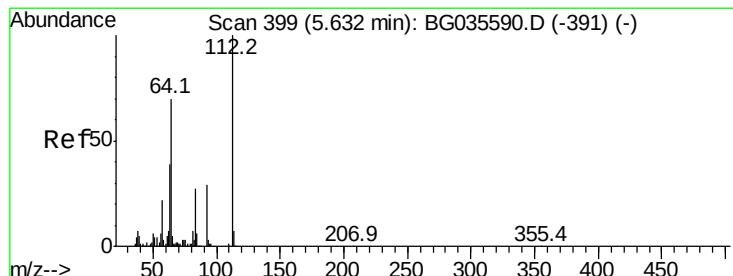
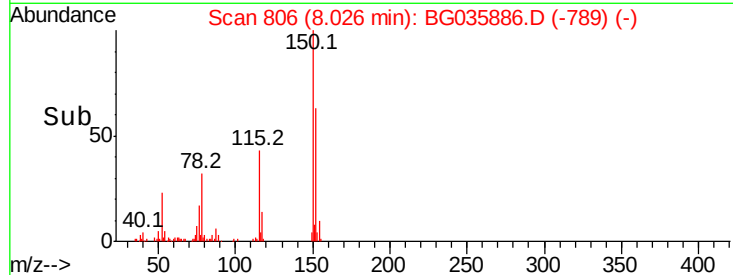
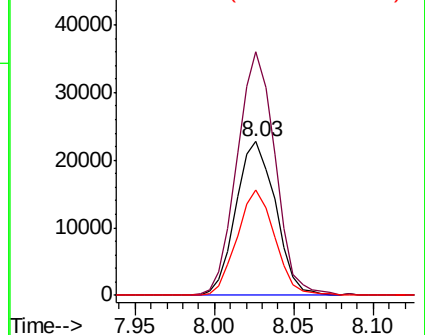


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

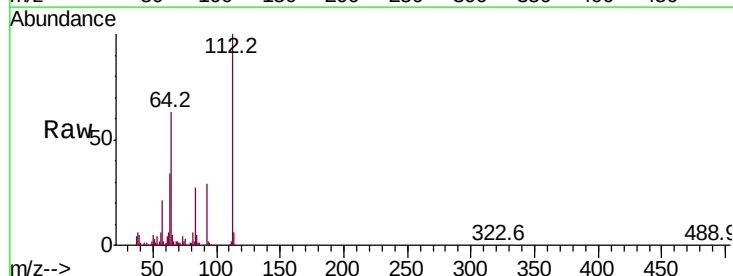
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.717 ng
 RT: 5.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.4	30.1	45.1

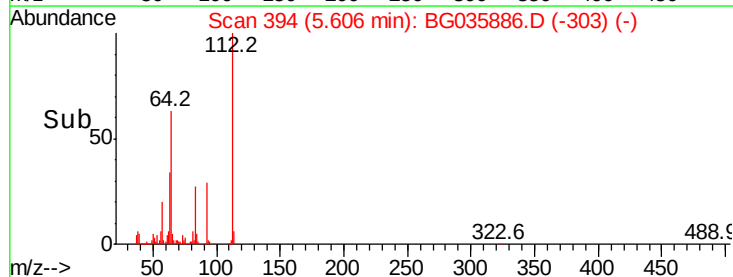
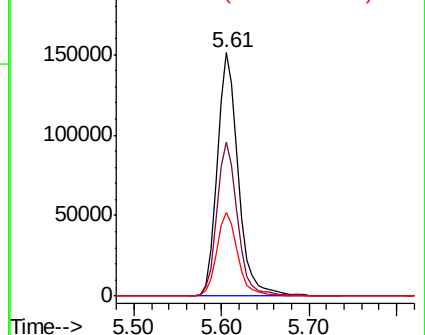


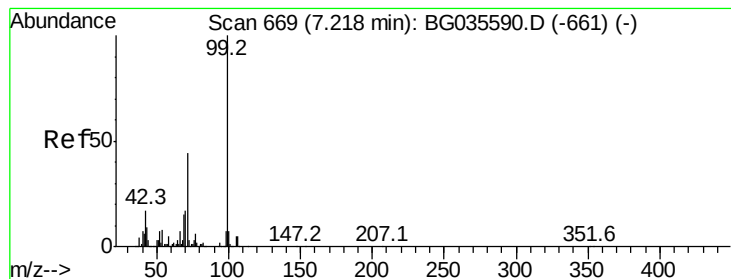
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.039 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

