

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046474.D
 Acq On : 31 Aug 2020 18:32
 Operator : CG/JU
 Sample : L3828-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-2

Quant Time: Sep 01 10:02:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

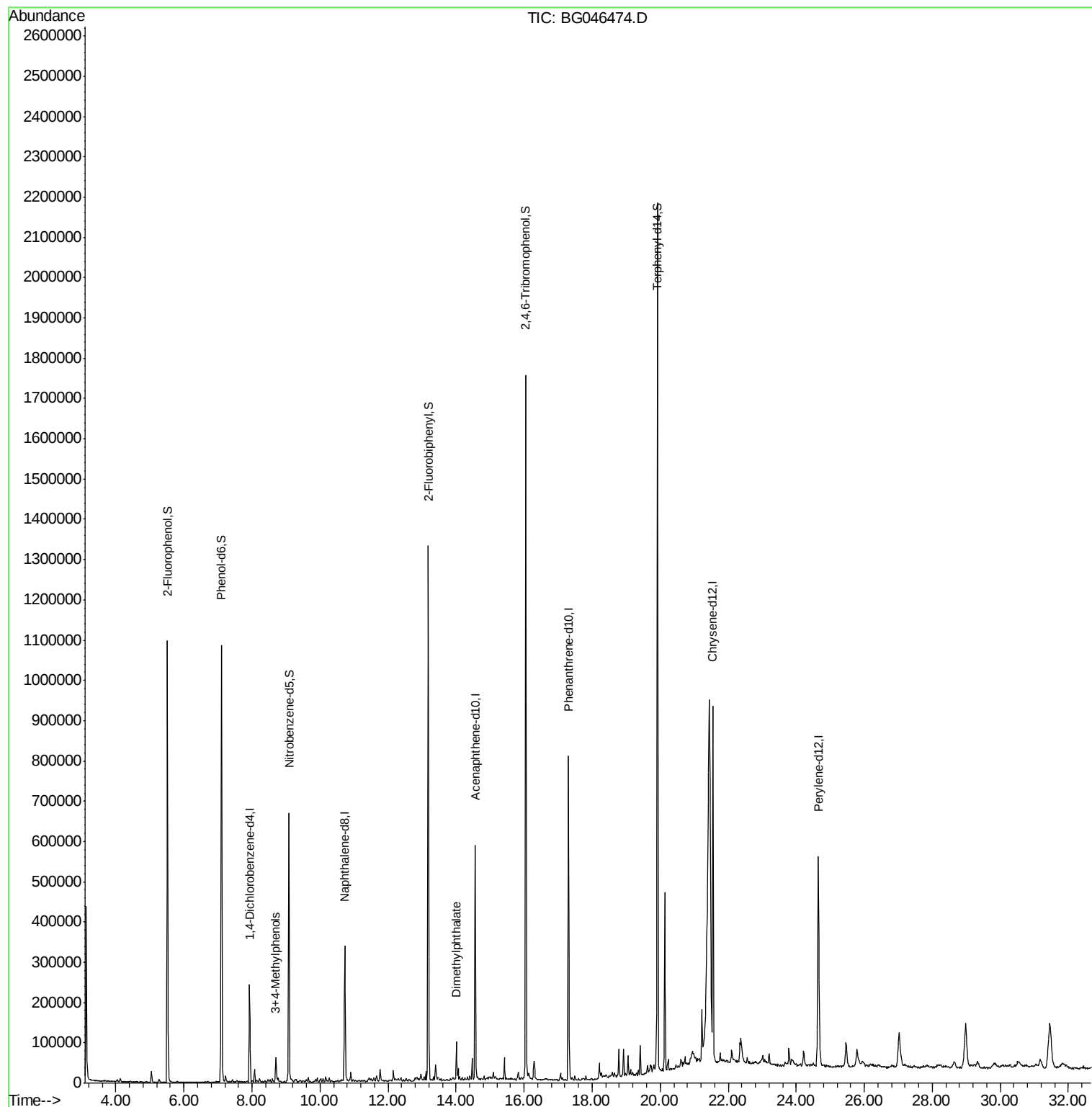
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72359	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	301856	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	210554	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	533897	20.00	ng	0.00
76) Chrysene-d12	21.55	240	533750	20.00	ng	0.00
86) Perylene-d12	24.65	264	573026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	518730	126.97	ng	0.00
7) Phenol-d6	7.10	99	693344	119.72	ng	0.00
23) Nitrobenzene-d5	9.09	82	417186	78.99	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	336782	118.05	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	718465	52.09	ng	0.00
79) Terphenyl-d14	19.92	244	1030049	41.07	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.70	107	31945	6.118	ng	95
50) Dimethylphthalate	14.01	163	70332	4.318	ng	97

