

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043641.D
 Acq On : 14 Nov 2019 19:48
 Operator : JU
 Sample : K5832-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(4-6)

Quant Time: Nov 15 03:03:00 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

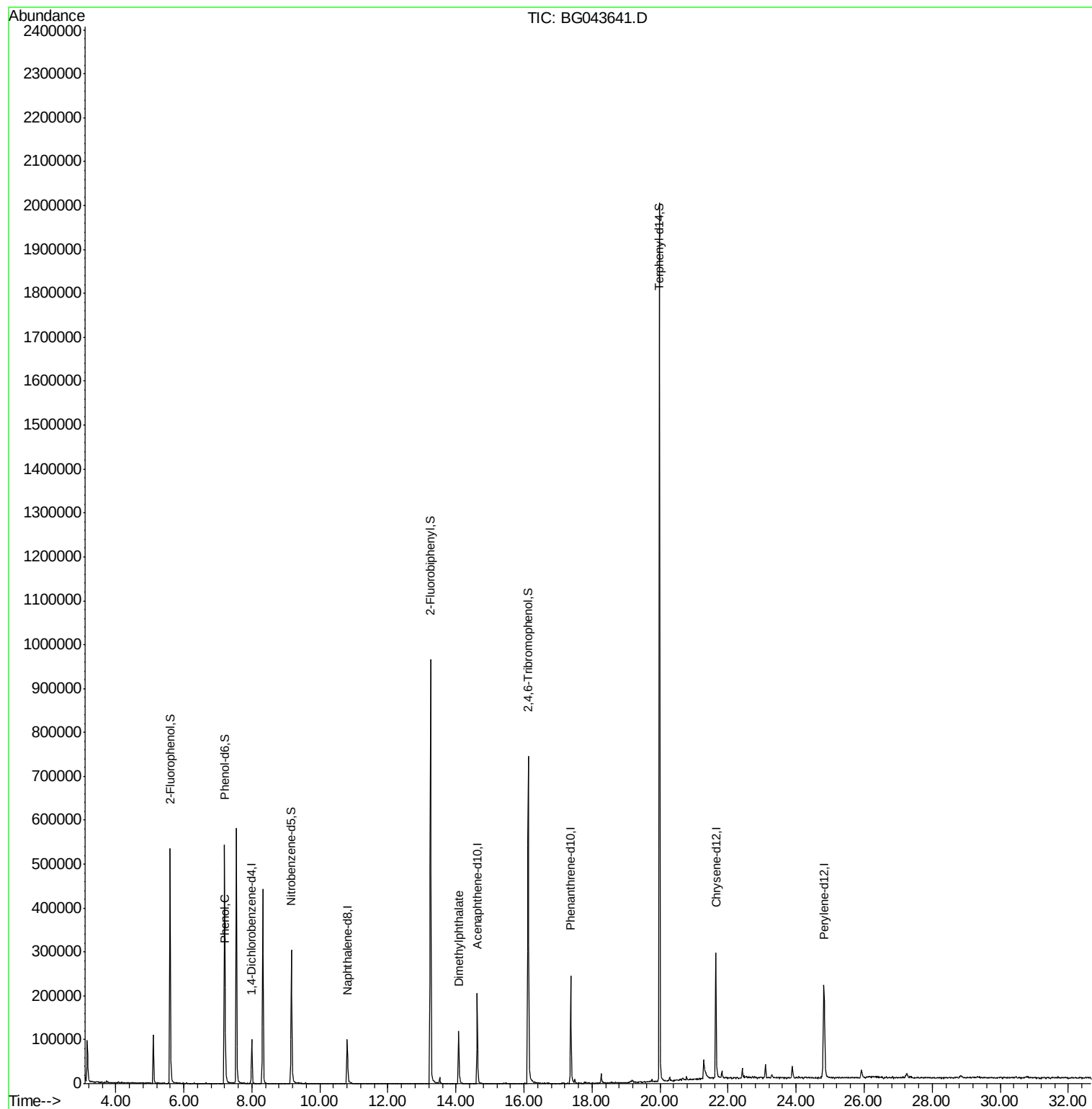
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30345	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	109323	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78588	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	186614	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	202704	20.00	ng	-0.02
87) Perylene-d12	24.82	264	234948	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	244212	147.47	ng	0.00
7) Phenol-d6	7.20	99	338802	142.20	ng	0.00
23) Nitrobenzene-d5	9.16	82	206679	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	196395	131.32	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	559554	98.39	ng	-0.02
79) Terphenyl-d14	19.98	244	1045811	96.79	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	10154	4.664	ng	Qvalue # 68
50) Dimethylphthalate	14.08	163	95187	15.637	ng	96