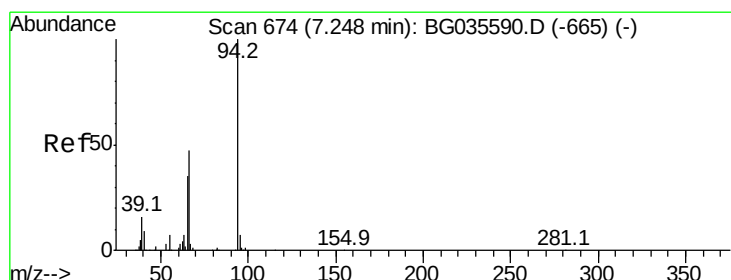
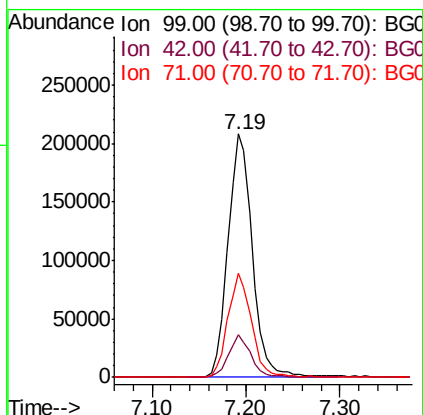
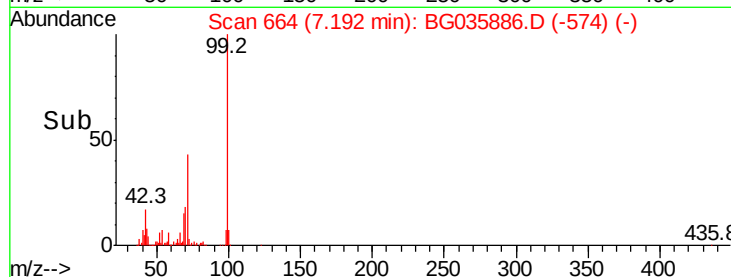
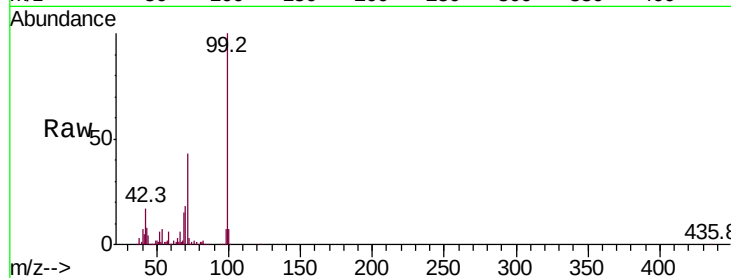
Tot Ion: 99 Resp: 373858

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 42.5 26.1 39.1#



#10

Phenol

Concen: 4.139 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

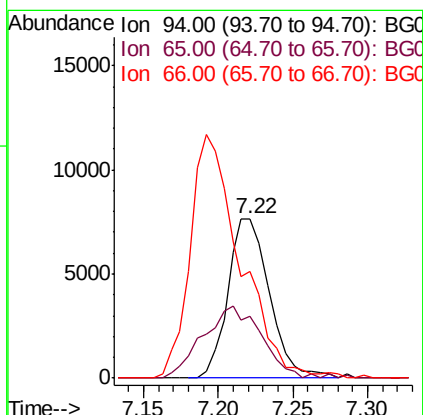
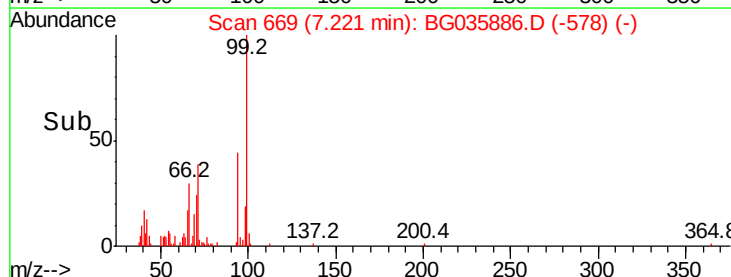
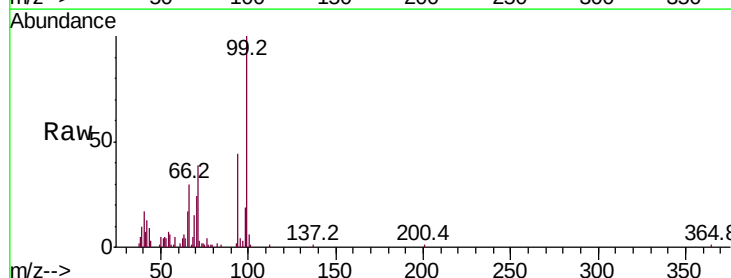
Tgt Ion: 94 Resp: 14884

