

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062685.D
 Acq On : 6 Sep 2024 17:45
 Operator : MA/JU
 Sample : P3857-07
 Misc : 8270-WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D1-COMP

Quant Time: Sep 06 18:22:24 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)

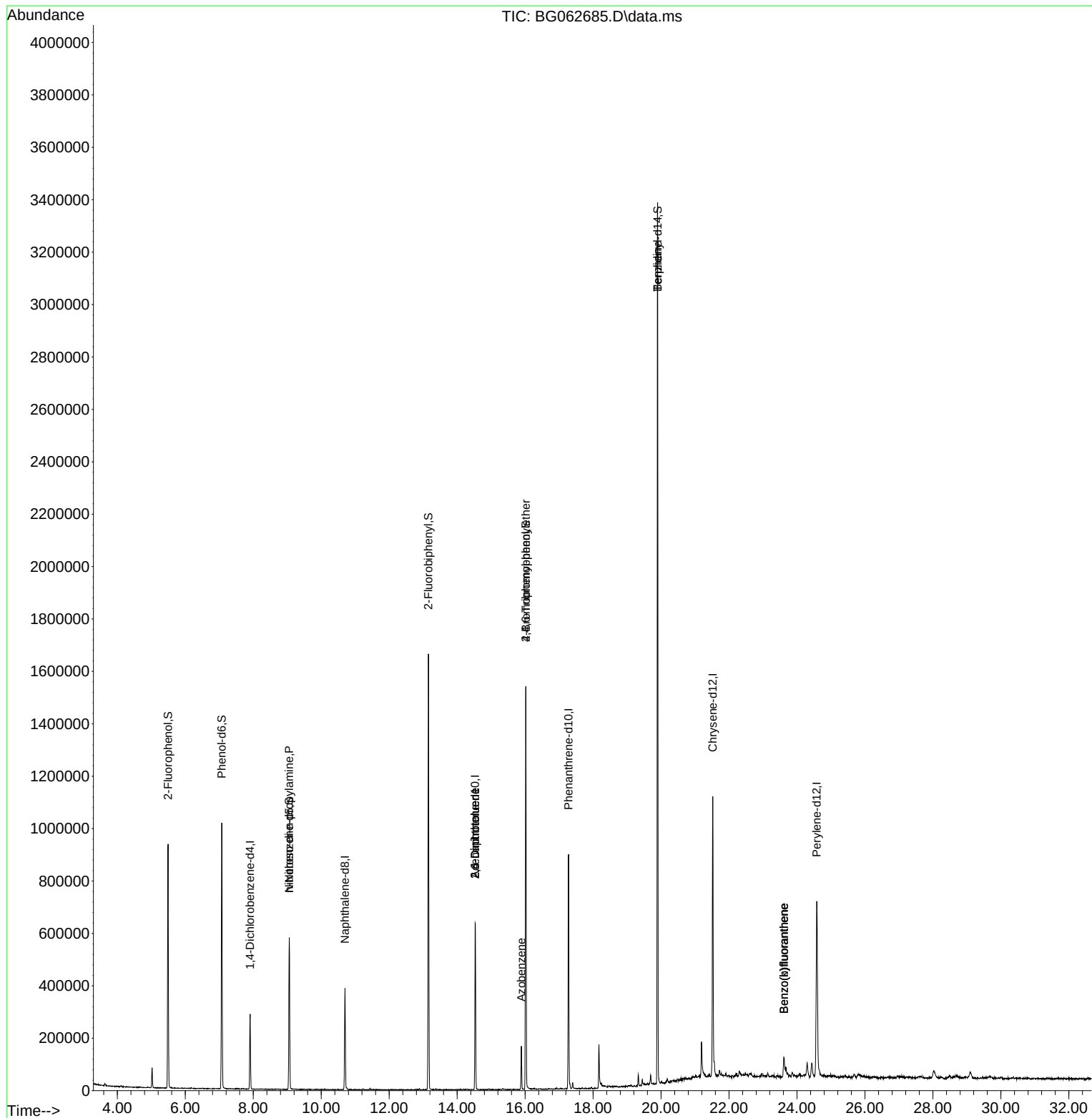
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	81571	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	317478	20.000	ng	-0.02
39) Acenaphthene-d10	14.529	164	238399	20.000	ng	-0.02
64) Phenanthrene-d10	17.279	188	608130	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	631913	20.000	ng	-0.01
86) Perylene-d12	24.582	264	733059	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	395933	83.901	ng	-0.01
7) Phenol-d6	7.073	99	552364	81.023	ng	-0.02
23) Nitrobenzene-d5	9.059	82	352264	59.757	ng	-0.02
42) 2,4,6-Tribromophenol	16.022	330	341171	101.690	ng	-0.01
45) 2-Fluorobiphenyl	13.155	172	868918	59.038	ng	-0.02
79) Terphenyl-d14	19.900	244	1849900	58.047	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.059	70	46570	8.669	ng	# 80
51) 2,6-Dinitrotoluene	14.529	165	31139	9.444	ng	# 23
57) 2,4-Dinitrotoluene	14.529	165	31139	6.921	ng	# 24
63) Azobenzene	15.887	77	47125	2.905	ng	# 1
67) 4-Bromophenyl-phenylether	16.022	248	22298	3.553	ng	# 1
77) Benzidine	19.900	184	25902	2.274	ng	# 92
88) Benzo(b)fluoranthene	23.619	252	88032	2.174	ng	97
89) Benzo(k)fluoranthene	23.619	252	88032	2.223	ng	98

