

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041717.D
 Acq On : 18 Jul 2019 19:43
 Operator : HP/JU
 Sample : K3834-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-7

Quant Time: Jul 19 08:54:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

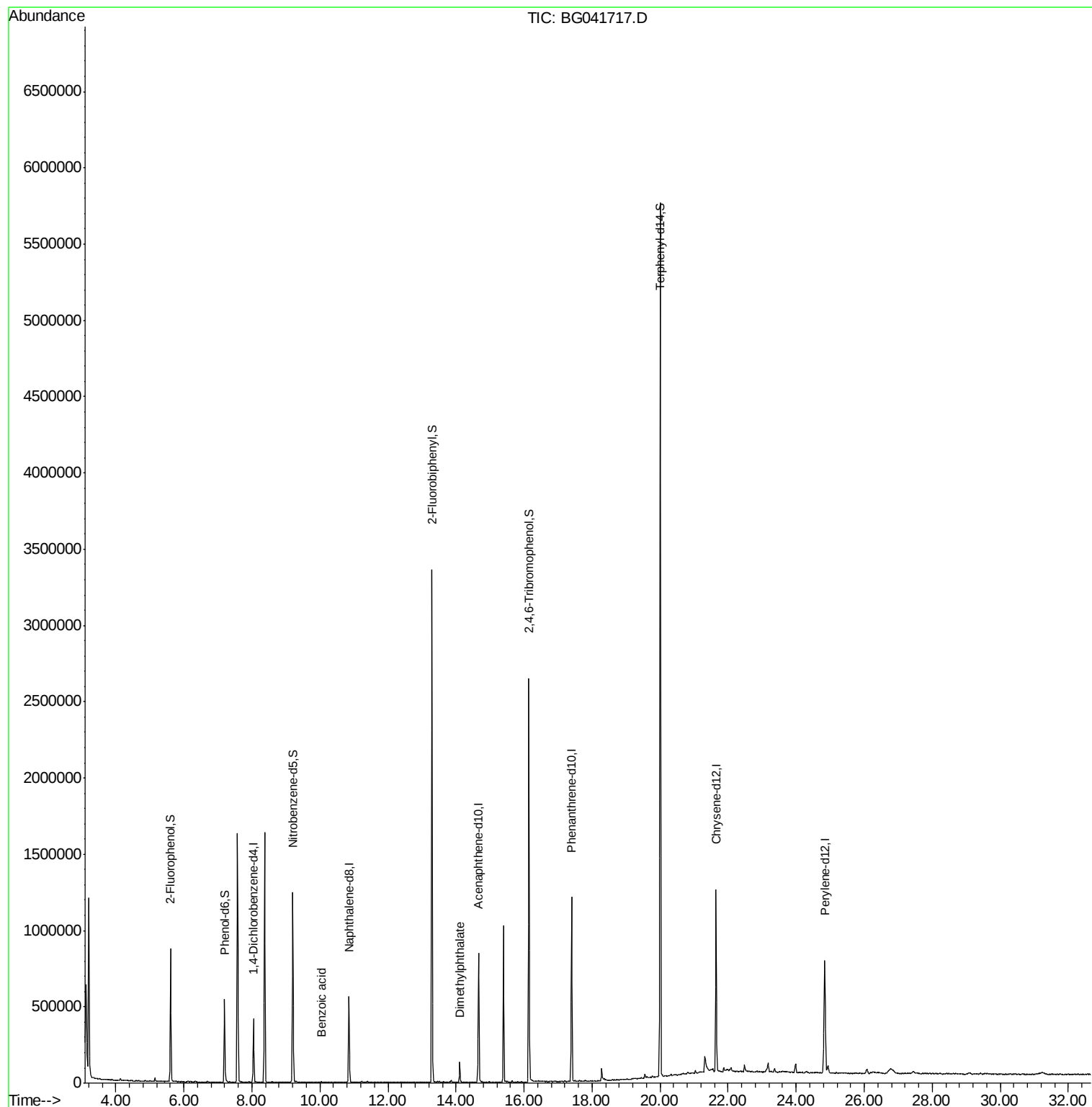
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120772	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	483094	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	306840	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	738949	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	714837	20.00	ng	-0.02
87) Perylene-d12	24.83	264	805991	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	380662	51.53	ng	0.00
7) Phenol-d6	7.20	99	320364	32.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	751751	94.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	498331	144.11	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1766874	89.17	ng	0.00
79) Terphenyl-d14	20.01	244	2484067	81.21	ng	0.00
Target Compounds						
32) Benzoic acid	10.05	122	3052	6.523	ng	89
50) Dimethylphthalate	14.11	163	100051	4.152	ng	97

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

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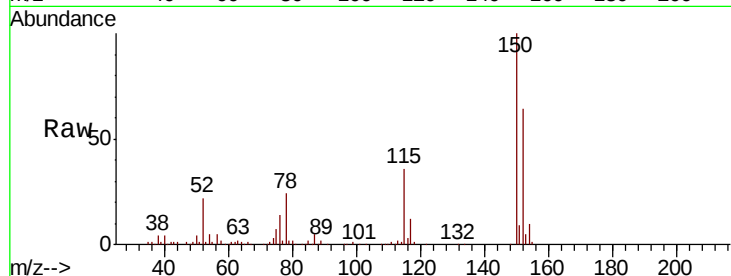


