

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
 Data File : BG046660.D
 Acq On : 17 Sep 2020 13:29
 Operator : CG/JU
 Sample : L3863-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Quant Time: Sep 17 14:32:04 2020
 Quant Title :
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

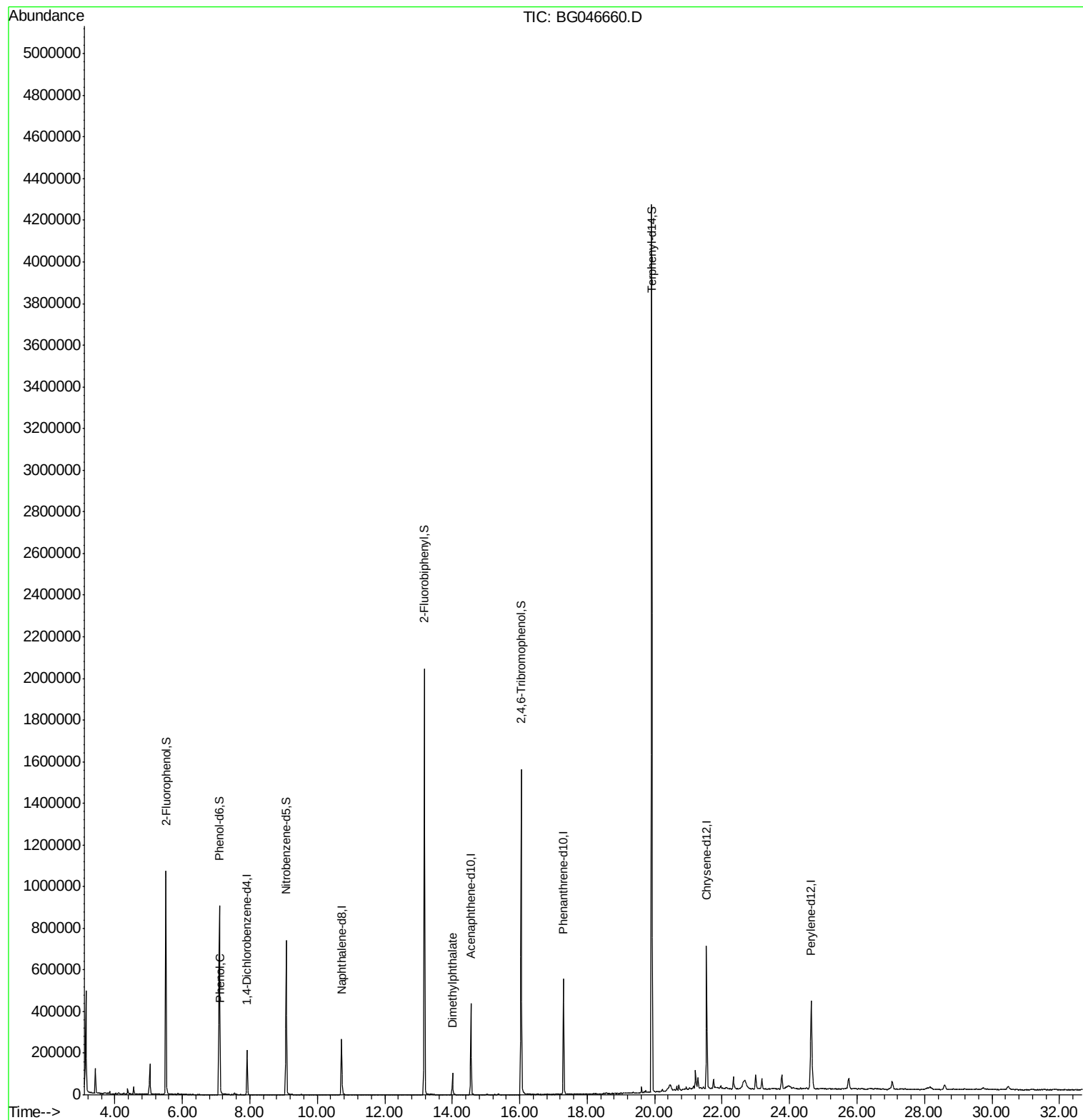
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66366	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	252463	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	162768	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	390546	20.00	ng	0.00
76) Chrysene-d12	21.54	240	449964	20.00	ng	0.00
86) Perylene-d12	24.64	264	452213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	508599	135.74	ng	0.00
7) Phenol-d6	7.10	99	585201	110.17	ng	0.00
23) Nitrobenzene-d5	9.08	82	481873	109.09	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	325409	147.55	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1165039	109.27	ng	0.00
79) Terphenyl-d14	19.91	244	1937545	91.64	ng	0.00
Target Compounds						
10) Phenol	7.12	94	11376	2.325	ng	76
50) Dimethylphthalate	14.01	163	88701	7.044	ng	98

