

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042695.D
 Acq On : 3 Sep 2019 19:07
 Operator : HP/JU
 Sample : K4603-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-E1-E4-(0-3.11)

Quant Time: Sep 04 04:53:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

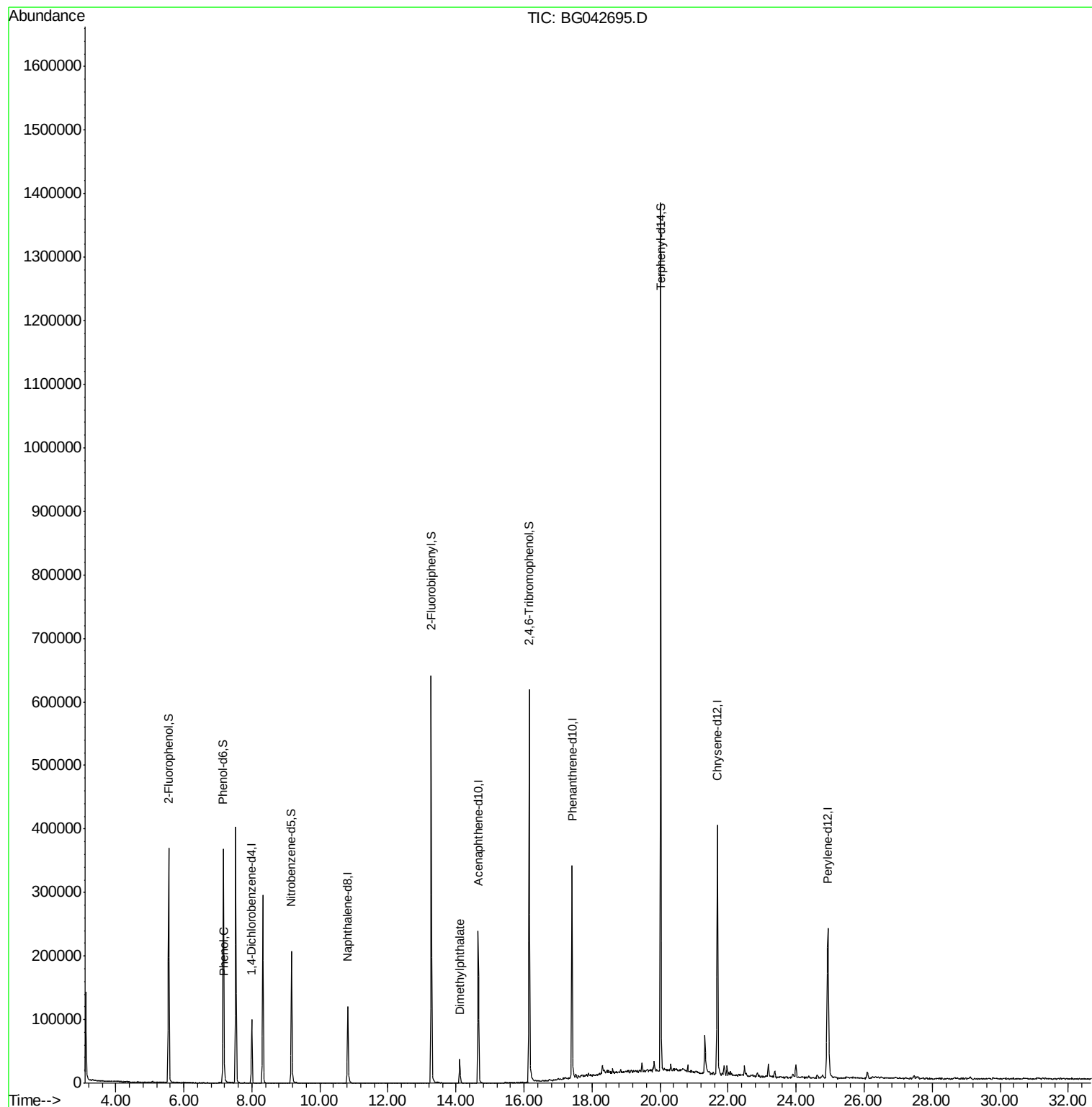
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33949	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133892	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104471	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239610	20.00	ng	0.00
76) Chrysene-d12	21.69	240	260397	20.00	ng	0.00
87) Perylene-d12	24.93	264	307665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	185359	110.58	ng	0.00
7) Phenol-d6	7.16	99	246964	109.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	139938	72.22	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	170903	115.10	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	398887	64.58	ng	0.00
79) Terphenyl-d14	20.02	244	743042	61.69	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8019	3.483	ng	79
50) Dimethylphthalate	14.11	163	41452	5.499	ng	# 96

