

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058555.D
 Acq On : 1 Aug 2023 9:53
 Operator : MA/JU
 Sample : 03771-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMP

Quant Time: Aug 01 19:00:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

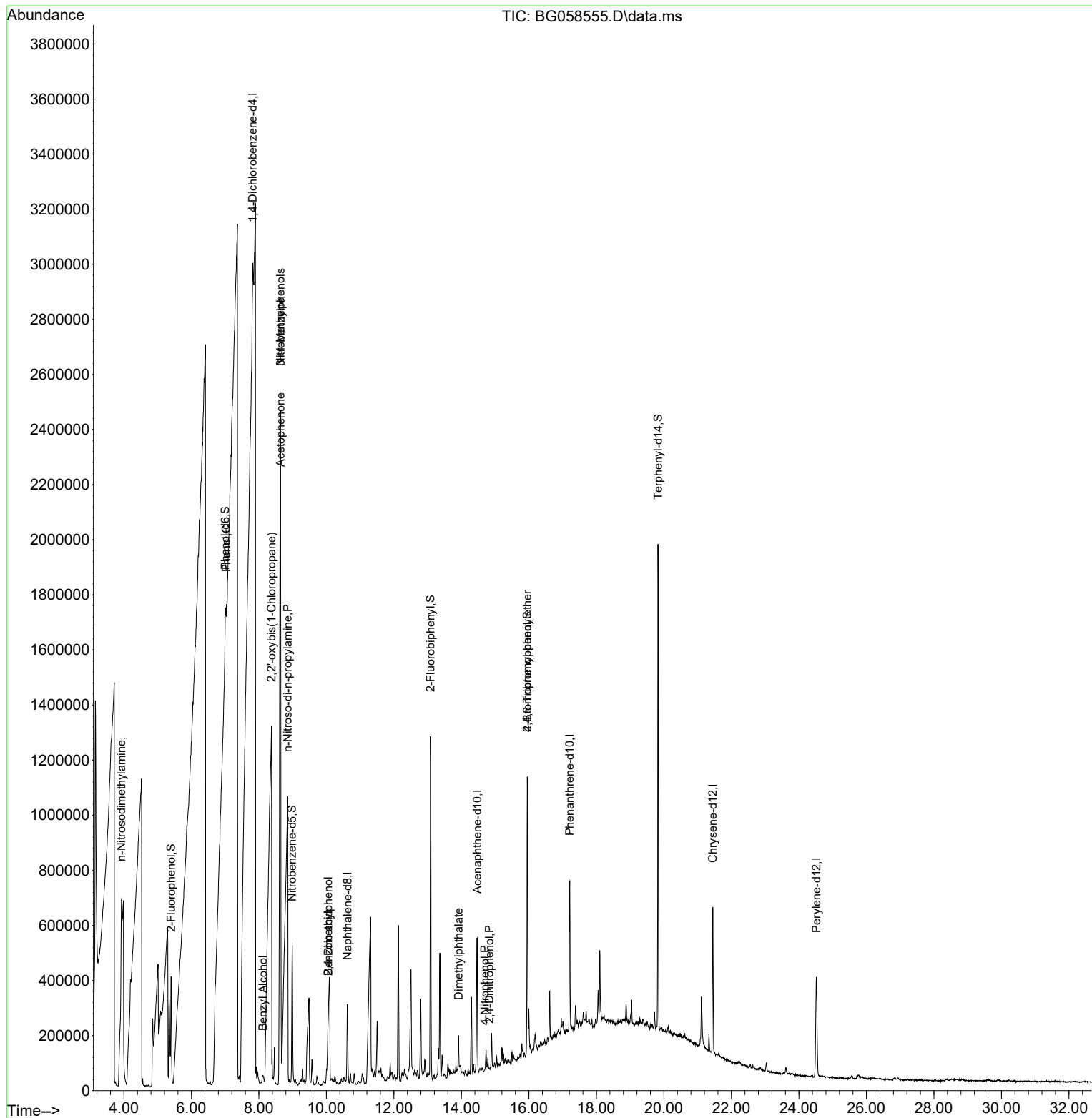
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	44945	20.000	ng	0.00
21) Naphthalene-d8	10.623	136	244981	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	160456	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	347588	20.000	ng	0.00
76) Chrysene-d12	21.445	240	308790	20.000	ng	0.00
86) Perylene-d12	24.518	264	391220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	148946	50.653	ng	0.01
7) Phenol-d6	7.003	99	111031	27.136	ng	0.02
23) Nitrobenzene-d5	8.983	82	306247	61.411	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	220602	83.879	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	680575	63.563	ng	0.00
79) Terphenyl-d14	19.824	244	916670	55.825	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.925	42	387771	235.584	ng	# 1
10) Phenol	7.033	94	16945	4.239	ng	80
15) Benzyl Alcohol	8.120	79	13382	5.157	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.372	45	296125	57.853	ng	74
19) n-Nitroso-di-n-propyla...	8.854	70	156459	59.199	ng	# 38
20) 3+4-Methylphenols	8.637	107	1567563	396.538	ng	94
22) Acetophenone	8.643	105	24649	3.758	ng	# 1
24) Nitrobenzene	8.637	77	486457	95.952	ng	# 45
27) 2,4-Dimethylphenol	10.053	122	45657	12.473	ng	# 3
32) Benzoic acid	10.053	122	45657	19.347	ng	98
50) Dimethylphthalate	13.919	163	34197	2.838	ng	98
54) 2,4-Dinitrophenol	14.830	184	119	7.557	ng	# 1
56) 4-Nitrophenol	14.694	139	323	3.483	ng	# 1
67) 4-Bromophenyl-phenylether	15.952	248	14014	3.555	ng	# 1

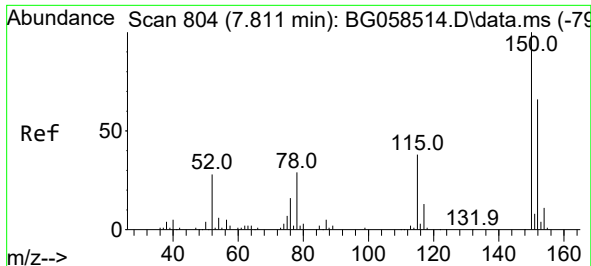
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
Data File : BG058555.D
Acq On : 1 Aug 2023 9:53
Operator : MA/JU
Sample : 03771-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

Quant Time: Aug 01 19:00:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

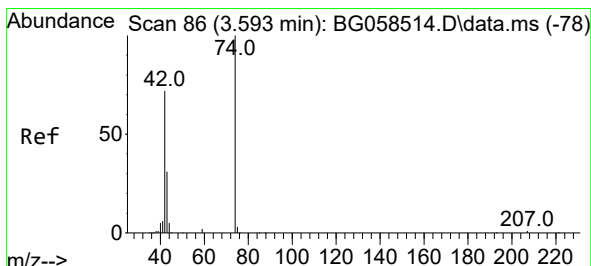
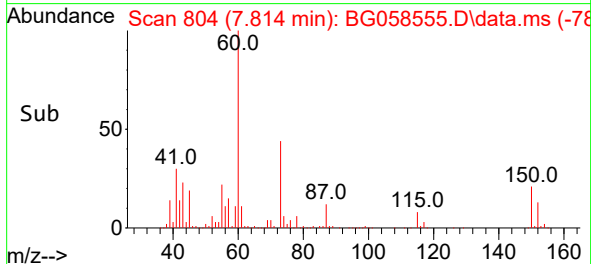
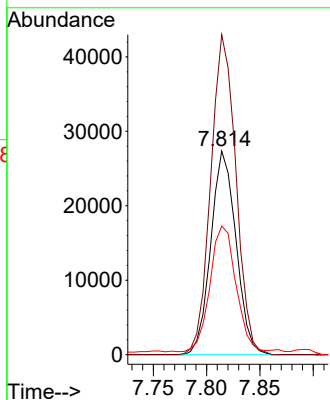
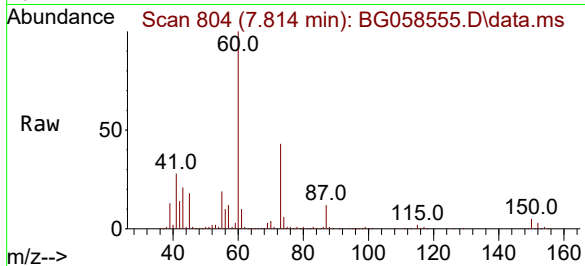




