

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045903.D
 Acq On : 1 Jul 2020 13:03
 Operator : CG/JU
 Sample : L2810-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420

Quant Time: Jul 01 14:07:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

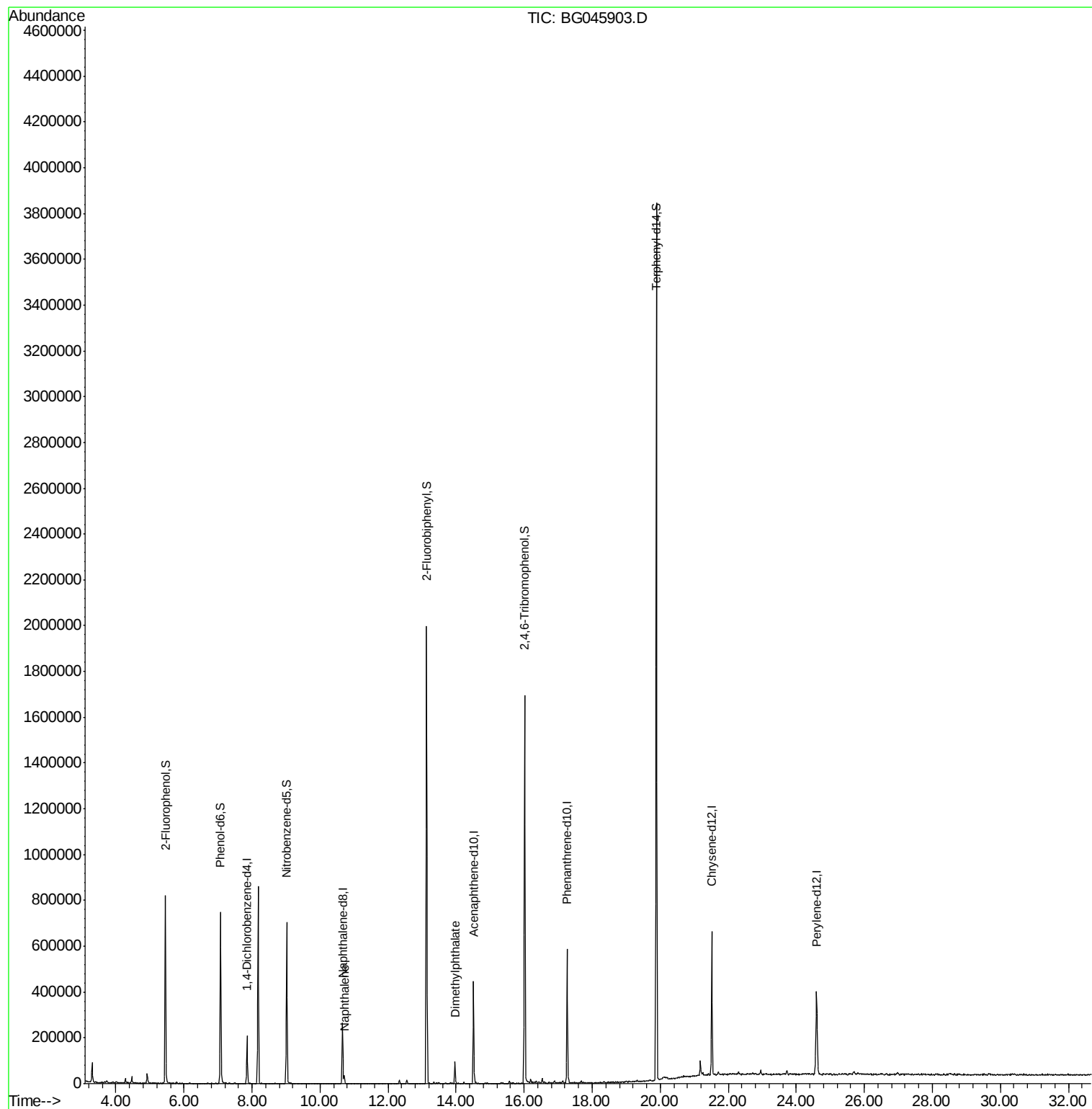
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	60382	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	231406	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	166339	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	382241	20.00	ng	0.00
76) Chrysene-d12	21.51	240	375220	20.00	ng	0.00
86) Perylene-d12	24.60	264	380002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	396756	111.00	ng	0.00
7) Phenol-d6	7.08	99	484792	89.16	ng	0.00
23) Nitrobenzene-d5	9.02	82	464288	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	350193	139.45	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1057183	93.40	ng	0.00
79) Terphenyl-d14	19.89	244	1795461	96.97	ng	0.00
Target Compounds						
31) Naphthalene	10.71	128	29918	2.365	ng	96
50) Dimethylphthalate	13.97	163	63941	4.907	ng	98