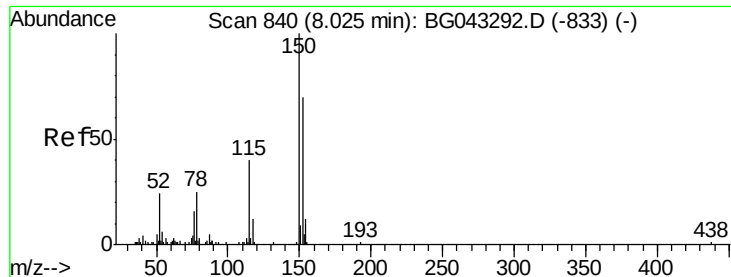
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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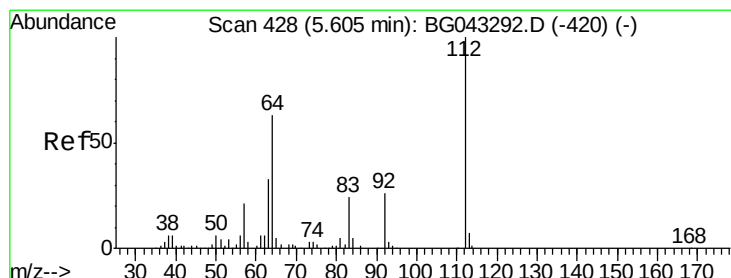
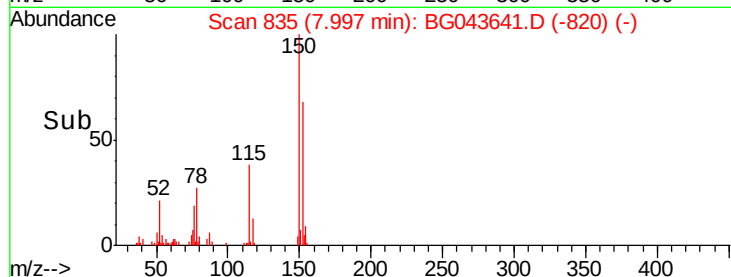
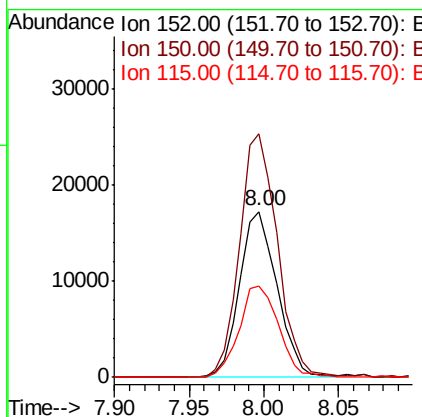
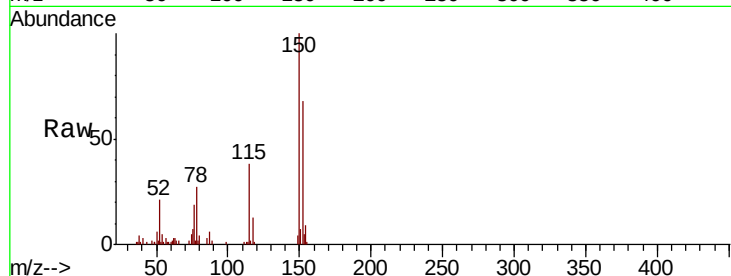


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Instrument :
BNA_G
ClientSampleId :
8-(4-6)

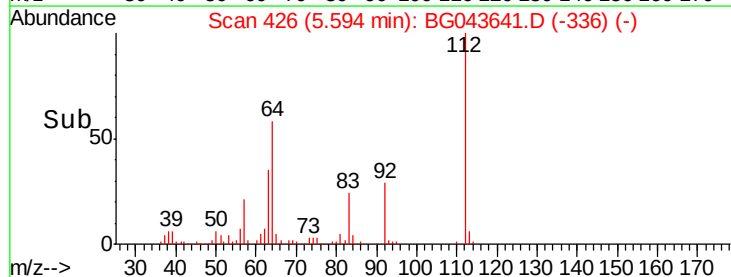
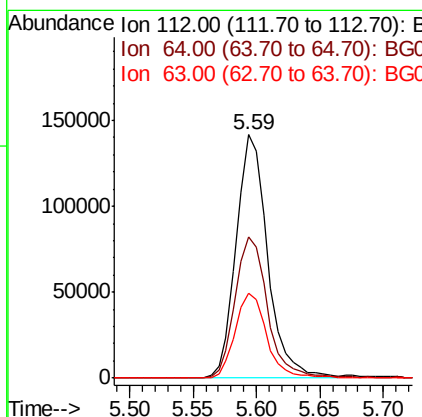
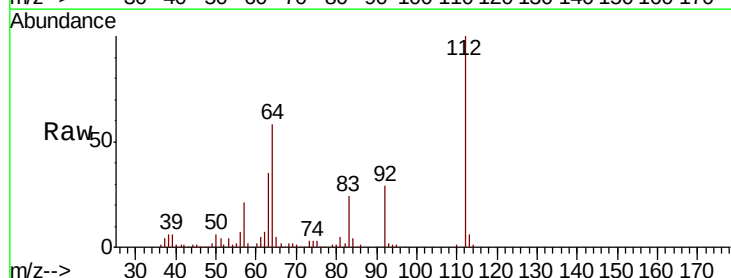
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	129.4	194.0
115	55.1	48.8	73.2

