

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043531.D
 Acq On : 6 Nov 2019 22:05
 Operator : JU
 Sample : K5701-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 J-1

Quant Time: Nov 07 02:09:22 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

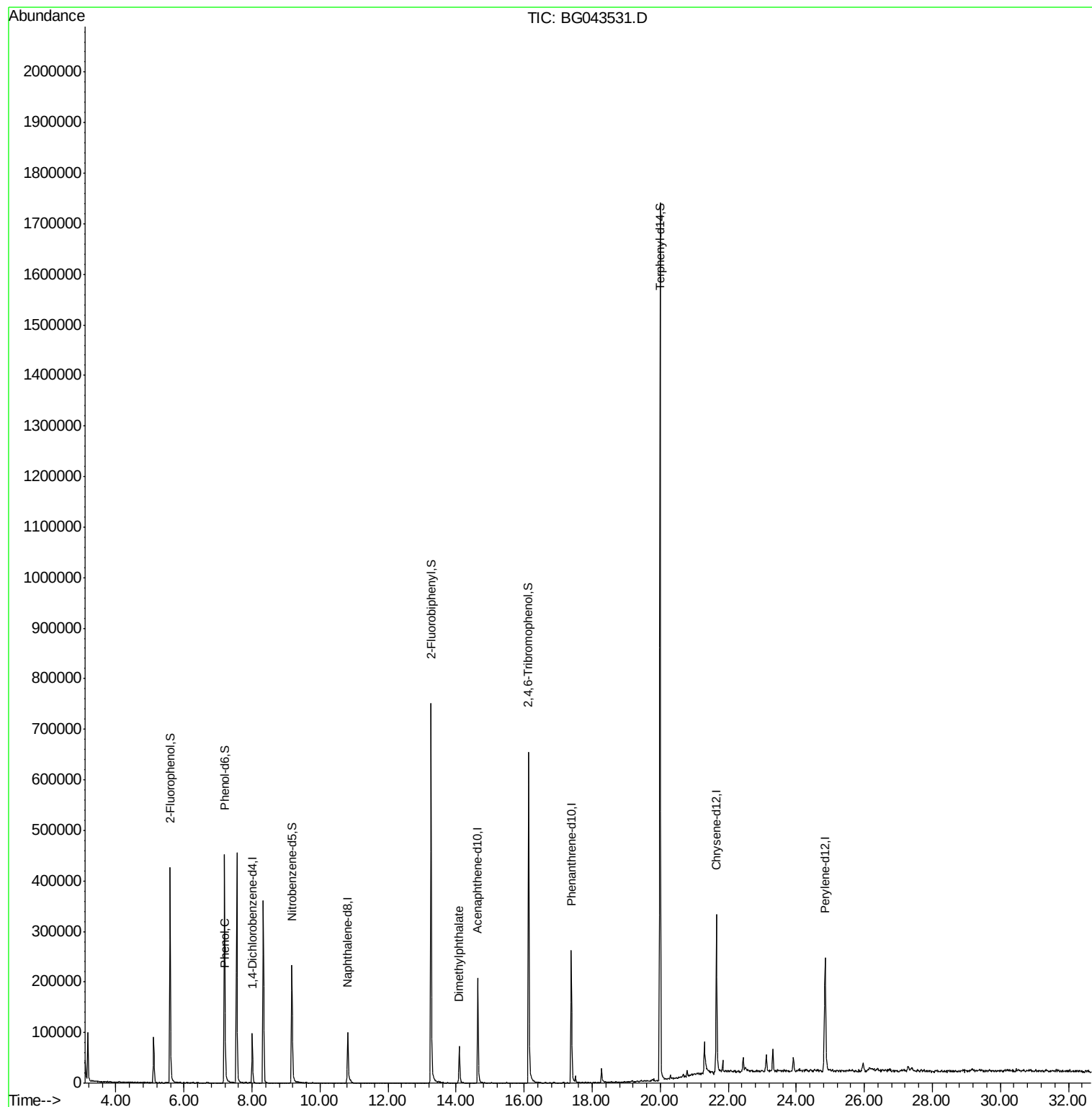
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30700	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	112408	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	84072	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	210047	20.00	ng	0.00
76) Chrysene-d12	21.65	240	217174	20.00	ng	0.00
87) Perylene-d12	24.85	264	253169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	204273	121.93	ng	0.00
7) Phenol-d6	7.19	99	288653	119.75	ng	0.00
23) Nitrobenzene-d5	9.17	82	173474	79.56	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	179371	112.11	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	465427	76.50	ng	0.00
79) Terphenyl-d14	20.00	244	926527	80.04	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8152	3.701	ng	Qvalue # 69
50) Dimethylphthalate	14.09	163	65763	10.099	ng	98

