

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032263.D
 Acq On : 24 Jan 2018 16:32
 Operator : SJ/JU
 Sample : J1241-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(110-112)

Quant Time: Jan 24 17:18:14 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

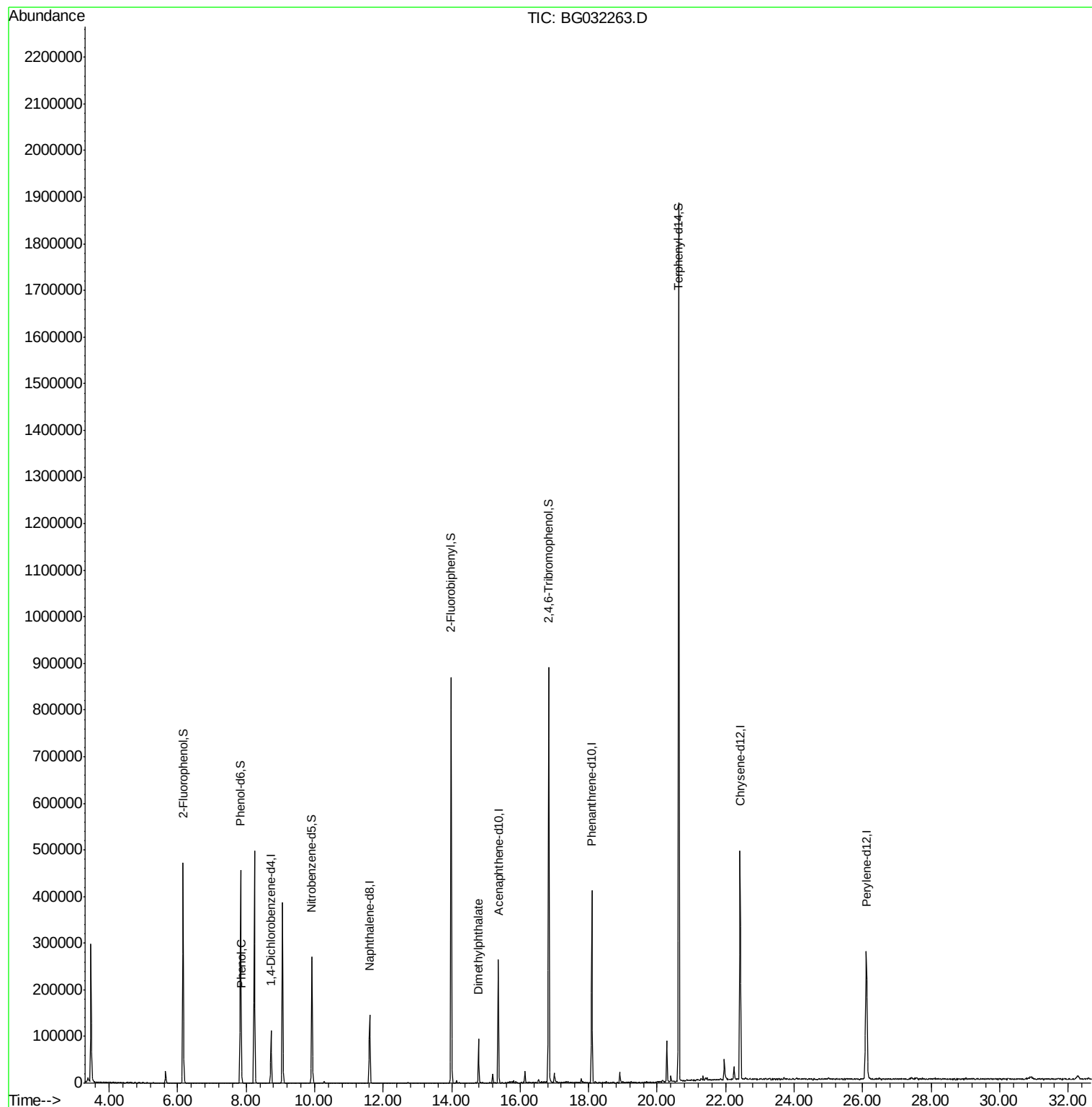
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	37769	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	142596	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	99199	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	279975	20.00	ng	0.00
75) Chrysene-d12	22.42	240	368901	20.00	ng	0.00
86) Perylene-d12	26.11	264	382500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	228372	110.59	ng	0.00
7) Phenol-d6	7.84	99	275104	105.77	ng	0.00
23) Nitrobenzene-d5	9.92	82	170592	80.94	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	200281	122.01	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	508439	63.55	ng	0.00
78) Terphenyl-d14	20.63	244	1016717	60.86	ng	0.00
Target Compounds						
10) Phenol	7.86	94	7561	2.951	ng	78
49) Dimethylphthalate	14.78	163	68765	7.922	ng	97

