

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043579.D
 Acq On : 8 Nov 2019 21:15
 Operator : JU
 Sample : K5742-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)

Quant Time: Nov 11 03:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

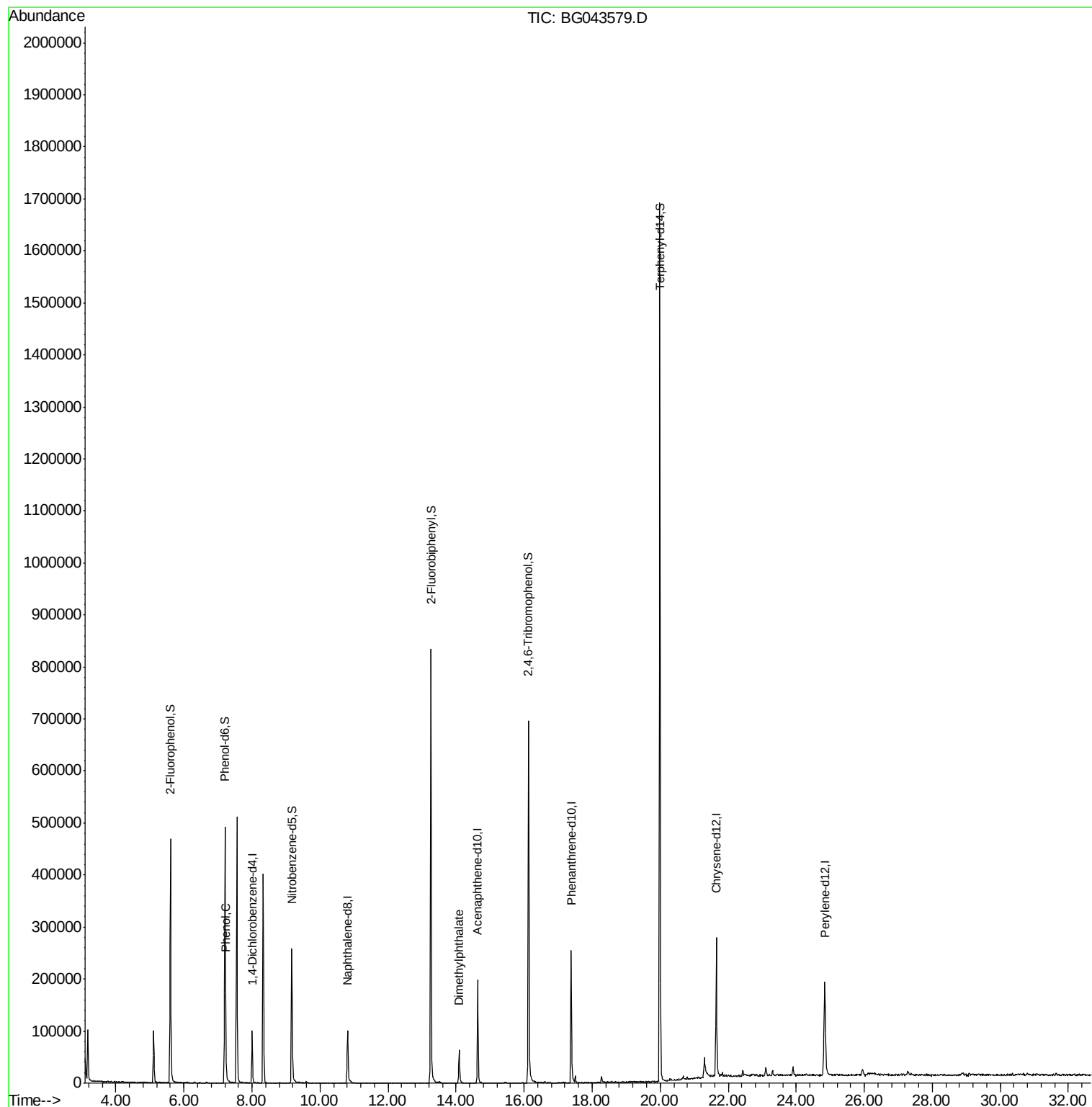
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29037	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104226	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	82666	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	194048	20.00	ng	0.00
76) Chrysene-d12	21.65	240	190571	20.00	ng	0.00
87) Perylene-d12	24.83	264	217167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215469	135.98	ng	0.00
7) Phenol-d6	7.21	99	307443	134.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	182734	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	181432	115.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	488111	81.59	ng	0.00
79) Terphenyl-d14	19.99	244	917858	90.36	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12353	5.929	ng	86
50) Dimethylphthalate	14.09	163	54228	8.469	ng	# 99

