

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049006.D
 Acq On : 16 Jun 2021 20:41
 Operator : CG/JU
 Sample : M2672-31
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(48-52)

Quant Time: Jun 17 03:32:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

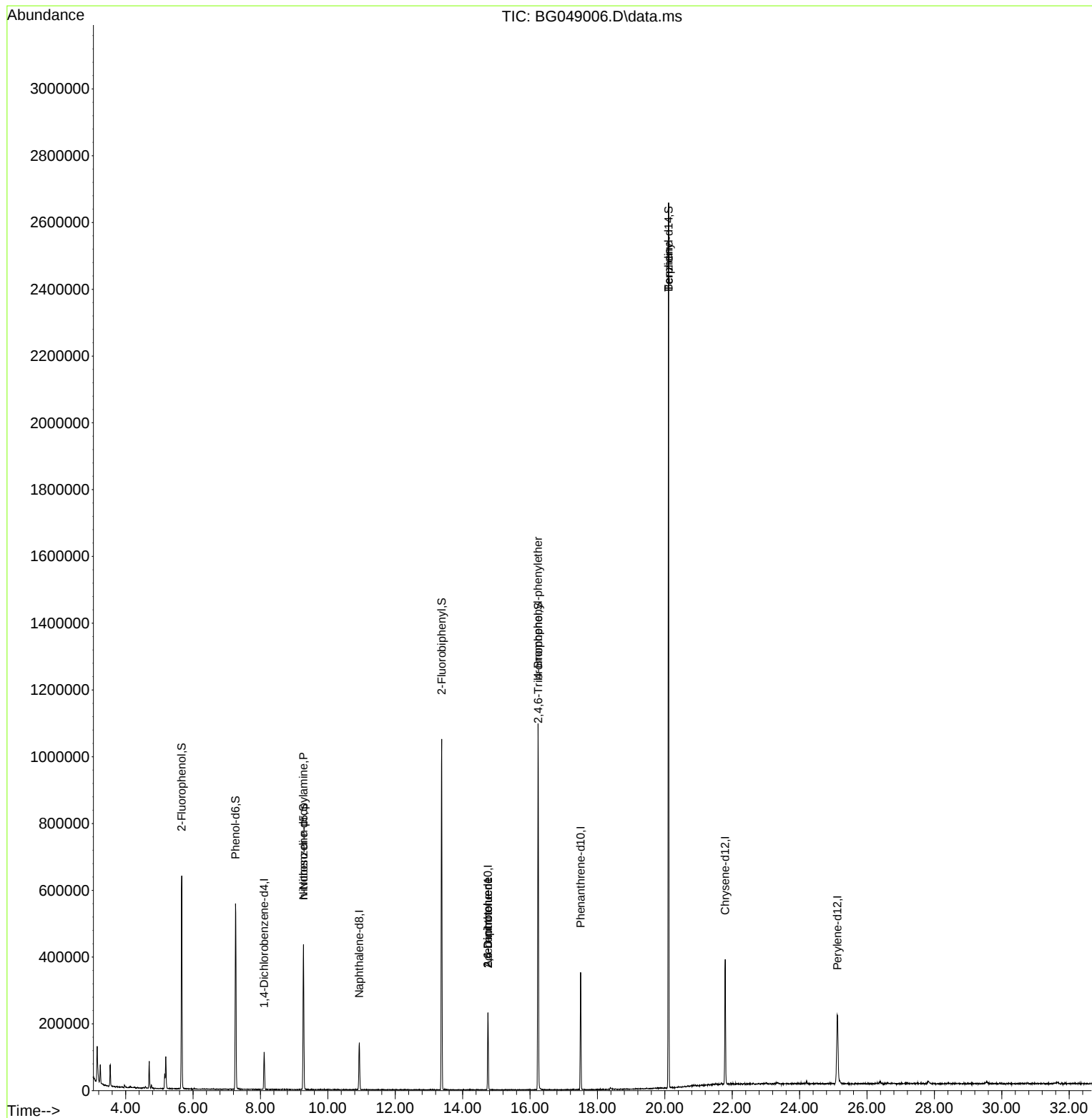
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	28267	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	110836	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	86007	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	224913	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	234129	20.00	ng	0.00
86) Perylene-d12	25.118	264	236418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	240707	132.56	ng	0.00
7) Phenol-d6	7.263	99	287532	105.65	ng	0.00
23) Nitrobenzene-d5	9.278	82	251932	98.01	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	202643	159.03	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	531016	87.22	ng	0.00
79) Terphenyl-d14	20.112	244	1215696	95.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.278	70	37591	17.67	ng	# 76
51) 2,6-Dinitrotoluene	14.754	165	10564	7.74	ng	# 10
57) 2,4-Dinitrotoluene	14.754	165	10564	6.30	ng	# 15
67) 4-Bromophenyl-phenylether	16.241	248	13277	4.73	ng	# 1
77) Benzidine	20.112	184	23125	4.90	ng	# 92

