

Data File : BG030621.D
Acq On : 31 Oct 2017 20:43
Operator : SJ/JU
Sample : I6178-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

Quant Time: Nov 01 06:29:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68831	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	323628	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	217265	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	494044	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	531939	20.00	ng	-0.02
86) Perylene-d12	25.09	264	526343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	556482	135.06	ng	0.00
7) Phenol-d6	7.32	99	771978	133.48	ng	0.00
23) Nitrobenzene-d5	9.32	82	447121	87.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	390846	139.33	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1210431	81.71	ng	-0.02
78) Terphenyl-d14	20.11	244	1579799	67.56	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	58605	9.40	ng	94
49) Dimethylphthalate	14.22	163	321204	18.95	ng	99

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

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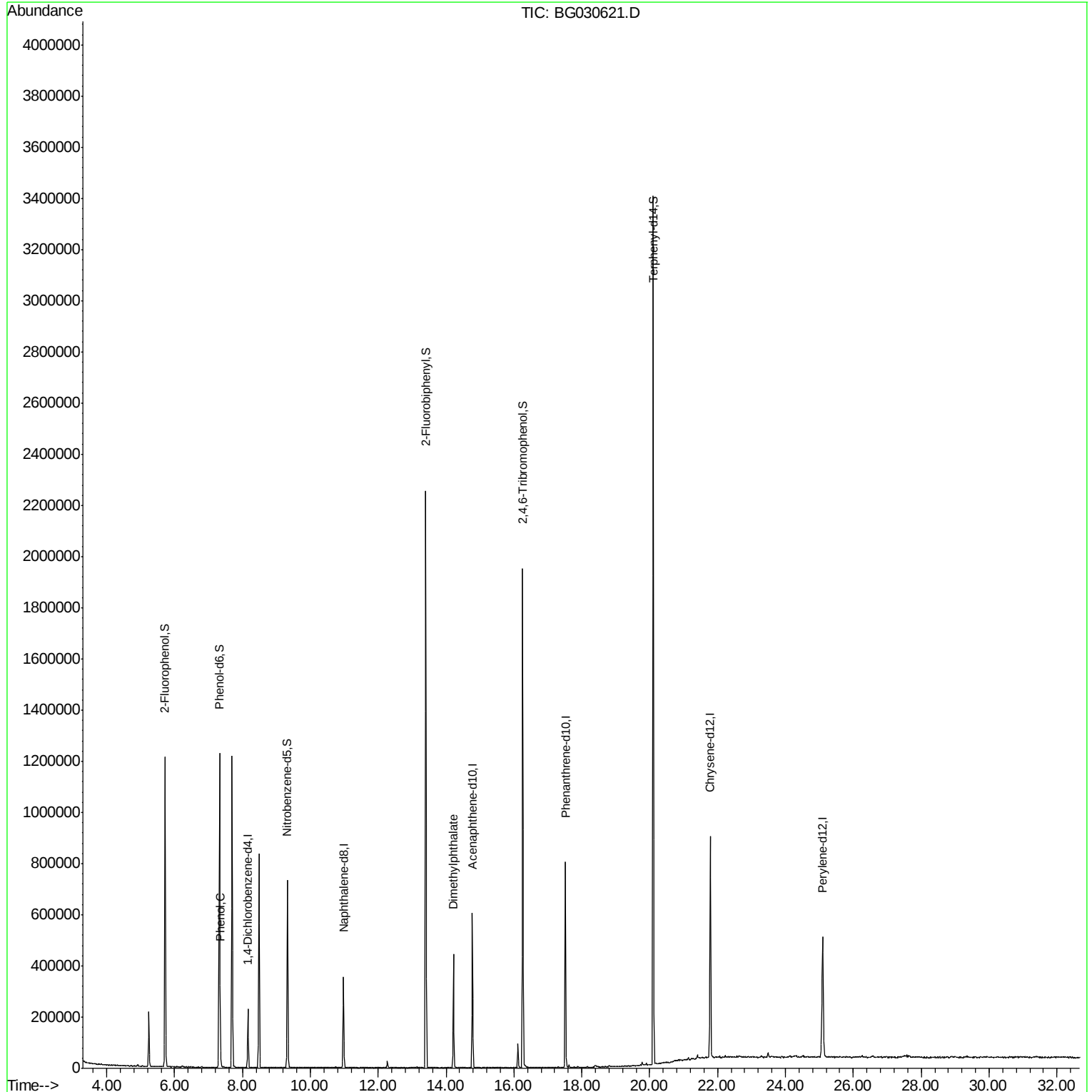
Quant Time: Nov 01 06:29:53 2017

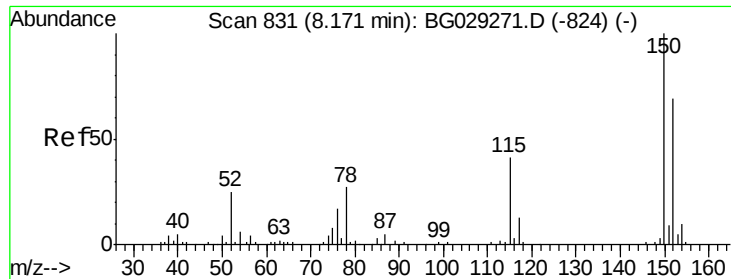
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