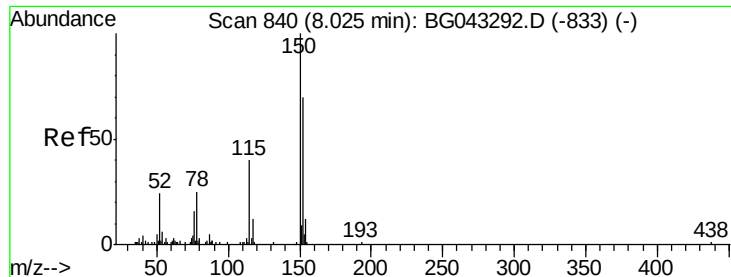
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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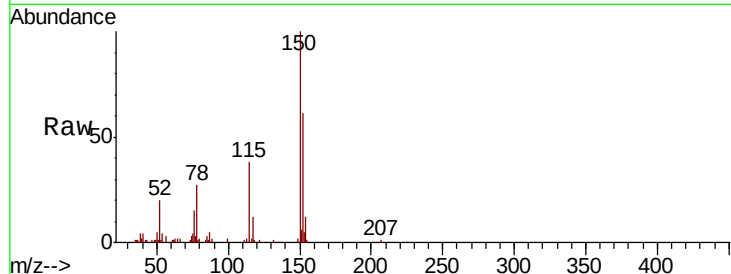


#1

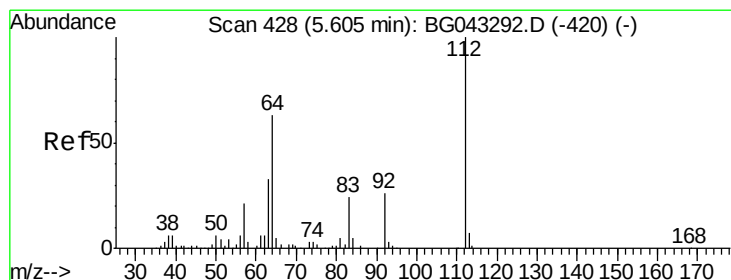
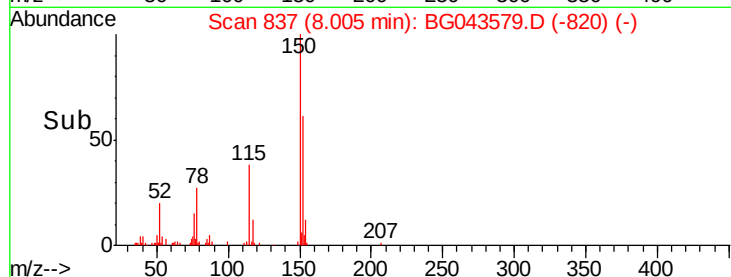
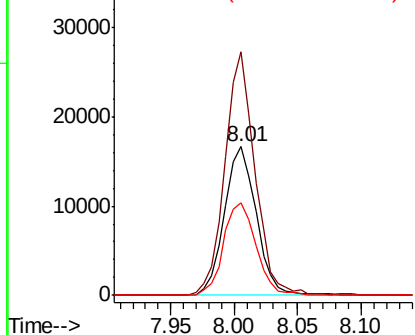
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tot Ion	152	Resp	29037
Ion	Ratio	Lower	Upper
152	100		
150	164.1	129.4	194.0
115	62.1	48.8	73.2



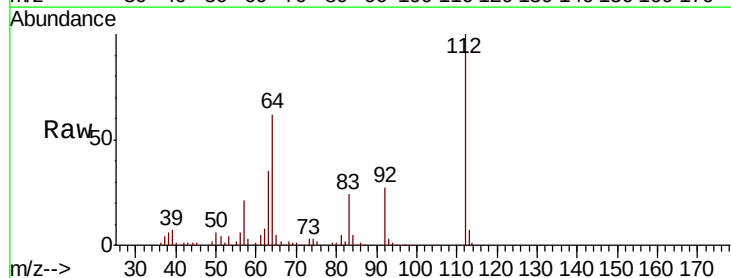
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



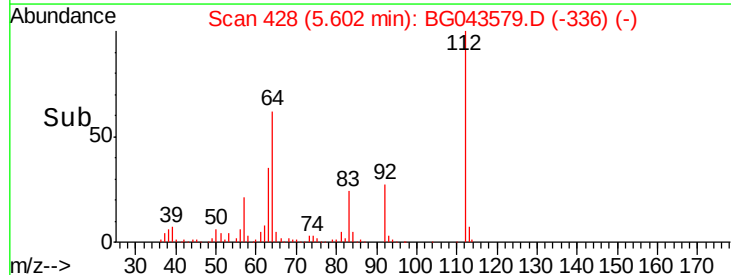
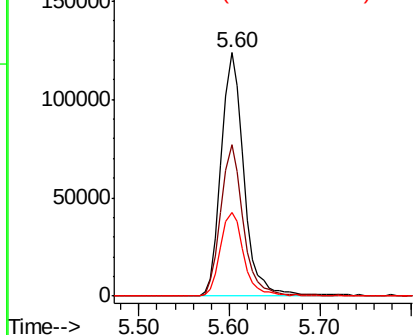
#5

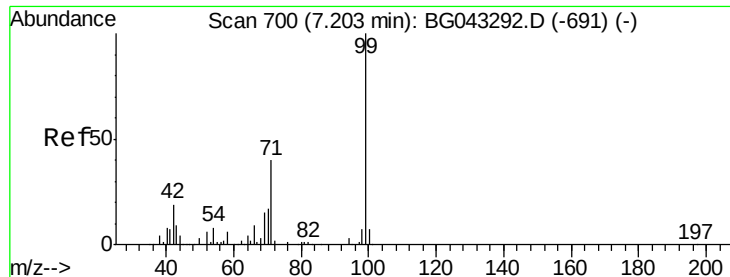
2-Fluorophenol
Concen: 135.977 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion	112	Resp	215469
Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.0	75.0
63	34.6	26.6	40.0