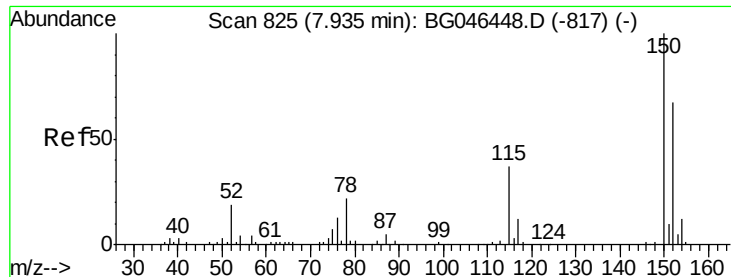
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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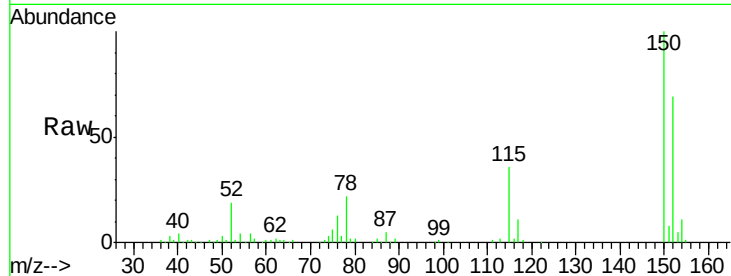


#1

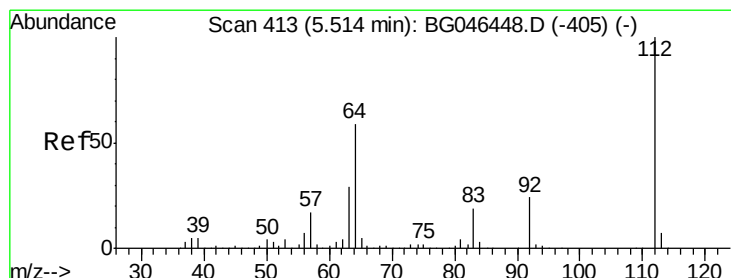
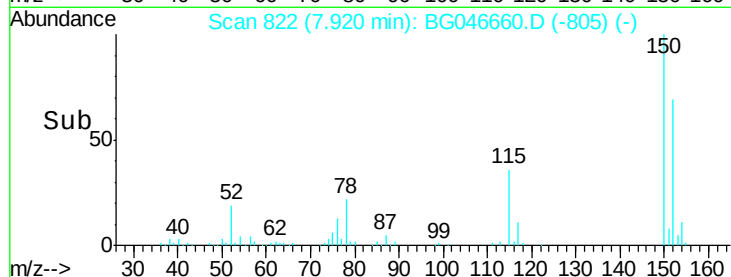
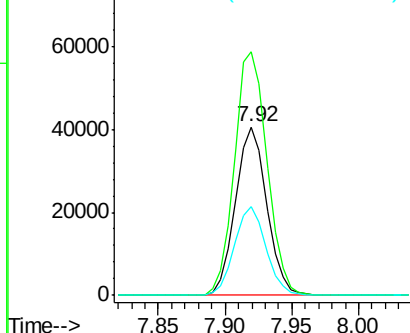
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion:152 Resp: 66366
 Ion Ratio Lower Upper
 152 100
 150 144.4 125.0 187.6
 115 52.5 41.8 62.6



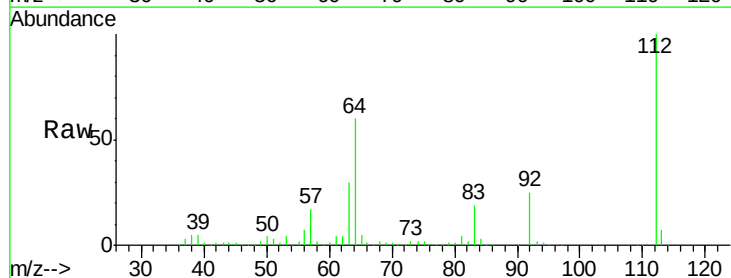
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



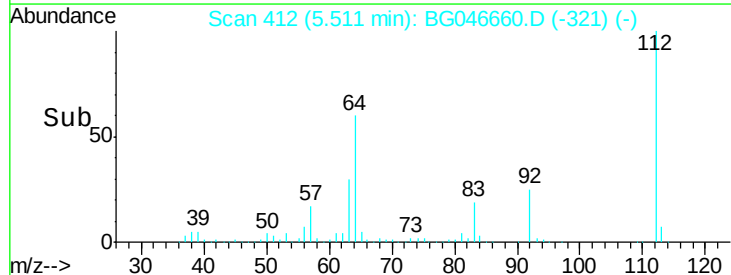
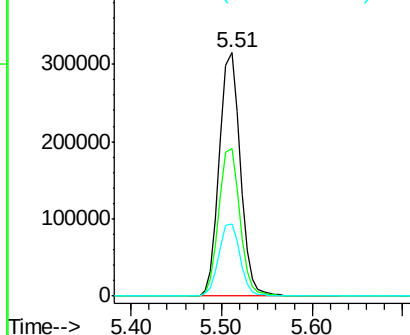
#5

