

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035888.D
 Acq On : 26 Jul 2018 00:20
 Operator : JU/SJ
 Sample : J4140-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

Quant Time: Jul 26 03:14:58 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

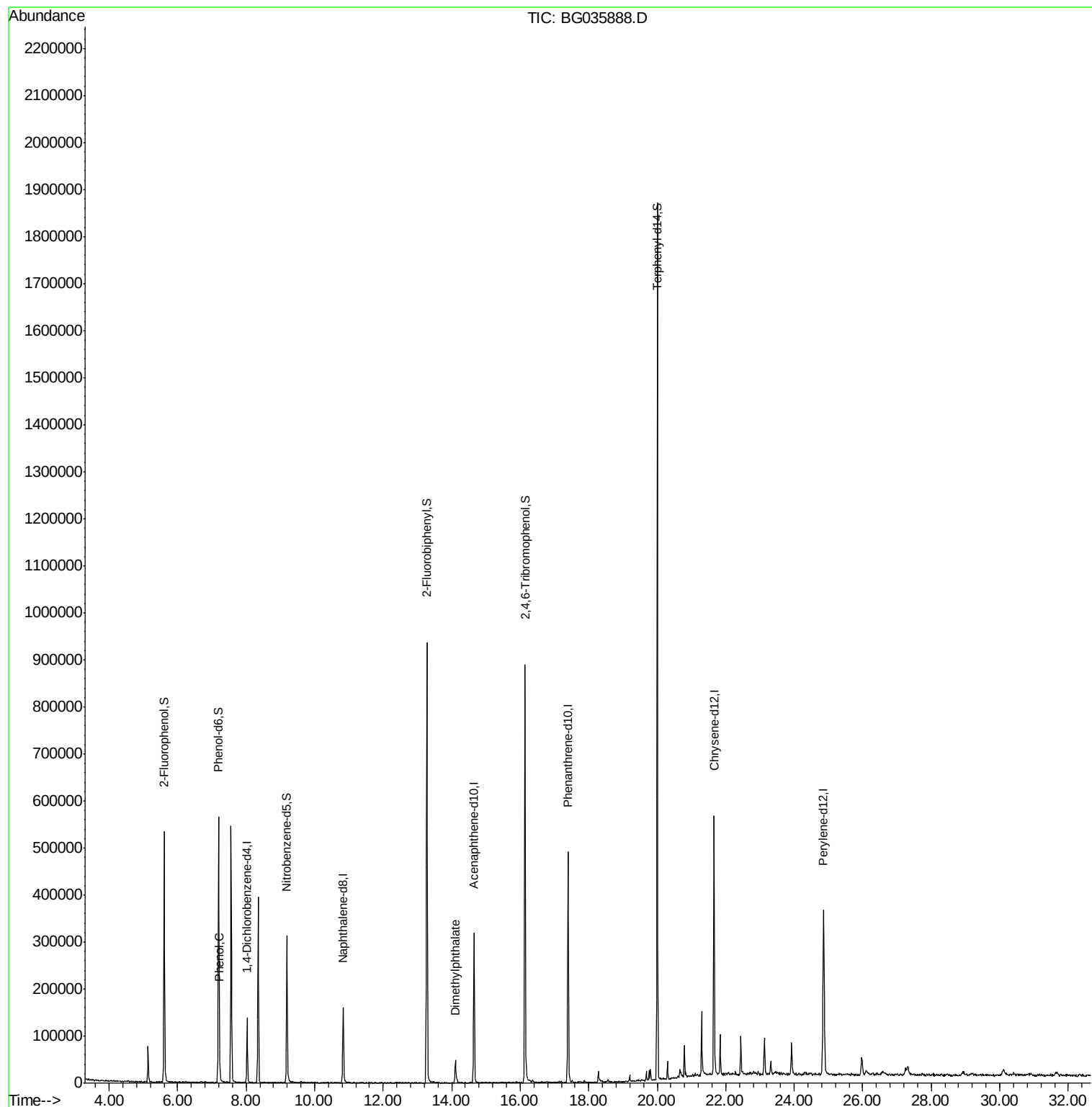
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37968	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152467	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	121886	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	343703	20.00	ng	0.00
75) Chrysene-d12	21.65	240	356802	20.00	ng	0.00
86) Perylene-d12	24.86	264	342926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	236076	103.23	ng	0.00
7) Phenol-d6	7.19	99	355886	104.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	226106	61.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172935	107.64	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	542084	59.58	ng	0.00
78) Terphenyl-d14	20.00	244	912015	56.34	ng	0.00
Target Compounds						
10) Phenol	7.22	94	15319	4.444	ng	92
49) Dimethylphthalate	14.11	163	45775	4.286	ng	# 95