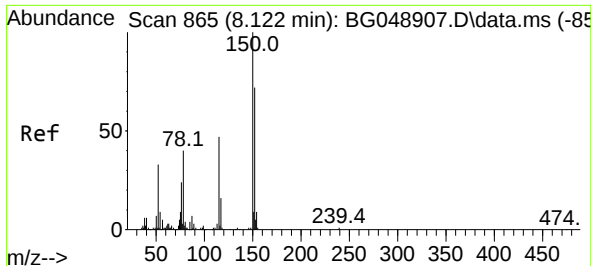
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
Data File : BG049006.D
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Sample : M2672-31
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Quant Time: Jun 17 03:32:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

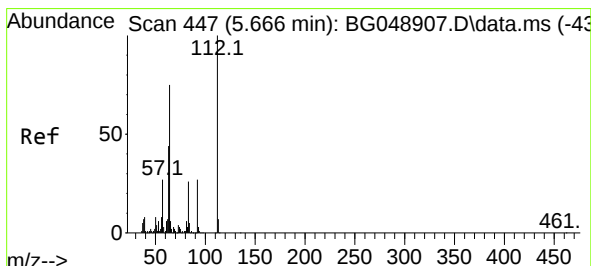
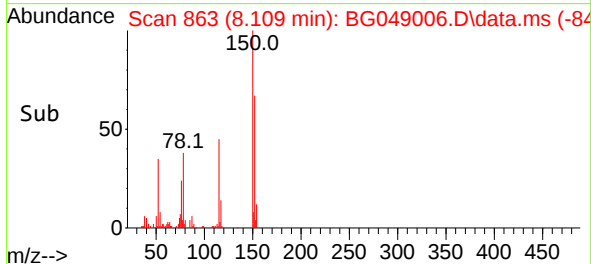
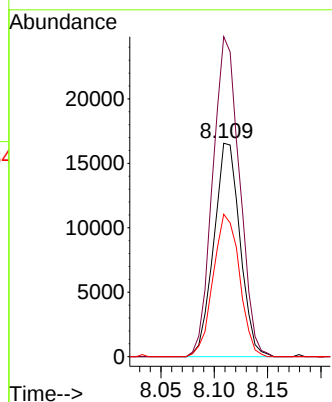
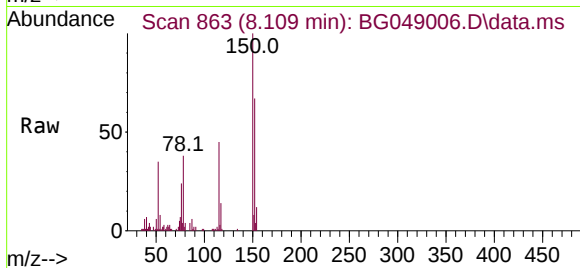




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

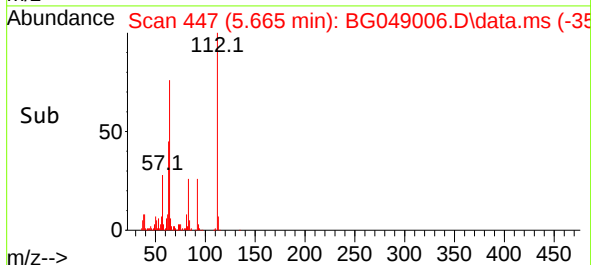
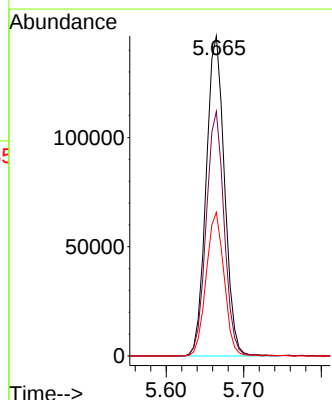
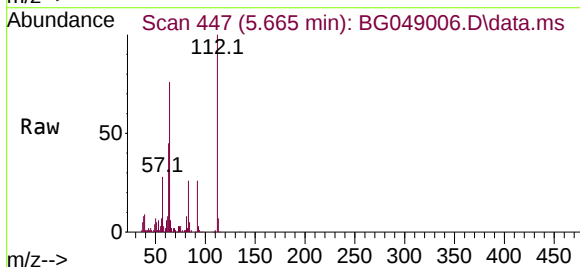
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

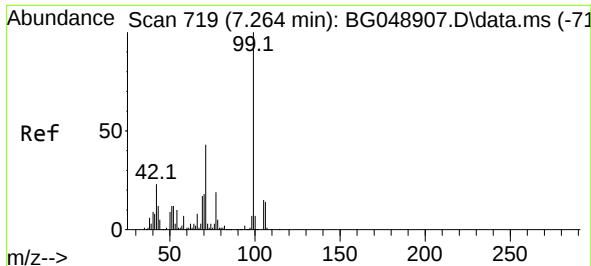
Tgt Ion:152 Resp: 28267
Ion Ratio Lower Upper
152 100
150 150.0 119.4 179.0
115 66.8 60.2 90.4



#5
2-Fluorophenol
Concen: 132.56 ng
RT: 5.665 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion:112 Resp: 240707
Ion Ratio Lower Upper
112 100
64 76.4 46.7 70.1#
63 44.9 35.3 52.9