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: 134.851 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampled :

SB-38-(2-4)

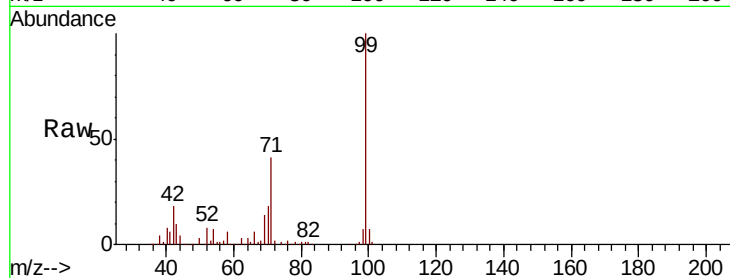
Tot Ion: 99 Resp: 307443

Ion Ratio Lower Upper

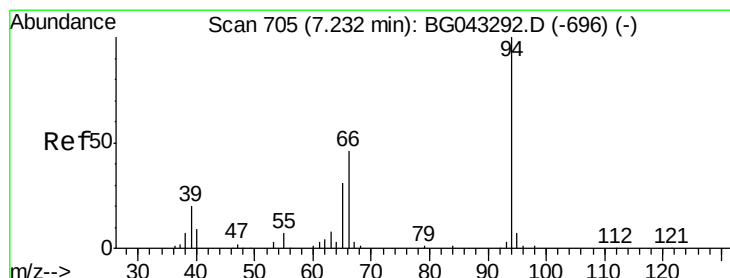
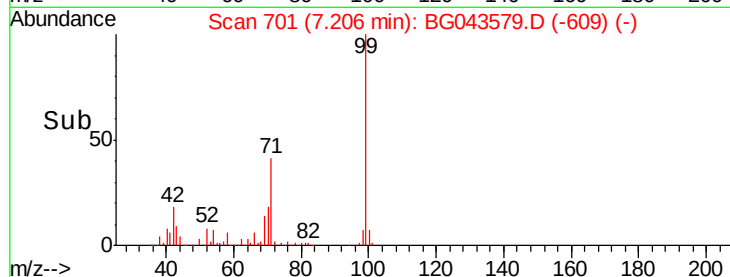
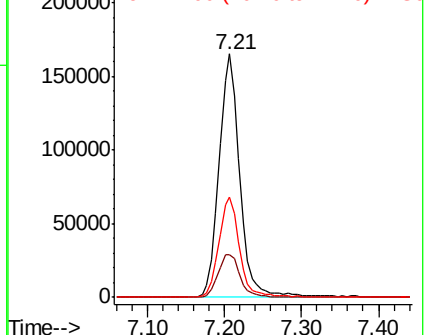
99 100

42 17.7 14.6 21.8

71 41.2 32.5 48.7



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: 5.929 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

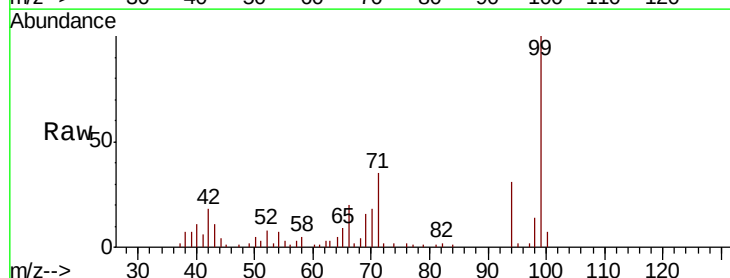
Tgt Ion: 94 Resp: 12353

Ion Ratio Lower Upper

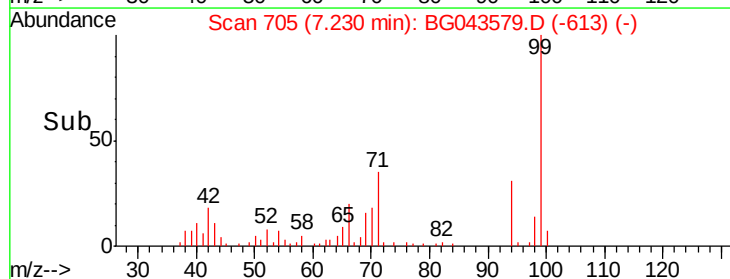
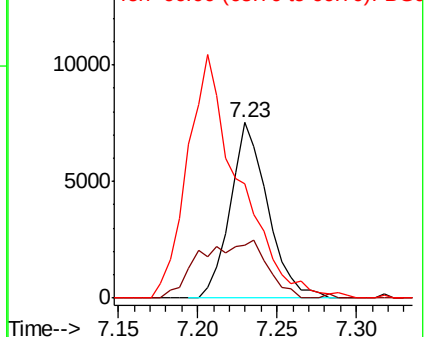
94 100