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

Instrument :
BNA_G
ClientSampled :
TW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	56.4	45.0	67.6

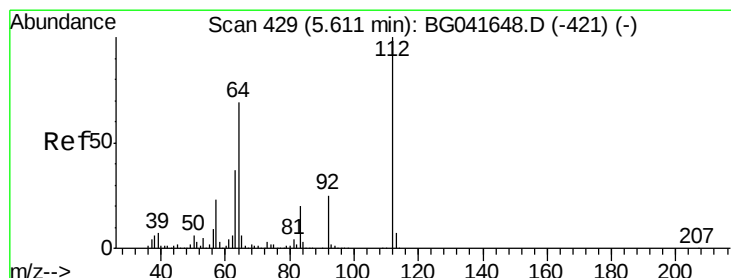
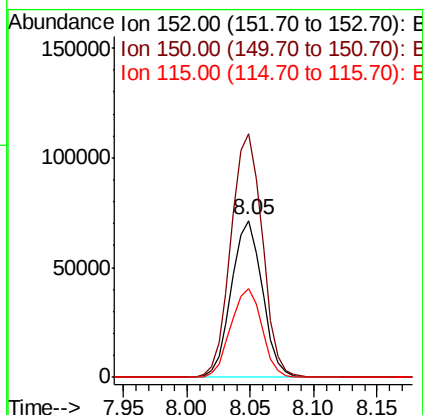
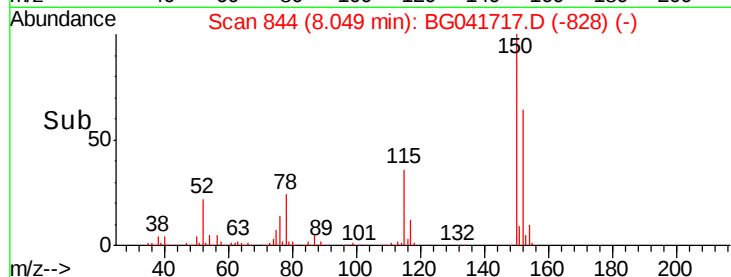


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

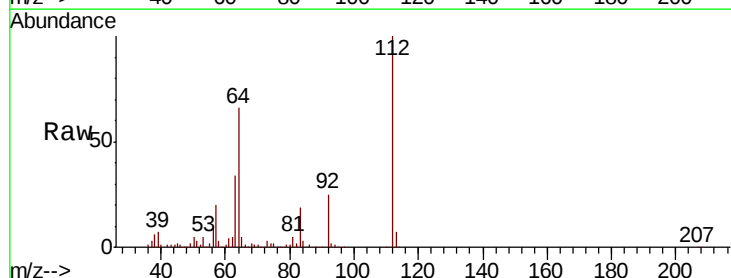
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.526 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	55.4	83.2
63	33.7	29.1	43.7

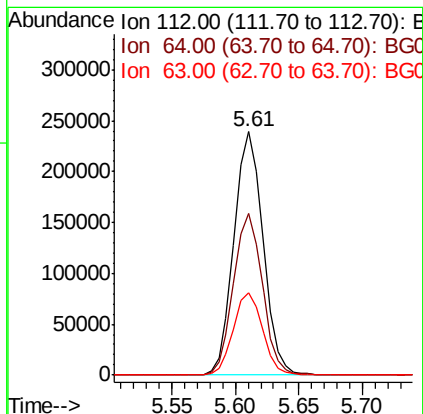
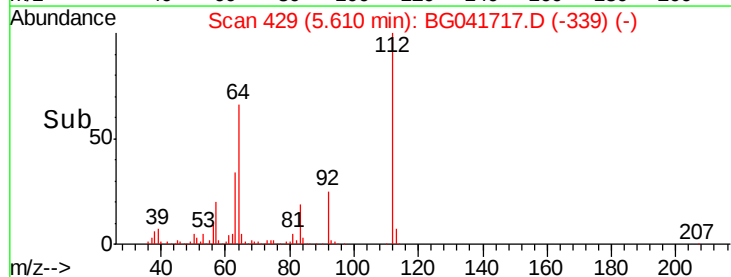


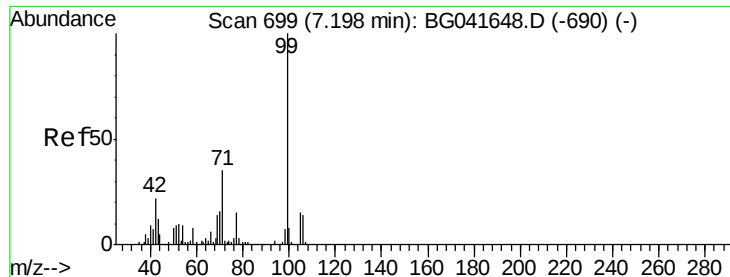
Abundance

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: 32.240 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