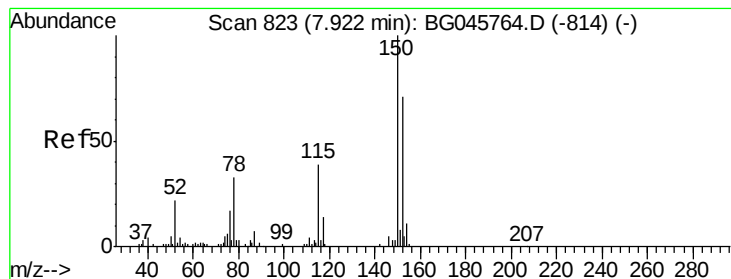
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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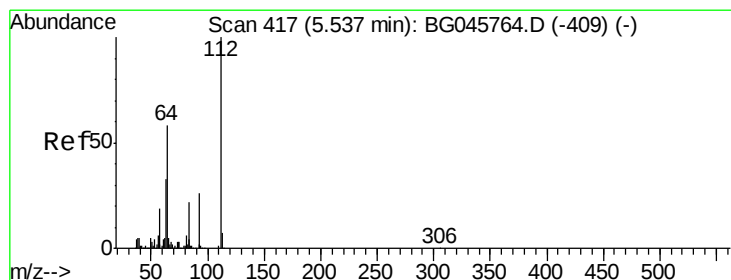
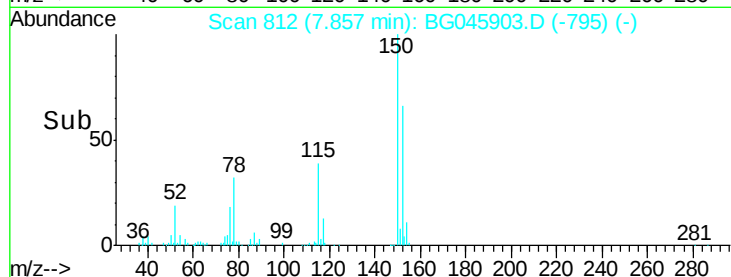
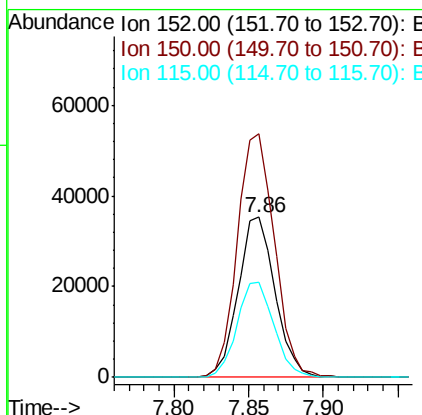
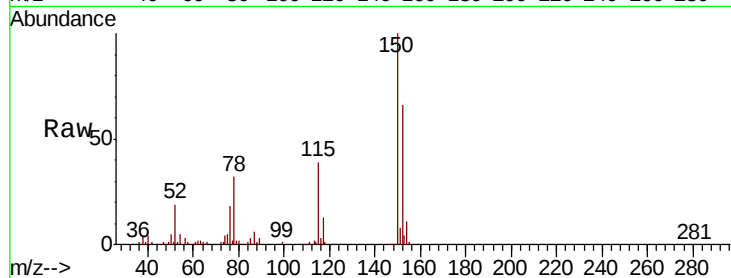


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045903.D
Acq: 1 Jul 2020 13:03

Instrument :
BNA_G
ClientSampleId :
CL-01-062420

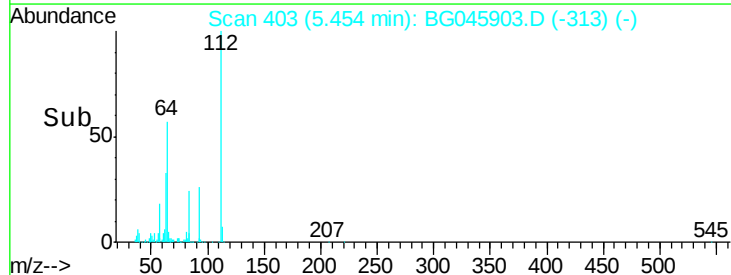
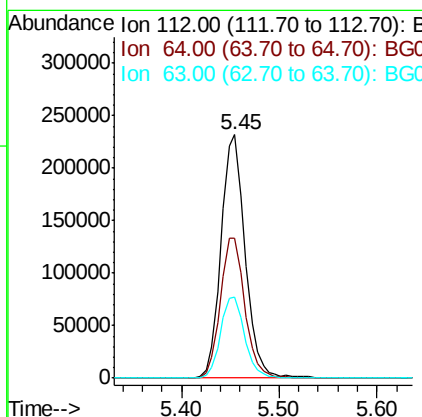
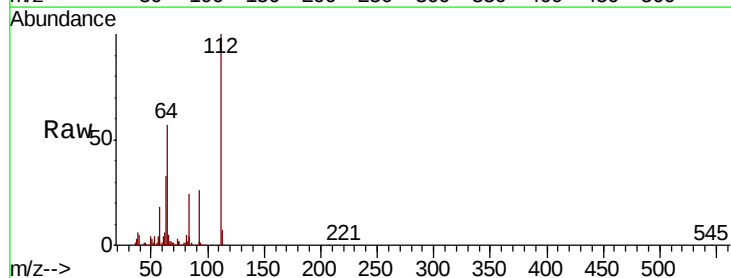
Tot Ion	152	Resp	60382
Ion Ratio	Lower	Upper	
152	100		
150	151.9	121.2	181.8
115	59.4	47.5	71.3