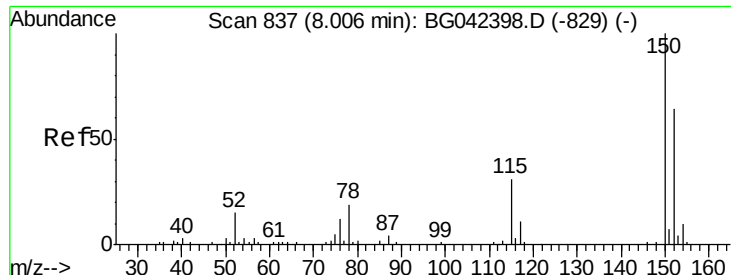
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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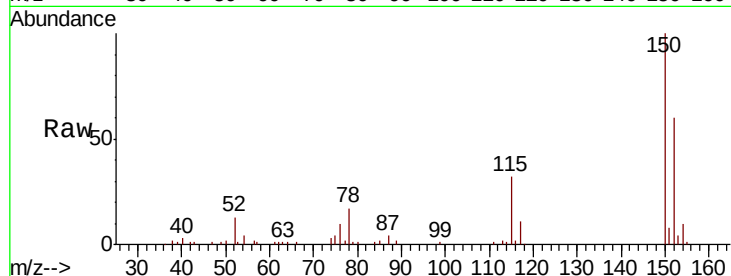


#1

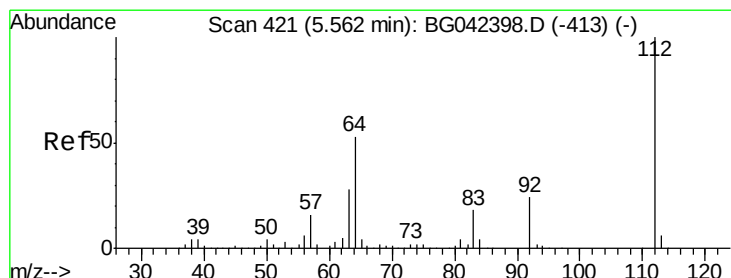
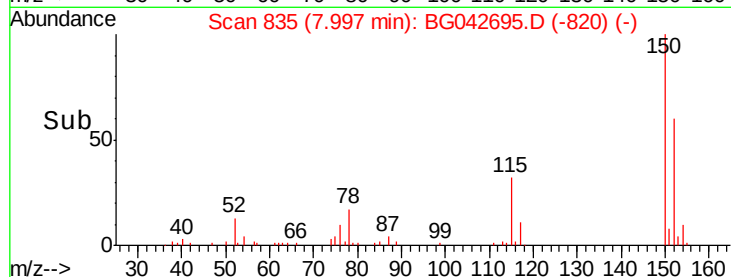
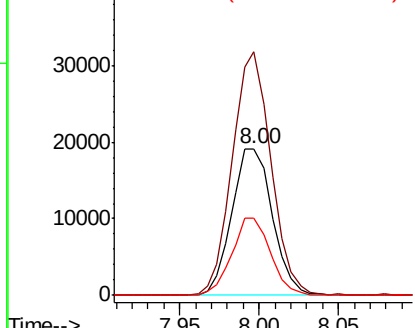
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Instrument :
BNA_G
ClientSampleId :
PAR-E1-E4-(0-3.11)

Tot Ion:152 Resp: 33949
Ion Ratio Lower Upper
152 100
150 165.9 125.4 188.0
115 53.0 38.5 57.7



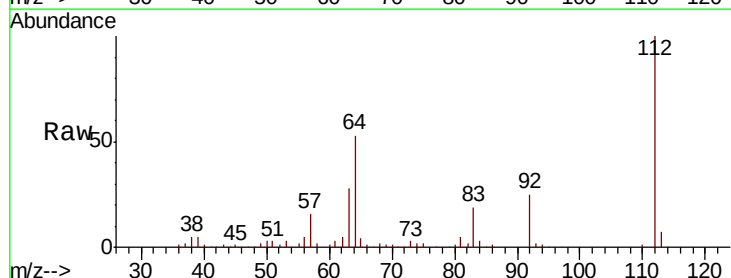
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



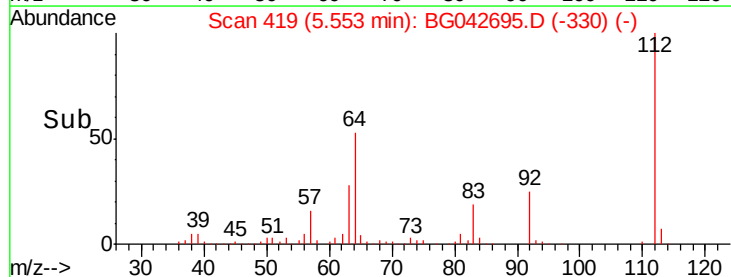
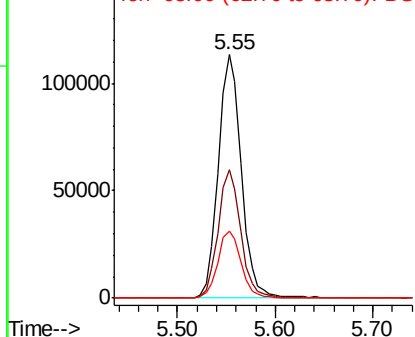
#5