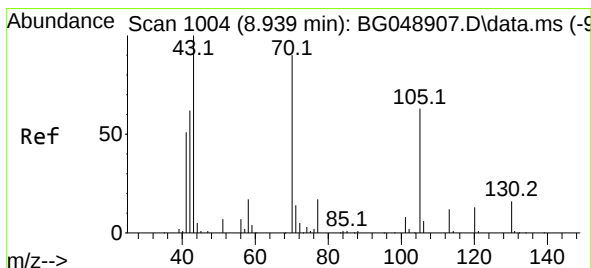
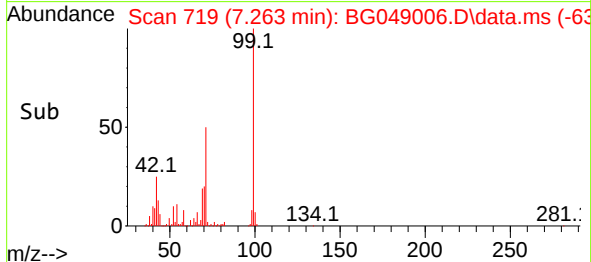
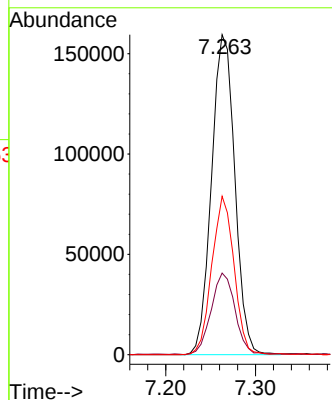
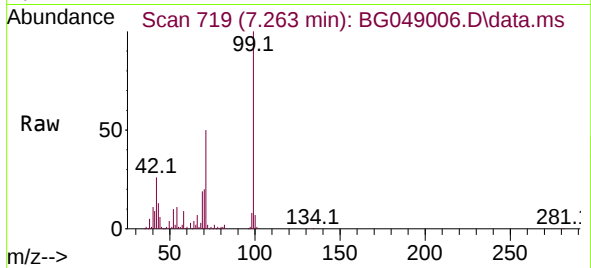




#7
Phenol-d6
Concen: 105.65 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

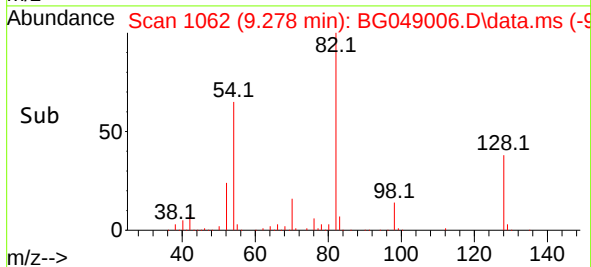
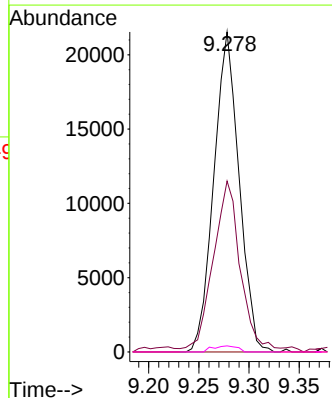
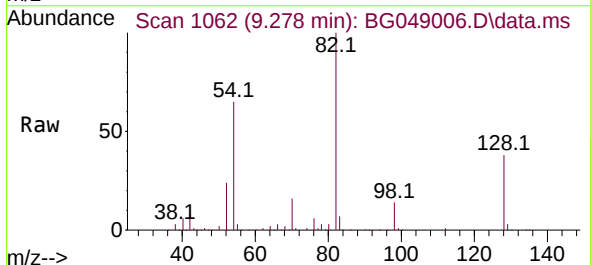
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Tgt Ion: 99 Resp: 287532
Ion Ratio Lower Upper
99 100
42 25.5 20.5 30.7
71 49.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion: 70 Resp: 37591
Ion Ratio Lower Upper
70 100
42 53.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

