

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043923.D
 Acq On : 4 Jan 2020 15:29
 Operator : JU
 Sample : K6449-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03

Quant Time: Jan 06 06:04:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

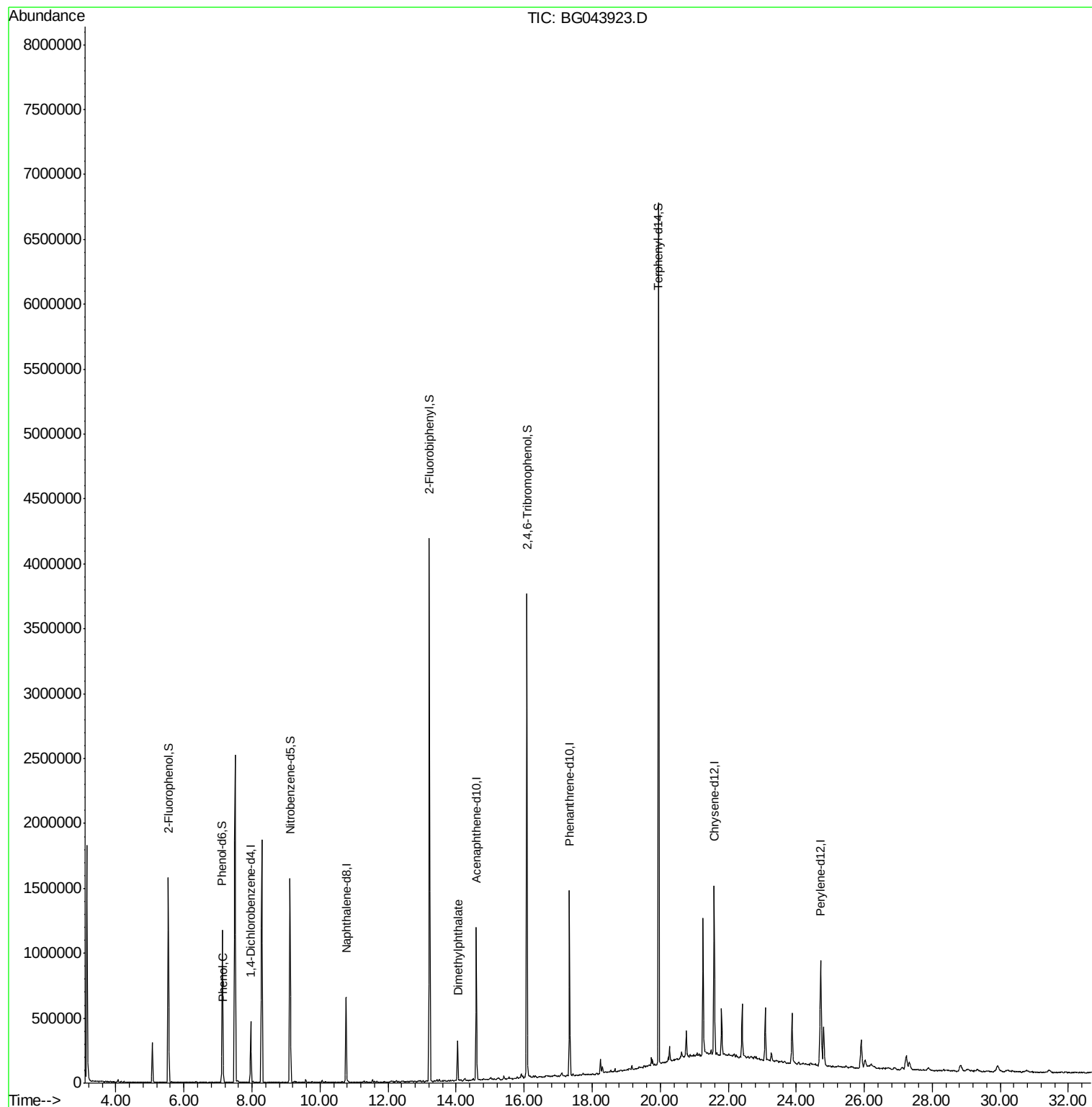
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136491	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	601913	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	409885	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	850874	20.00	ng	0.00
76) Chrysene-d12	21.59	240	715486	20.00	ng	0.00
87) Perylene-d12	24.72	264	806205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	743261	99.99	ng	0.00
7) Phenol-d6	7.13	99	732749	70.52	ng	0.00
23) Nitrobenzene-d5	9.12	82	1008774	89.66	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	659503	153.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2089616	92.36	ng	0.00
79) Terphenyl-d14	19.95	244	2745927	95.54	ng	0.00
Target Compounds						
10) Phenol	7.15	94	25120	2.346	ng	86
50) Dimethylphthalate	14.05	163	211247	7.258	ng	98