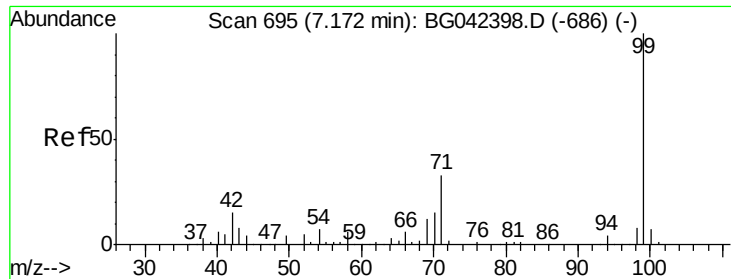
2-Fluorophenol
Concen: 110.579 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:112 Resp: 185359
Ion Ratio Lower Upper
112 100
64 52.6 42.8 64.2
63 27.5 22.7 34.1



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: 109.072 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

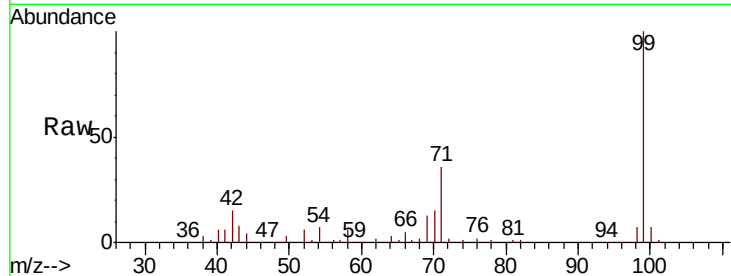
Tot Ion: 99 Resp: 246964

Ion Ratio Lower Upper

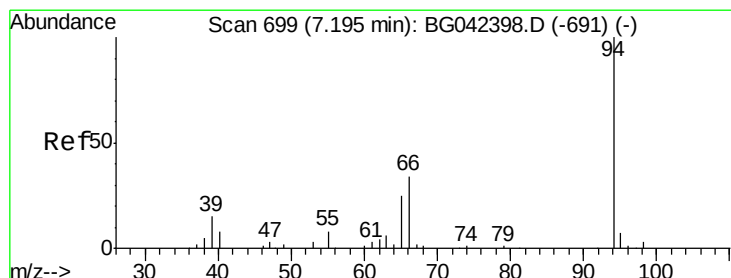
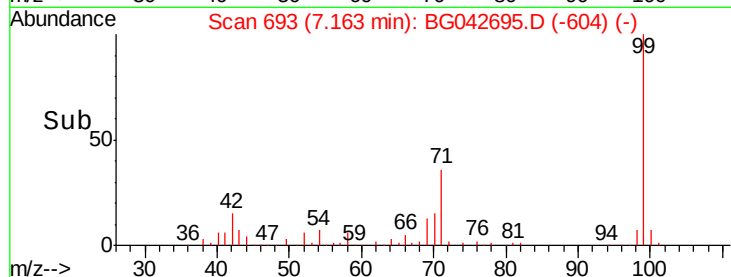
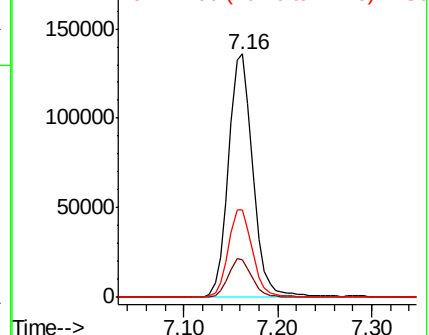
99 100

42 15.2 12.0 18.0

71 35.9 26.3 39.5



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: 3.483 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

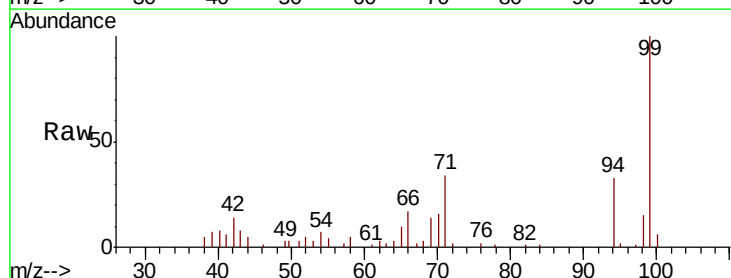
Tgt Ion: 94 Resp: 8019

Ion Ratio Lower Upper

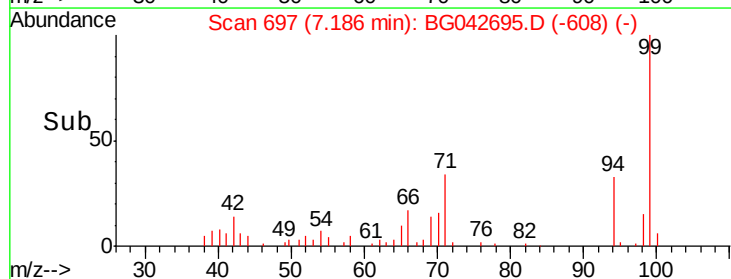
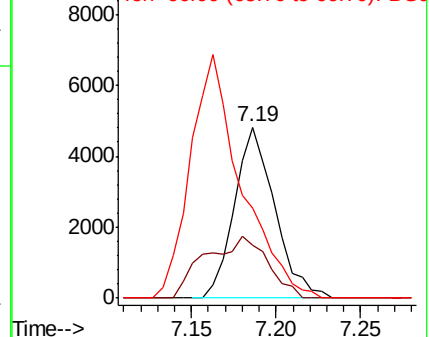
94 100