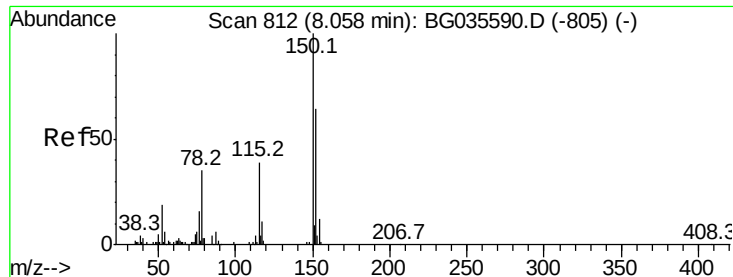
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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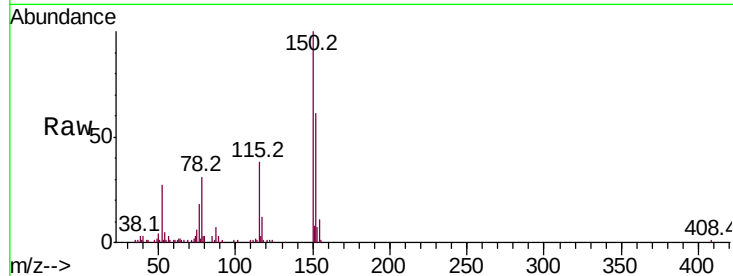


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(135-137)

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	63.1	53.0	79.4

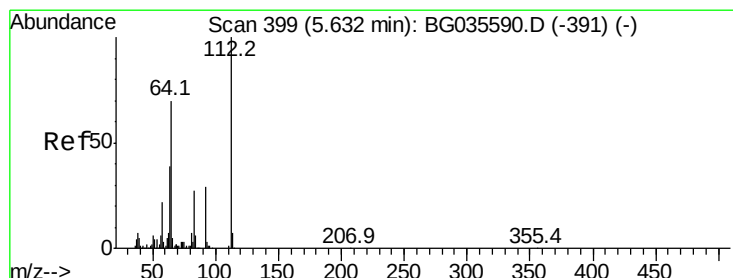
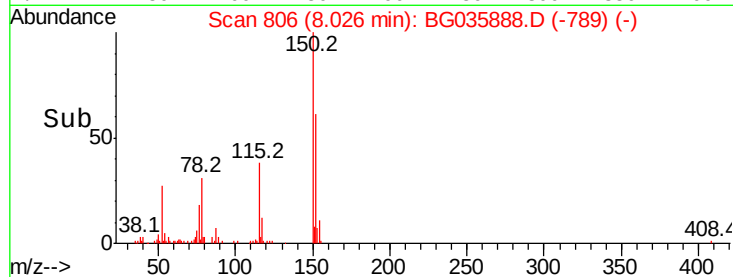
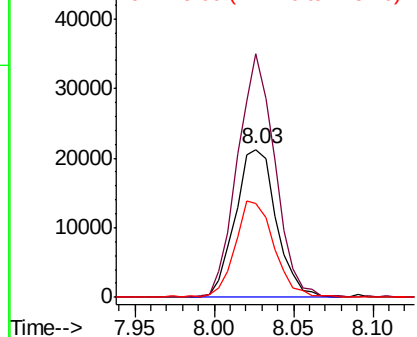


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

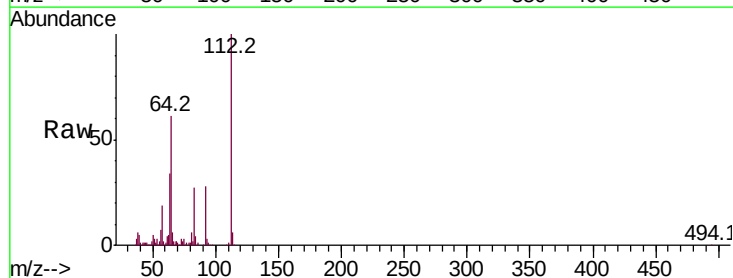
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.229 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	56.3	84.5
63	34.5	30.1	45.1

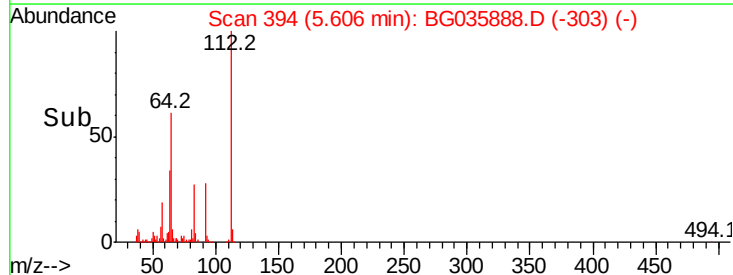
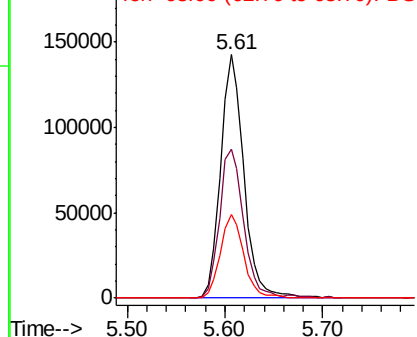