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QLast Update : Mon Oct 16 17:32:15 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG030621.D

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Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

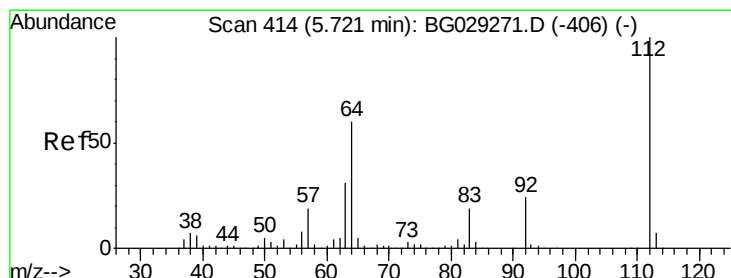
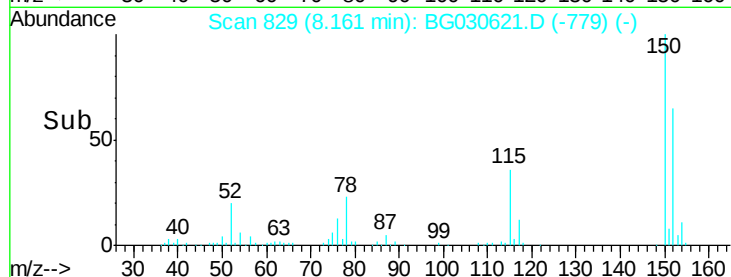
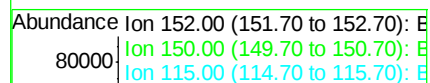
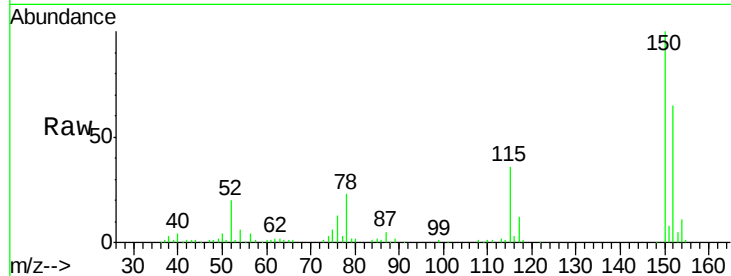
Tgt Ion:152 Resp: 68831

Ion Ratio Lower Upper

152 100

150 154.0 126.6 189.8

115 56.2 53.0 79.4



#5

2-Fluorophenol

Concen: 135.06 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

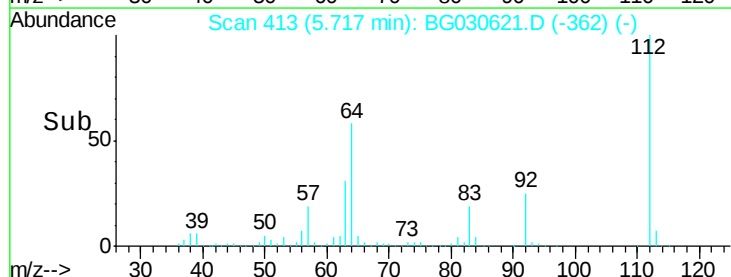
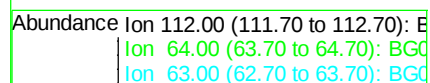
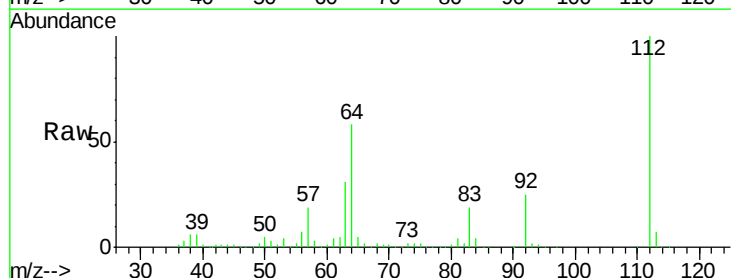
Tgt Ion:112 Resp: 556482