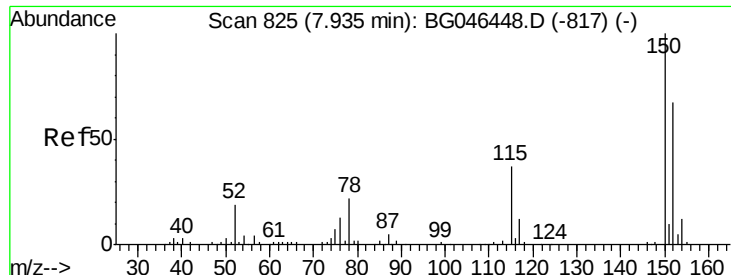
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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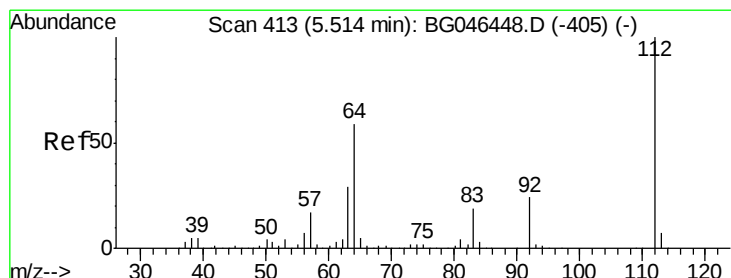
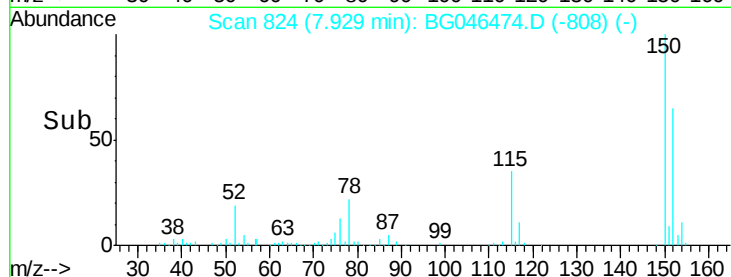
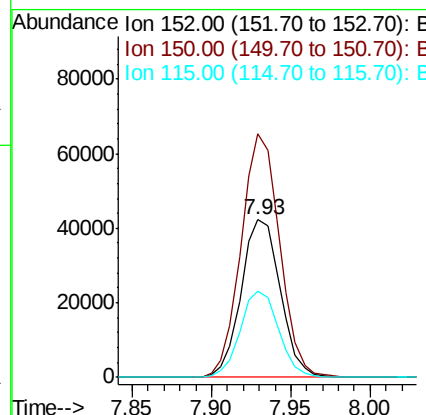
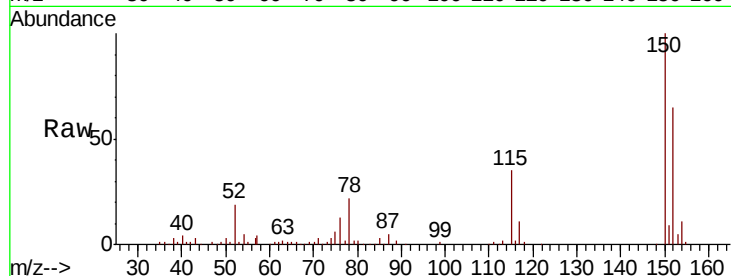




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046474.D
 Acq: 31 Aug 2020 18:32

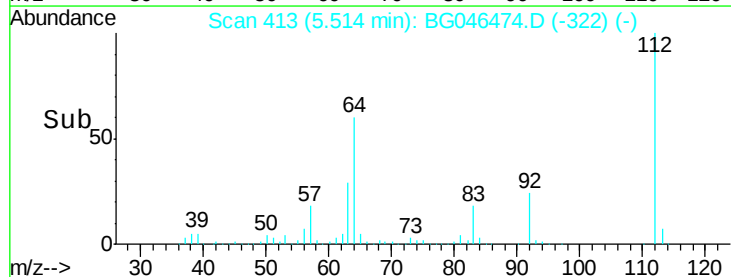
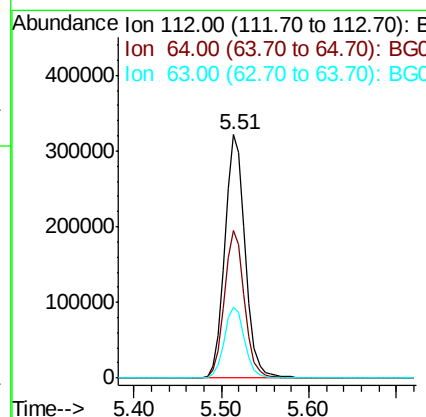
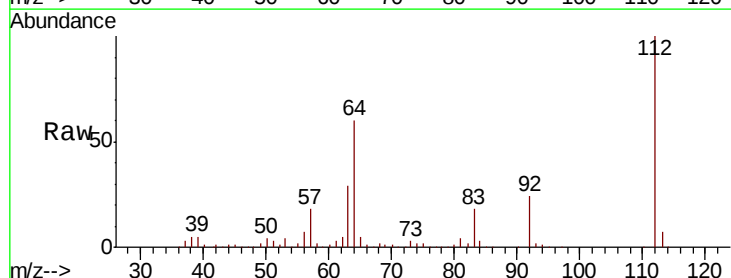
Instrument :
 BNA_G
 ClientSampled :
 BS-2

