

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043565.D
 Acq On : 8 Nov 2019 8:24
 Operator : JU
 Sample : K5676-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-110619

Quant Time: Nov 08 12:28:11 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

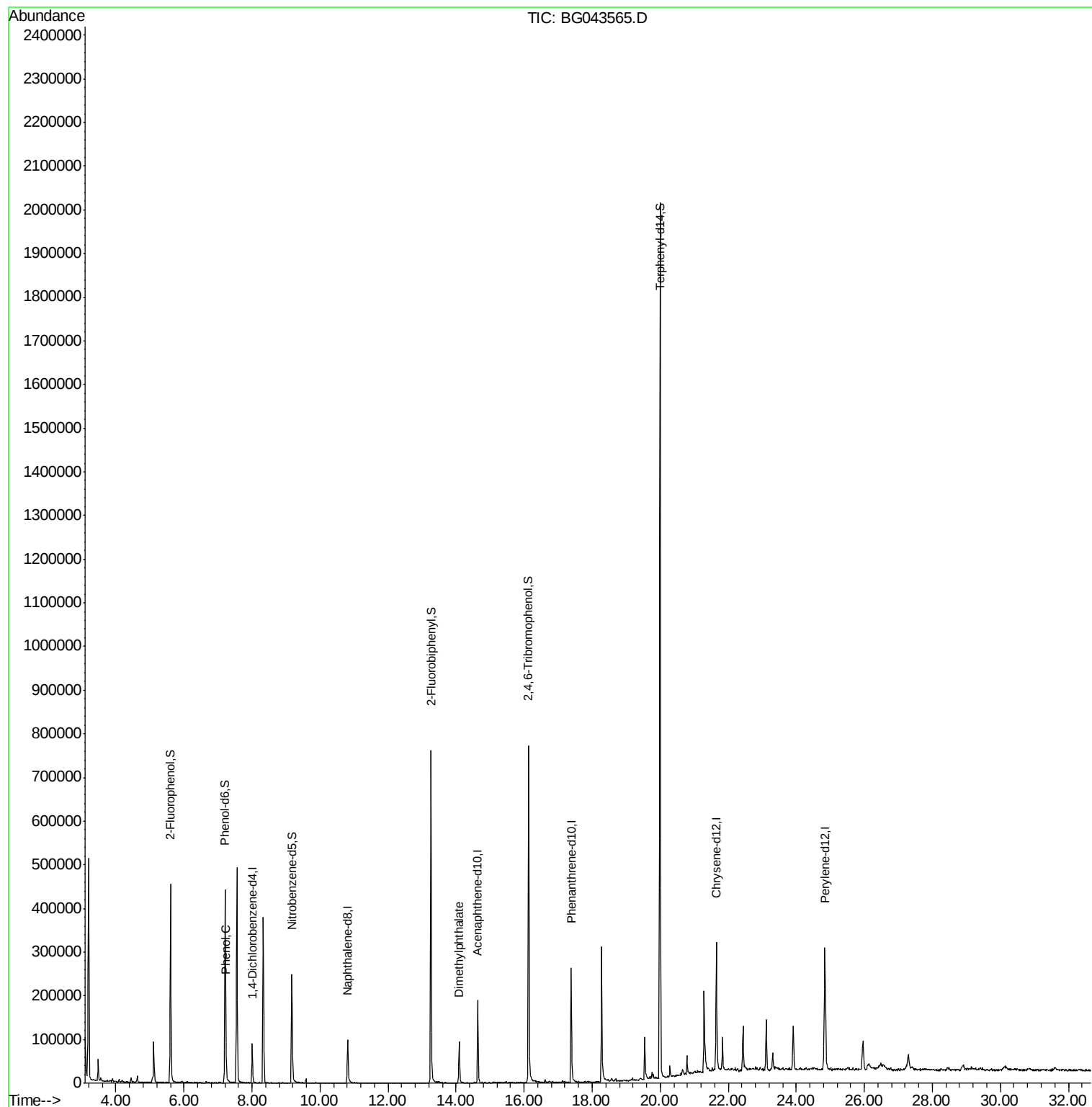
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27673	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	95698	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	73810	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	193517	20.00	ng	0.00
76) Chrysene-d12	21.65	240	204201	20.00	ng	0.00
87) Perylene-d12	24.84	264	236102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	212154	140.48	ng	0.01
7) Phenol-d6	7.21	99	279271	128.53	ng	0.01
23) Nitrobenzene-d5	9.17	82	171084	92.17	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	196285	139.74	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	462220	86.53	ng	0.00
79) Terphenyl-d14	20.00	244	1069457	98.25	ng	0.00
Target Compounds						
10) Phenol	7.23	94	16950	8.537	ng	86
50) Dimethylphthalate	14.09	163	74451	13.023	ng	97