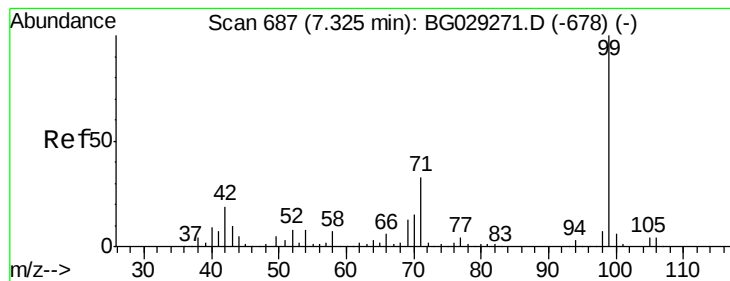
Ion Ratio Lower Upper

112 100

64 58.4 56.3 84.5

63 30.6 30.1 45.1





#7

Phenol-d6

Concen: 133.48 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

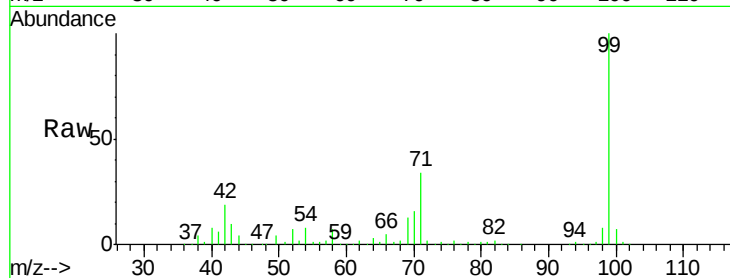
Tgt Ion: 99 Resp: 771978

Ion Ratio Lower Upper

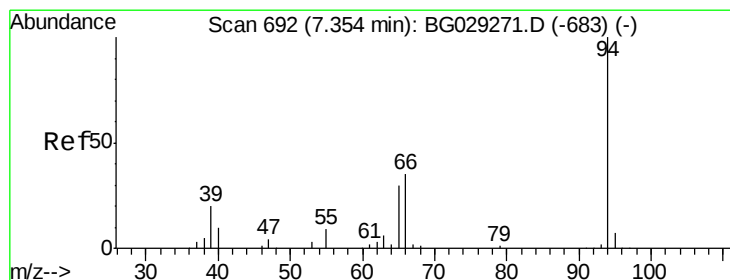
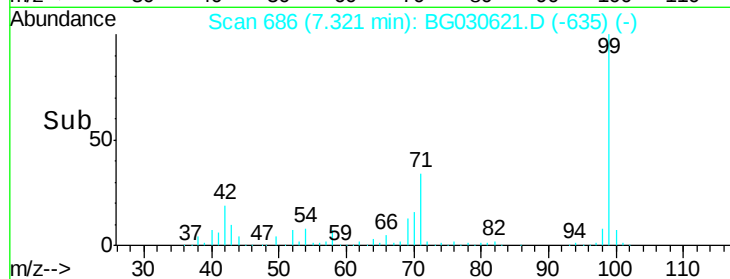
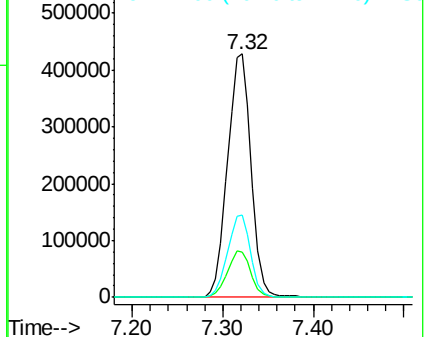
99 100

42 18.8 14.1 21.1

71 33.7 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: 9.40 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

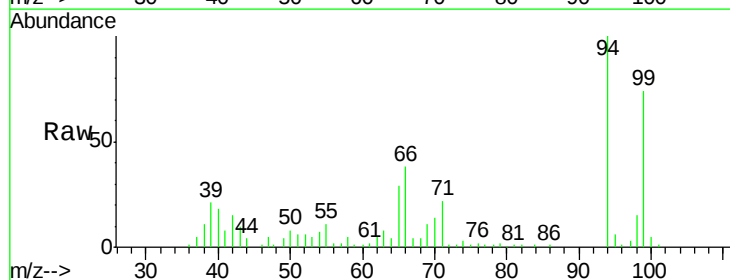
Tgt Ion: 94 Resp: 58605

Ion Ratio Lower Upper

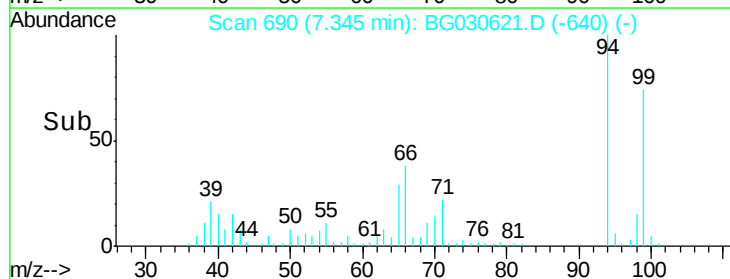
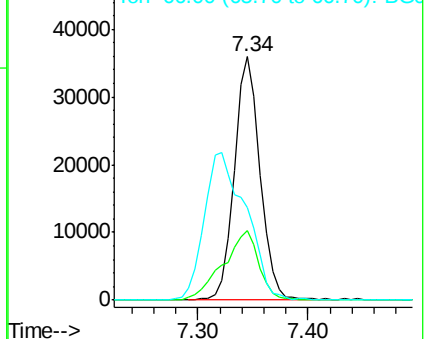
94 100