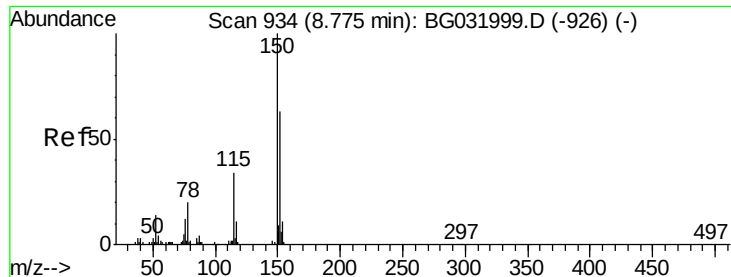
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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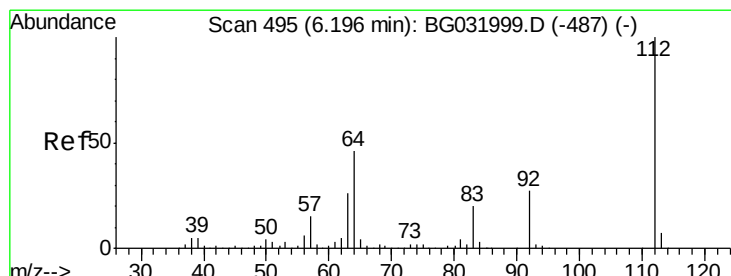
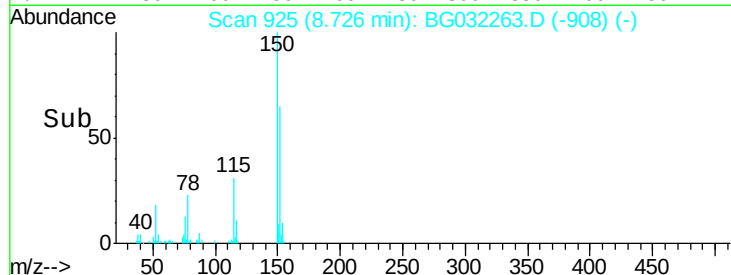
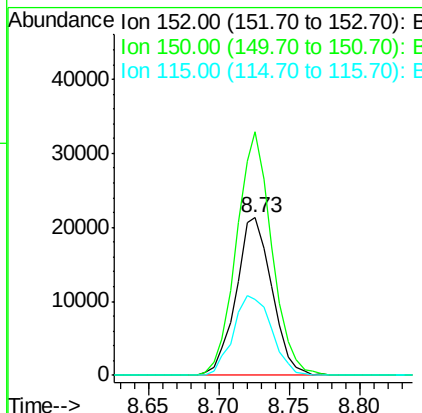
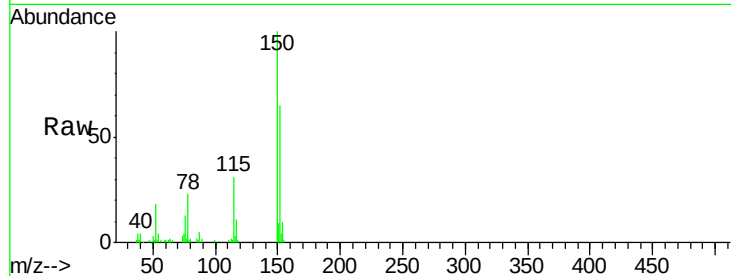


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(110-112)

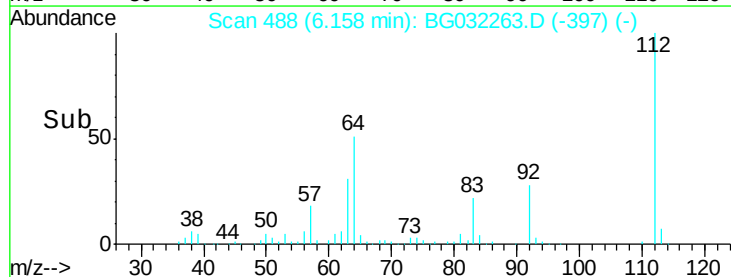
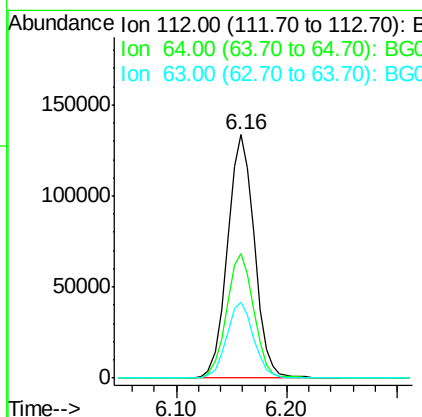
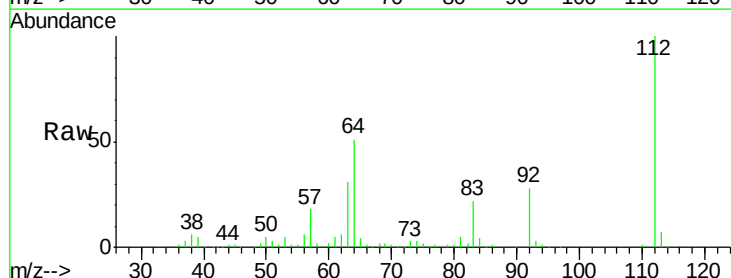
Tgt Ion:152 Resp: 37769
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 48.3 53.0 79.4#