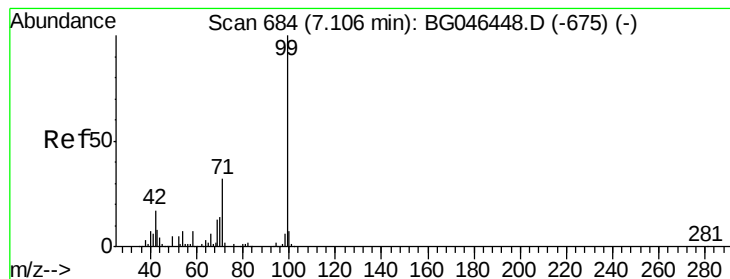
Tot Ion:152 Resp: 72359
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 54.7 44.3 66.5



#5
 2-Fluorophenol
 Concen: 126.973 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046474.D
 Acq: 31 Aug 2020 18:32

Tgt Ion:112 Resp: 518730
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.0 70.6
 63 29.1 23.5 35.3





#7

Phenol-d6

Concen: 119.720 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampled :

BS-2

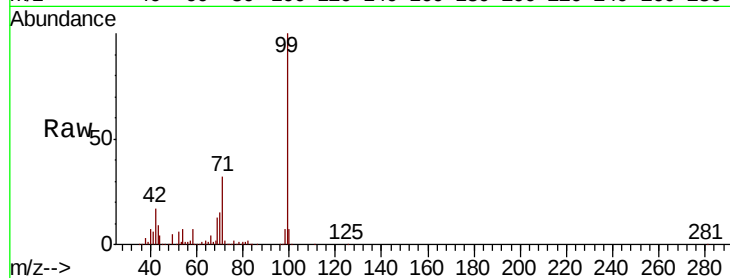
Tot Ion: 99 Resp: 693344

Ion Ratio Lower Upper

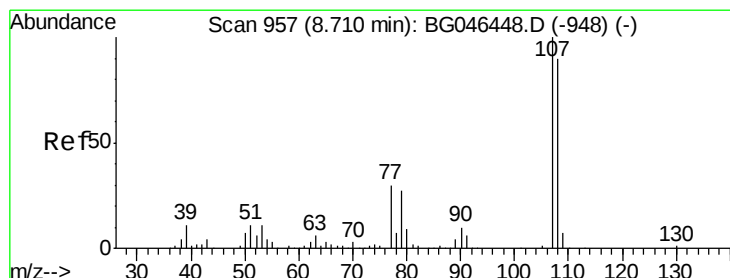
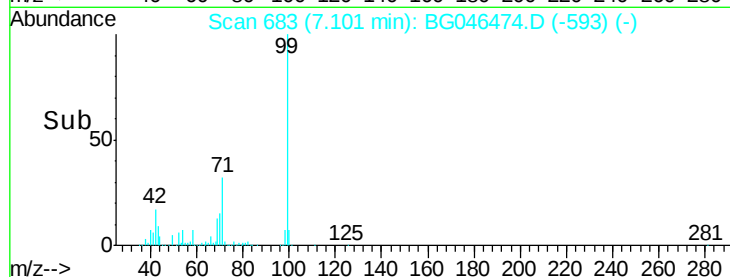
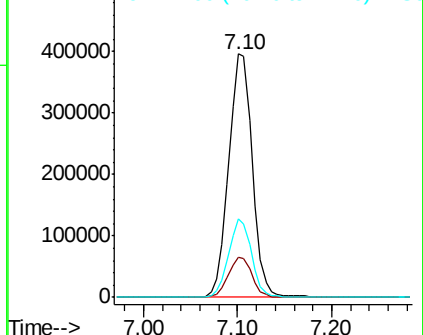
99 100

42 16.5 13.3 19.9

71 32.3 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



#20

3+4-Methylphenols

Concen: 6.118 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Tgt Ion: 107 Resp: 31945

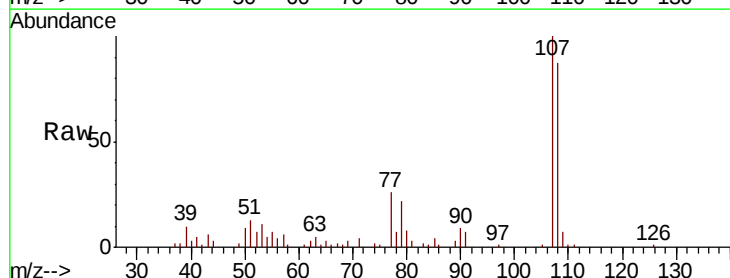
Ion Ratio Lower Upper

107 100

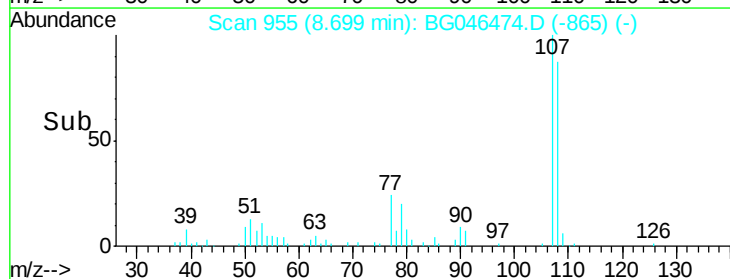
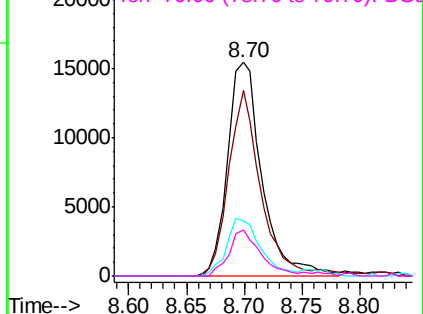
108 86.8 69.7 109.7