TW-7

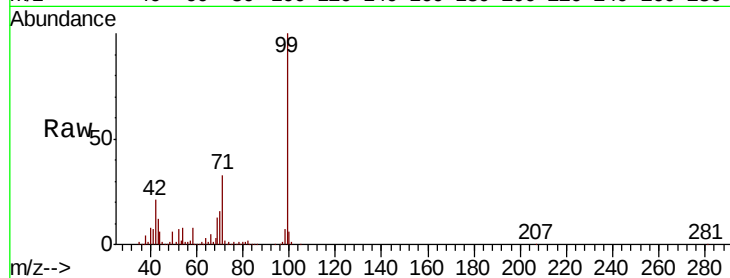
Tot Ion: 99 Resp: 320364

Ion Ratio Lower Upper

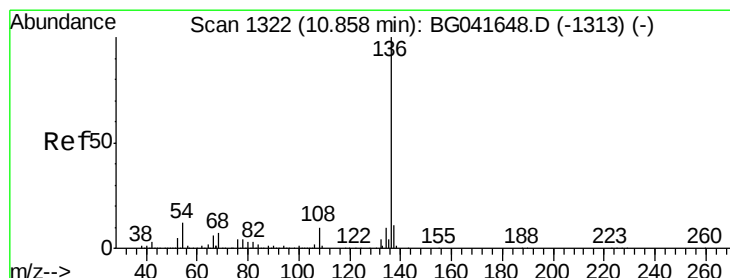
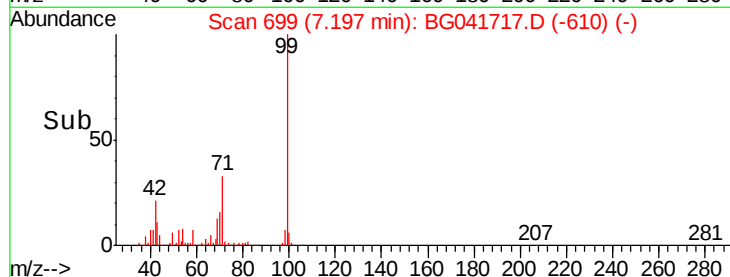
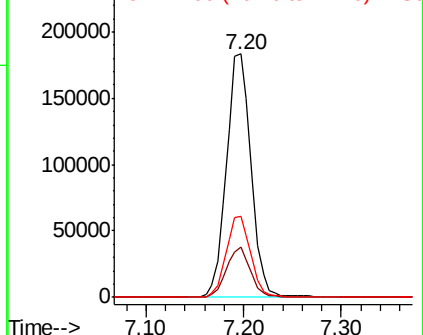
99 100

42 20.9 17.6 26.4

71 33.4 27.8 41.6



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

Tgt Ion: 136 Resp: 483094

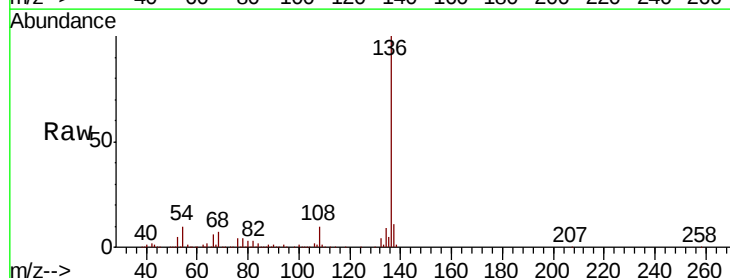
Ion Ratio Lower Upper

136 100

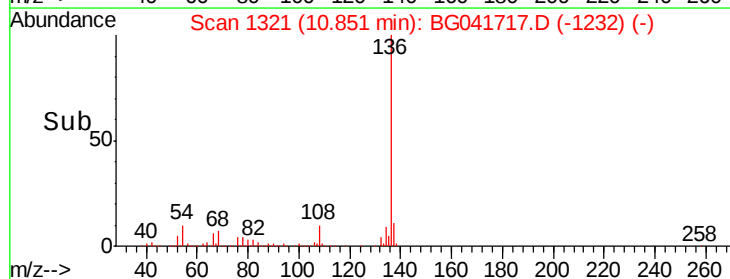
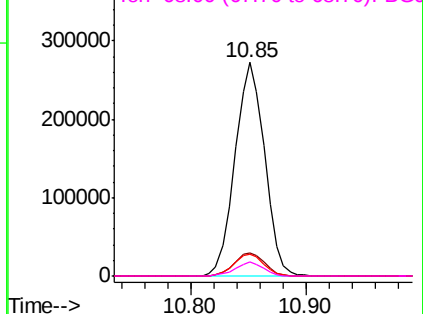
137 10.9 9.2 13.8