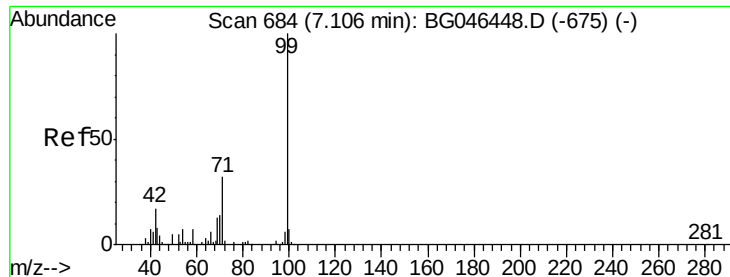
2-Fluorophenol
 Concen: 135.736 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Tgt Ion:112 Resp: 508599
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.7 70.1
 63 29.8 22.8 34.2



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: 110.171 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

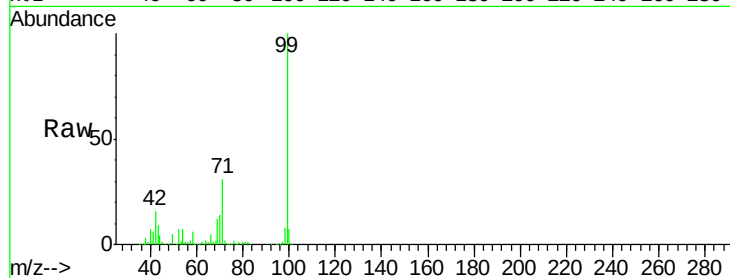
Tot Ion: 99 Resp: 585201

Ion Ratio Lower Upper

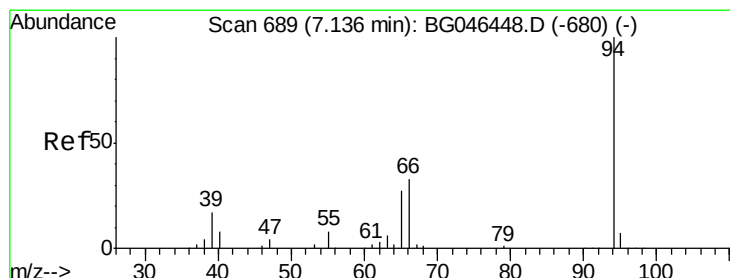
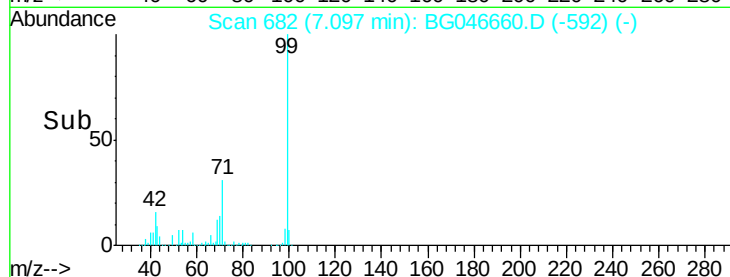
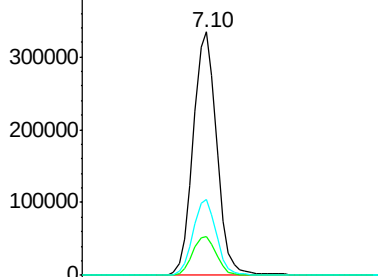
99 100

42 16.2 12.8 19.2

71 31.3 24.6 36.8



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: 2.325 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

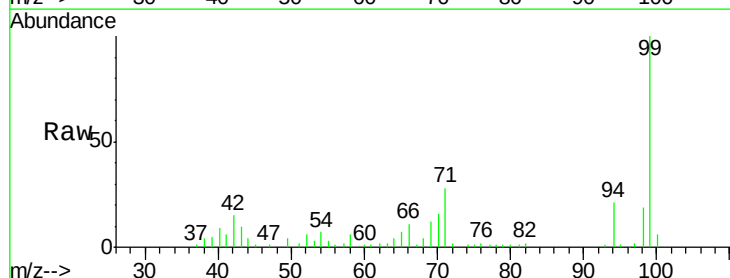
Tgt Ion: 94 Resp: 11376

Ion Ratio Lower Upper

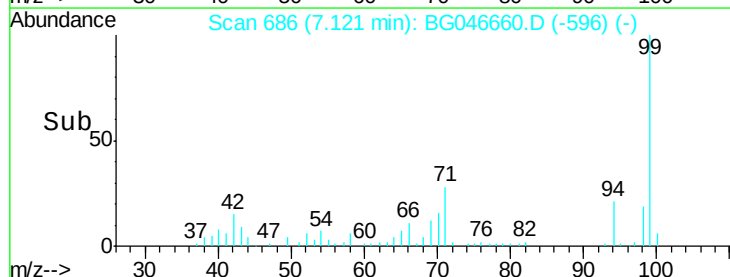
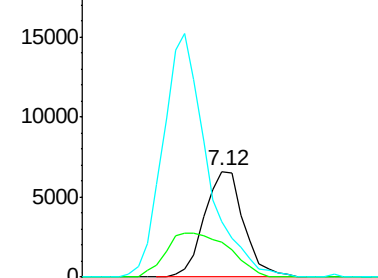
94 100

