

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031721.D
 Acq On : 22 Dec 2017 21:18
 Operator : SJ/JU
 Sample : I7002-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(85-87)

Quant Time: Dec 23 01:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

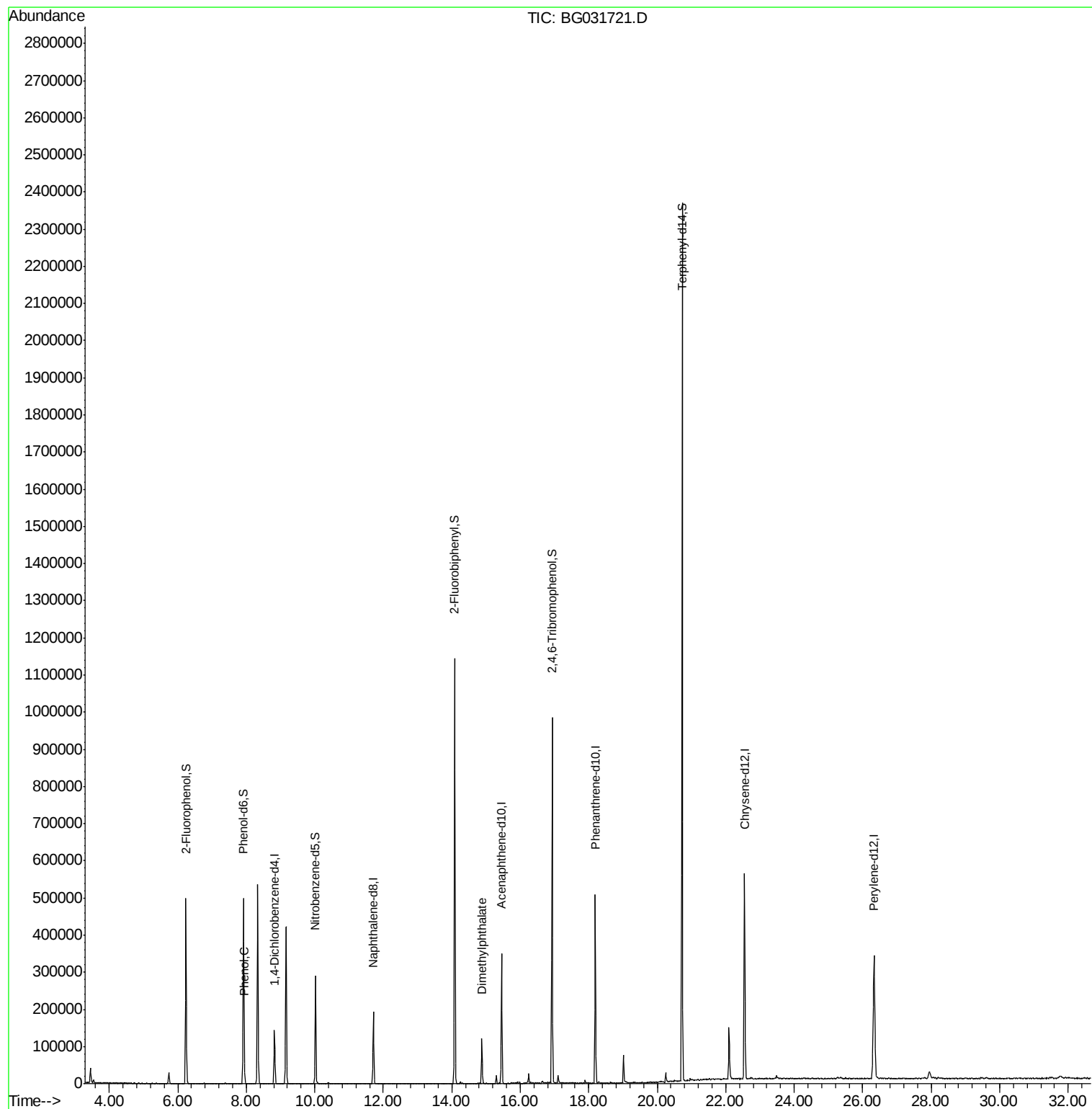
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	48239	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	194656	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	135768	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	360299	20.00	ng	-0.02
75) Chrysene-d12	22.55	240	423837	20.00	ng	-0.02
86) Perylene-d12	26.33	264	455349	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	278867	105.29	ng	-0.01
7) Phenol-d6	7.92	99	358328	104.21	ng	-0.01
23) Nitrobenzene-d5	10.02	82	186085	72.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	242779	117.19	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	710556	65.69	ng	-0.01
78) Terphenyl-d14	20.73	244	1304098	70.30	ng	-0.01
Target Compounds						
10) Phenol	7.95	94	13881	3.998	ng	Qvalue 88
49) Dimethylphthalate	14.88	163	94157	7.872	ng	# 98