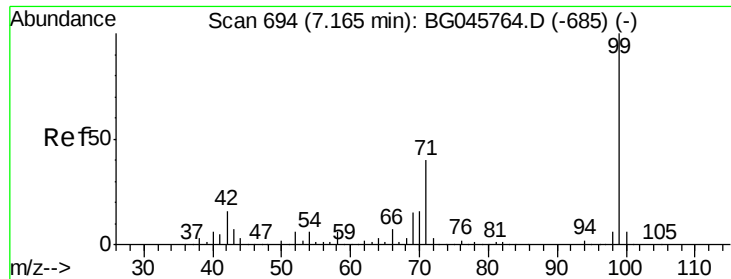


#5

2-Fluorophenol
Concen: 110.996 ng
RT: 5.45 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG045903.D
Acq: 1 Jul 2020 13:03

Tgt Ion	112	Resp	396756
Ion Ratio	Lower	Upper	
112	100		
64	57.5	48.5	72.7
63	33.2	26.5	39.7





#7

Phenol-d6

Concen: 89.163 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Instrument :

BNA_G

ClientSampleId :

CL-01-062420

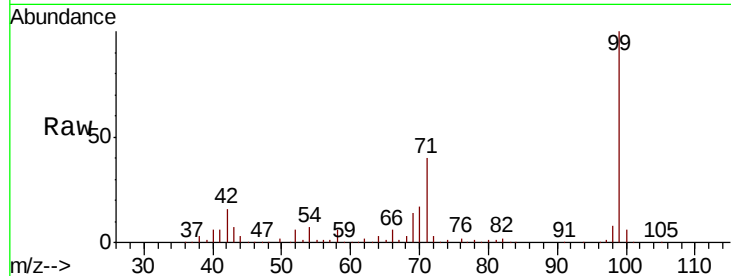
Tot Ion: 99 Resp: 484792

Ion Ratio Lower Upper

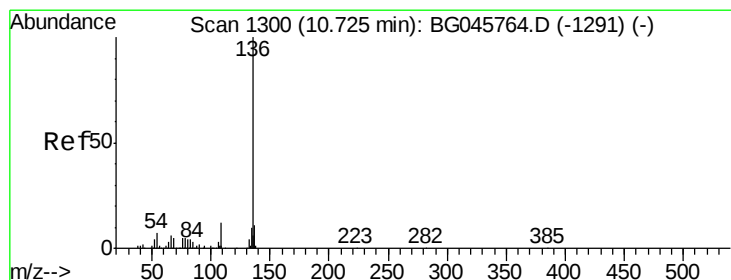
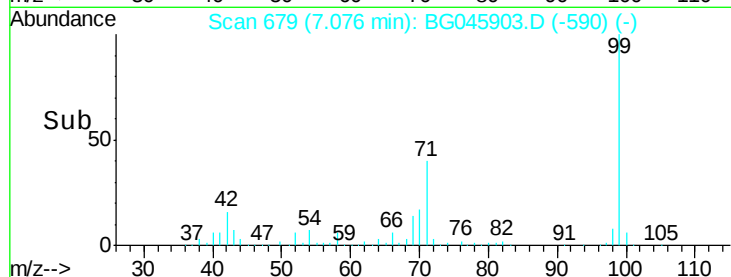
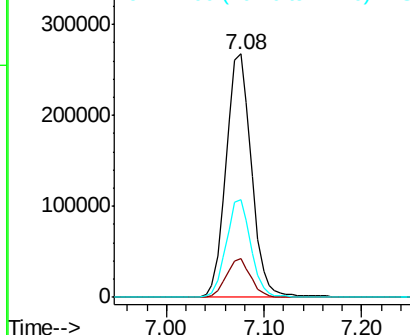
99 100

42 15.8 12.0 18.0

71 40.0 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Tgt Ion: 136 Resp: 231406

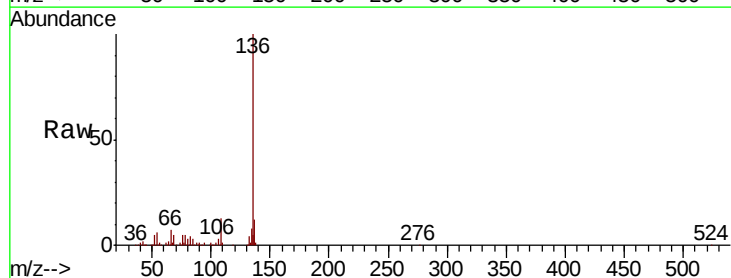
Ion Ratio Lower Upper

136 100

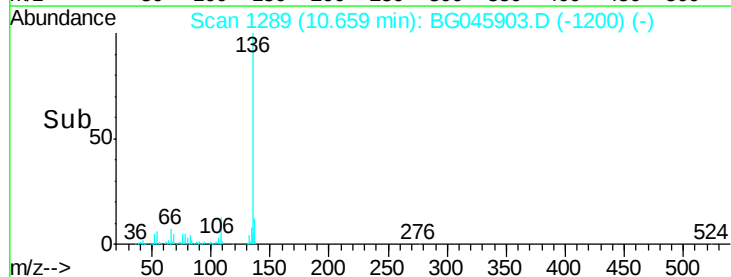
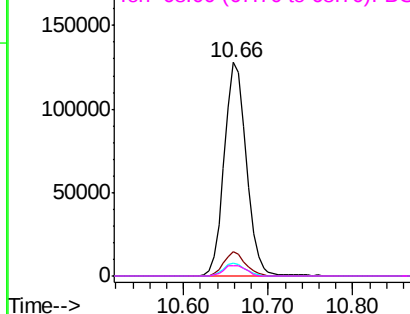
137 11.5 9.4 14.0

