

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046613.D
 Acq On : 14 Sep 2020 21:32
 Operator : CG/JU
 Sample : L3863-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Quant Time: Sep 15 01:59:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

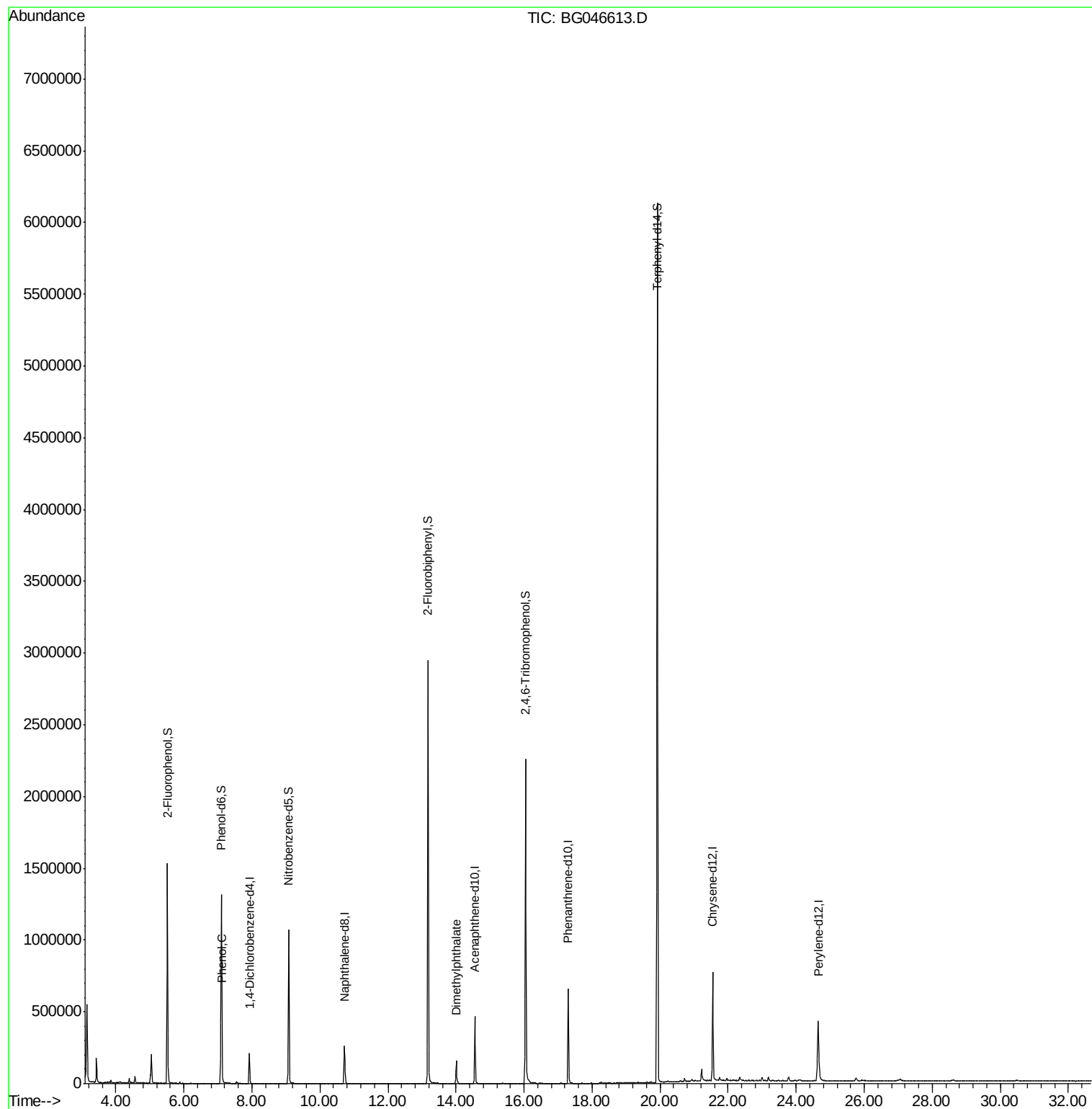
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65297	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257736	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	179672	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	454332	20.00	ng	0.00
76) Chrysene-d12	21.55	240	493747	20.00	ng	0.00
86) Perylene-d12	24.65	264	480846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	698344	189.43	ng	0.00
7) Phenol-d6	7.10	99	830828	158.97	ng	0.00
23) Nitrobenzene-d5	9.08	82	687253	152.40	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	506464	208.04	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1660833	141.11	ng	0.00
79) Terphenyl-d14	19.92	244	2660011	114.65	ng	0.00
Target Compounds						
10) Phenol	7.13	94	15880	3.299	ng	Qvalue # 68
50) Dimethylphthalate	14.01	163	137568	9.897	ng	98