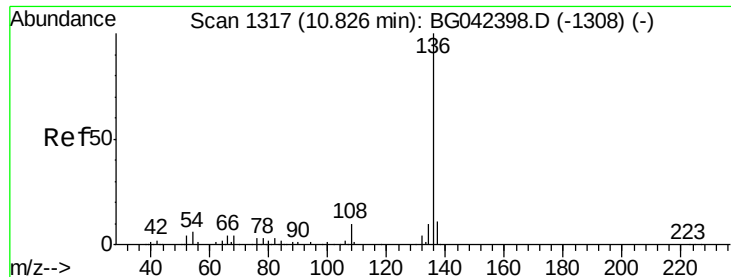
65 31.1 5.6 45.6

66 52.5 16.0 56.0



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

Tot Ion:136 Resp: 133892

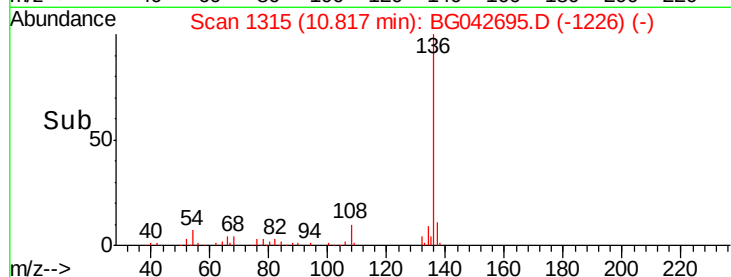
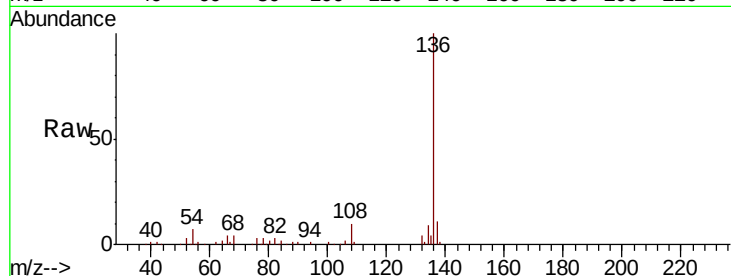
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.5 4.9 7.3

68 4.0 3.6 5.4

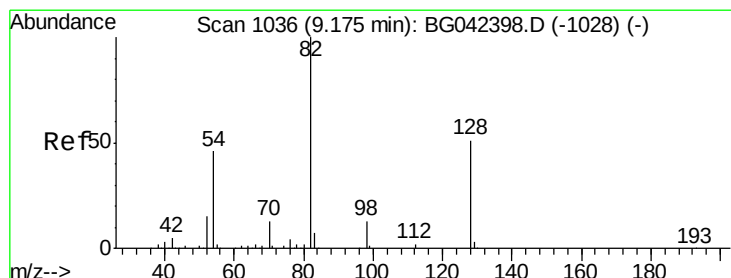
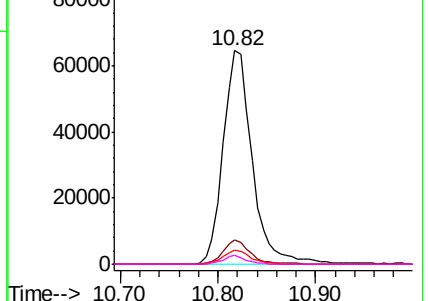


Abundance Ion 136.00 (135.70 to 136.70): E

100000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 72.224 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

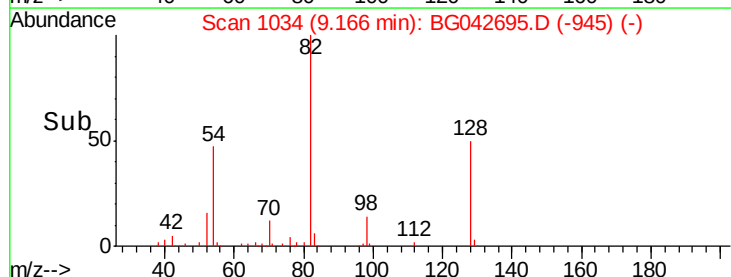
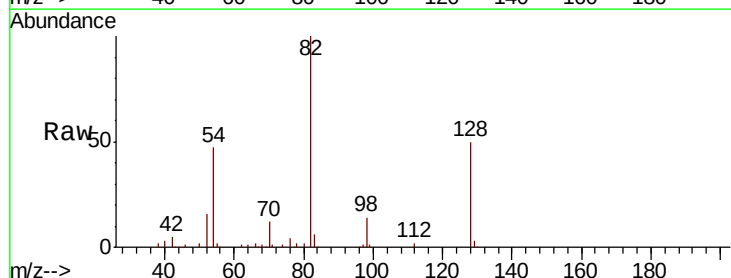
Tgt Ion: 82 Resp: 139938