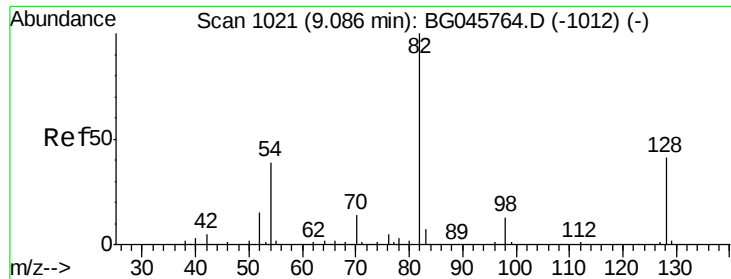
54 5.9 4.9 7.3

68 4.7 3.9 5.9



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

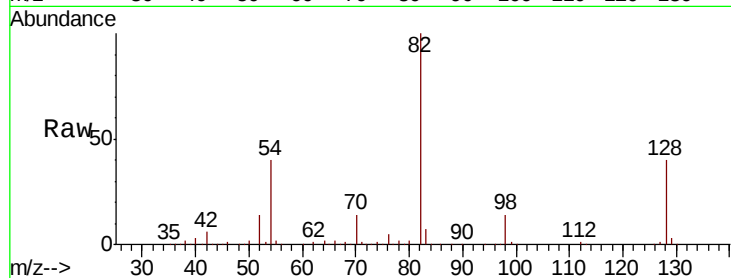




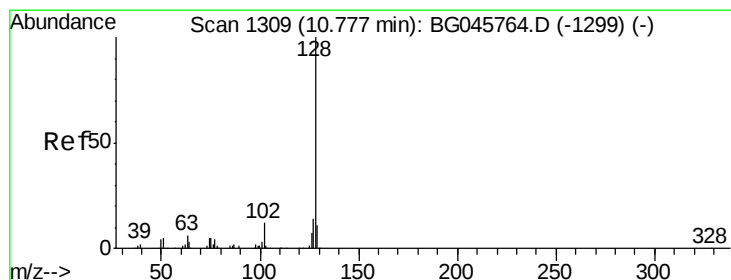
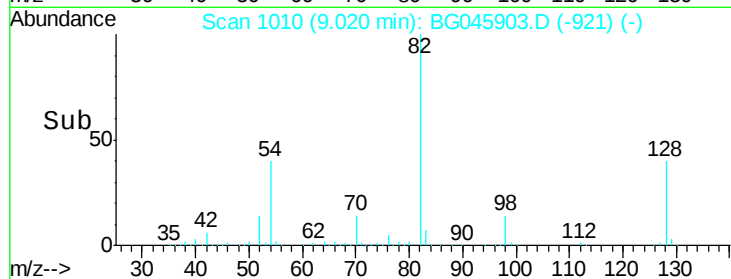
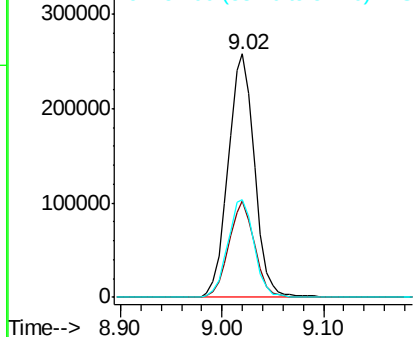
#23
 Nitrobenzene-d5
 Concen: 91.658 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG045903.D
 Acq: 1 Jul 2020 13:03

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420

Tot Ion	82	Resp	464288
Ion Ratio	100	Lower	Upper
128	39.6	31.3	46.9
54	40.2	32.6	49.0

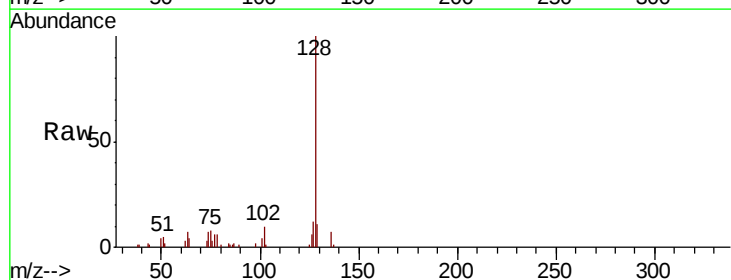


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

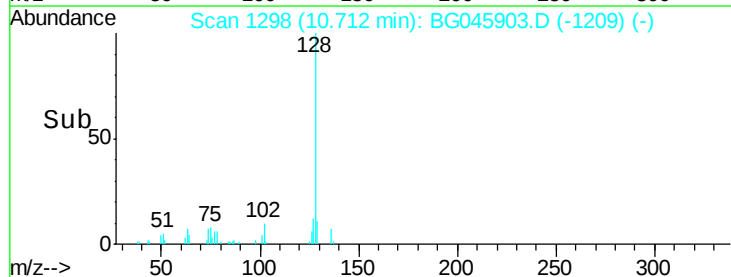
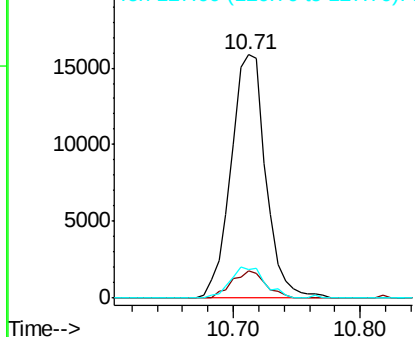