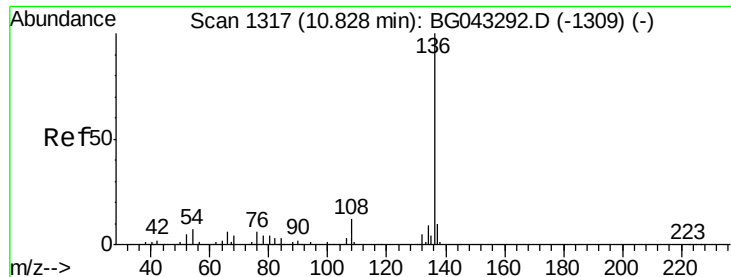
65 30.4 12.6 52.6

66 65.1 30.7 70.7



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

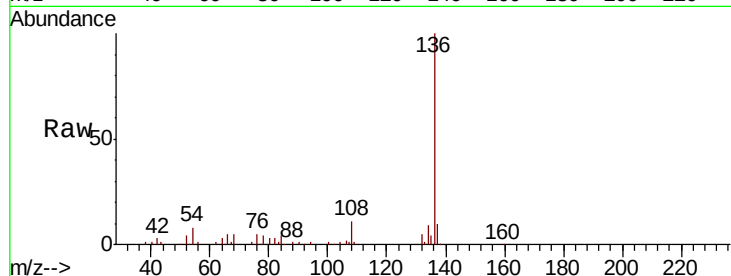




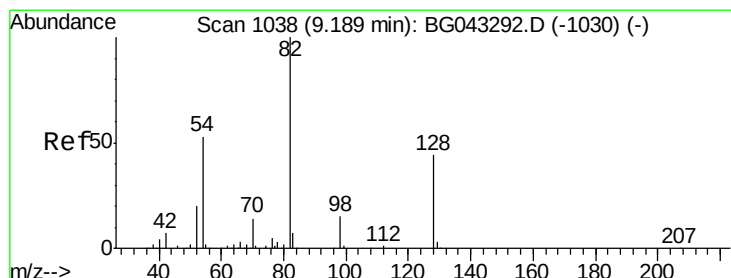
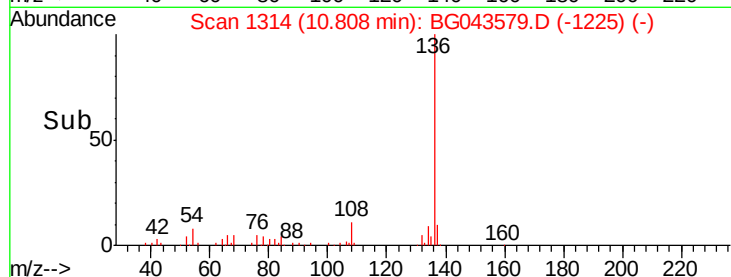
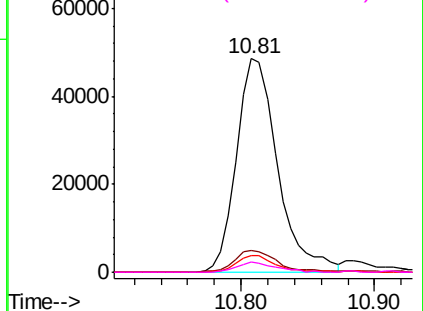
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

Tot Ion:136	Resp:	104226
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.7 13.1
54	7.7	5.4 8.2
68	4.7	3.0 4.4#

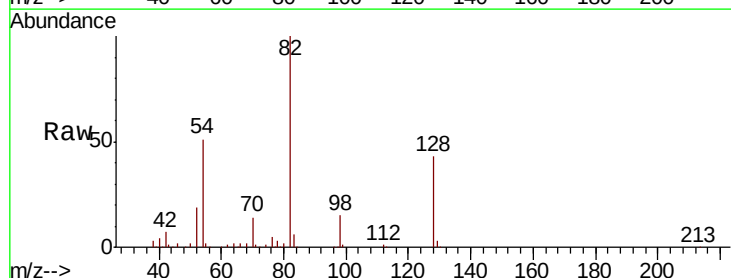


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

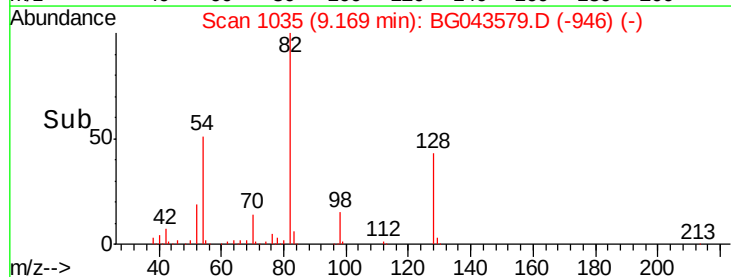
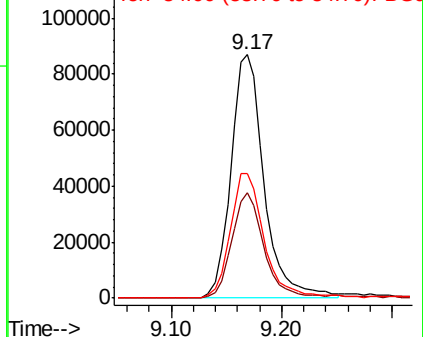