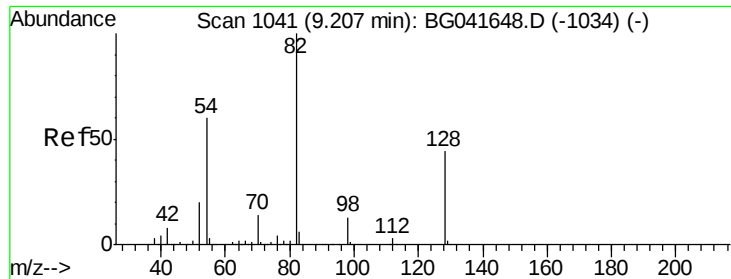
54 10.3 8.7 13.1

68 6.6 5.5 8.3



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

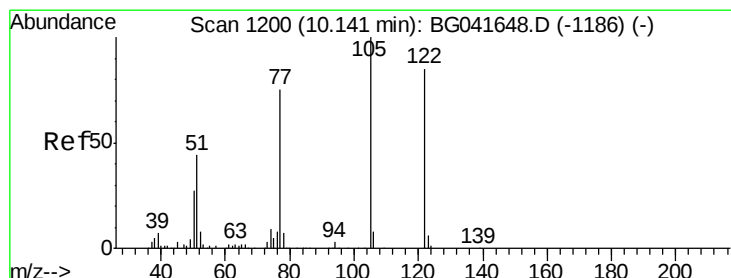
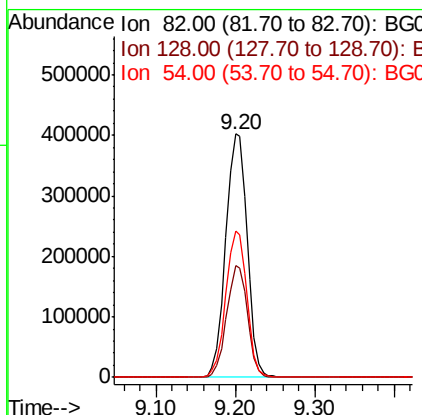
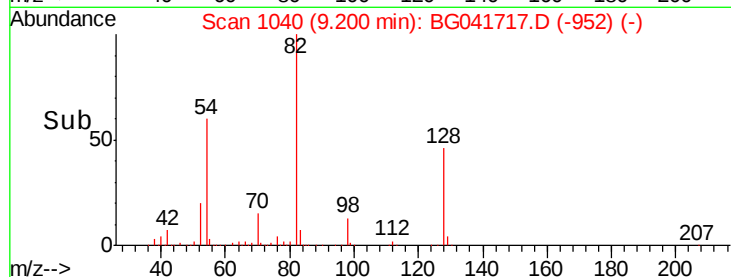
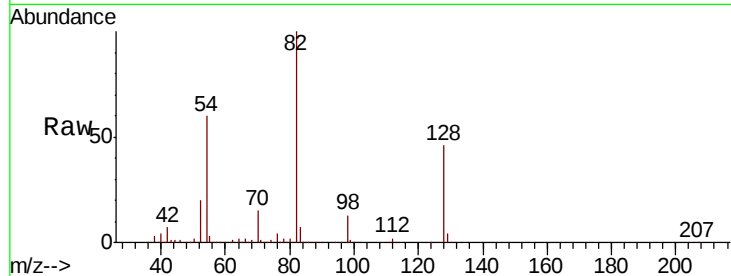




#23
Nitrobenzene-d5
Concen: 94.635 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

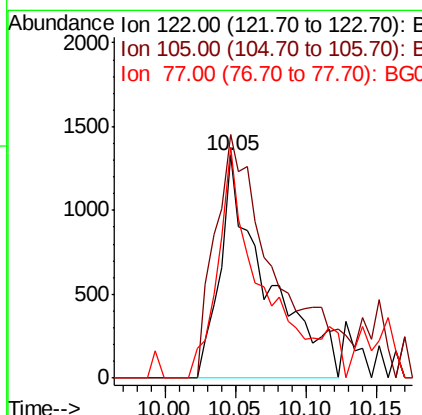
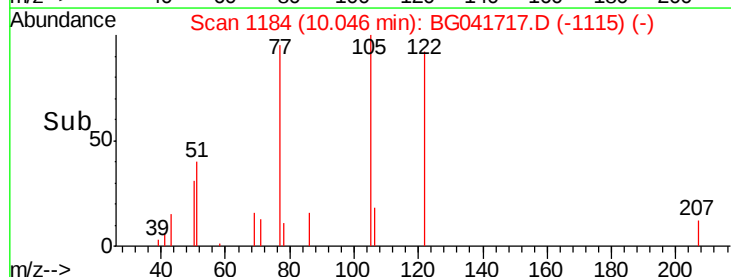
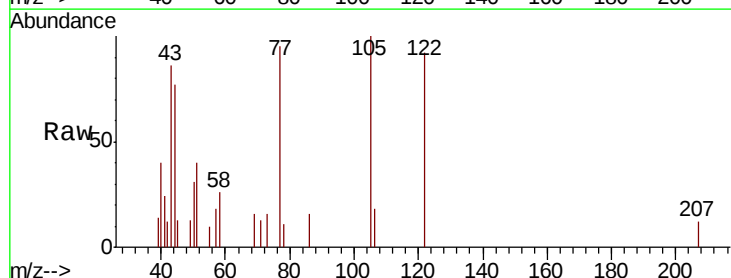
Instrument :
BNA_G
ClientSampleId :
TW-7

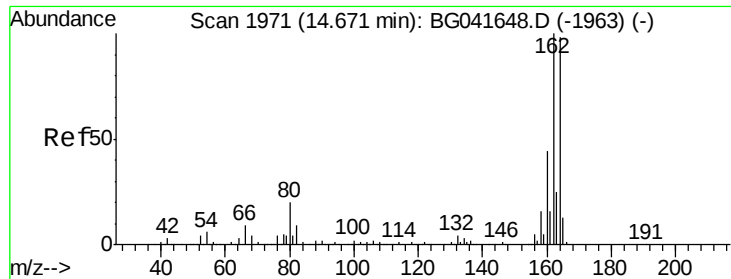
Tot Ion: 82 Resp: 751751
Ion Ratio Lower Upper
82 100
128 45.7 35.1 52.7
54 60.2 48.7 73.1



