

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062686.D
 Acq On : 6 Sep 2024 18:26
 Operator : MA/JU
 Sample : P3857-10
 Misc : 8270-WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2-COMP

Quant Time: Sep 06 23:41:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

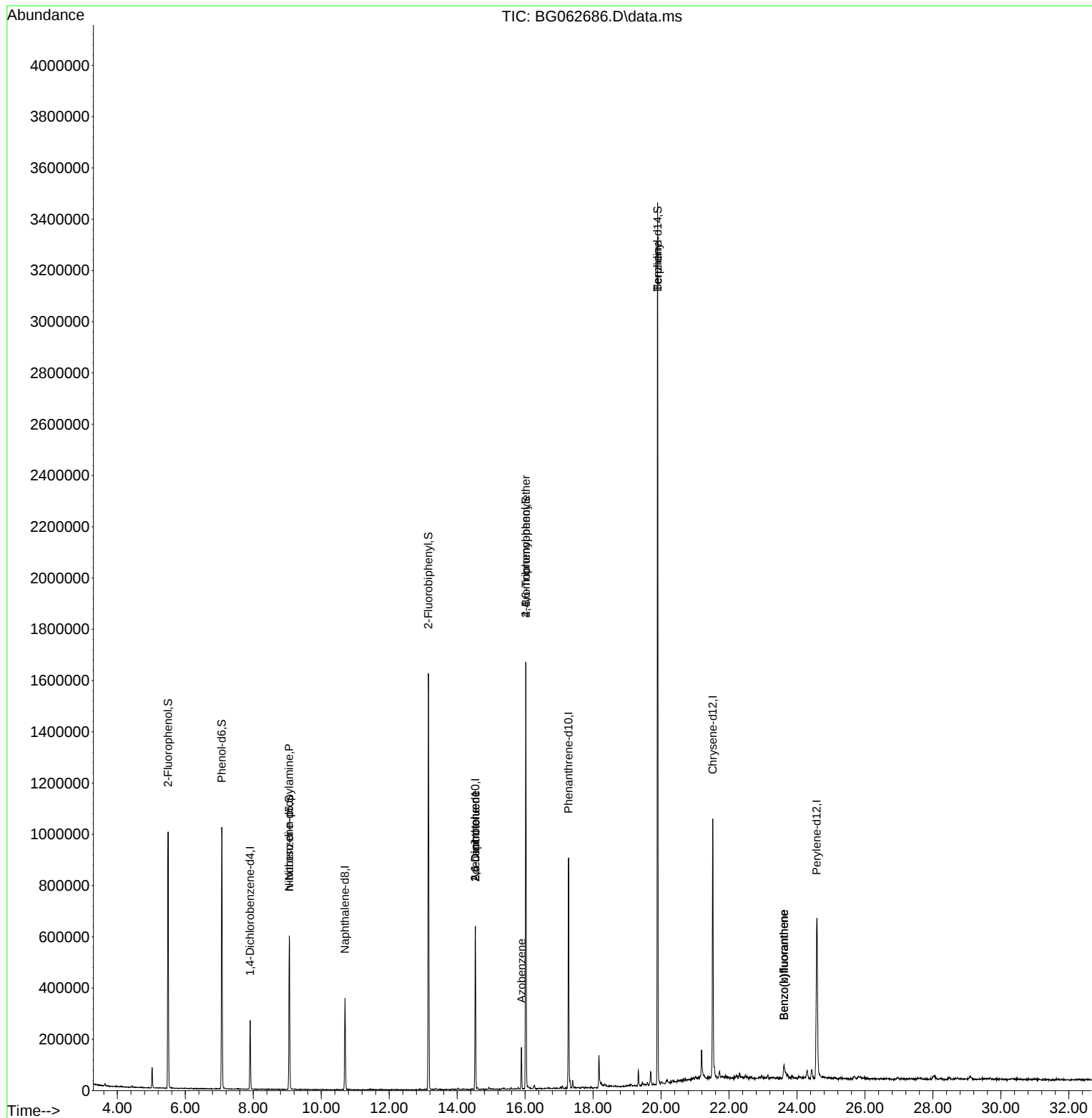
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	76913	20.000	ng	-0.01
21) Naphthalene-d8	10.697	136	301846	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	227103	20.000	ng	-0.01
64) Phenanthrene-d10	17.278	188	580298	20.000	ng	-0.01
76) Chrysene-d12	21.520	240	607766	20.000	ng	-0.01
86) Perylene-d12	24.581	264	701383	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	409965	92.135	ng	-0.01
7) Phenol-d6	7.072	99	571542	88.913	ng	-0.02
23) Nitrobenzene-d5	9.058	82	357811	63.842	ng	-0.02
42) 2,4,6-Tribromophenol	16.021	330	351246	109.900	ng	-0.01
45) 2-Fluorobiphenyl	13.153	172	871704	62.173	ng	-0.02
79) Terphenyl-d14	19.898	244	1781073	58.107	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.058	70	47671	9.412	ng	# 77
51) 2,6-Dinitrotoluene	14.534	165	29361	9.347	ng	# 22
57) 2,4-Dinitrotoluene	14.534	165	29361	6.851	ng	# 22
63) Azobenzene	15.891	77	45311	2.932	ng	# 1
67) 4-Bromophenyl-phenylether	16.021	248	22467	3.751	ng	# 1
77) Benzidine	19.898	184	25800	2.355	ng	# 91
88) Benzo(b)fluoranthene	23.618	252	83649	2.159	ng	96
89) Benzo(k)fluoranthene	23.618	252	83649	2.207	ng	95

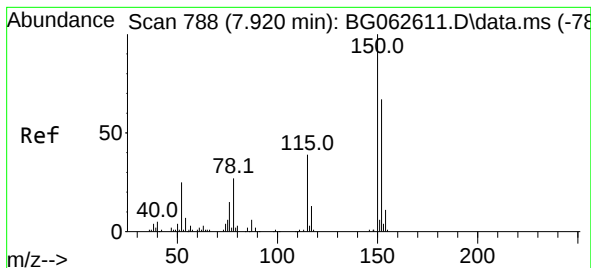
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
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Quant Time: Sep 06 23:41:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.907 min Scan# 71