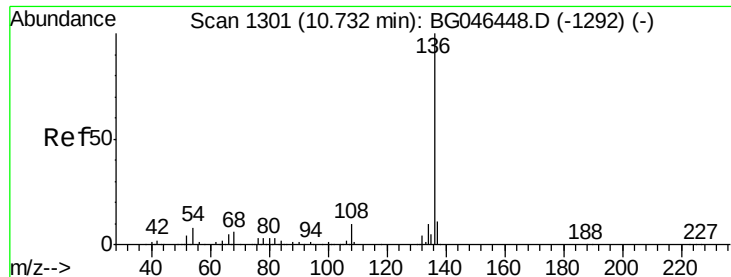
65 33.7 6.6 46.6

66 52.1 13.9 53.9



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

Tot Ion:136 Resp: 252463

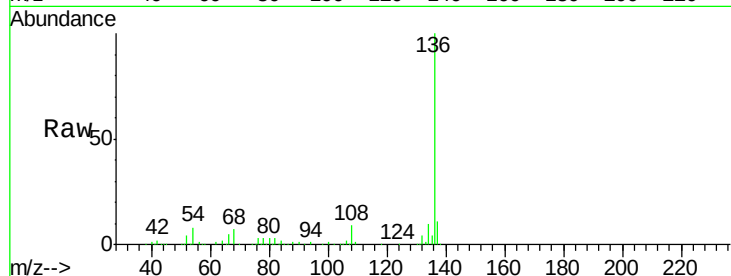
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.7 6.2 9.4

68 6.8 5.0 7.4

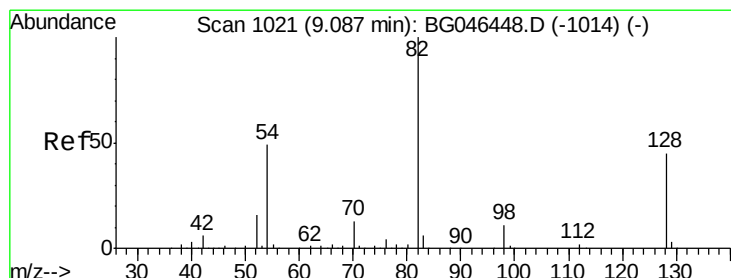
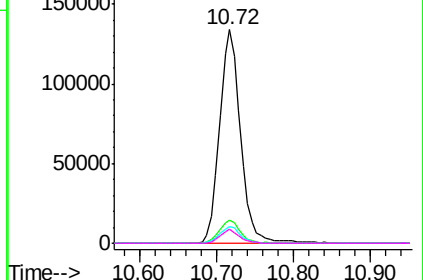
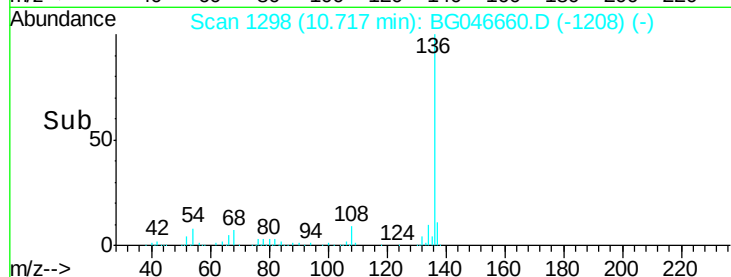


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.091 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

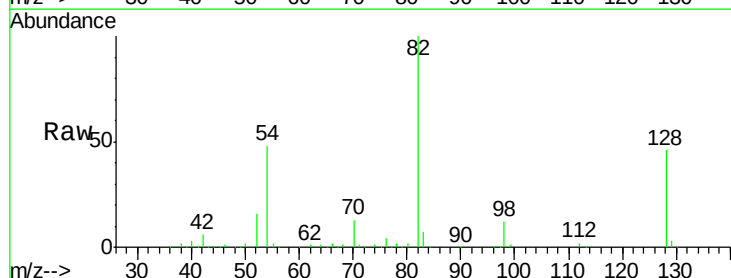
Tgt Ion: 82 Resp: 481873

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

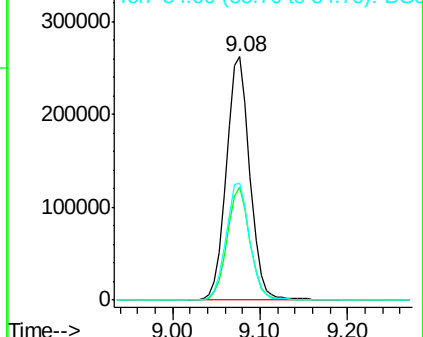
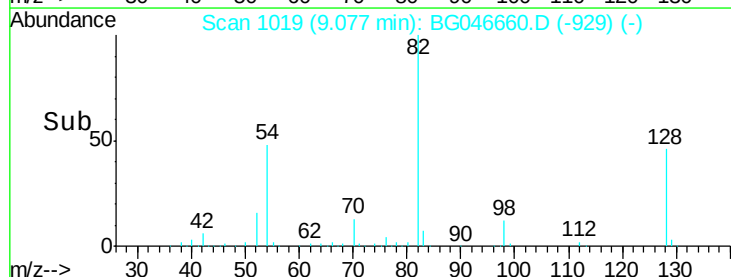
54 48.1 39.0 58.4