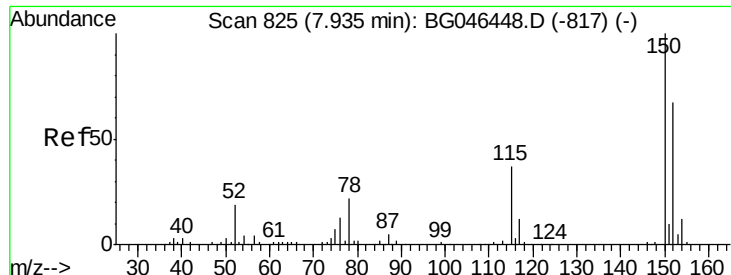
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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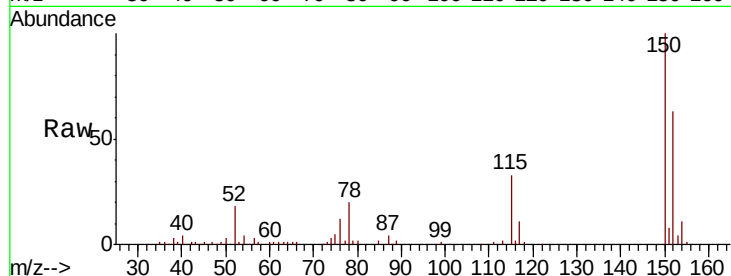


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	52.2	44.3	66.5

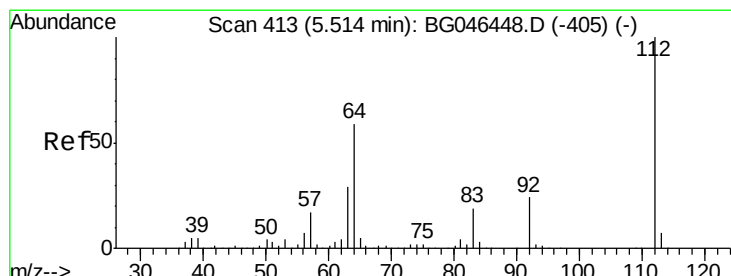
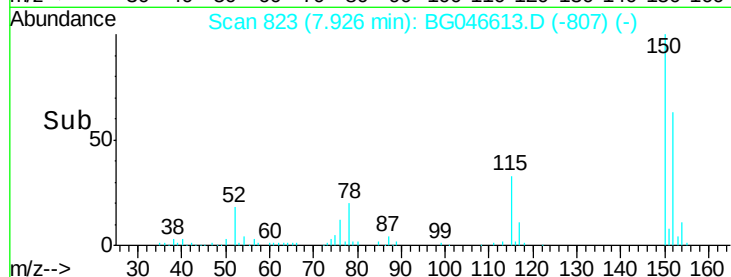
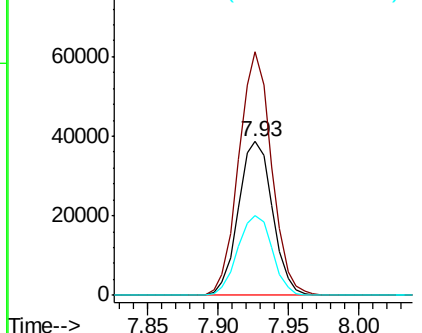


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

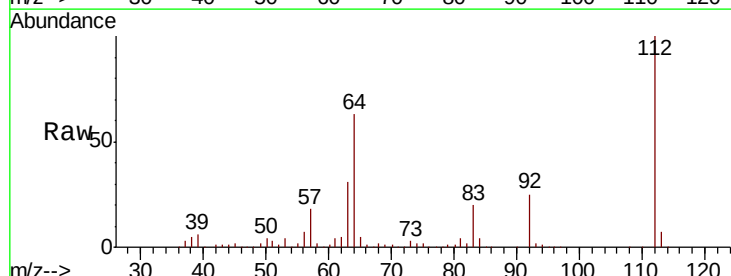
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 189.426 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.0	70.6
63	31.0	23.5	35.3

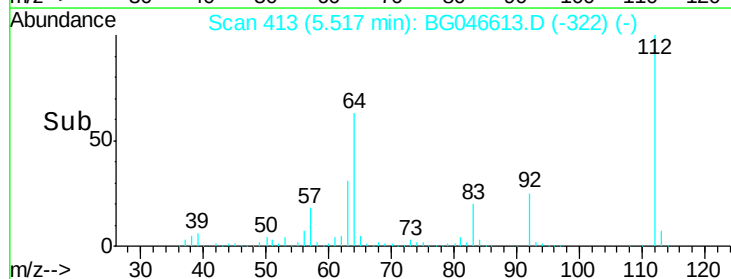
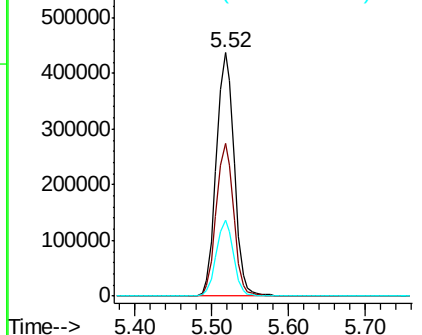