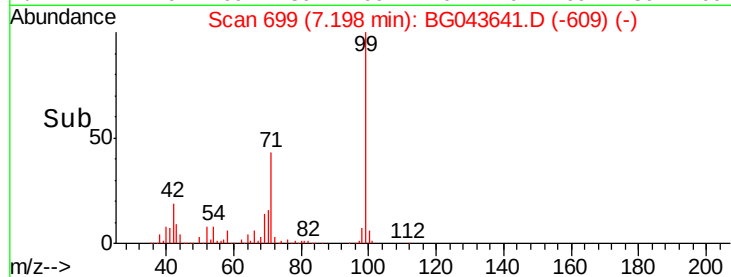
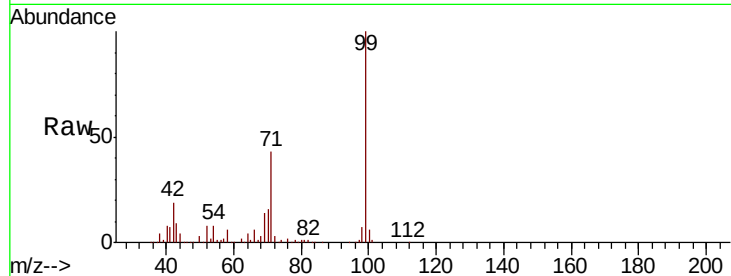
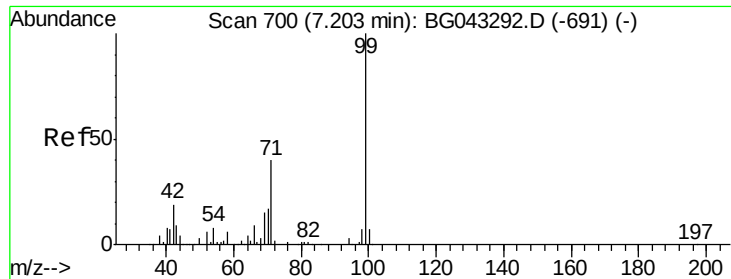


#5

2-Fluorophenol
Concen: 147.473 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	50.0	75.0
63	34.6	26.6	40.0





#7

Phenol-d6

Concen: 142.200 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

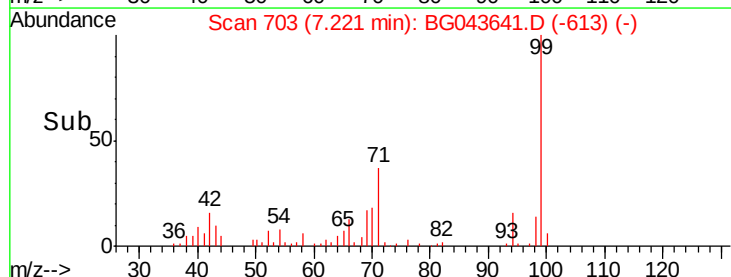
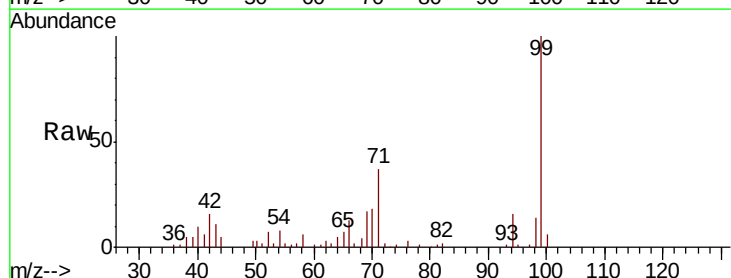
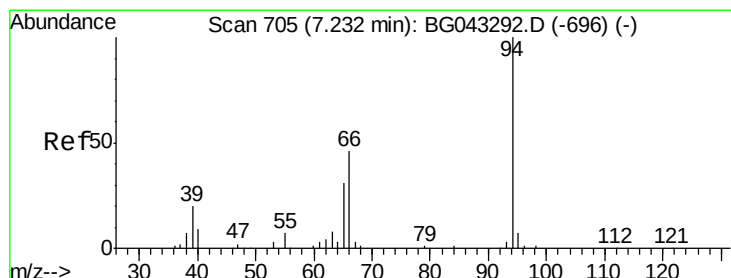
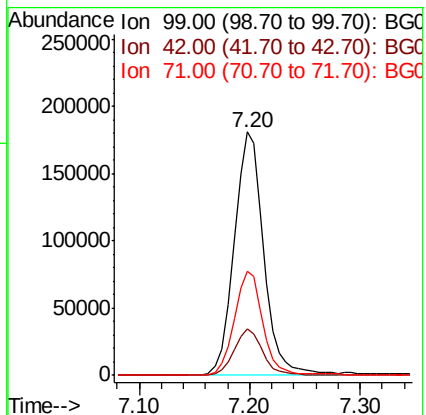
Tot Ion: 99 Resp: 338802