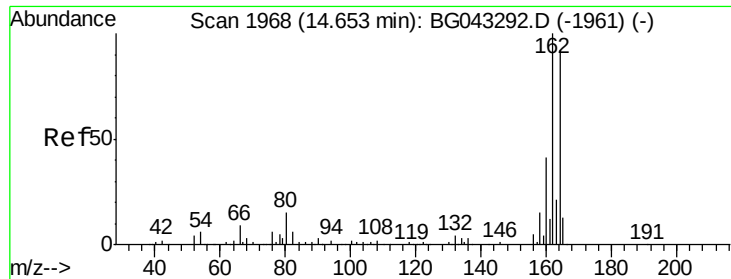
#23
Nitrobenzene-d5
Concen: 90.388 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion: 82	Resp:	182734
Ion Ratio	Lower	Upper
82	100	
128	43.0	35.0 52.6
54	51.4	40.2 60.2



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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

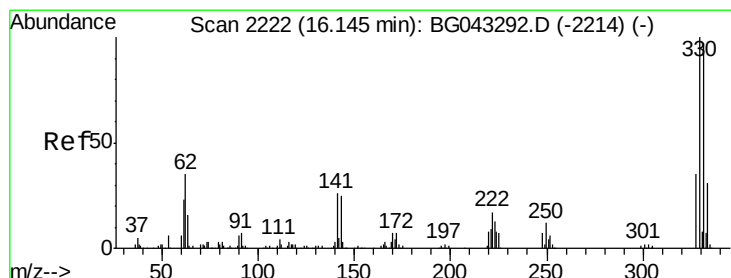
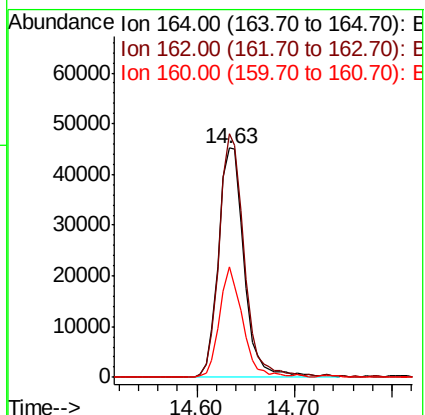
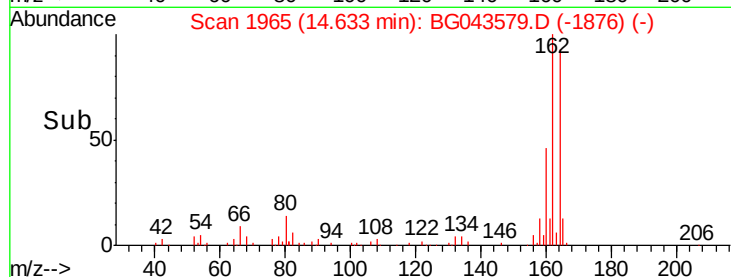
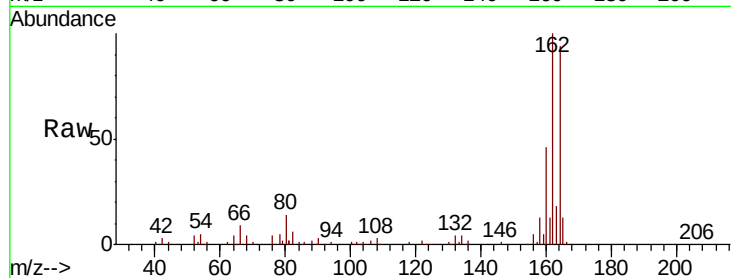
BNA_G

ClientSampleId :

SB-38-(2-4)

Tot Ion:164 Resp: 82666

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.5	125.3
160	48.4	36.5	54.7



#42

2,4,6-Tribromophenol

Concen: 115.331 ng

RT: 16.13 min Scan# 2220

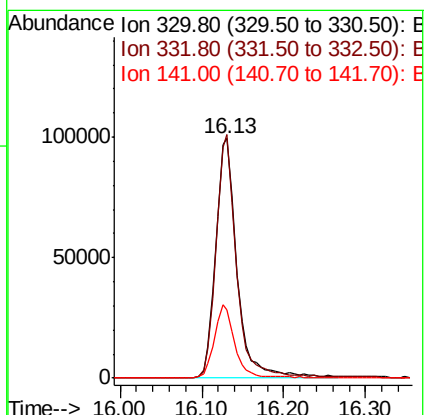
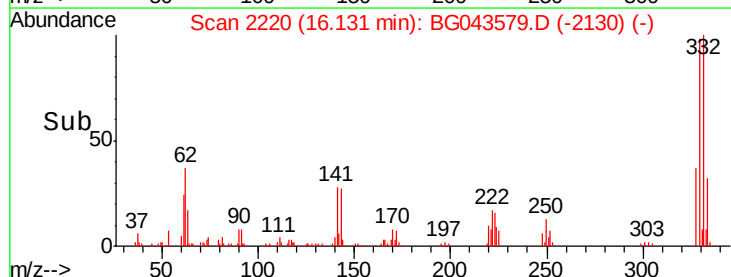
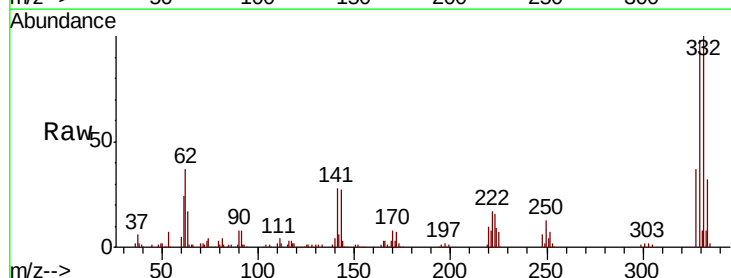
Delta R.T. -0.00 min