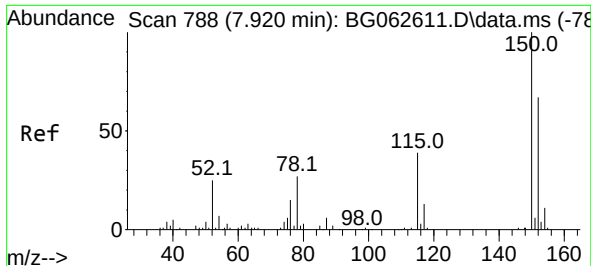
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
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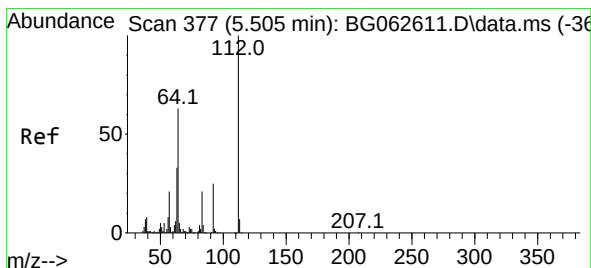
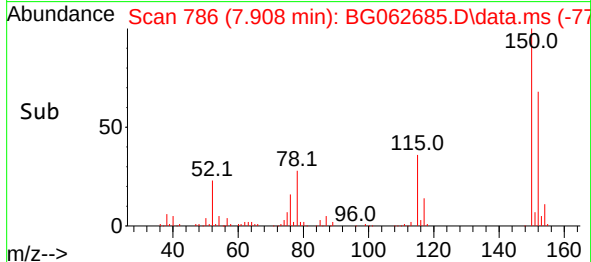
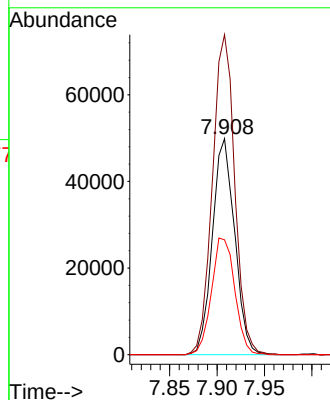
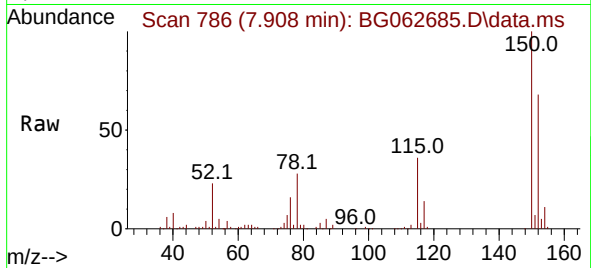




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.908 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

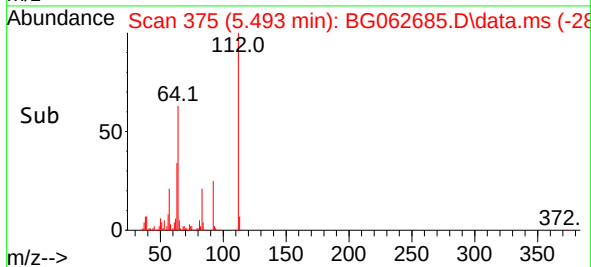
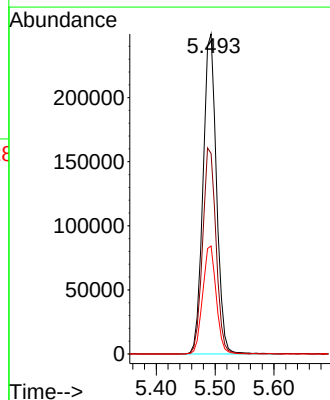
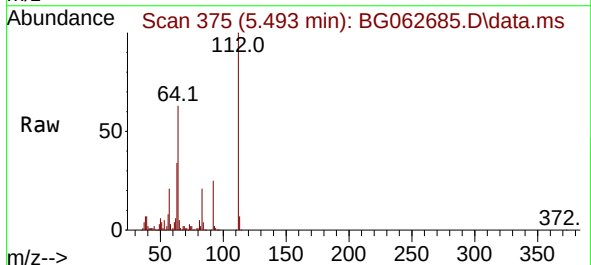
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

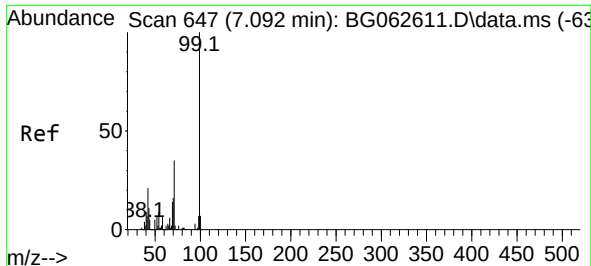
Tgt Ion:152 Resp: 81571
Ion Ratio Lower Upper
152 100
150 148.1 119.9 179.9
115 53.2 46.6 69.8



#5
2-Fluorophenol
Concen: 83.901 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.012 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion:112 Resp: 395933
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.2
63 33.7 26.6 39.8

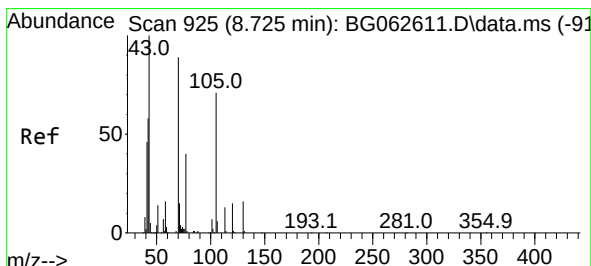
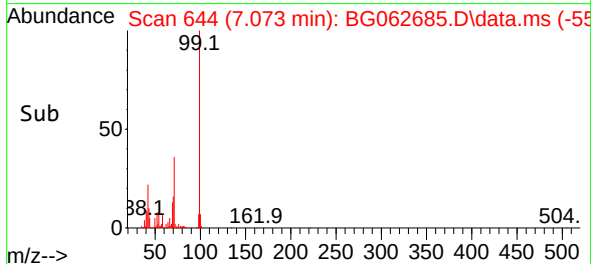
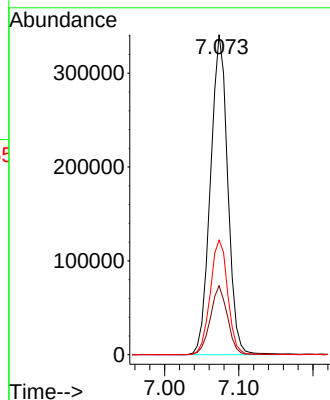
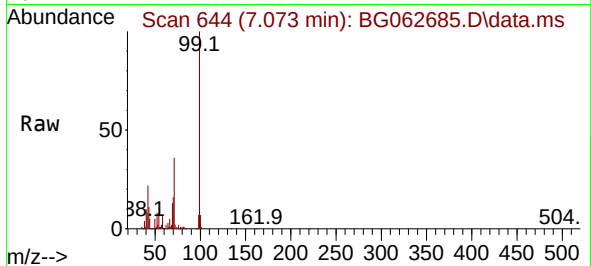




