

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043023.D
 Acq On : 4 Oct 2019 3:44
 Operator : JU
 Sample : K5181-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-3-ABCD

Quant Time: Oct 04 07:46:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

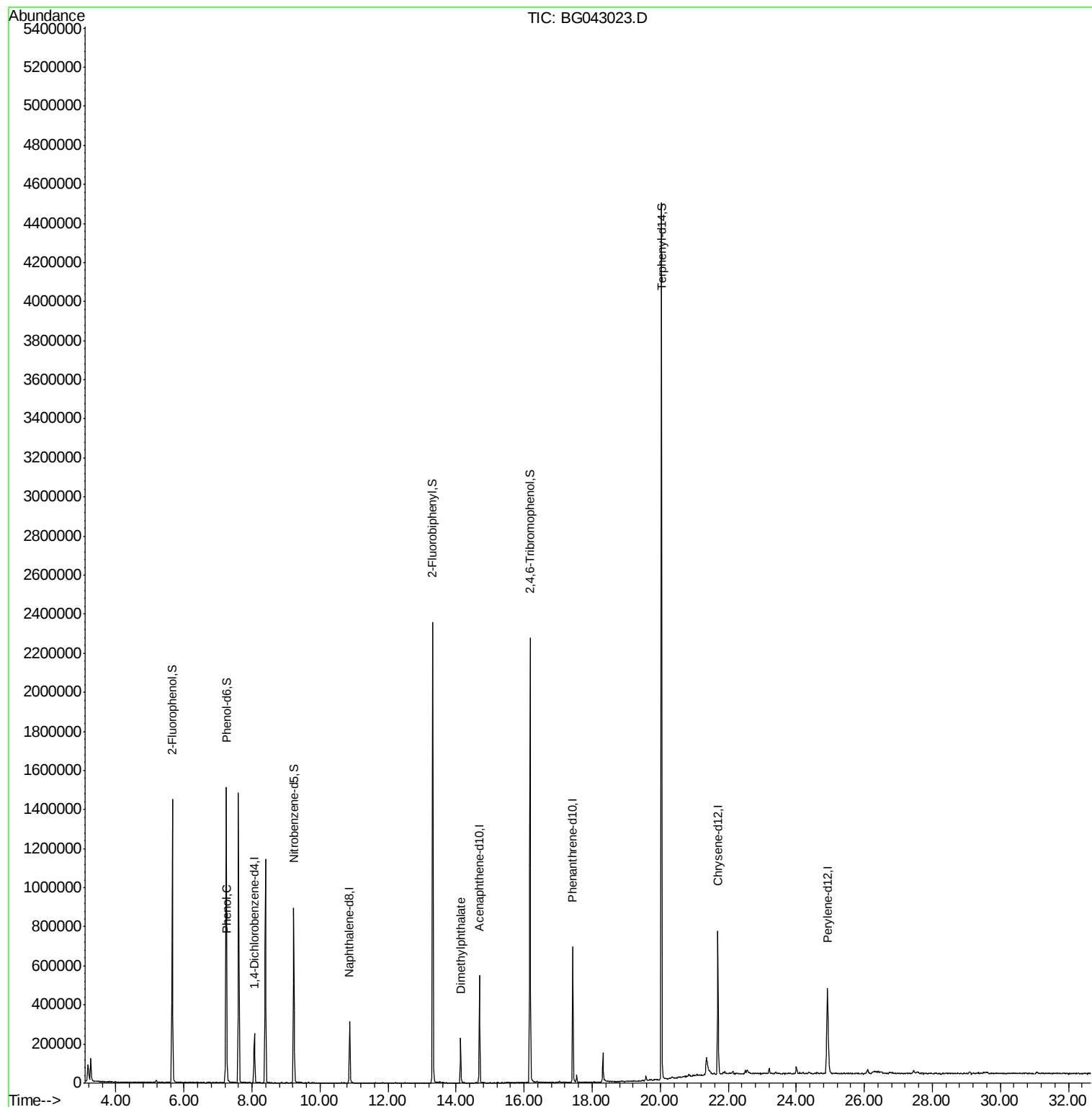
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73760	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	268926	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	193998	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	436618	20.00	ng	0.00
76) Chrysene-d12	21.69	240	452065	20.00	ng	-0.02
87) Perylene-d12	24.92	264	525444	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	614533	148.69	ng	0.00
7) Phenol-d6	7.24	99	887391	149.09	ng	0.00
23) Nitrobenzene-d5	9.23	82	568188	102.69	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	477113	143.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1309578	97.86	ng	-0.02
79) Terphenyl-d14	20.04	244	2103792	99.17	ng	0.00
Target Compounds						
10) Phenol	7.26	94	20802	3.809	ng	83
50) Dimethylphthalate	14.13	163	161625	11.119	ng	97