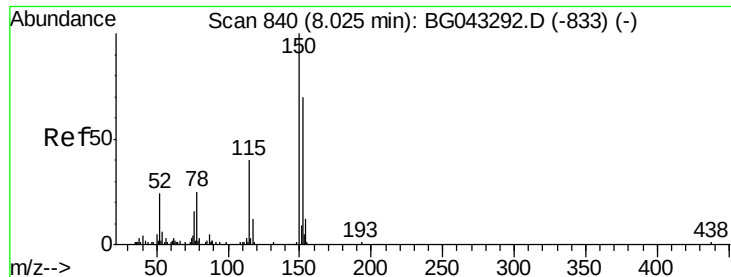
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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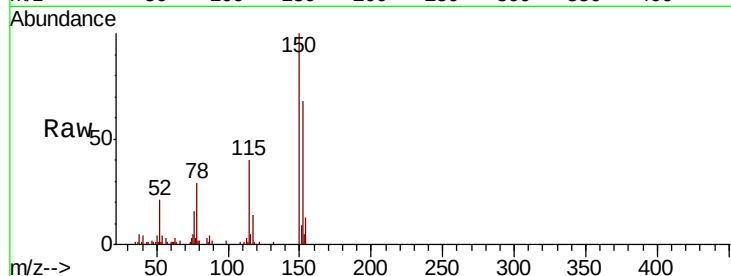


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
J-1

Tot Ion	152	Resp	30700
Ion Ratio	Lower	Upper	
152	100		
150	147.4	129.4	194.0
115	59.1	48.8	73.2

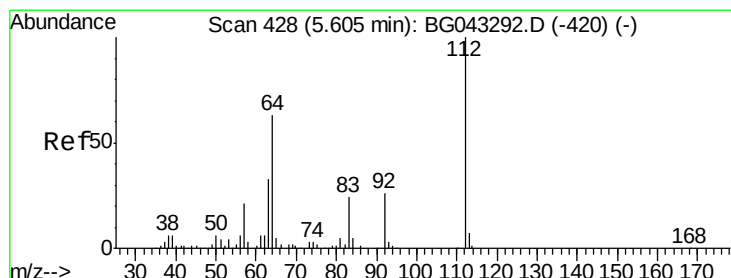
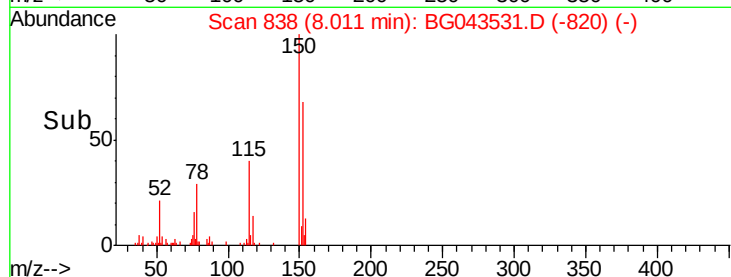
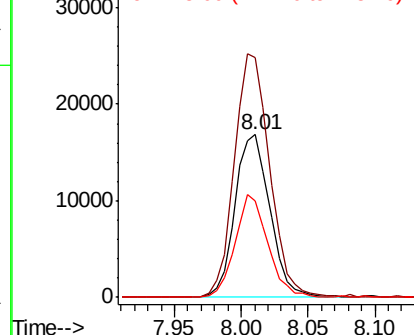


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

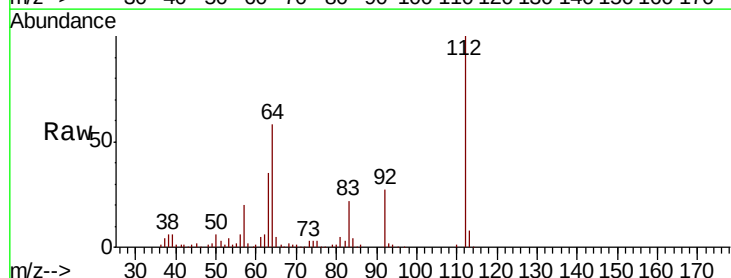
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.928 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

Tgt Ion	112	Resp	204273
Ion Ratio	Lower	Upper	
112	100		
64	58.3	50.0	75.0
63	35.4	26.6	40.0

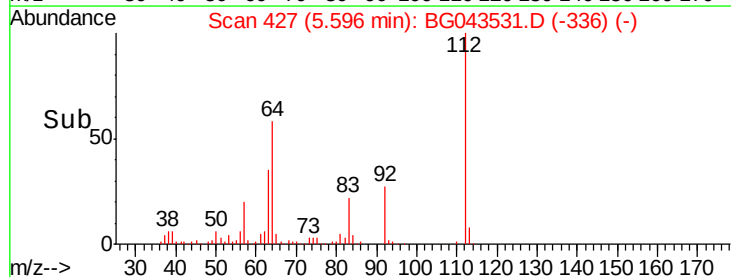
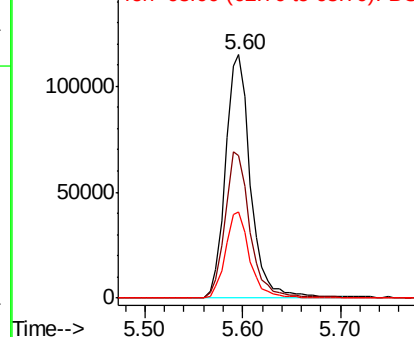