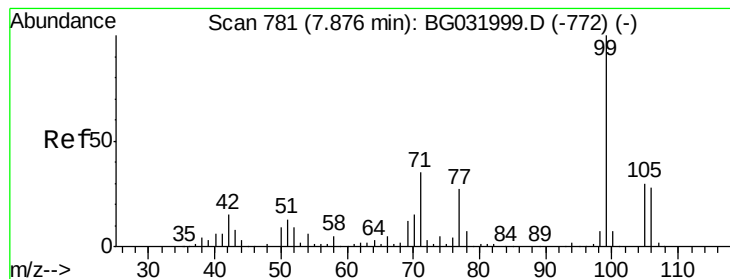


#5

2-Fluorophenol
Concen: 110.587 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:112 Resp: 228372
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 105.775 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

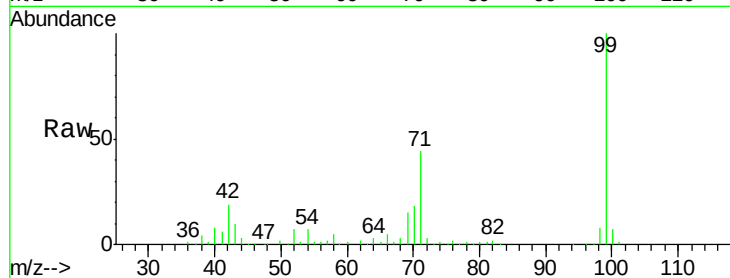
Tgt Ion: 99 Resp: 275104

Ion Ratio Lower Upper

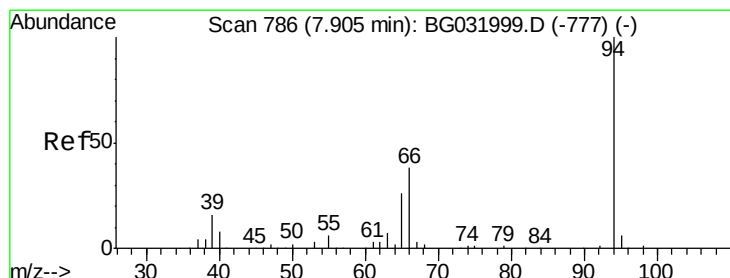
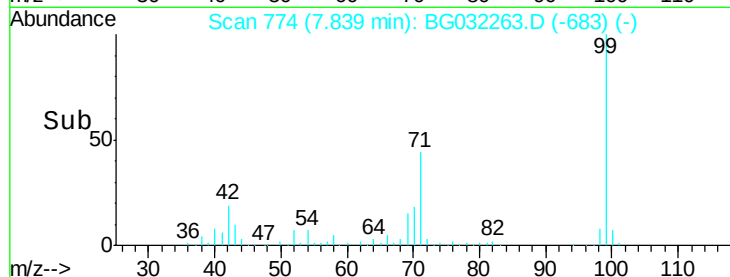
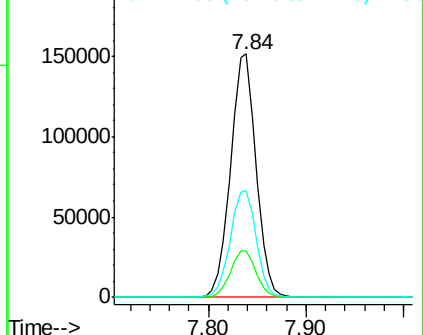
99 100

42 19.3 14.1 21.1

71 44.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.951 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

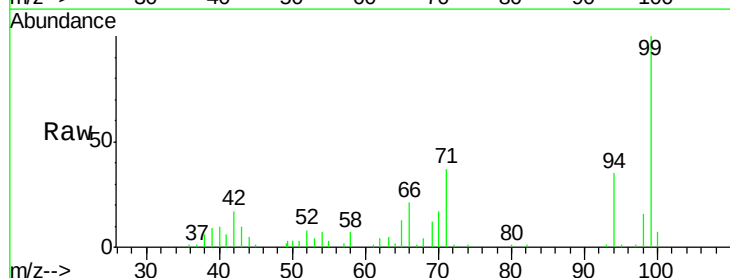
Tgt Ion: 94 Resp: 7561

Ion Ratio Lower Upper

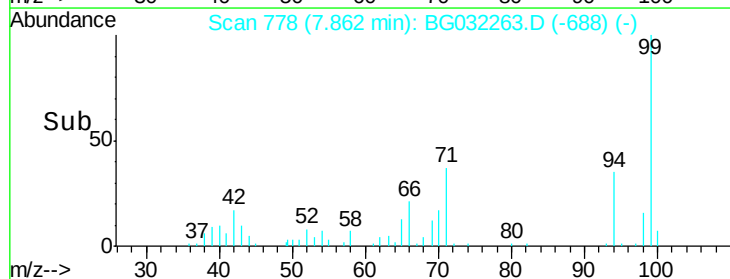
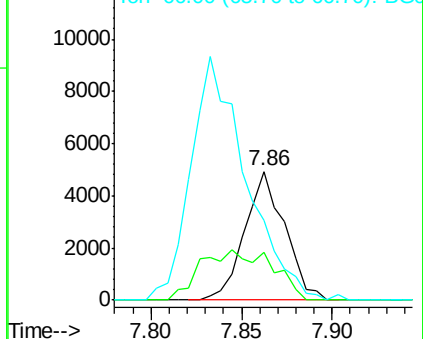
94 100