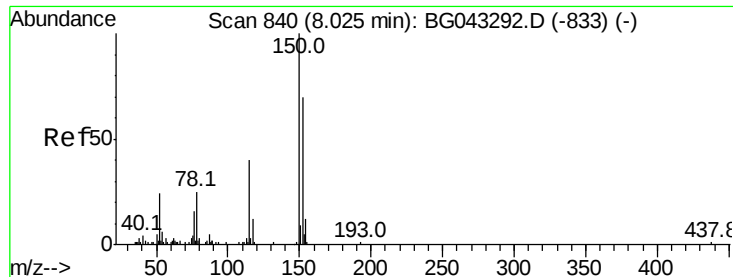
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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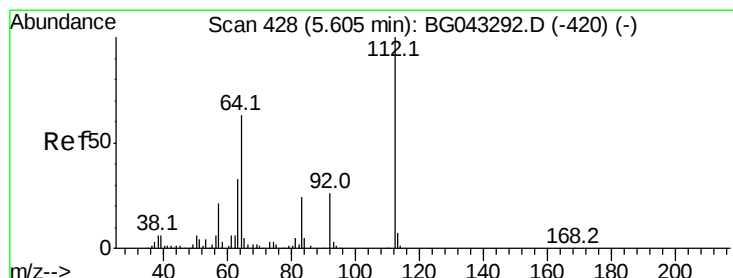
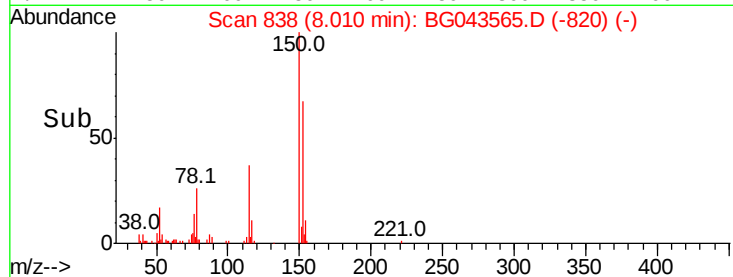
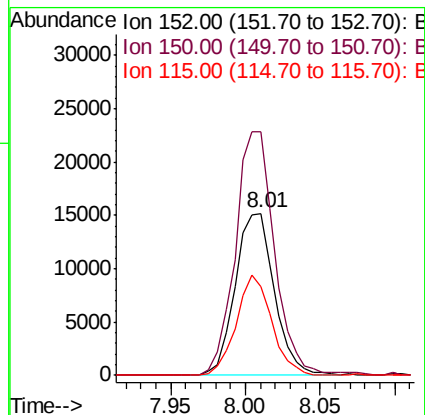
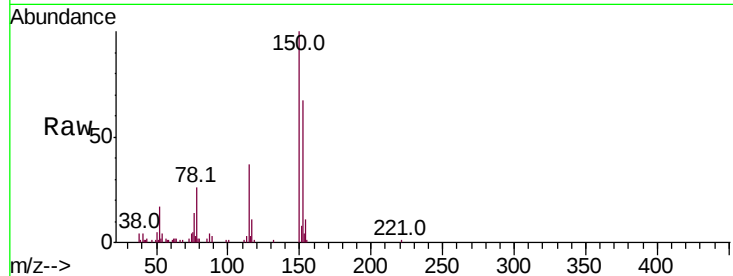


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Instrument :
BNA_G
ClientSampleId :
SU-04-110619

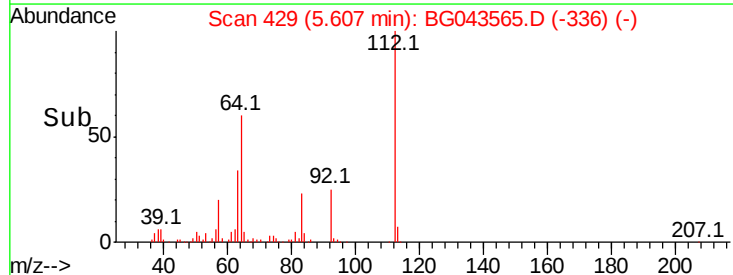
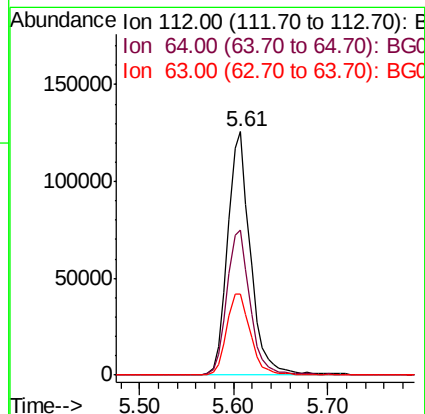
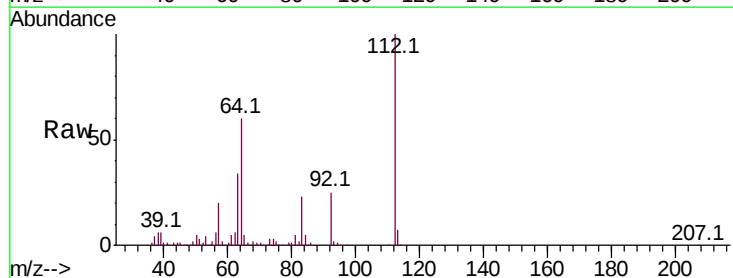
Tot Ion:152 Resp: 27673
Ion Ratio Lower Upper
152 100
150 150.3 129.4 194.0
115 55.0 48.8 73.2