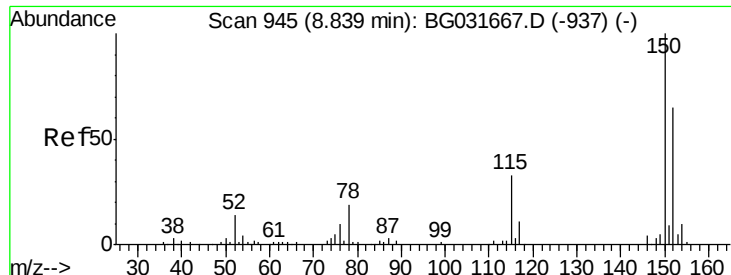
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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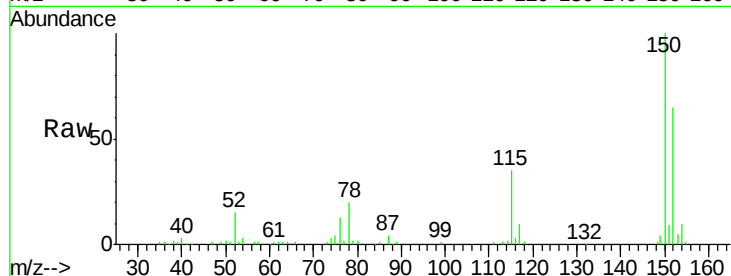


#1

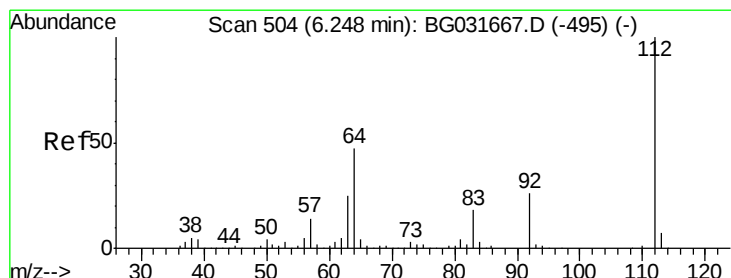
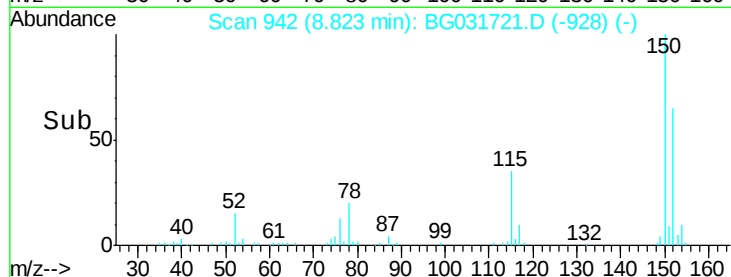
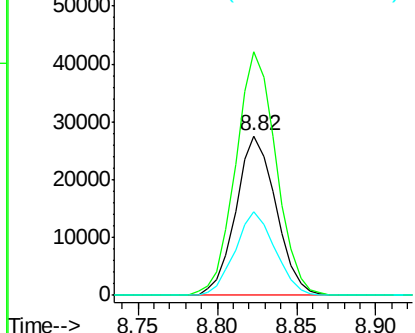
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(85-87)

Tgt Ion:152 Resp: 48239
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 52.8 53.0 79.4#



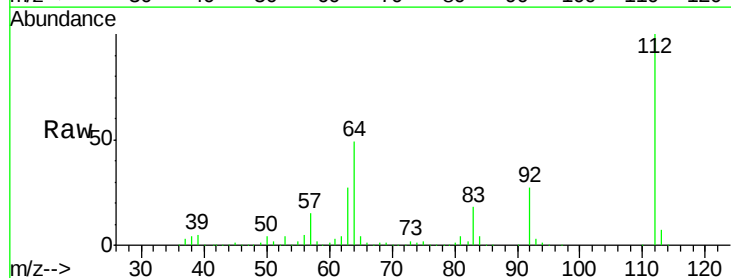
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



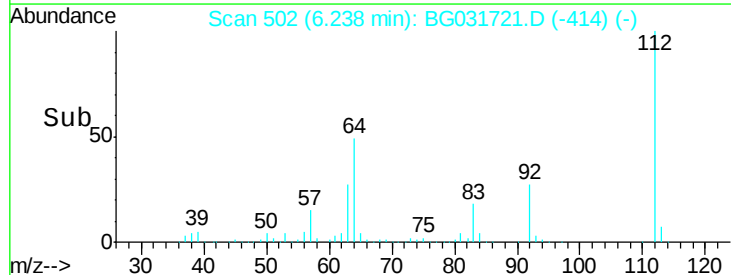
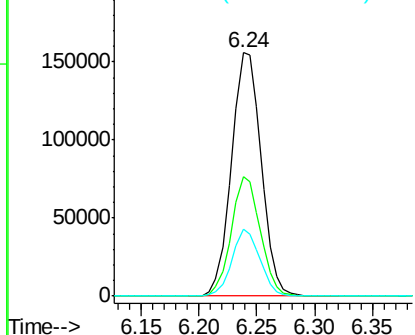
#5