Delta R.T. -0.013 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

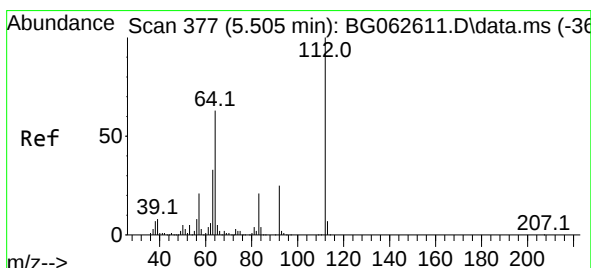
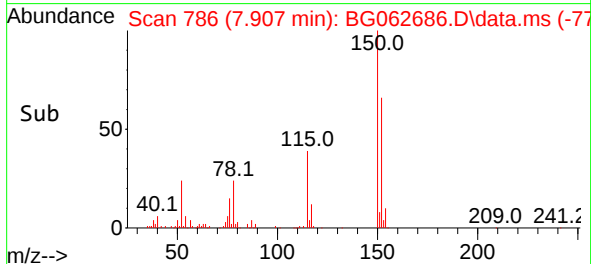
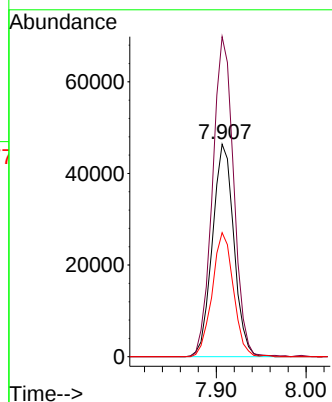
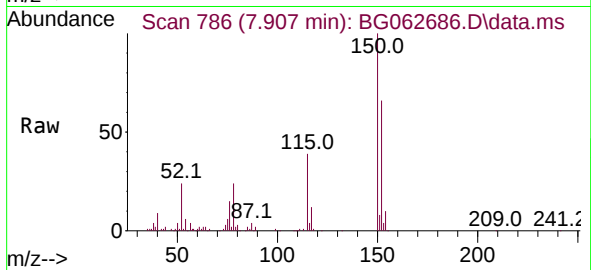
Tgt Ion:152 Resp: 76913

Ion Ratio Lower Upper

152 100

150 150.6 119.9 179.9

115 58.4 46.6 69.8



#5

2-Fluorophenol

Concen: 92.135 ng

RT: 5.492 min Scan# 375

Delta R.T. -0.014 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

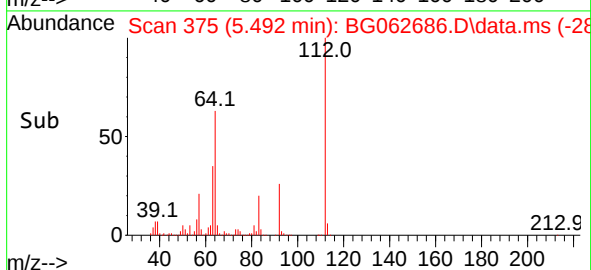
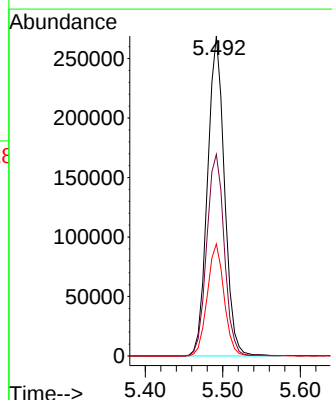
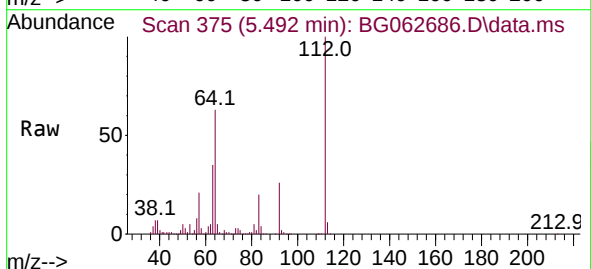
Tgt Ion:112 Resp: 409965

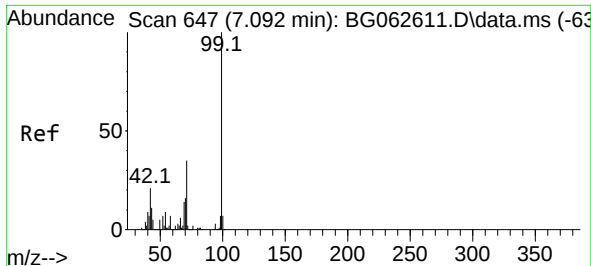
Ion Ratio Lower Upper

112 100

64 63.0 50.2 75.2

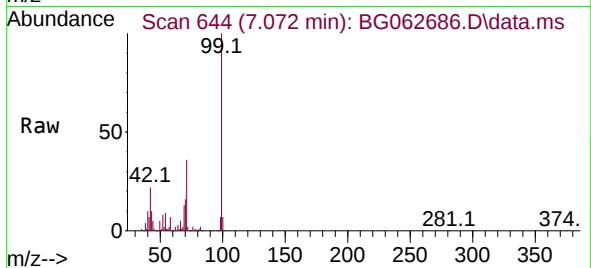
63 35.0 26.6 39.8



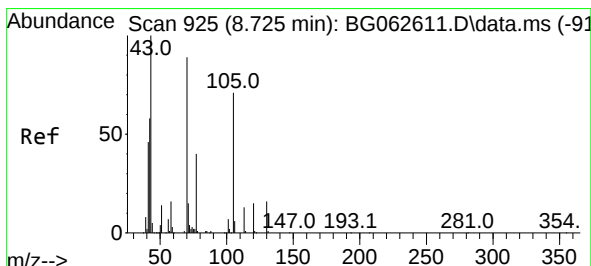
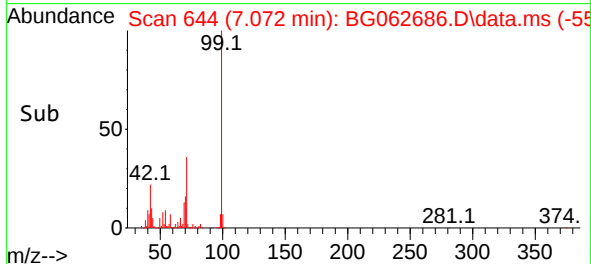
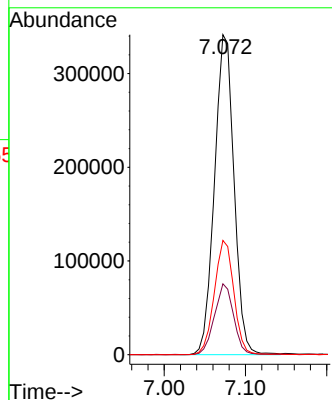