77 25.6 9.7 49.7

79 21.7 6.9 46.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

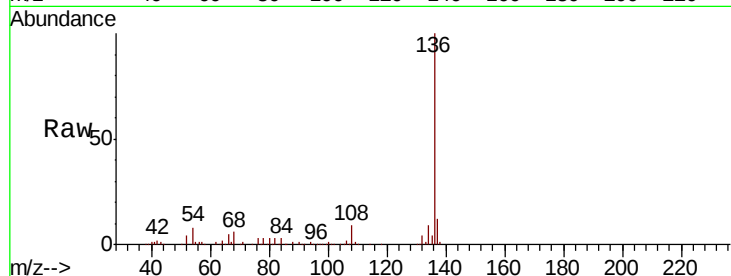




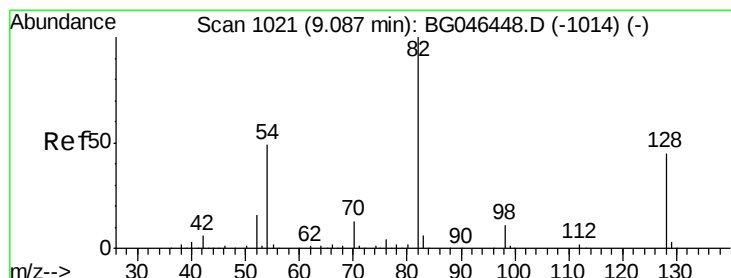
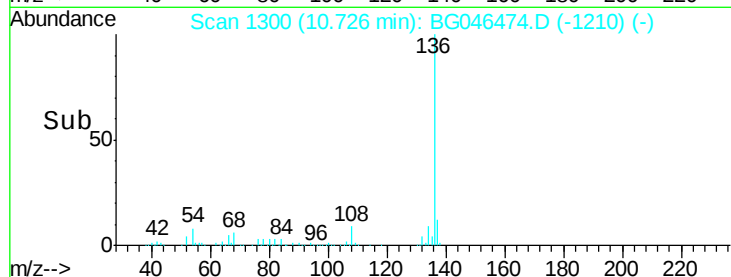
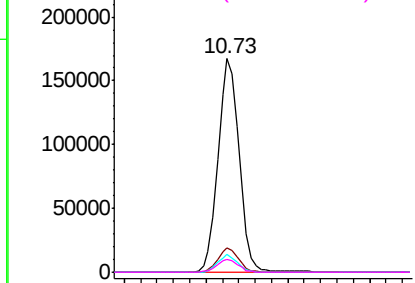
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Instrument :
BNA_G
ClientSampled :
BS-2

Tot Ion:136	Resp:	301856
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.8 13.2
54	8.3	6.1 9.1
68	5.9	4.8 7.2

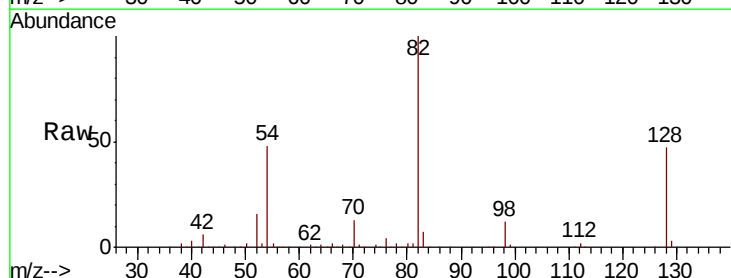


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

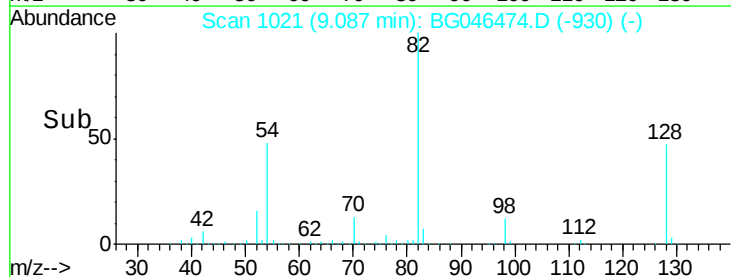
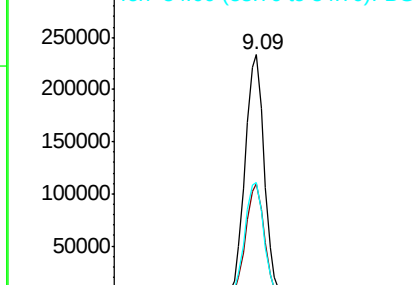