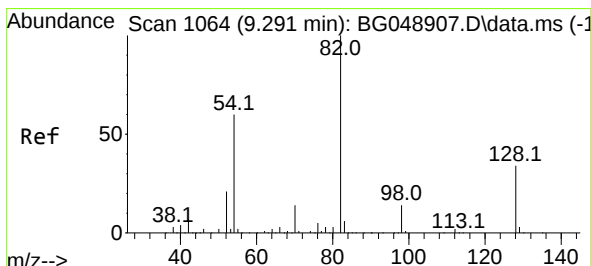
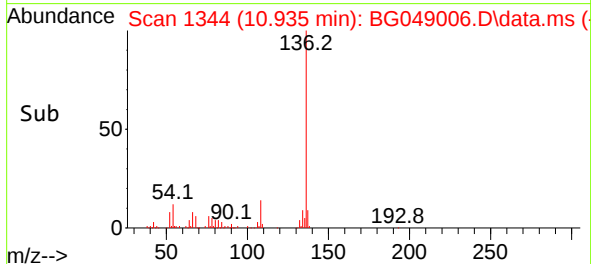
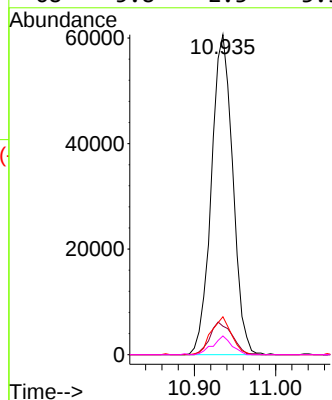
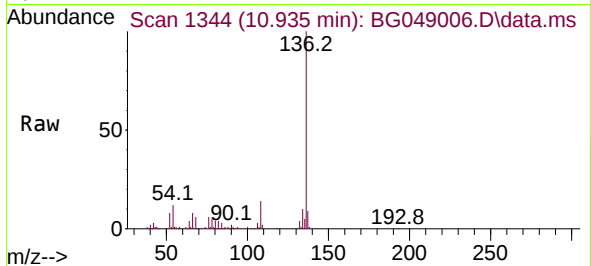




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

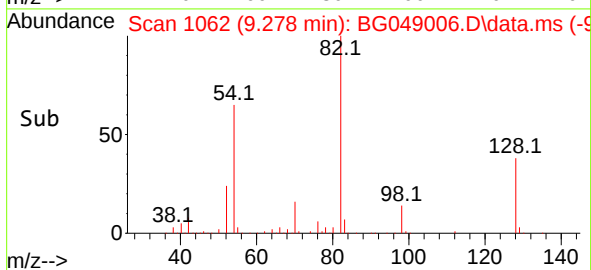
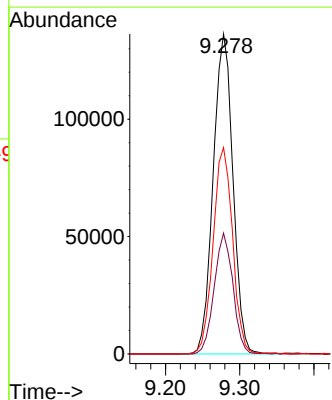
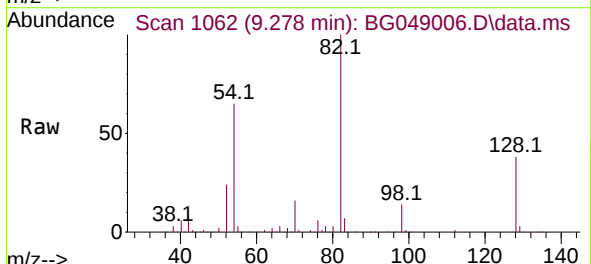
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Tgt Ion:136	Resp:	110836
Ion Ratio	Lower	Upper
136	100	
137	8.9	8.2 12.2
54	11.9	5.5 8.3#
68	5.8	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 98.01 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion: 82	Resp:	251932
Ion Ratio	Lower	Upper
82	100	
128	37.8	29.8 44.6
54	64.5	45.8 68.8

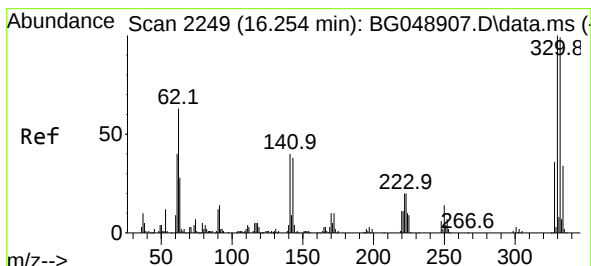
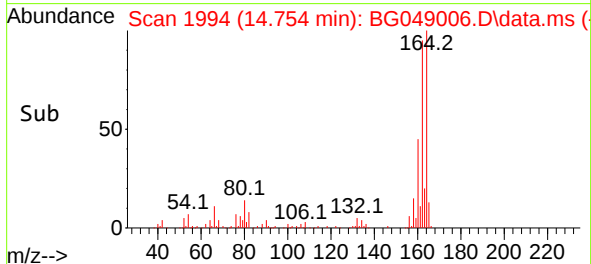
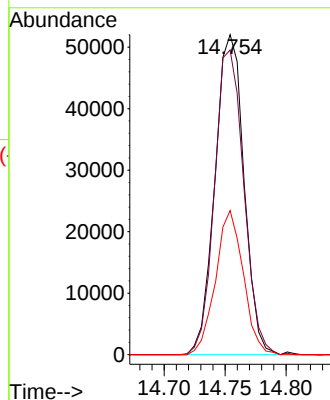
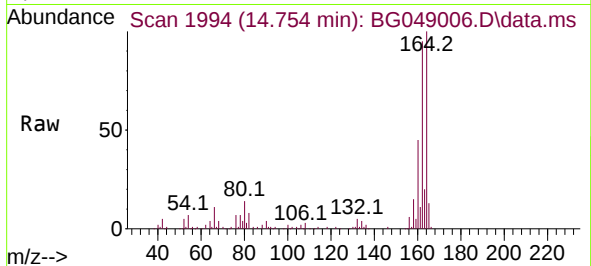