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

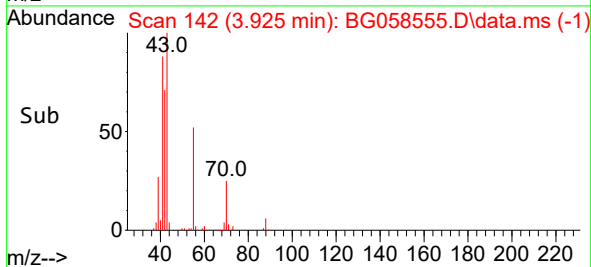
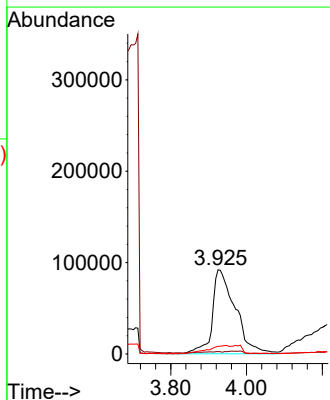
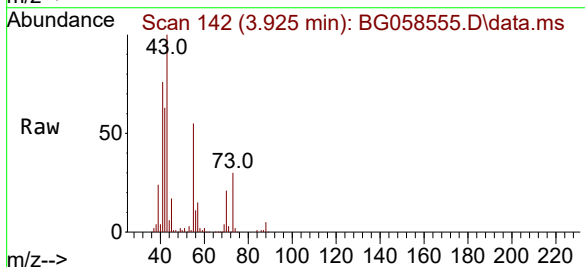
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

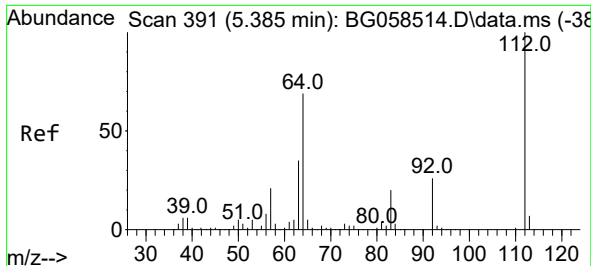
Tgt Ion:152 Resp: 44945
Ion Ratio Lower Upper
152 100
150 157.2 120.5 180.7
115 63.2 45.9 68.9



#4
n-Nitrosodimethylamine
Concen: 235.584 ng
RT: 3.925 min Scan# 142
Delta R.T. 0.332 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 42 Resp: 387771
Ion Ratio Lower Upper
42 100
74 2.9 111.5 167.3#
44 8.9 5.4 8.2#

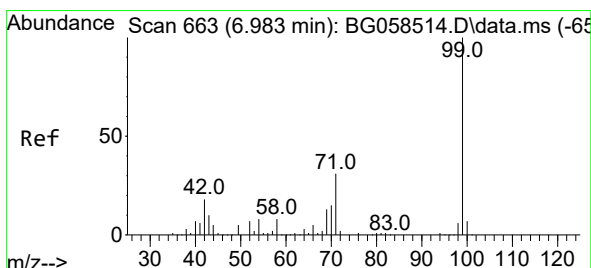
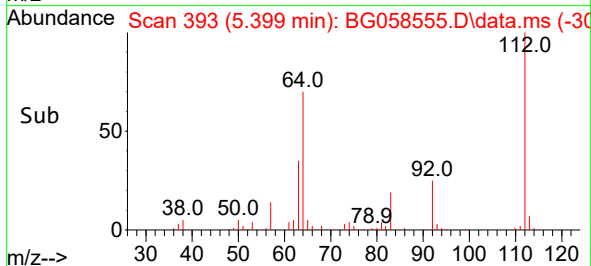
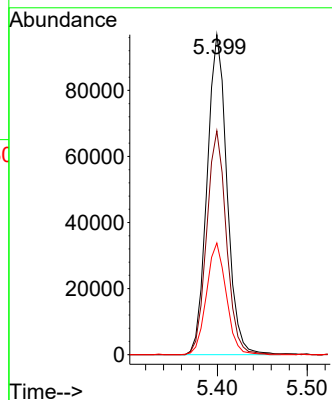
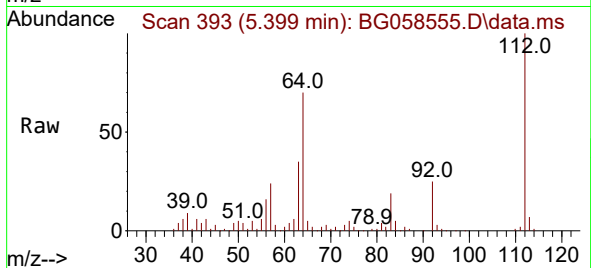




#5
2-Fluorophenol
Concen: 50.653 ng
RT: 5.399 min Scan# 391
Delta R.T. 0.015 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

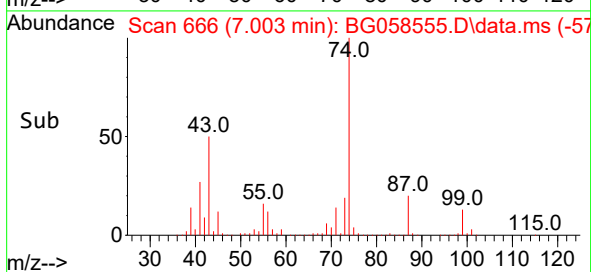
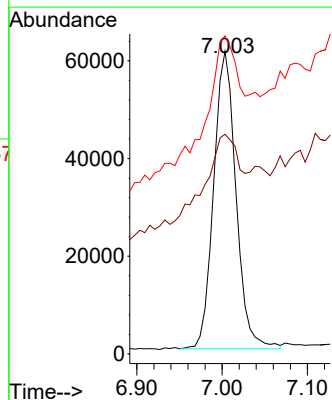
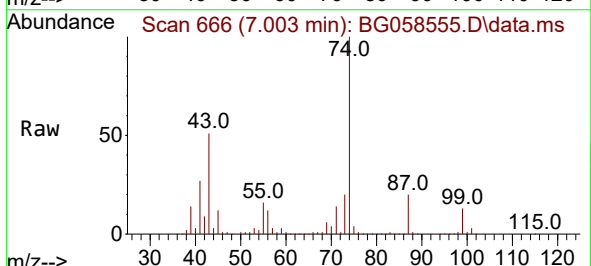
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

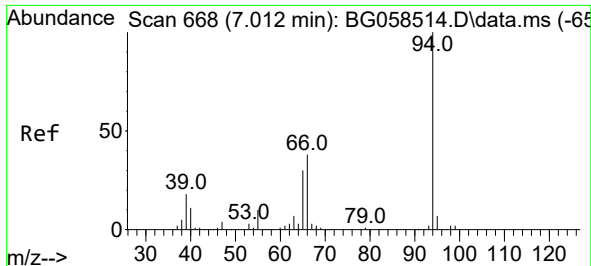
Tgt Ion:112 Resp: 148946
Ion Ratio Lower Upper
112 100
64 70.0 55.3 82.9
63 34.9 28.3 42.5



#7
Phenol-d6
Concen: 27.136 ng
RT: 7.003 min Scan# 666
Delta R.T. 0.021 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 99 Resp: 111031
Ion Ratio Lower Upper
99 100
42 72.6 14.6 21.8#
71 105.1 25.0 37.4#