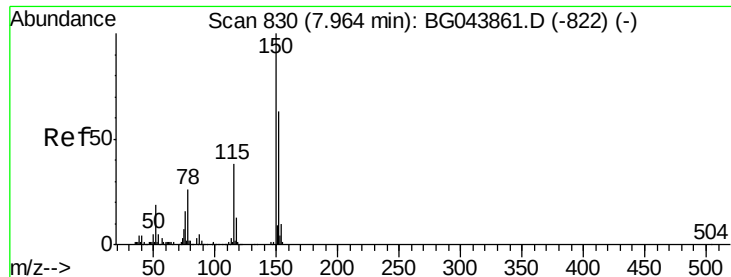
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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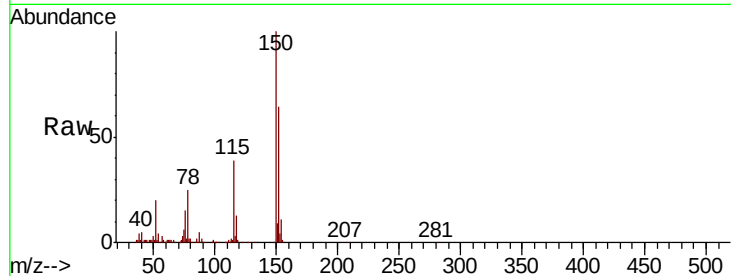


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Instrument :
BNA_G
ClientSampleId :
LW-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.4
115	60.5	47.8	71.8

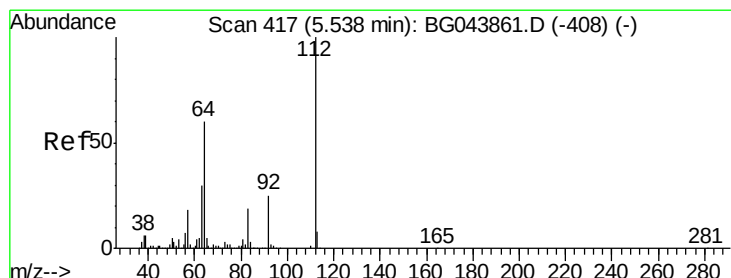
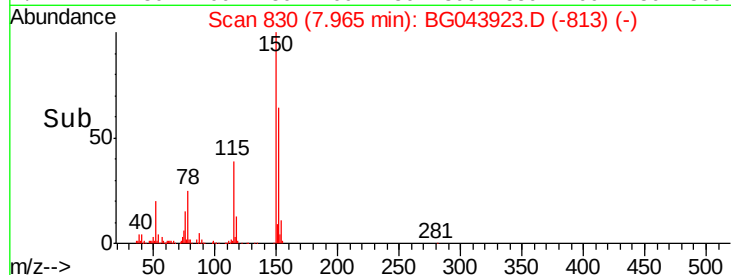
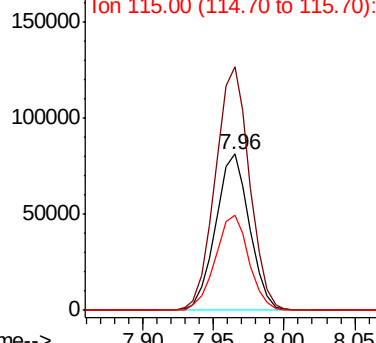


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

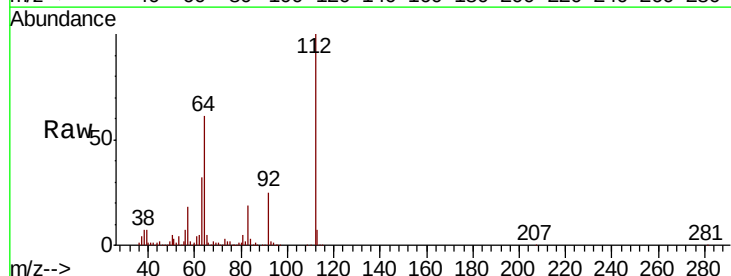
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.986 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.8	71.6
63	31.9	24.3	36.5

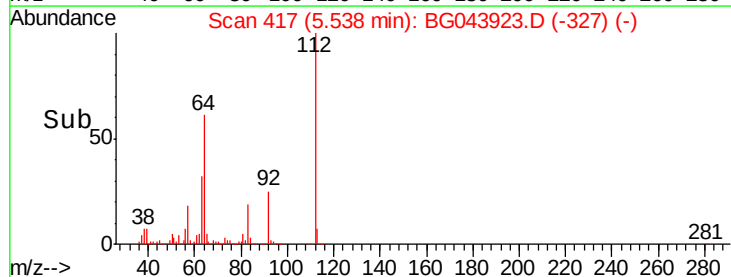
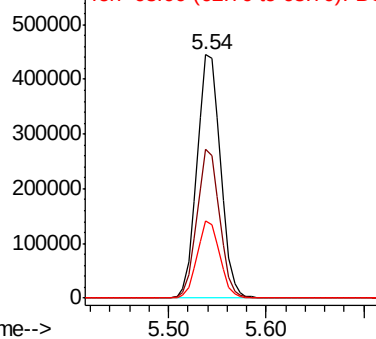


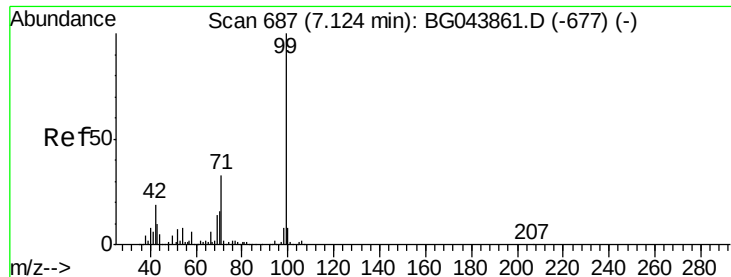
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 70.518 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Instrument :