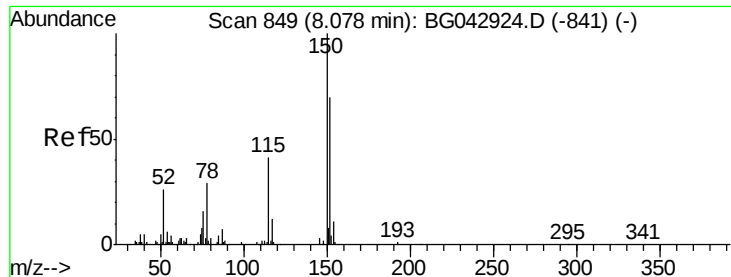
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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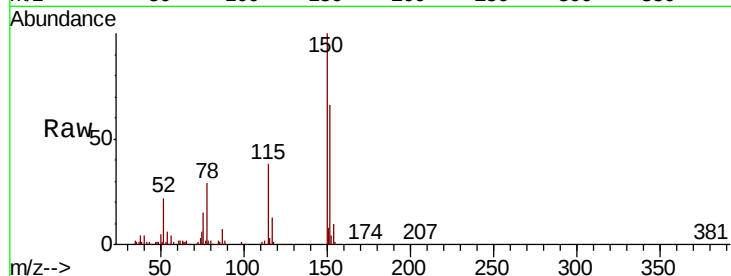


#1

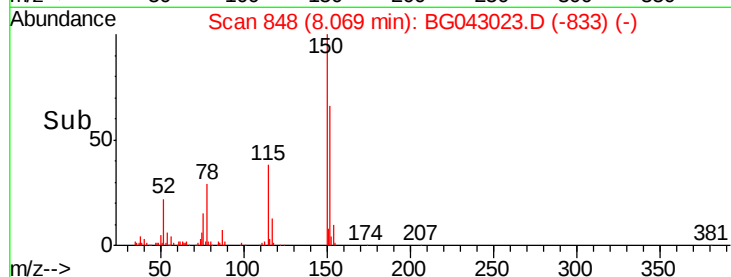
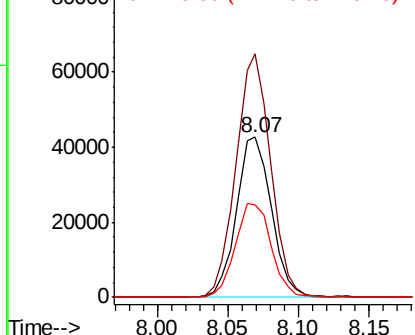
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-3-ABCD

Tot Ion:152 Resp: 73760
Ion Ratio Lower Upper
152 100
150 151.9 115.0 172.4
115 58.0 47.0 70.6



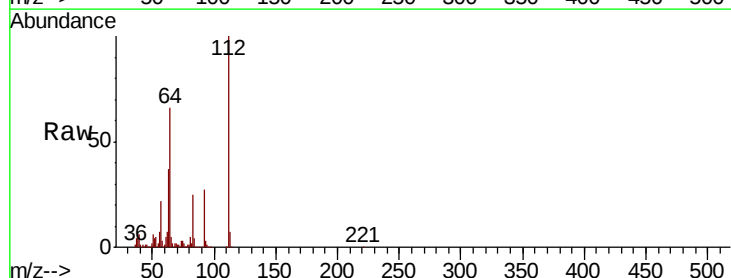
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



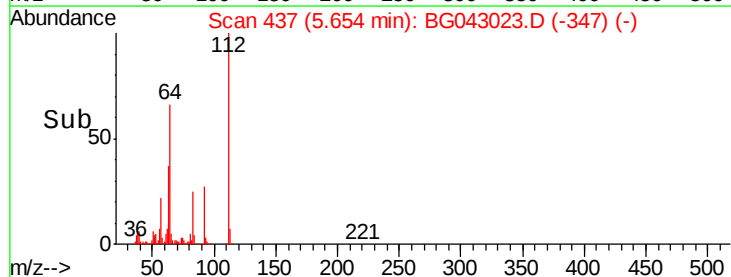
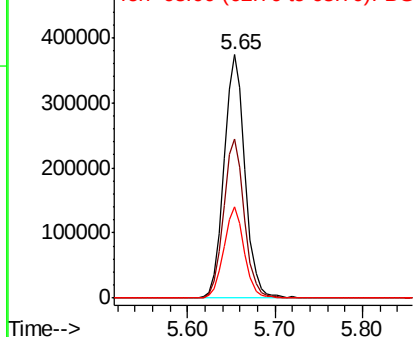
#5

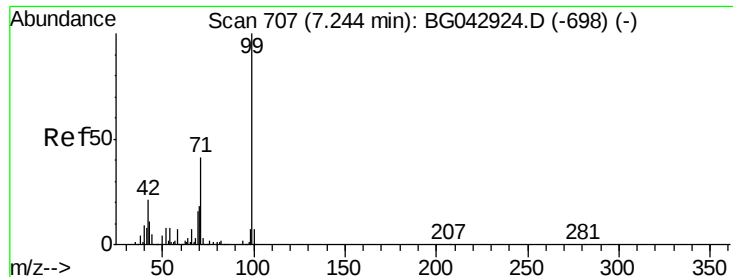
2-Fluorophenol
Concen: 148.686 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

Tgt Ion:112 Resp: 614533
Ion Ratio Lower Upper
112 100
64 65.6 56.6 84.8
63 37.3 35.1 52.7