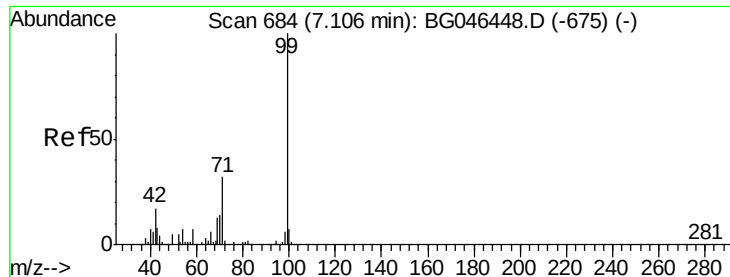
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 158.974 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

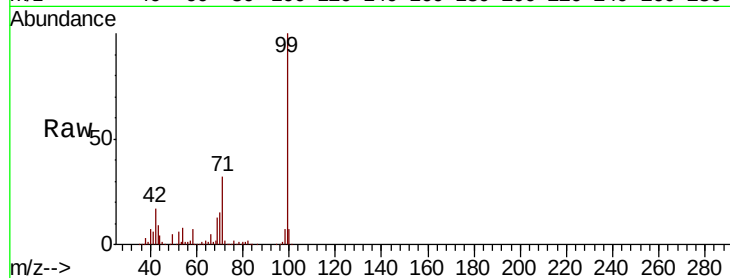
Tot Ion: 99 Resp: 830828

Ion Ratio Lower Upper

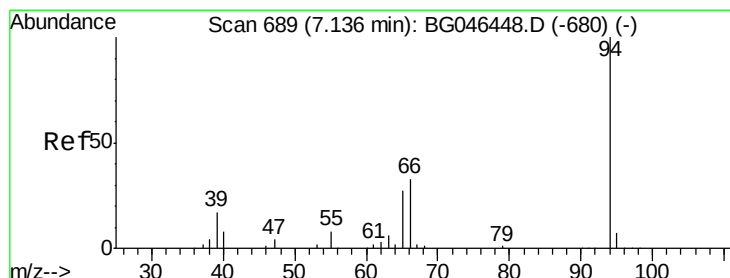
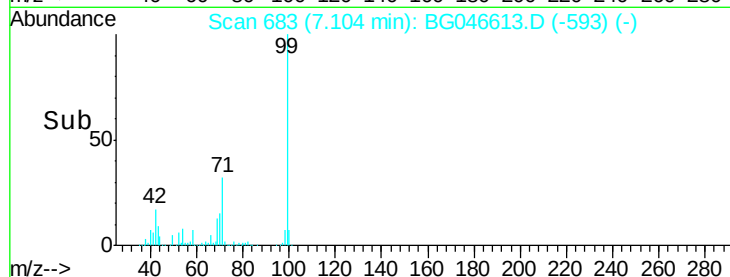
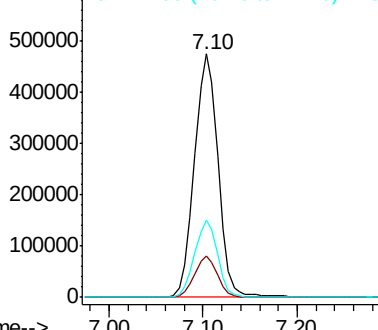
99 100

42 16.9 13.3 19.9

71 31.7 25.3 37.9



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: 3.299 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

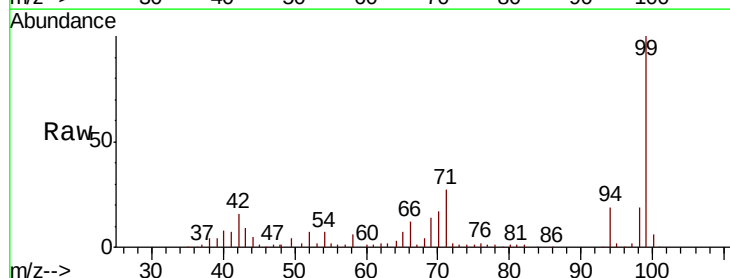
Tgt Ion: 94 Resp: 15880

Ion Ratio Lower Upper

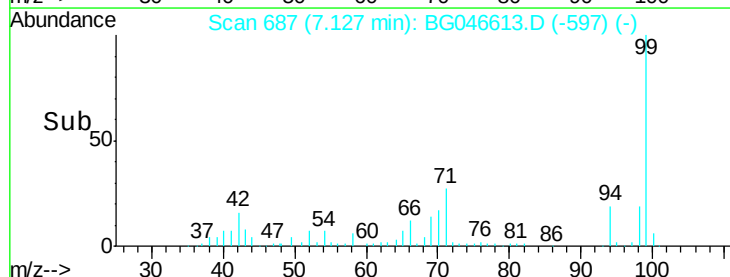
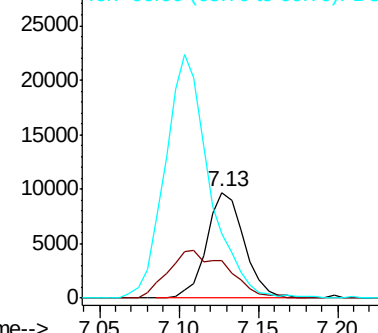
94 100