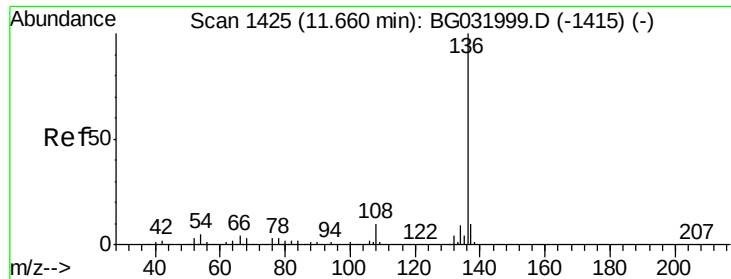
65 37.1 11.9 51.9

66 62.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

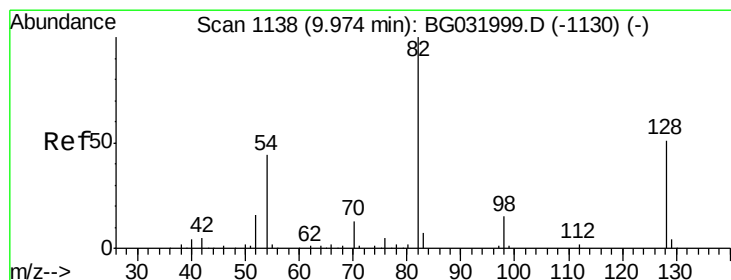
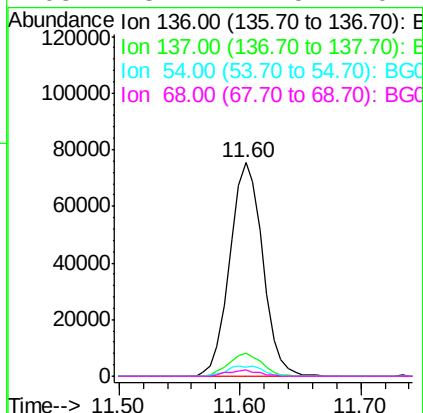
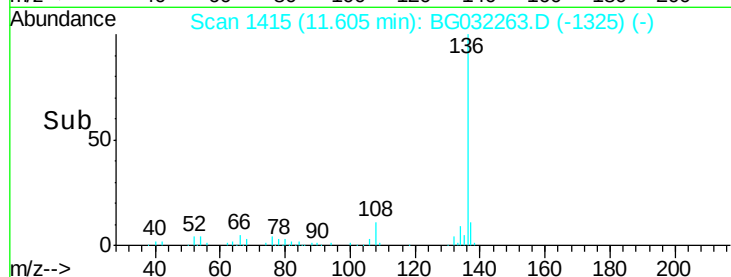
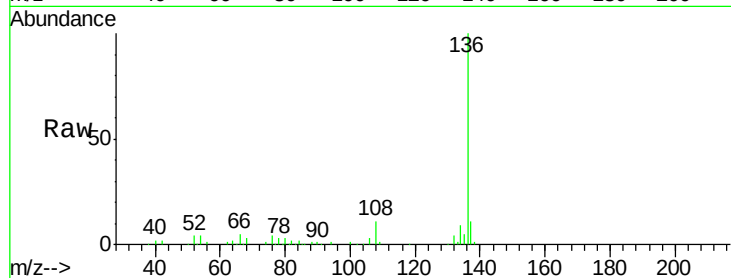




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

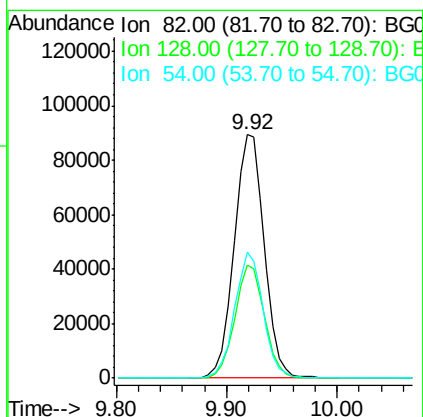
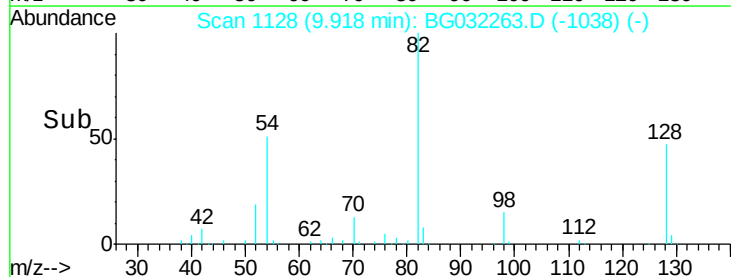
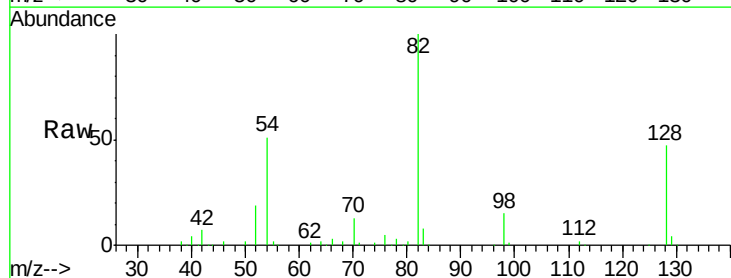
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(110-112)