Ion Ratio Lower Upper

99 100

42 19.3 14.6 21.8

71 43.0 32.5 48.7



#10

Phenol

Concen: 4.664 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

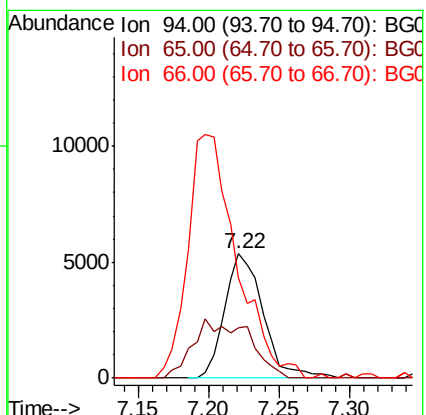
Tgt Ion: 94 Resp: 10154

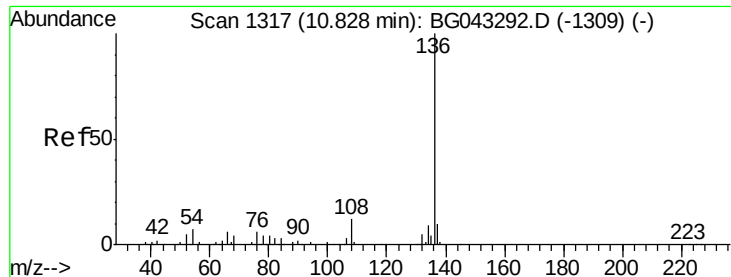
Ion Ratio Lower Upper

94 100

65 40.8 12.6 52.6

66 80.9 30.7 70.7#

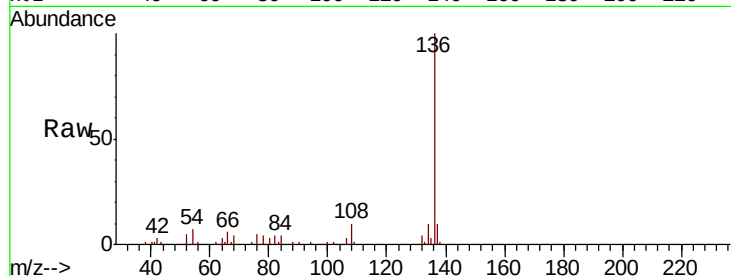




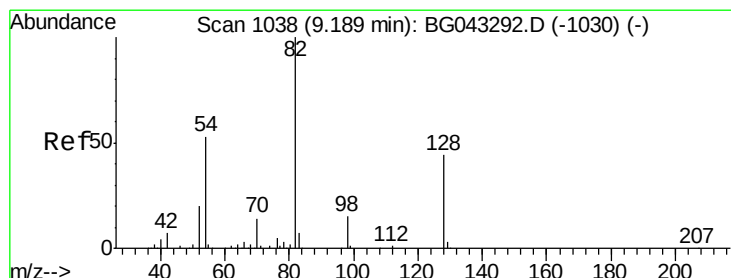
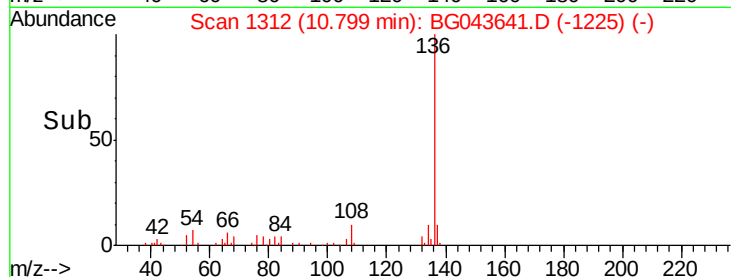
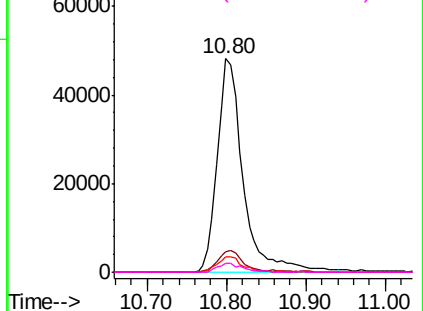
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Instrument :
BNA_G
ClientSampled :
8-(4-6)

Tot Ion:136	Resp:	109323
Ion	Ratio	Lower Upper
136	100	
137	9.7	8.7 13.1
54	7.1	5.4 8.2
68	4.1	3.0 4.4

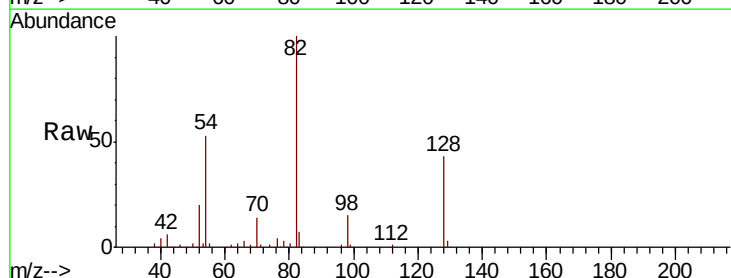


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

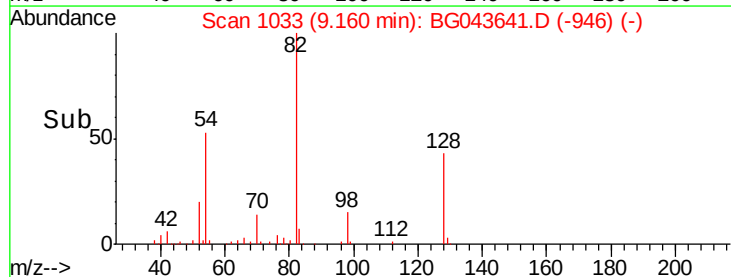
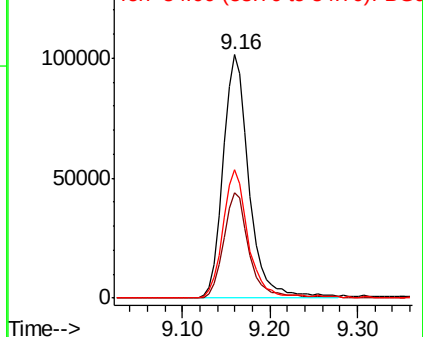