#7
Phenol-d6
Concen: 81.023 ng
RT: 7.073 min Scan# 64
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

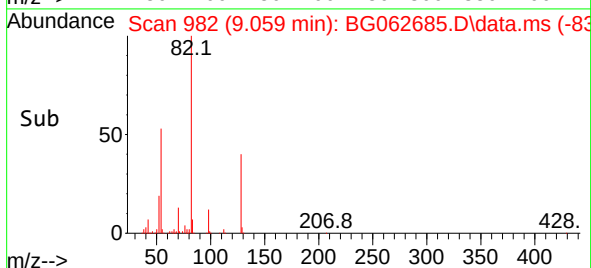
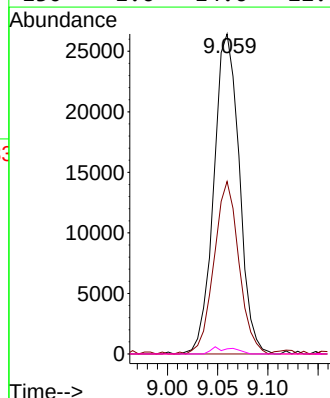
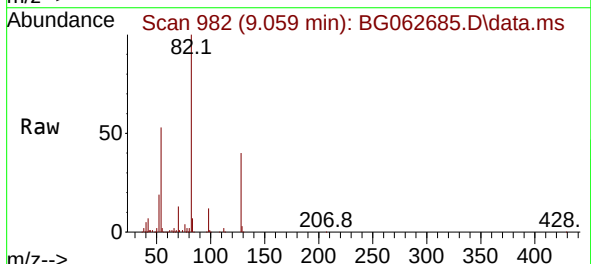
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

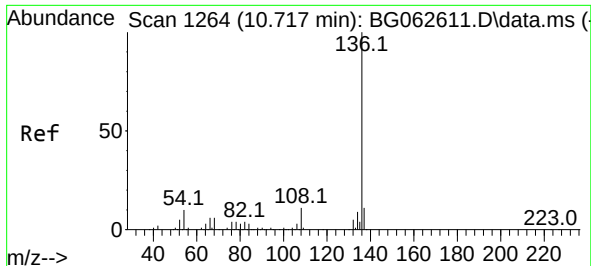
Tgt Ion: 99 Resp: 552364
Ion Ratio Lower Upper
99 100
42 21.5 16.9 25.3
71 35.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.669 ng
RT: 9.059 min Scan# 982
Delta R.T. 0.334 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion: 70 Resp: 46570
Ion Ratio Lower Upper
70 100
42 53.9 52.3 78.5
101 0.0 6.6 9.8#
130 1.6 14.6 22.0#

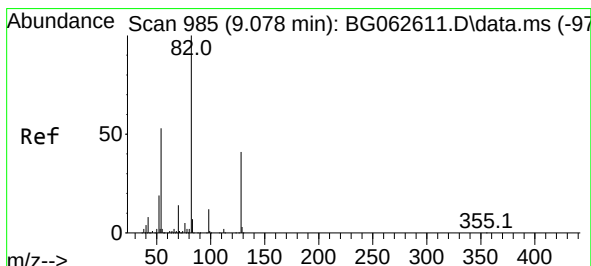
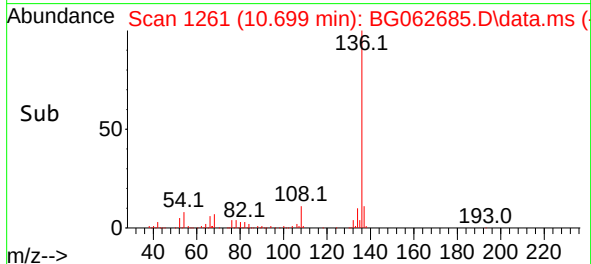
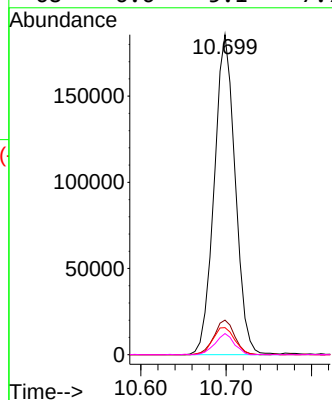
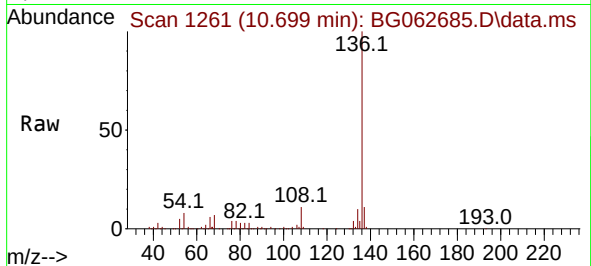




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1261
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

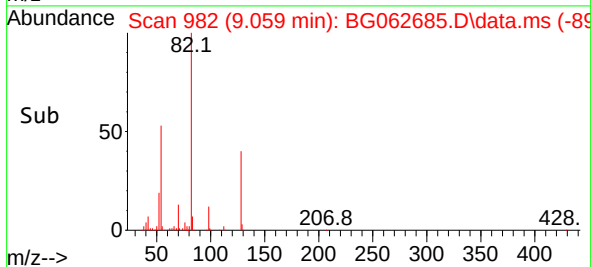
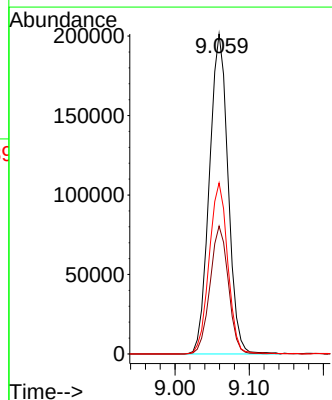
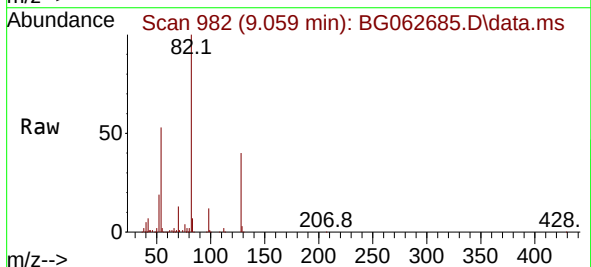
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