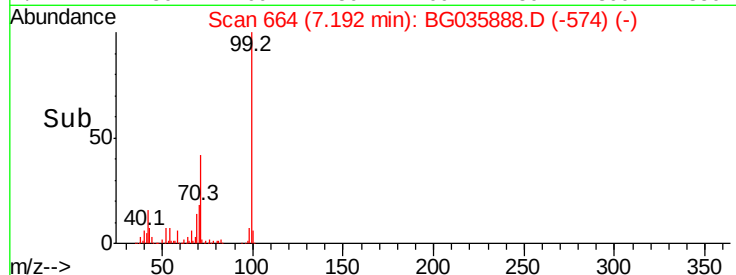
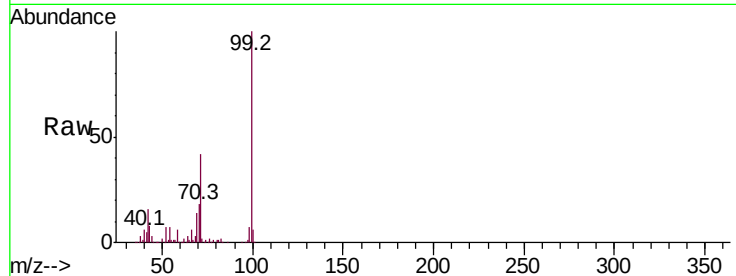
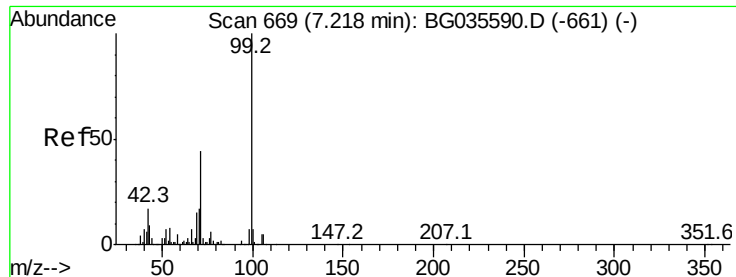
Abundance

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: 104.303 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

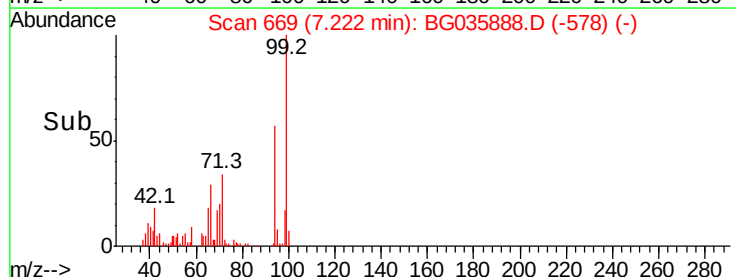
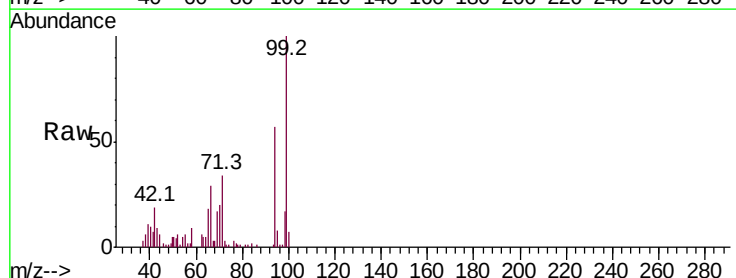
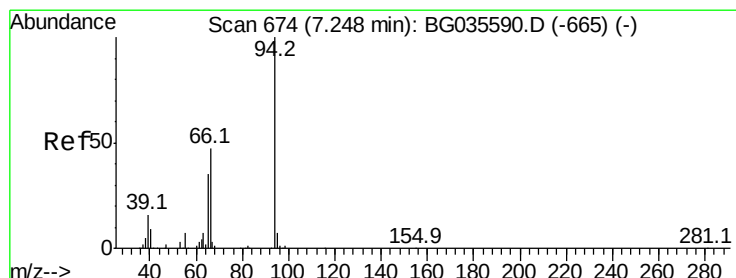
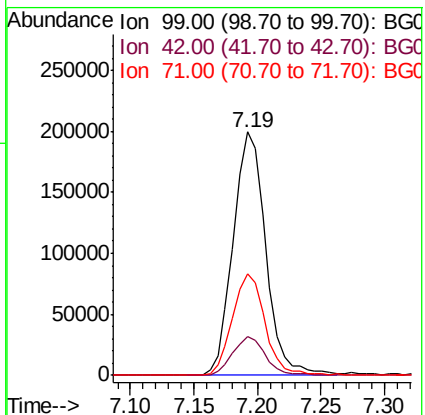
Tot Ion: 99 Resp: 355886