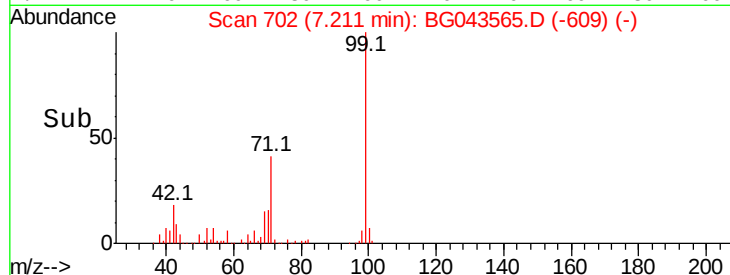
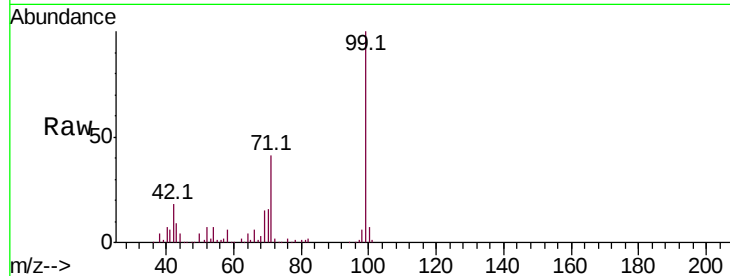
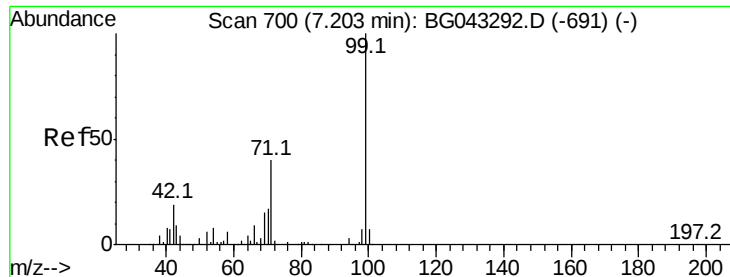


#5

2-Fluorophenol
Concen: 140.484 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Tgt Ion:112 Resp: 212154
Ion Ratio Lower Upper
112 100
64 59.5 50.0 75.0
63 33.5 26.6 40.0





#7

Phenol-d6

Concen: 128.532 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043565.D

Acq: 8 Nov 2019 8:24

Instrument :

BNA_G

ClientSampleId :

SU-04-110619

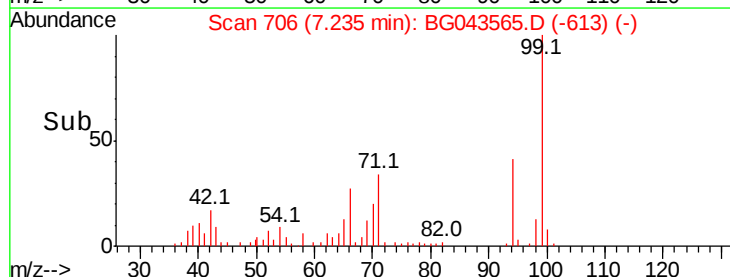
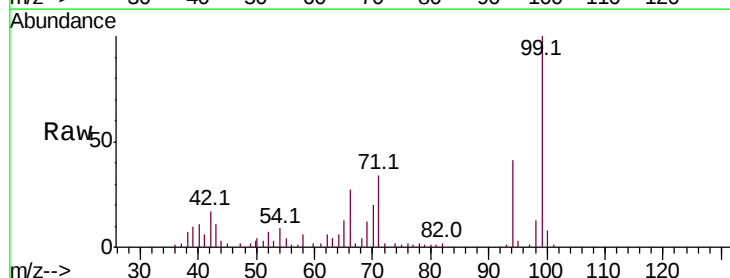
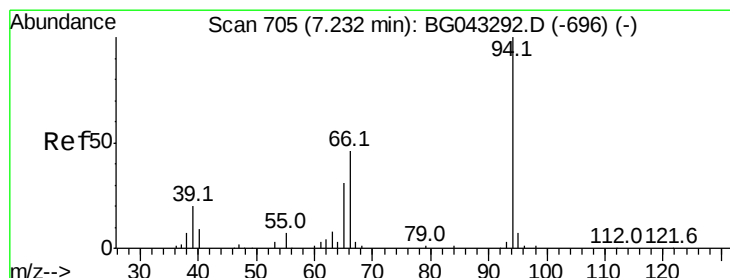
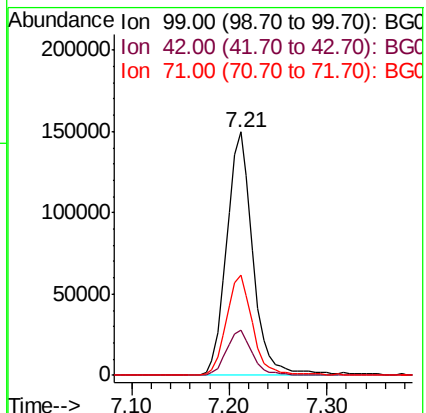
Tot Ion: 99 Resp: 279271