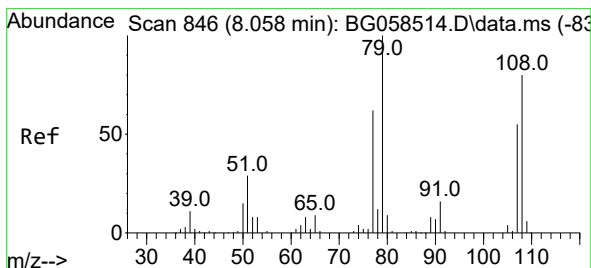
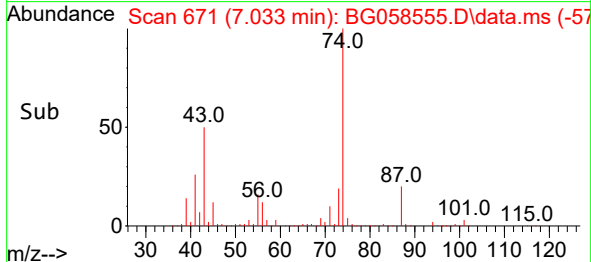
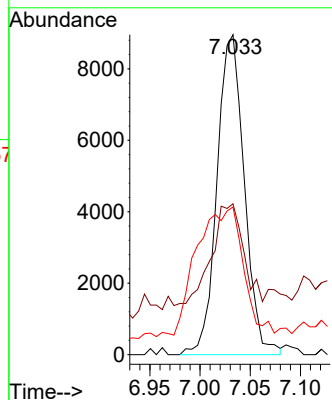
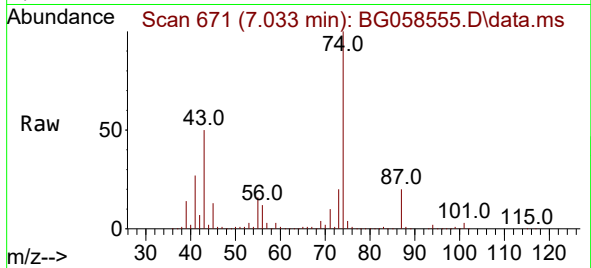




#10
Phenol
Concen: 4.239 ng
RT: 7.033 min Scan# 61
Delta R.T. 0.021 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

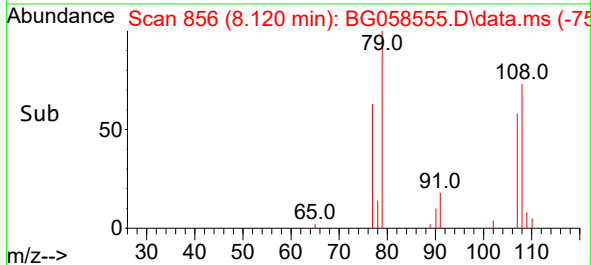
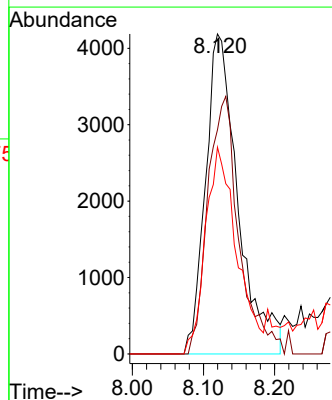
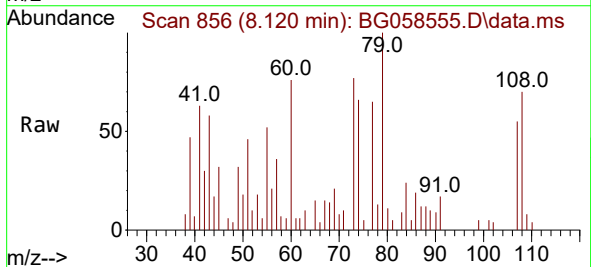
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

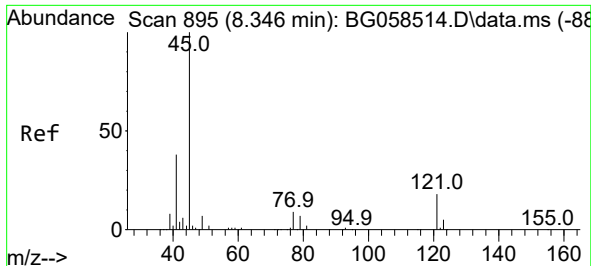
Tgt Ion: 94 Resp: 16945
Ion Ratio Lower Upper
94 100
65 47.1 10.4 50.4
66 46.2 18.7 58.7



#15
Benzyl Alcohol
Concen: 5.157 ng
RT: 8.120 min Scan# 856
Delta R.T. 0.062 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 79 Resp: 13382
Ion Ratio Lower Upper
79 100
108 70.1 63.8 95.6
77 64.6 49.8 74.6

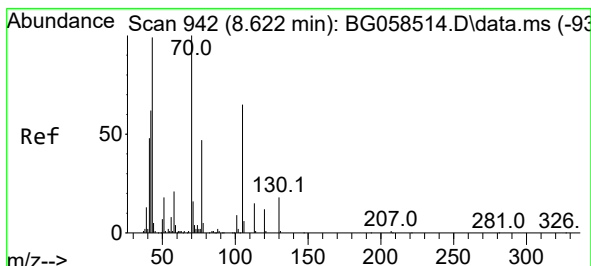
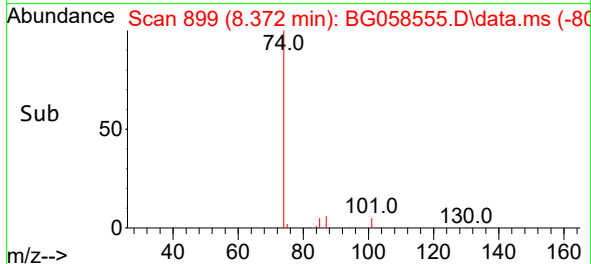
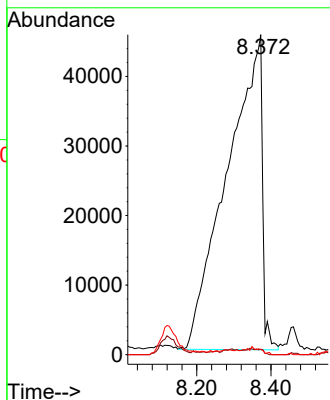
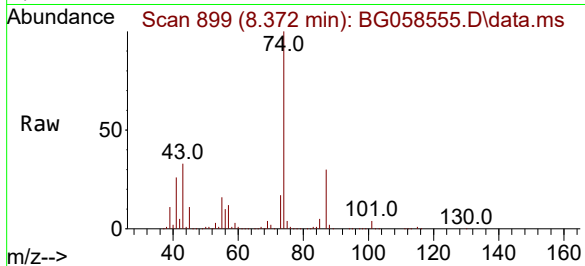




#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.853 ng
RT: 8.372 min Scan# 895
Delta R.T. 0.027 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

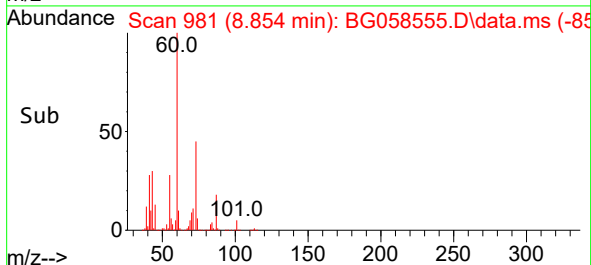
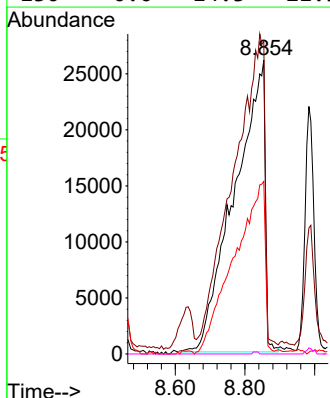
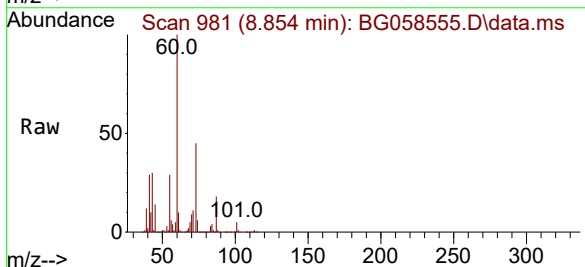
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