BNA_G

ClientSampleId :

LW-03

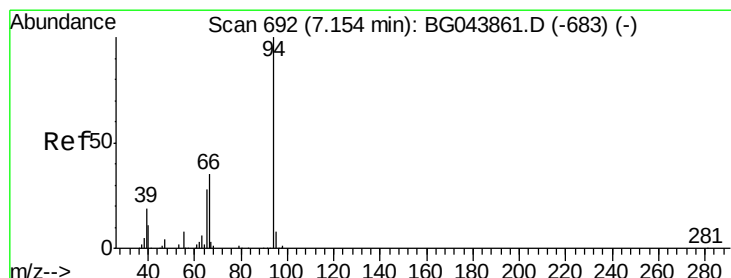
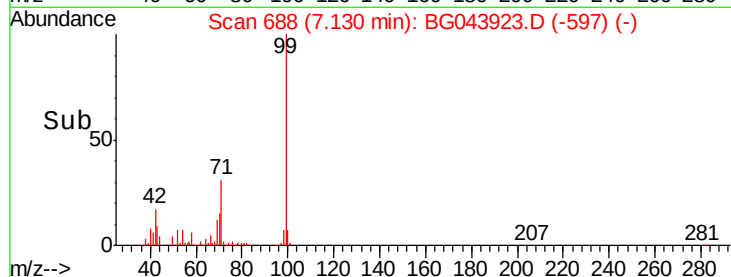
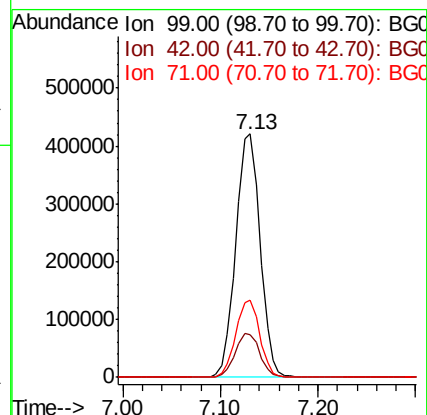
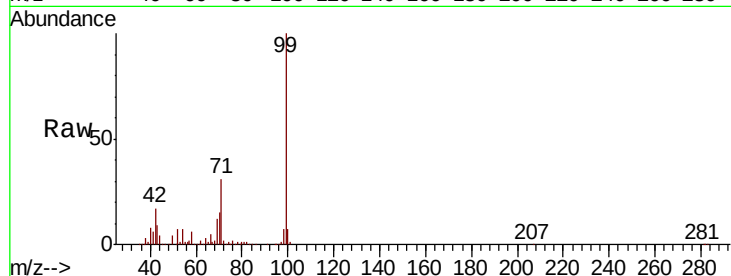
Tot Ion: 99 Resp: 732749

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 31.5 26.4 39.6



#10

Phenol

Concen: 2.346 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

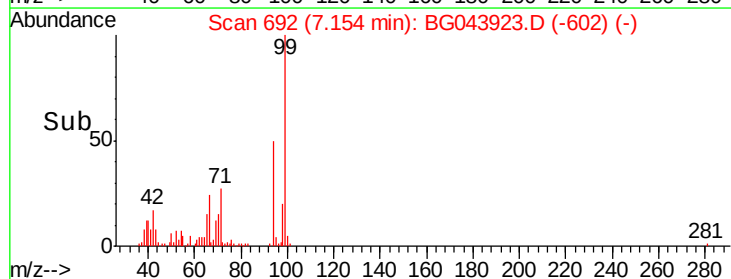
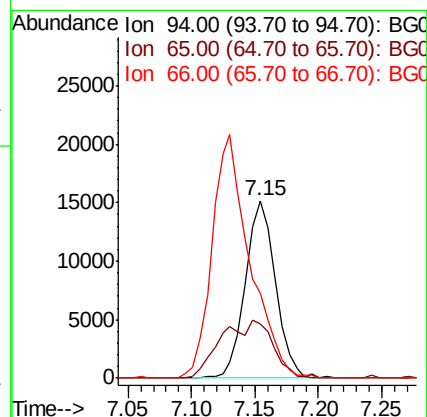
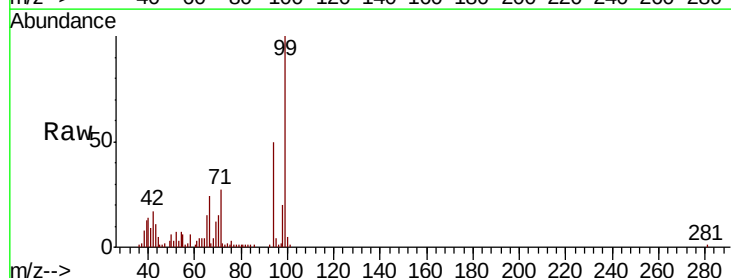
Tgt Ion: 94 Resp: 25120