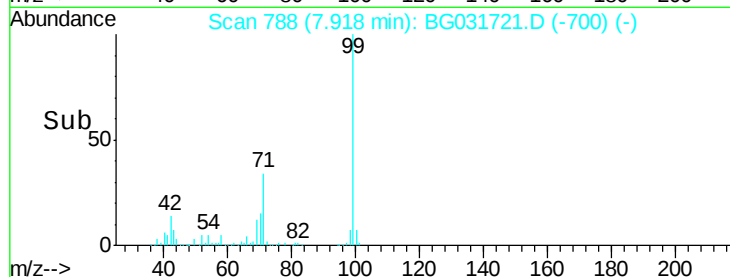
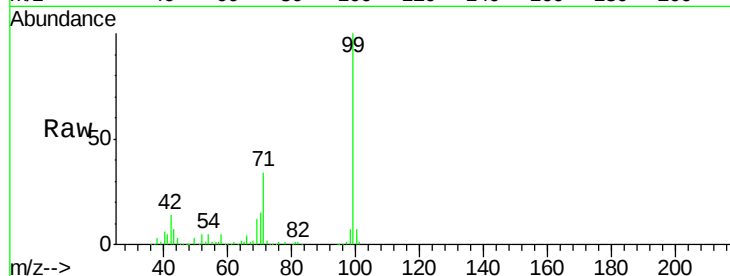
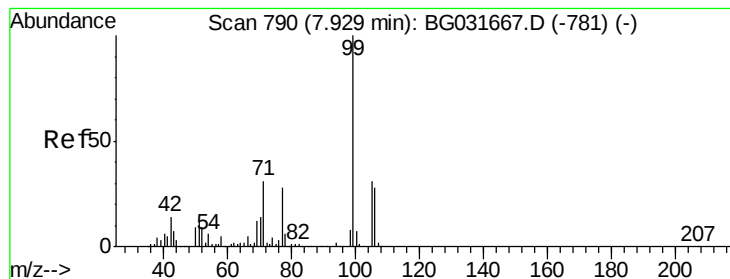
2-Fluorophenol
Concen: 105.293 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

Tgt Ion:112 Resp: 278867
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 27.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.208 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(85-87)

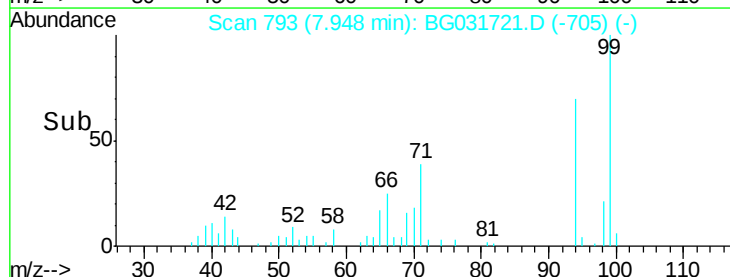
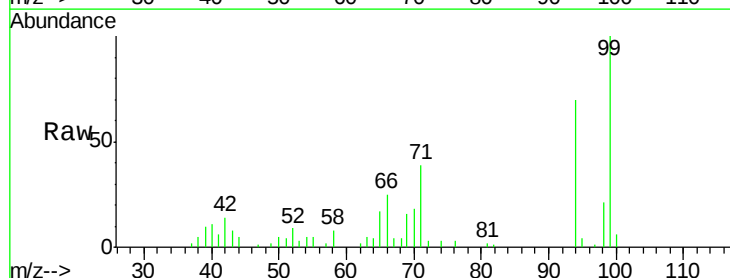
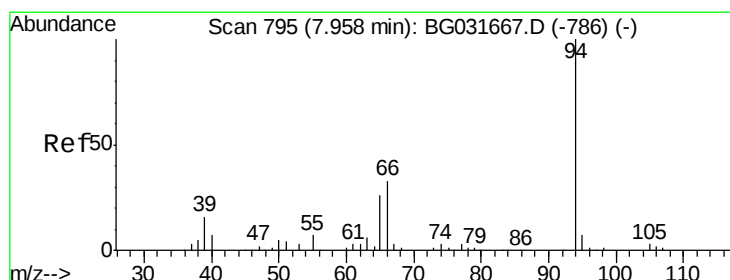
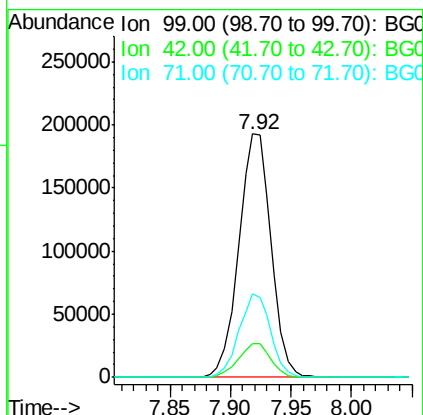
Tgt Ion: 99 Resp: 358328