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 41.2 32.5 48.7



#10

Phenol

Concen: 8.537 ng

RT: 7.23 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043565.D

Acq: 8 Nov 2019 8:24

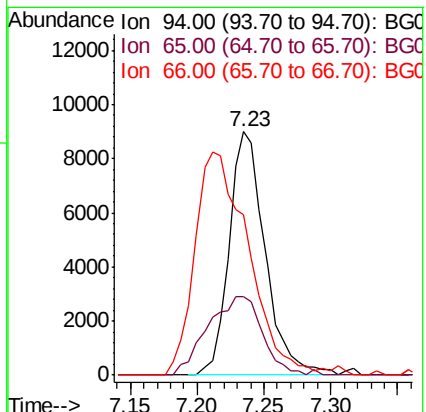
Tgt Ion: 94 Resp: 16950

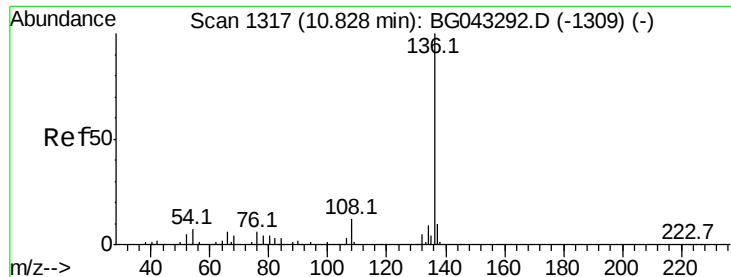
Ion Ratio Lower Upper

94 100

65 32.1 12.6 52.6

66 65.8 30.7 70.7

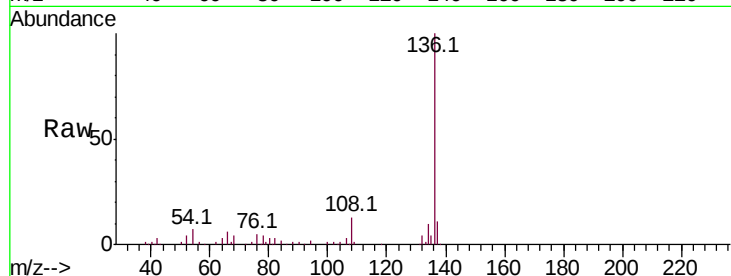




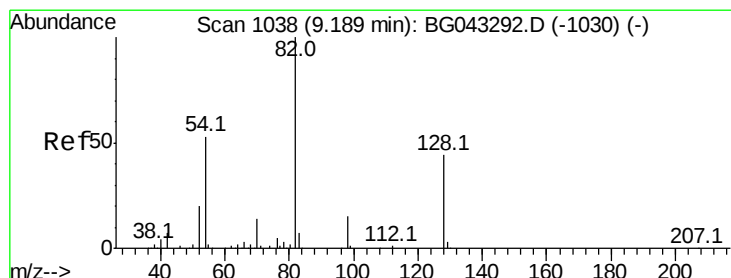
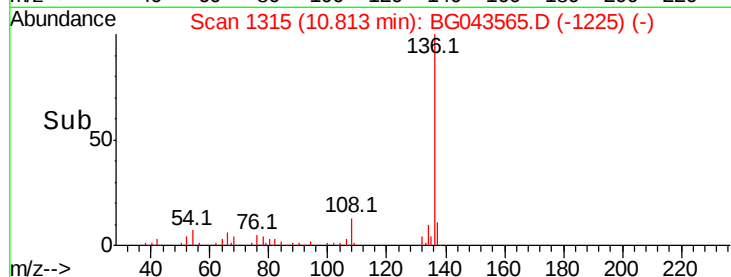
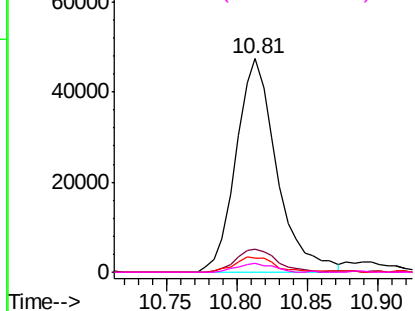
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Instrument :
BNA_G
ClientSampleId :
SU-04-110619

Tot Ion:136	Resp:	95698
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	6.6	5.4 8.2
68	4.3	3.0 4.4

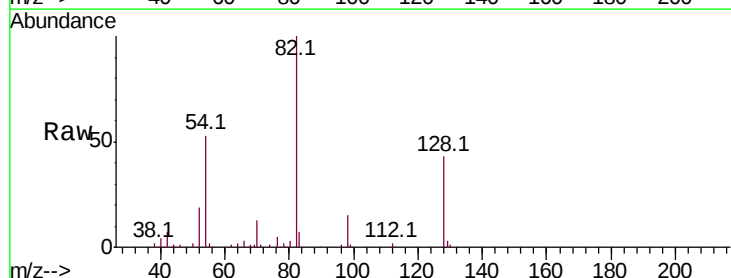


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

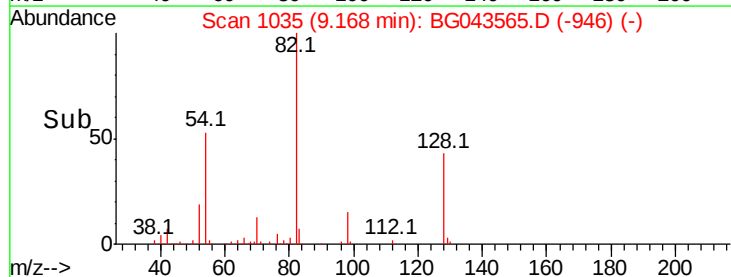
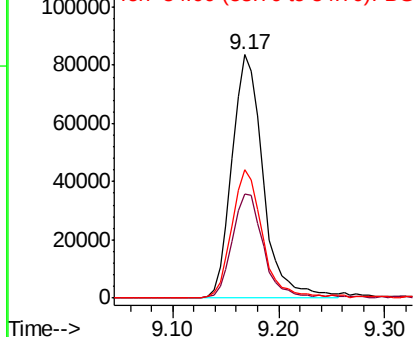