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.7 26.1 39.1#



#10

Phenol

Concen: 4.444 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

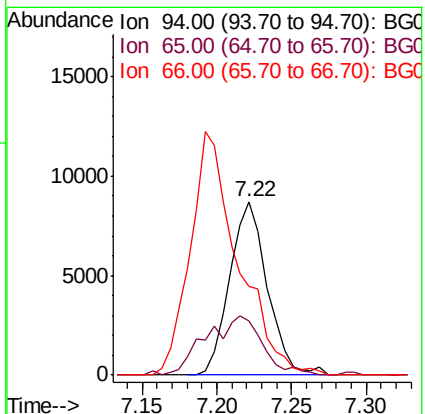
Tgt Ion: 94 Resp: 15319

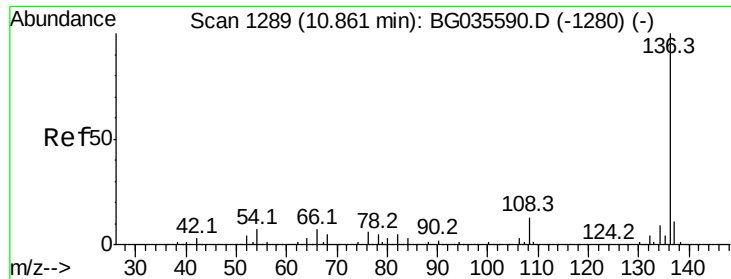
Ion Ratio Lower Upper

94 100

65 31.4 11.9 51.9

66 51.1 22.2 62.2

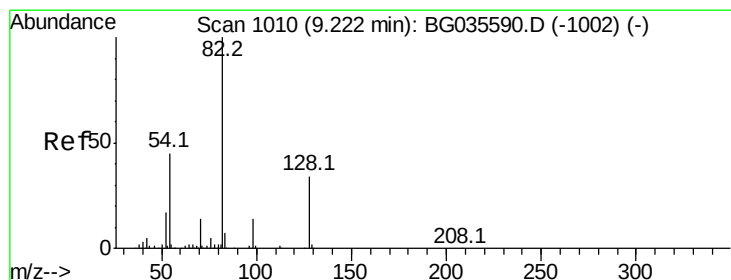
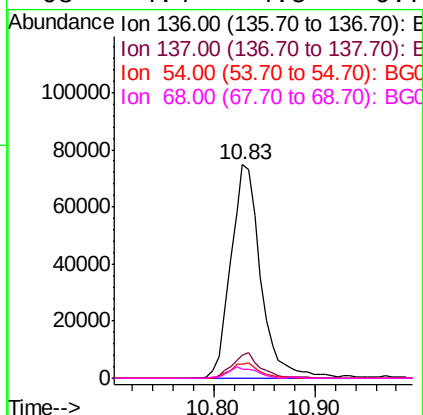
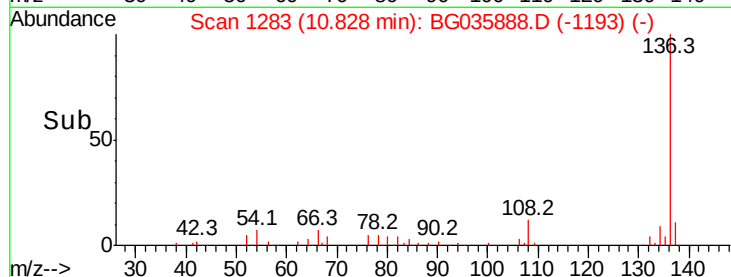
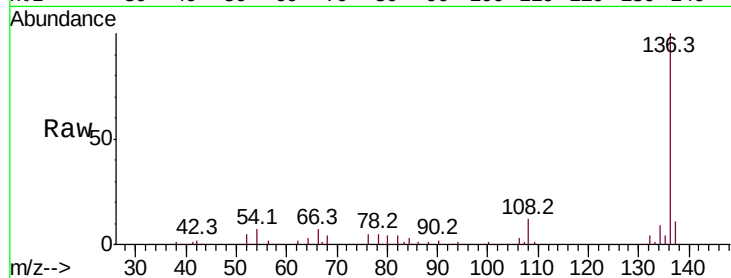




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

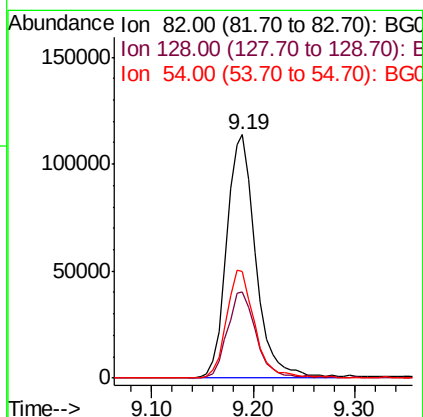
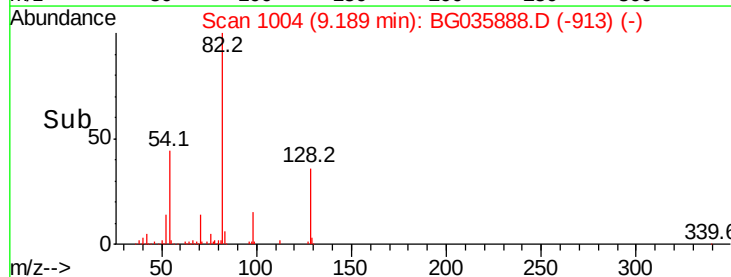
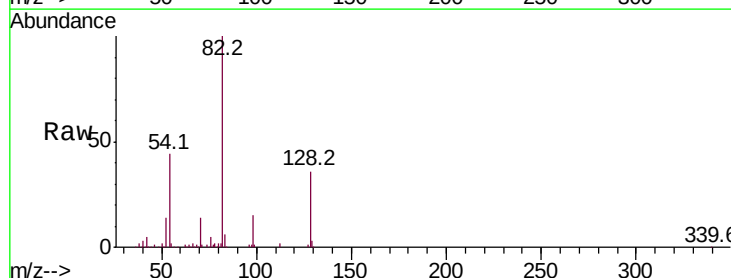
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(135-137)