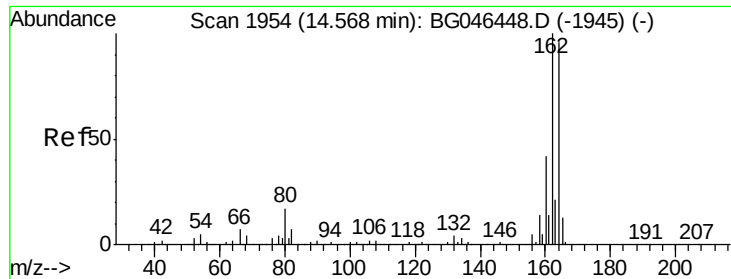


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

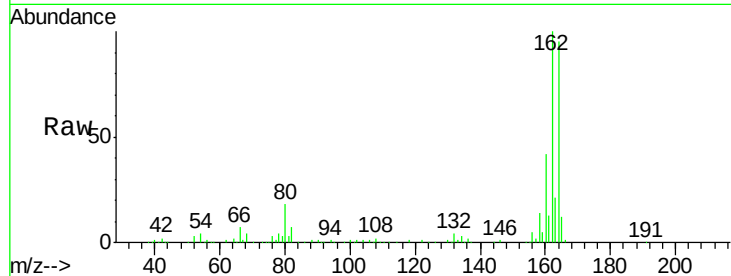




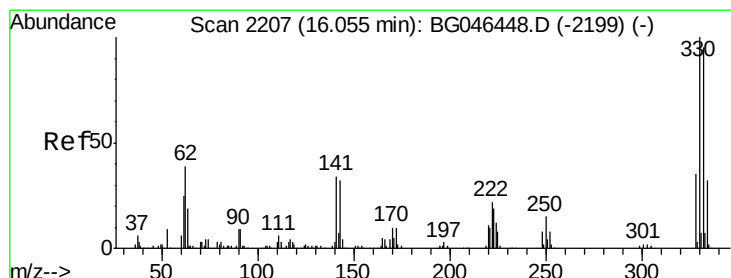
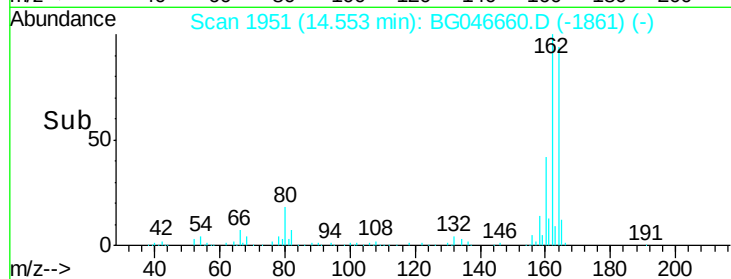
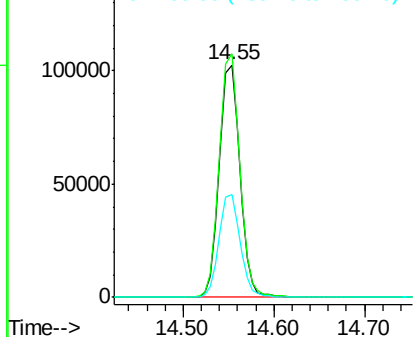
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion:164 Resp: 162768
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.3 123.5
 160 44.2 35.3 52.9

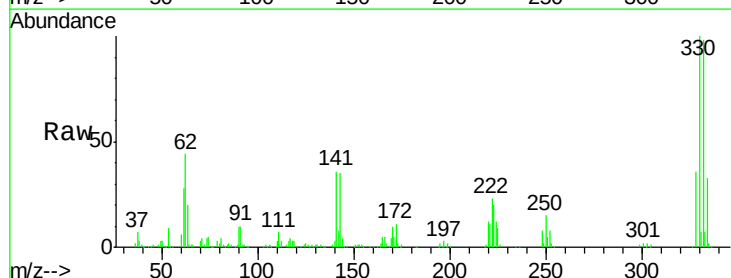


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

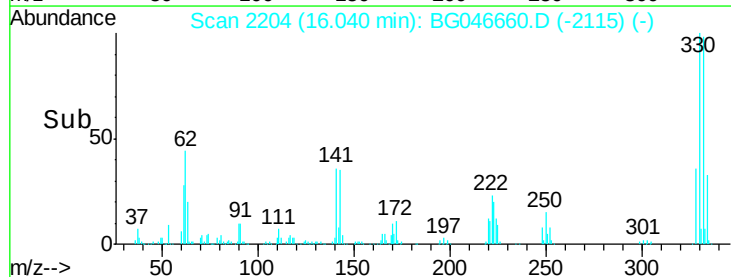
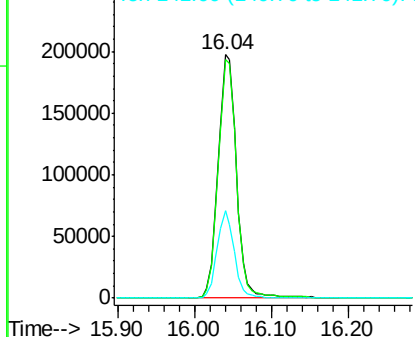