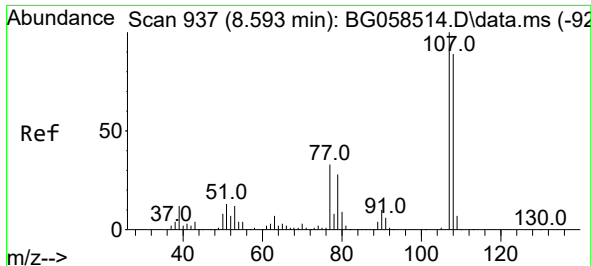
Tgt Ion: 45 Resp: 296125
Ion Ratio Lower Upper
45 100
77 1.7 0.0 32.6
79 1.6 0.0 30.2



#19
n-Nitroso-di-n-propylamine
Concen: 59.199 ng
RT: 8.854 min Scan# 981
Delta R.T. 0.232 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 70 Resp: 156459
Ion Ratio Lower Upper
70 100
42 106.4 49.7 74.5#
101 58.7 7.0 10.4#
130 0.0 14.3 21.5#



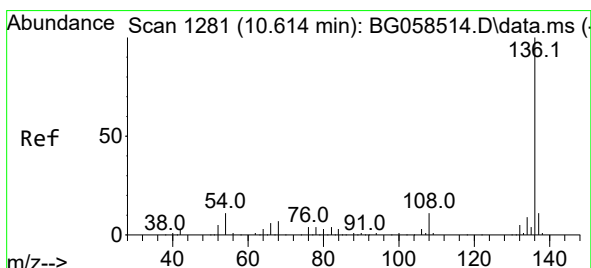
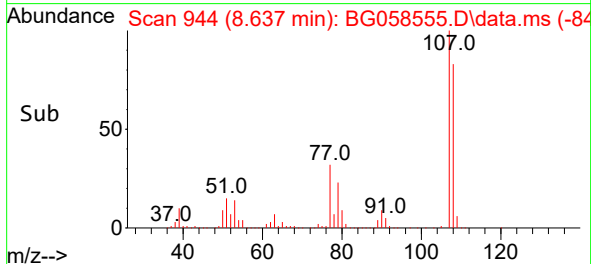
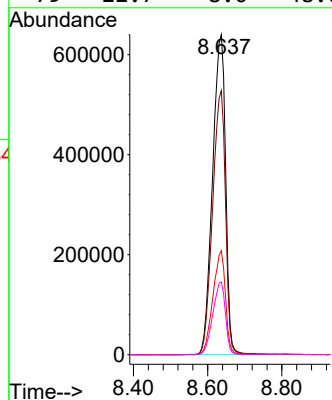
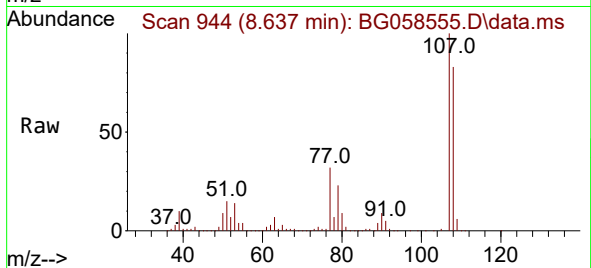


#20
3+4-Methylphenols
Concen: 396.538 ng
RT: 8.637 min Scan# 94
Delta R.T. 0.044 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

Tgt Ion:107 Resp: 1567563

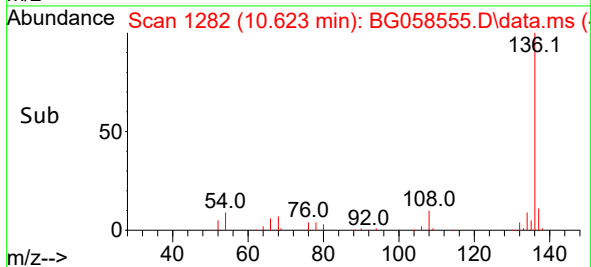
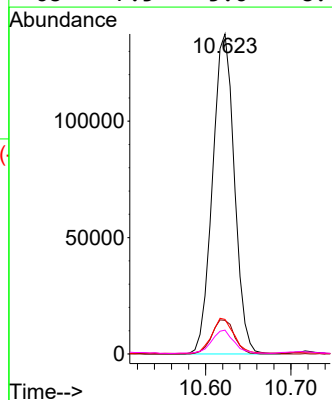
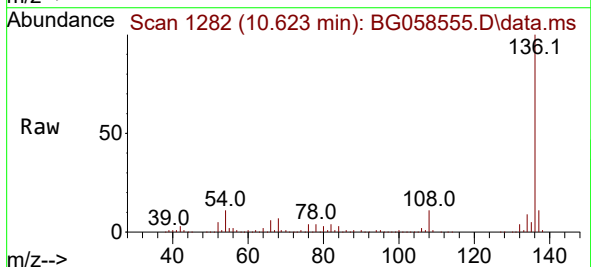
Ion	Ratio	Lower	Upper
107	100		
108	82.5	69.4	109.4
77	32.5	13.0	53.0
79	22.7	8.0	48.0

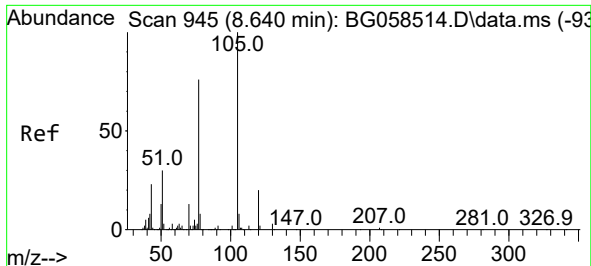


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1282
Delta R.T. 0.009 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:136 Resp: 244981

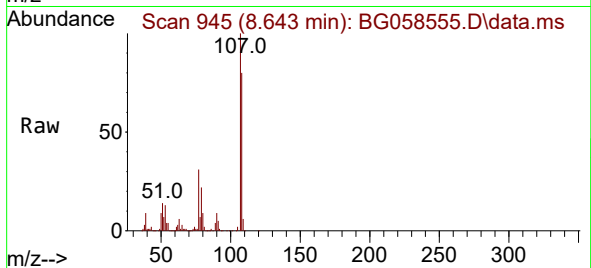
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.8	8.9	13.3
68	7.5	5.6	8.4



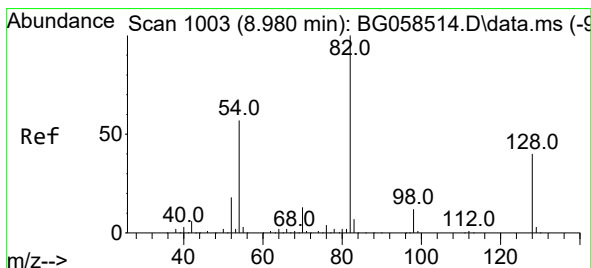
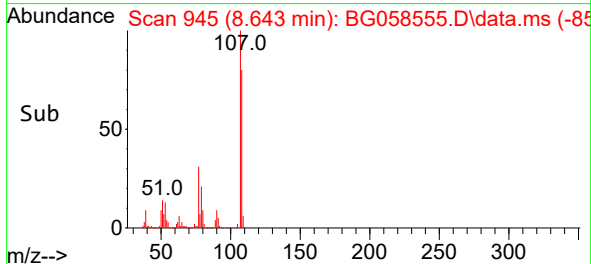
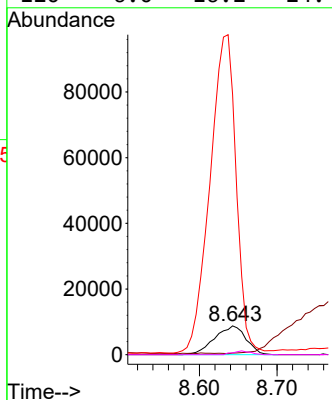


#22
Acetophenone
Concen: 3.758 ng
RT: 8.643 min Scan# 945
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