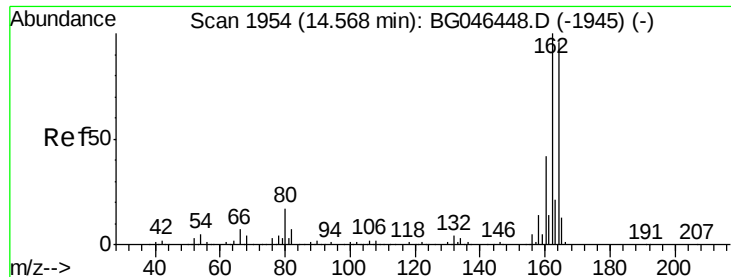
#23
Nitrobenzene-d5
Concen: 78.992 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion: 82	Resp:	417186
Ion	Ratio	Lower Upper
82	100	
128	46.9	35.7 53.5
54	47.7	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: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampled :

BS-2

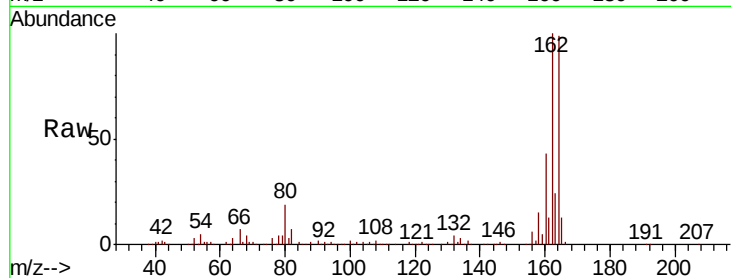
Tot Ion:164 Resp: 210554

Ion Ratio Lower Upper

164 100

162 100.9 83.3 124.9

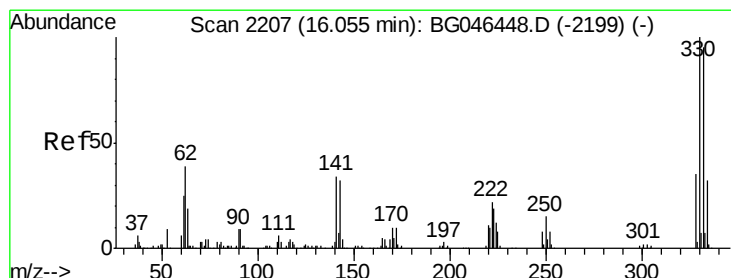
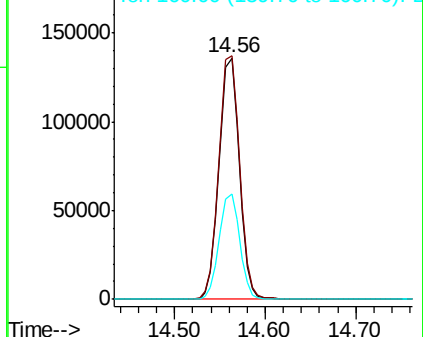
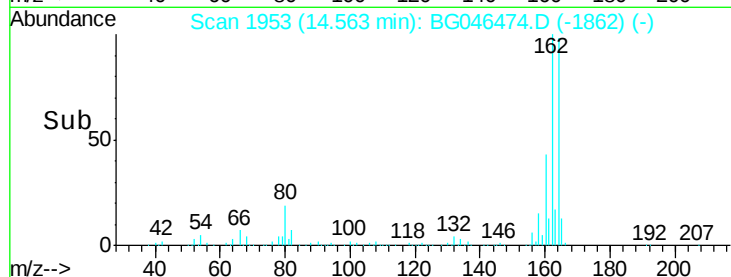
160 43.5 35.0 52.6



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: 118.051 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

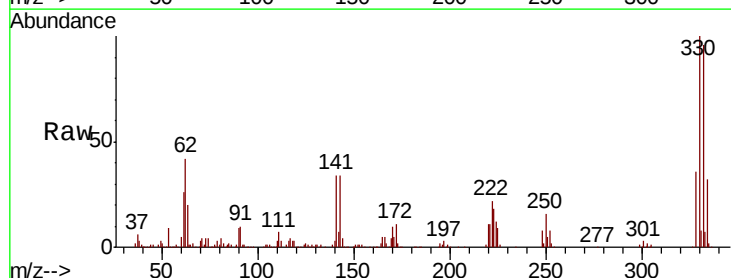
Tgt Ion:330 Resp: 336782

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

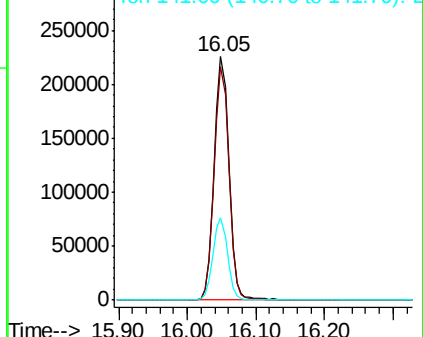
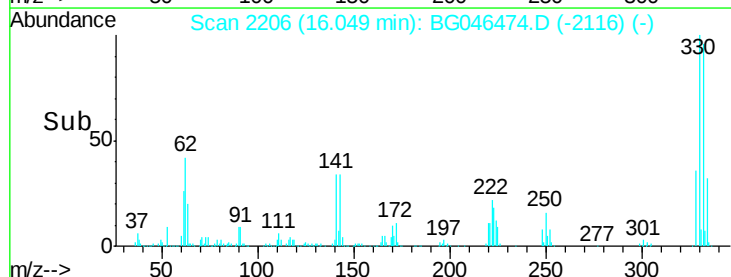
141 33.7 26.1 39.1