Ion Ratio Lower Upper

82 100

128 50.1 40.7 61.1

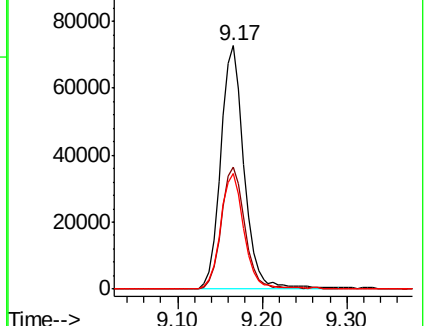
54 47.4 36.3 54.5

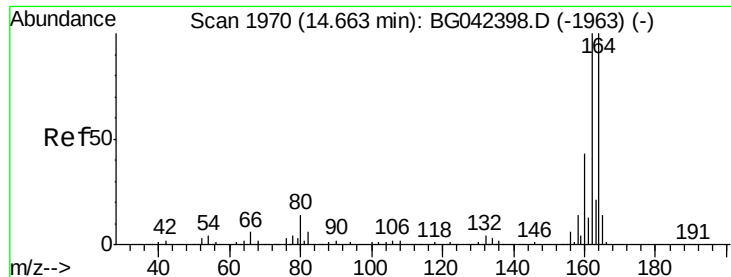


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

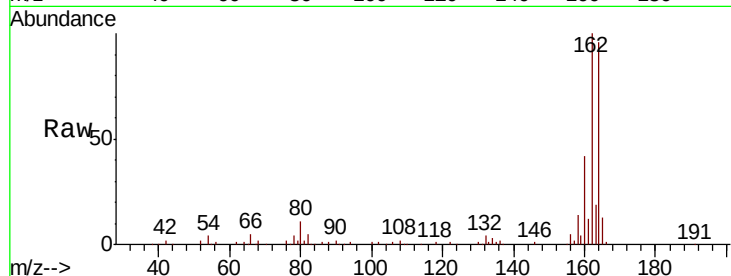
Tot Ion:164 Resp: 104471

Ion Ratio Lower Upper

164 100

162 104.5 79.9 119.9

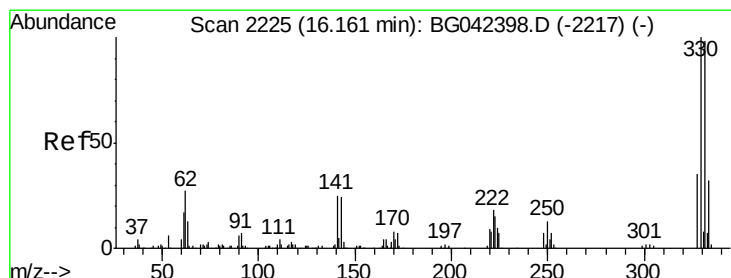
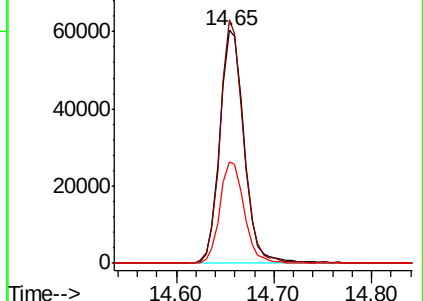
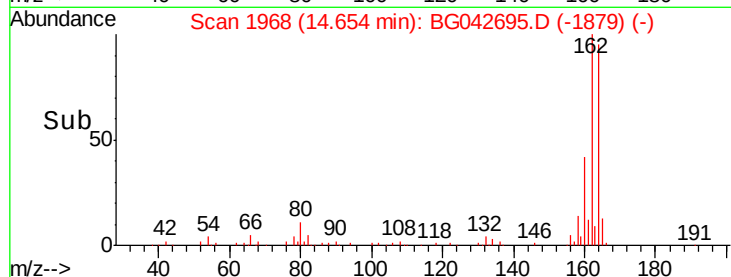
160 43.6 34.3 51.5