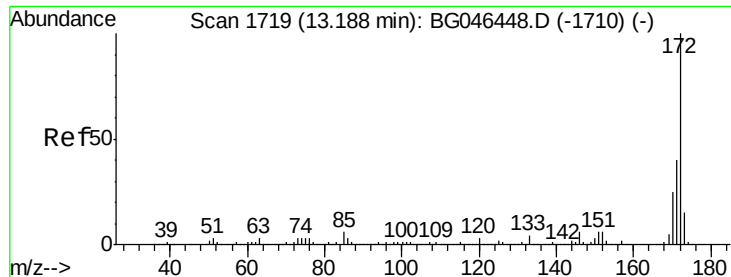
#42
 2,4,6-Tribromophenol
 Concen: 147.551 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG046660.D
 Acq: 17 Sep 2020 13:29

Tgt Ion:330 Resp: 325409
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.5 114.7
 141 33.8 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

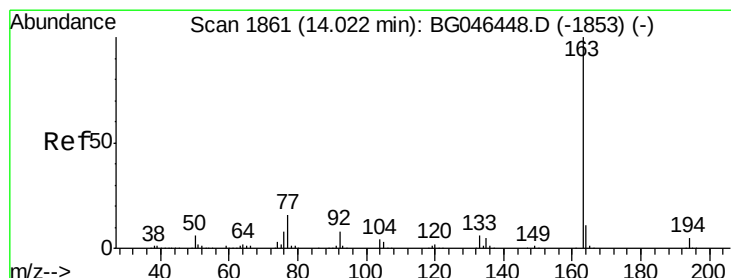
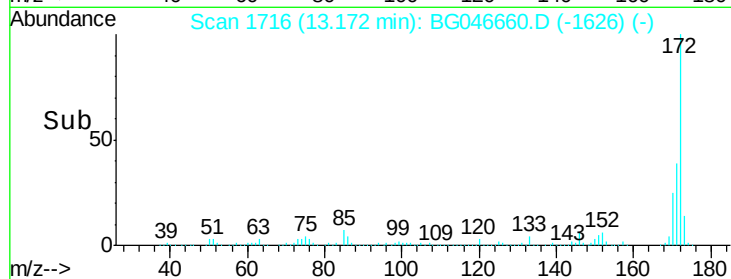
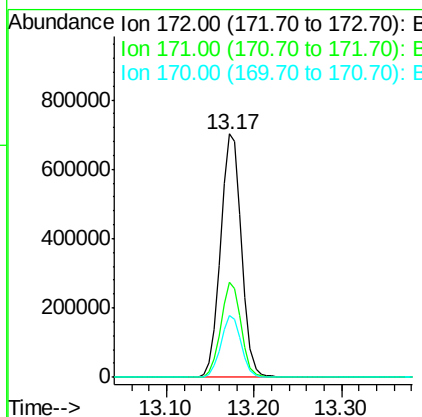
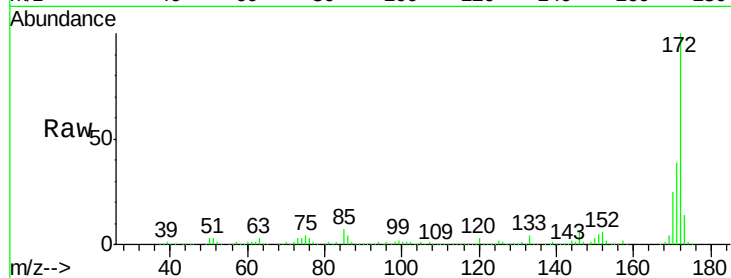




#45
2-Fluorobiphenyl
Concen: 109.266 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

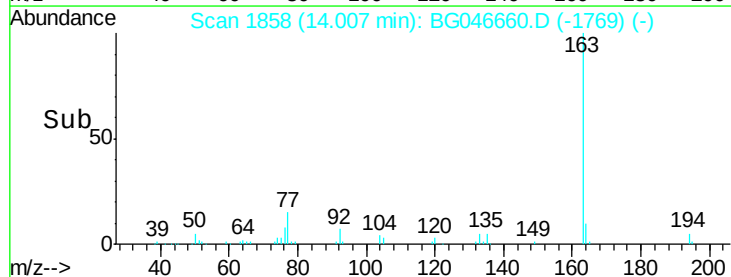
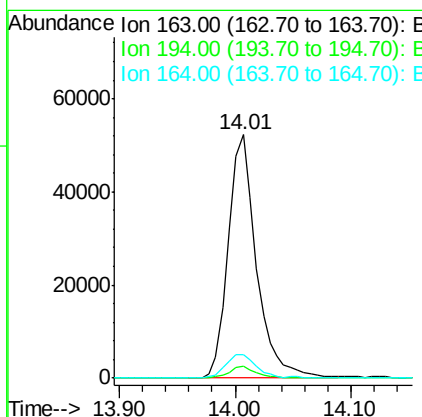
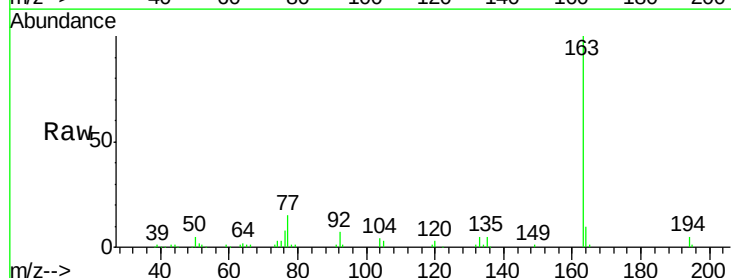
Instrument :
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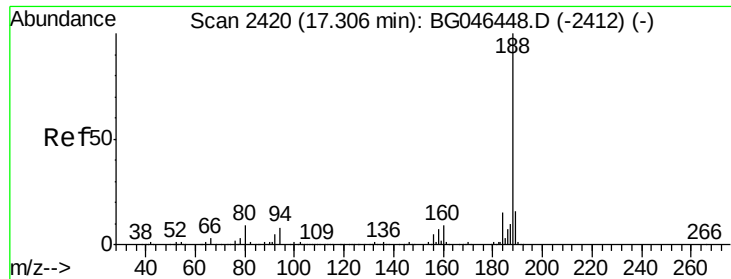
Tot Ion:172 Resp: 1165039
Ion Ratio Lower Upper
172 100
171 39.0 31.3 46.9
170 25.3 20.8 31.2