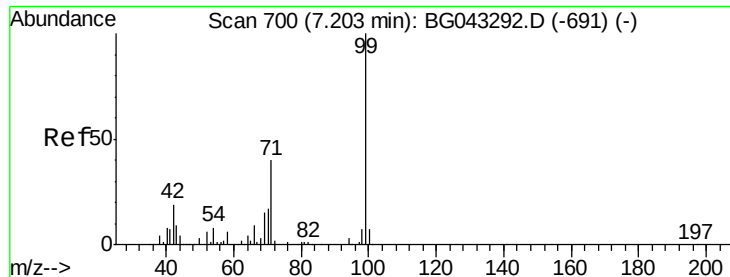
Abundance

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: 119.751 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

Instrument :

BNA_G

ClientSampled :

J-1

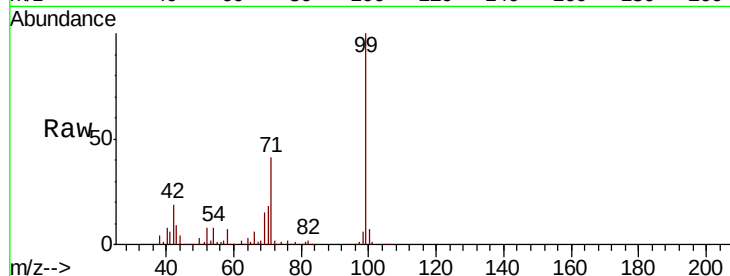
Tot Ion: 99 Resp: 288653

Ion Ratio Lower Upper

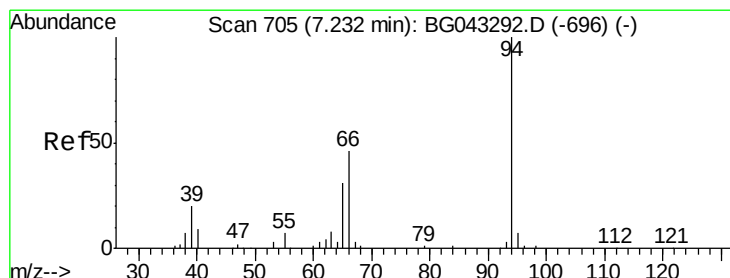
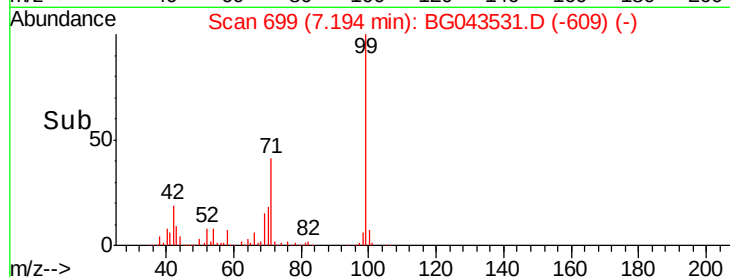
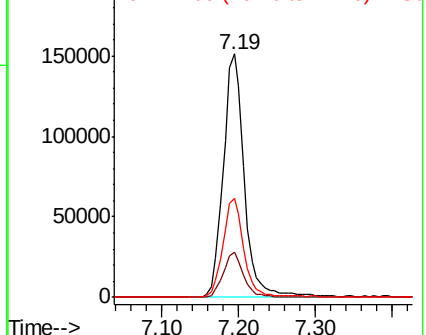
99 100

42 18.8 14.6 21.8

71 40.6 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: 3.701 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

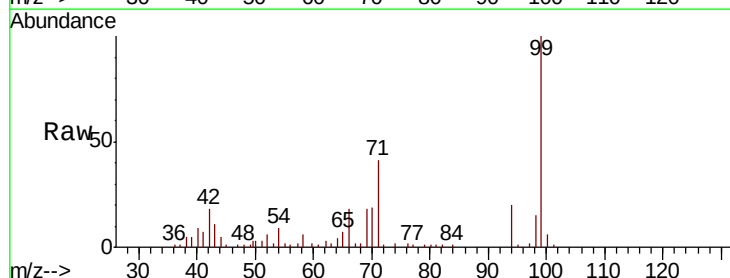
Tgt Ion: 94 Resp: 8152

Ion Ratio Lower Upper

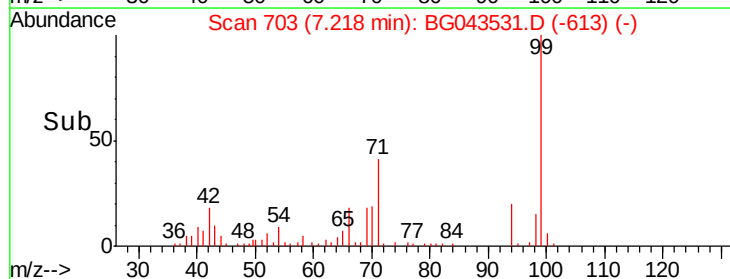
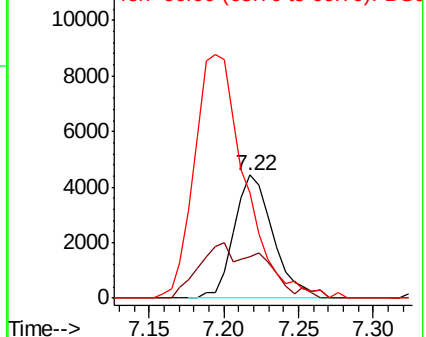
94 100