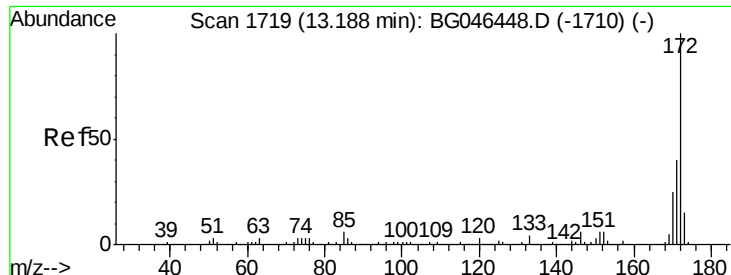


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

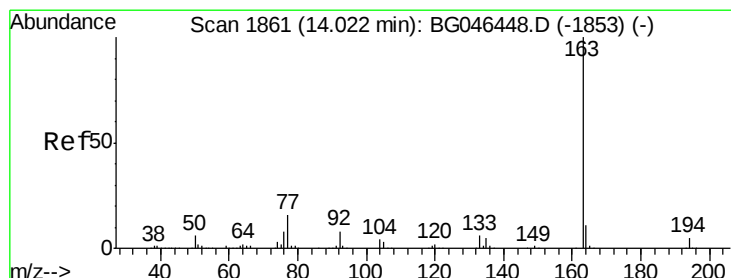
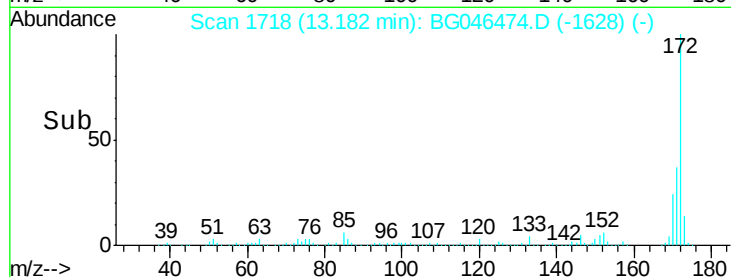
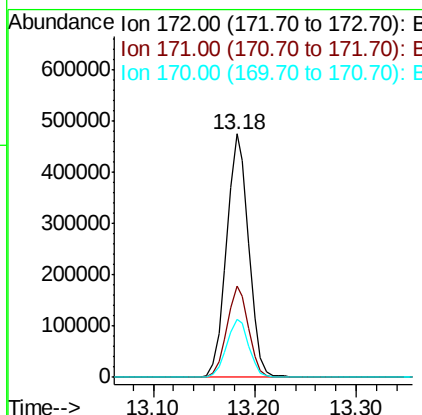
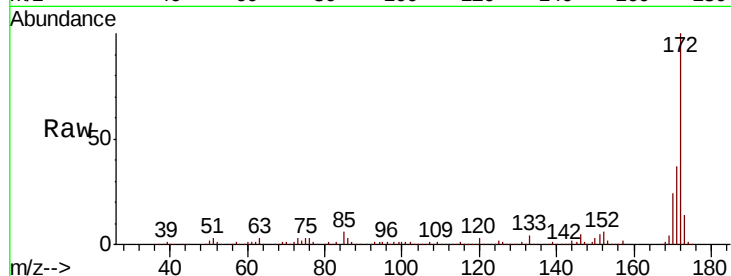




#45
2-Fluorobiphenyl
Concen: 52.090 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

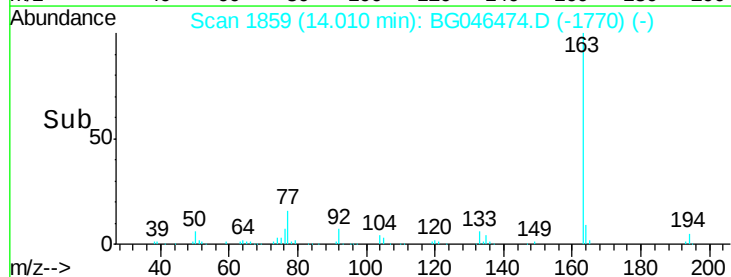
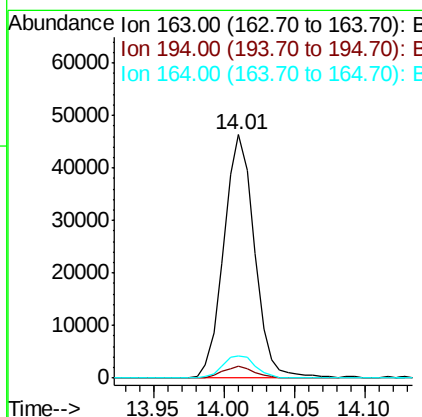
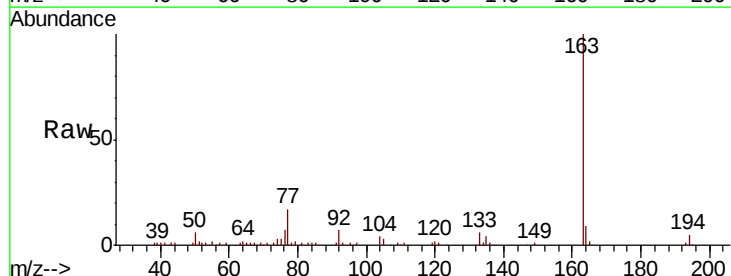
Instrument :
BNA_G
ClientSampleId :
BS-2