#50
Dimethylphthalate
Concen: 7.044 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

Tgt Ion:163 Resp: 88701
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 9.8 8.8 13.2

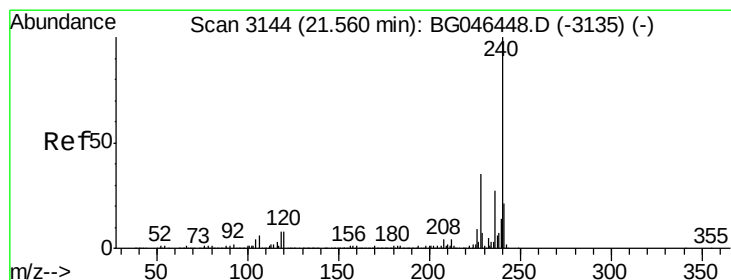
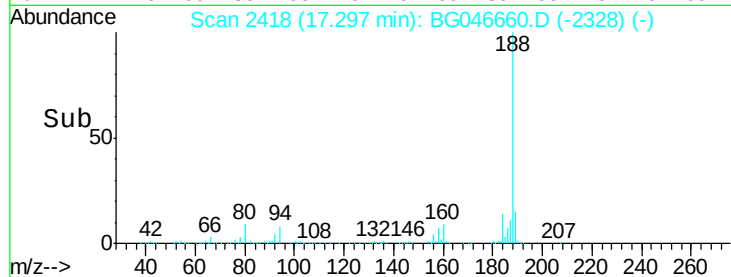
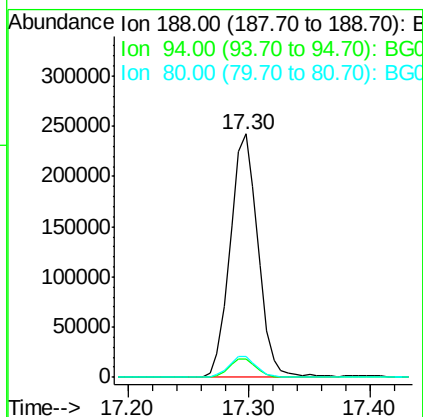
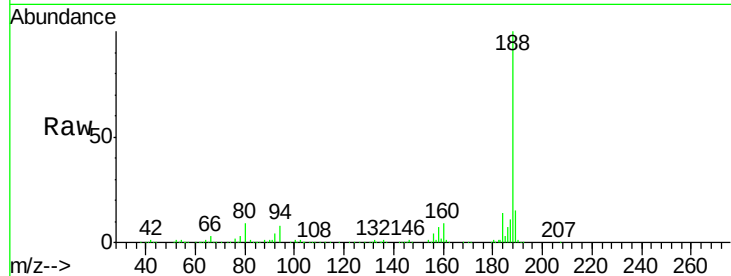




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

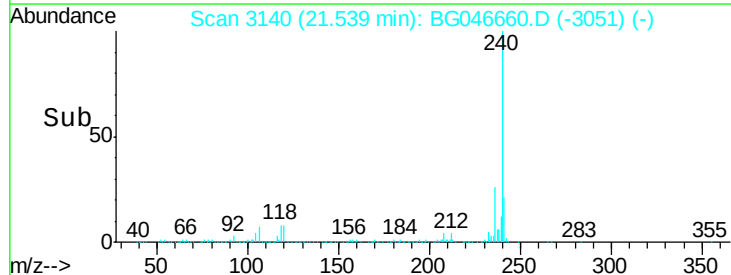
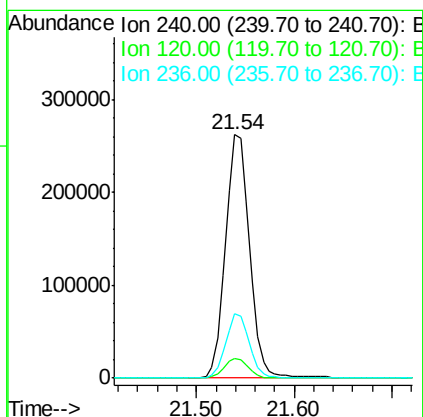
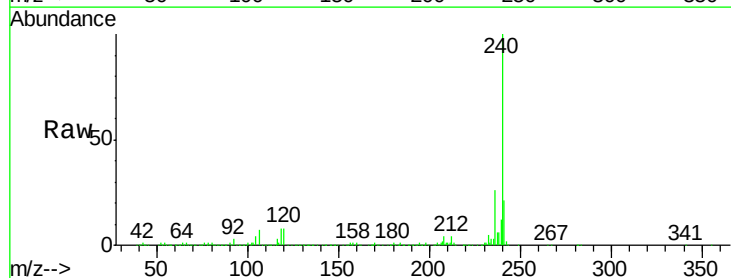
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BNA_G
ClientSampleId :
HD-02-091120