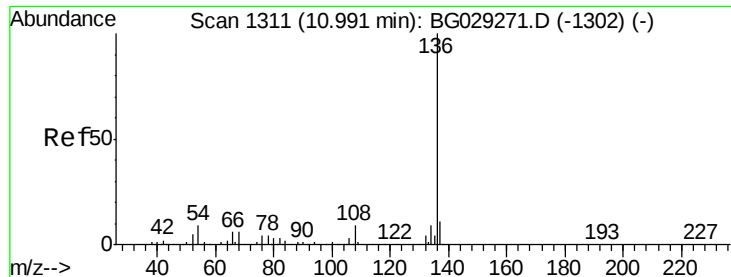
65 28.8 11.9 51.9

66 38.2 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

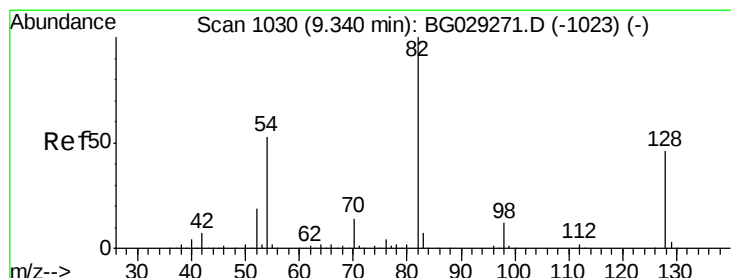
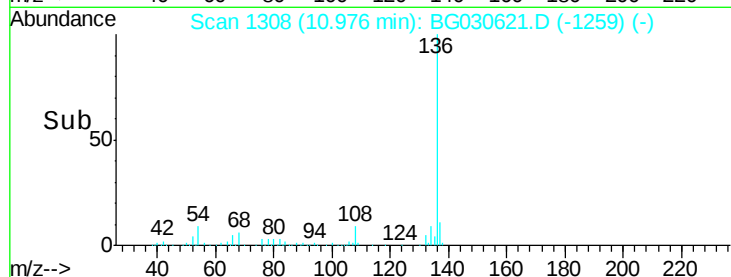
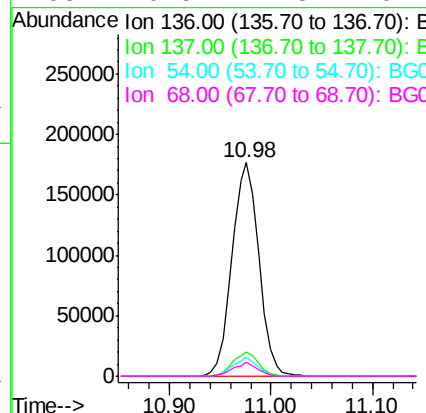
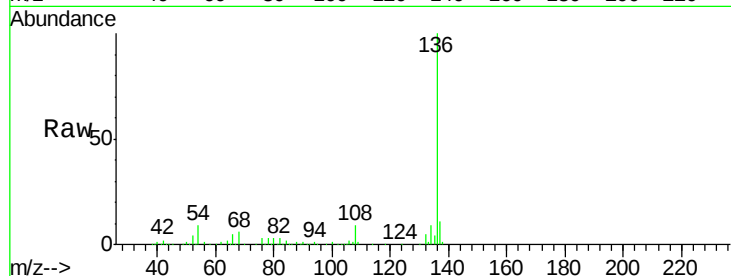




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

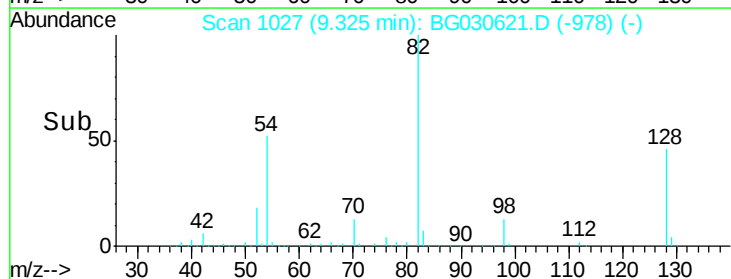
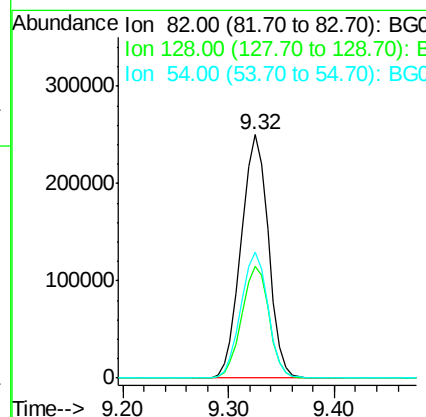
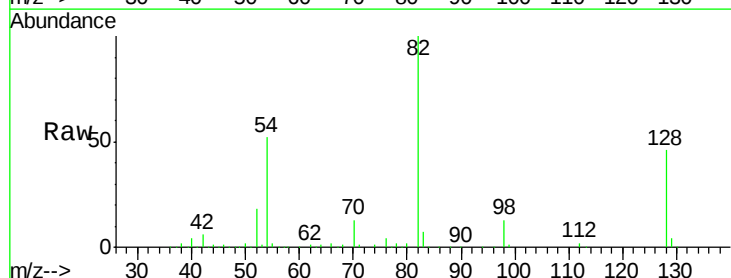
Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