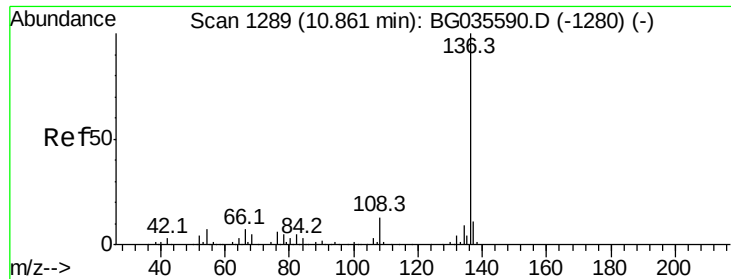
Ion Ratio Lower Upper

94 100

65 38.7 11.9 51.9

66 67.0 22.2 62.2#

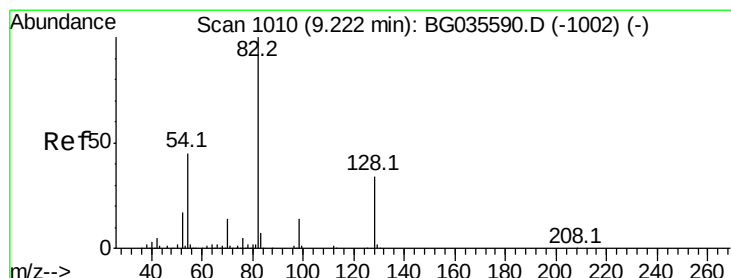
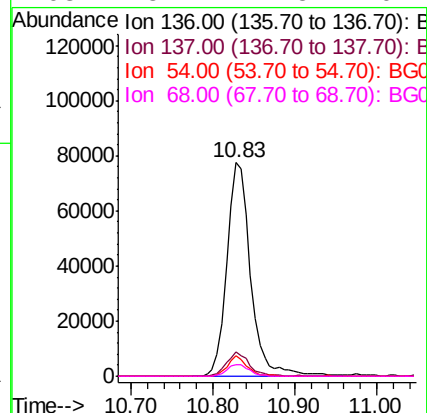
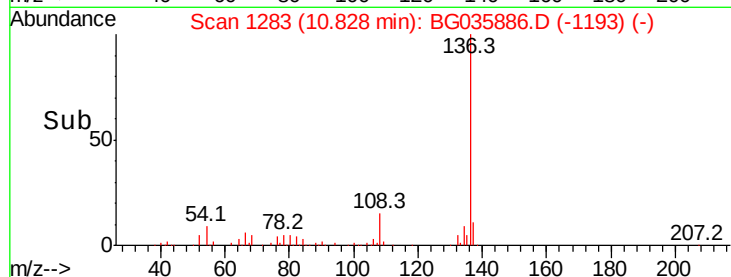
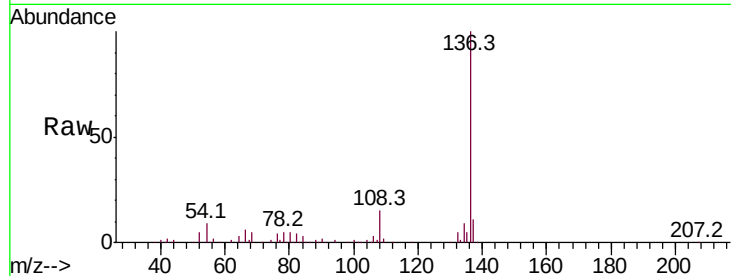