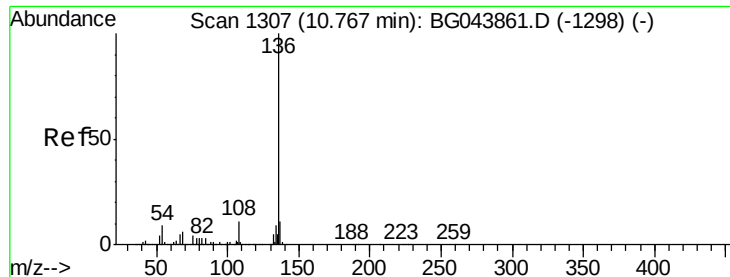
Ion Ratio Lower Upper

94 100

65 30.7 8.1 48.1

66 47.5 15.6 55.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Instrument :

BNA_G

ClientSampled :

LW-03

Tot Ion:136 Resp: 601913

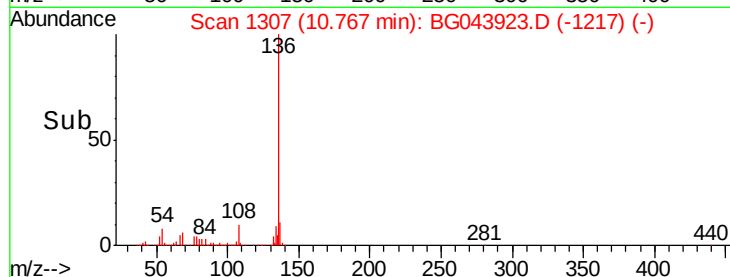
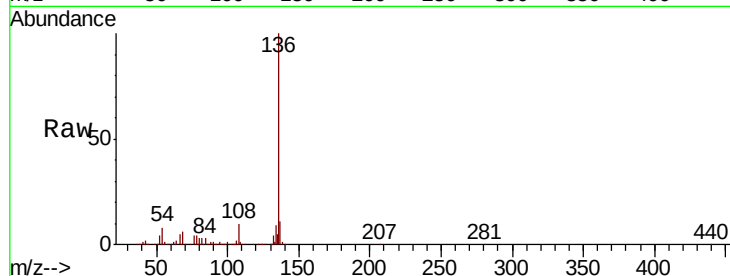
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	7.0	10.4
68	6.1	4.9	7.3

136 100

137 10.6 8.8 13.2

54 8.1 7.0 10.4

68 6.1 4.9 7.3

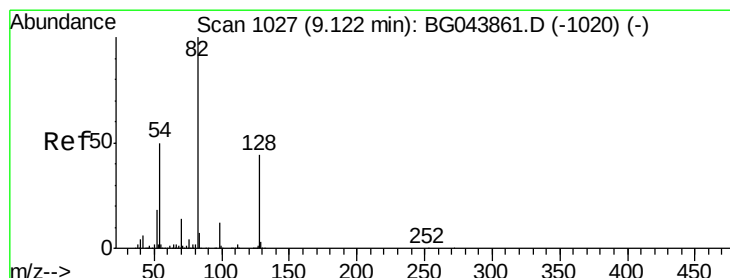
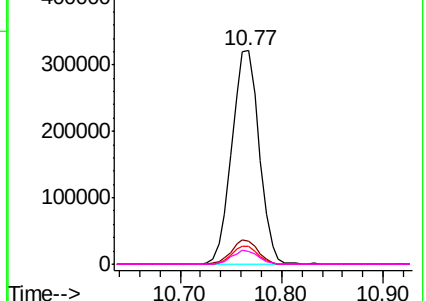


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.656 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

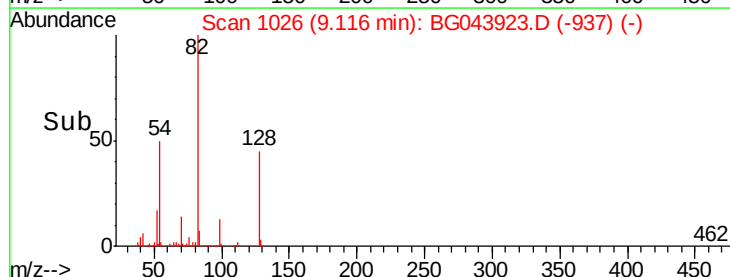
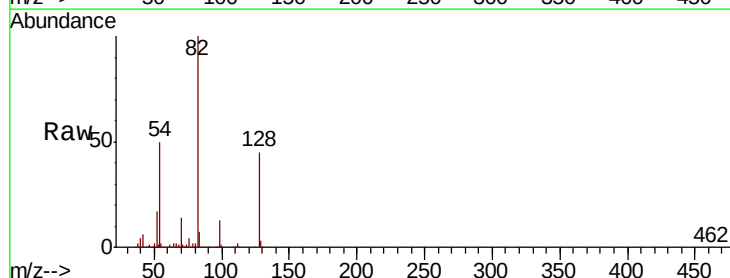
Tgt Ion: 82 Resp: 1008774