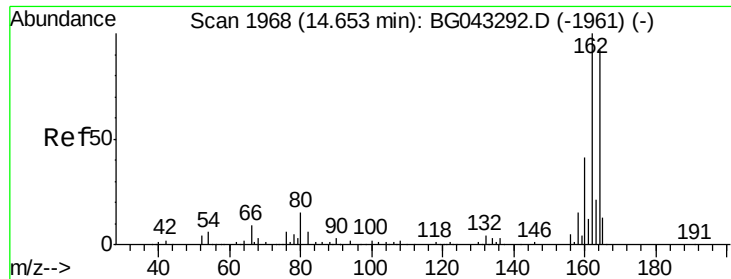
#23
Nitrobenzene-d5
Concen: 97.466 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion: 82	Resp:	206679
Ion	Ratio	Lower Upper
82	100	
128	43.4	35.0 52.6
54	52.9	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: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampleId :

8-(4-6)

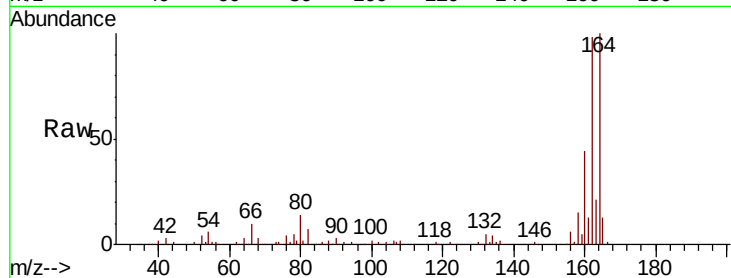
Tot Ion:164 Resp: 78588

Ion Ratio Lower Upper

164 100

162 98.2 83.5 125.3

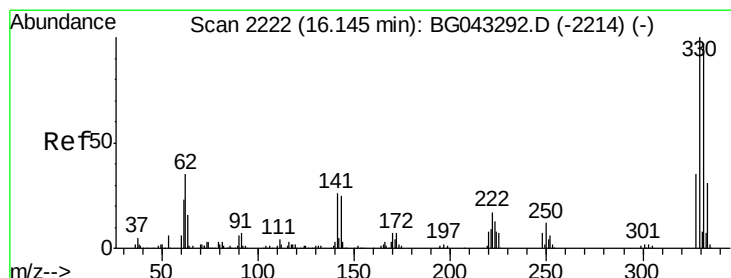
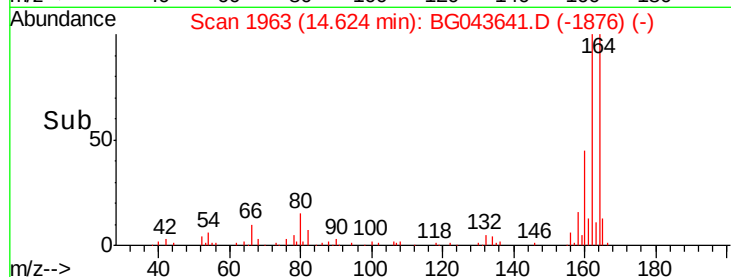
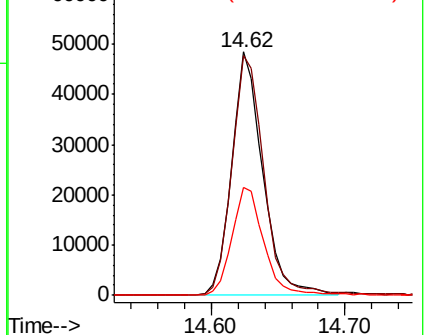
160 44.4 36.5 54.7



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: 131.321 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

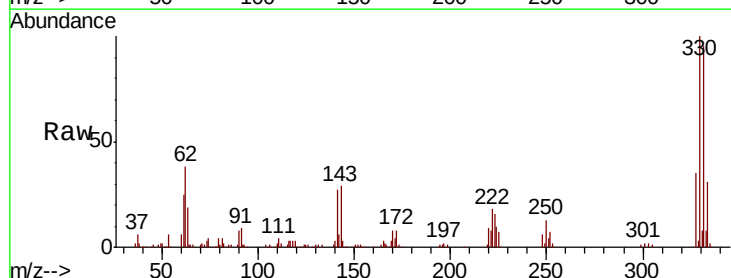
Tgt Ion:330 Resp: 196395

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

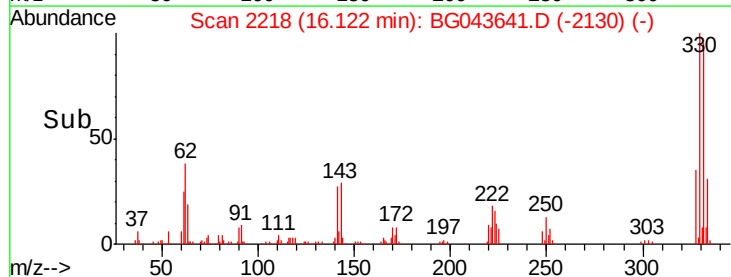
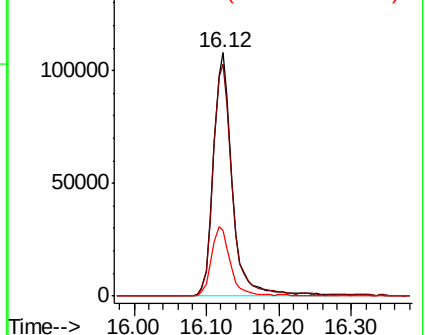
141 28.2 22.8 34.2