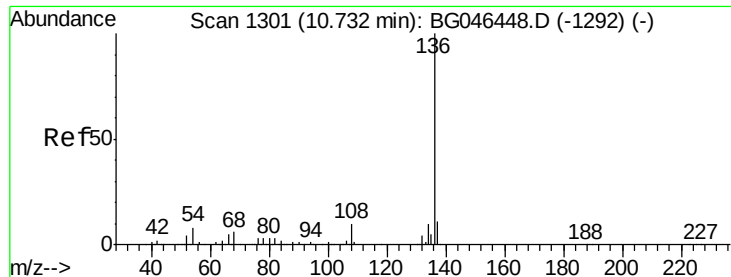
65 35.2 7.5 47.5

66 60.6 14.1 54.1#



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

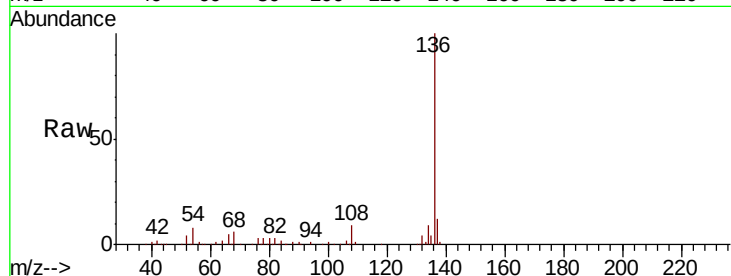




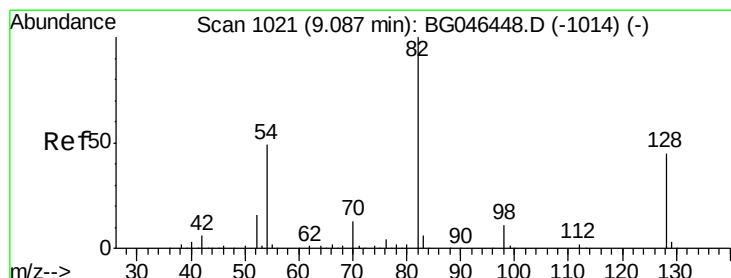
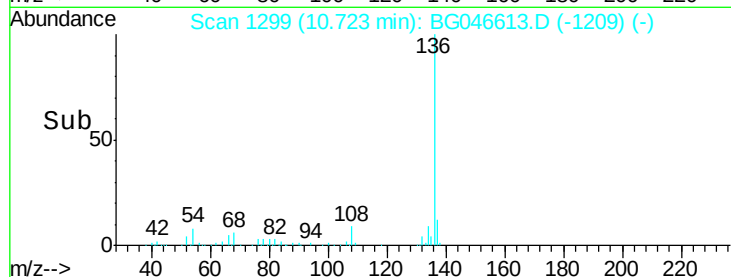
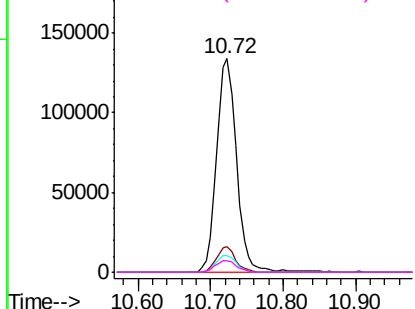
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tot Ion:136	Resp:	257736
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.8	13.2
54 7.8	6.1	9.1
68 5.6	4.8	7.2

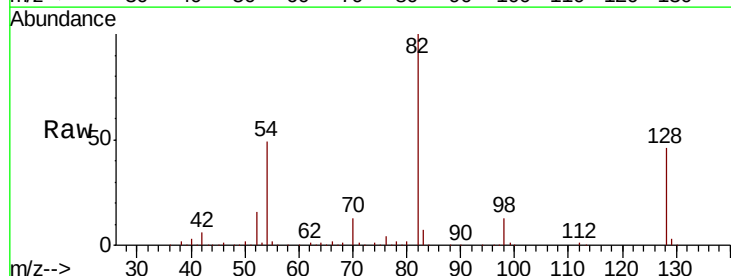


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

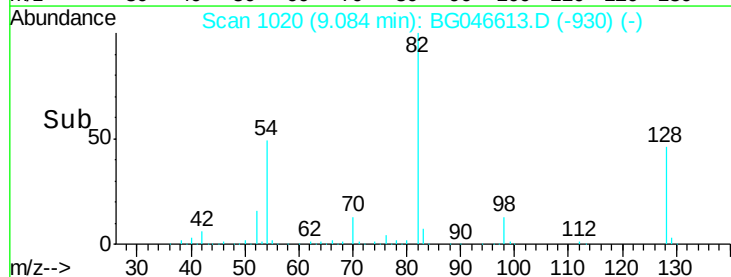
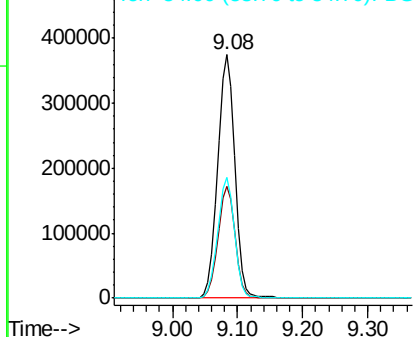