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

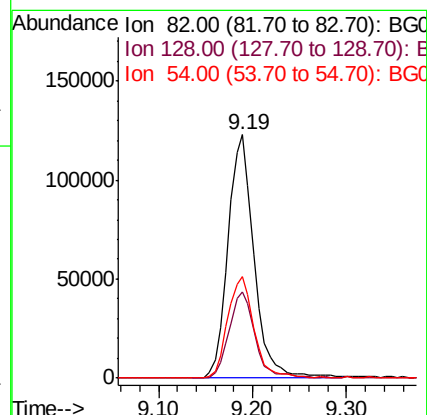
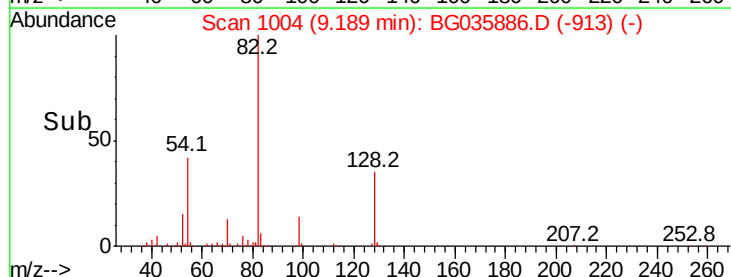
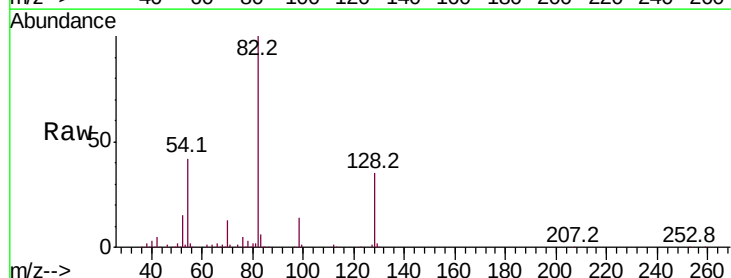
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

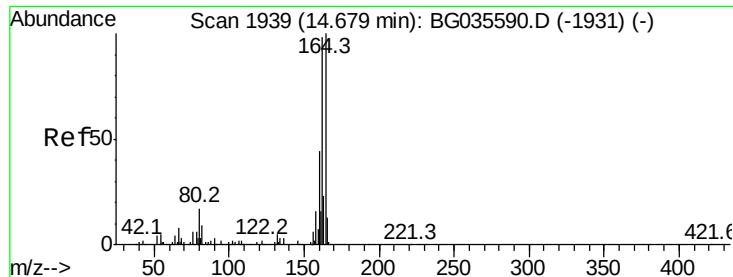
Tot Ion:136	Resp:	157347	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 9.4	10.3	15.5#	
68 5.2	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 62.722 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Tgt Ion: 82	Resp: 236245
Ion Ratio	Lower Upper
82 100	
128 35.3	29.7 44.5
54 41.7	43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

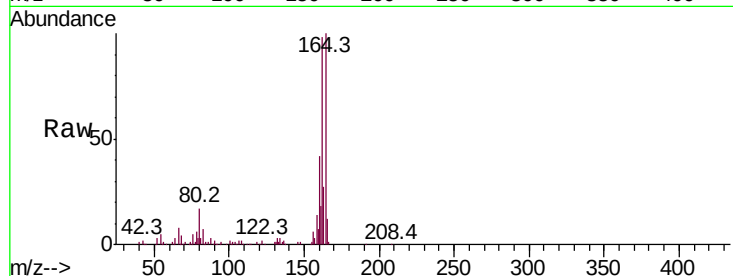
Tot Ion:164 Resp: 125100

Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

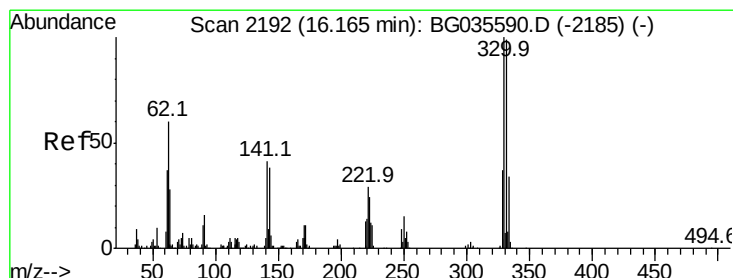
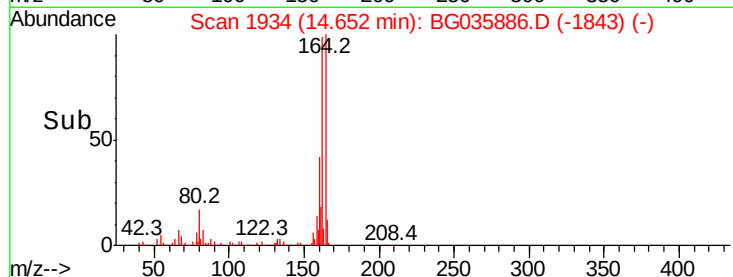
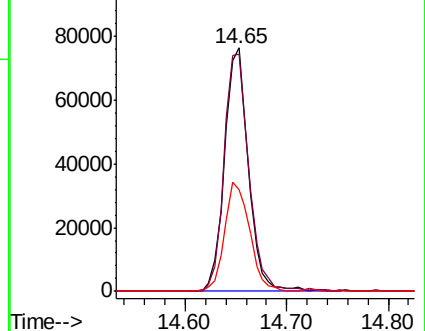
160 41.5 35.4 53.0