#32
Benzoic acid
Concen: 6.523 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.12 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

Tgt Ion: 122 Resp: 3052
Ion Ratio Lower Upper
122 100
105 109.2 101.5 141.5
77 103.5 73.0 113.0

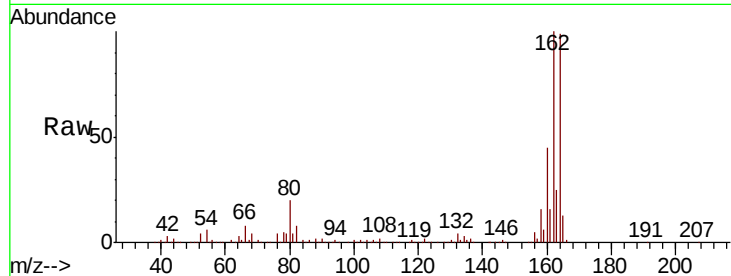




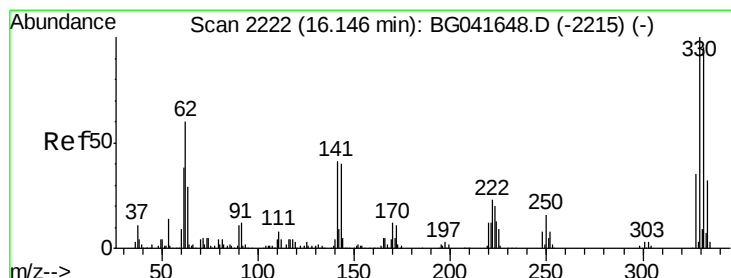
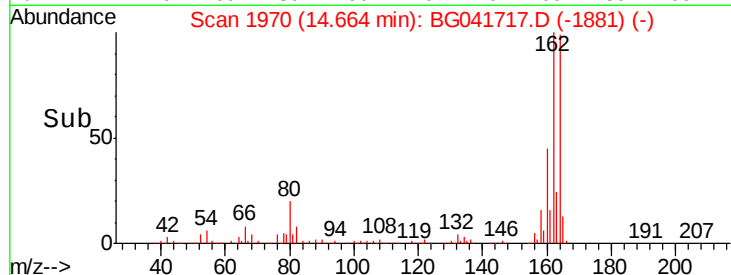
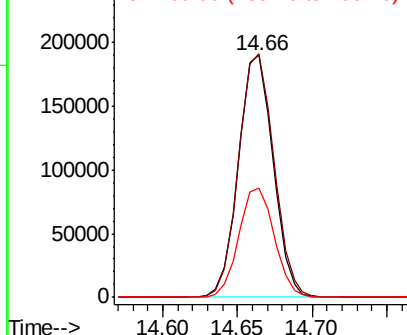
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041717.D
 Acq: 18 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 TW-7

Tot Ion:164 Resp: 306840
 Ion Ratio Lower Upper
 164 100
 162 100.5 79.6 119.4
 160 45.1 35.4 53.0

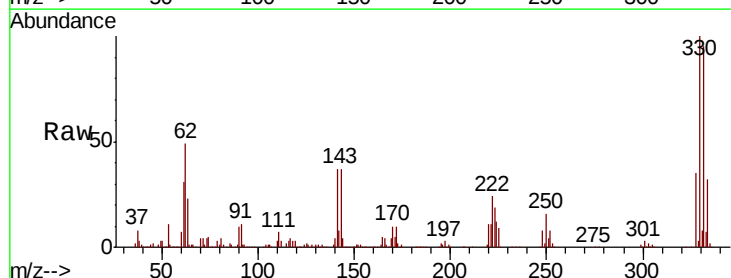


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

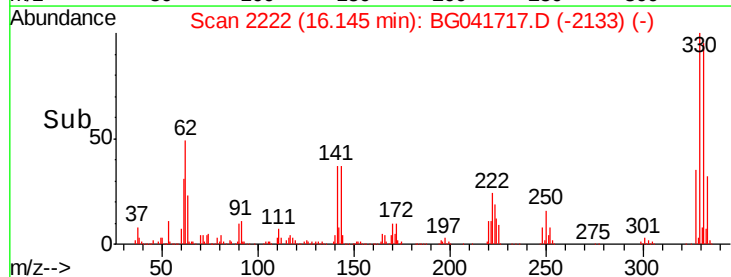
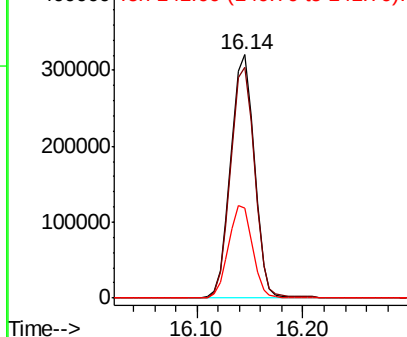