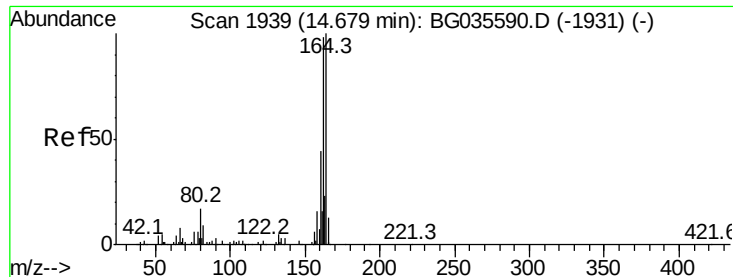
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.6	10.3	15.5#
68	4.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 61.951 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	43.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

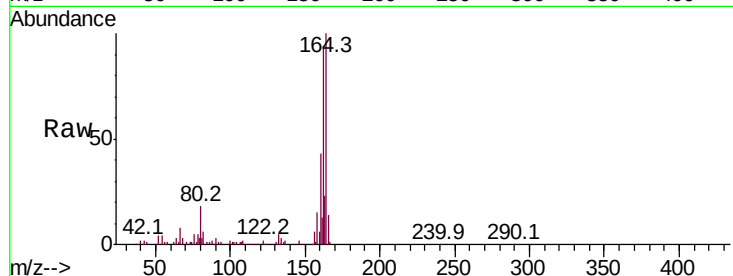
Tot Ion:164 Resp: 121886

Ion Ratio Lower Upper

164 100

162 94.1 78.8 118.2

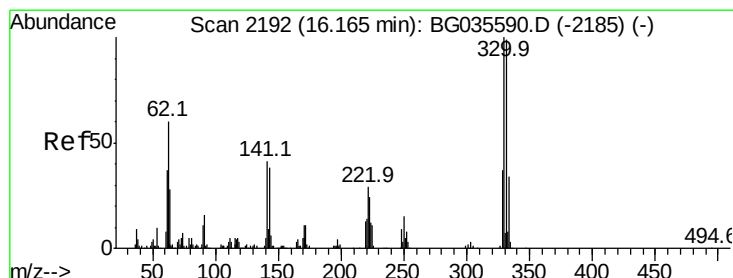
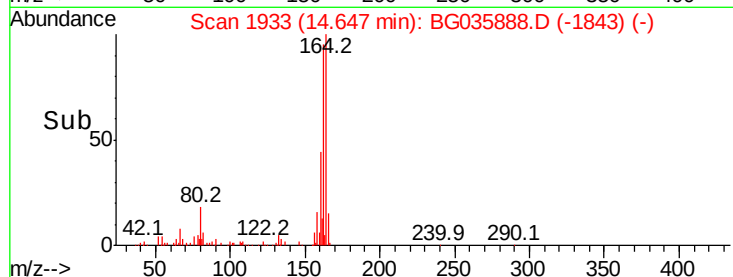
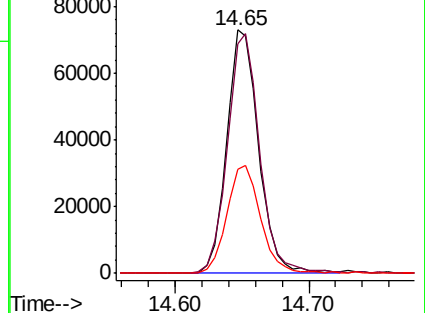
160 42.9 35.4 53.0



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: 107.645 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

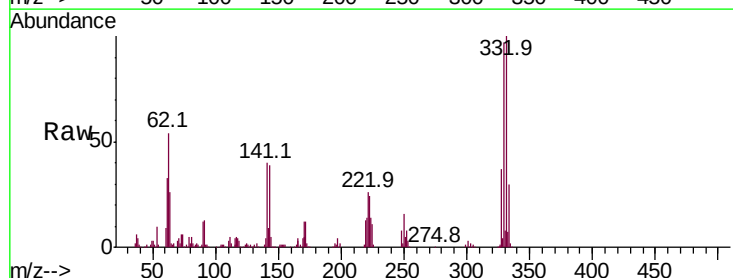
Tgt Ion:330 Resp: 172935

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

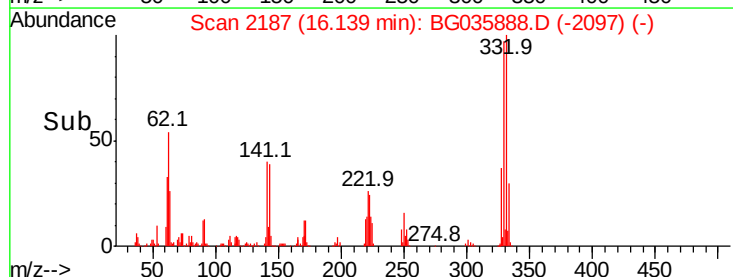
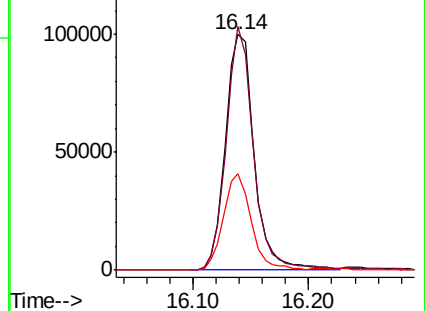
141 39.4 25.2 37.8#