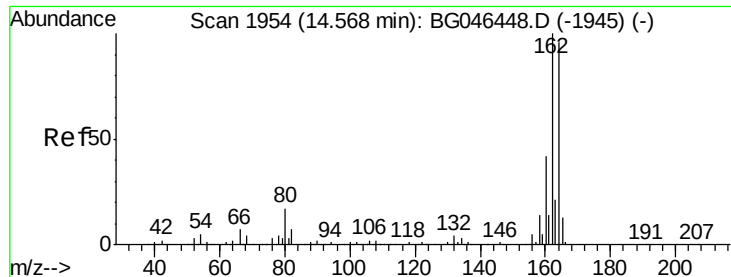
#23
Nitrobenzene-d5
Concen: 152.404 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 82	Resp: 687253
Ion Ratio	Lower Upper
82 100	
128 45.7	35.7 53.5
54 49.5	39.4 59.0



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. -0.01 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

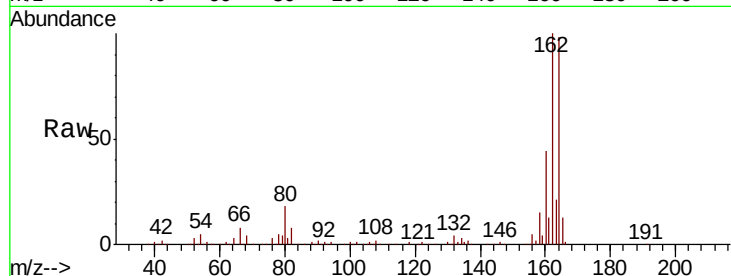
Tot Ion:164 Resp: 179672

Ion Ratio Lower Upper

164 100

162 102.0 83.3 124.9

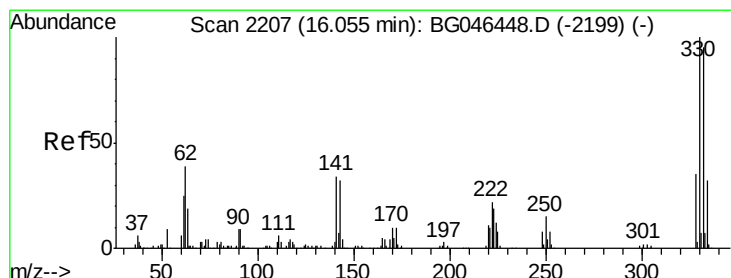
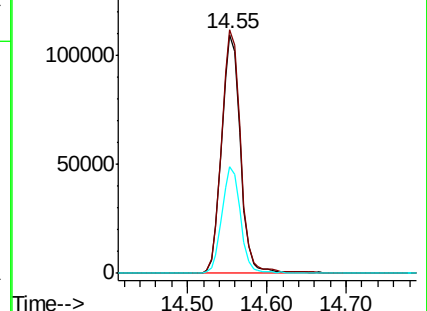
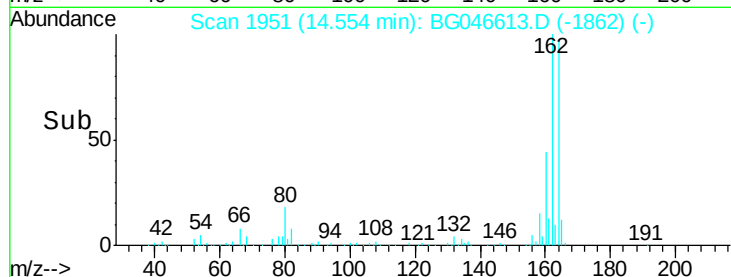
160 44.7 35.0 52.6



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: 208.042 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

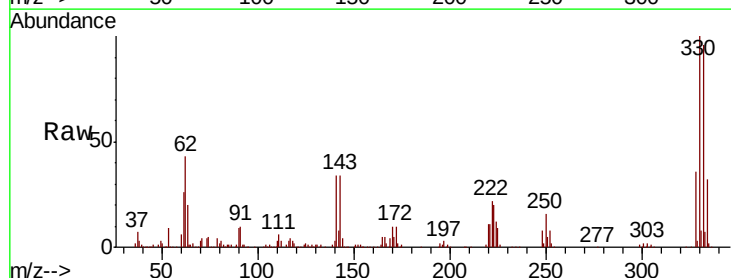
Tgt Ion:330 Resp: 506464

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

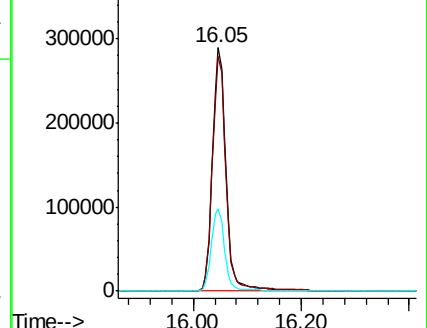
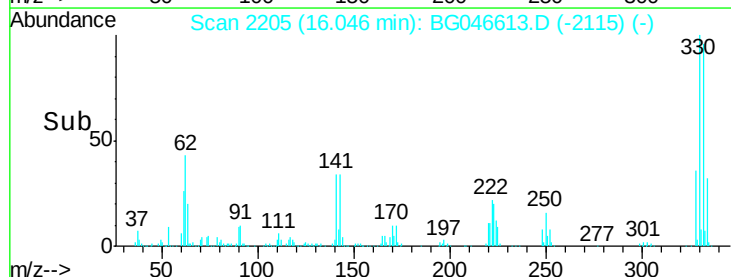
141 33.7 26.1 39.1