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 34.1 26.1 39.1



#10

Phenol

Concen: 3.998 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

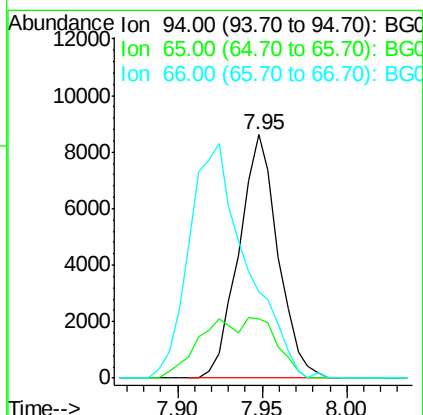
Tgt Ion: 94 Resp: 13881

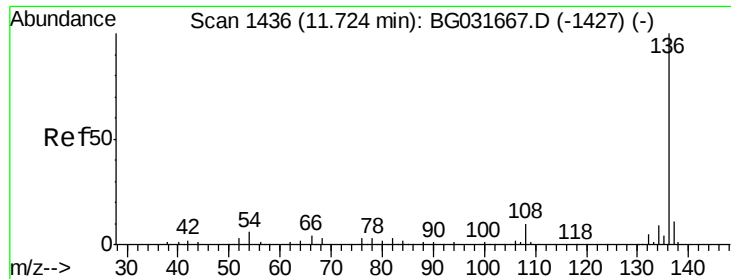
Ion Ratio Lower Upper

94 100

65 24.4 11.9 51.9

66 35.6 22.2 62.2

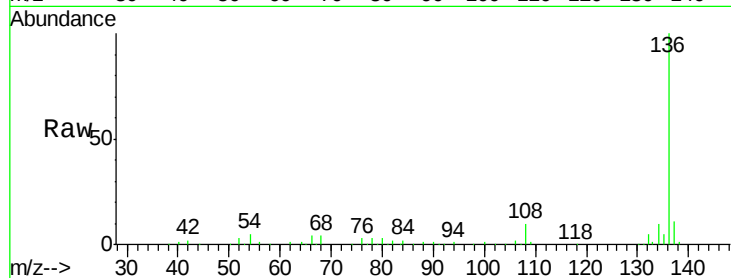




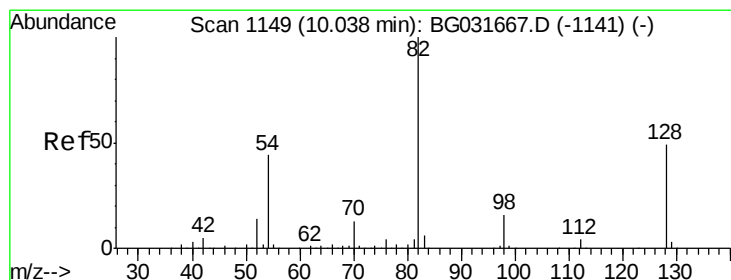
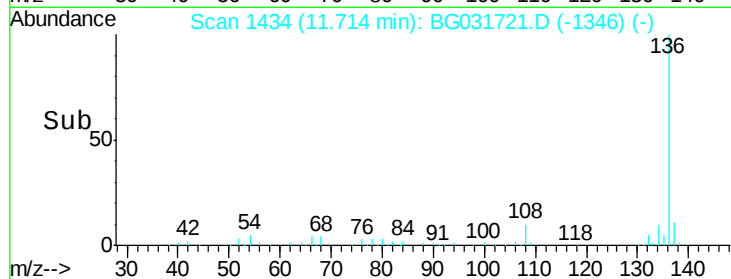
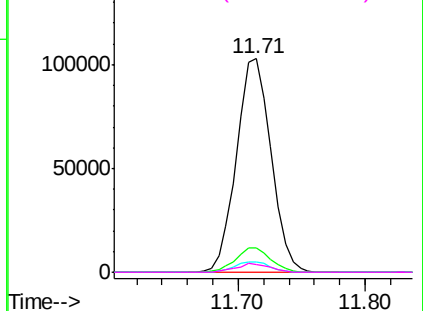
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(85-87)

Tgt Ion:	136	Resp:	194656
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.9	10.3	15.5#
68	3.7	4.5	6.7#

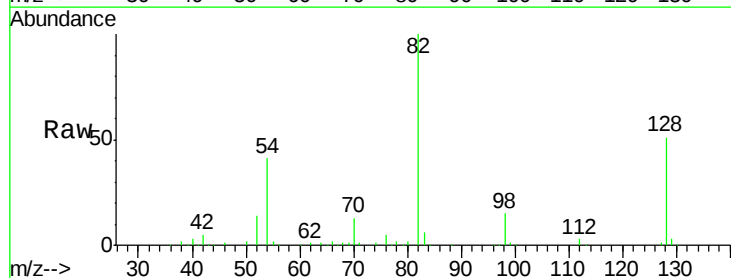


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

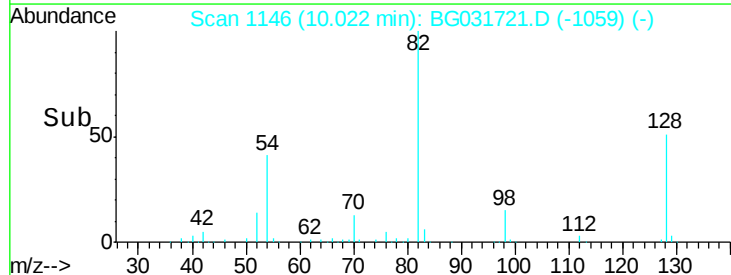
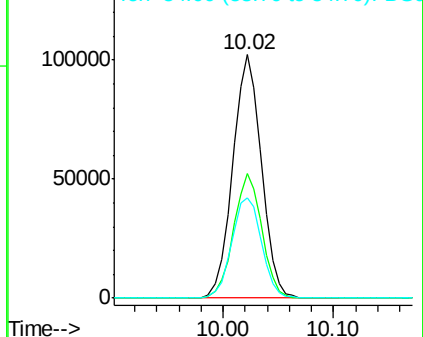