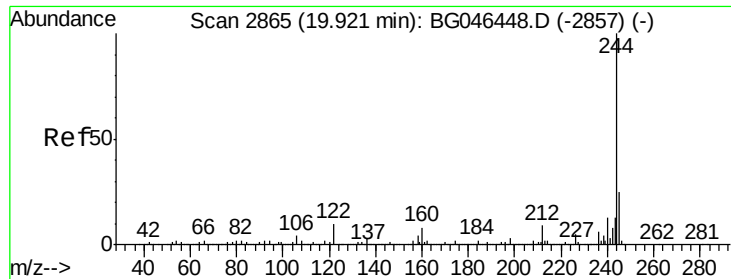
Tot Ion:188 Resp: 390546
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.5 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046660.D
Acq: 17 Sep 2020 13:29

Tgt Ion:240 Resp: 449964
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 91.639 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

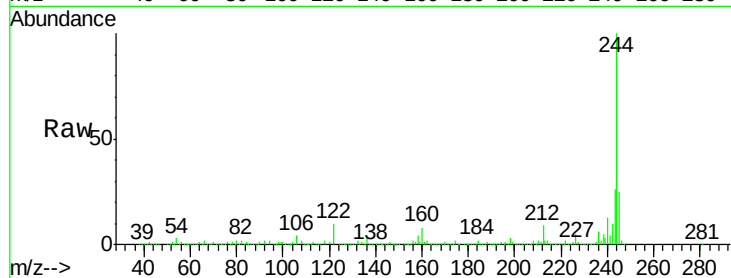
Tot Ion:244 Resp: 1937545

Ion Ratio Lower Upper

244 100

212 9.1 6.7 10.1

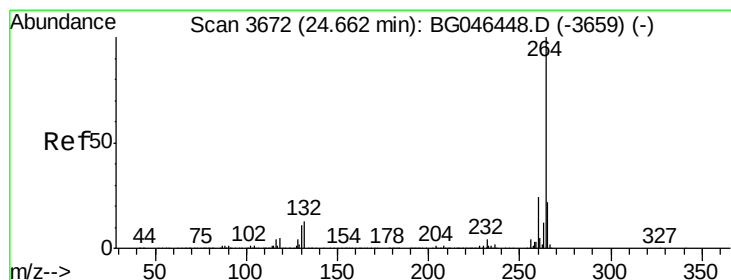
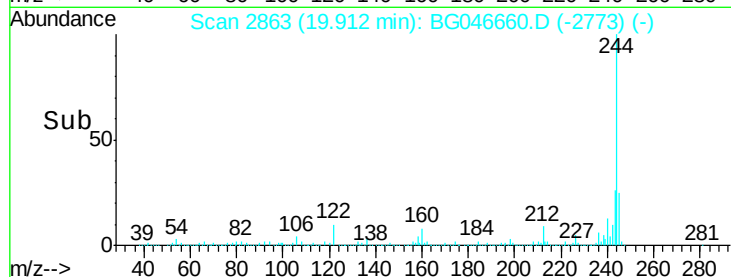
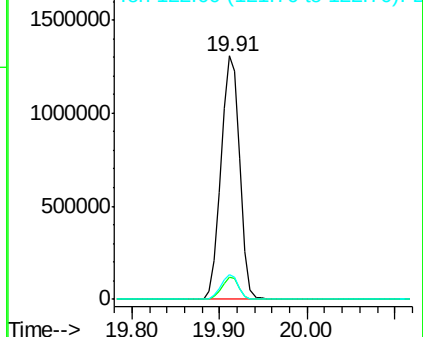
122 10.4 7.8 11.6



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: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG046660.D

Acq: 17 Sep 2020 13:29

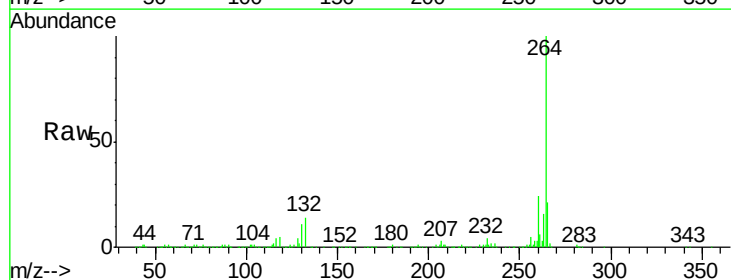
Tgt Ion:264 Resp: 452213

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.1 17.8 26.8



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