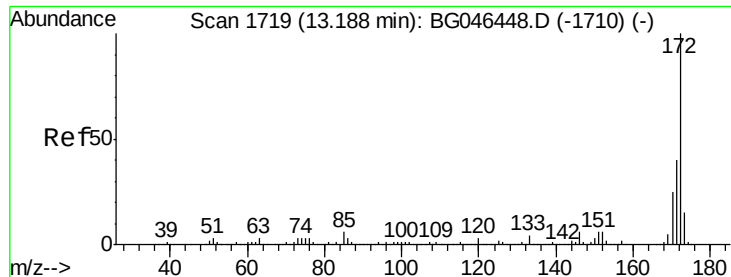


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



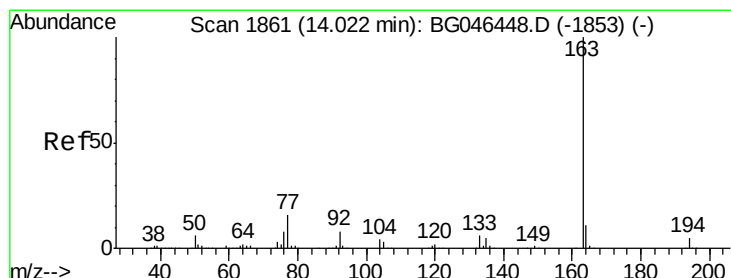
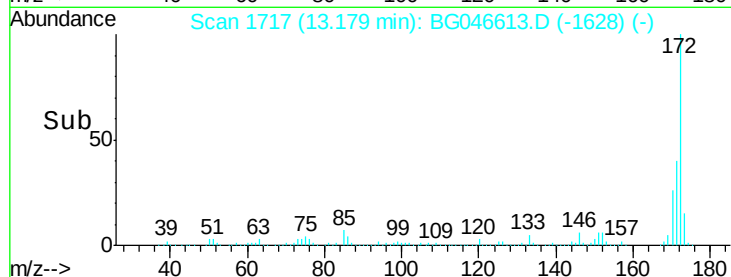
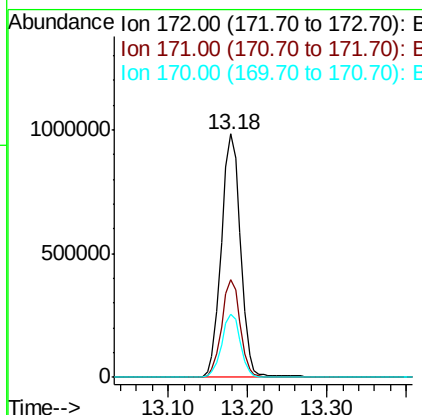
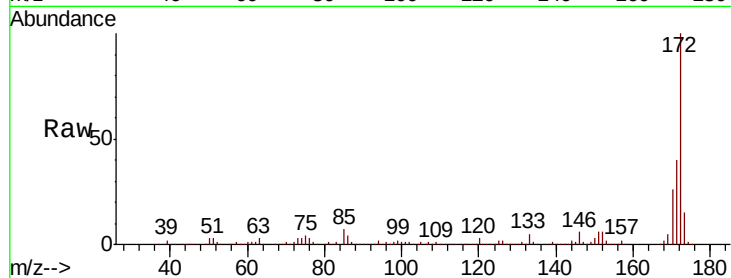


#45
 2-Fluorobiphenyl
 Concen: 141.111 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion:172 Resp: 1660833

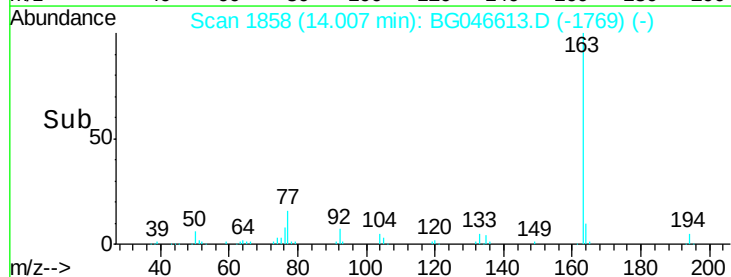
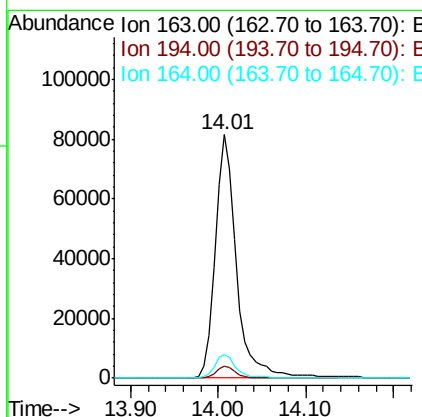
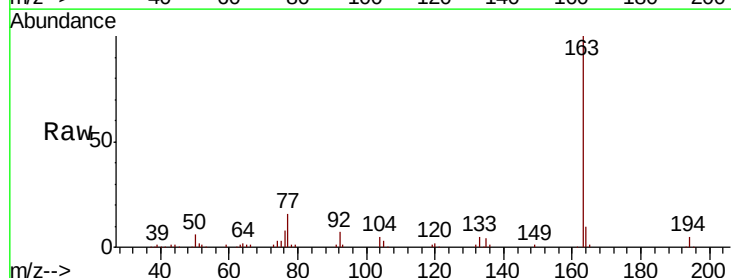
Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.8	47.6
170	26.1	20.3	30.5