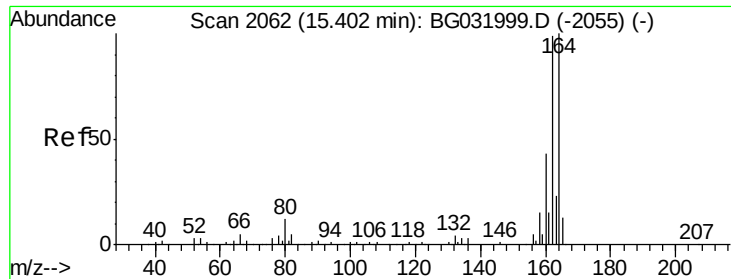
Tgt Ion:	136	Resp:	142596
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.4	10.3	15.5#
68	3.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 80.937 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:	82	Resp:	170592
Ion	Ratio	Lower	Upper
82	100		
128	46.6	29.7	44.5#
54	51.5	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

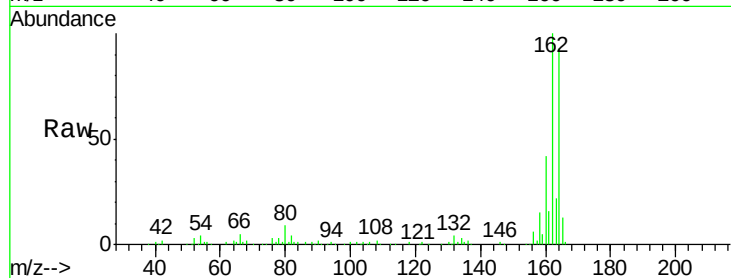
Tgt Ion:164 Resp: 99199

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

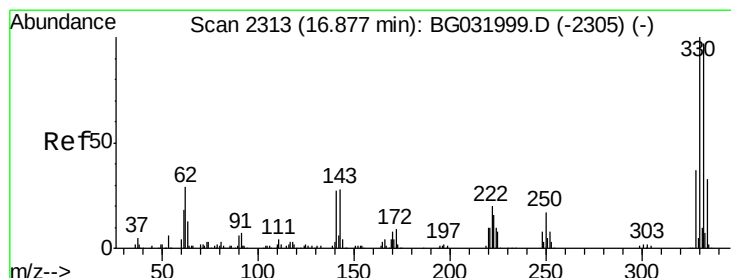
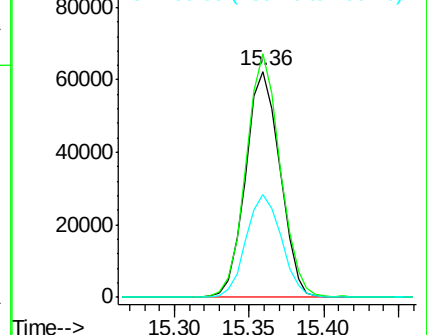
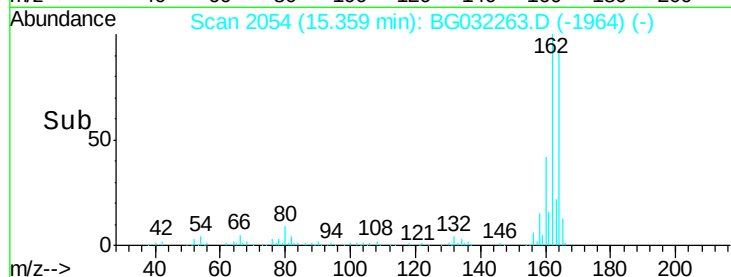
160 45.4 35.4 53.0



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: 122.010 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

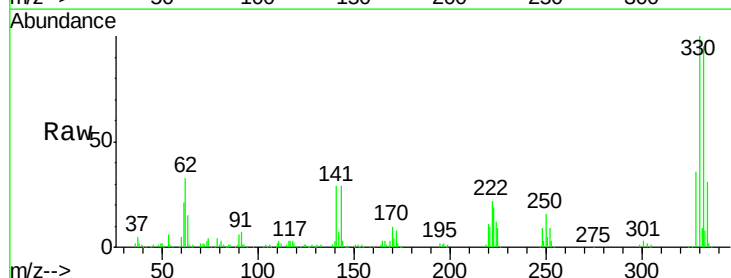
Tgt Ion:330 Resp: 200281

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

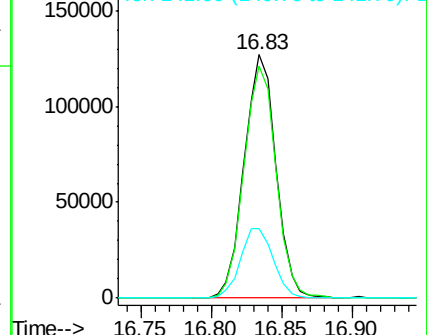
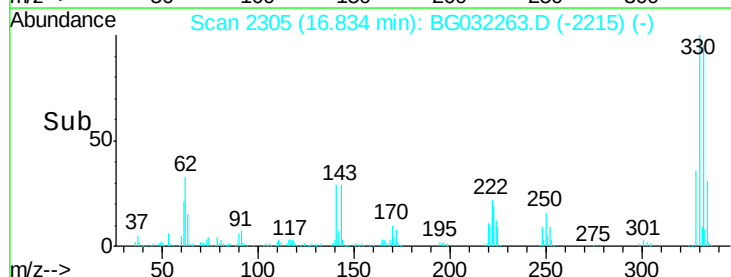
141 29.7 25.2 37.8