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

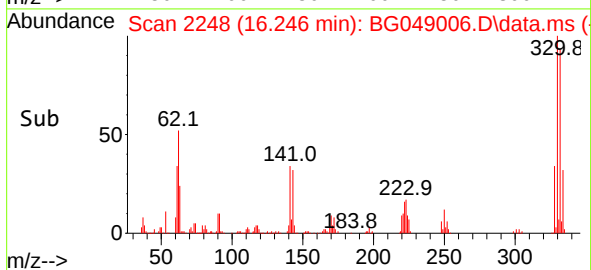
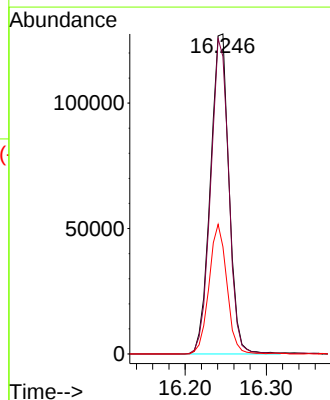
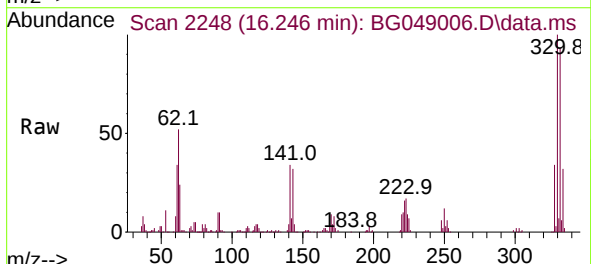
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

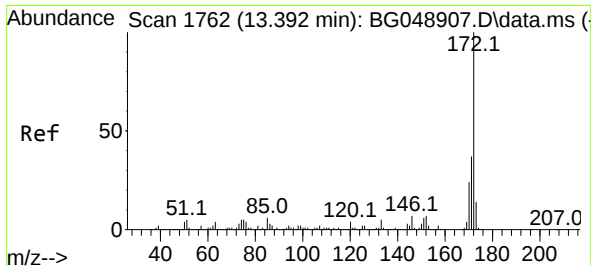
Tgt Ion:164 Resp: 86007
Ion Ratio Lower Upper
164 100
162 95.2 81.4 122.0
160 45.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 159.03 ng
RT: 16.246 min Scan# 2248
Delta R.T. 0.001 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion:330 Resp: 202643
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 38.7 35.6 53.4

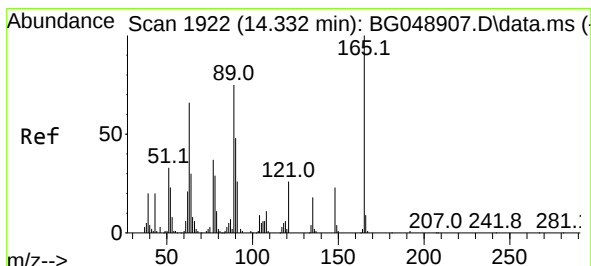
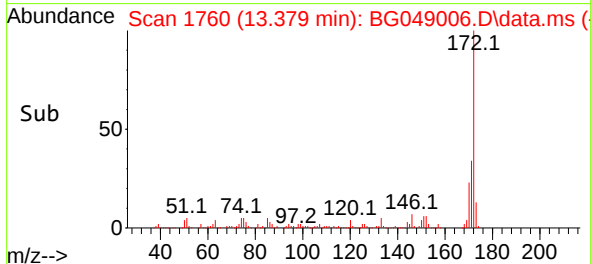
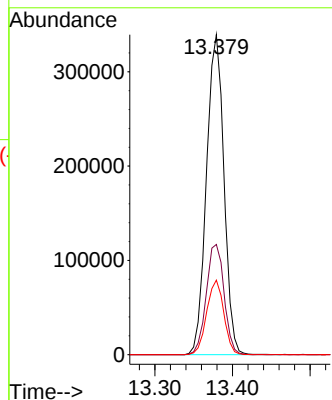
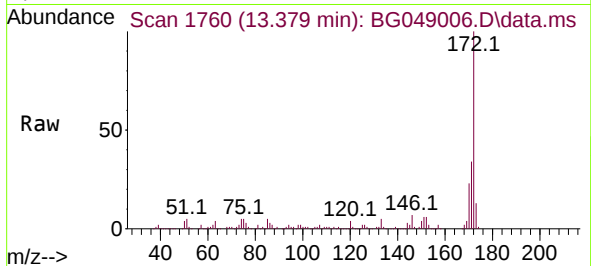




#45
2-Fluorobiphenyl
Concen: 87.22 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