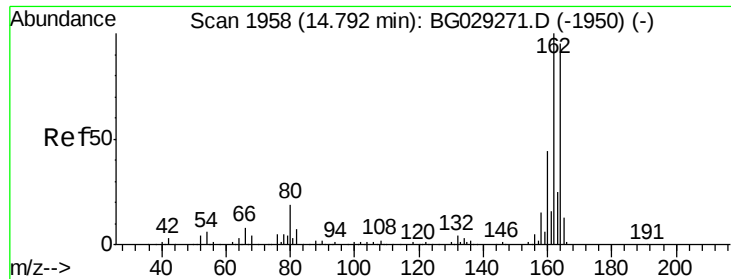
Tgt Ion:	136	Resp:	323628
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.0	10.3	15.5#
68	6.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 87.80 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:	82	Resp:	447121
Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	51.6	43.1	64.7

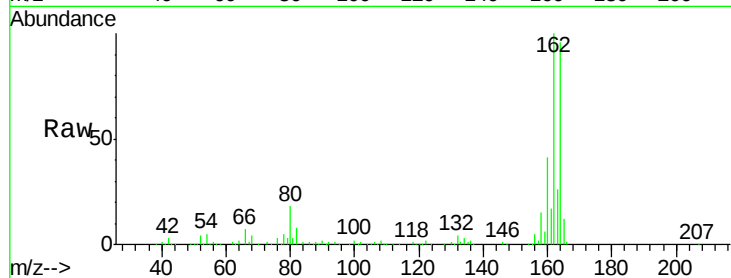




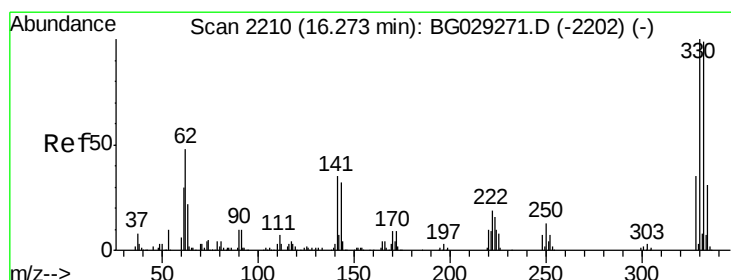
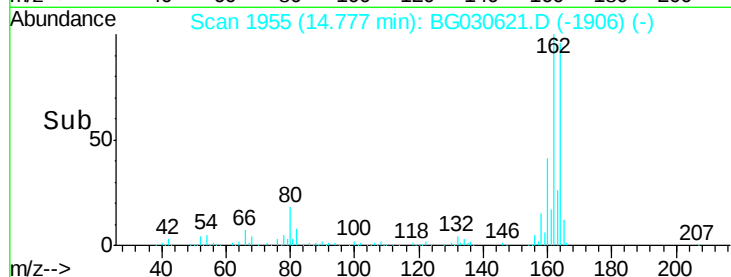
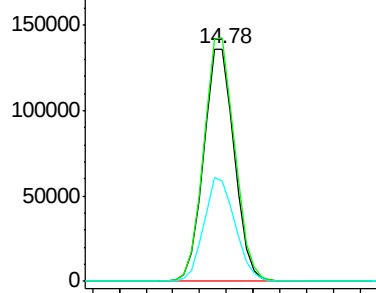
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

Tgt Ion:164 Resp: 217265
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 43.4 35.4 53.0

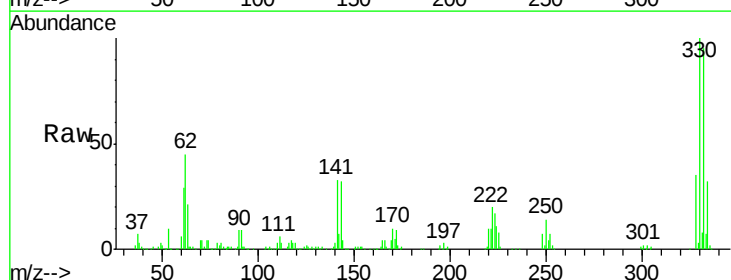


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

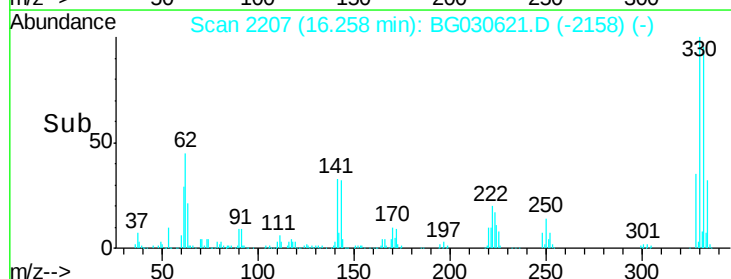
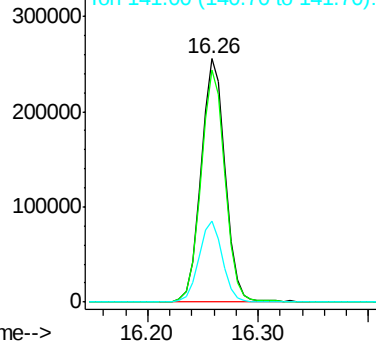