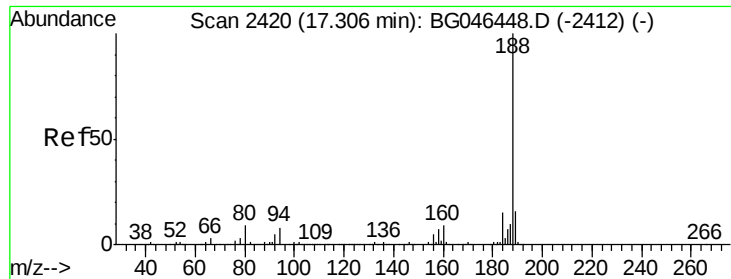
Tot Ion:172 Resp: 718465
Ion Ratio Lower Upper
172 100
171 37.3 31.8 47.6
170 24.0 20.3 30.5



#50
Dimethylphthalate
Concen: 4.318 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion:163 Resp: 70332
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 9.2 8.6 12.8

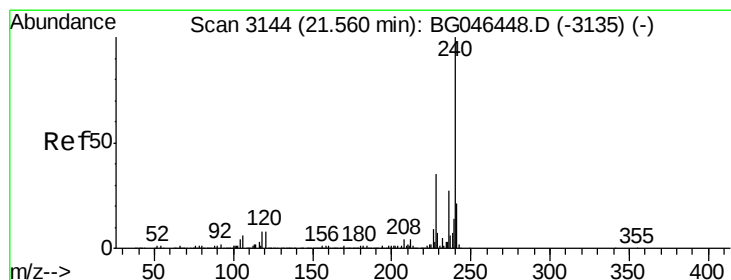
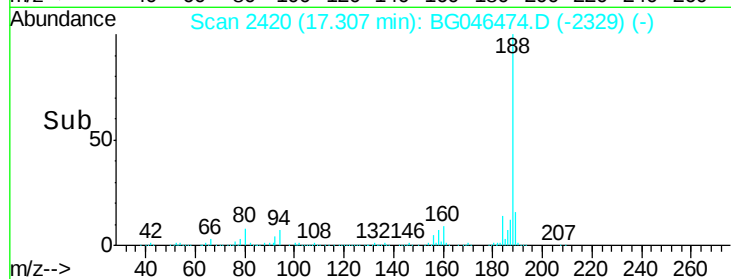
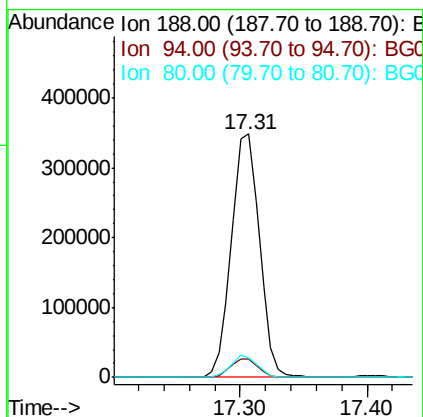
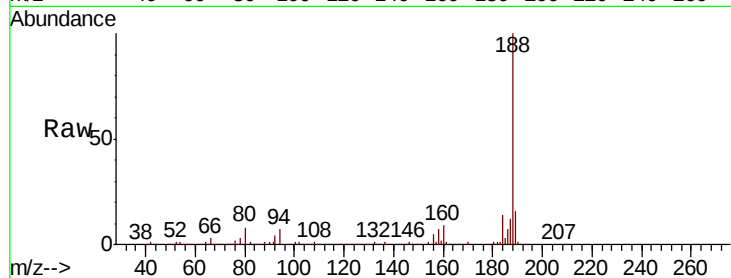




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

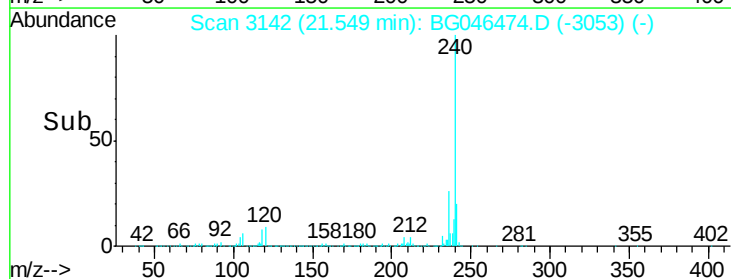
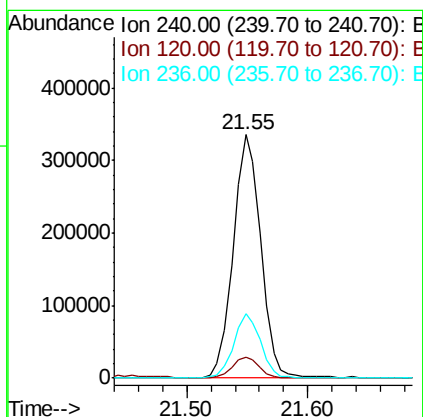
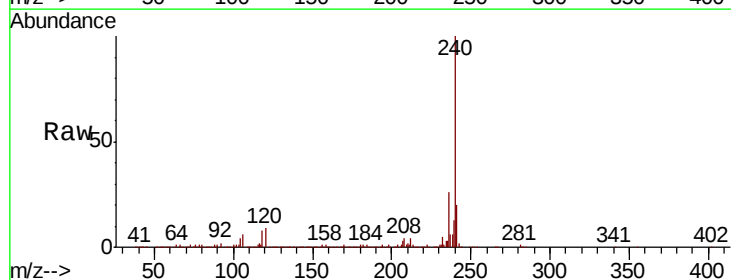
Instrument :
BNA_G
ClientSampleId :
BS-2