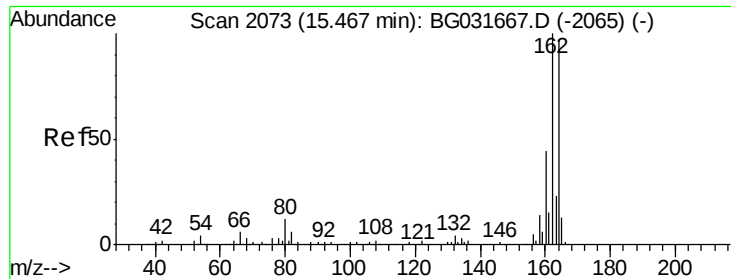
#23
Nitrobenzene-d5
Concen: 72.187 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

Tgt Ion:	82	Resp:	186085
Ion	Ratio	Lower	Upper
82	100		
128	51.1	29.7	44.5#
54	41.2	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(85-87)

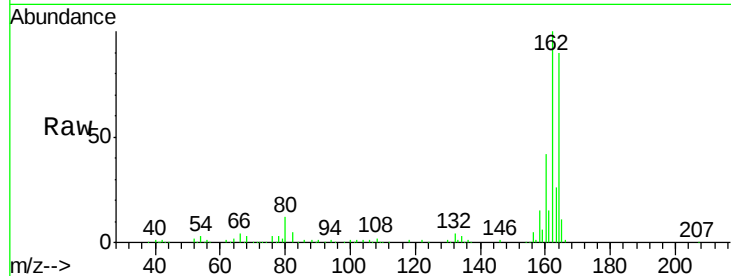
Tgt Ion:164 Resp: 135768

Ion Ratio Lower Upper

164 100

162 110.7 78.8 118.2

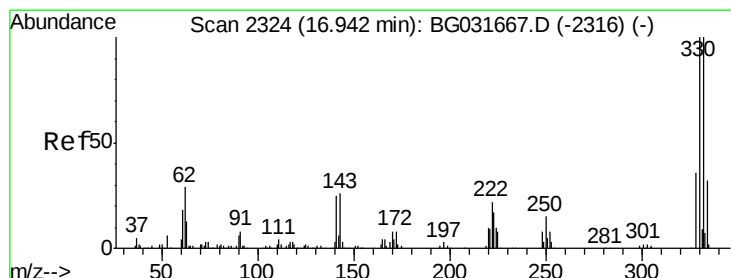
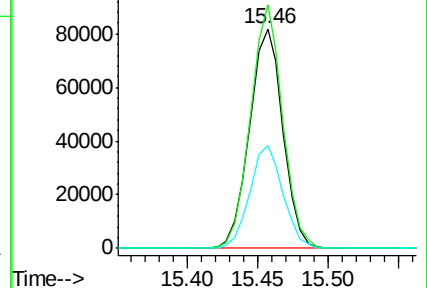
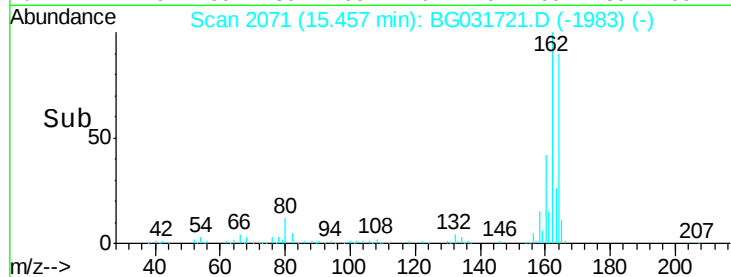
160 46.8 35.4 53.0



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: 117.192 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

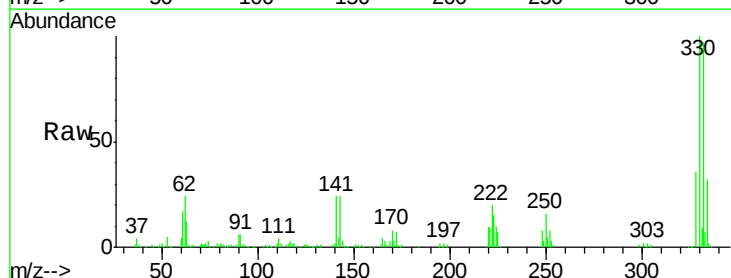
Tgt Ion:330 Resp: 242779

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

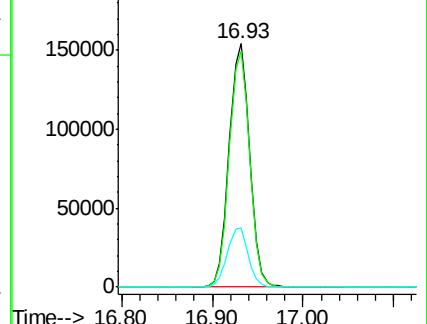
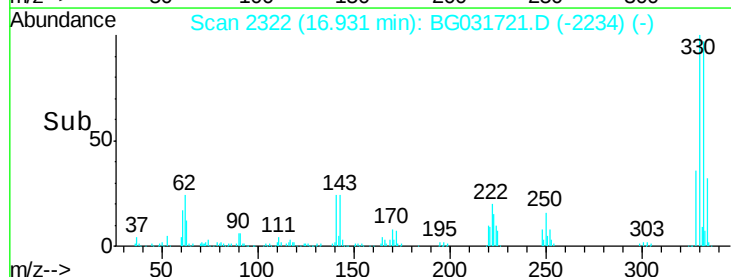
141 24.8 25.2 37.8#