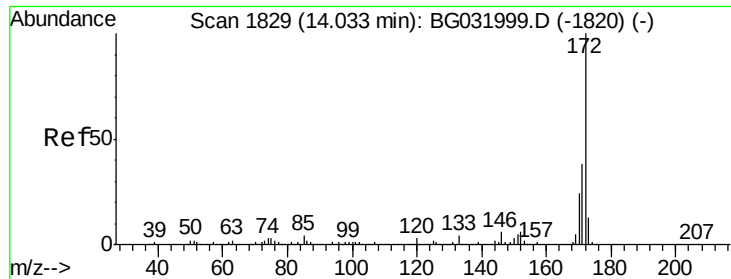


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

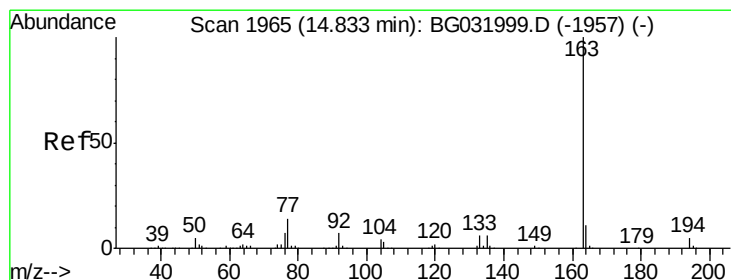
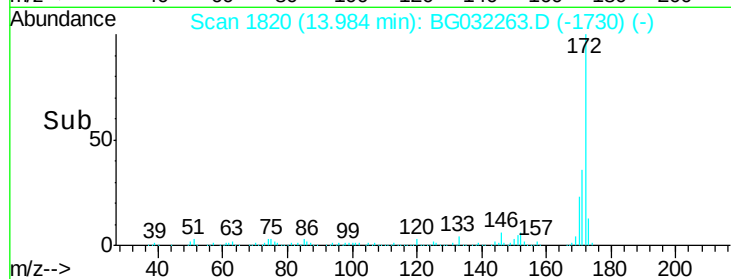
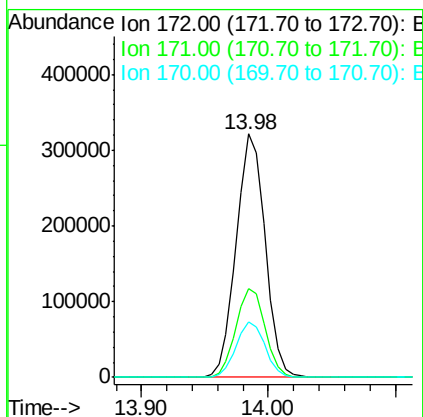
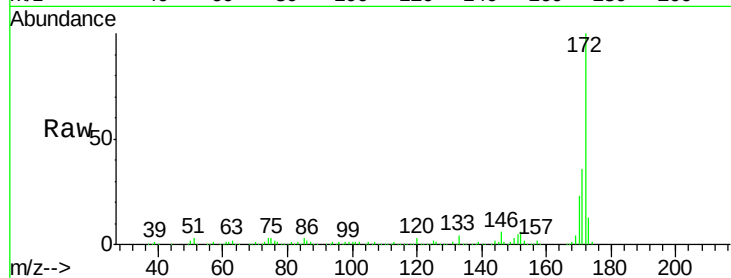




#44
2-Fluorobiphenyl
Concen: 63.553 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