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: 114.549 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

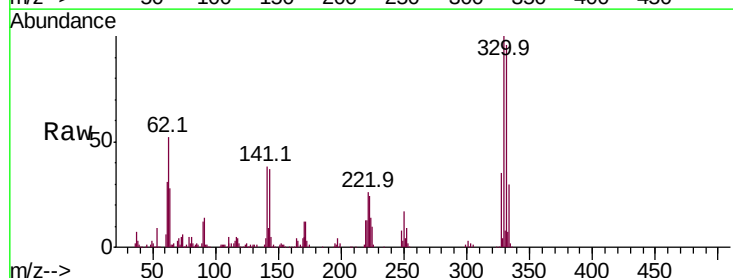
Tgt Ion:330 Resp: 188880

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

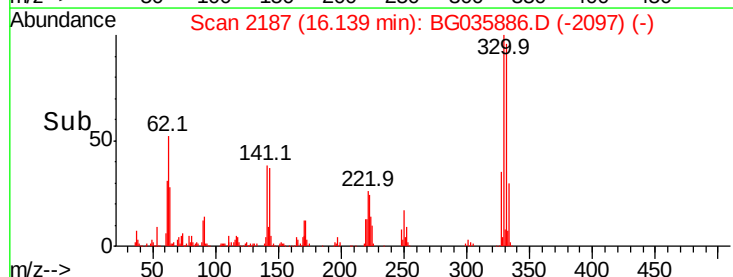
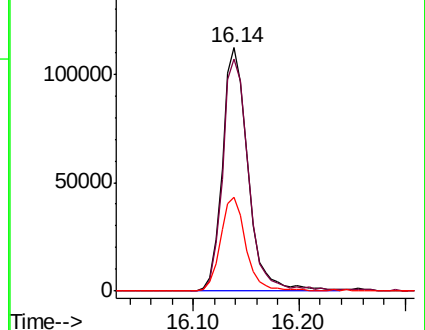
141 38.5 25.2 37.8#