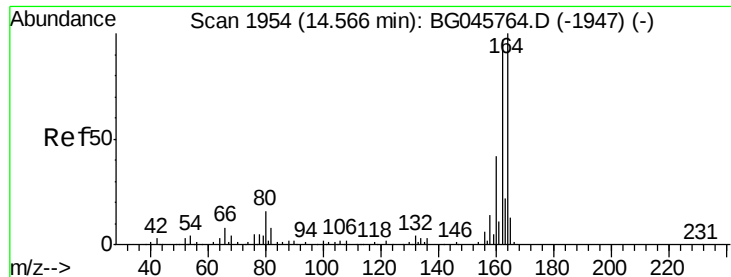
#31
 Naphthalene
 Concen: 2.365 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG045903.D
 Acq: 1 Jul 2020 13:03

Tgt Ion	128	Resp	29918
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.2	9.8	14.8
127	11.7	11.1	16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Instrument :

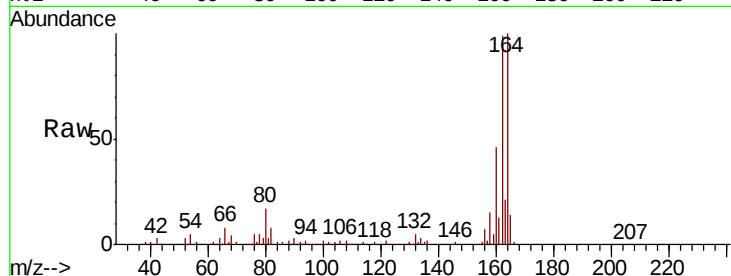
BNA_G

ClientSampleId :

CL-01-062420

Tot Ion:164 Resp: 166339

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	45.7	35.0	52.4

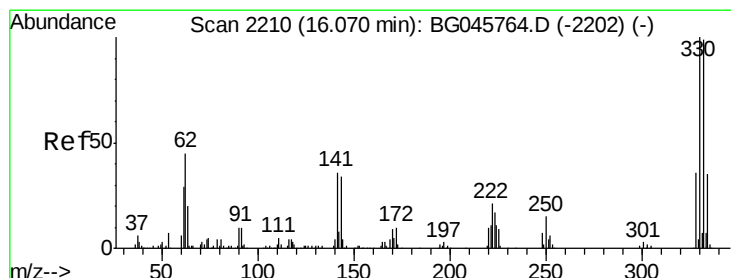
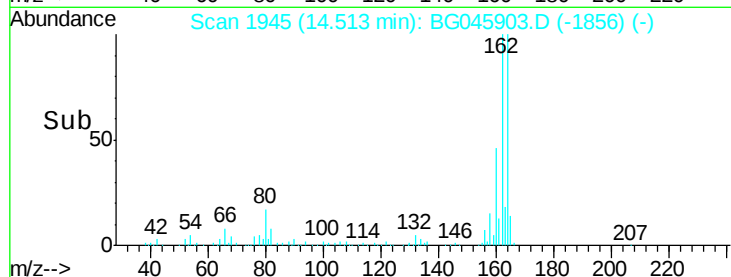
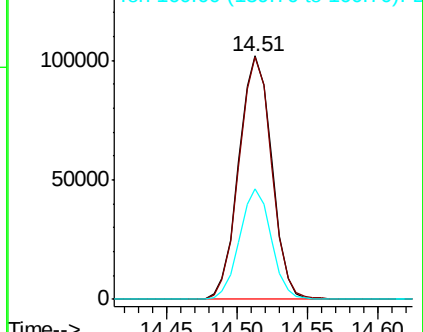


Abundance

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: 139.448 ng

RT: 16.02 min Scan# 2201

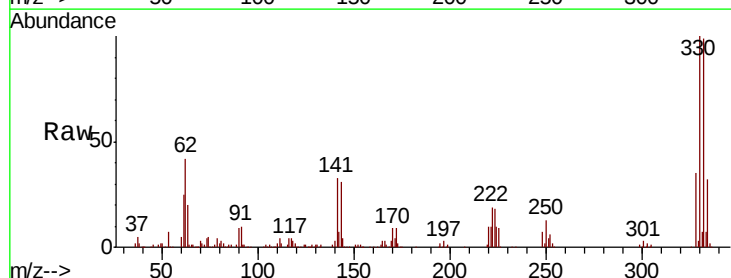
Delta R.T. -0.00 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Tgt Ion:330 Resp: 350193