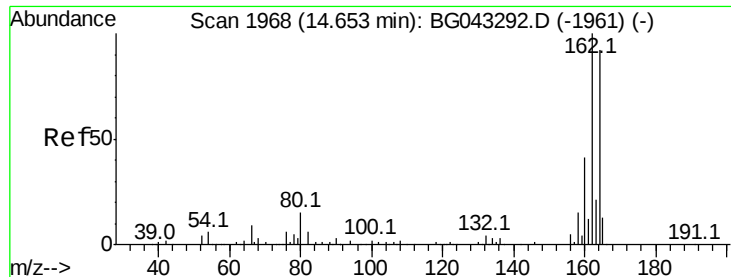
#23
Nitrobenzene-d5
Concen: 92.167 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Tgt Ion: 82	Resp:	171084
Ion Ratio	Lower	Upper
82	100	
128	42.8	35.0 52.6
54	52.8	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

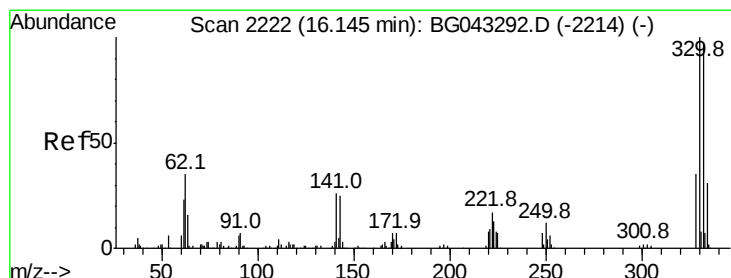
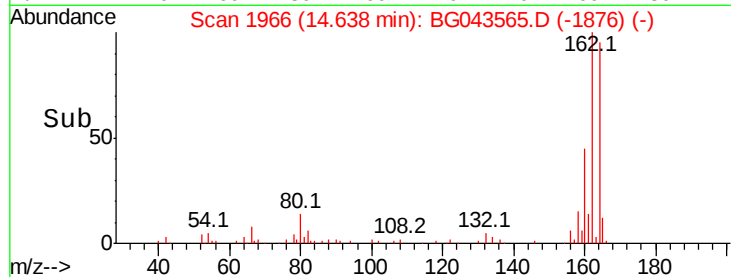
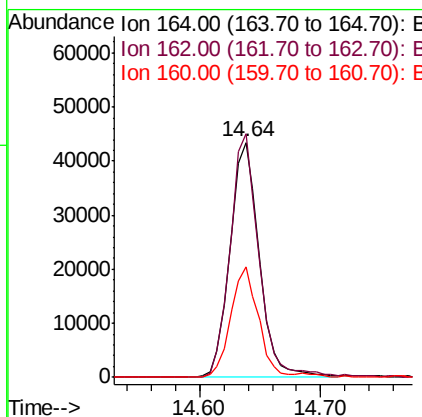
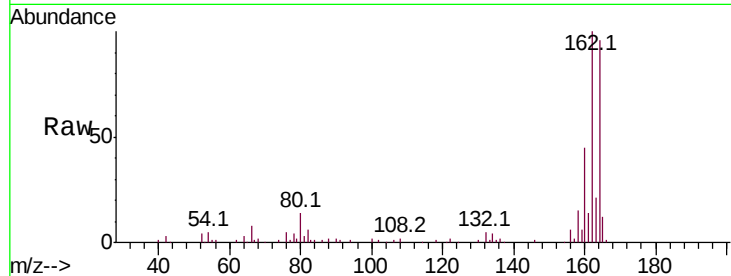