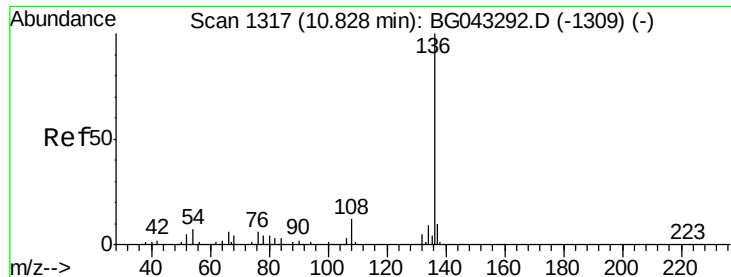
65 34.0 12.6 52.6

66 85.5 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

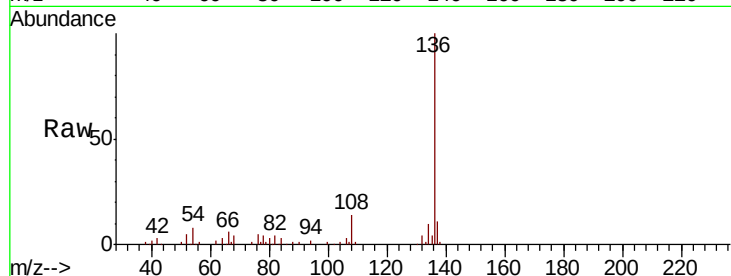




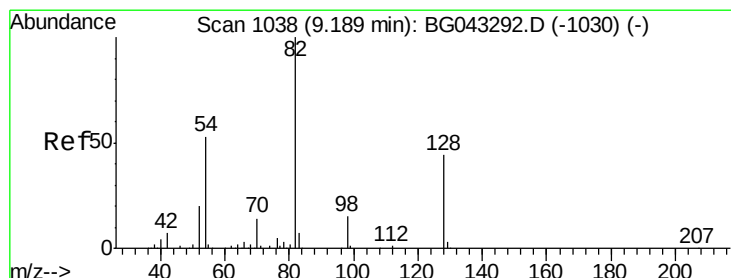
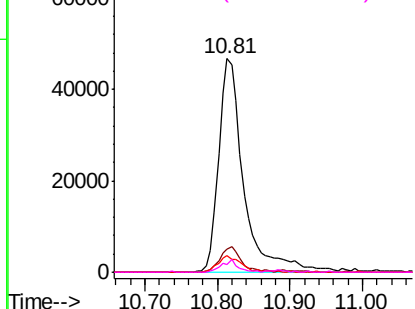
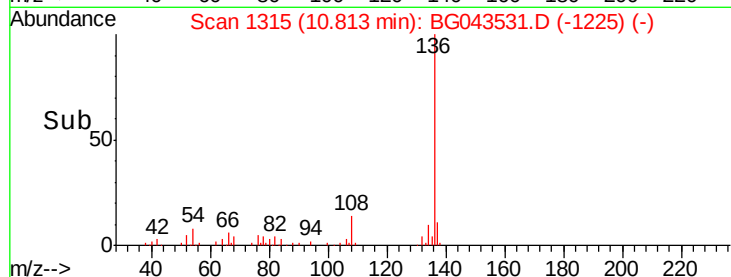
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
J-1

Tot Ion:136	Resp:	112408
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	7.9	5.4 8.2
68	3.6	3.0 4.4

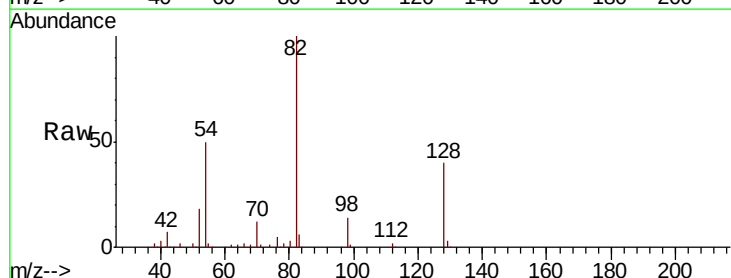


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

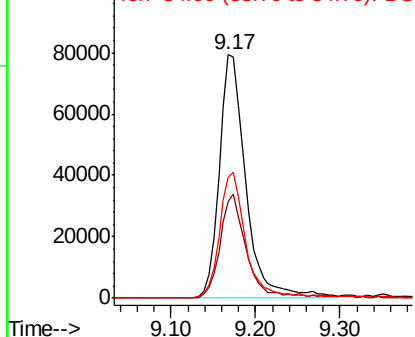
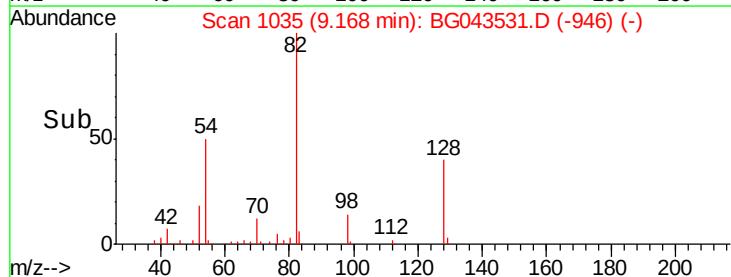