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	34.9	27.7	41.5

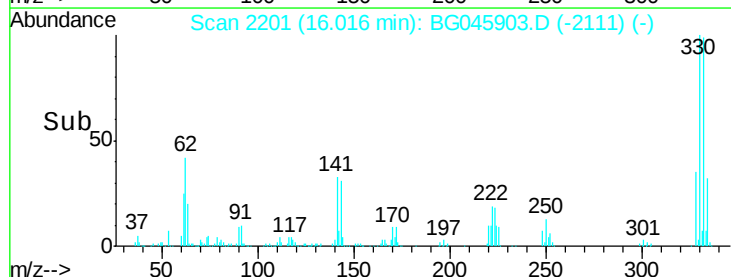
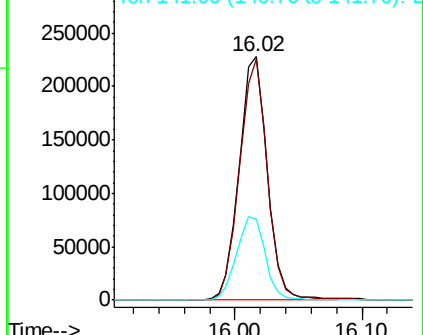


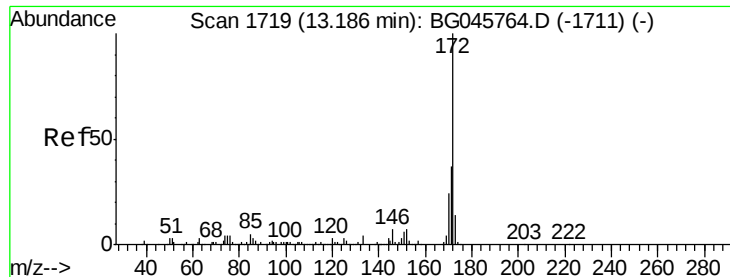
Abundance

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

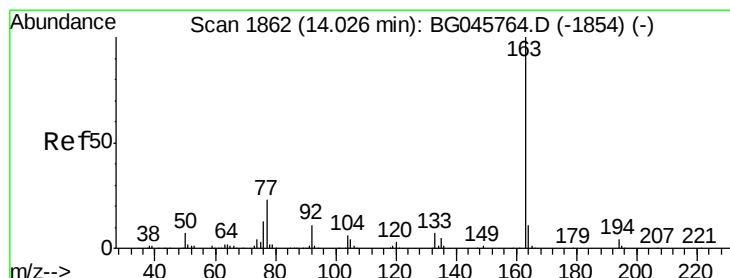
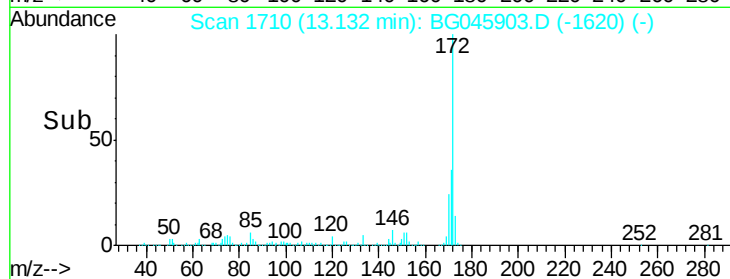
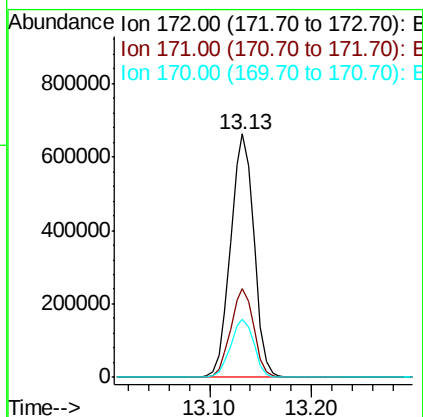
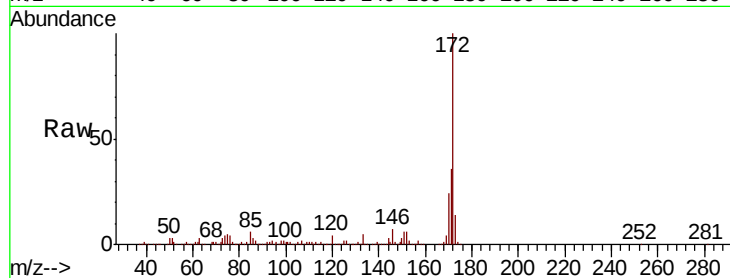




#45
2-Fluorobiphenyl
Concen: 93.399 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045903.D
Acq: 1 Jul 2020 13:03

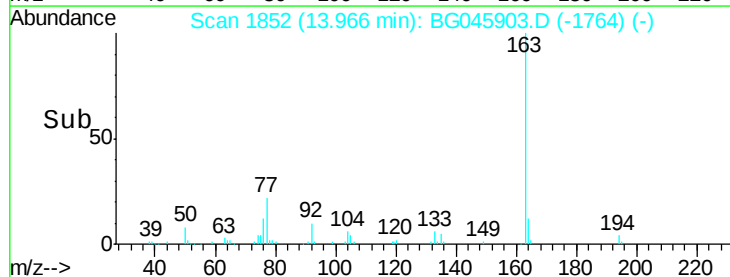
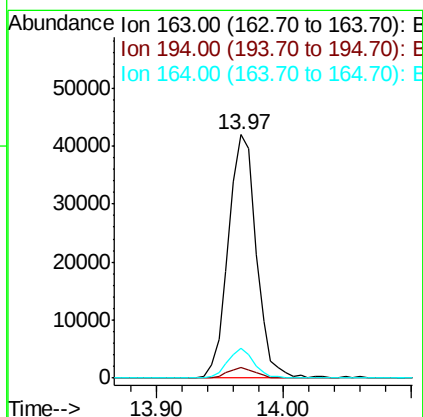
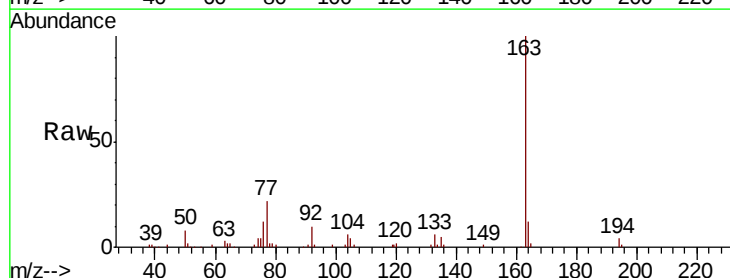
Instrument :
BNA_G
ClientSampleId :
CL-01-062420