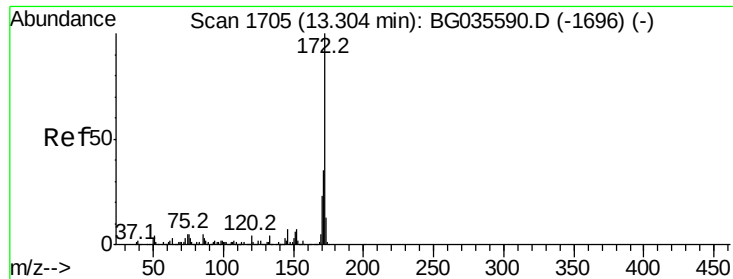


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

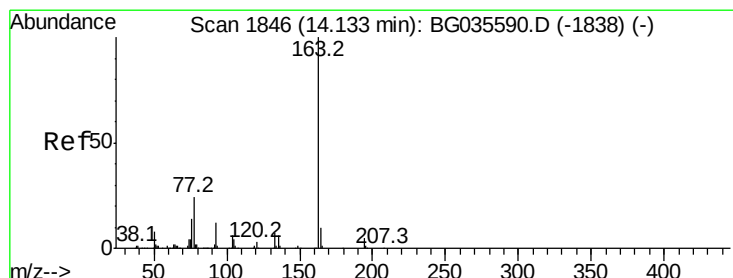
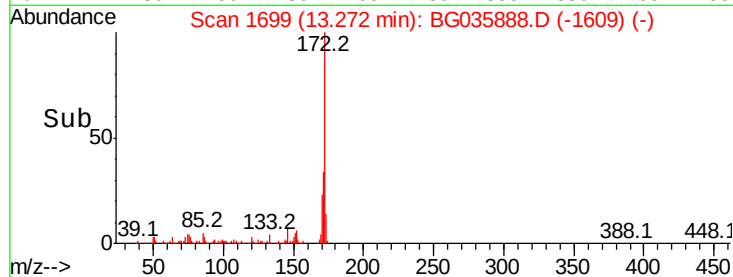
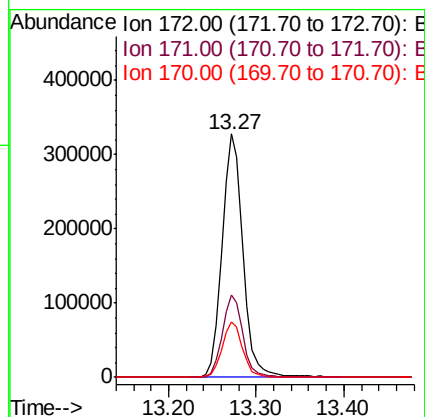
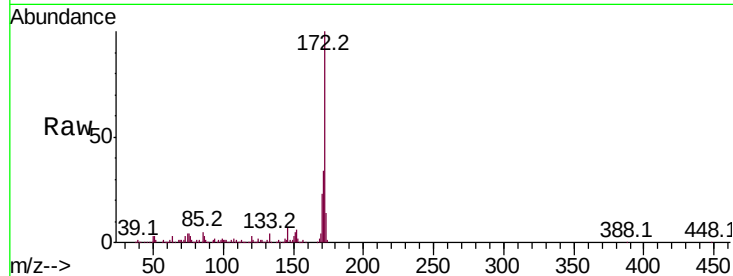




#44
2-Fluorobiphenyl
Concen: 59.585 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

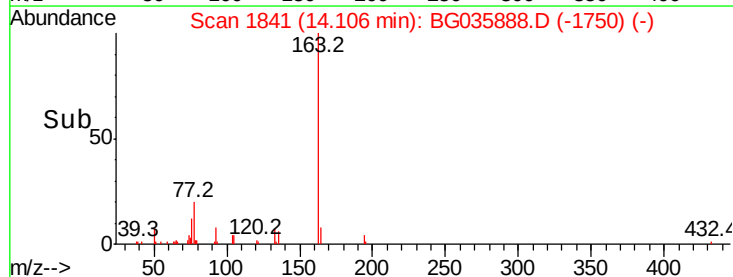
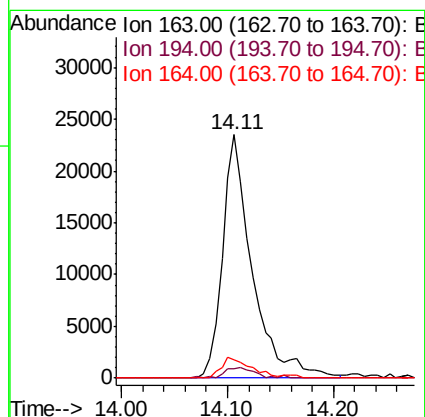
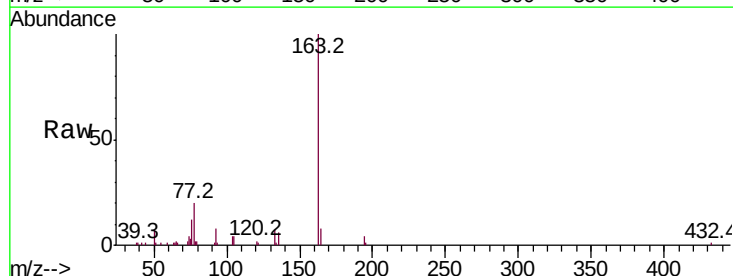
Instrument :
BNA_G
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EPE-F-8(135-137)