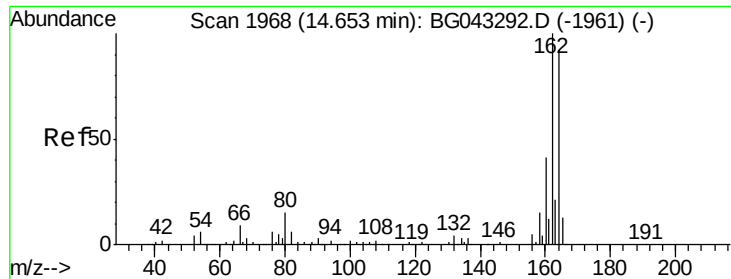
#23
Nitrobenzene-d5
Concen: 79.562 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

Tgt Ion: 82	Resp:	173474
Ion	Ratio	Lower Upper
82	100	
128	39.5	35.0 52.6
54	49.6	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: BG043531.D

Acq: 6 Nov 2019 22:05

Instrument :

BNA_G

ClientSampleId :

J-1

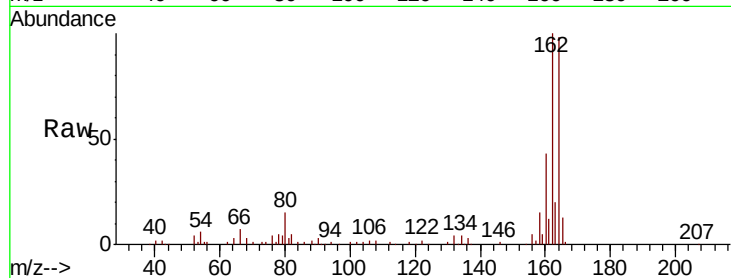
Tot Ion:164 Resp: 84072

Ion Ratio Lower Upper

164 100

162 102.2 83.5 125.3

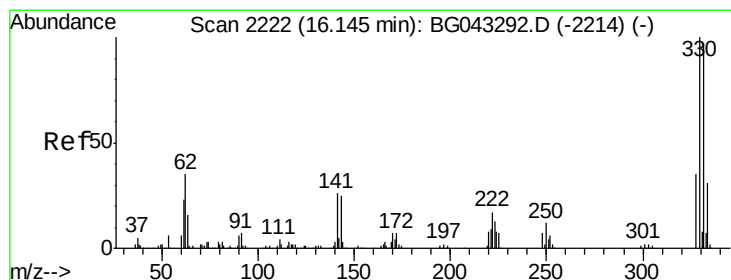
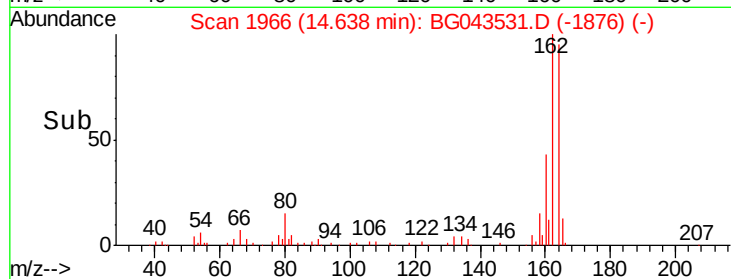
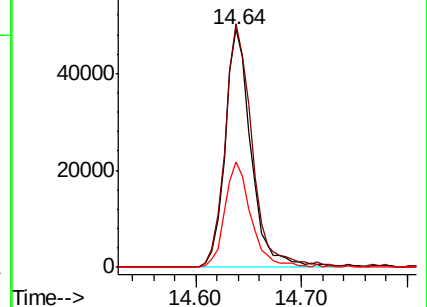
160 44.3 36.5 54.7



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: 112.114 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

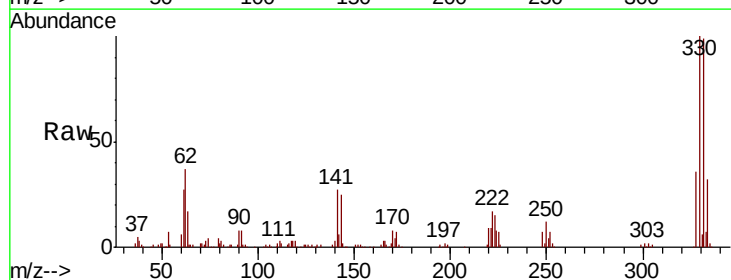
Tgt Ion:330 Resp: 179371

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

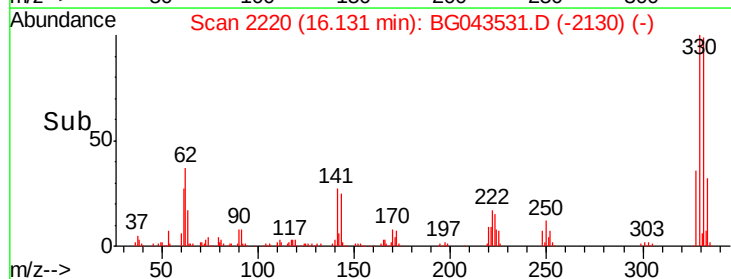
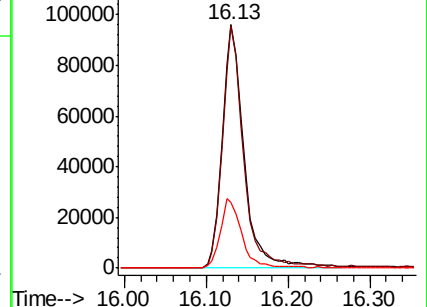
141 27.9 22.8 34.2