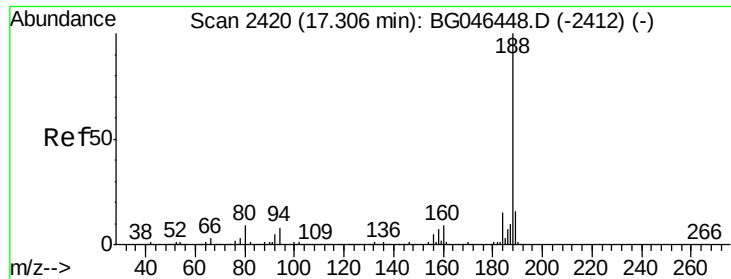


#50
 Dimethylphthalate
 Concen: 9.897 ng
 RT: 14.01 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Tgt Ion:163 Resp: 137568

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

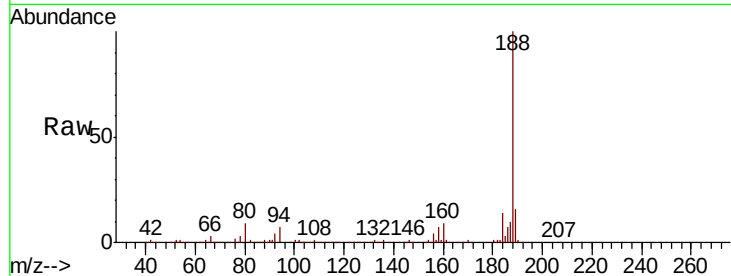
Tot Ion:188 Resp: 454332

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

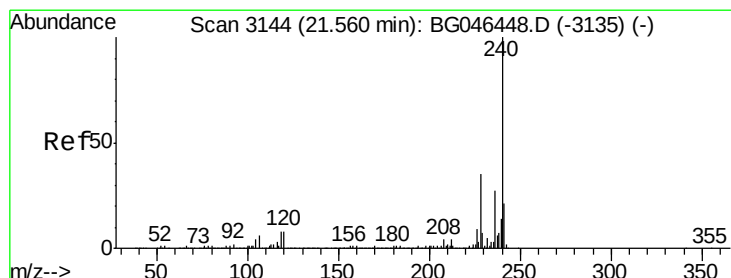
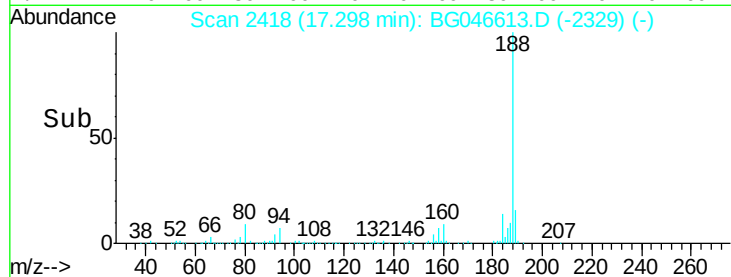
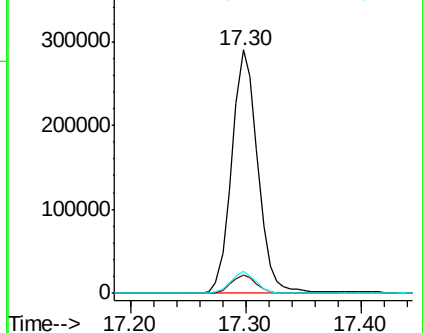
80 8.9 6.9 10.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