#7
Phenol-d6
Concen: 88.913 ng
RT: 7.072 min Scan# 64
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

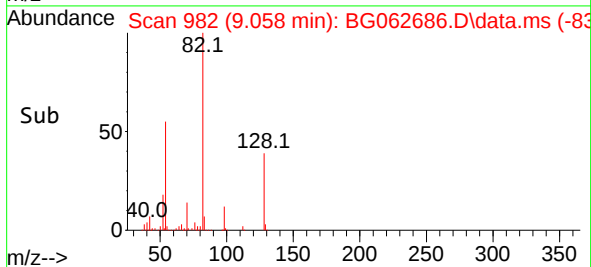
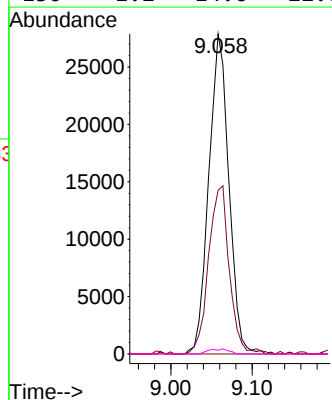
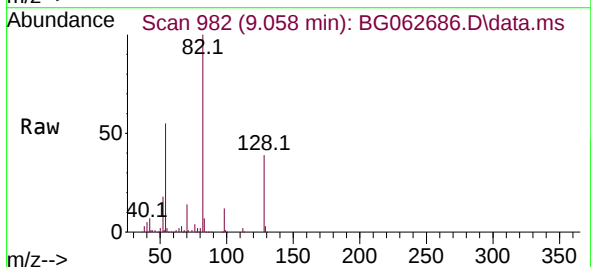


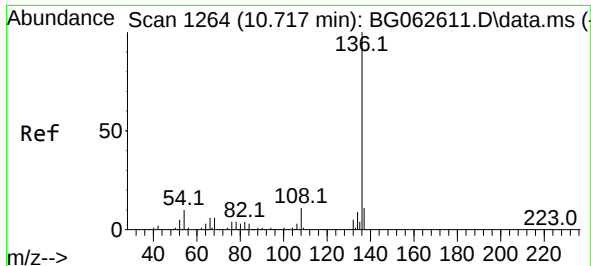
Tgt Ion: 99 Resp: 571542
Ion Ratio Lower Upper
99 100
42 22.2 16.9 25.3
71 35.7 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.412 ng
RT: 9.058 min Scan# 982
Delta R.T. 0.333 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Tgt Ion: 70 Resp: 47671
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 6.6 9.8#
130 1.2 14.6 22.0#

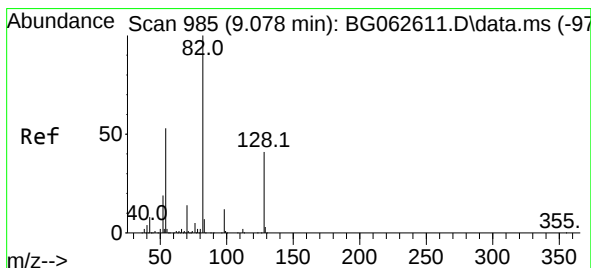
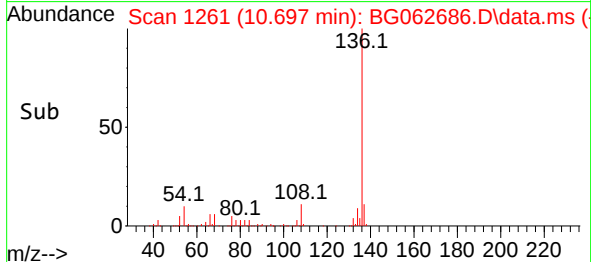
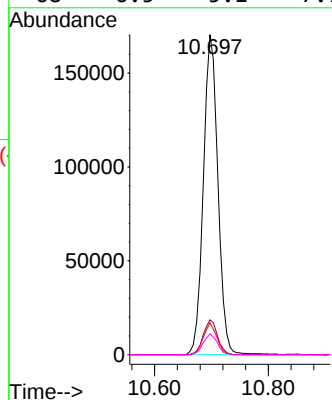
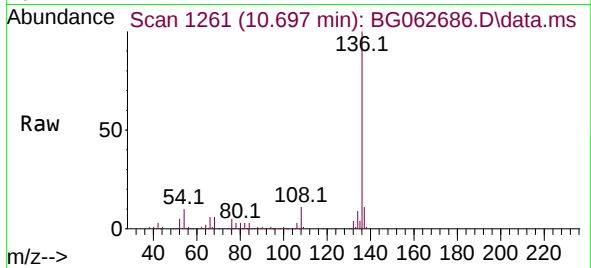




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.697 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

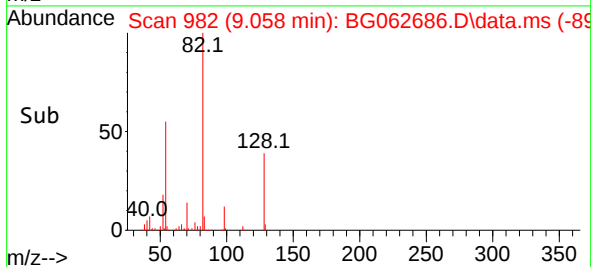
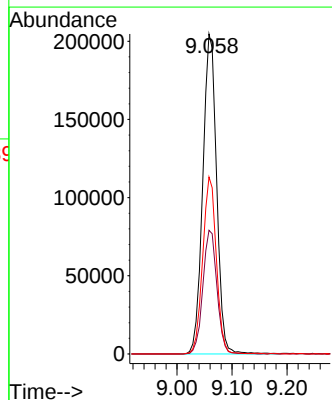
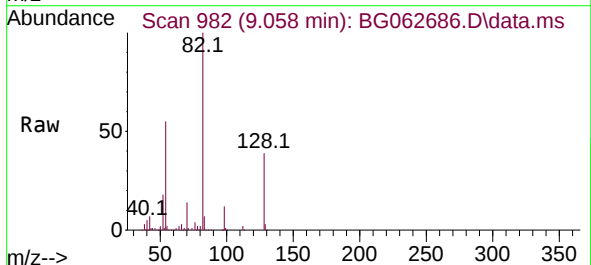
Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