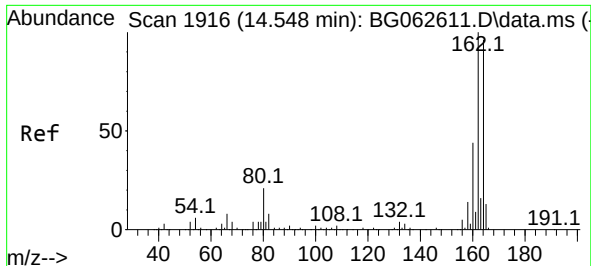
Tgt Ion:	136	Resp:	317478
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.5	7.8	11.6
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.757 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion:	82	Resp:	352264
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.5	48.7
54	53.5	42.5	63.7

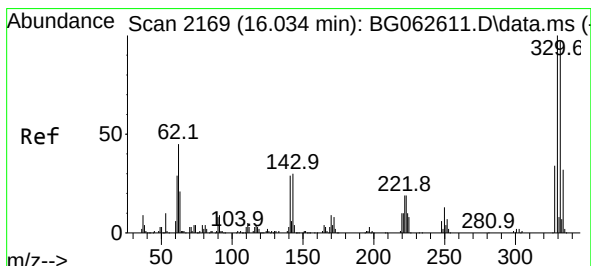
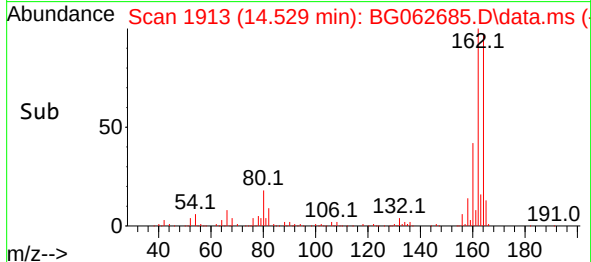
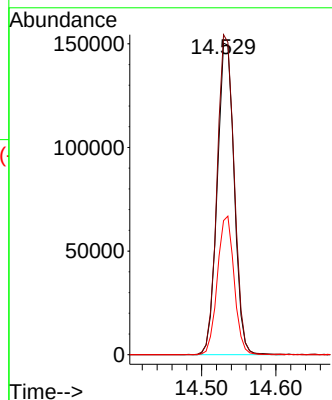
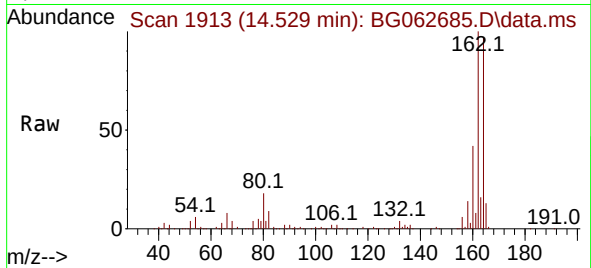




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.529 min Scan# 1913
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

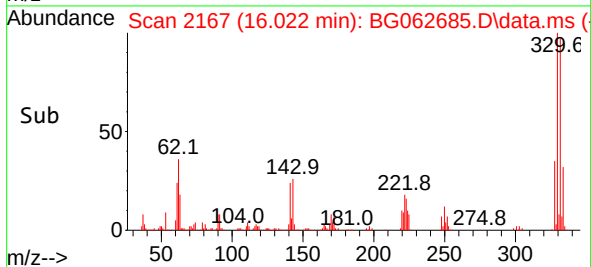
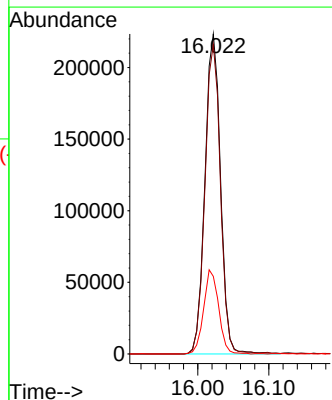
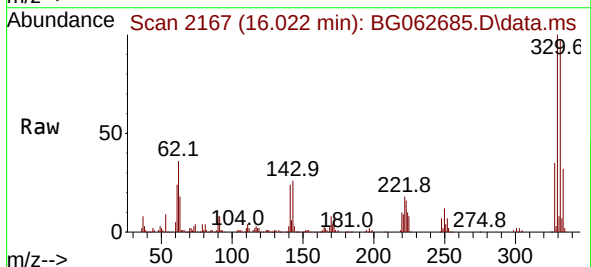
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

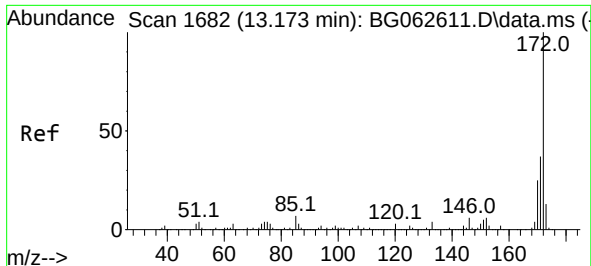
Tgt Ion:164 Resp: 238399
Ion Ratio Lower Upper
164 100
162 102.7 83.1 124.7
160 43.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 101.690 ng
RT: 16.022 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion:330 Resp: 341171
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 25.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 59.038 ng