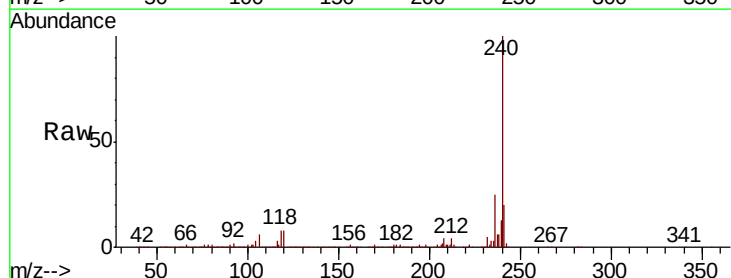
Tgt Ion:240 Resp: 493747

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

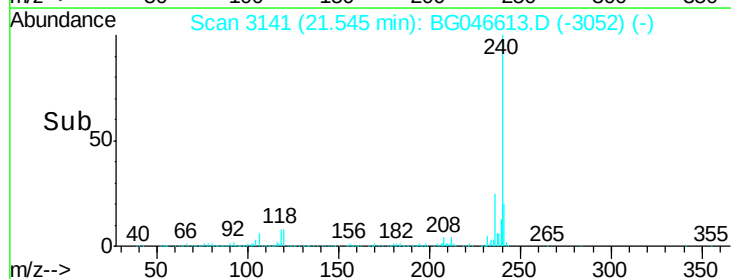
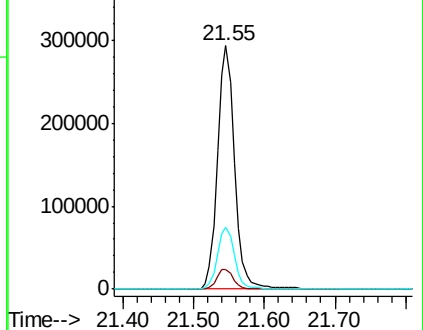
236 25.4 21.4 32.2

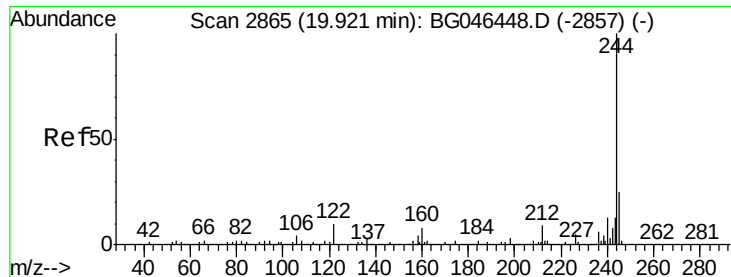


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 114.653 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

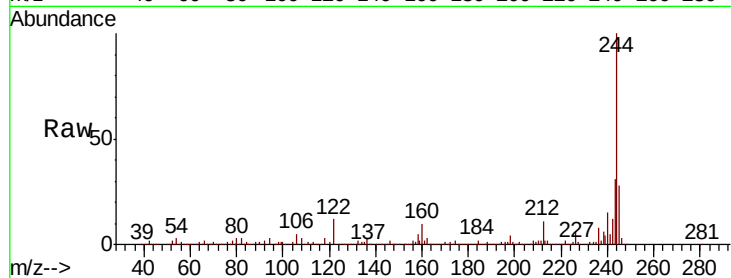
Tot Ion:244 Resp: 2660011

Ion Ratio Lower Upper

244 100

212 11.0 6.9 10.3#

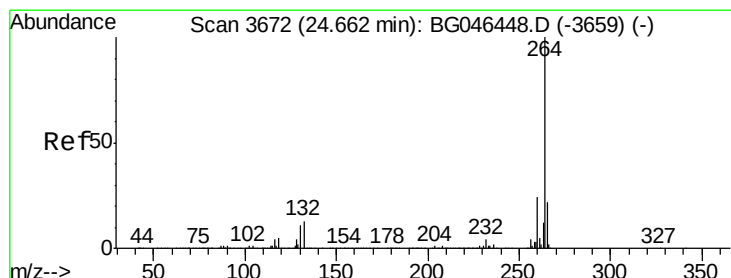
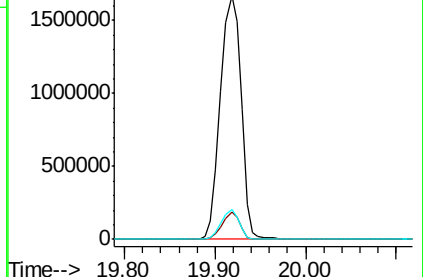
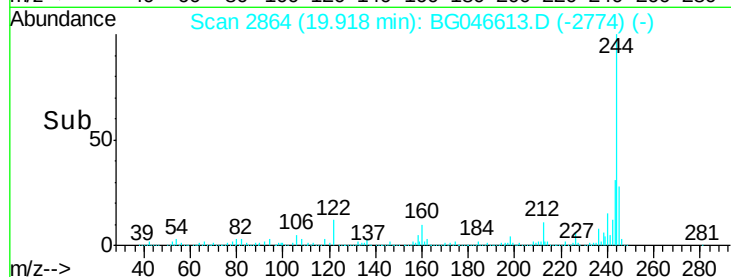
122 12.2 8.2 12.4



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: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

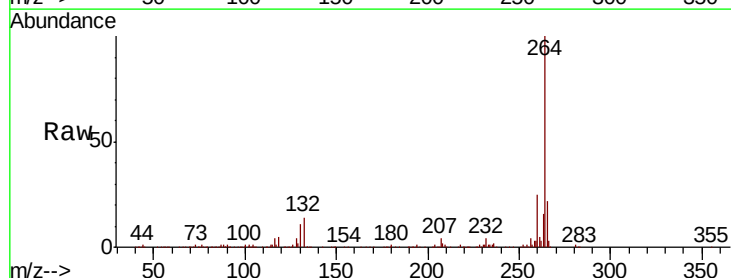
Tgt Ion:264 Resp: 480846

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 17.9 26.9



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