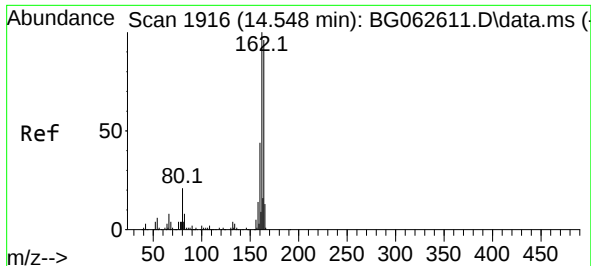
Tgt Ion:136 Resp: 301846
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.0 7.8 11.6
68 6.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 63.842 ng
RT: 9.058 min Scan# 982
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

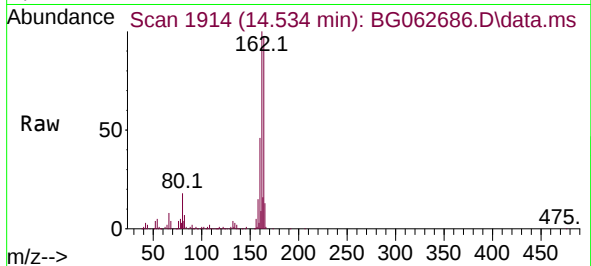
Tgt Ion: 82 Resp: 357811
Ion Ratio Lower Upper
82 100
128 38.6 32.5 48.7
54 55.3 42.5 63.7



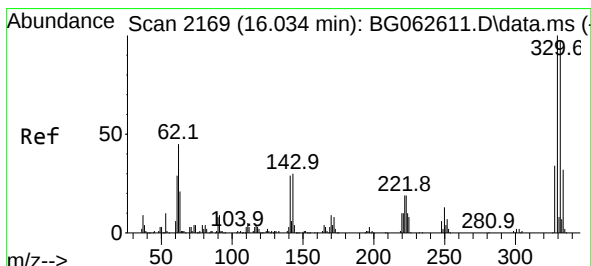
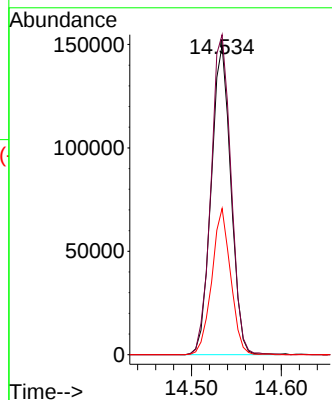
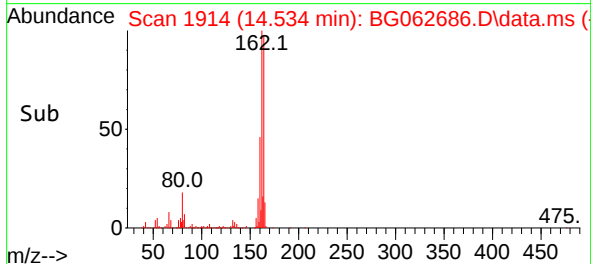


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1914
Delta R.T. -0.014 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

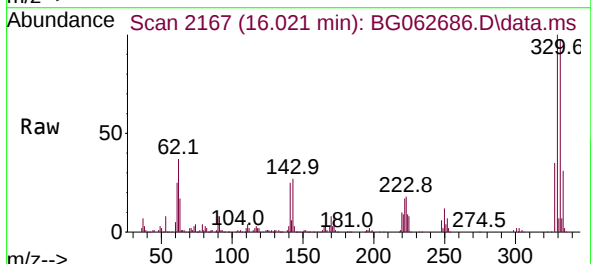
Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP



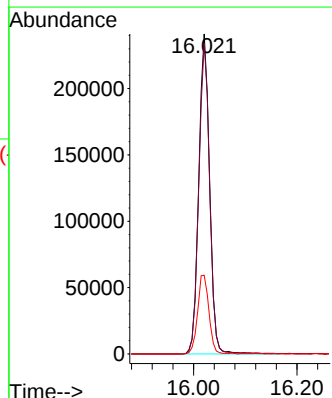
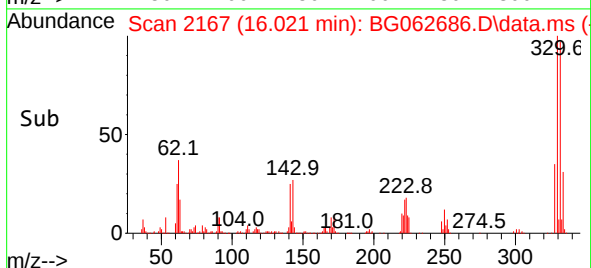
Tgt Ion:164 Resp: 227103
Ion Ratio Lower Upper
164 100
162 103.4 83.1 124.7
160 47.3 36.2 54.4

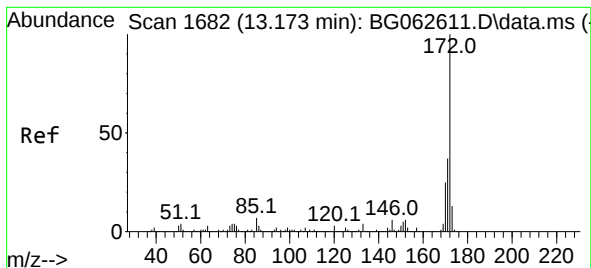


#42
2,4,6-Tribromophenol
Concen: 109.900 ng
RT: 16.021 min Scan# 2167
Delta R.T. -0.014 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26



Tgt Ion:330 Resp: 351246
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 25.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 62.173 ng