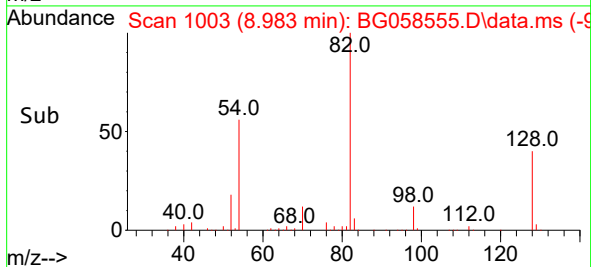
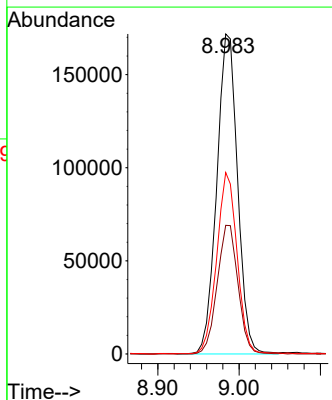
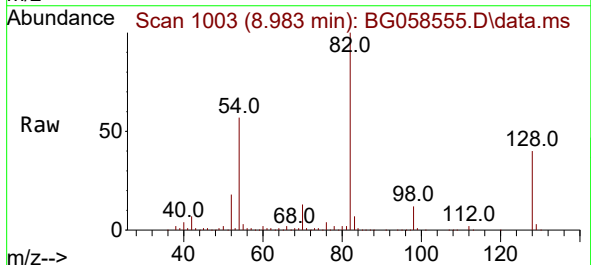


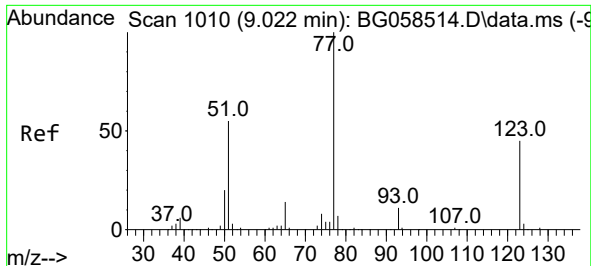
Tgt Ion: 105 Resp: 24649
Ion Ratio Lower Upper
105 100
71 5.5 1.8 2.6#
51 901.1 24.2 36.2#
120 6.0 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 61.411 ng
RT: 8.983 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 82 Resp: 306247
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 56.7 46.0 69.0

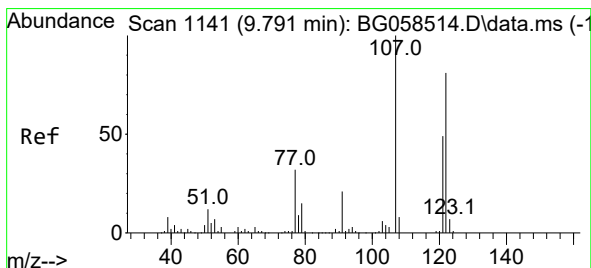
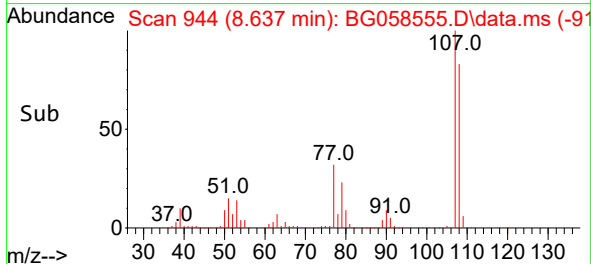
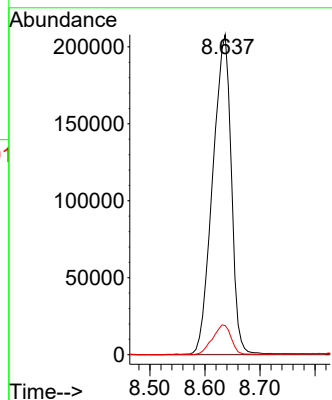
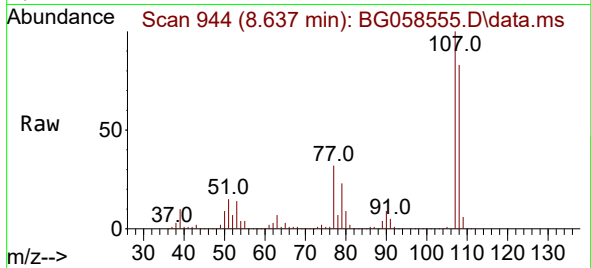




#24
Nitrobenzene
Concen: 95.952 ng
RT: 8.637 min Scan# 94
Delta R.T. -0.385 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

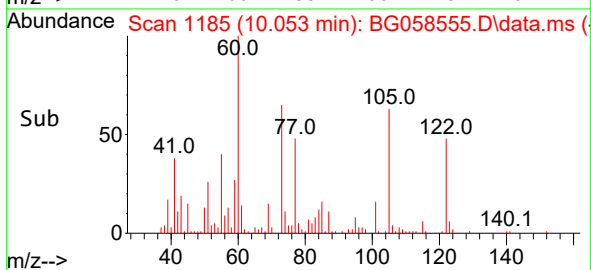
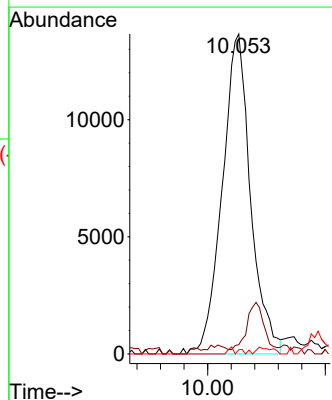
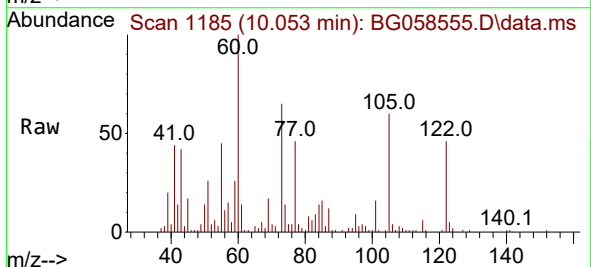
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

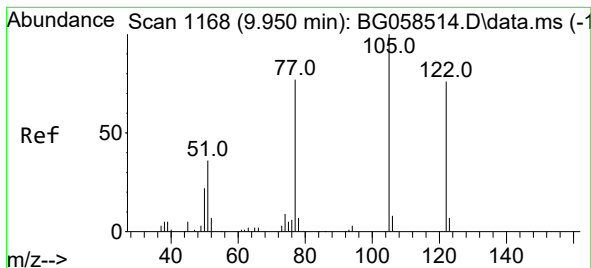
Tgt Ion: 77 Resp: 486457
Ion Ratio Lower Upper
77 100
123 0.0 35.6 53.4#
65 9.1 11.4 17.0#



#27
2,4-Dimethylphenol
Concen: 12.473 ng
RT: 10.053 min Scan# 1185
Delta R.T. 0.262 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:122 Resp: 45657
Ion Ratio Lower Upper
122 100
107 2.9 98.0 147.0#
121 1.3 47.8 71.6#