RT: 13.155 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

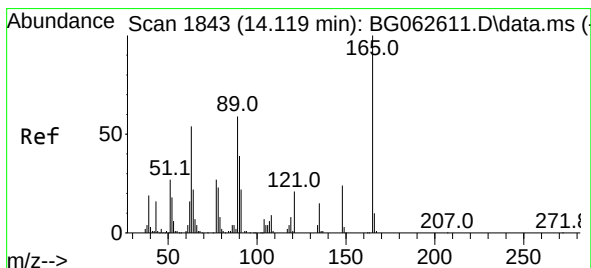
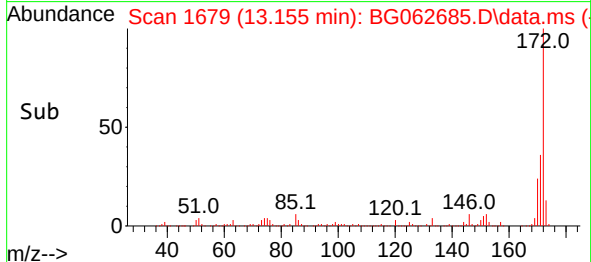
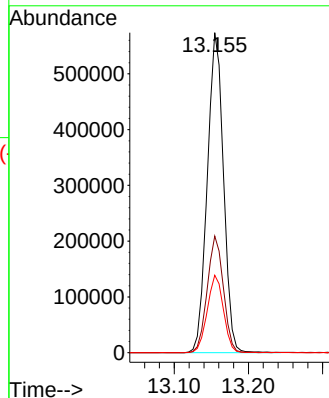
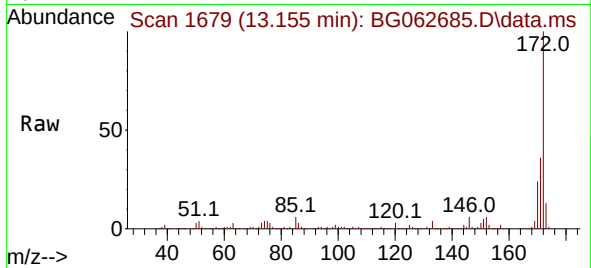
Tgt Ion:172 Resp: 868918

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 24.2 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.444 ng

RT: 14.529 min Scan# 1913

Delta R.T. 0.411 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

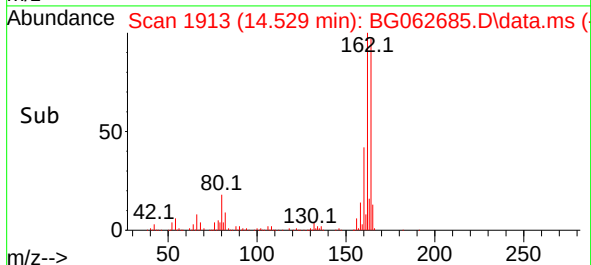
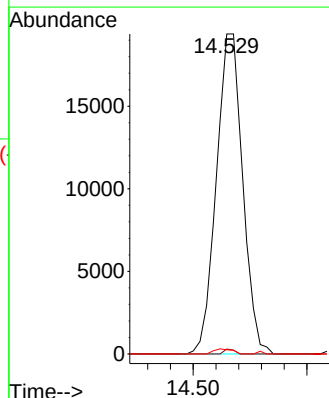
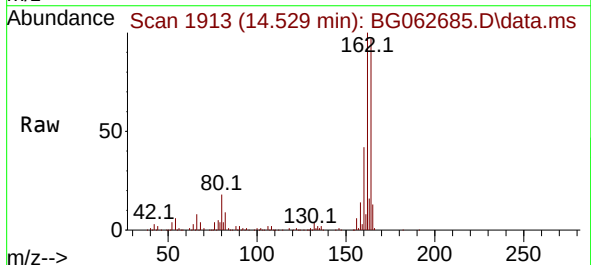
Tgt Ion:165 Resp: 31139

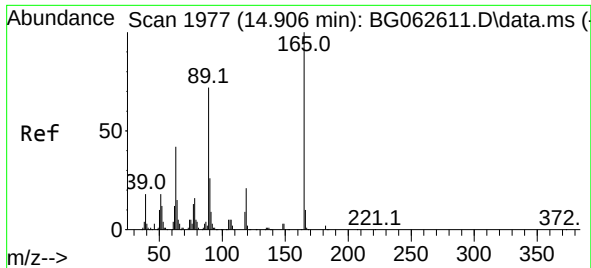
Ion Ratio Lower Upper

165 100

63 1.6 46.6 69.8#

89 1.3 47.2 70.8#

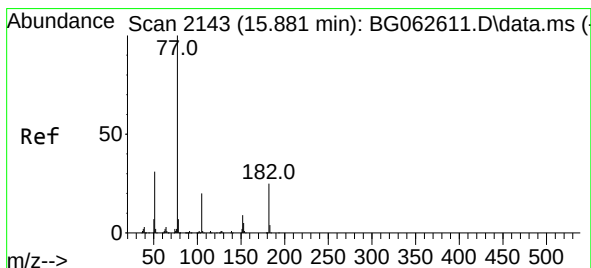
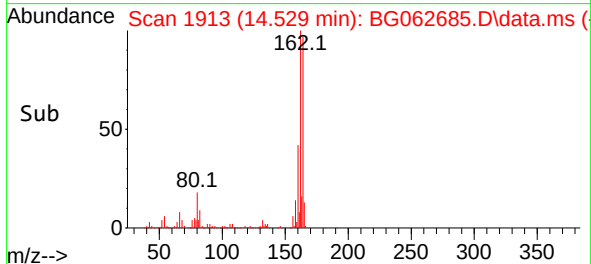
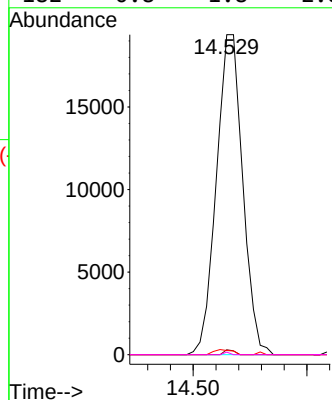
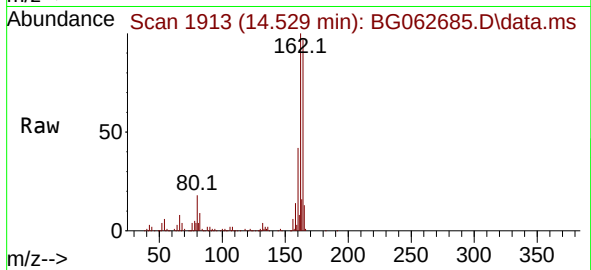




#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 14.529 min Scan# 1977
Delta R.T. -0.377 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