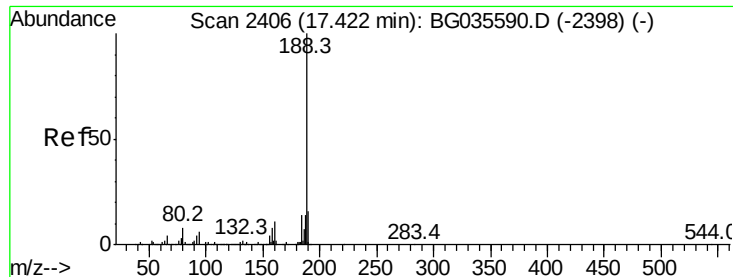
Tot Ion:172 Resp: 542084
Ion Ratio Lower Upper
172 100
171 33.6 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 4.286 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Tgt Ion:163 Resp: 45775
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 7.6 8.2 12.4#

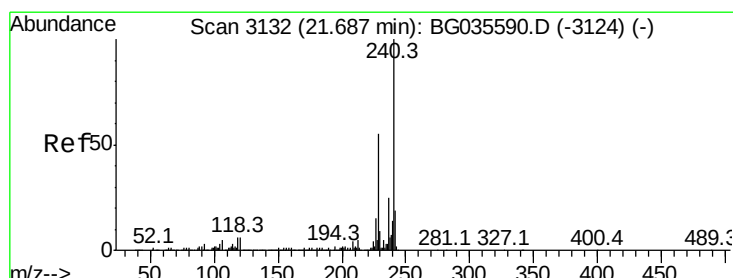
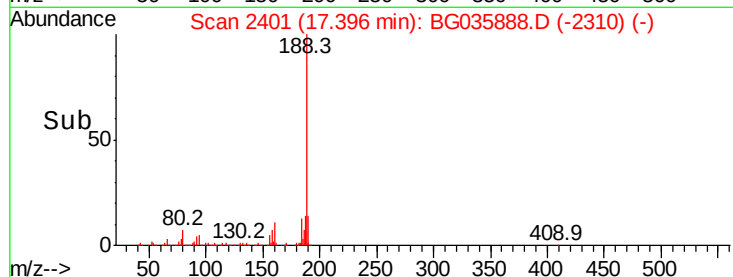
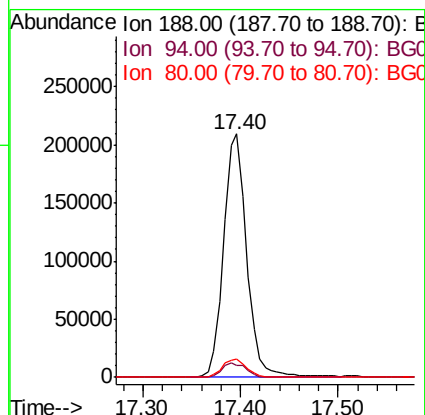
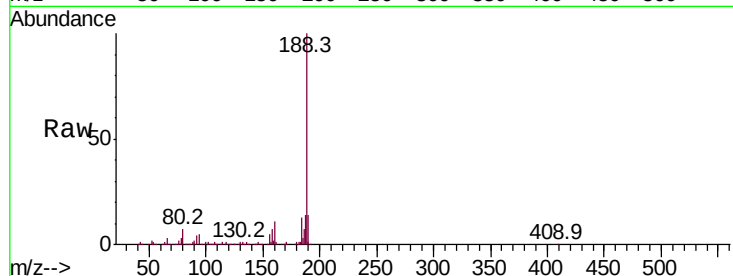