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

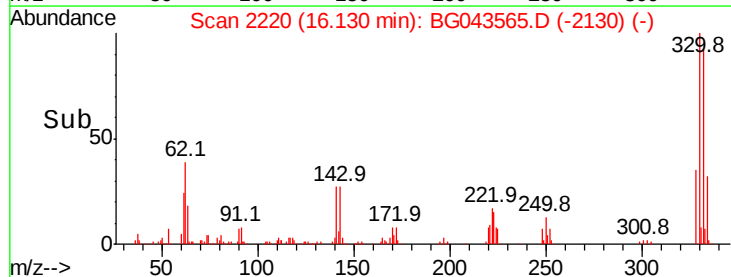
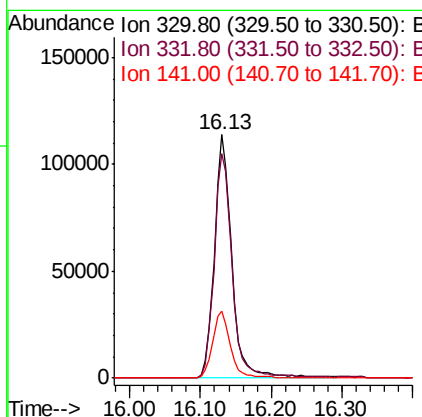
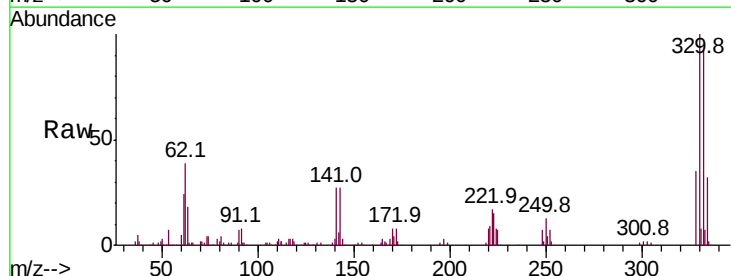
Instrument :
BNA_G
ClientSampleId :
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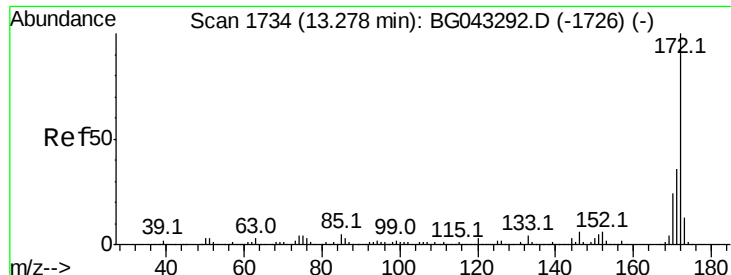
Tot Ion:164 Resp: 73810
Ion Ratio Lower Upper
164 100
162 103.7 83.5 125.3
160 47.0 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Tgt Ion:330 Resp: 196285
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 27.9 22.8 34.2

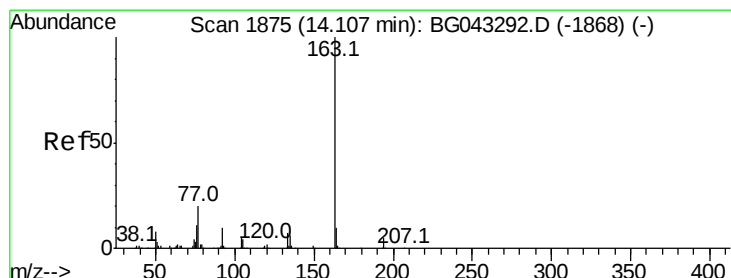
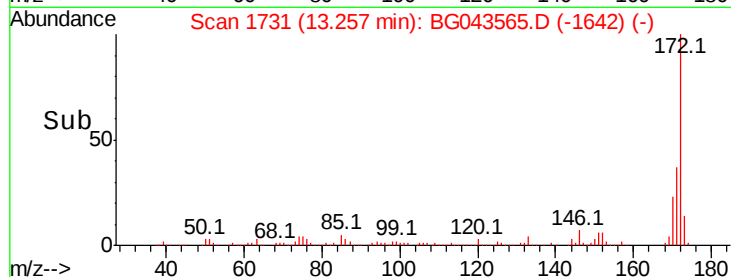
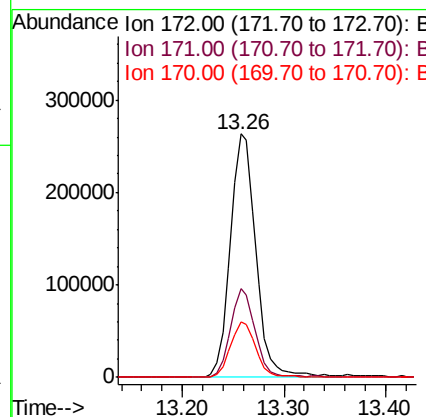
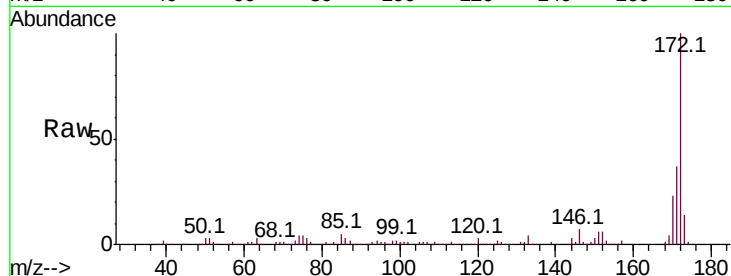




#45
2-Fluorobiphenyl
Concen: 86.533 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