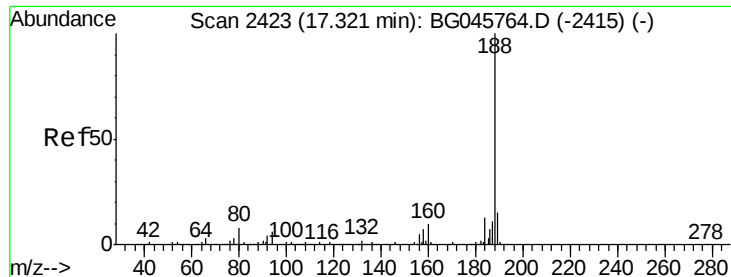
Tot Ion:172 Resp: 1057183
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 4.907 ng
RT: 13.97 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG045903.D
Acq: 1 Jul 2020 13:03

Tgt Ion:163 Resp: 63941
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 12.0 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Instrument :

BNA_G

ClientSampleId :

CL-01-062420

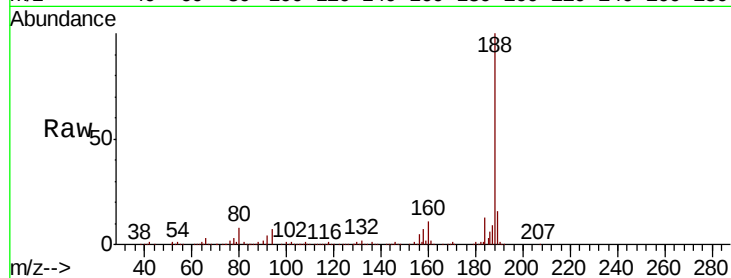
Tot Ion:188 Resp: 382241

Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

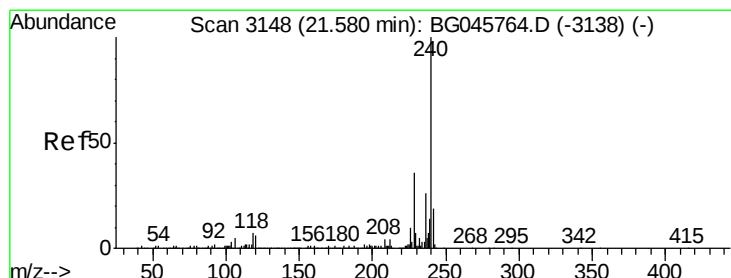
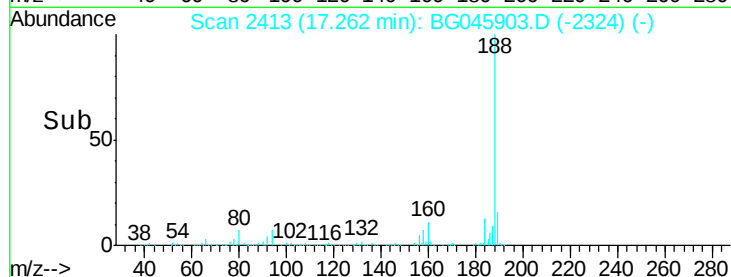
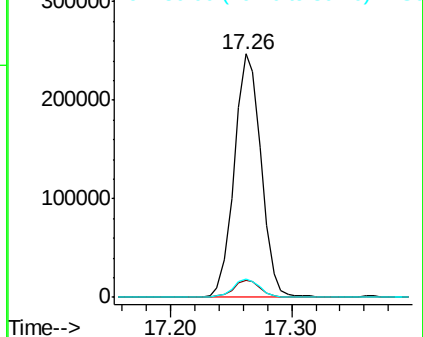
80 7.7 6.6 10.0



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: 21.51 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