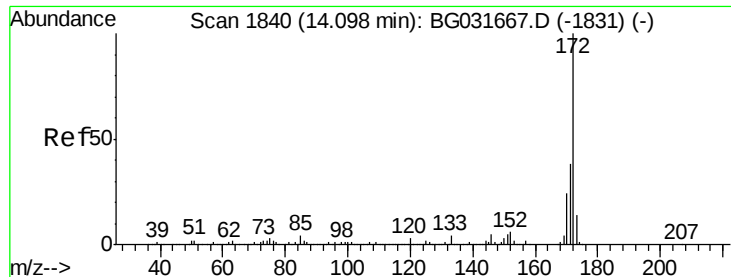


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

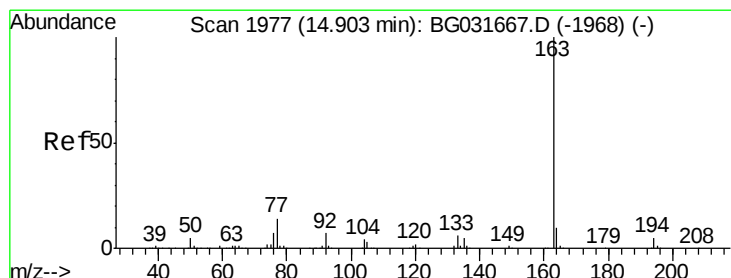
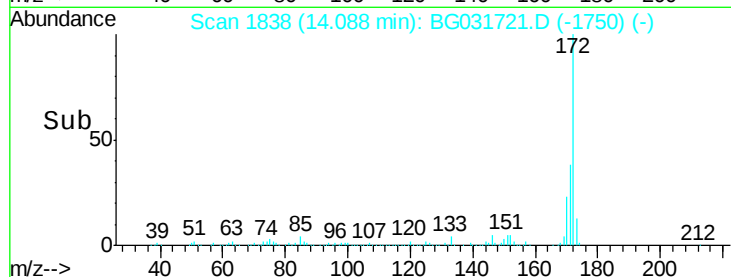
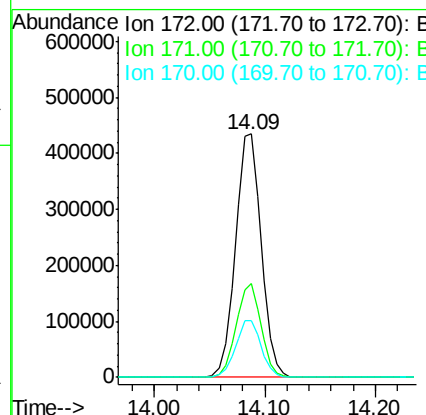
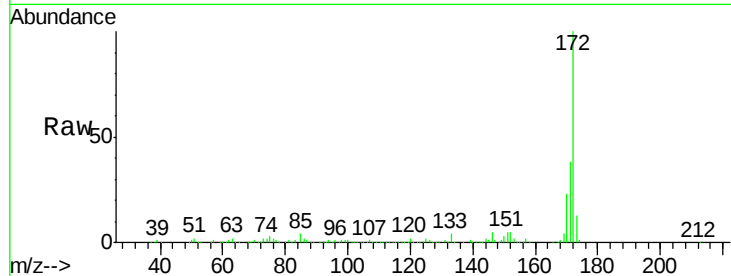




#44
 2-Fluorobiphenyl
 Concen: 65.689 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031721.D
 Acq: 22 Dec 2017 21:18

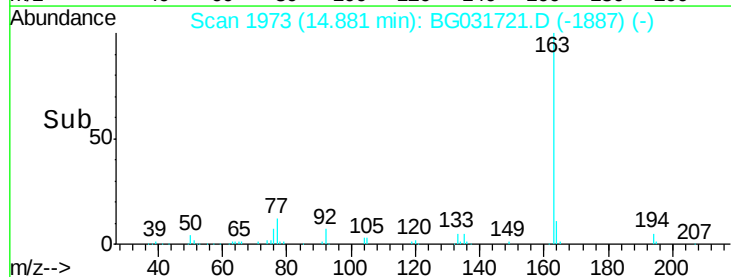
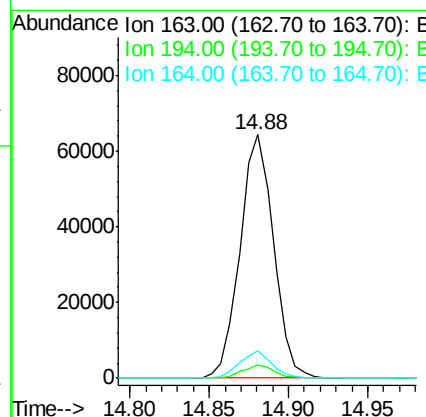
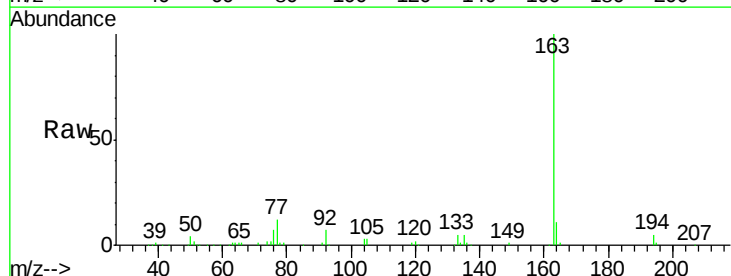
Instrument :
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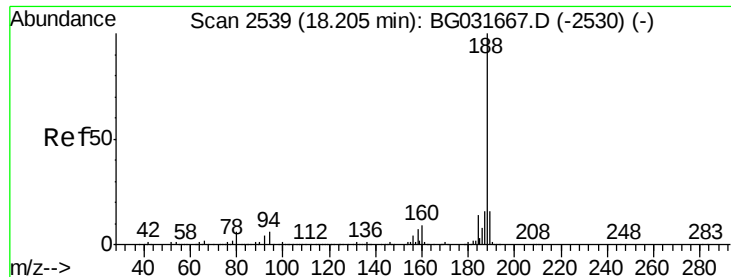
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.1	19.5	29.3