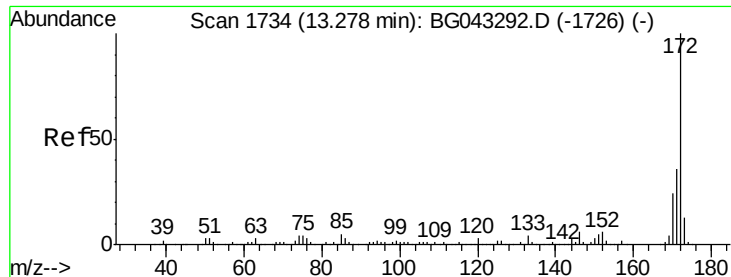


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

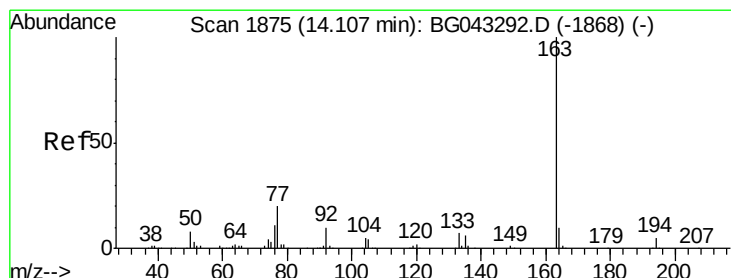
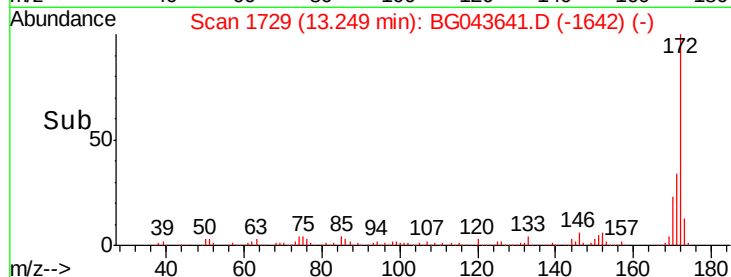
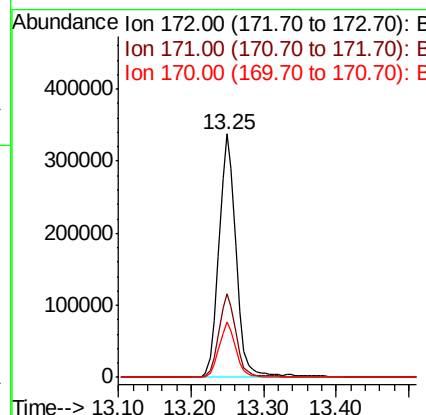
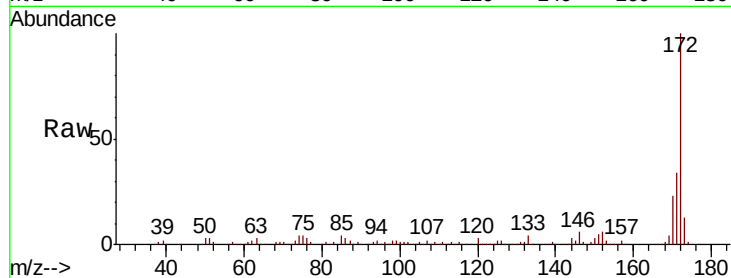




#45
2-Fluorobiphenyl
Concen: 98.386 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

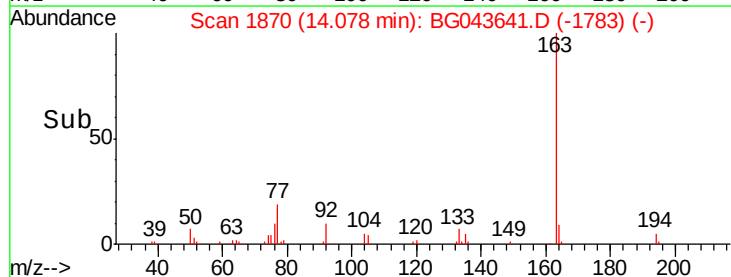
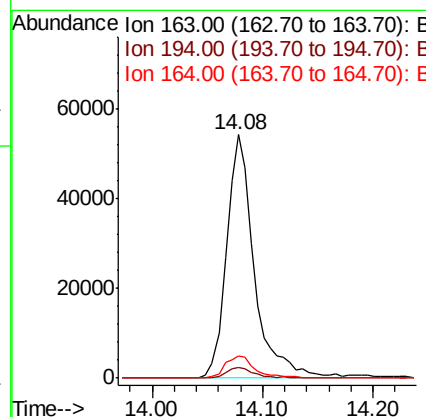
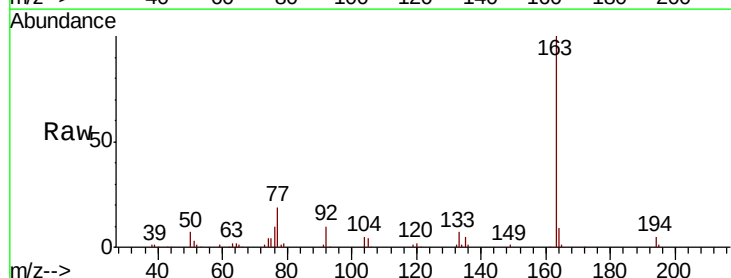
Instrument :
BNA_G
ClientSampleId :
8-(4-6)