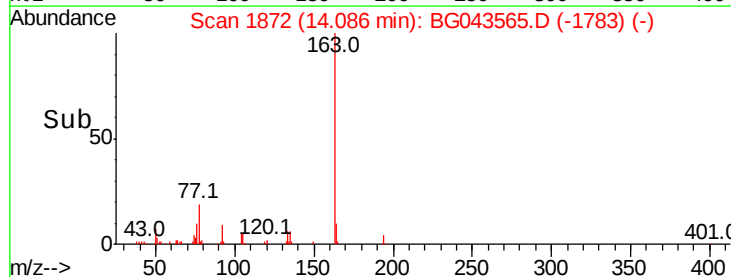
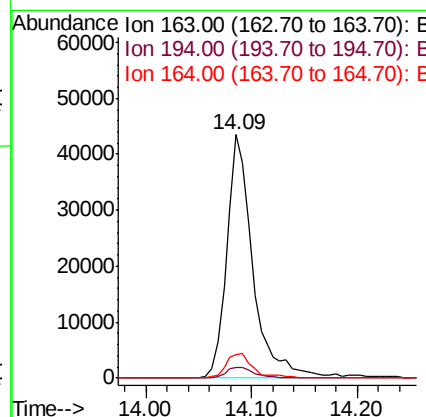
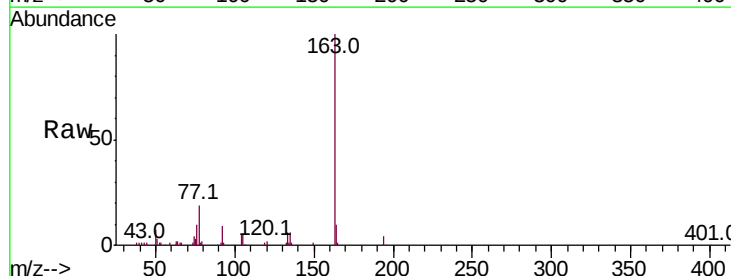
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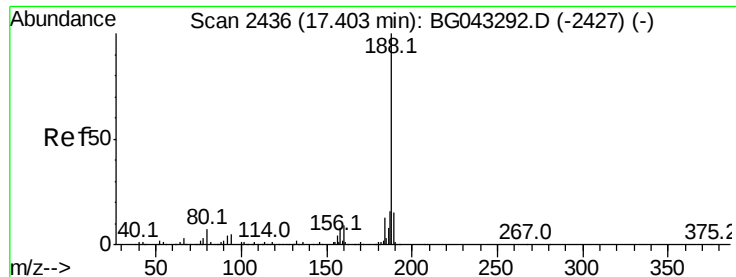
Tot Ion:172 Resp: 462220
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 13.023 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043565.D
Acq: 8 Nov 2019 8:24

Tgt Ion:163 Resp: 74451
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 9.8 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: BG043565.D

Acq: 8 Nov 2019 8:24

Instrument :

BNA_G

ClientSampleId :

SU-04-110619

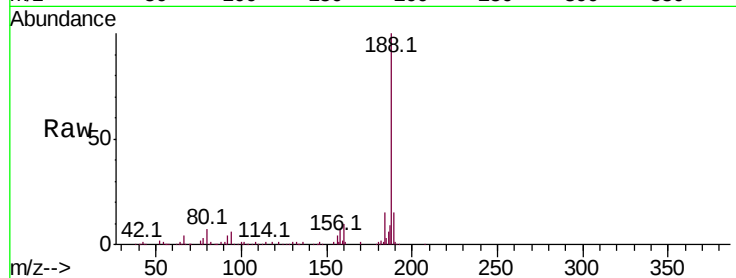
Tot Ion:188 Resp: 193517

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

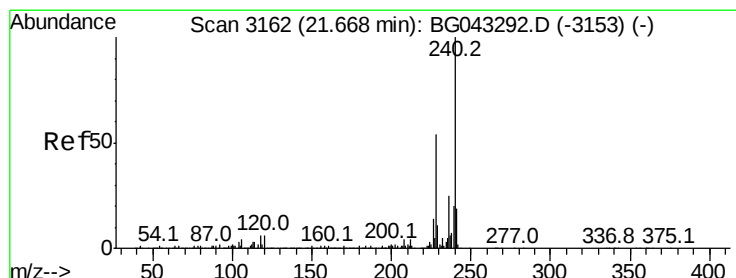
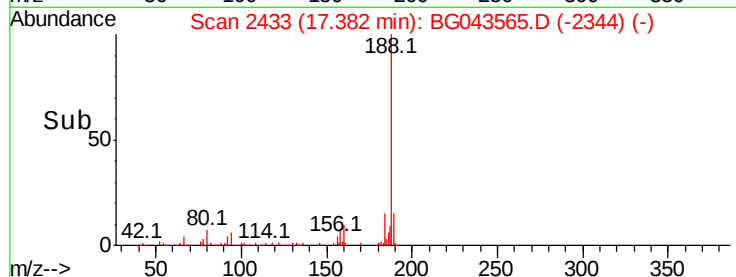
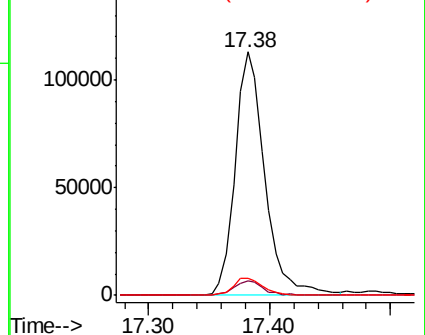
80 6.8 4.5 6.7#