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	49.9	40.1	60.1

82 100

128 45.0 35.1 52.7

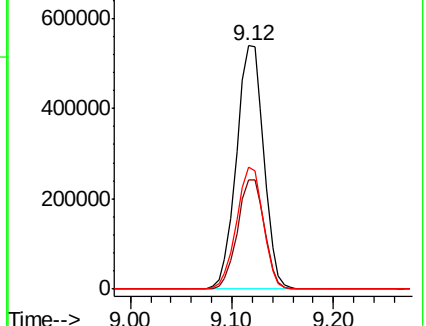
54 49.9 40.1 60.1

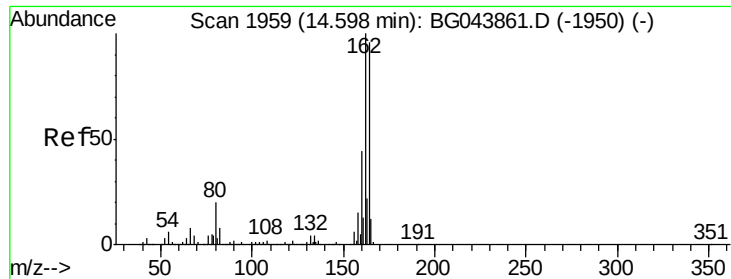


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Instrument :

BNA_G

ClientSampleId :

LW-03

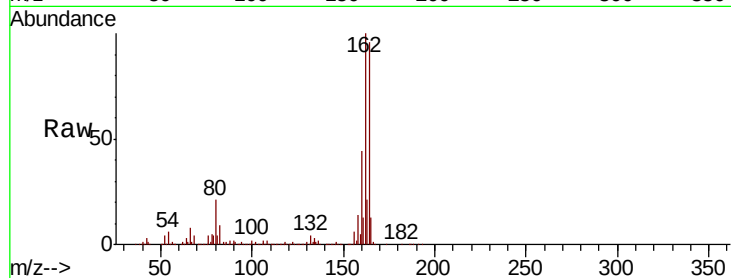
Tot Ion:164 Resp: 409885

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

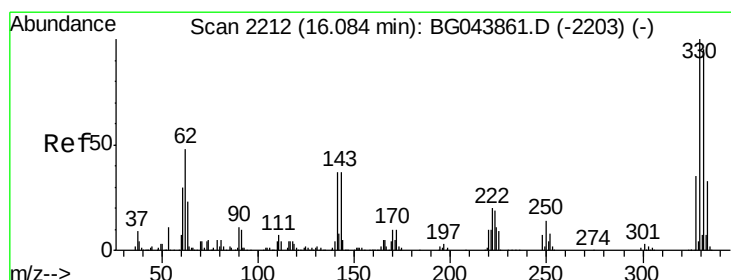
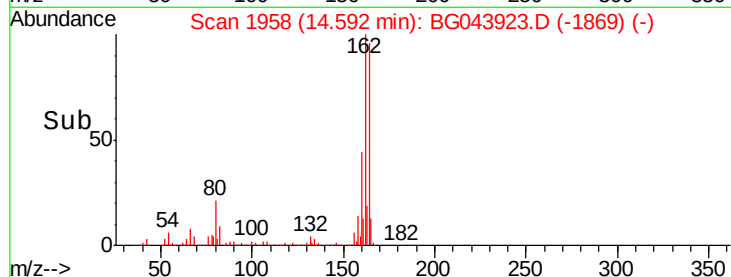
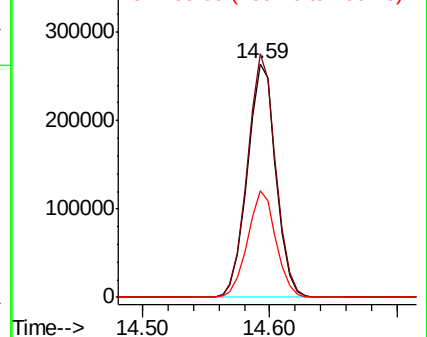
160 45.7 36.1 54.1



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: 153.753 ng

RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

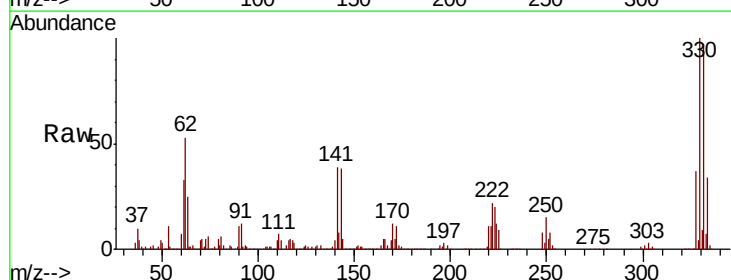
Tgt Ion:330 Resp: 659503

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

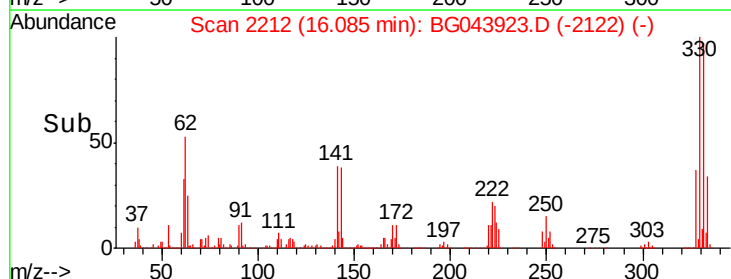
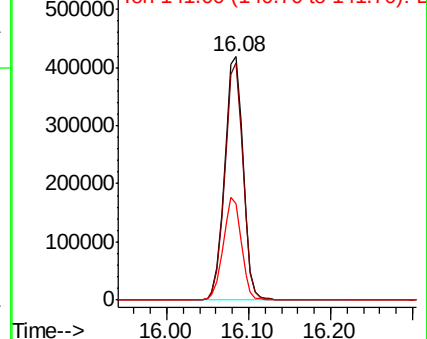
141 41.3 33.1 49.7