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



#42

2,4,6-Tribromophenol

Concen: 115.095 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

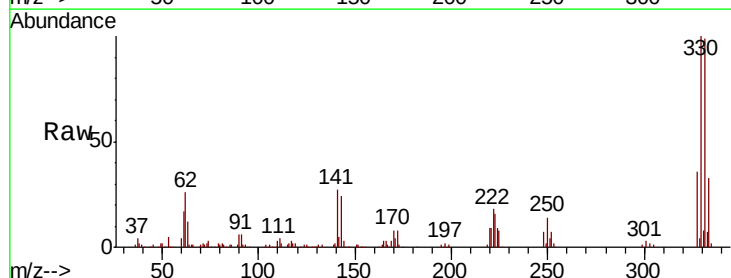
Tgt Ion:330 Resp: 170903

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

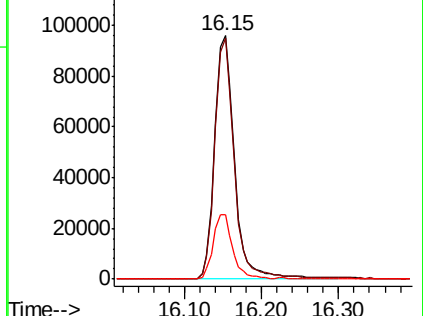
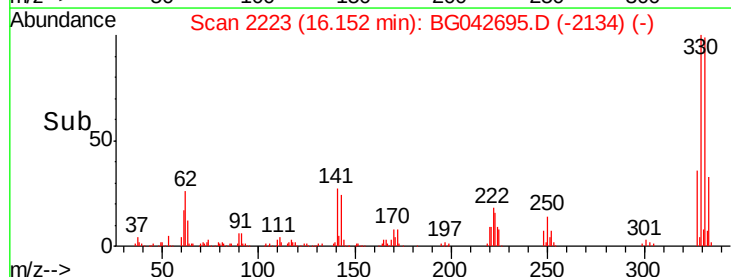
141 26.0 21.4 32.0

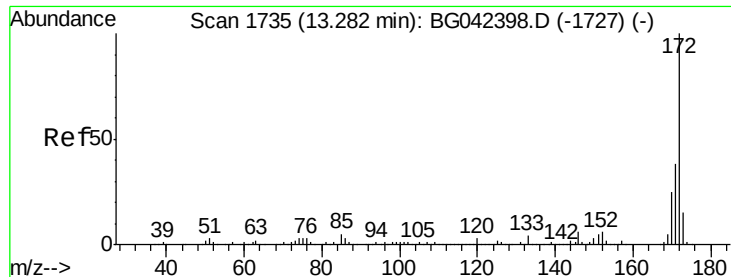


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

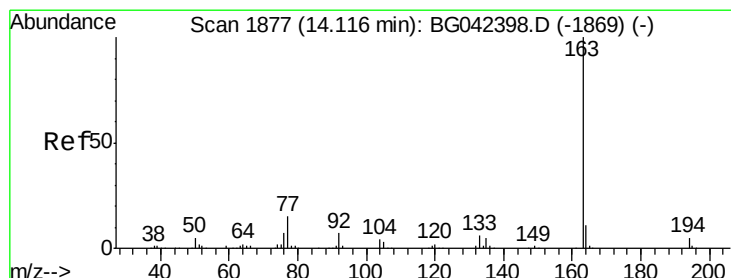
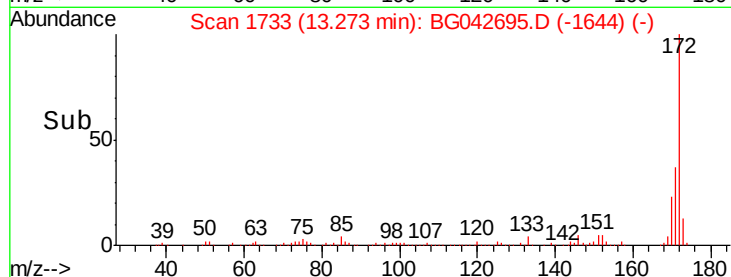
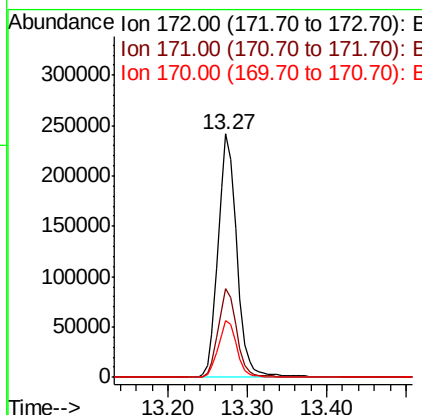
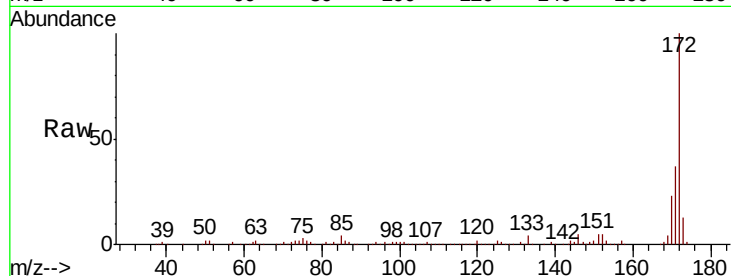




#45
2-Fluorobiphenyl
Concen: 64.576 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