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: 149.094 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-3-ABCD

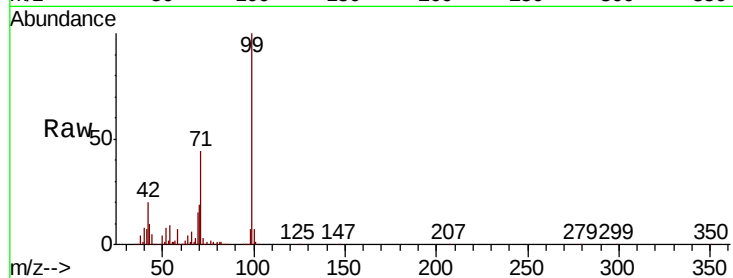
Tot Ion: 99 Resp: 887391

Ion Ratio Lower Upper

99 100

42 19.6 17.2 25.8

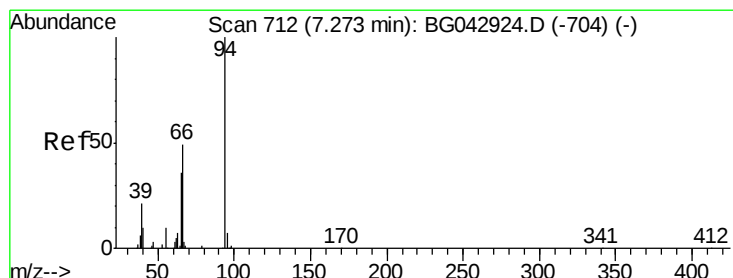
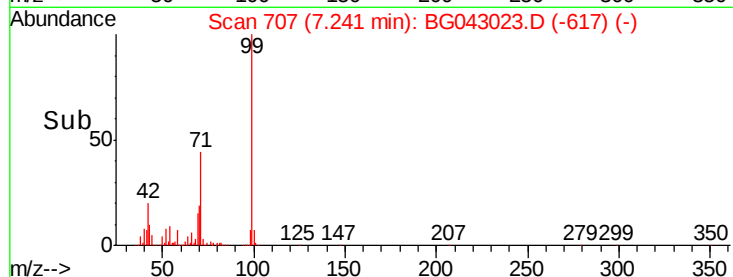
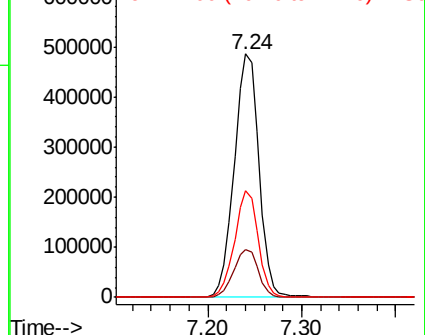
71 43.8 33.1 49.7



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: 3.809 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

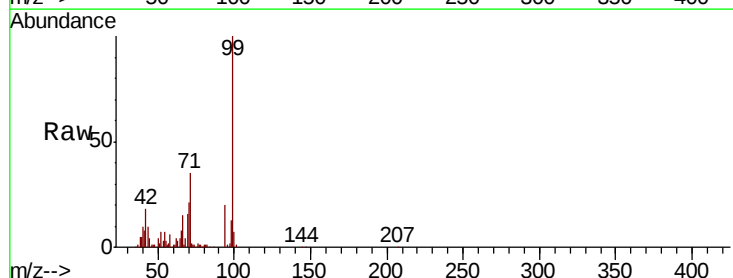
Tgt Ion: 94 Resp: 20802

Ion Ratio Lower Upper

94 100

65 38.3 16.6 56.6

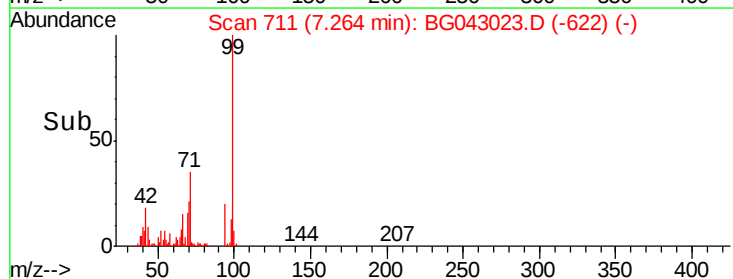
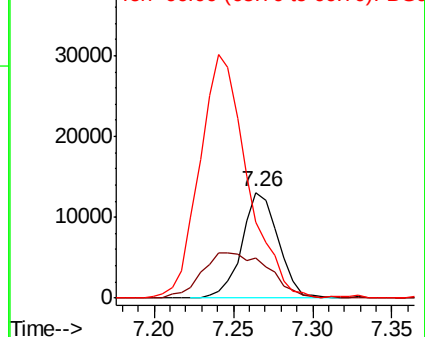
66 71.1 32.4 72.4