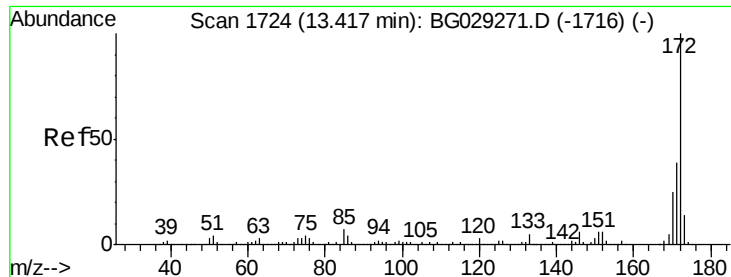
#41
2,4,6-Tribromophenol
Concen: 139.33 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:330 Resp: 390846
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 32.7 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

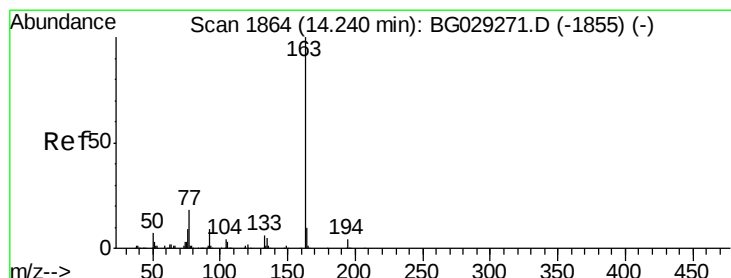
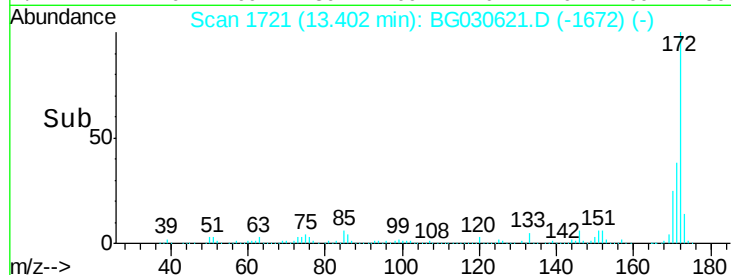
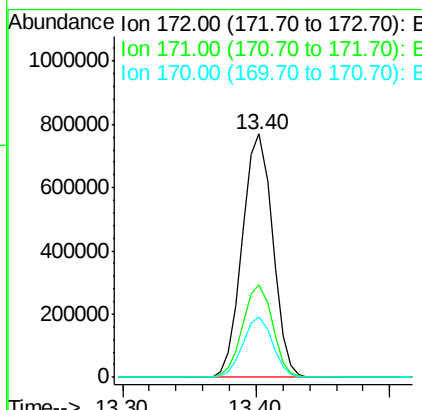
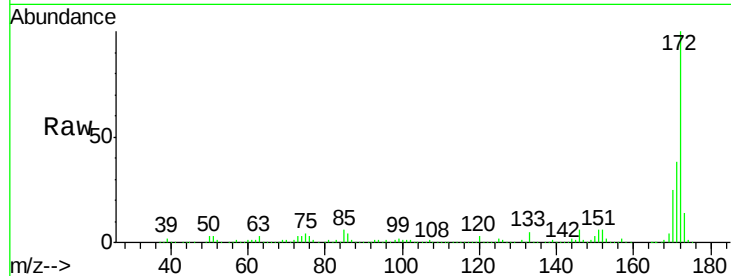




#44
2-Fluorobiphenyl
Concen: 81.71 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

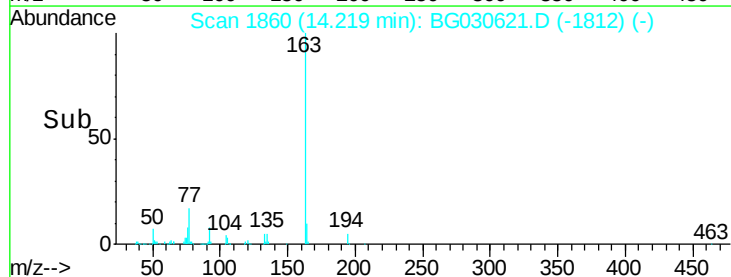
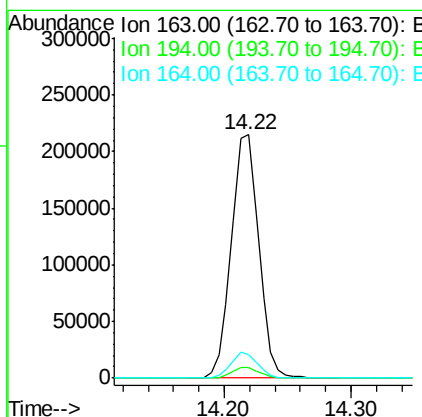
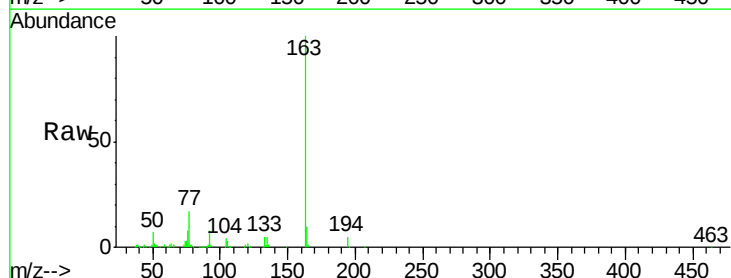
Instrument :
BNA_G
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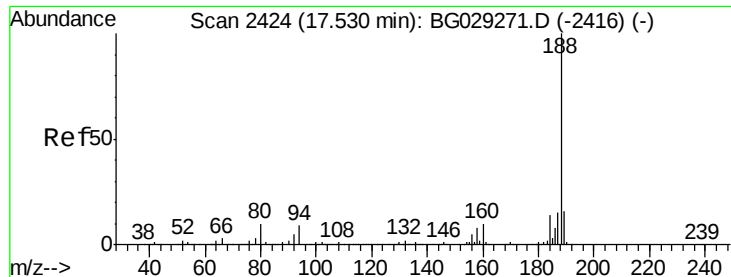
Tgt Ion:172 Resp: 1210431
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 24.9 19.5 29.3