#49
 Dimethylphthalate
 Concen: 7.872 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG031721.D
 Acq: 22 Dec 2017 21:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	11.0	8.2	12.4

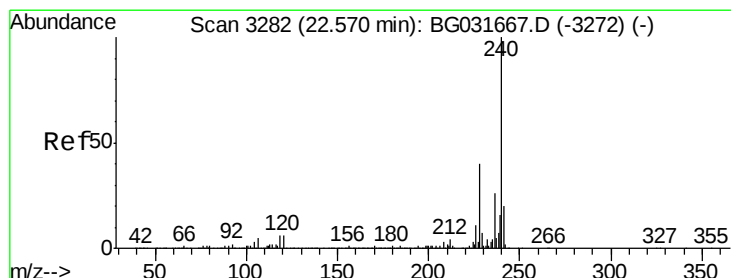
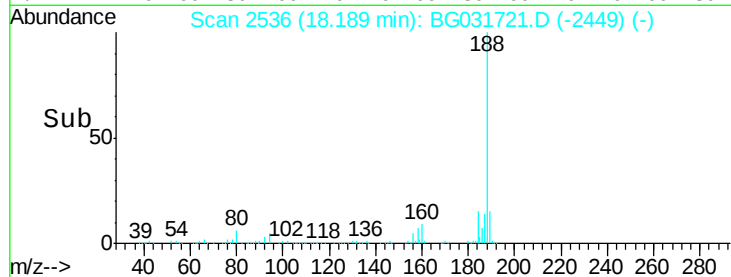
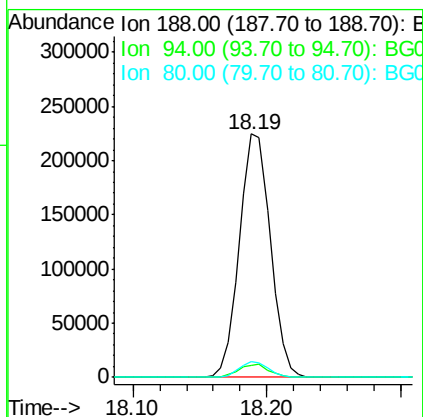
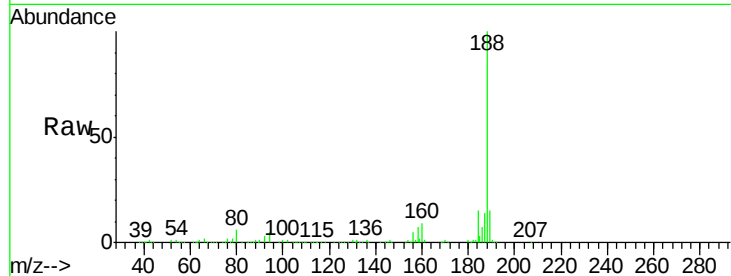




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

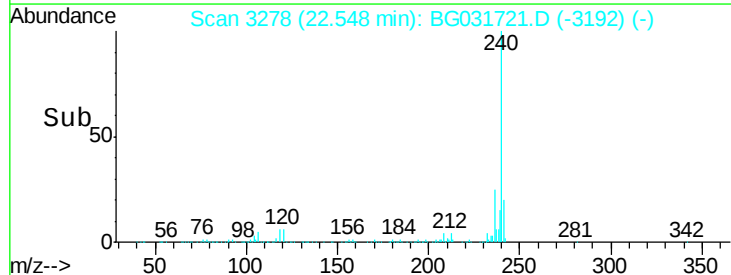
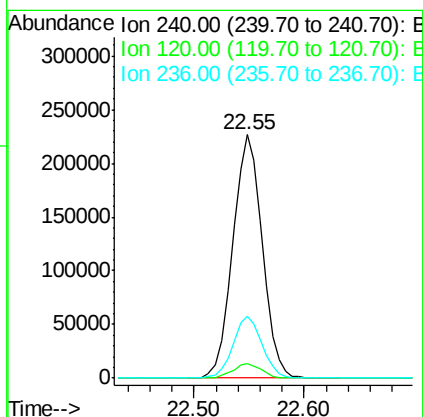
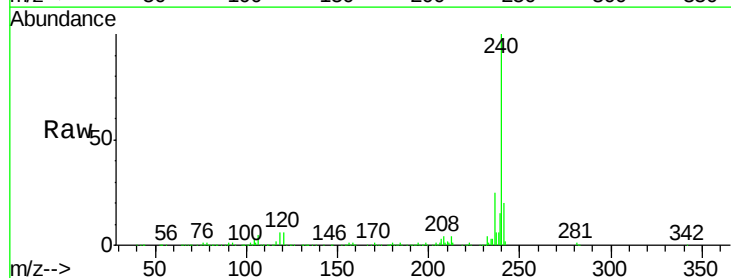
Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(85-87)