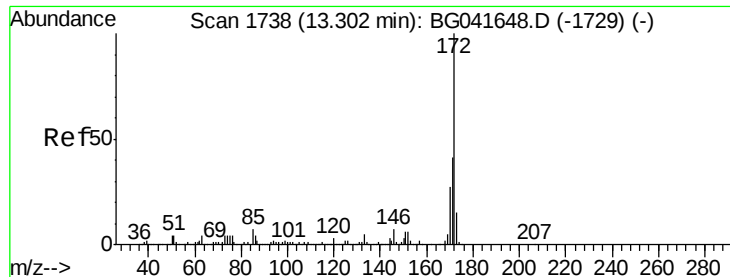
#42
 2,4,6-Tribromophenol
 Concen: 144.108 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041717.D
 Acq: 18 Jul 2019 19:43

Tgt Ion:330 Resp: 498331
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 38.5 31.9 47.9



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

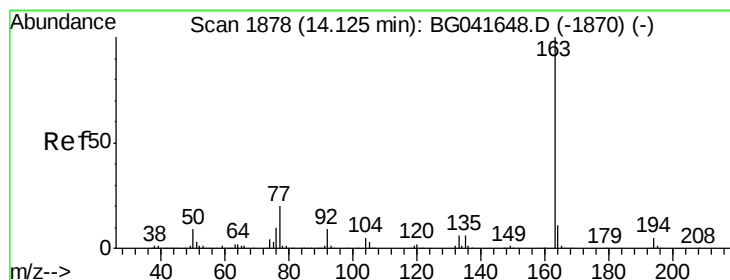
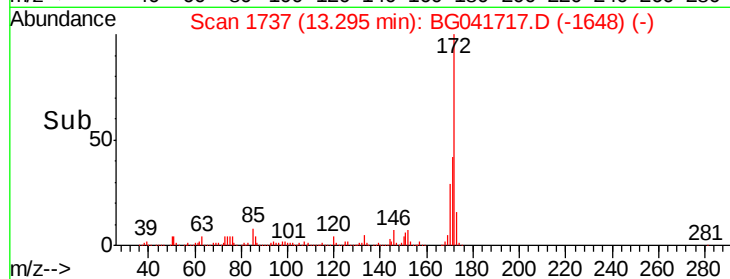
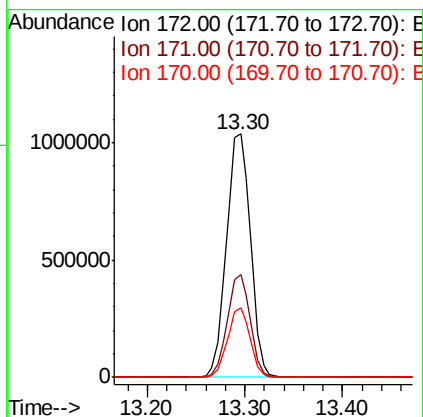
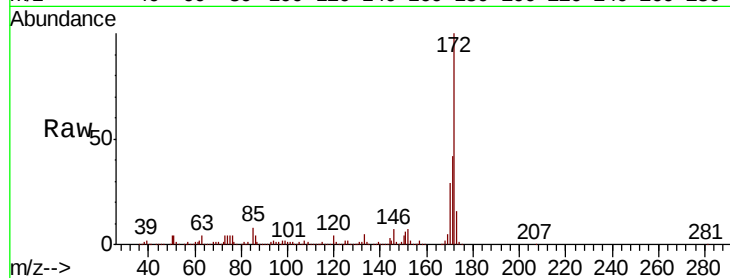




#45
2-Fluorobiphenyl
Concen: 89.167 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

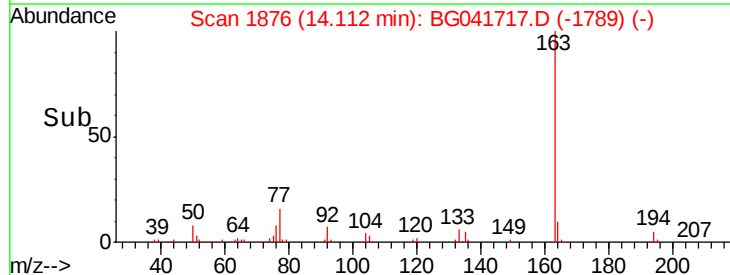
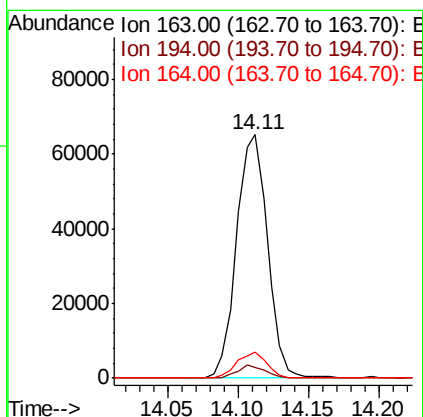
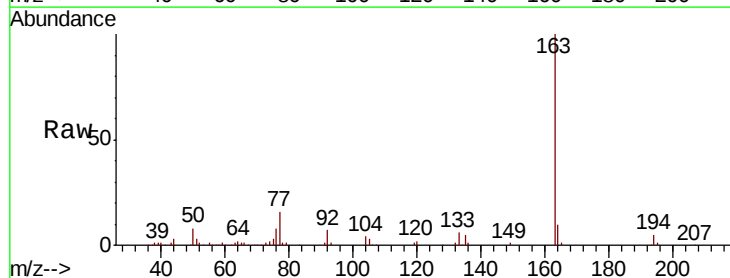
Instrument :
BNA_G
ClientSampleId :
TW-7