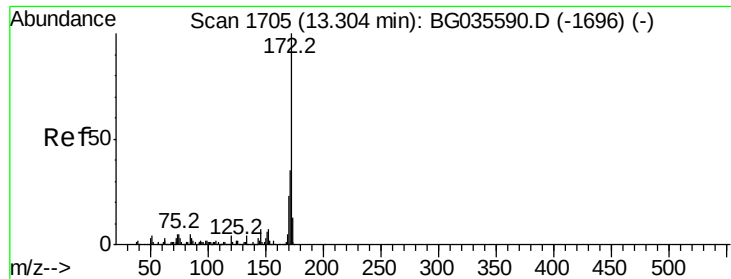


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

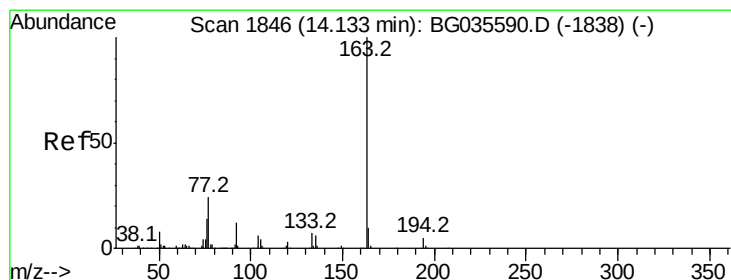
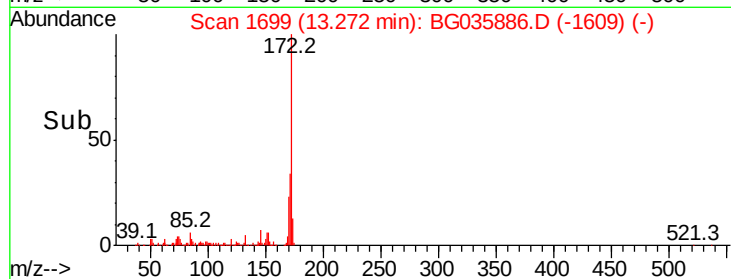
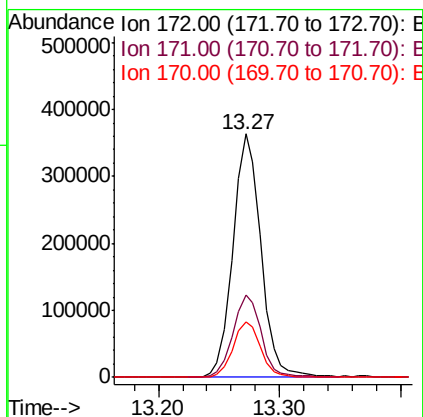
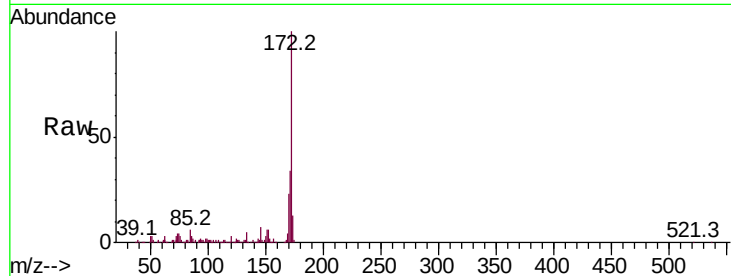




#44
2-Fluorobiphenyl
Concen: 62.873 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

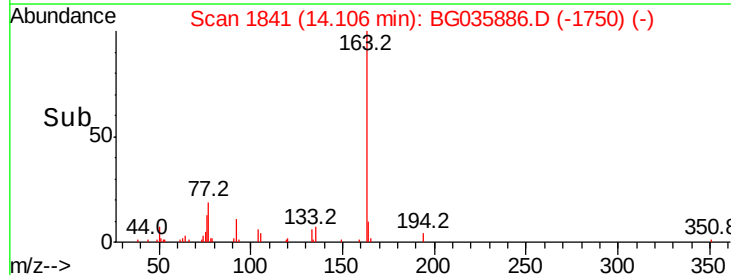
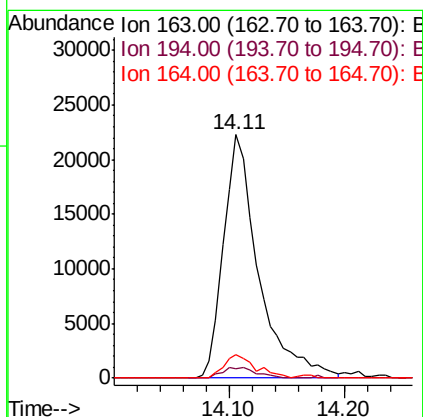
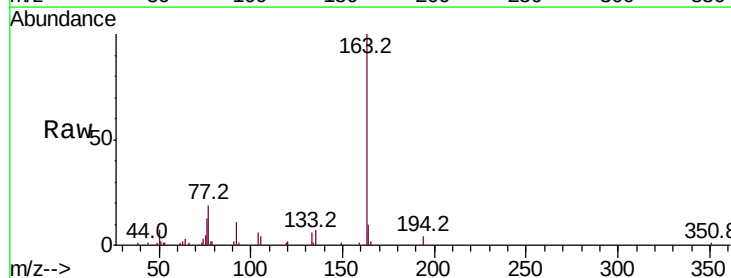
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

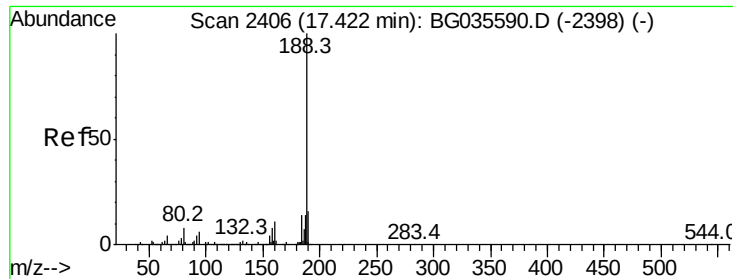
Tot Ion:172 Resp: 587083
Ion Ratio Lower Upper
172 100
171 34.0 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 4.273 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Tgt Ion:163 Resp: 46835
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