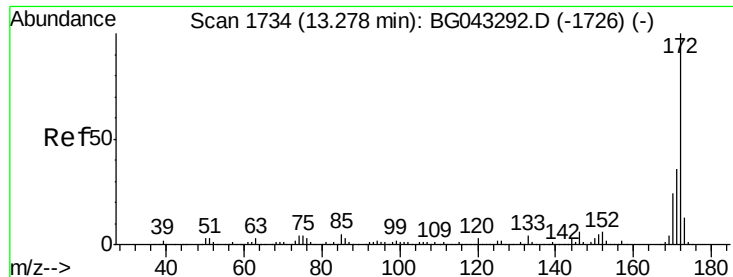
Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Tgt Ion:330 Resp: 181432

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	29.3	22.8	34.2

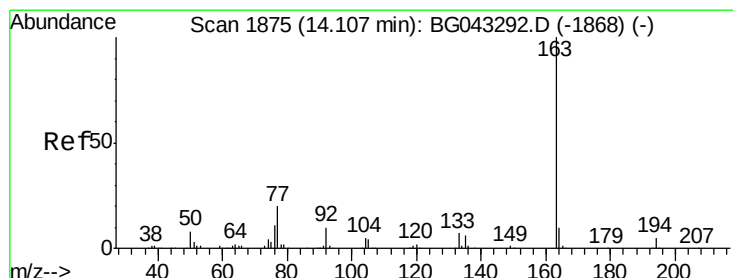
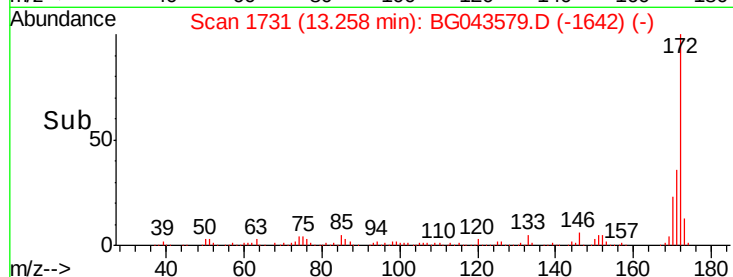
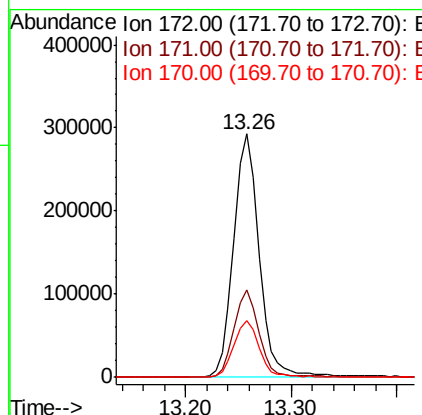
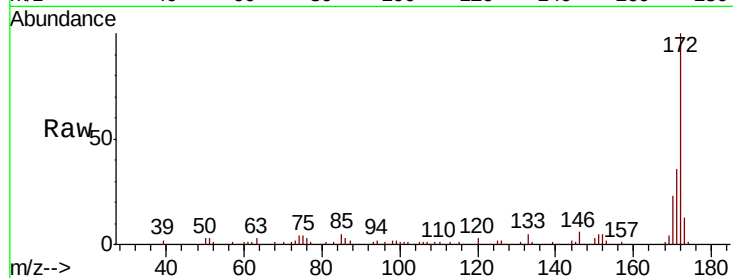




#45
2-Fluorobiphenyl
Concen: 81.590 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

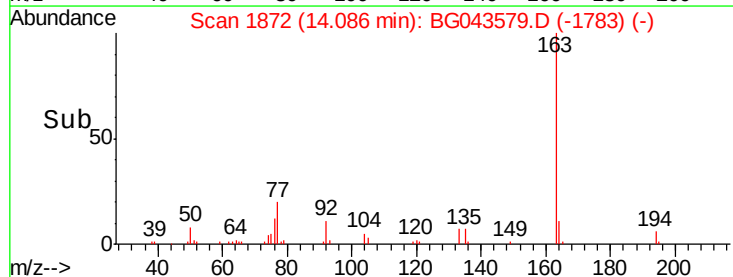
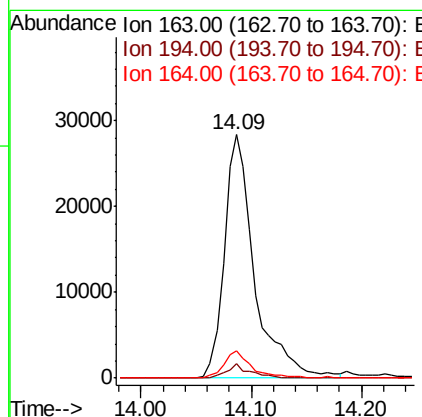
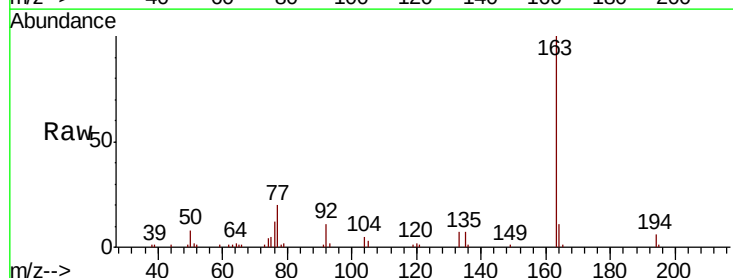
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)