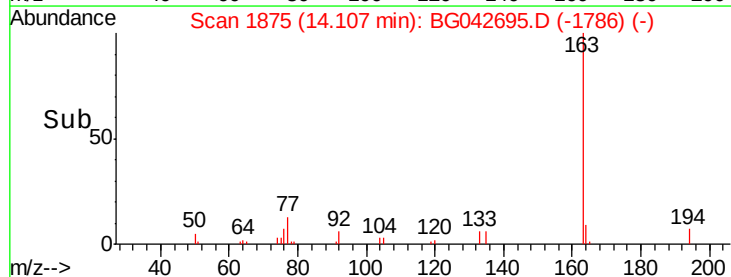
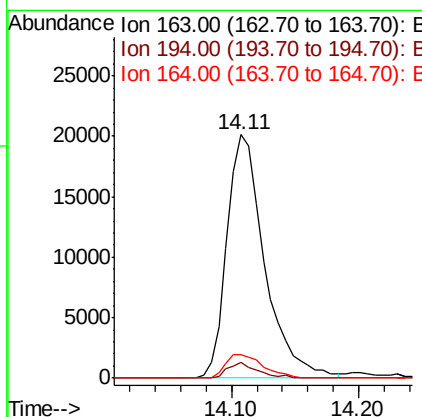
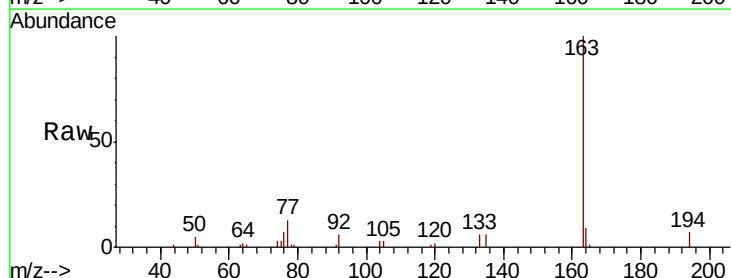
Instrument :
BNA_G
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PAR-E1-E4-(0-3.11)

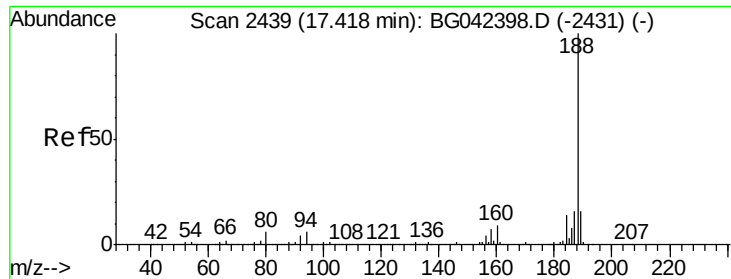
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.1	20.2	30.2



#50
Dimethylphthalate
Concen: 5.499 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	4.2	6.2#
164	9.5	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