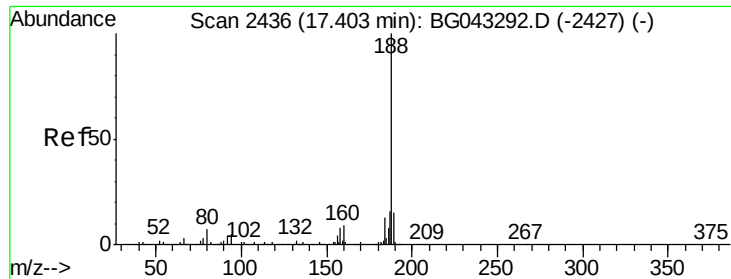
Tot Ion:172 Resp: 559554
Ion Ratio Lower Upper
172 100
171 34.4 28.9 43.3
170 22.6 18.5 27.7



#50
Dimethylphthalate
Concen: 15.637 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043641.D
Acq: 14 Nov 2019 19:48

Tgt Ion:163 Resp: 95187
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.1 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

Instrument :

BNA_G

ClientSampled :

8-(4-6)

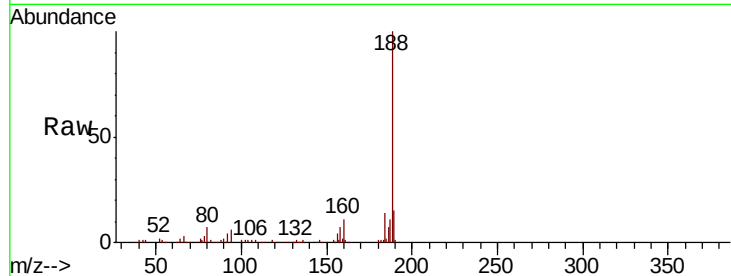
Tot Ion:188 Resp: 186614

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

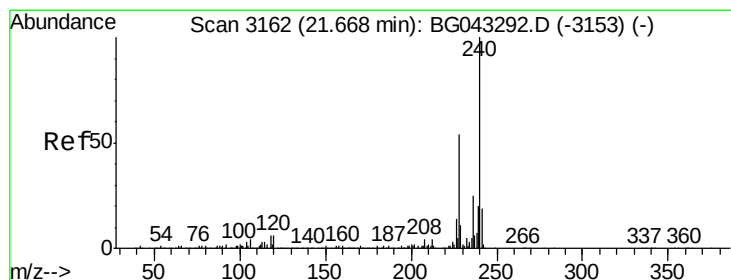
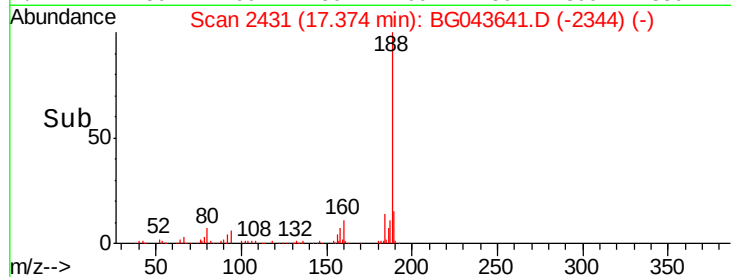
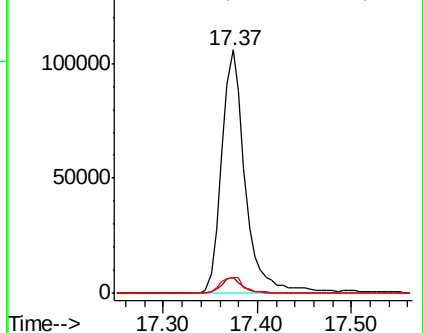
80 6.5 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043641.D