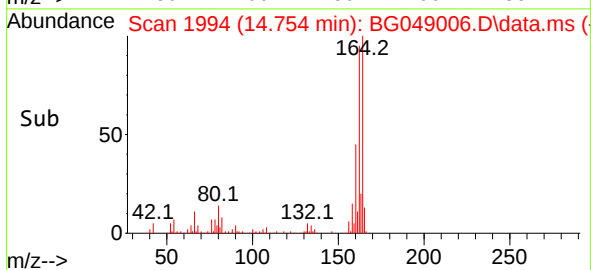
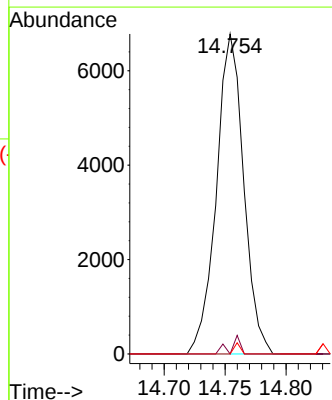
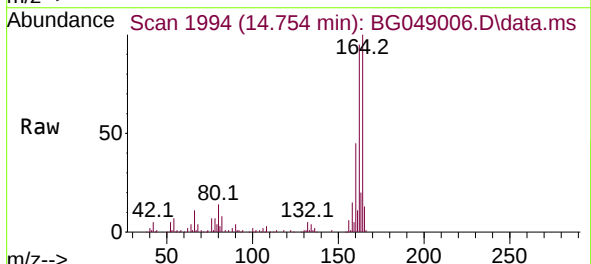
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Tgt Ion:172 Resp: 531016
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

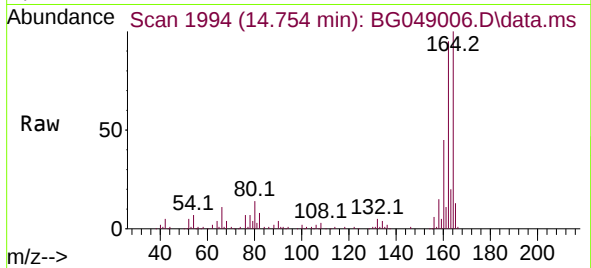
Tgt Ion:165 Resp: 10564
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



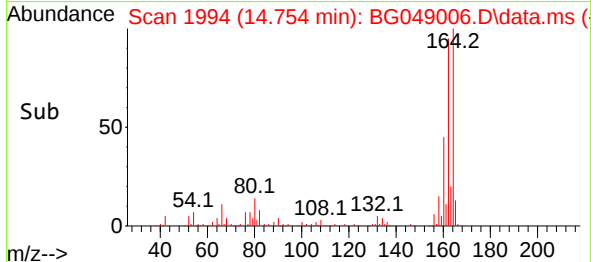
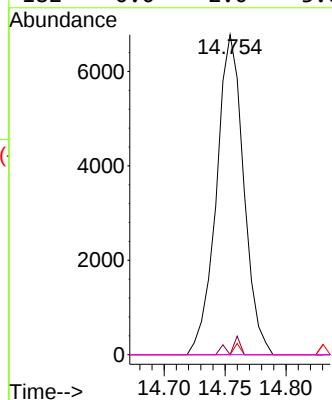


#57
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.357 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

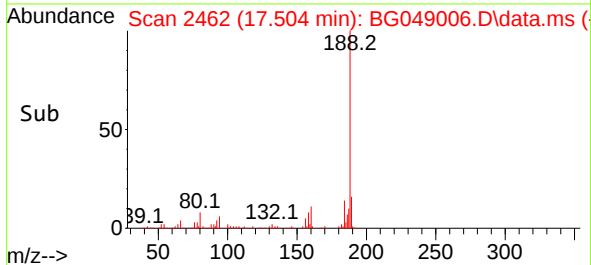
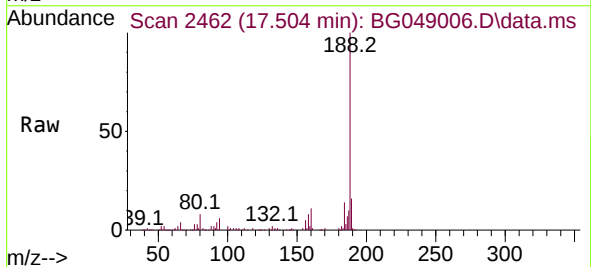
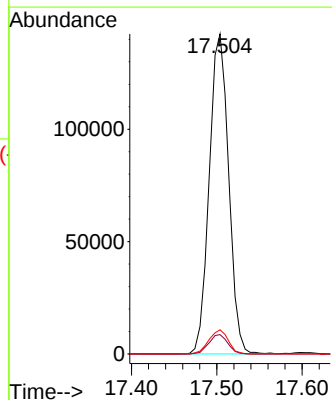


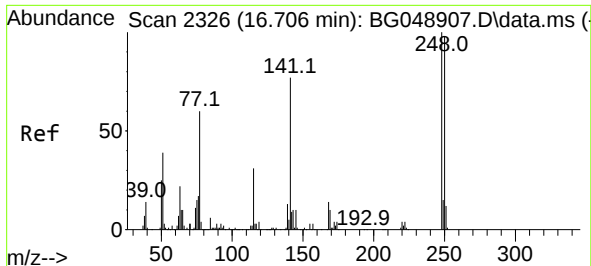
Tgt Ion:165 Resp: 10564
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion:188 Resp: 224913
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.5 3.7 5.5#