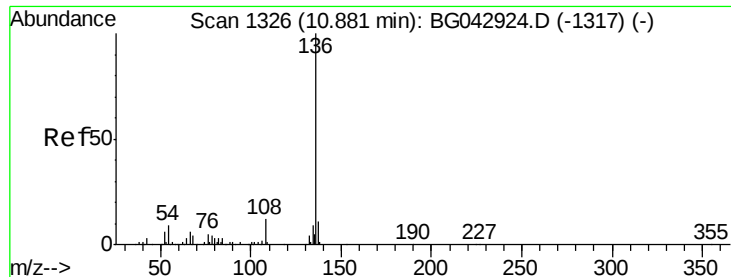


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

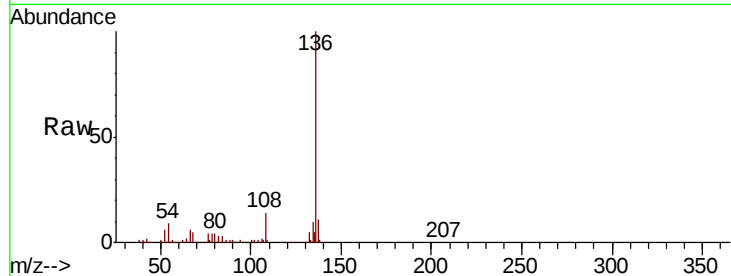




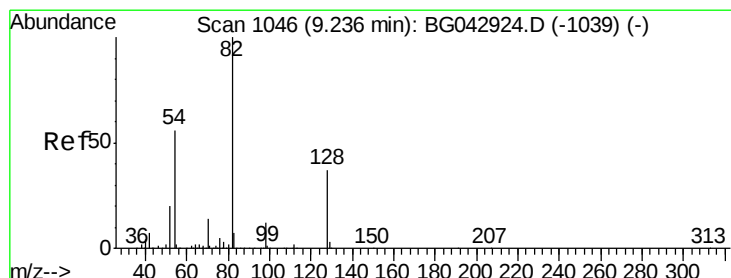
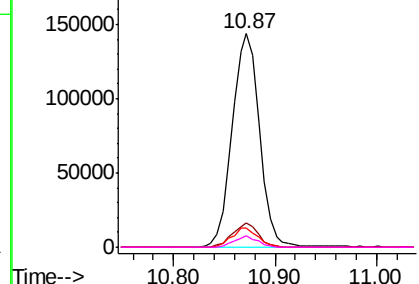
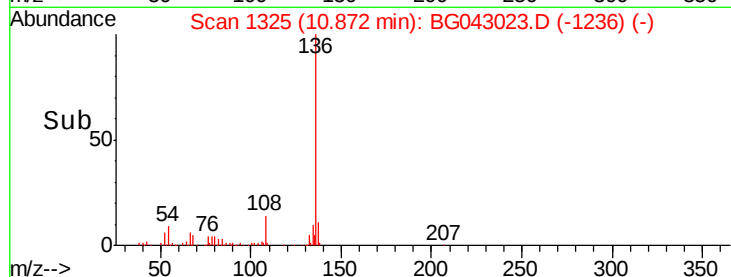
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-3-ABCD

Tot Ion:136	Resp:	268926
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	8.8	7.4 11.2
68	5.2	3.6 5.4

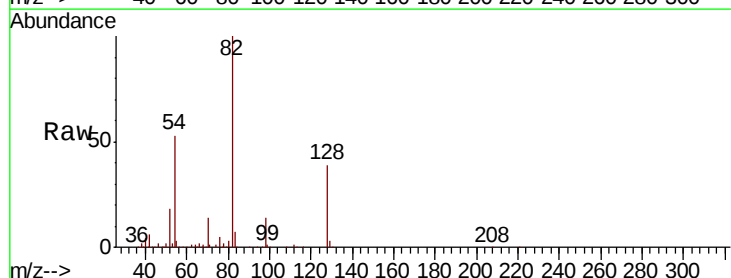


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

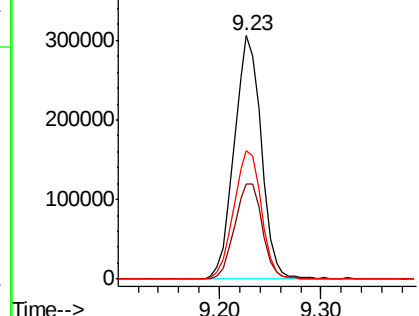
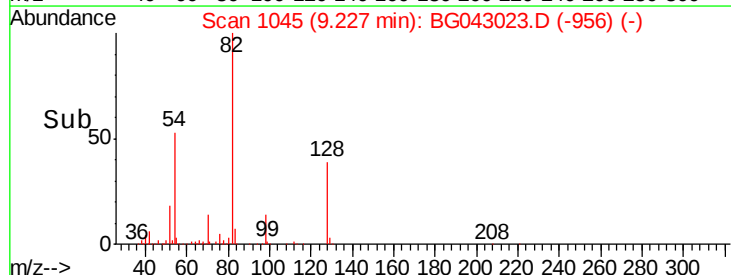