RT: 13.153 min Scan# 1

Delta R.T. -0.019 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

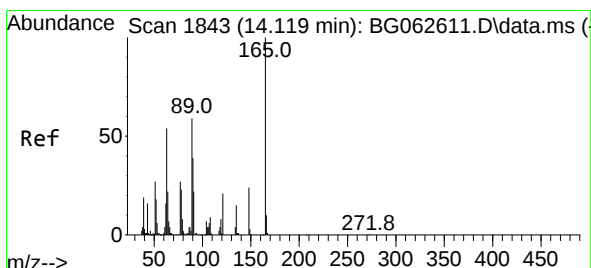
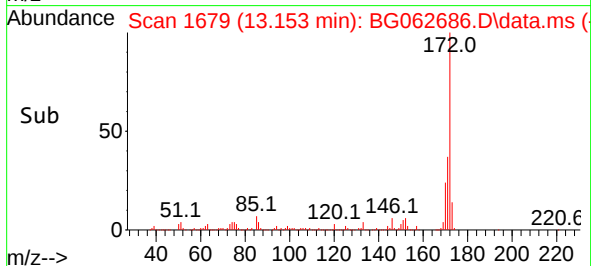
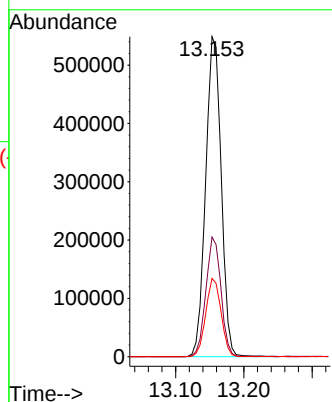
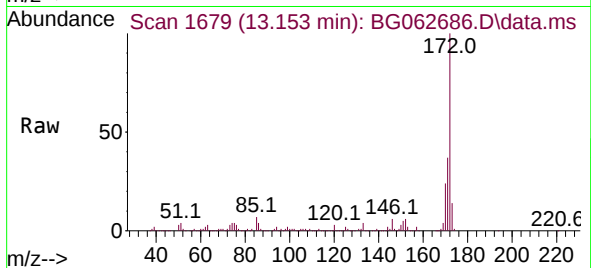
Tgt Ion:172 Resp: 871704

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 24.5 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.347 ng

RT: 14.534 min Scan# 1914

Delta R.T. 0.415 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

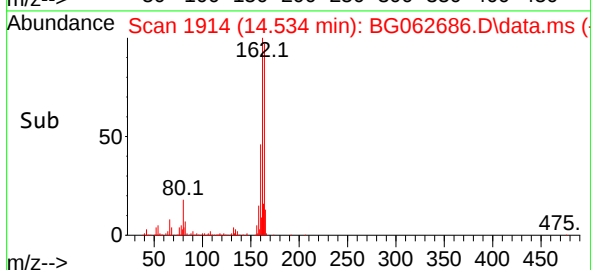
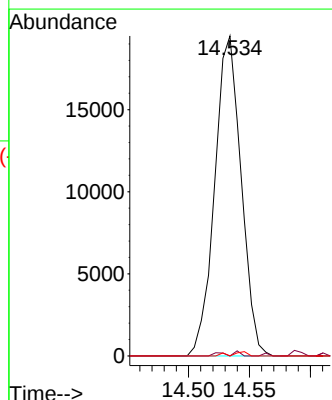
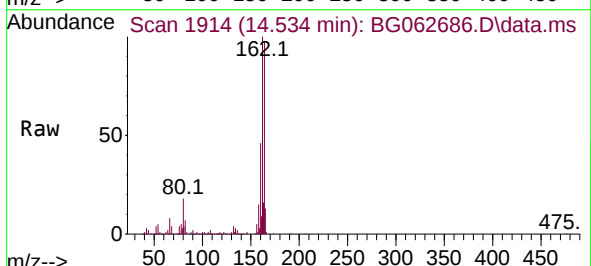
Tgt Ion:165 Resp: 29361

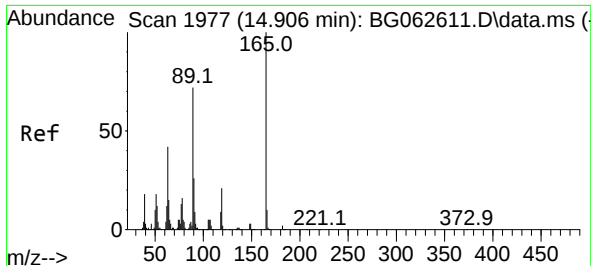
Ion Ratio Lower Upper

165 100

63 0.0 46.6 69.8#

89 0.0 47.2 70.8#

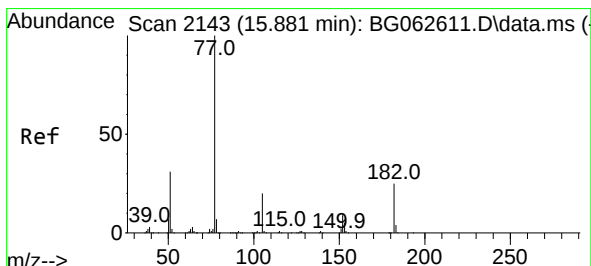
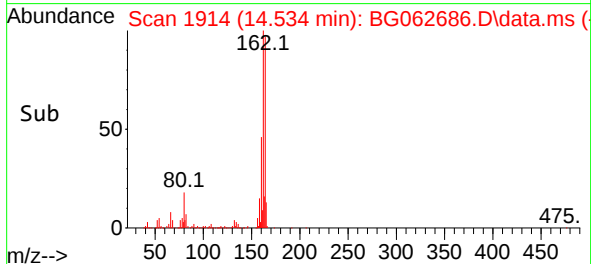
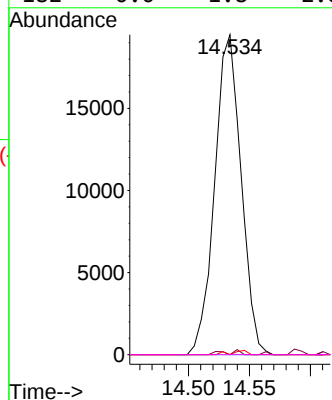
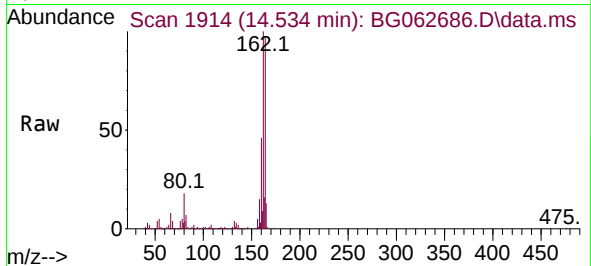




#57
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 14.534 min Scan# 1977
Delta R.T. -0.372 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