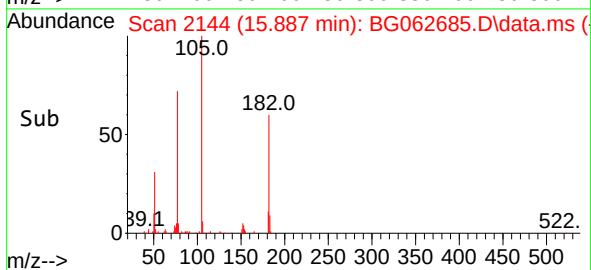
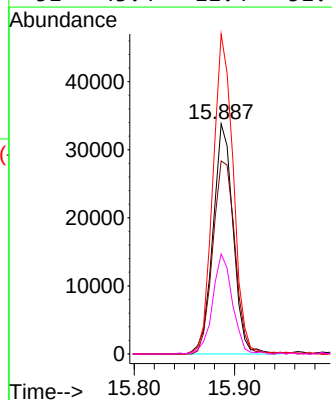
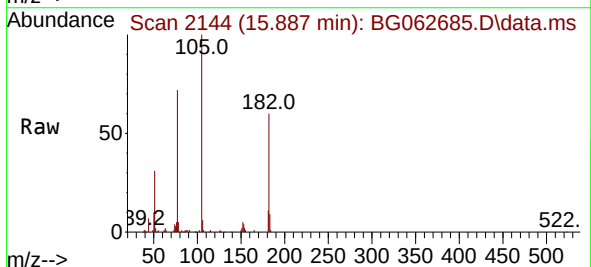
Instrument :
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WC-D1-COMP

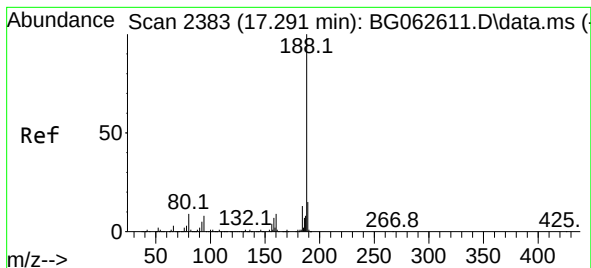
Tgt Ion:165 Resp: 31139
Ion Ratio Lower Upper
165 100
63 1.6 33.8 50.6#
89 1.3 57.9 86.9#
182 0.8 1.8 2.8#



#63
Azobenzene
Concen: 2.905 ng
RT: 15.887 min Scan# 2144
Delta R.T. 0.005 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion: 77 Resp: 47125
Ion Ratio Lower Upper
77 100
182 83.8 5.0 45.0#
105 139.1 0.5 40.5#
51 43.4 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.279 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

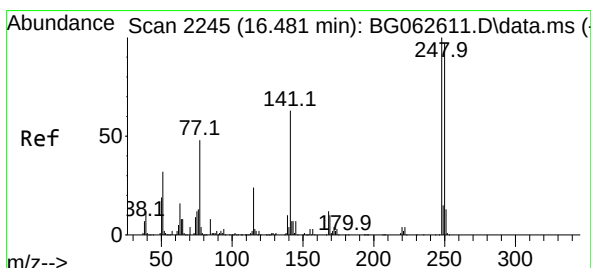
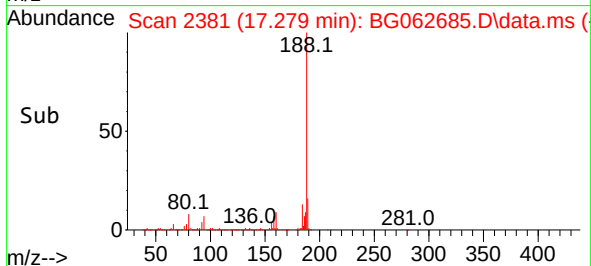
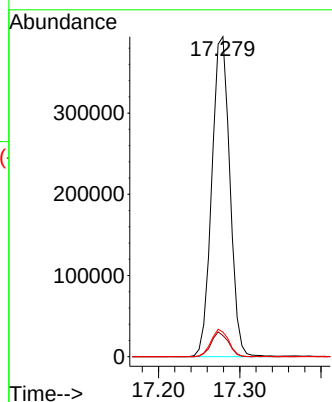
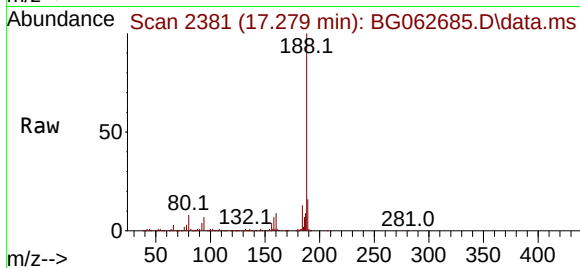
Tgt Ion:188 Resp: 608130

Ion Ratio Lower Upper

188 100

94 6.6 6.3 9.5

80 7.7 7.0 10.4



#67

4-Bromophenyl-phenylether

Concen: 3.553 ng

RT: 16.022 min Scan# 2167

Delta R.T. -0.459 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

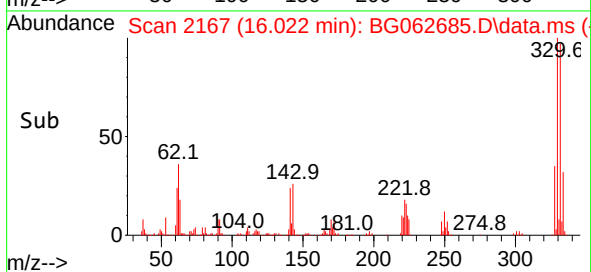
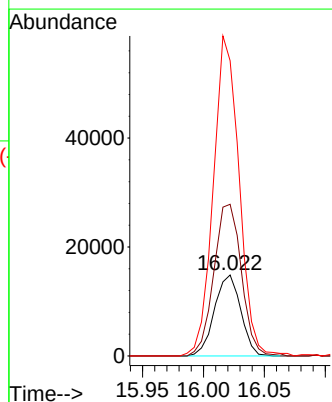
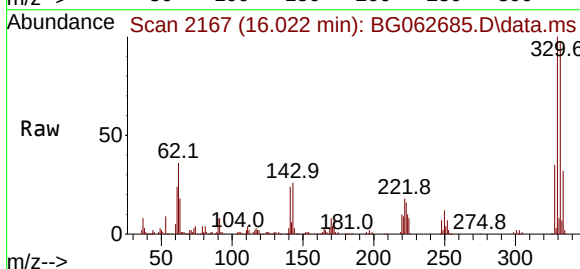
Tgt Ion:248 Resp: 22298