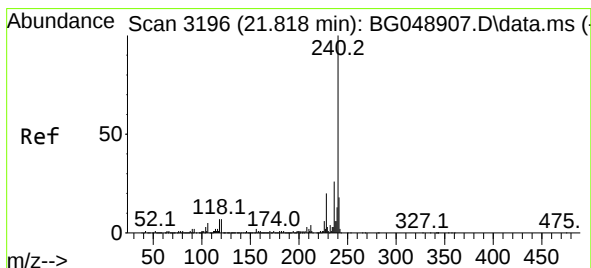
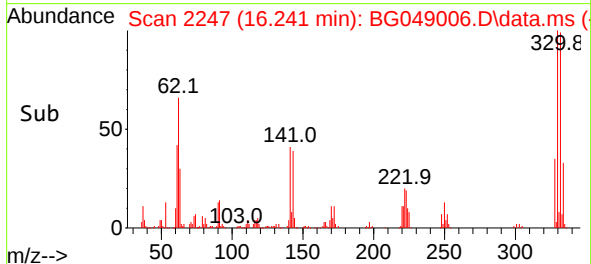
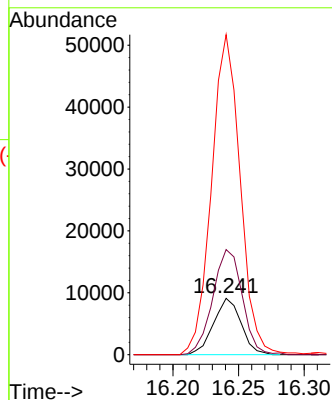
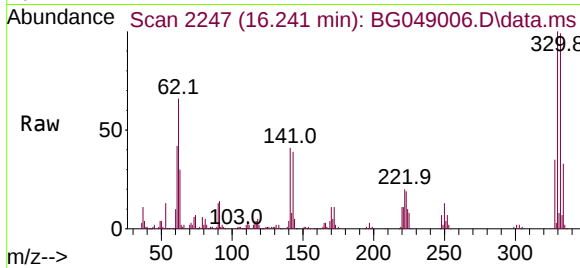




#67
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 16.241 min Scan# 2247
Delta R.T. -0.451 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

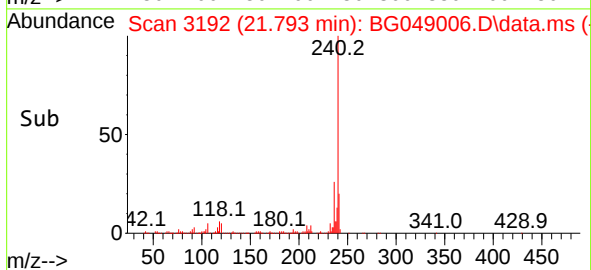
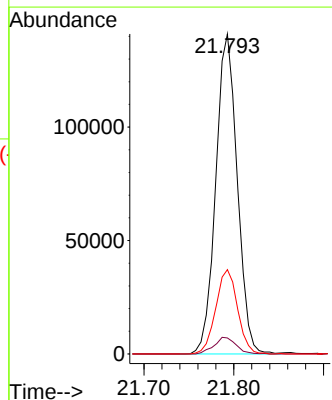
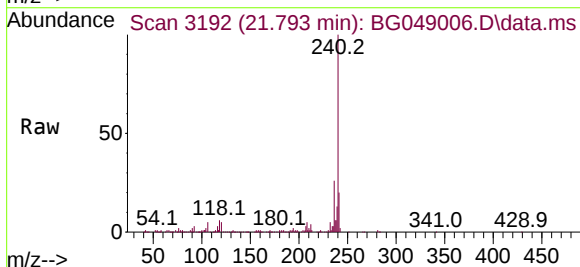
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BNA_G
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17-B6(48-52)

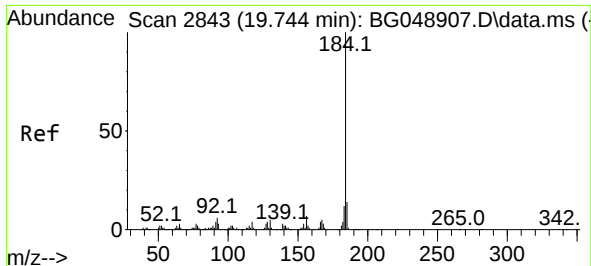
Tgt Ion:248 Resp: 13277
Ion Ratio Lower Upper
248 100
250 186.5 76.1 114.1#
141 567.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

Tgt Ion:240 Resp: 234129
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.3 21.8 32.6