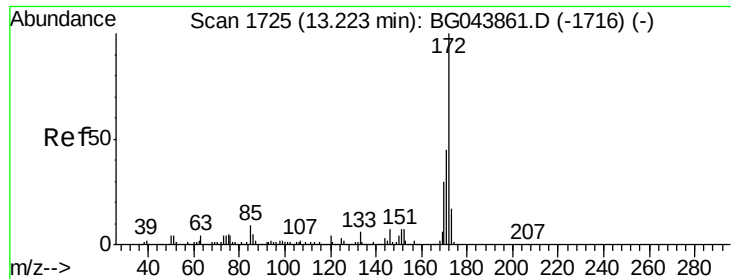


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

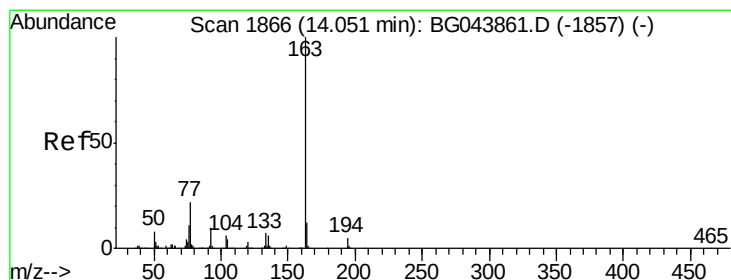
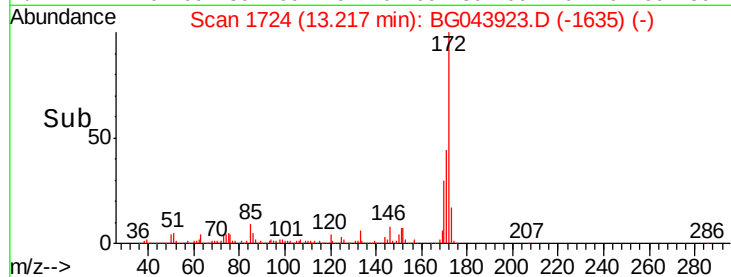
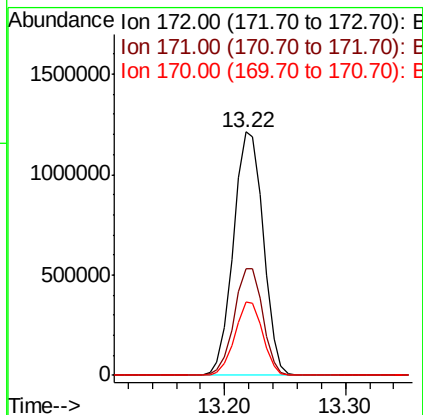
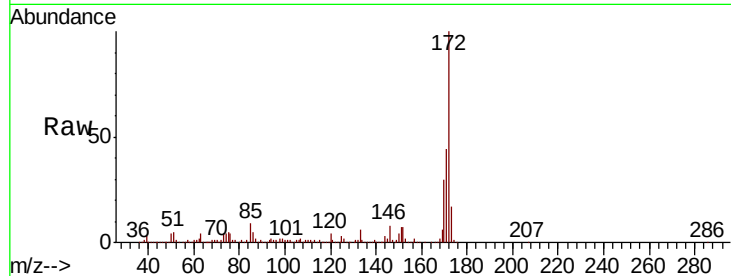




#45
2-Fluorobiphenyl
Concen: 92.365 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

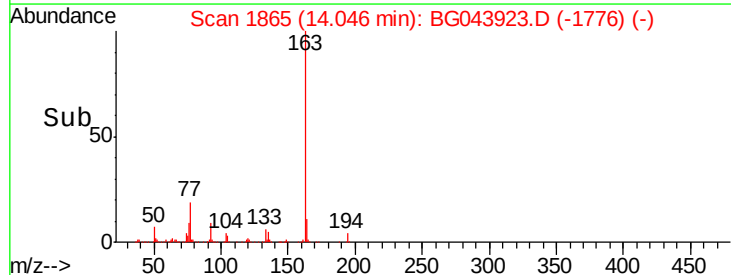
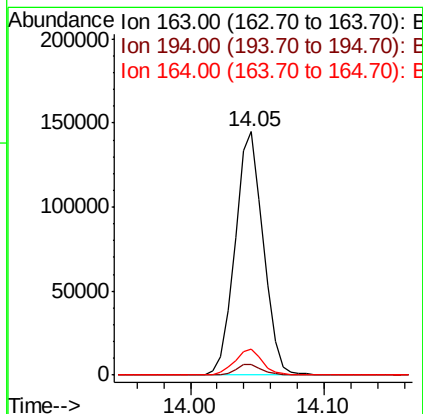
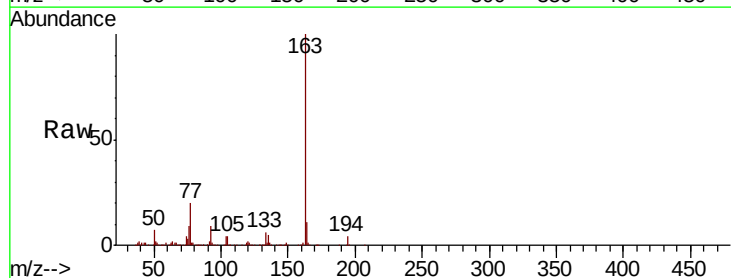
Instrument :
BNA_G
ClientSampleId :
LW-03