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: BG043565.D

Acq: 8 Nov 2019 8:24

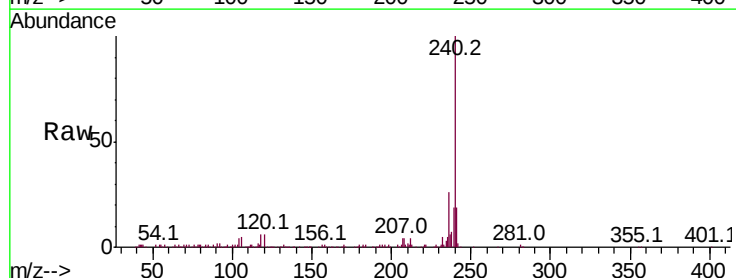
Tgt Ion:240 Resp: 204201

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

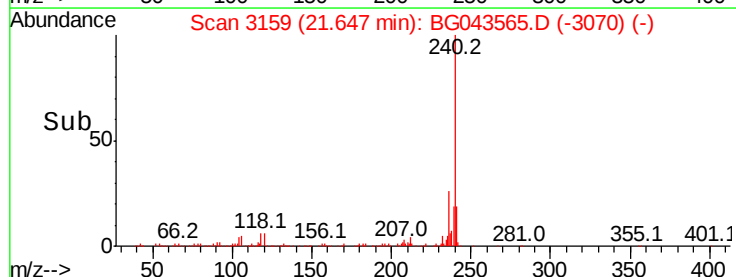
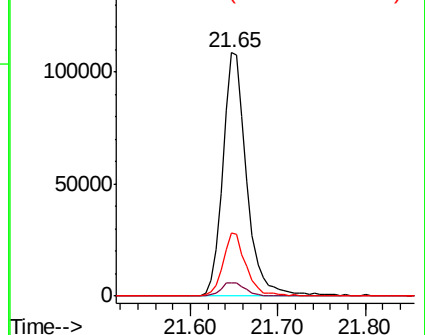
236 25.7 19.8 29.8

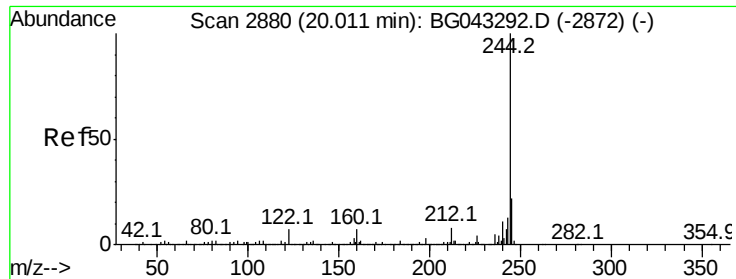


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



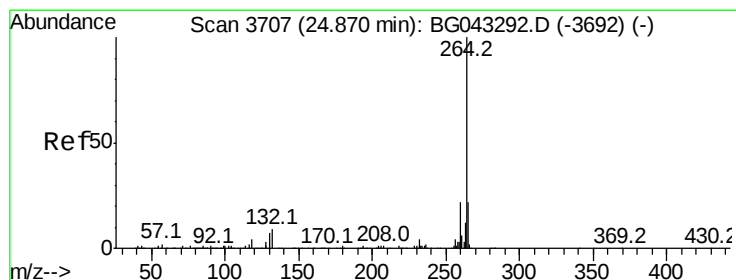
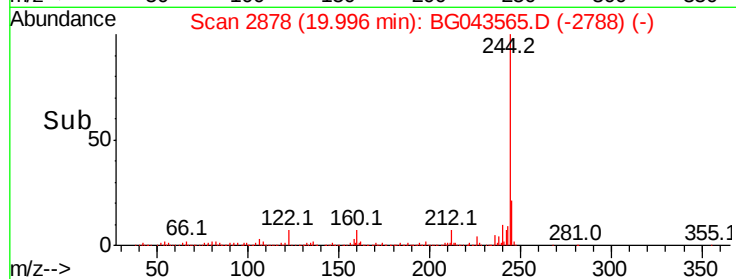
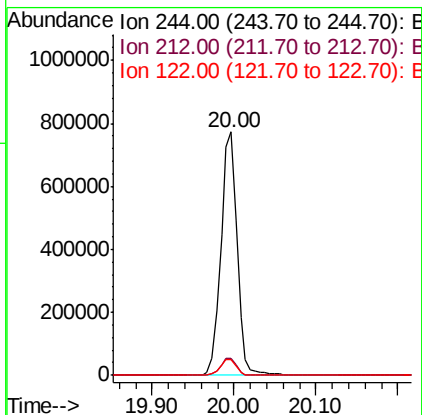
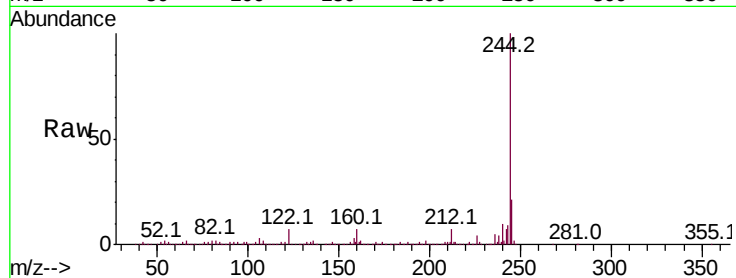


#79
 Terphenyl-d14
 Concen: 98.254 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043565.D
 Acq: 8 Nov 2019 8:24

Instrument :
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Tot Ion:244 Resp: 1069457

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.7	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043565.D
 Acq: 8 Nov 2019 8:24

Tgt Ion:264 Resp: 236102

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.5	26.3
265	21.1	17.4	26.0