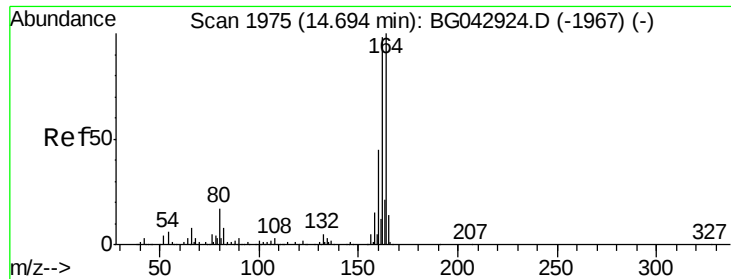
#23
Nitrobenzene-d5
Concen: 102.693 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

Tgt Ion: 82	Resp:	568188
Ion Ratio	Lower	Upper
82	100	
128	39.3	29.5 44.3
54	52.9	44.6 67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-3-ABCD

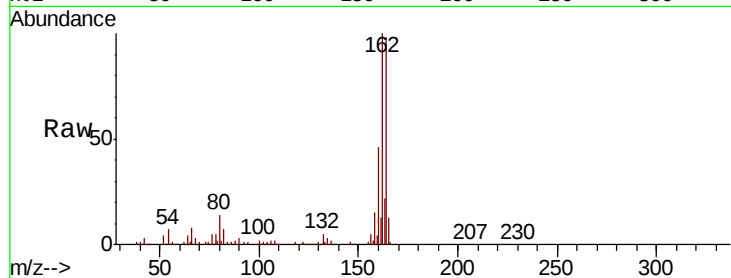
Tot Ion:164 Resp: 193998

Ion Ratio Lower Upper

164 100

162 102.5 78.5 117.7

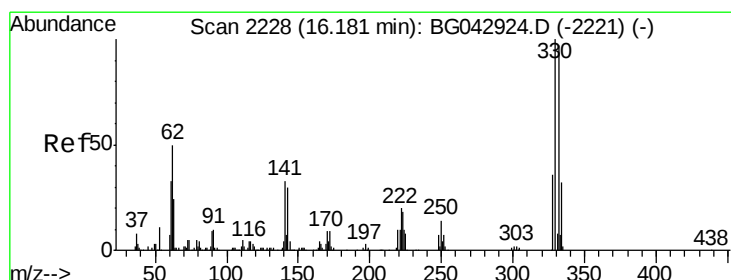
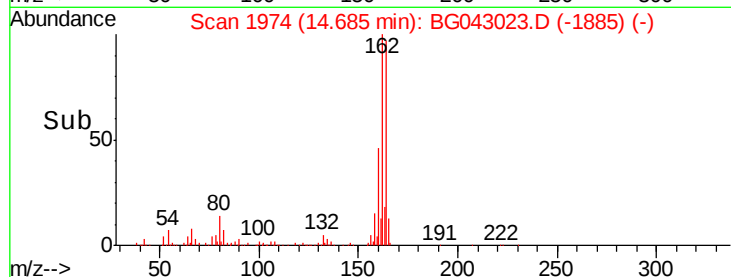
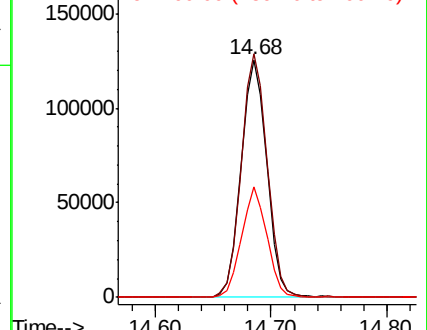
160 46.7 35.9 53.9



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: 143.023 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

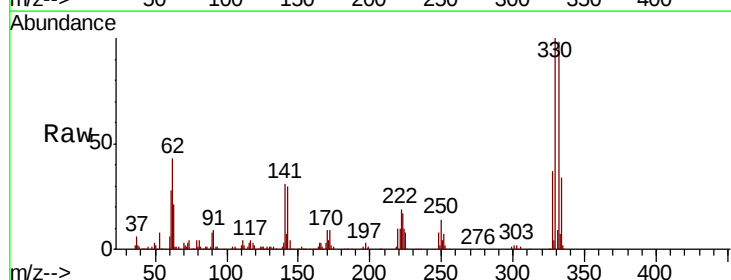
Tgt Ion:330 Resp: 477113

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.2

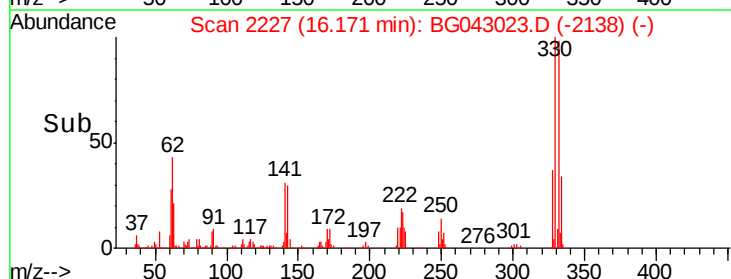
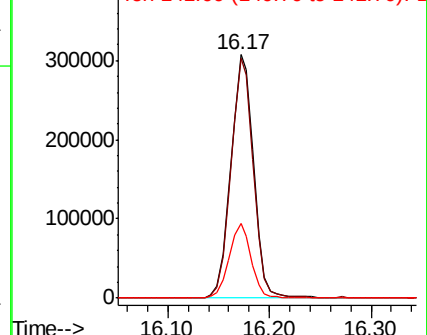
141 29.5 26.0 39.0