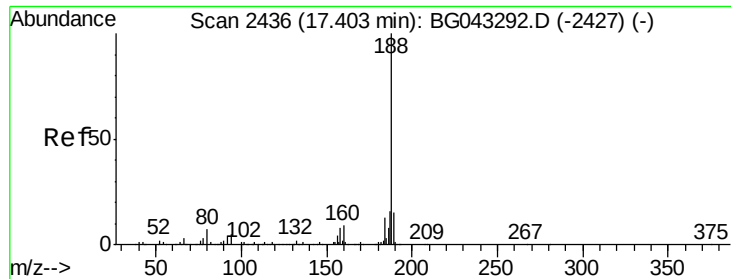
Tot Ion:172 Resp: 488111
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 18.5 27.7



#50
Dimethylphthalate
Concen: 8.469 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043579.D
Acq: 8 Nov 2019 21:15

Tgt Ion:163 Resp: 54228
Ion Ratio Lower Upper
163 100
194 6.0 3.8 5.6#
164 11.0 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

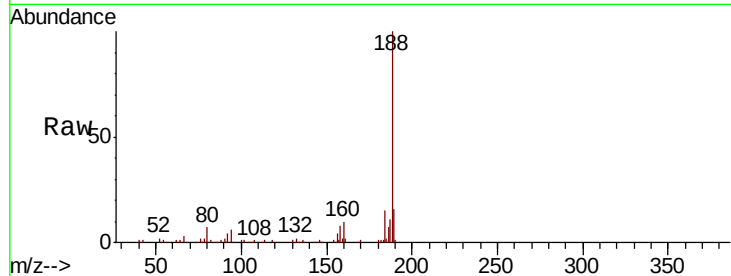
Tot Ion:188 Resp: 194048

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

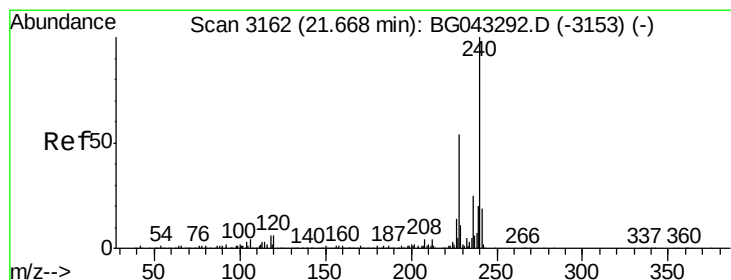
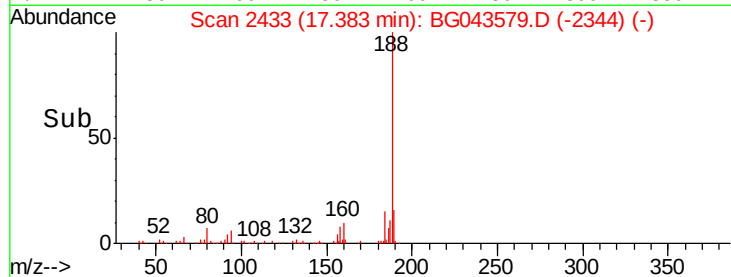
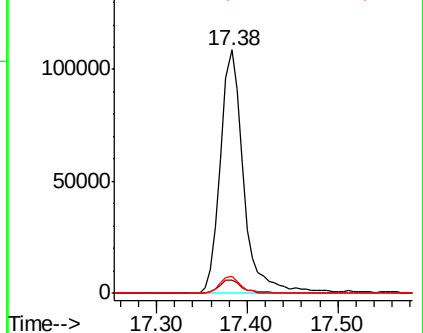
80 6.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