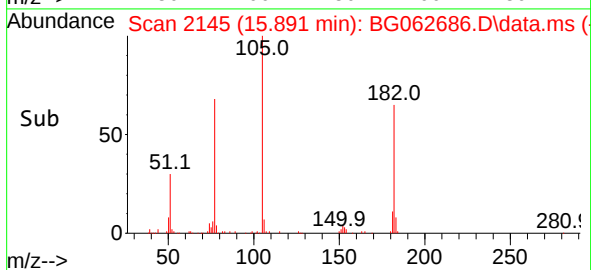
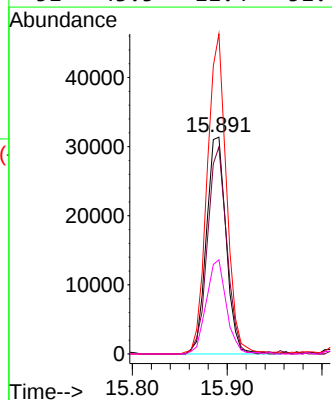
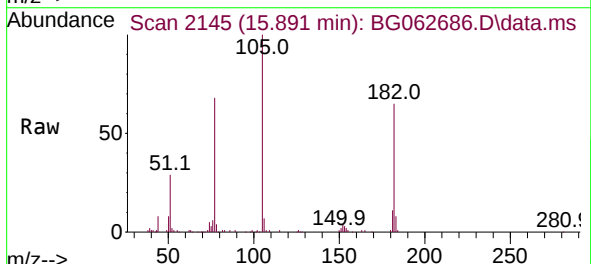
Instrument :
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WC-D2-COMP

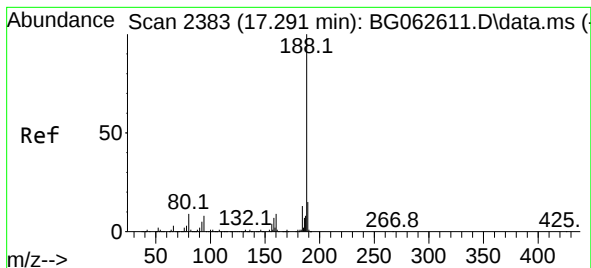
Tgt Ion:165 Resp: 29361
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 0.0 57.9 86.9#
182 0.0 1.8 2.8#



#63
Azobenzene
Concen: 2.932 ng
RT: 15.891 min Scan# 2145
Delta R.T. 0.010 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Tgt Ion: 77 Resp: 45311
Ion Ratio Lower Upper
77 100
182 95.5 5.0 45.0#
105 147.6 0.5 40.5#
51 43.5 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.278 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

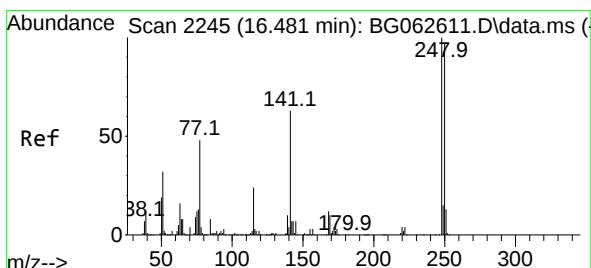
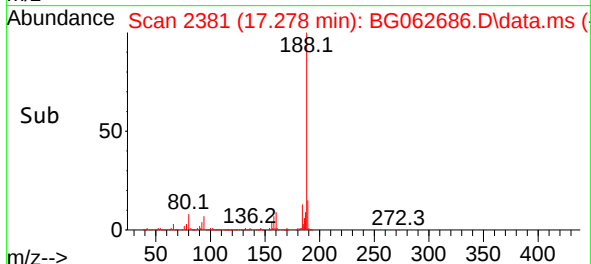
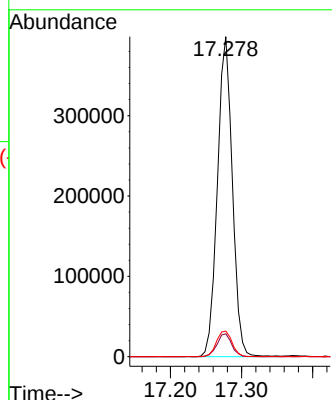
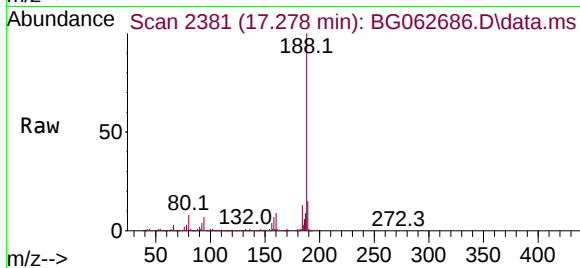
Tgt Ion:188 Resp: 580298

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 8.0 7.0 10.4



#67

4-Bromophenyl-phenylether

Concen: 3.751 ng

RT: 16.021 min Scan# 2167

Delta R.T. -0.460 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

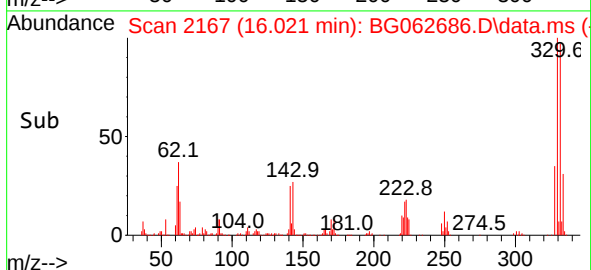
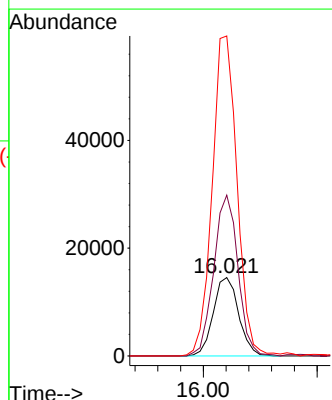
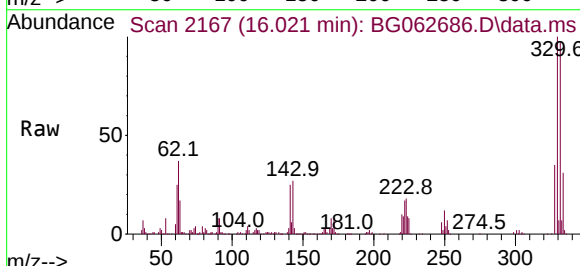
Tgt Ion:248 Resp: 22467