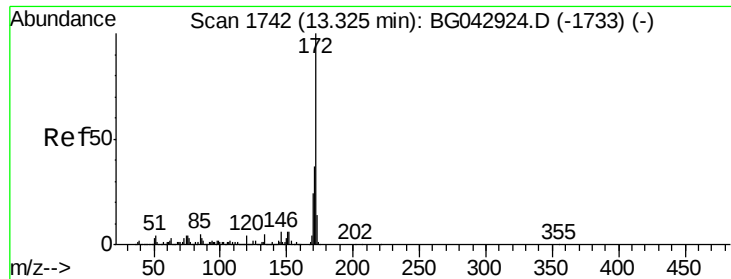


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

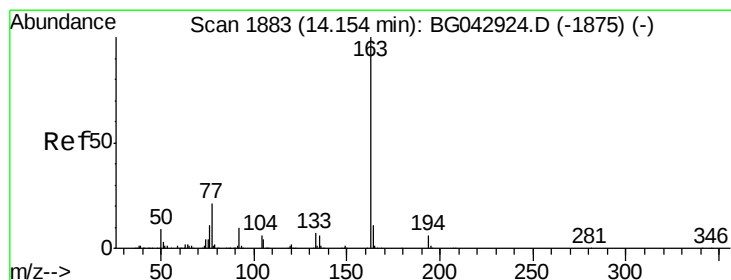
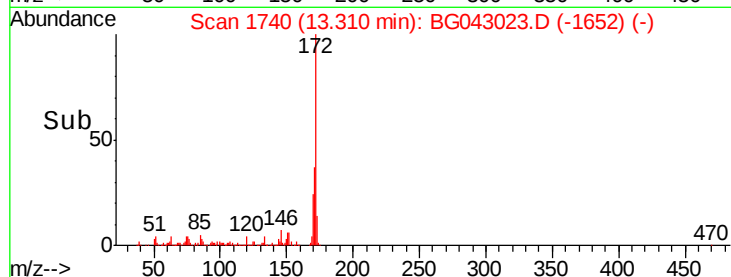
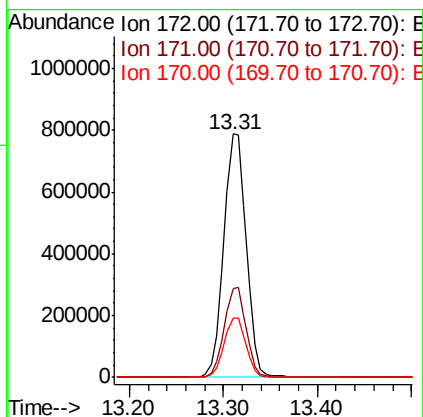
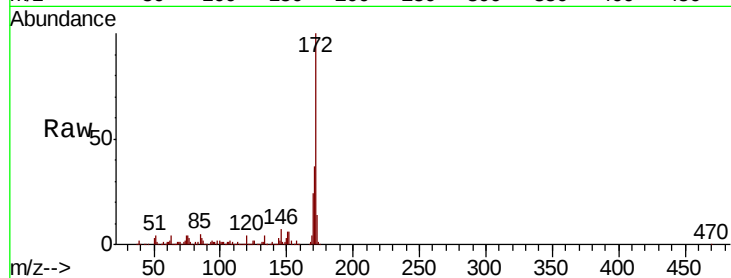




#45
2-Fluorobiphenyl
Concen: 97.861 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.02 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

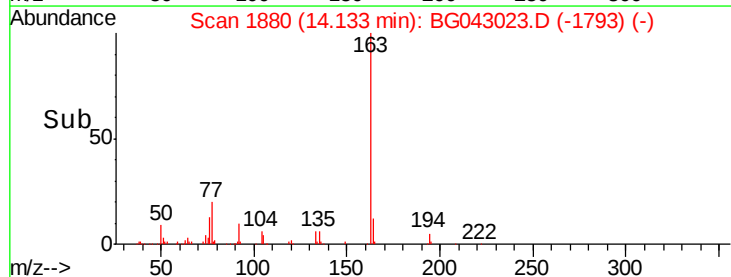
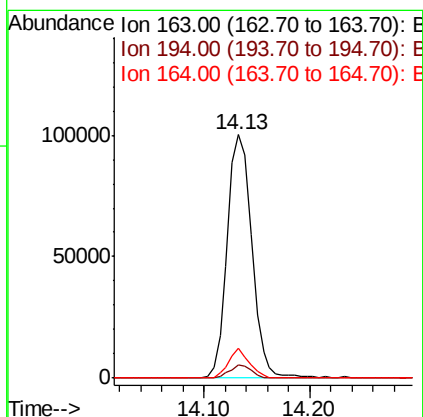
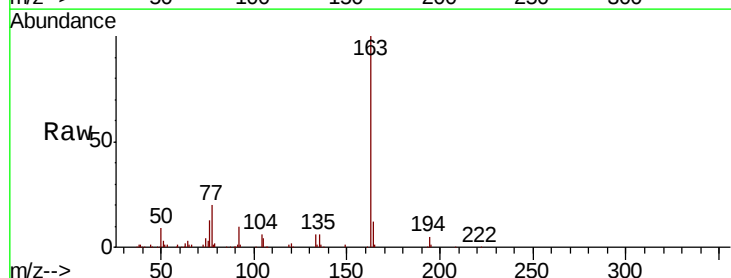
Instrument :
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SOUTH-AVENUE-3-ABCD