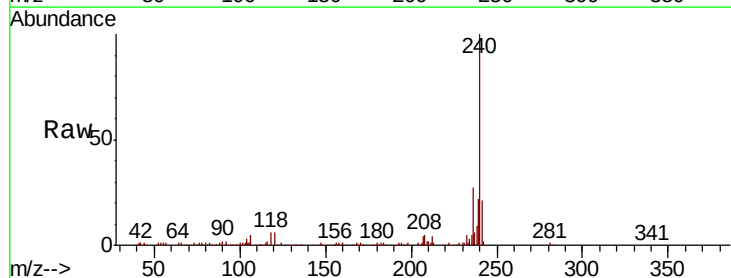
Tgt Ion:240 Resp: 190571

Ion Ratio Lower Upper

240 100

120 6.5 4.6 6.8

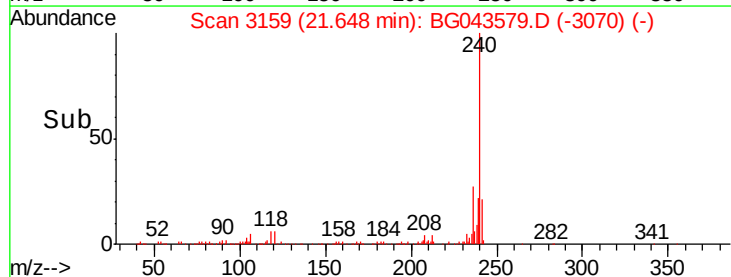
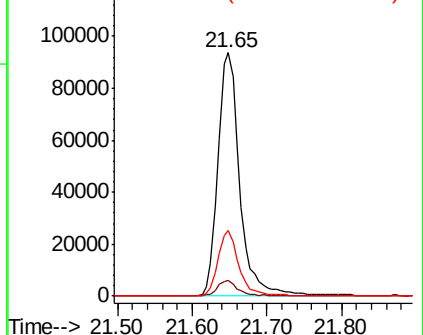
236 27.0 19.8 29.8

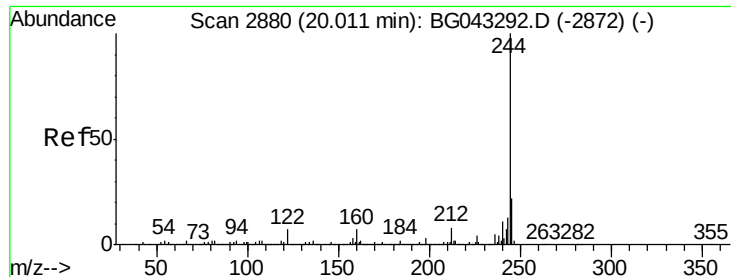


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.358 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)

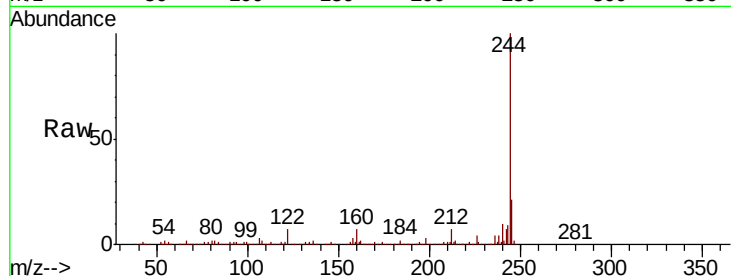
Tot Ion:244 Resp: 917858

Ion Ratio Lower Upper

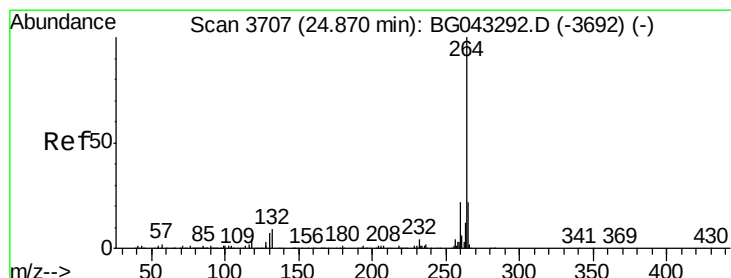
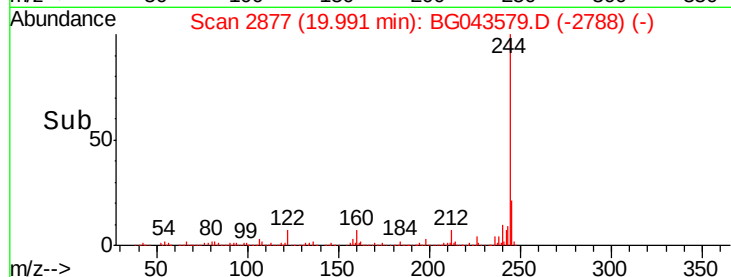
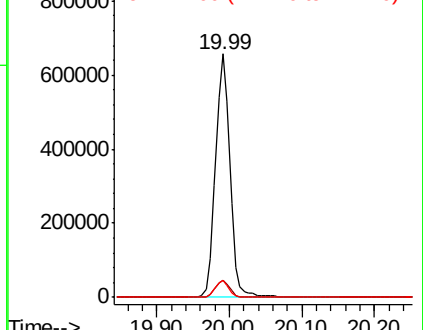
244 100

212 6.9 5.8 8.6

122 6.8 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043579.D

Acq: 8 Nov 2019 21:15

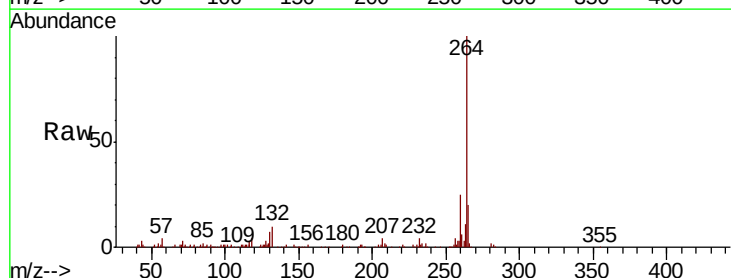
Tgt Ion:264 Resp: 217167

Ion Ratio Lower Upper

264 100

260 24.5 17.5 26.3

265 20.0 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