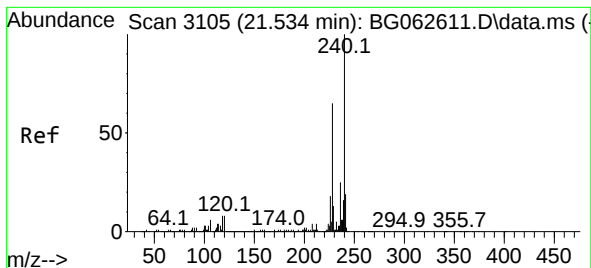
Ion Ratio Lower Upper

248 100

250 205.1 77.9 116.9#

141 408.0 50.2 75.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.520 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

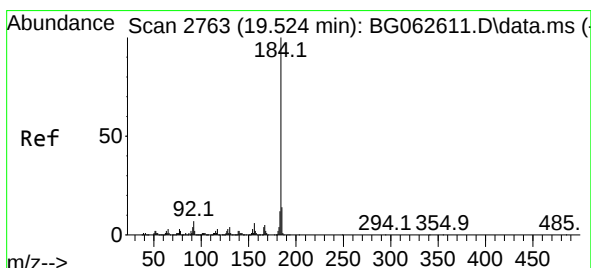
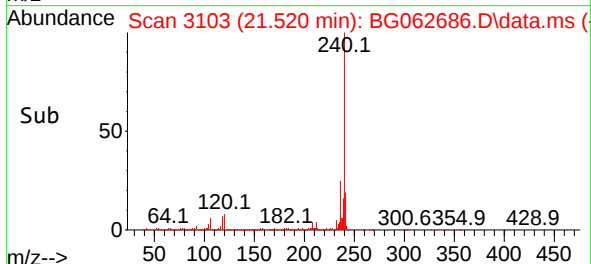
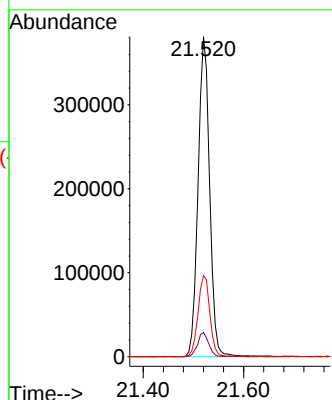
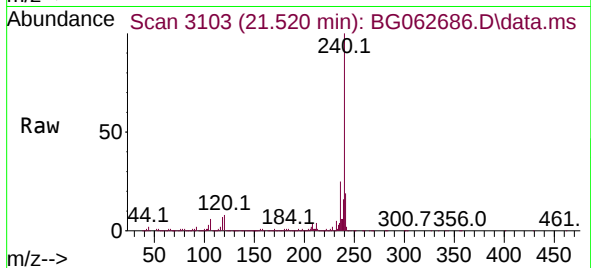
Tgt Ion:240 Resp: 607766

Ion Ratio Lower Upper

240 100

120 7.5 6.6 9.8

236 25.3 20.2 30.4



#77

Benzidine

Concen: 2.355 ng

RT: 19.898 min Scan# 2827

Delta R.T. 0.374 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

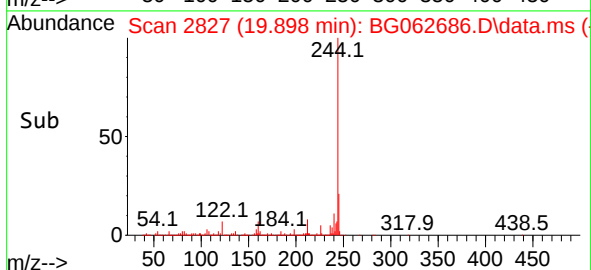
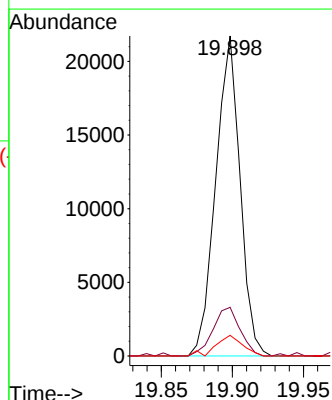
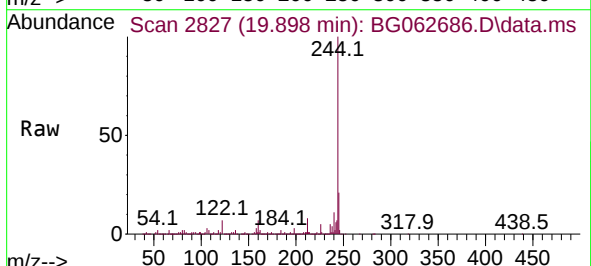
Tgt Ion:184 Resp: 25800

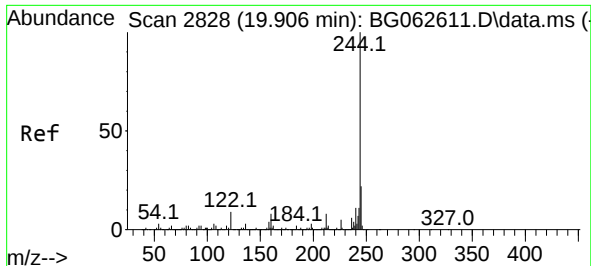
Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.6