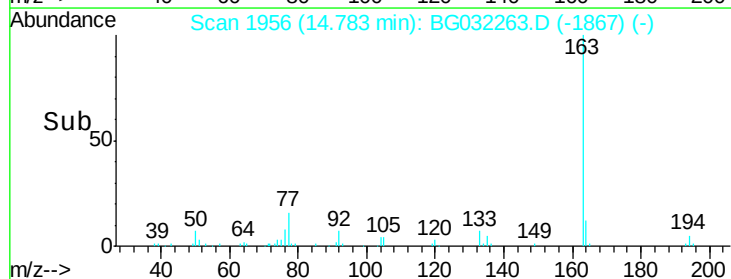
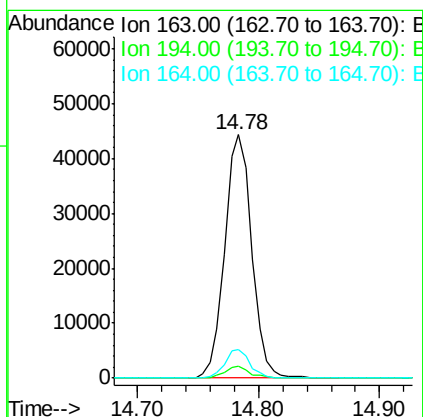
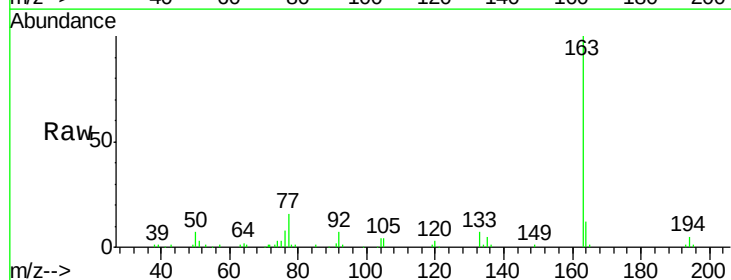
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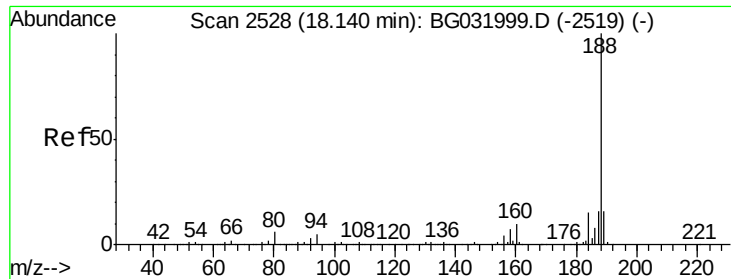
Tgt Ion:172 Resp: 508439
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 22.6 19.5 29.3



#49
Dimethylphthalate
Concen: 7.922 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:163 Resp: 68765
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 11.8 8.2 12.4

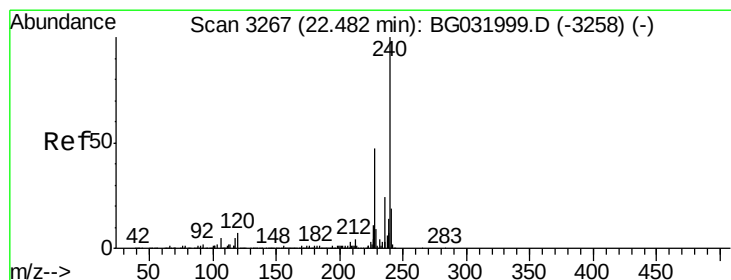
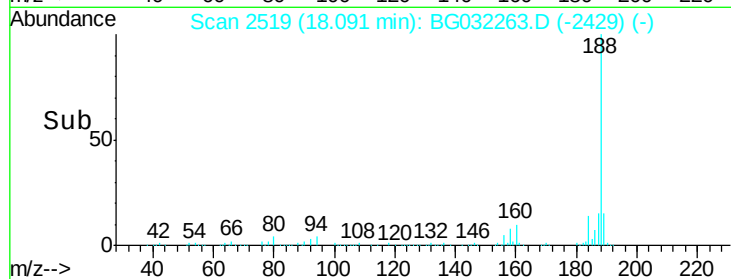
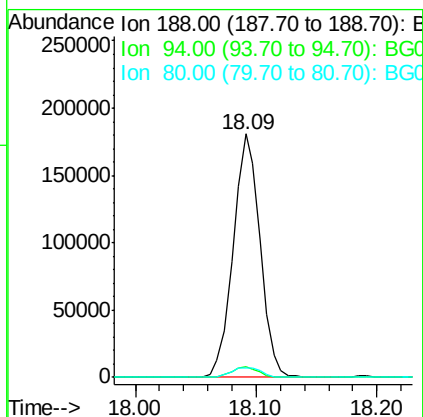
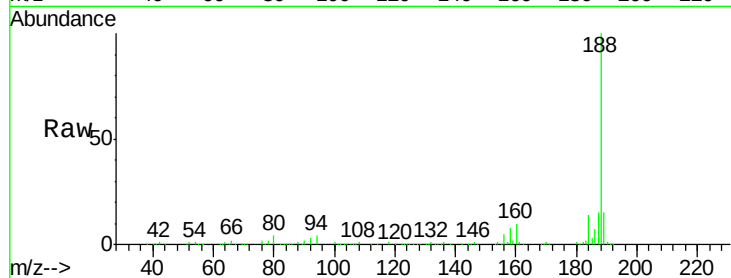