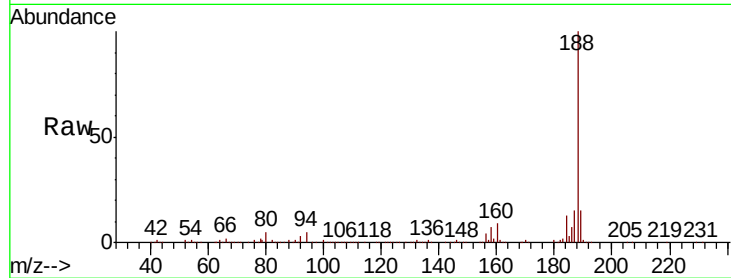
Tot Ion:188 Resp: 239610

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

80 5.3 4.9 7.3



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

200000

150000

100000

50000

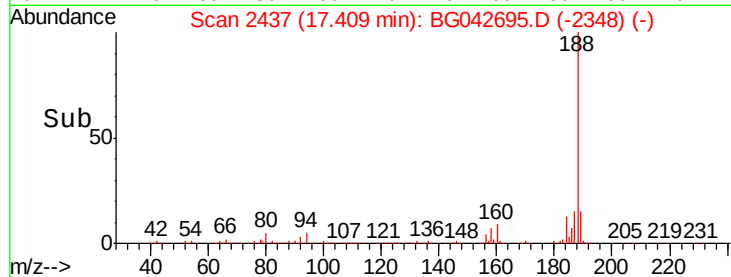
0

17.41

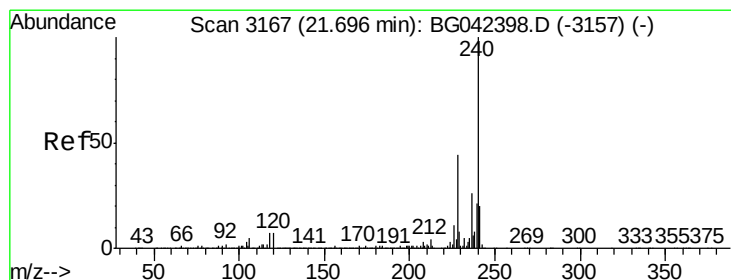
17.30

17.40

17.50



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

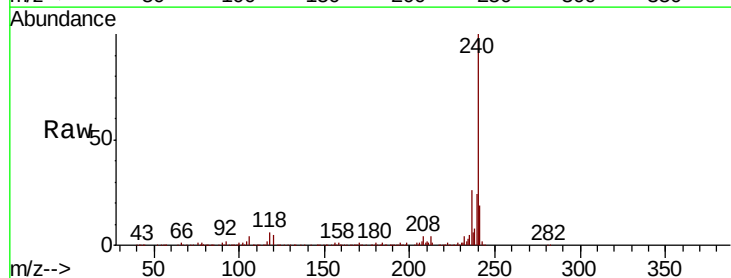
Tgt Ion:240 Resp: 260397

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 26.2 21.0 31.4



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

200000

150000

100000

50000

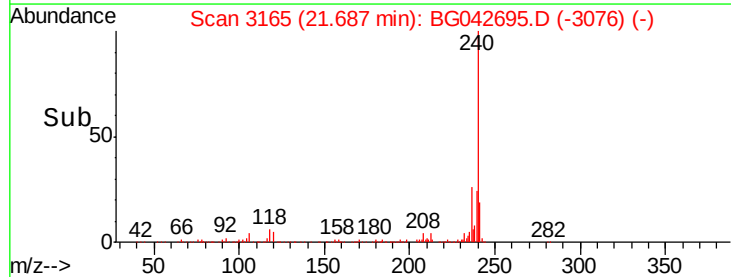
0

21.69

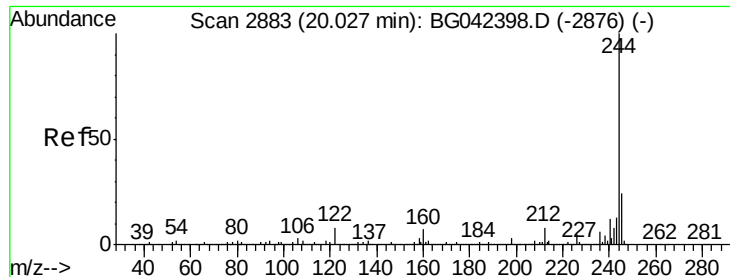
21.60

21.70

21.80



Time-->



#79

Terphenyl-d14

Concen: 61.690 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

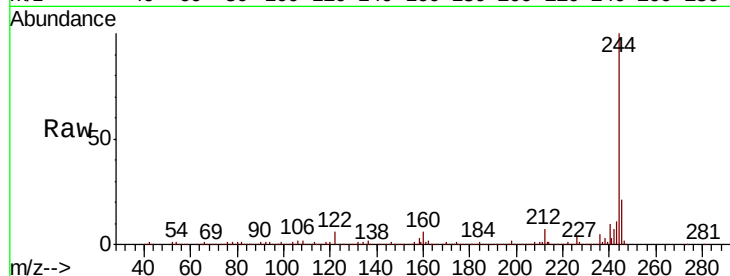
Tot Ion:244 Resp: 743042

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

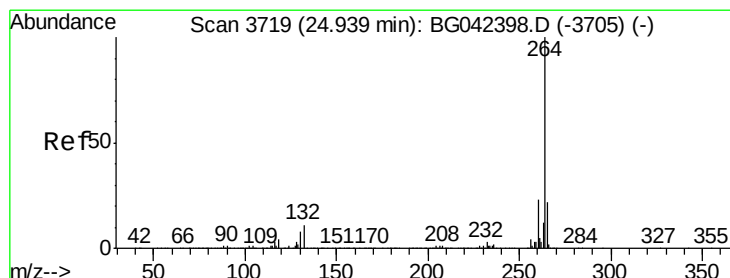
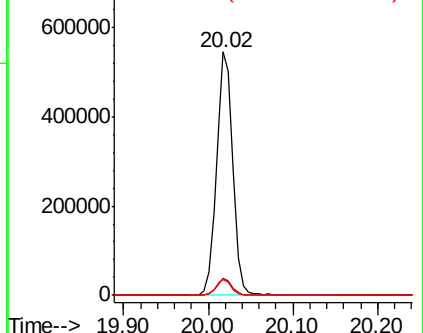
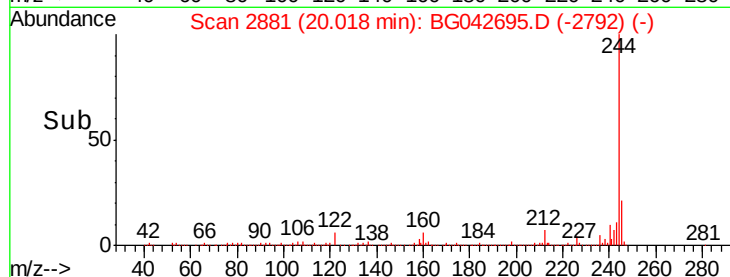
122 6.4 6.7 10.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

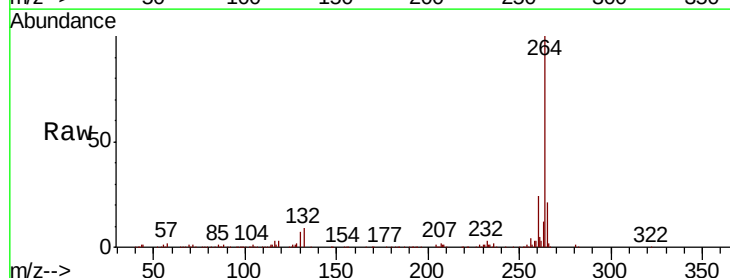
Tgt Ion:264 Resp: 307665

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.1 17.6 26.4



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