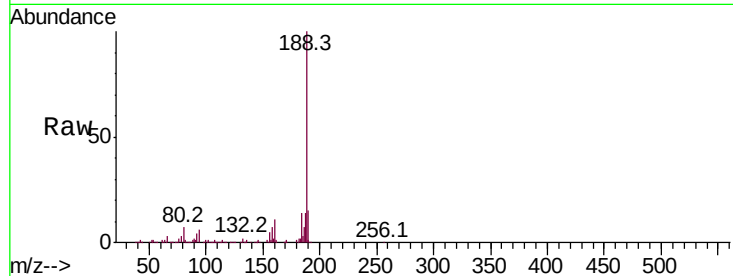
Tot Ion:188 Resp: 353322

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

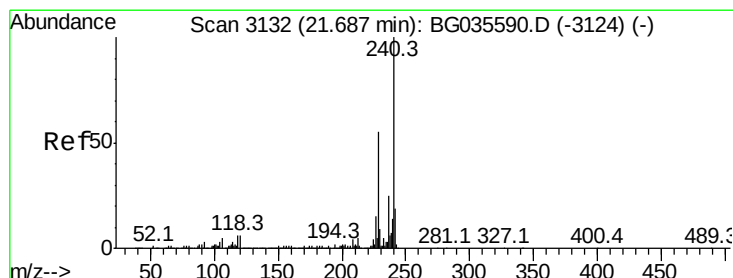
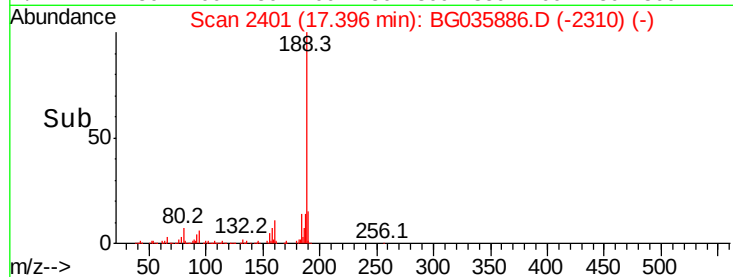
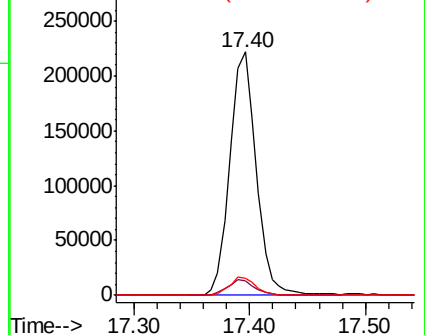
80 7.2 7.7 11.5#



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: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

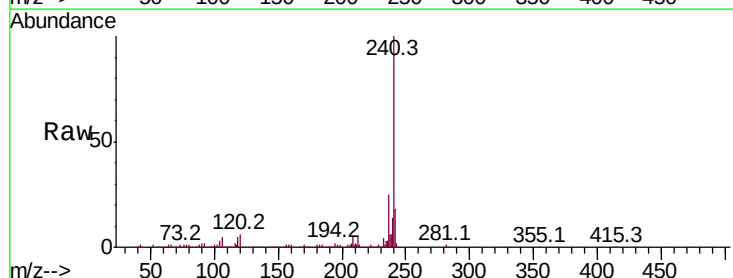
Tgt Ion:240 Resp: 376784

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

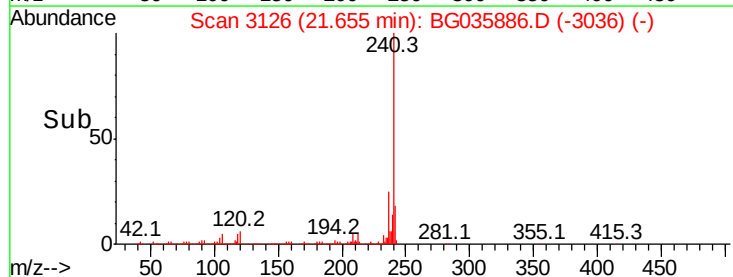
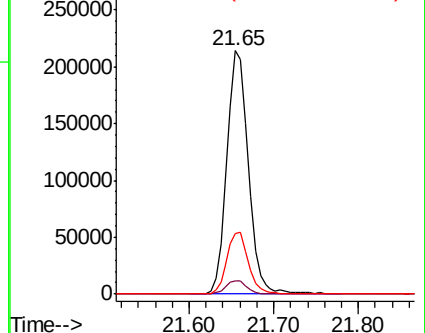
236 24.9 20.9 31.3