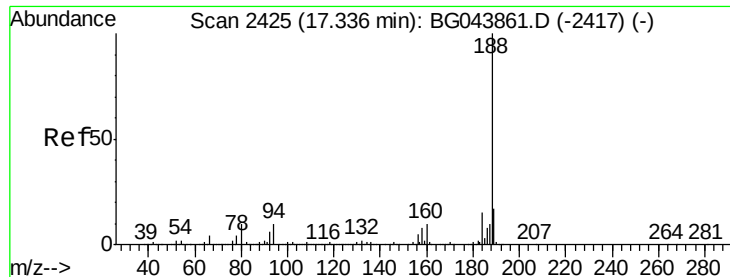
Tot Ion:172 Resp: 2089616
Ion Ratio Lower Upper
172 100
171 43.7 35.8 53.8
170 30.3 24.2 36.4



#50
Dimethylphthalate
Concen: 7.258 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion:163 Resp: 211247
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.8 9.3 13.9

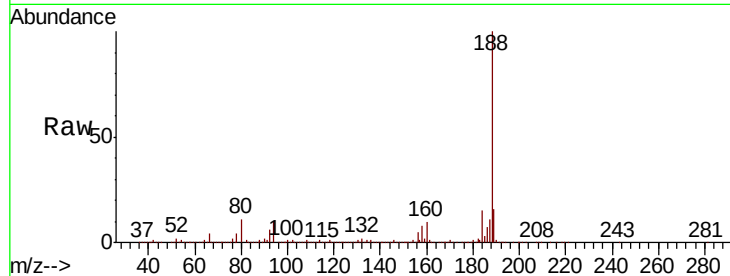




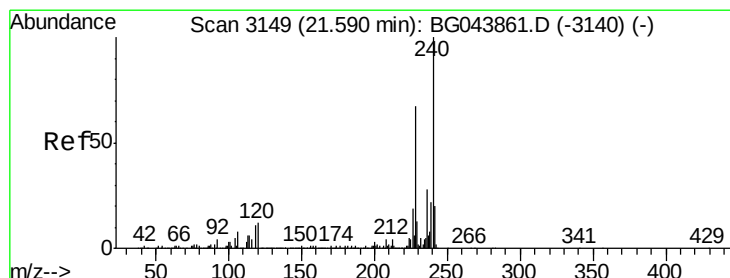
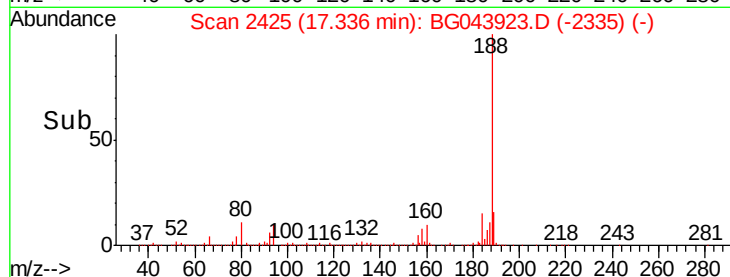
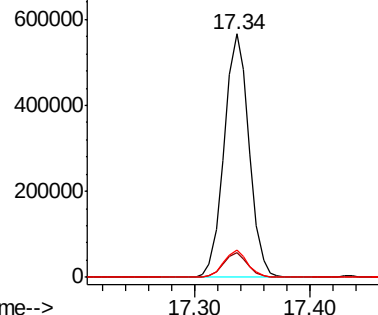
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Instrument :
BNA_G
ClientSampleId :
LW-03

Tot Ion:188 Resp: 850874
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.0 8.2 12.4