#32

Benzoic acid

Concen: 19.347 ng

RT: 10.053 min Scan# 1168

Delta R.T. 0.103 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMP

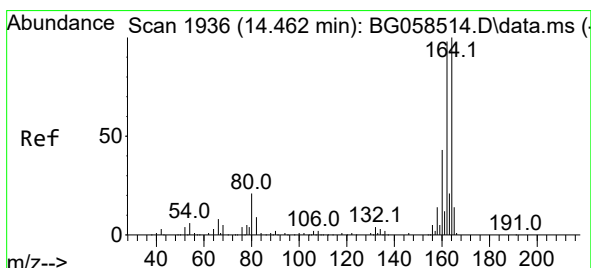
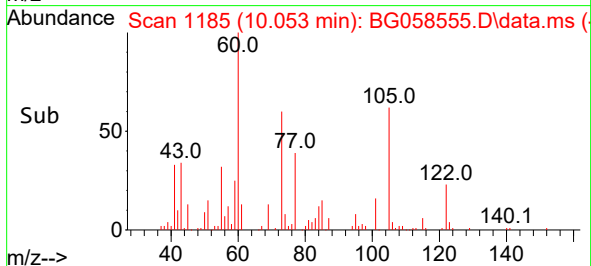
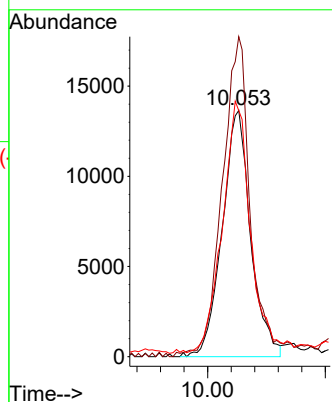
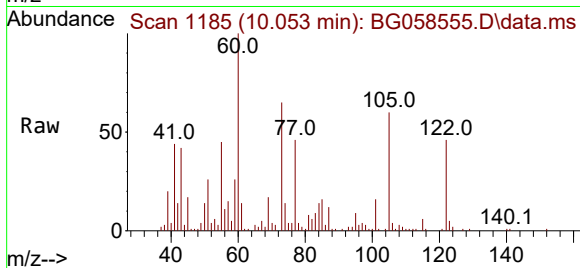
Tgt Ion:122 Resp: 45657

Ion Ratio Lower Upper

122 100

105 129.9 106.5 146.5

77 99.9 78.1 118.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.465 min Scan# 1936

Delta R.T. 0.003 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

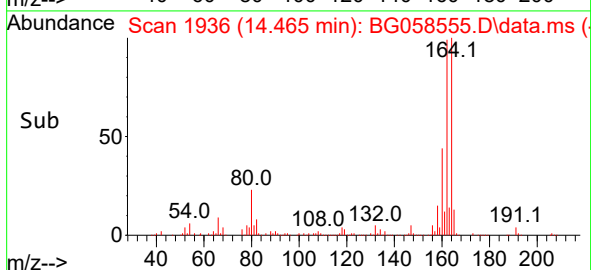
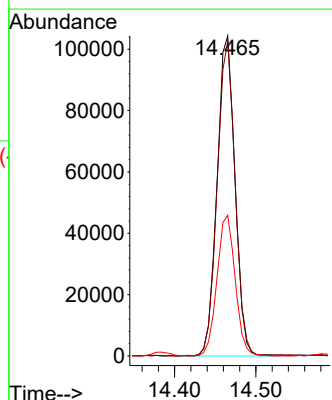
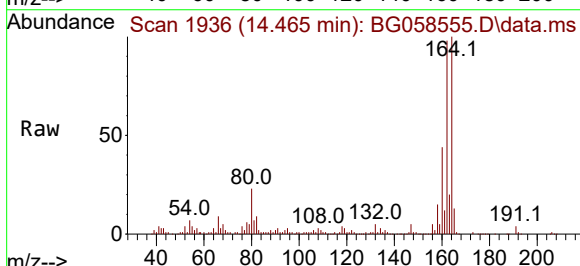
Tgt Ion:164 Resp: 160456

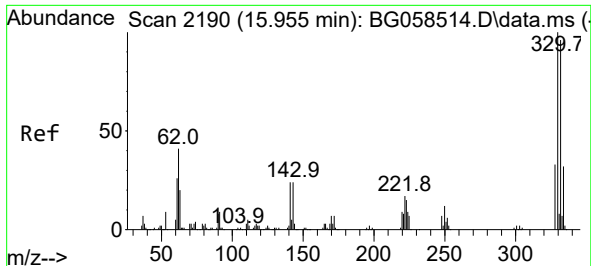
Ion Ratio Lower Upper

164 100

162 98.4 78.3 117.5

160 43.9 34.1 51.1

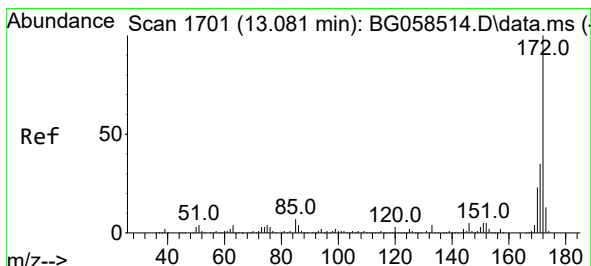
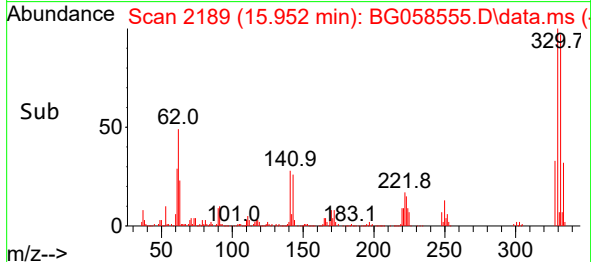
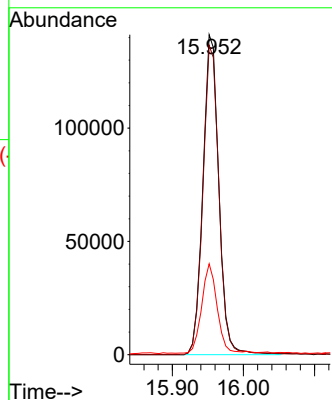
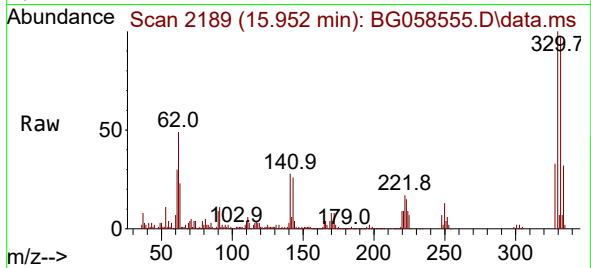




#42
2,4,6-Tribromophenol
Concen: 83.879 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

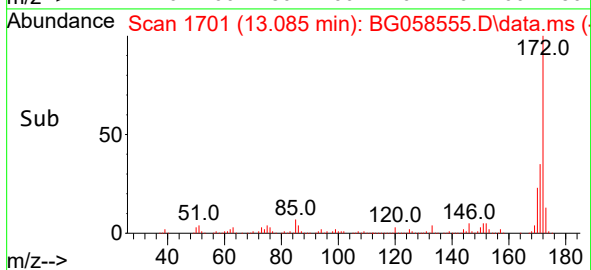
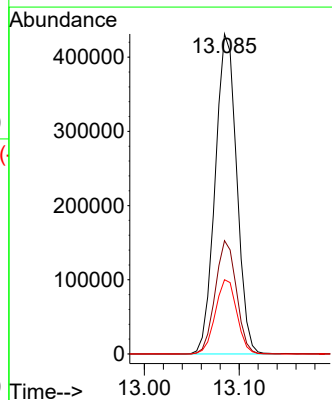
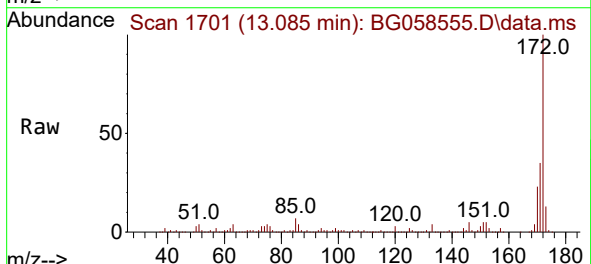
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

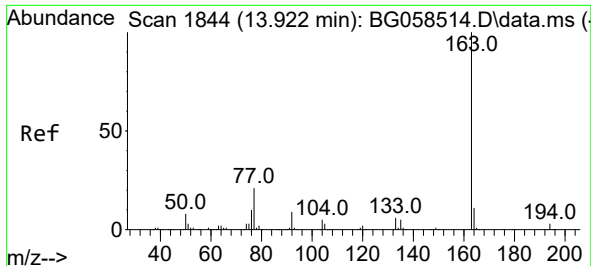
Tgt Ion:330 Resp: 220602
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 27.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 63.563 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:172 Resp: 680575
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.4 27.6