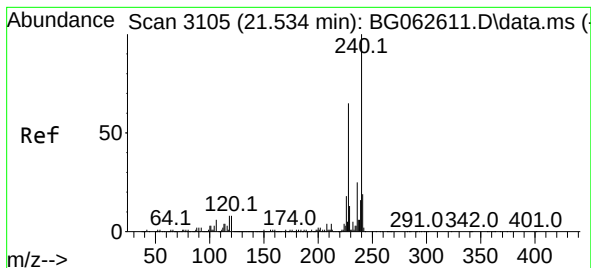
Ion Ratio Lower Upper

248 100

250 246.4 77.9 116.9#

141 364.3 50.2 75.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

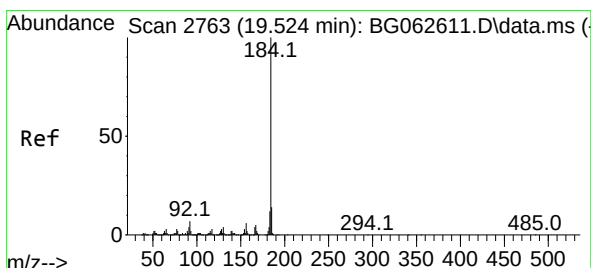
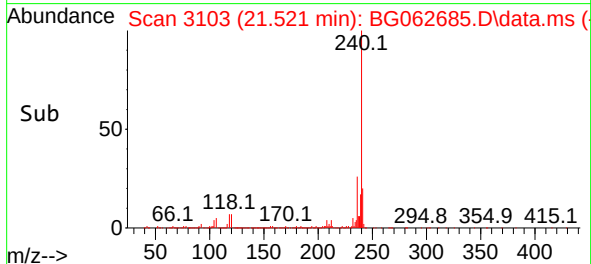
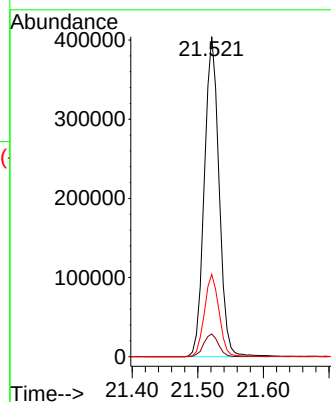
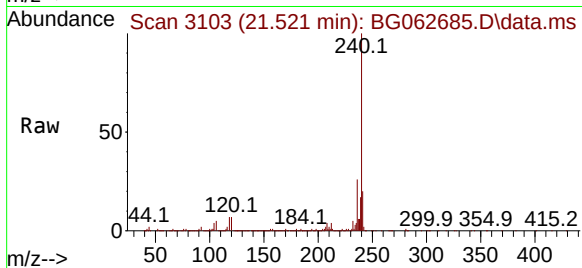
Tgt Ion:240 Resp: 631913

Ion Ratio Lower Upper

240 100

120 7.1 6.6 9.8

236 25.7 20.2 30.4



#77

Benzidine

Concen: 2.274 ng

RT: 19.900 min Scan# 2827

Delta R.T. 0.376 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

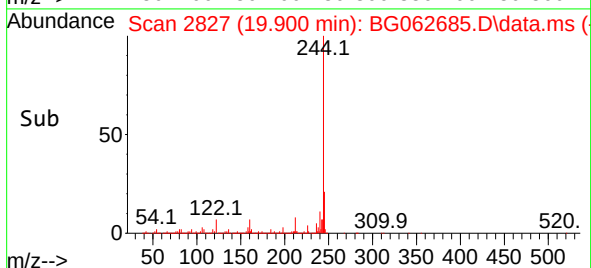
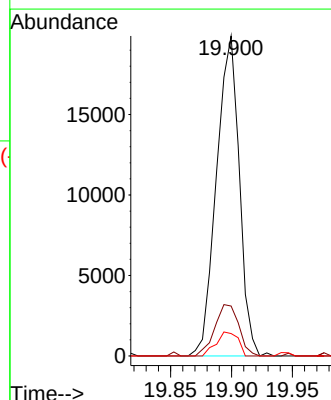
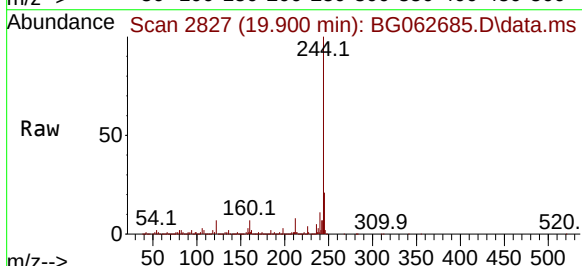
Tgt Ion:184 Resp: 25902

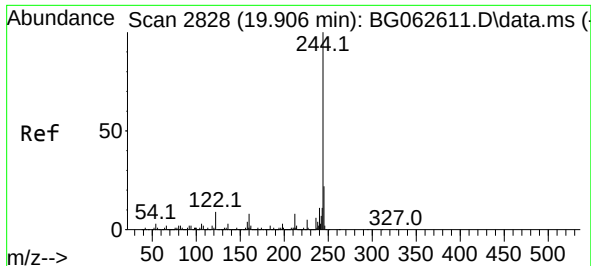
Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.6