183 6.5 9.7 14.5#

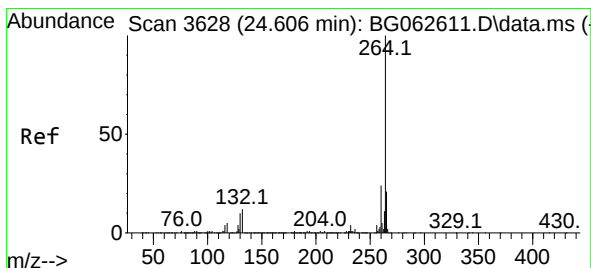
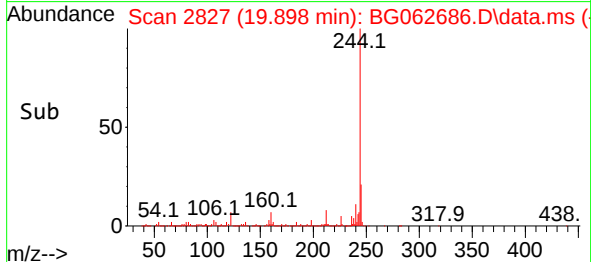
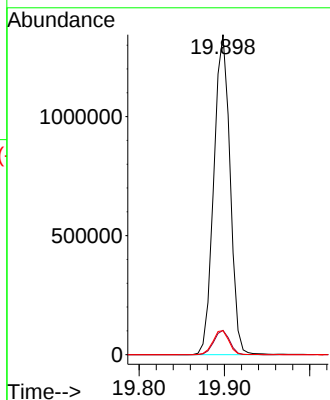
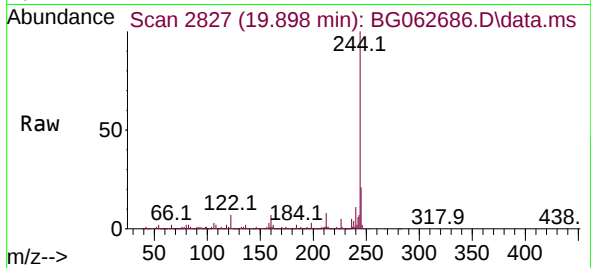




#79
 Terphenyl-d14
 Concen: 58.107 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG062686.D
 Acq: 6 Sep 2024 18:26

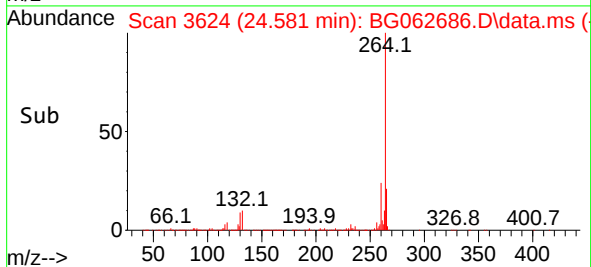
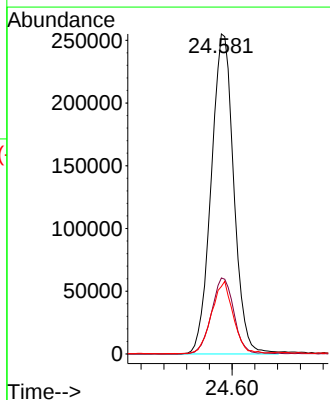
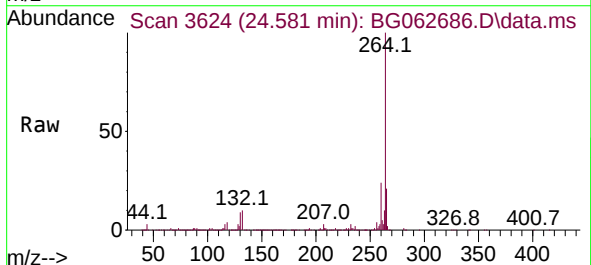
Instrument :
 BNA_G
 ClientSampleId :
 WC-D2-COMP

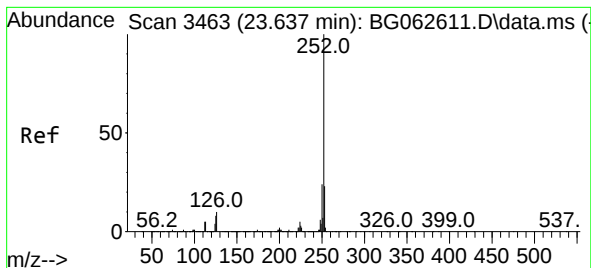
Tgt Ion:244 Resp: 1781073
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 7.5 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.581 min Scan# 3624
 Delta R.T. -0.025 min
 Lab File: BG062686.D
 Acq: 6 Sep 2024 18:26

Tgt Ion:264 Resp: 701383
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.1 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.159 ng

RT: 23.618 min Scan# 3460

Delta R.T. -0.019 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

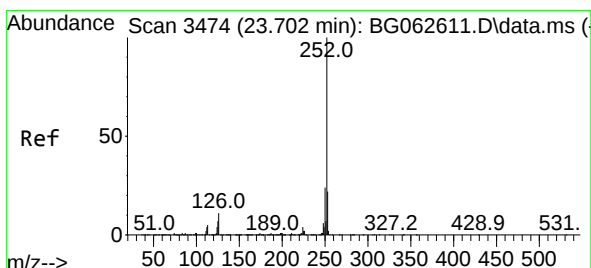
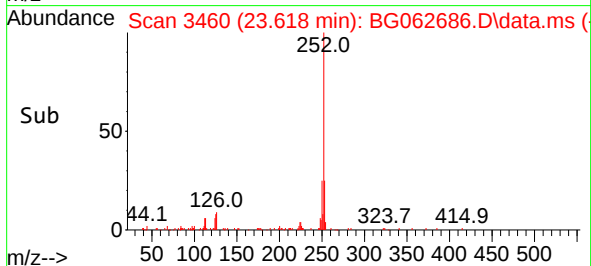
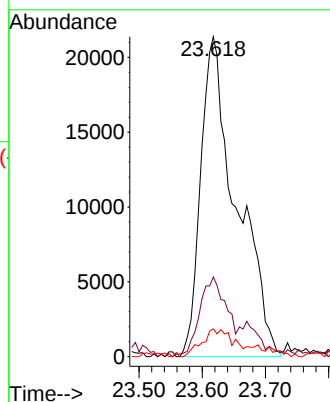
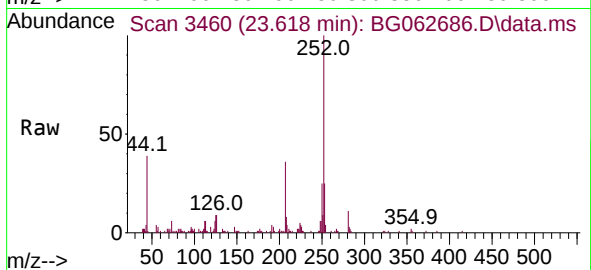
Tgt Ion:252 Resp: 83649

Ion Ratio Lower Upper

252 100

253 24.9 18.2 27.2

125 8.7 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 2.207 ng

RT: 23.618 min Scan# 3460

Delta R.T. -0.084 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Tgt Ion:252 Resp: 83649

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.8

125 8.7 6.1 9.1