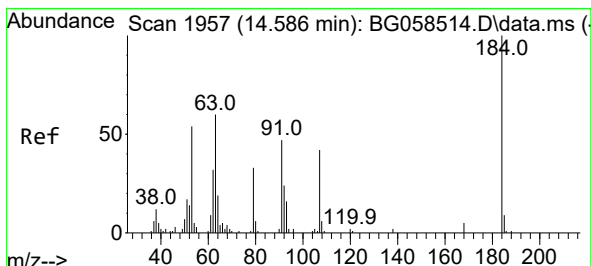
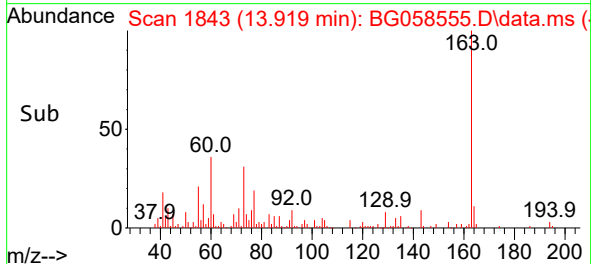
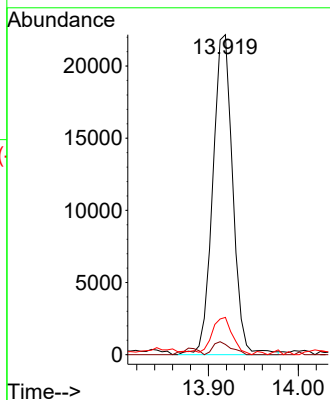
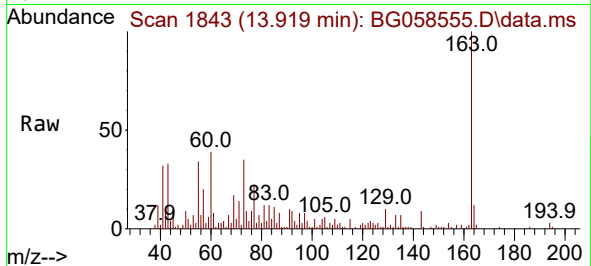




#50
Dimethylphthalate
Concen: 2.838 ng
RT: 13.919 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

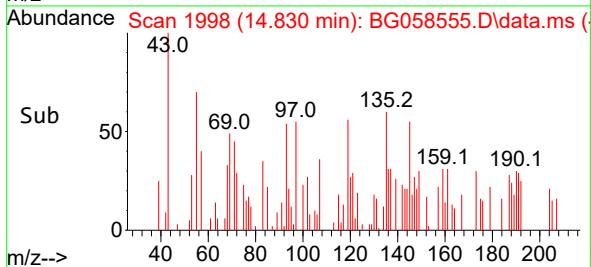
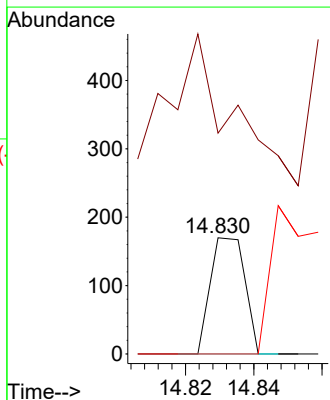
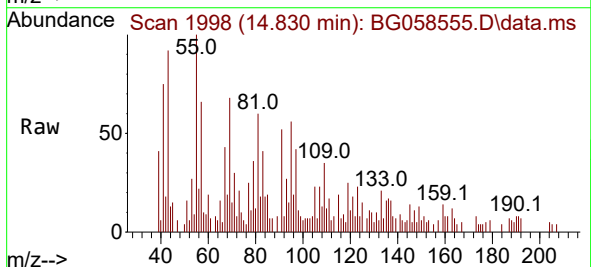
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

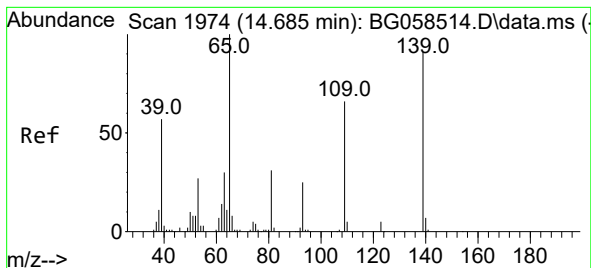
Tgt Ion:163 Resp: 34197
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.6 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 7.557 ng
RT: 14.830 min Scan# 1998
Delta R.T. 0.244 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 190.0 56.7 85.1#
154 0.0 46.1 69.1#

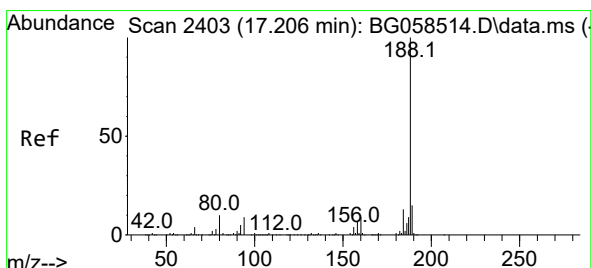
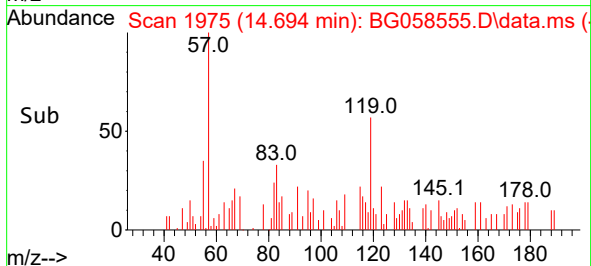
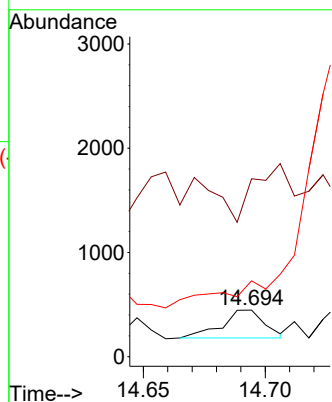
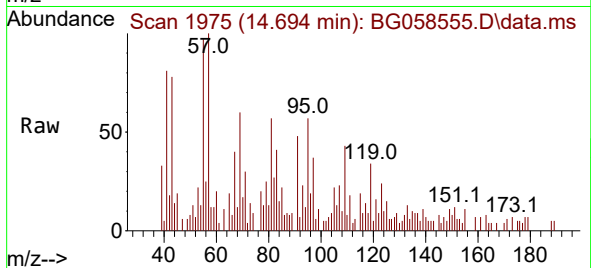




#56
4-Nitrophenol
Concen: 3.483 ng
RT: 14.694 min Scan# 1974
Delta R.T. 0.009 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

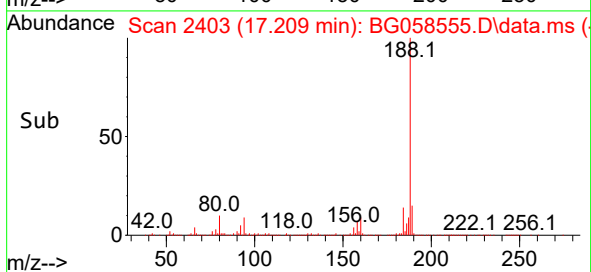
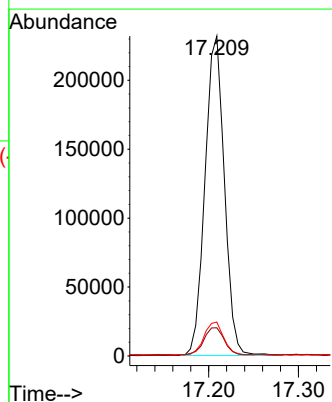
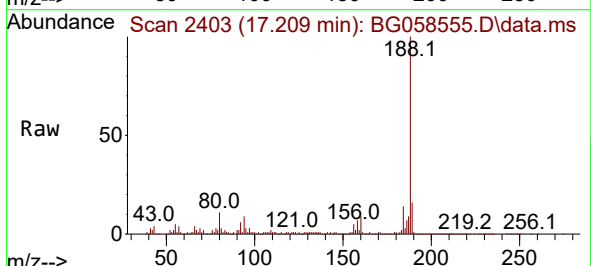
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