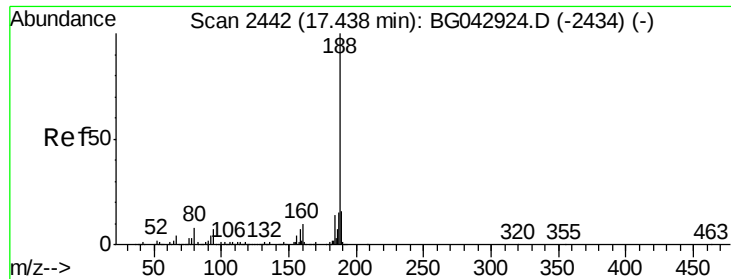
Tot Ion:172 Resp: 1309578
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.6 29.4



#50
Dimethylphthalate
Concen: 11.119 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043023.D
Acq: 4 Oct 2019 3:44

Tgt Ion:163 Resp: 161625
Ion Ratio Lower Upper
163 100
194 5.5 4.4 6.6
164 12.2 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-3-ABCD

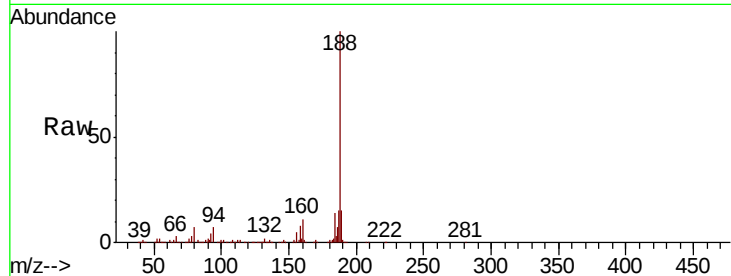
Tot Ion:188 Resp: 436618

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

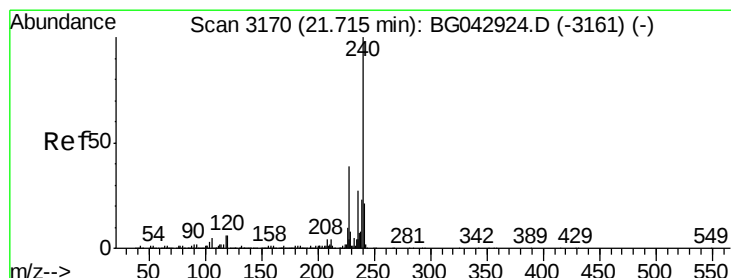
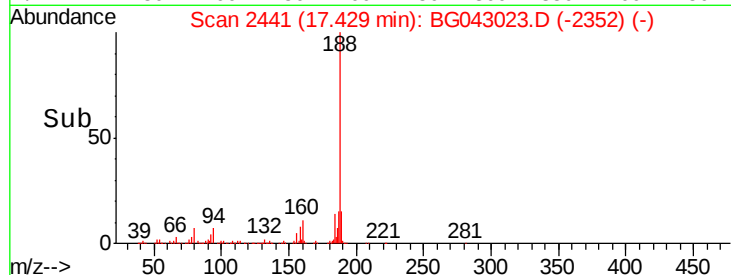
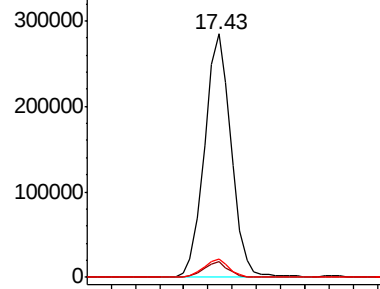
80 7.3 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