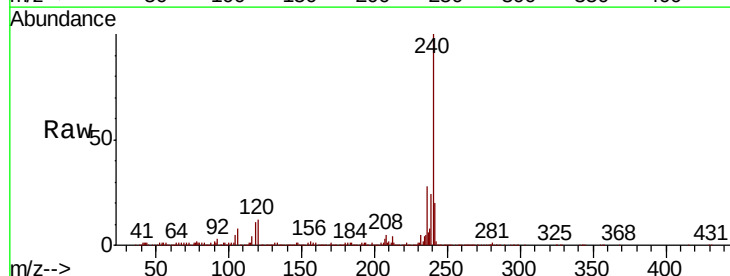


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

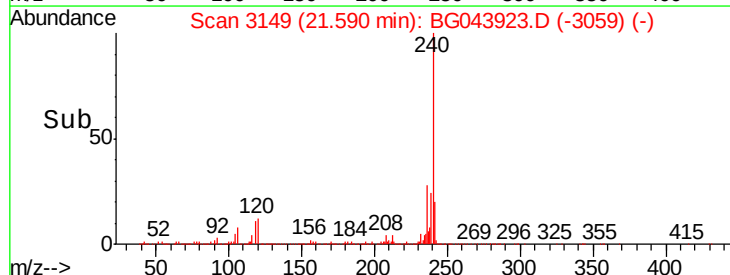
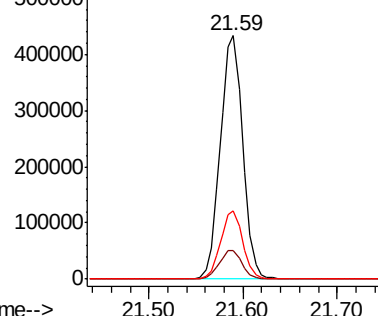


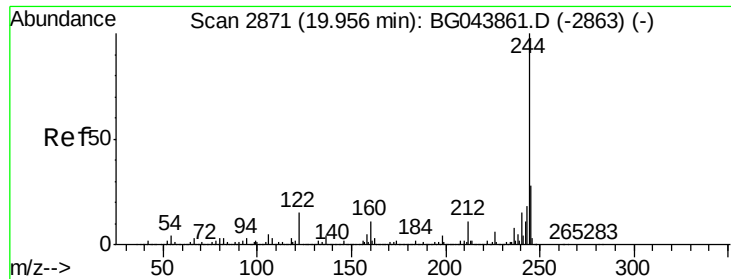
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion:240 Resp: 715486
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 27.8 22.2 33.2



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

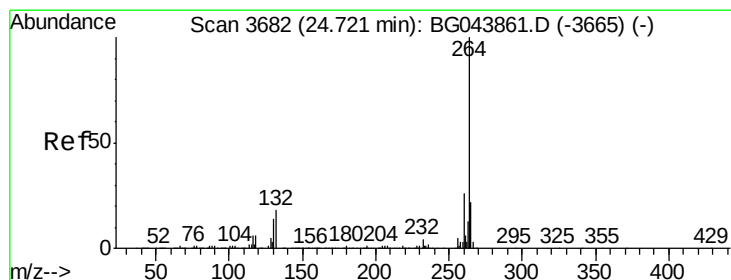
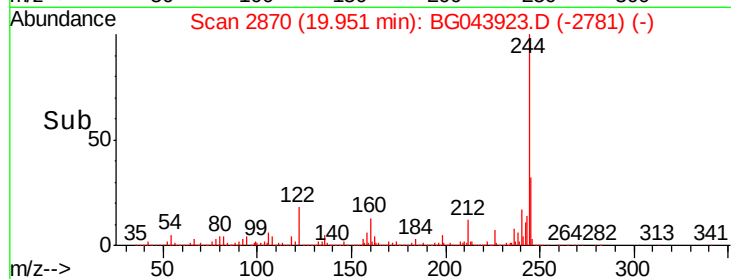
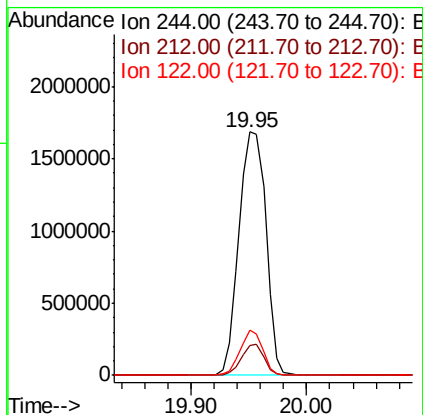
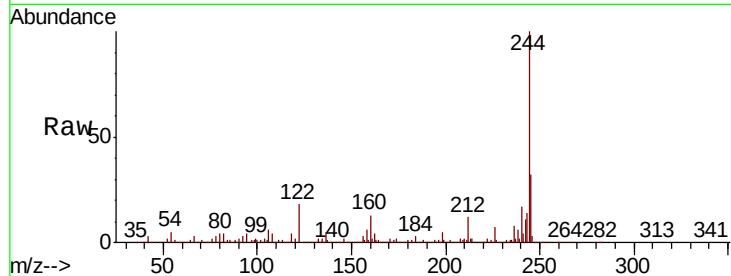




#79
 Terphenyl-d14
 Concen: 95.536 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043923.D
 Acq: 4 Jan 2020 15:29

Instrument :
 BNA_G
 ClientSampleId :
 LW-03

Tot Ion:244 Resp: 2745927
 Ion Ratio Lower Upper
 244 100
 212 12.5 8.6 13.0
 122 18.4 11.9 17.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043923.D
 Acq: 4 Jan 2020 15:29

Tgt Ion:264 Resp: 806205
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.4 30.6
 265 22.7 17.4 26.2