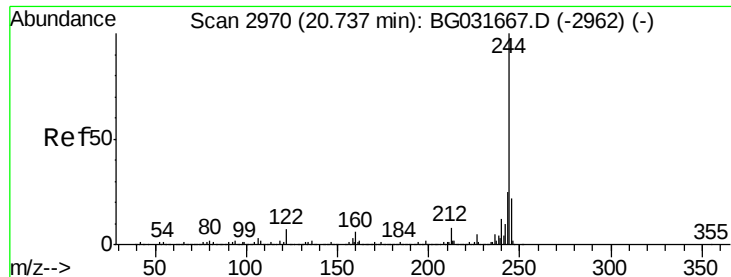
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	6.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031721.D
Acq: 22 Dec 2017 21:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.5	20.9	31.3





#78

Terphenyl-d14

Concen: 70.296 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(85-87)

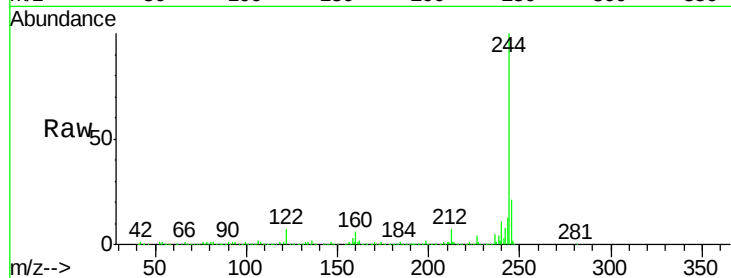
Tgt Ion:244 Resp: 1304098

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

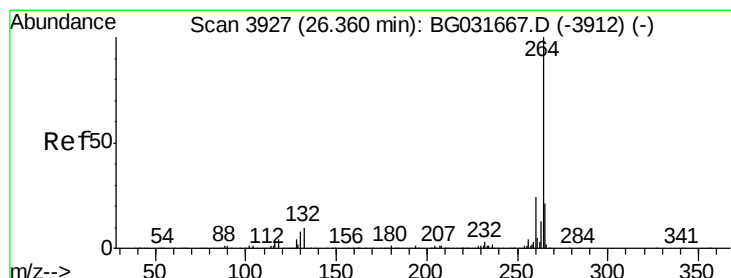
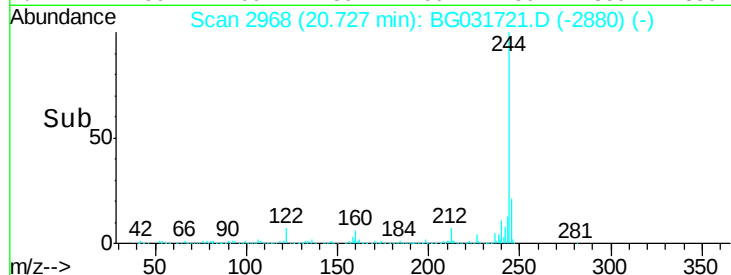
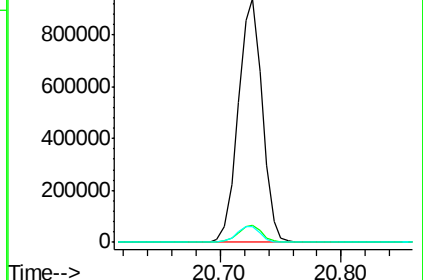
122 6.5 7.0 10.4#



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: 26.33 min Scan# 3922

Delta R.T. -0.03 min

Lab File: BG031721.D

Acq: 22 Dec 2017 21:18

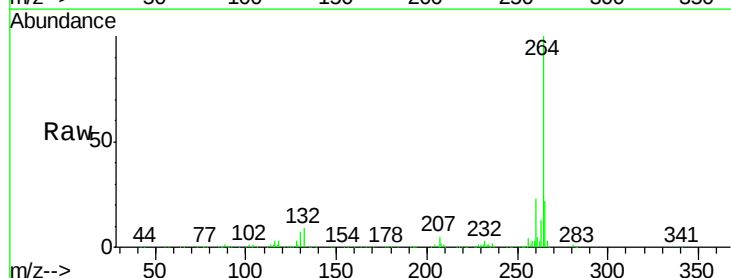
Tgt Ion:264 Resp: 455349

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.3 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