183 7.0 9.7 14.5#

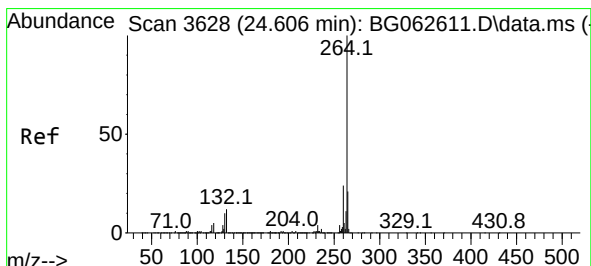
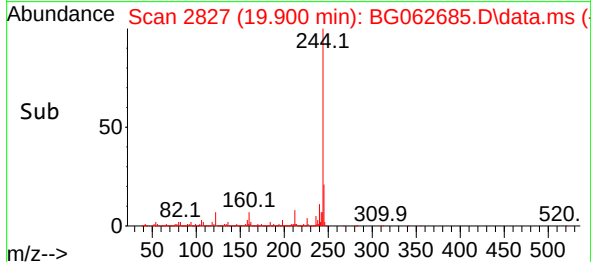
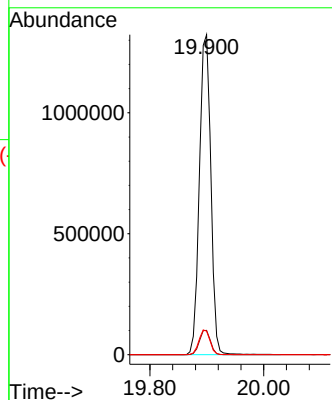
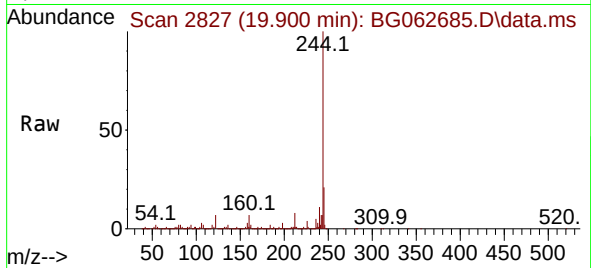




#79
 Terphenyl-d14
 Concen: 58.047 ng
 RT: 19.900 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG062685.D
 Acq: 6 Sep 2024 17:45

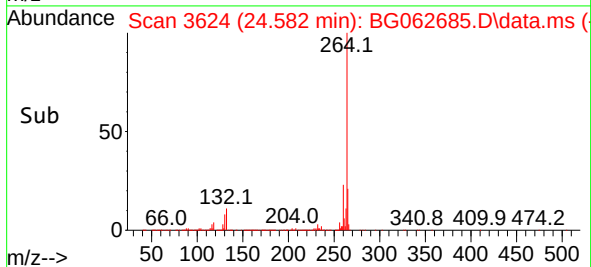
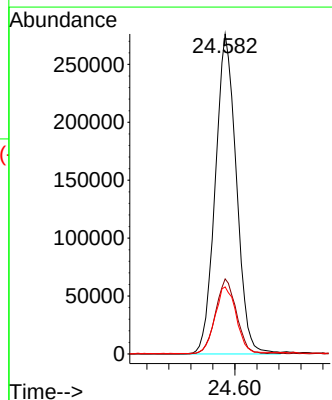
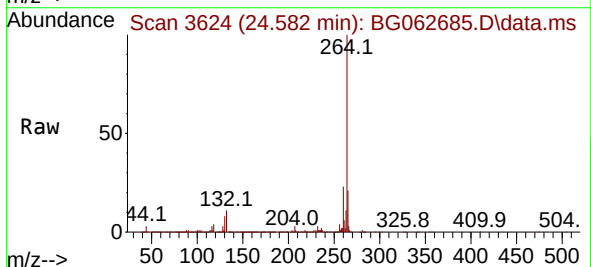
Instrument :
 BNA_G
 ClientSampleId :
 WC-D1-COMP

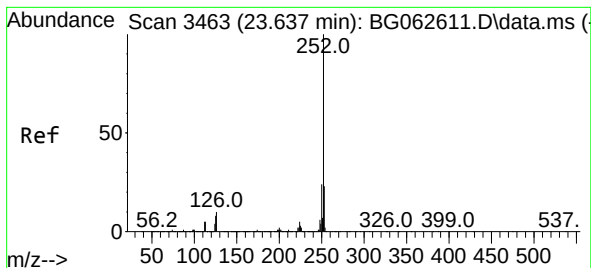
Tgt Ion:244 Resp: 1849900
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 7.4 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.582 min Scan# 3624
 Delta R.T. -0.024 min
 Lab File: BG062685.D
 Acq: 6 Sep 2024 17:45

Tgt Ion:264 Resp: 733059
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 20.9 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.174 ng

RT: 23.619 min Scan# 3460

Delta R.T. -0.018 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

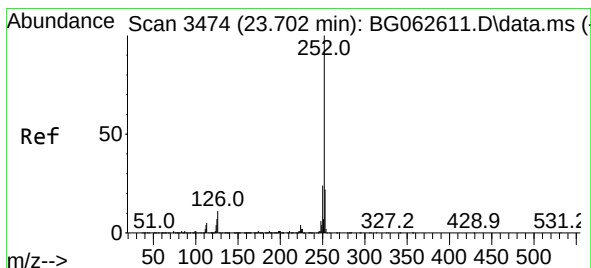
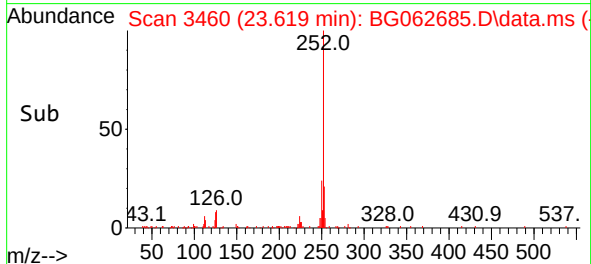
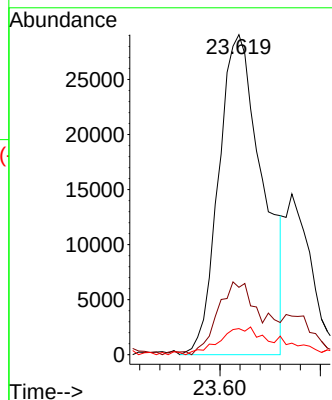
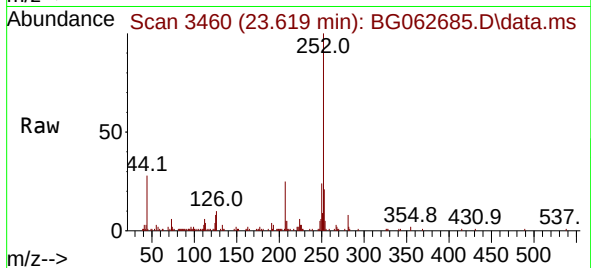
Tgt Ion:252 Resp: 88032

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

125 8.1 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 2.223 ng

RT: 23.619 min Scan# 3460

Delta R.T. -0.083 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Tgt Ion:252 Resp: 88032

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

125 8.1 6.1 9.1