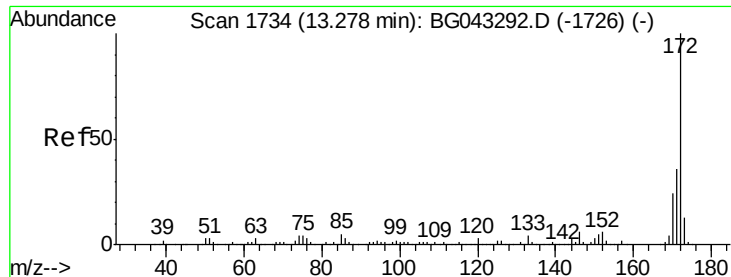


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

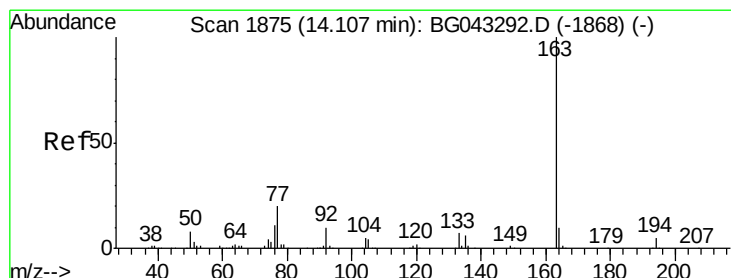
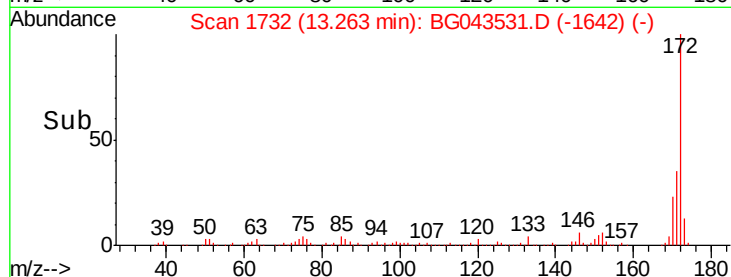
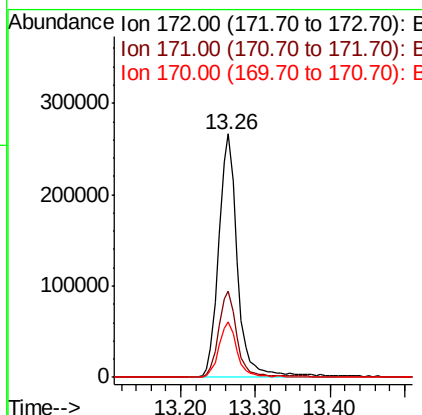
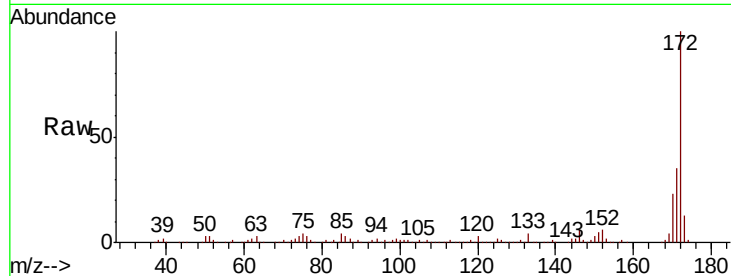




#45
2-Fluorobiphenyl
Concen: 76.497 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