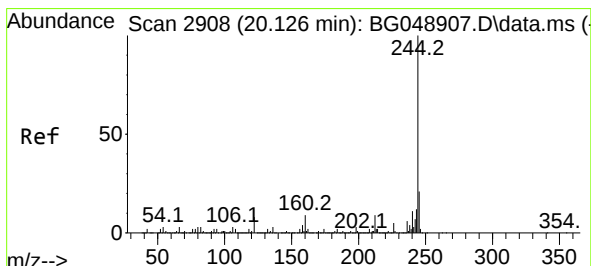
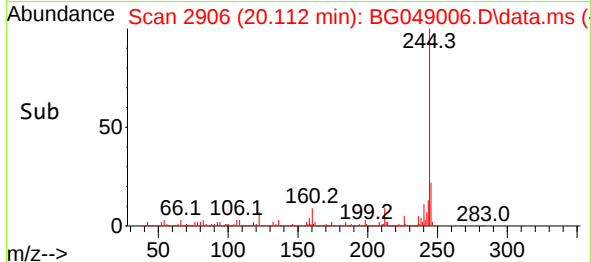
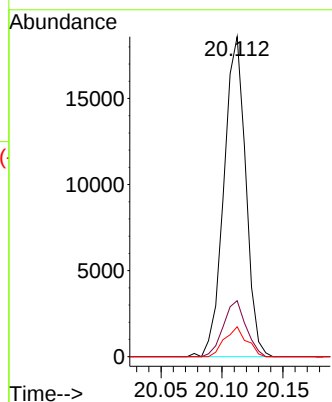
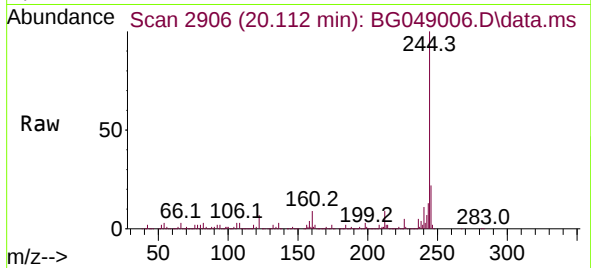




#77
Benzidine
Concen: 4.90 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.383 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

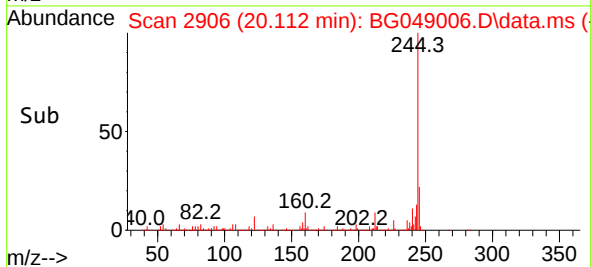
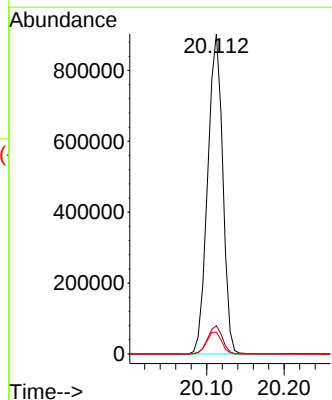
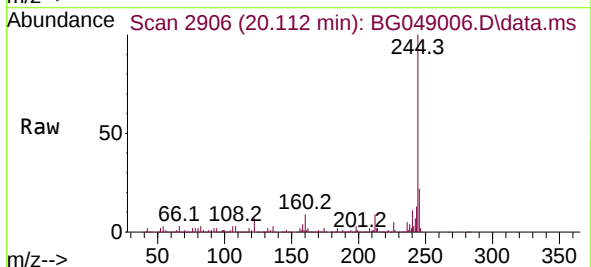
Instrument :
BNA_G
ClientSampled :
17-B6(48-52)

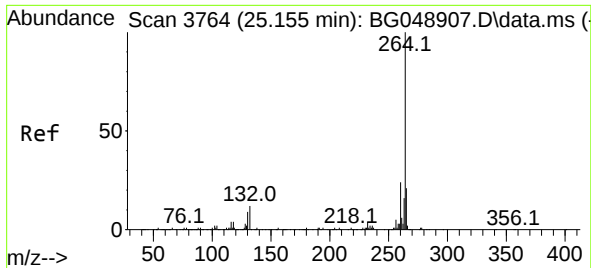
Tgt Ion:184 Resp: 23125
Ion Ratio Lower Upper
184 100
185 17.5 10.7 16.1#
183 9.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 95.09 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.001 min
Lab File: BG049006.D
Acq: 16 Jun 2021 20:41

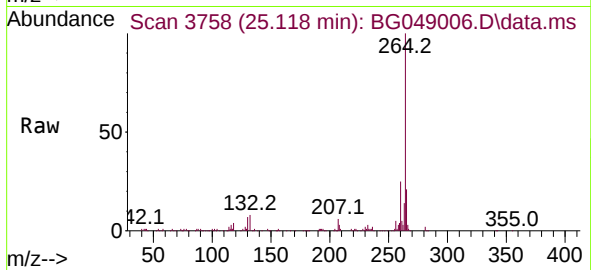
Tgt Ion:244 Resp: 1215696
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 6.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3758
 Delta R.T. -0.011 min
 Lab File: BG049006.D
 Acq: 16 Jun 2021 20:41

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(48-52)



Tgt Ion:264	Resp: 236418
Ion Ratio	Lower Upper
264	100
260	24.9 19.4 29.2
265	21.2 16.9 25.3