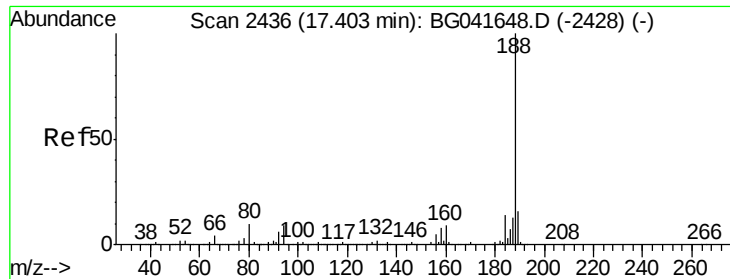
Tot Ion:172 Resp: 1766874
Ion Ratio Lower Upper
172 100
171 42.4 35.0 52.4
170 28.6 23.5 35.3



#50
Dimethylphthalate
Concen: 4.152 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041717.D
Acq: 18 Jul 2019 19:43

Tgt Ion:163 Resp: 100051
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 10.4 9.4 14.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

TW-7

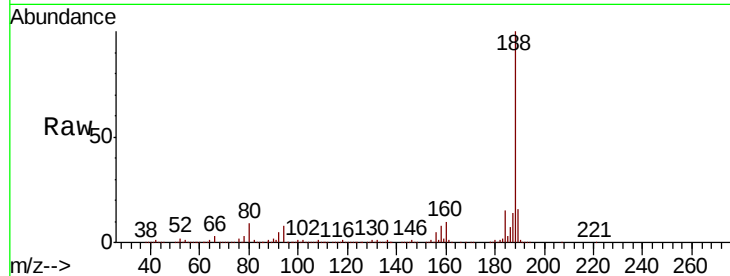
Tot Ion:188 Resp: 738949

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

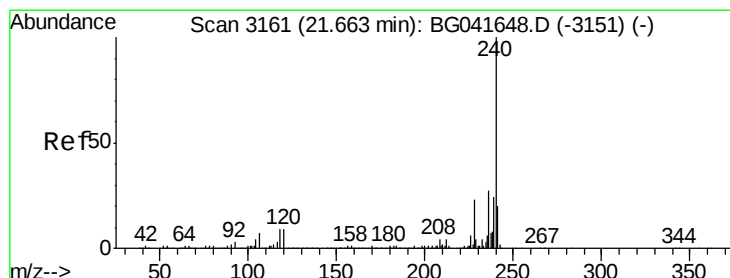
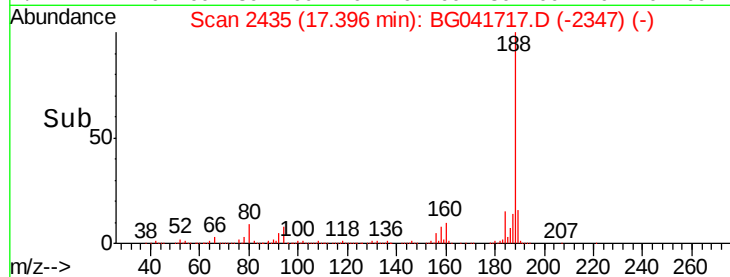
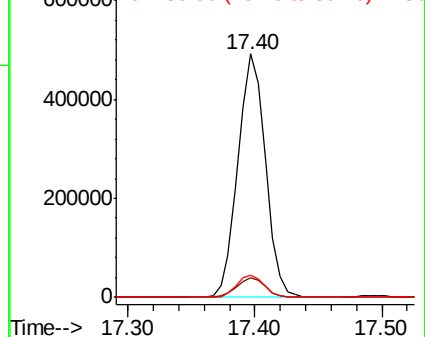
80 9.3 8.0 12.0



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: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