#49
Dimethylphthalate
Concen: 18.95 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:163 Resp: 321204
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.8 8.2 12.4

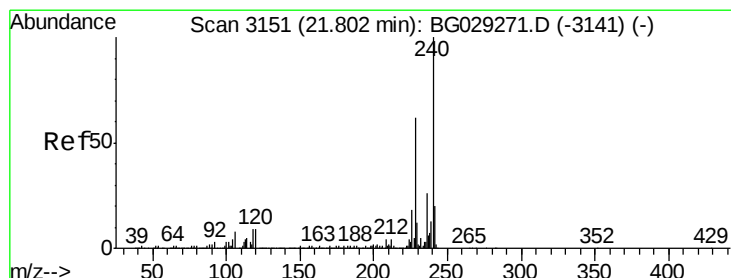
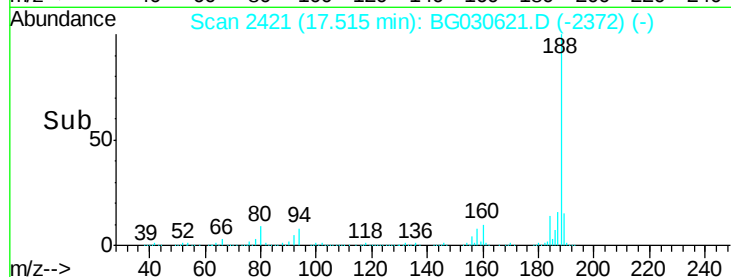
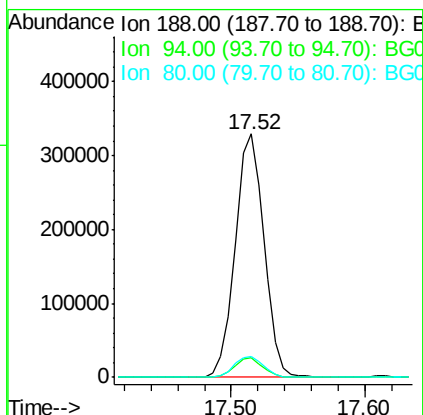
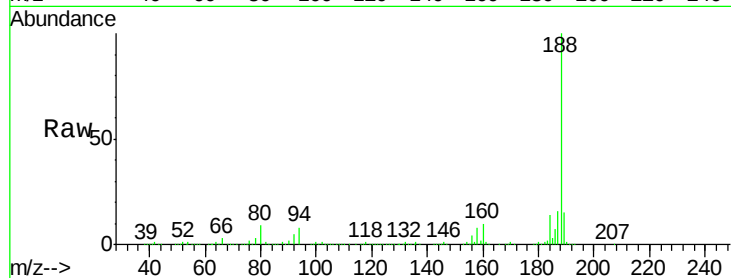