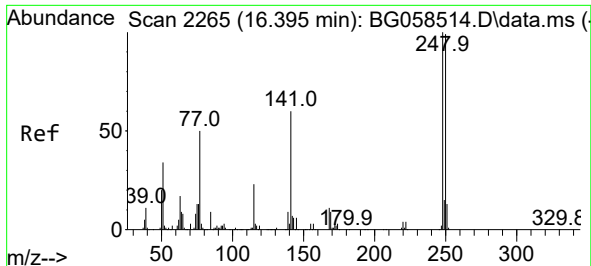
Tgt Ion:139 Resp: 323
Ion Ratio Lower Upper
139 100
109 381.9 52.5 92.5#
65 162.9 90.5 130.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:188 Resp: 347588
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.6 8.1 12.1

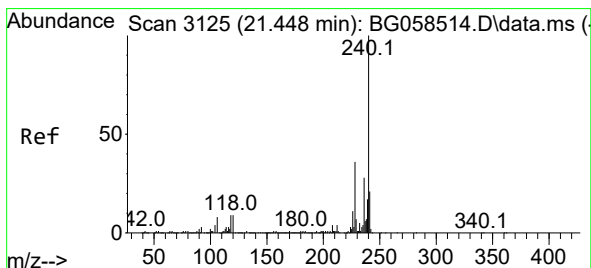
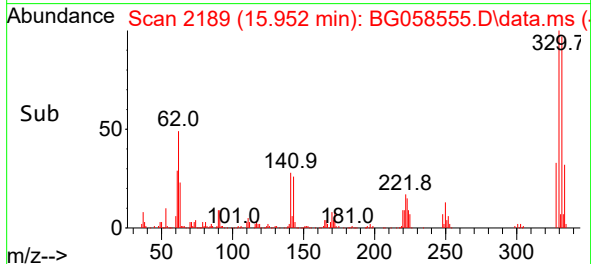
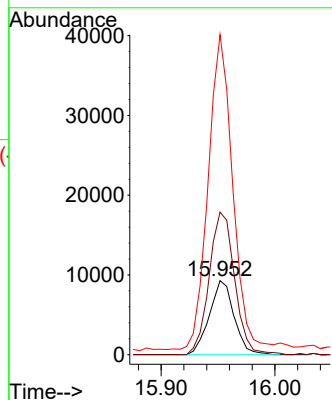
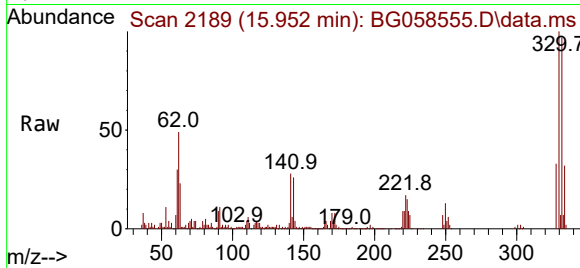




#67
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

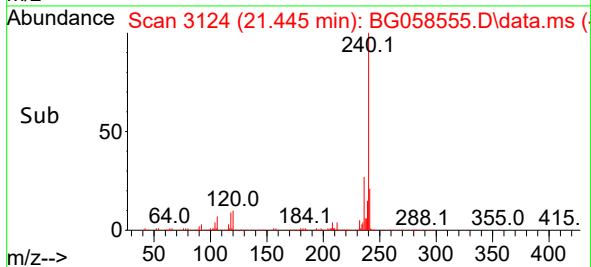
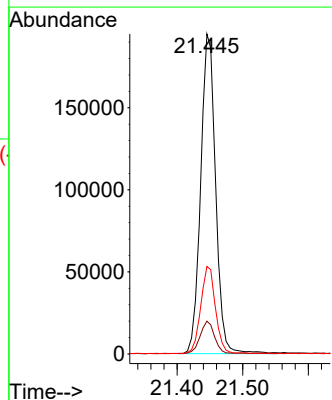
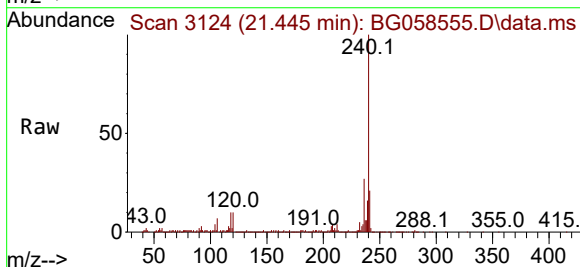
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

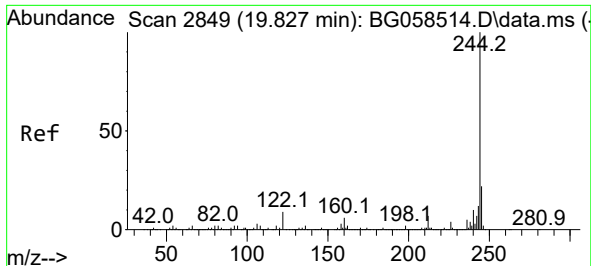
Tgt Ion:248 Resp: 14014
Ion Ratio Lower Upper
248 100
250 192.3 79.5 119.3#
141 431.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

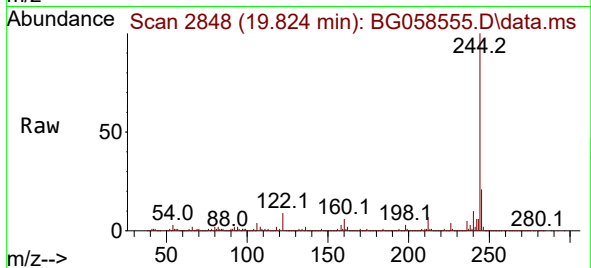
Tgt Ion:240 Resp: 308790
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 27.3 22.2 33.4



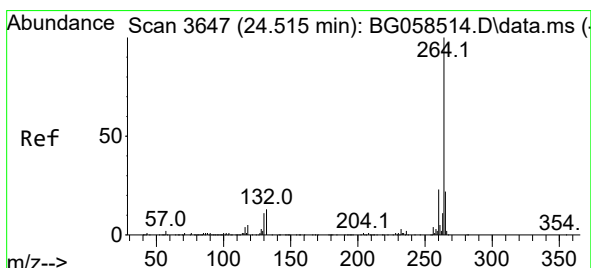
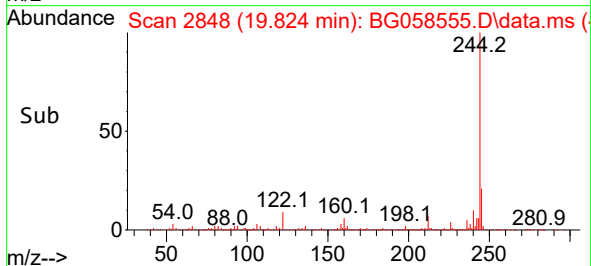
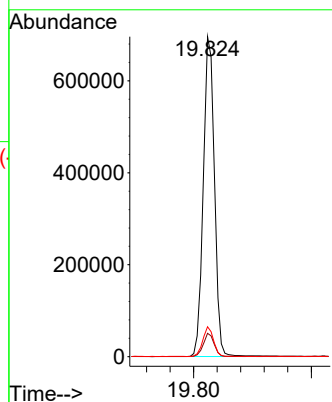


#79
 Terphenyl-d14
 Concen: 55.825 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058555.D
 Acq: 1 Aug 2023 9:53

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMP



Tgt Ion:244 Resp: 916670
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. 0.003 min
 Lab File: BG058555.D
 Acq: 1 Aug 2023 9:53

Tgt Ion:264 Resp: 391220
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 20.8 17.9 26.9