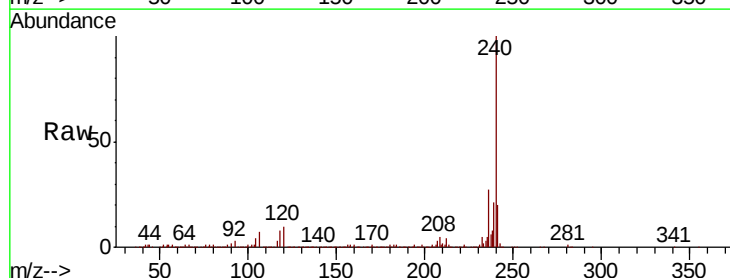
Tgt Ion:240 Resp: 714837

Ion Ratio Lower Upper

240 100

120 9.6 8.0 12.0

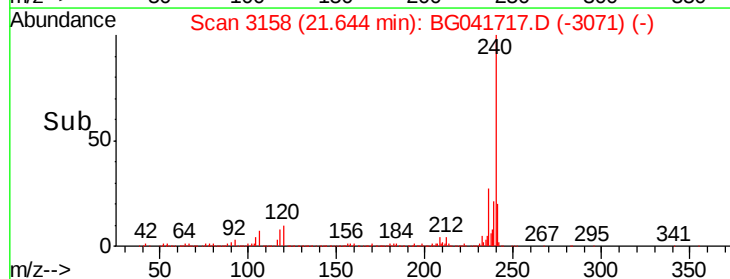
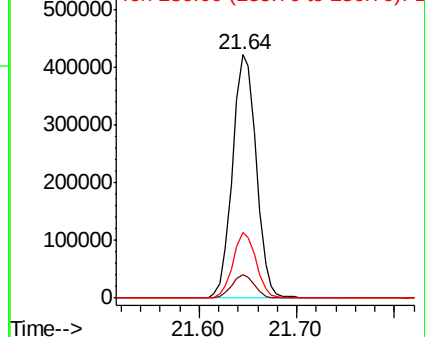
236 27.1 22.6 33.8

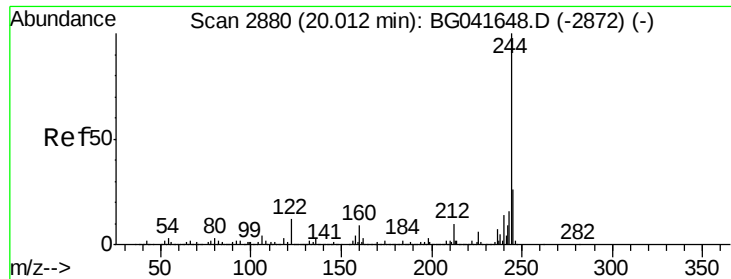


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.207 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

Instrument :

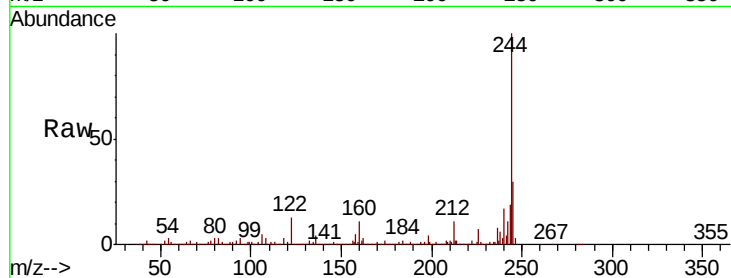
BNA_G

ClientSampleId :

TW-7

Tot Ion:244 Resp: 2484067

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.7	14.5
122	12.6	12.5	18.7

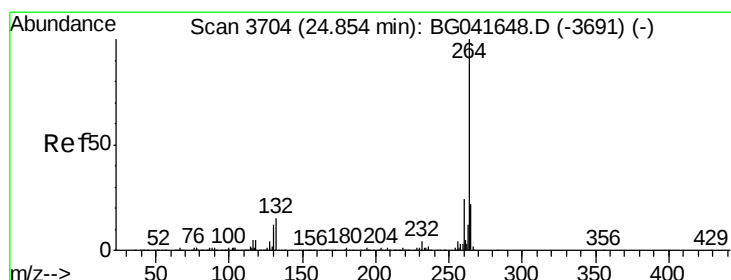
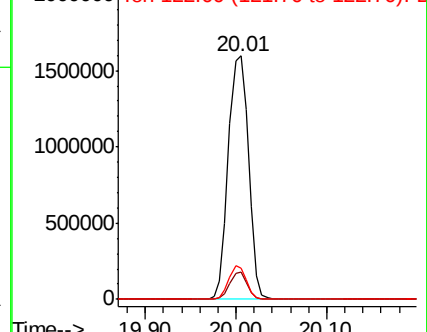
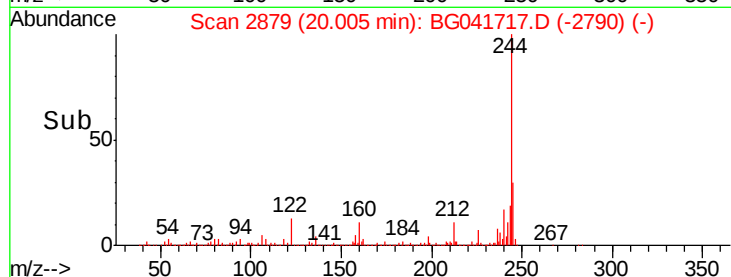


Abundance

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

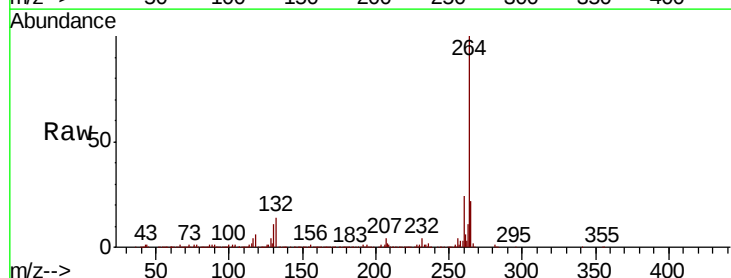
Delta R.T. -0.03 min

Lab File: BG041717.D

Acq: 18 Jul 2019 19:43

Tgt Ion:264 Resp: 805991

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	18.0	27.0



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