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

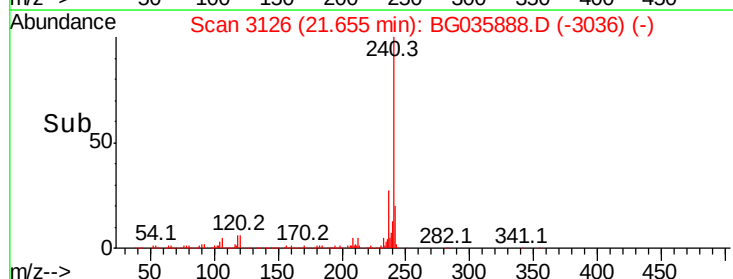
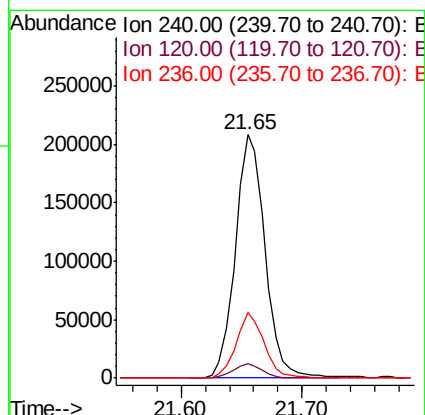
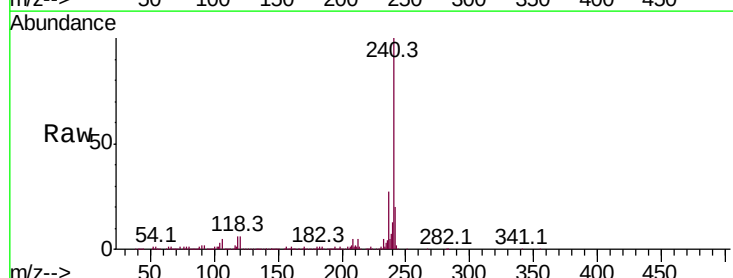
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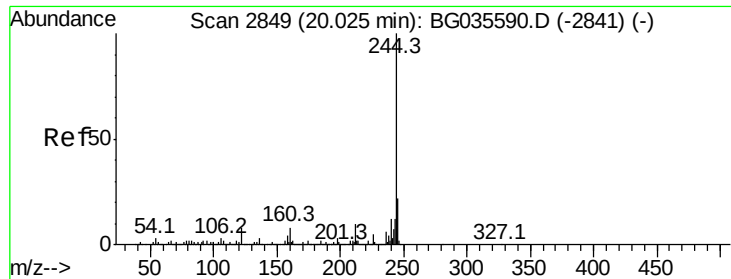
Tot Ion:188 Resp: 343703
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Tgt Ion:240 Resp: 356802
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 56.344 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

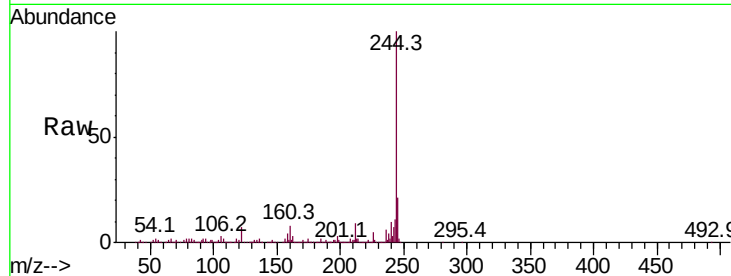
Tot Ion:244 Resp: 912015

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

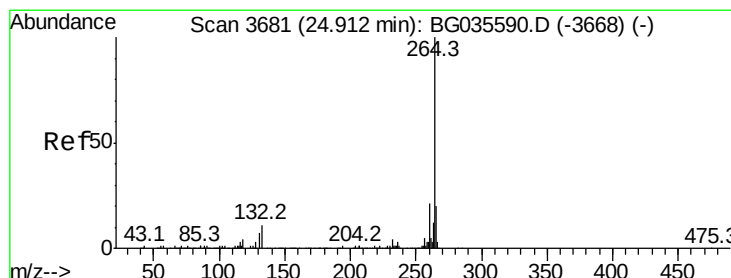
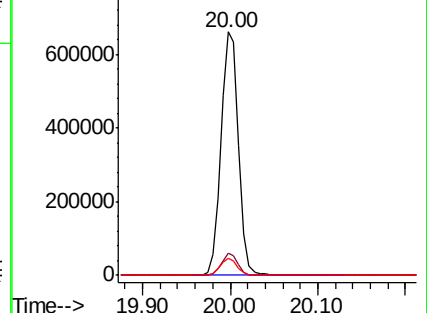
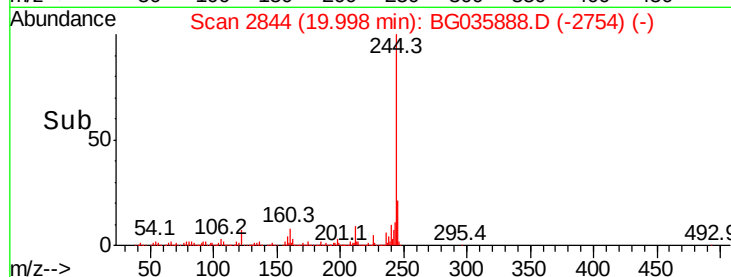
122 7.2 7.0 10.4



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: BG035888.D

Acq: 26 Jul 2018 00:20

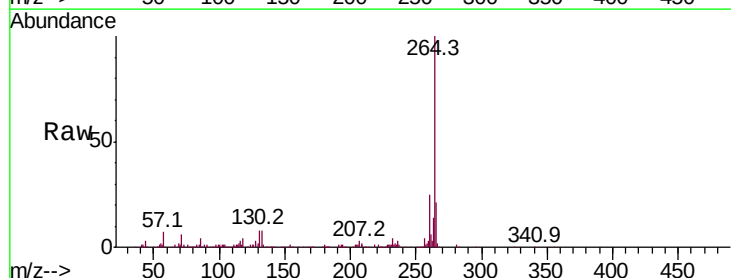
Tgt Ion:264 Resp: 342926

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.0 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