Acq: 14 Nov 2019 19:48

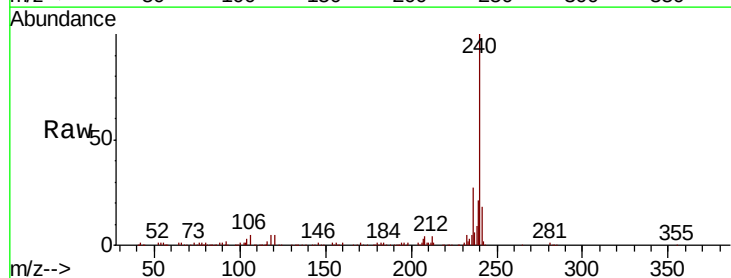
Tgt Ion:240 Resp: 202704

Ion Ratio Lower Upper

240 100

120 5.0 4.6 6.8

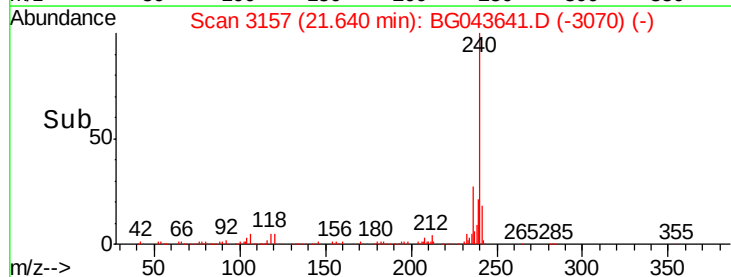
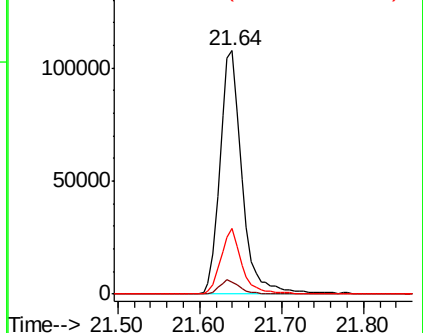
236 26.9 19.8 29.8

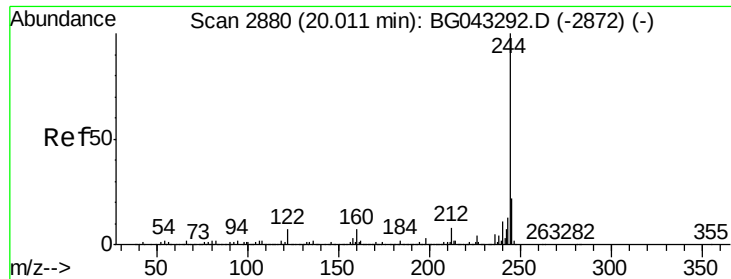


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

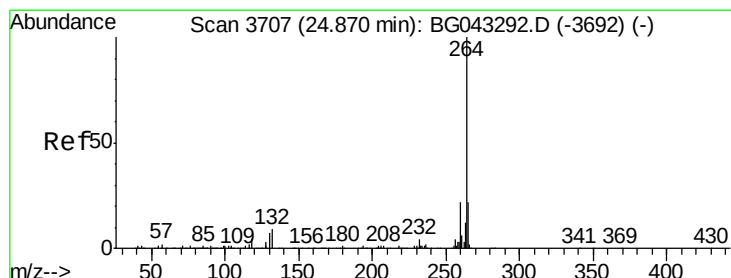
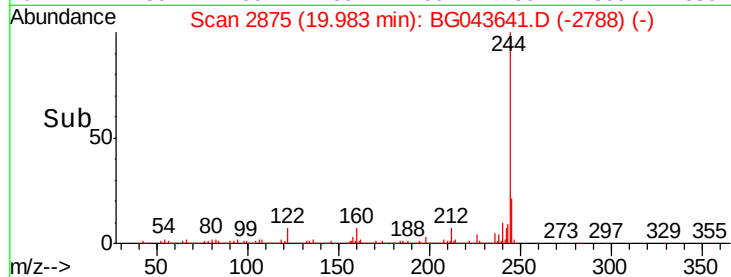
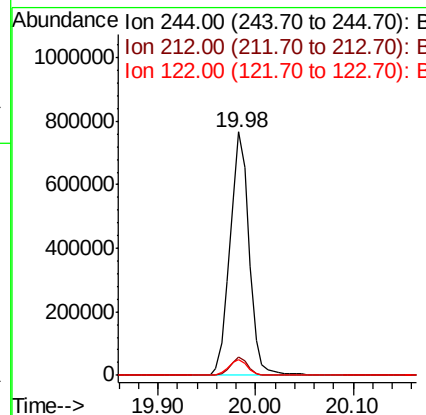
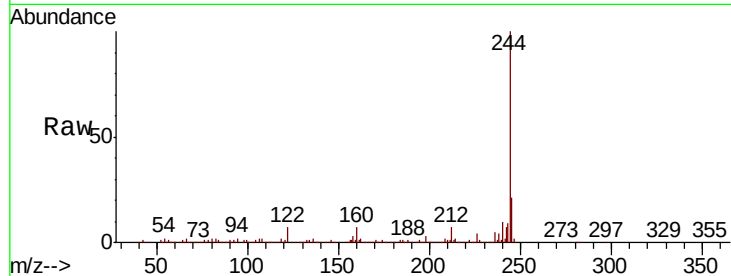




#79
 Terphenyl-d14
 Concen: 96.791 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043641.D
 Acq: 14 Nov 2019 19:48

Instrument :
 BNA_G
 ClientSampleId :
 8-(4-6)

Tot Ion:244 Resp: 1045811
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 6.5 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3698
 Delta R.T. -0.03 min
 Lab File: BG043641.D
 Acq: 14 Nov 2019 19:48

Tgt Ion:264 Resp: 234948
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.5 26.3
 265 20.7 17.4 26.0