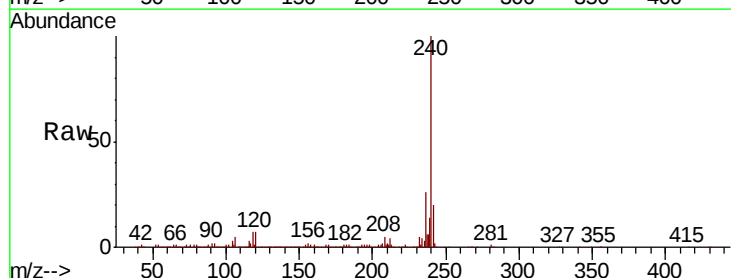
Tgt Ion:240 Resp: 375220

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

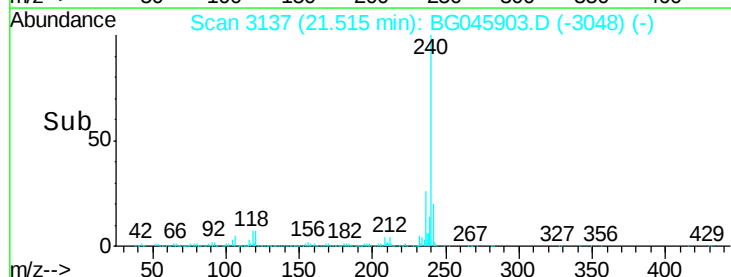
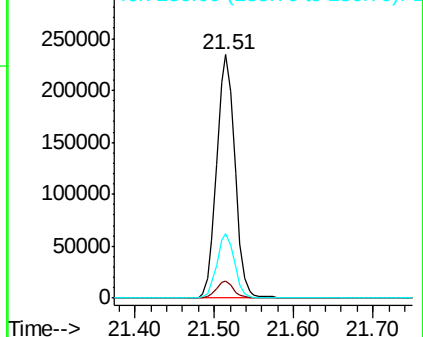
236 26.4 21.3 31.9

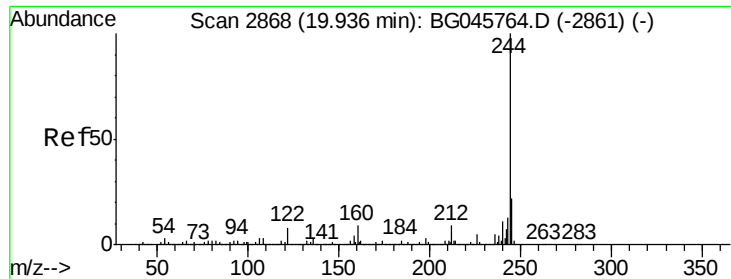


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.974 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

Instrument :

BNA_G

ClientSampleId :

CL-01-062420

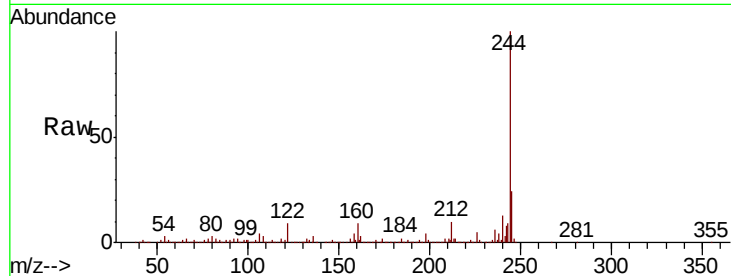
Tot Ion:244 Resp: 1795461

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

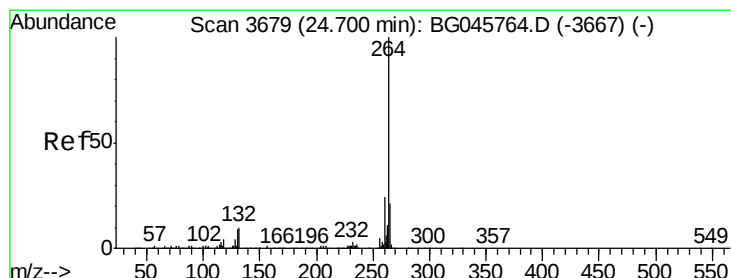
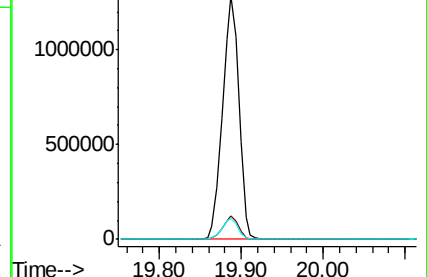
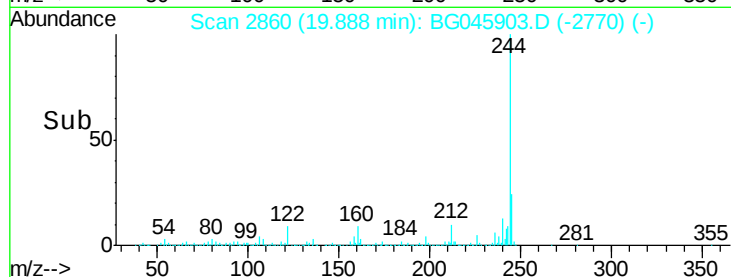
122 8.8 6.9 10.3



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: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG045903.D

Acq: 1 Jul 2020 13:03

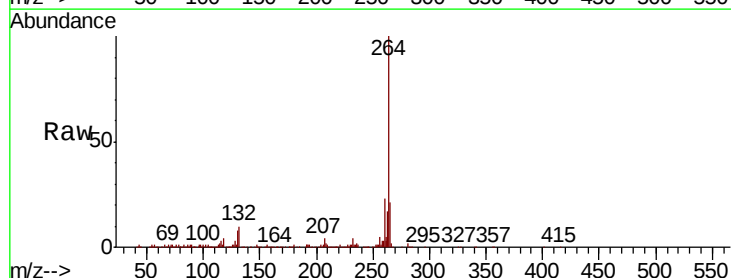
Tgt Ion:264 Resp: 380002

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.4 17.4 26.0



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