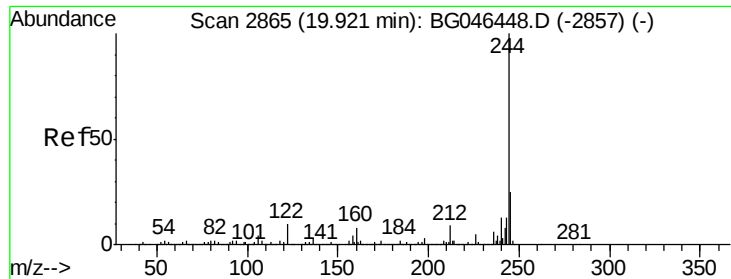
Tot Ion:188 Resp: 533897
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion:240 Resp: 533750
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 41.070 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampleId :

BS-2

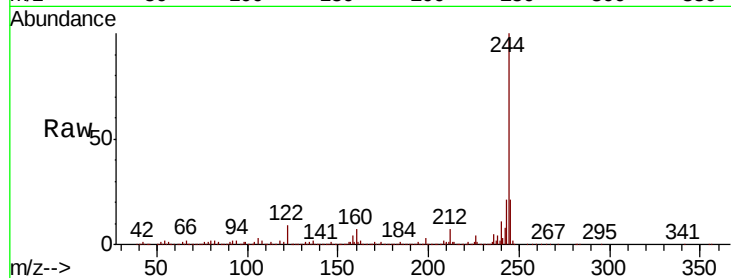
Tot Ion:244 Resp: 1030049

Ion Ratio Lower Upper

244 100

212 7.3 6.9 10.3

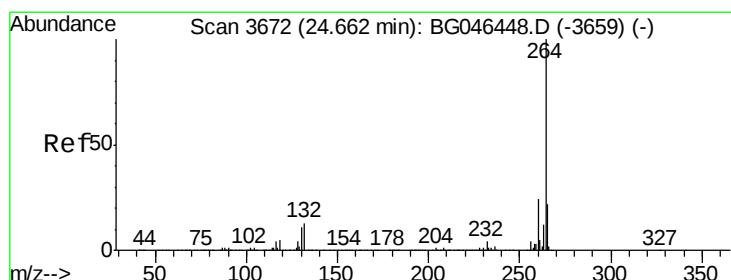
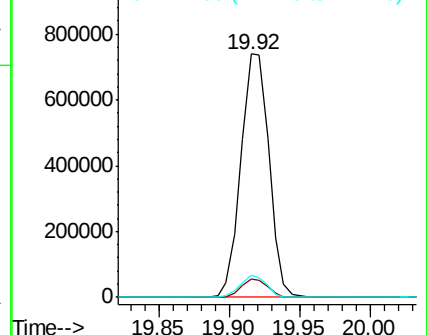
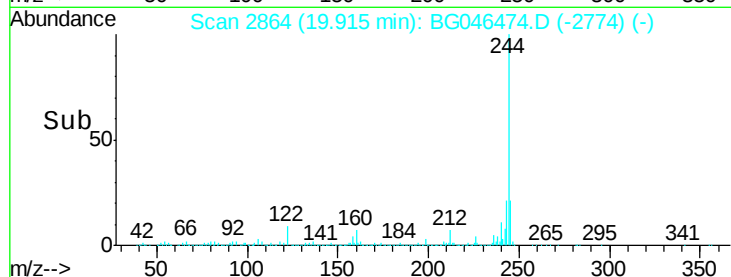
122 8.9 8.2 12.4



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# 3670

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

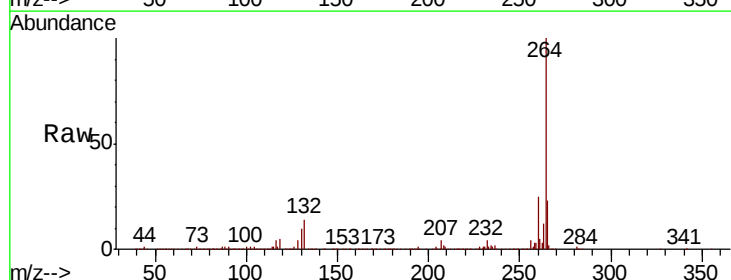
Tgt Ion:264 Resp: 573026

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.8 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