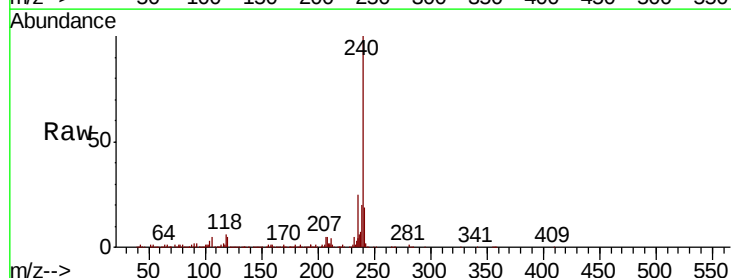
Tgt Ion:240 Resp: 452065

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

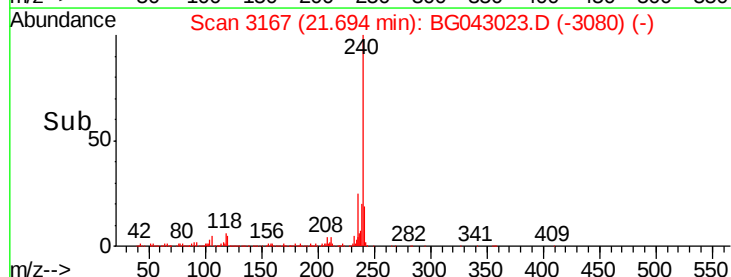
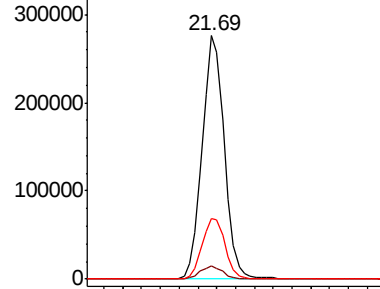
236 24.8 21.4 32.0

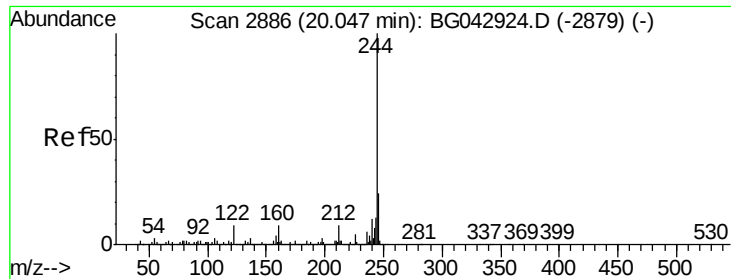


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.166 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

Instrument :

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SOUTH-AVENUE-3-ABCD

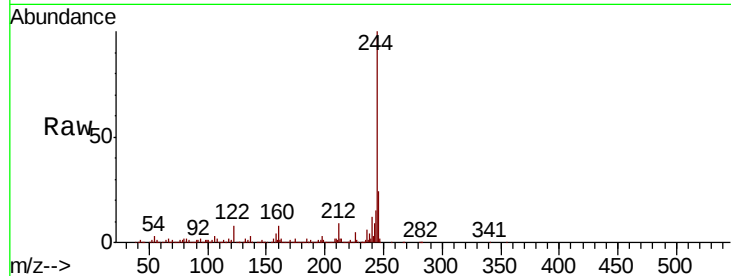
Tot Ion:244 Resp: 2103792

Ion Ratio Lower Upper

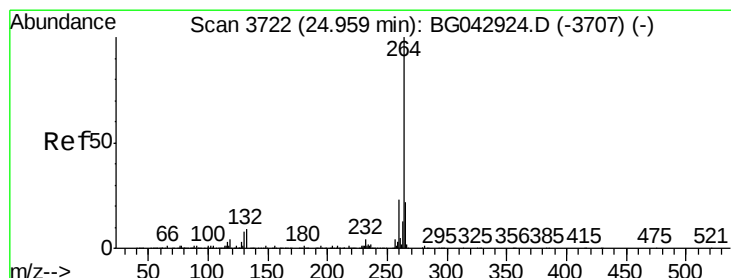
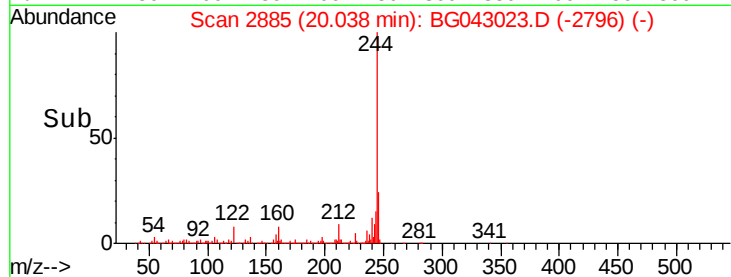
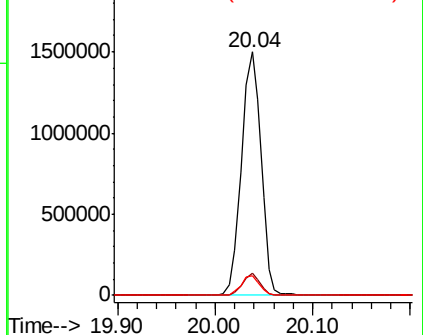
244 100

212 9.0 7.4 11.0

122 8.2 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG043023.D

Acq: 4 Oct 2019 3:44

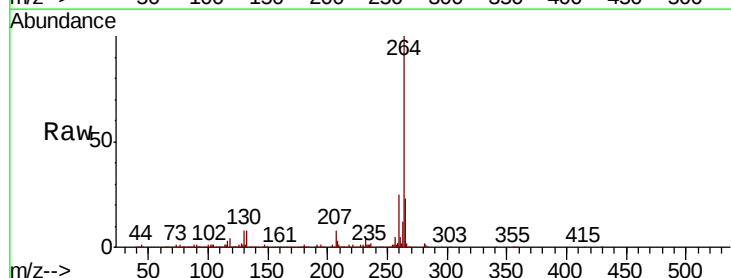
Tgt Ion:264 Resp: 525444

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 23.0 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