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

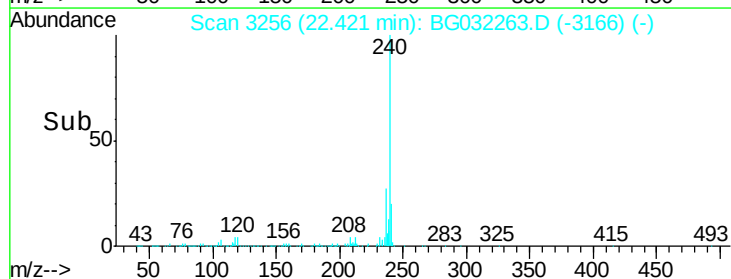
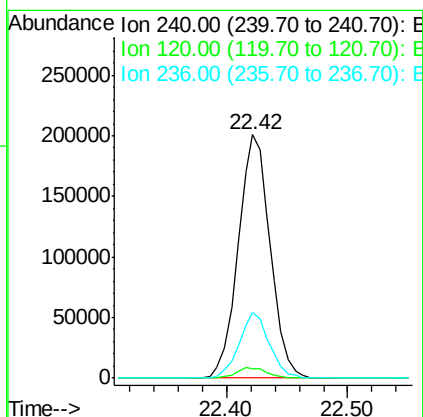
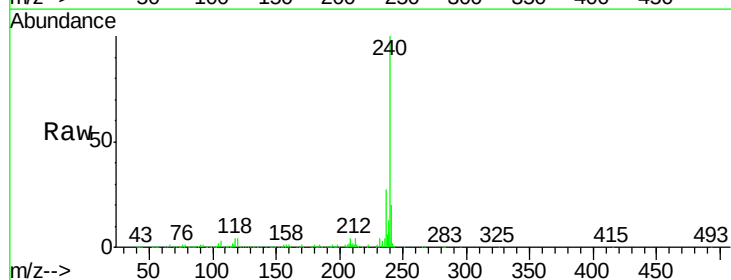
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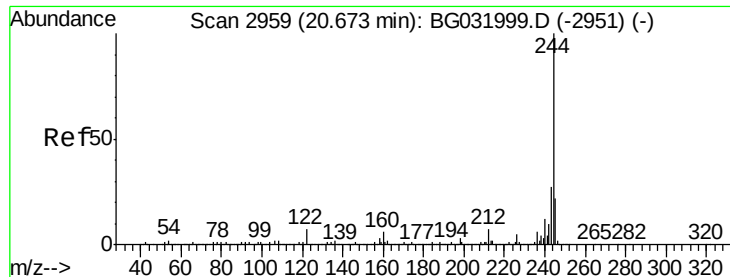
Tgt Ion:188 Resp: 279975
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 3.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:240 Resp: 368901
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 60.855 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

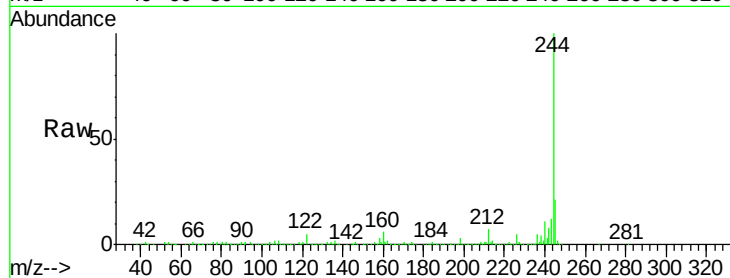
Tgt Ion:244 Resp: 1016717

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

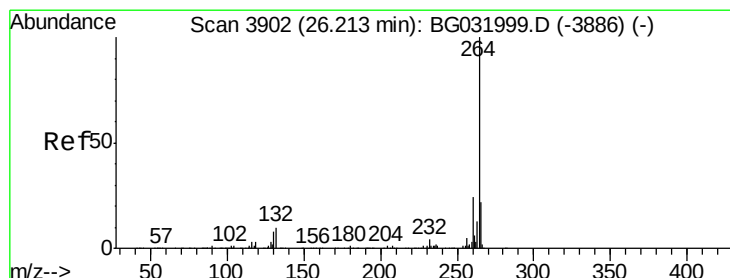
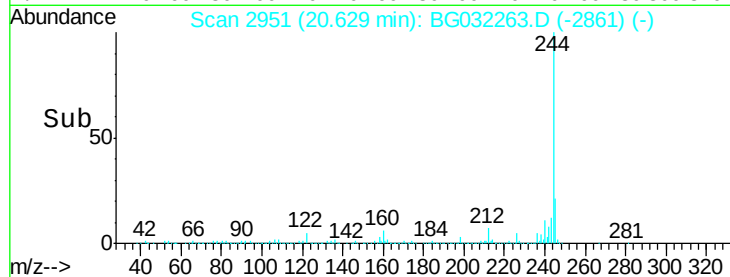
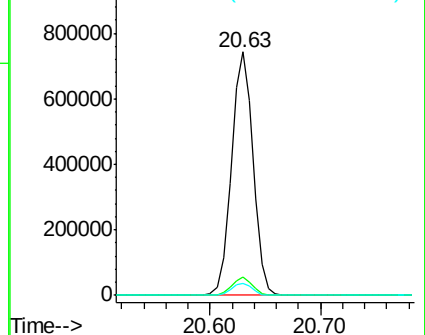
122 5.1 7.0 10.4#



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: 26.11 min Scan# 3884

Delta R.T. 0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

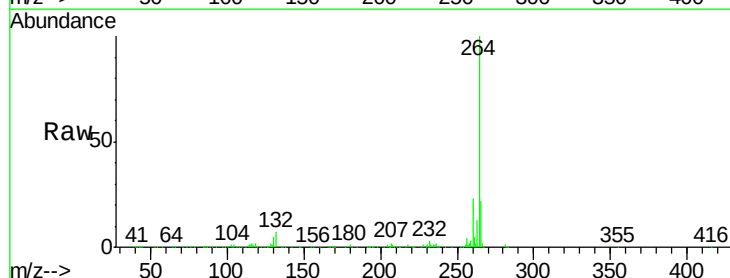
Tgt Ion:264 Resp: 382500

Ion Ratio Lower Upper

264 100

260 22.6 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