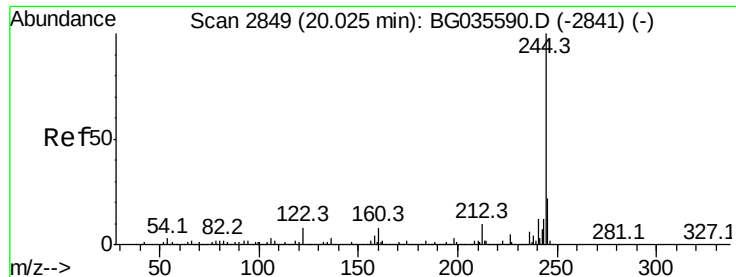


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.940 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampled :

EPE-F-8(125-127)

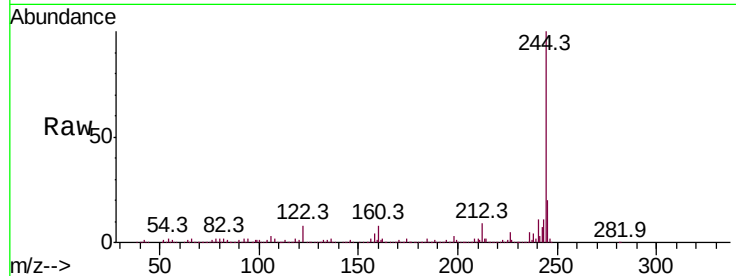
Tot Ion:244 Resp: 1041649

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

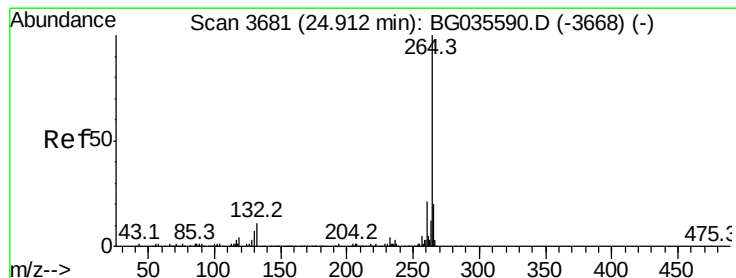
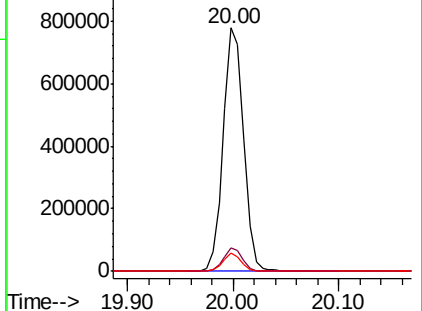
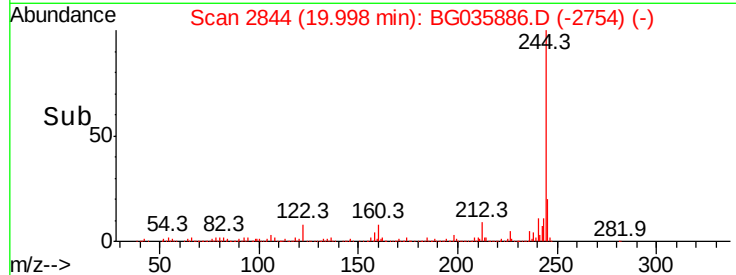
122 7.6 7.0 10.4



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: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

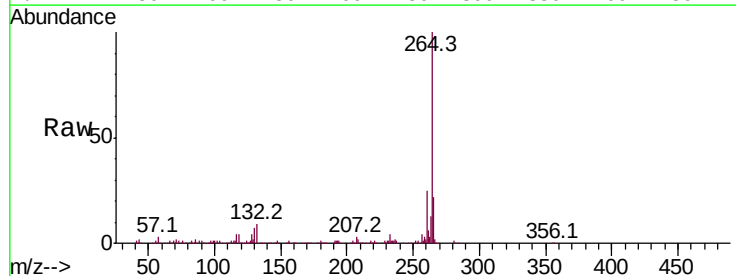
Tgt Ion:264 Resp: 352609

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.8 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