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

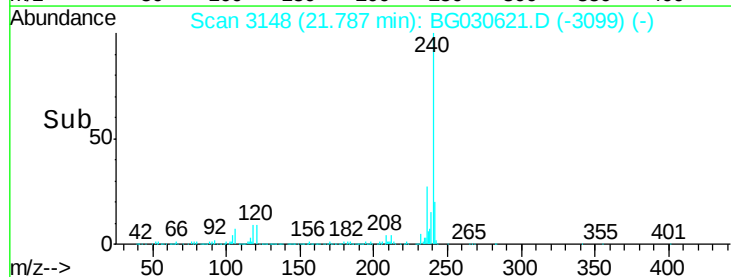
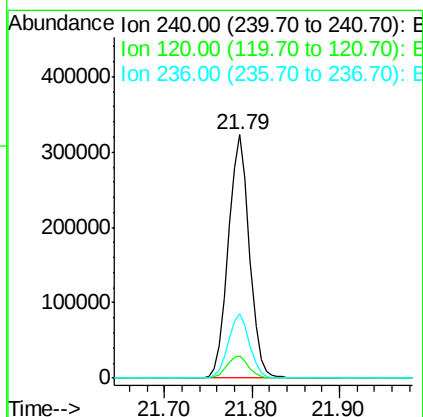
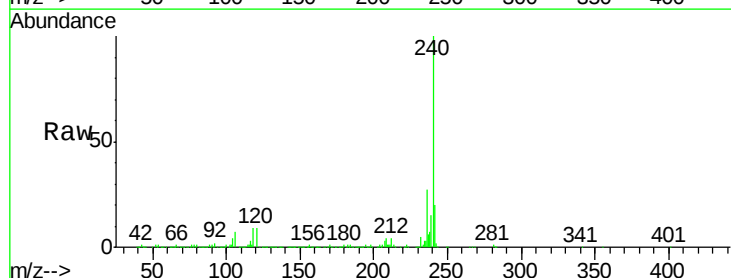
Instrument :
BNA_G
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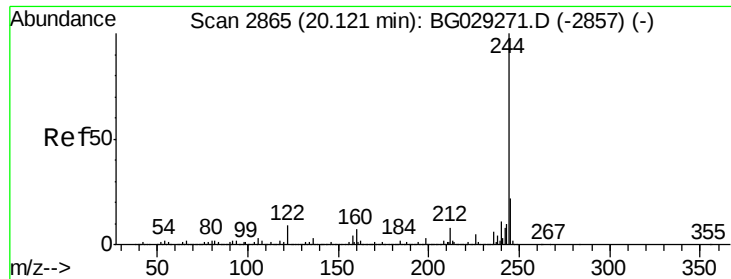
Tgt Ion:188 Resp: 494044
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:240 Resp: 531939
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 67.56 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

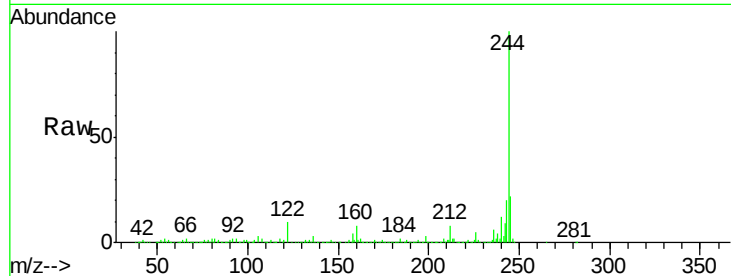
Tgt Ion:244 Resp: 1579799

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

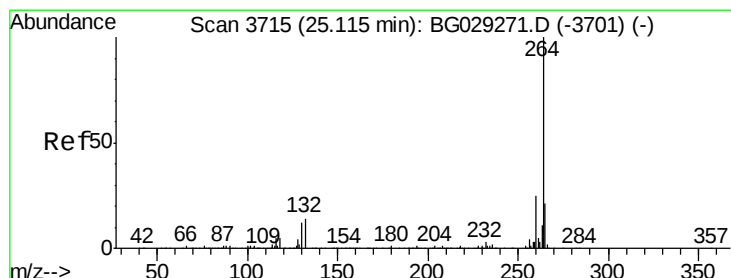
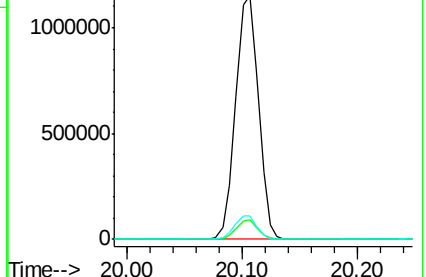
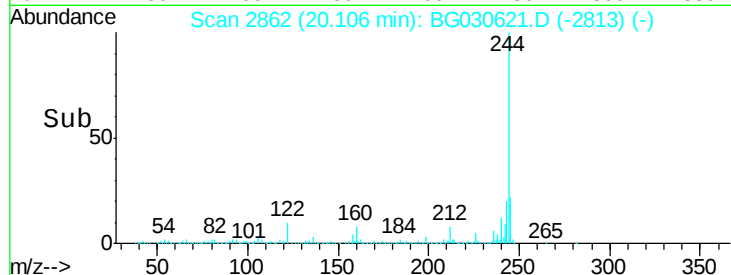
122 9.6 7.0 10.4



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: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

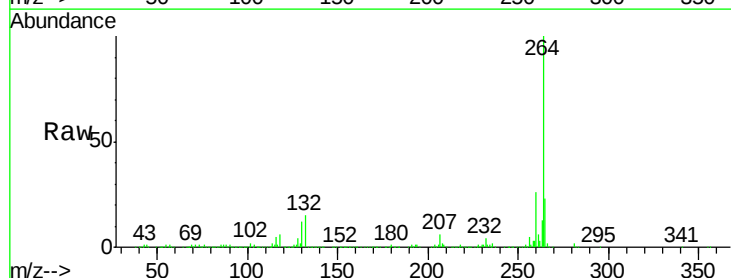
Tgt Ion:264 Resp: 526343

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 22.5 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