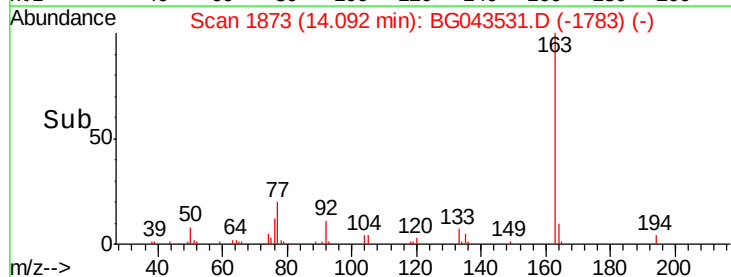
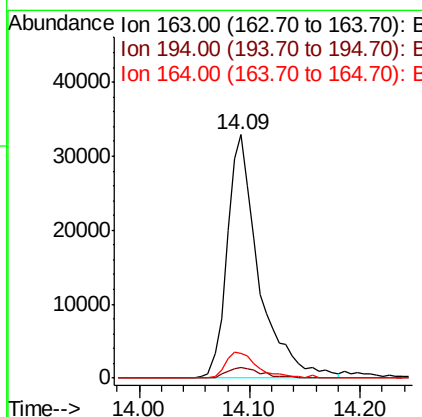
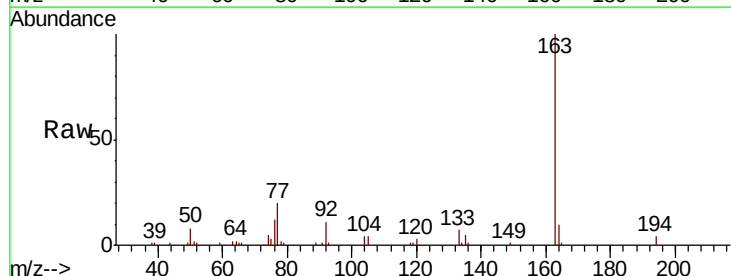
Instrument :
BNA_G
ClientSampleId :
J-1

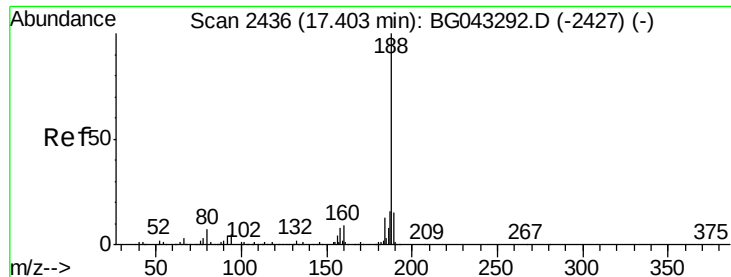
Tot Ion:172 Resp: 465427
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 10.099 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043531.D
Acq: 6 Nov 2019 22:05

Tgt Ion:163 Resp: 65763
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.2 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

Instrument :

BNA_G

ClientSampled :

J-1

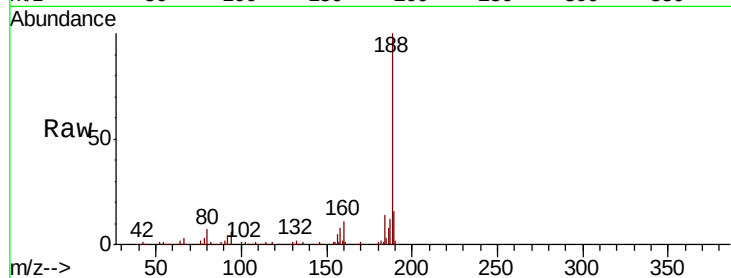
Tot Ion:188 Resp: 210047

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

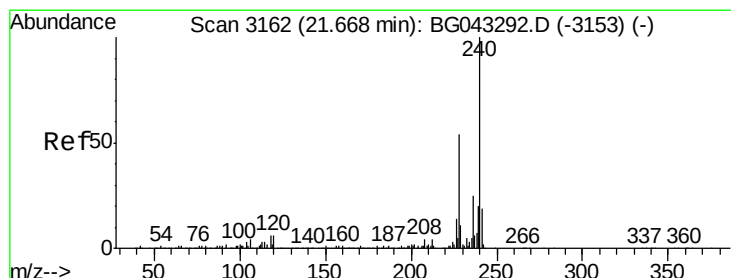
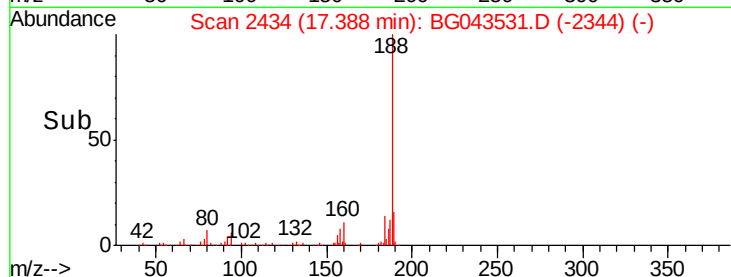
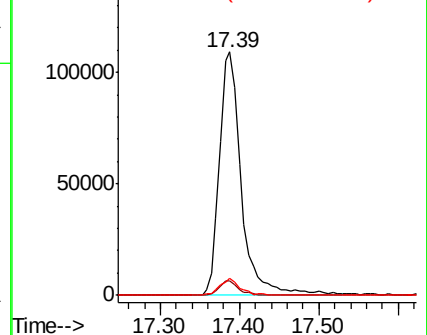
80 6.7 4.5 6.7#



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# 3160

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

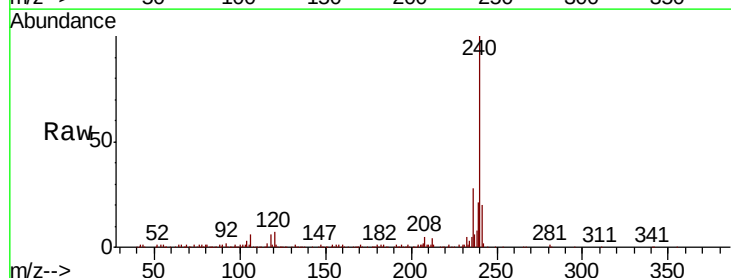
Tgt Ion:240 Resp: 217174

Ion Ratio Lower Upper

240 100

120 6.5 4.6 6.8

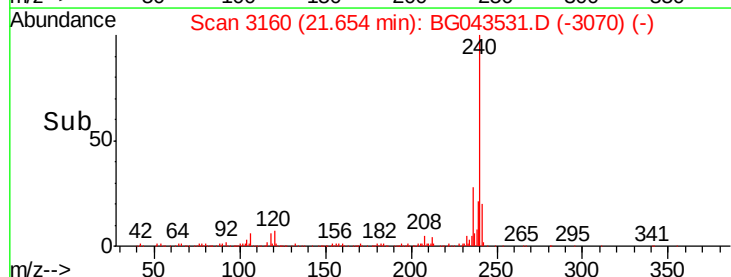
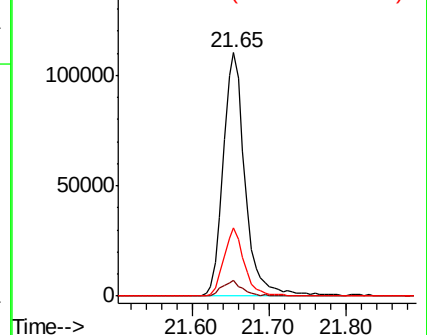
236 28.1 19.8 29.8

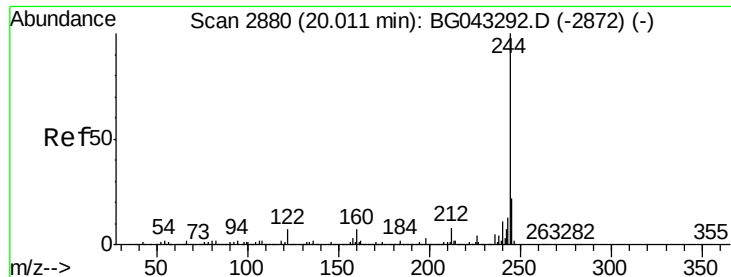


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.038 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

Instrument :

BNA_G

ClientSampleId :

J-1

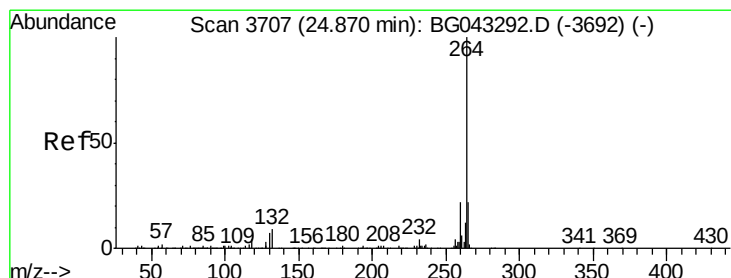
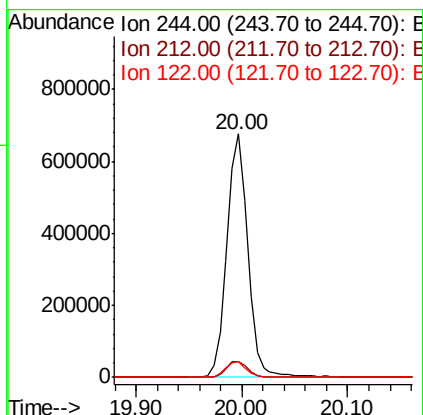
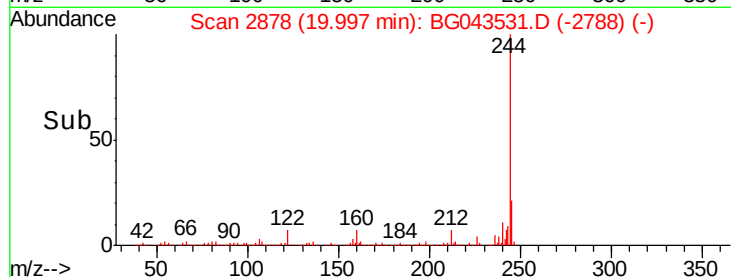
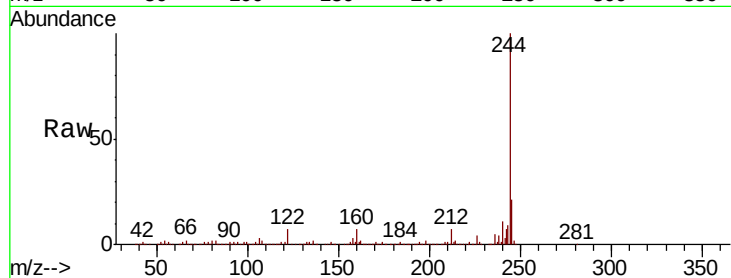
Tot Ion:244 Resp: 926527

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 6.7 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043531.D

Acq: 6 Nov 2019 22:05

Tgt Ion:264 Resp: 253169

Ion Ratio Lower Upper

264 100

260 22.2 17.5 26.3

265 22.4 17.4 26.0

