

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062682.D
 Acq On : 6 Sep 2024 15:42
 Operator : MA/JU
 Sample : P3857-04
 Misc : 8270-WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C2-COMP

Quant Time: Sep 06 16:36:23 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)

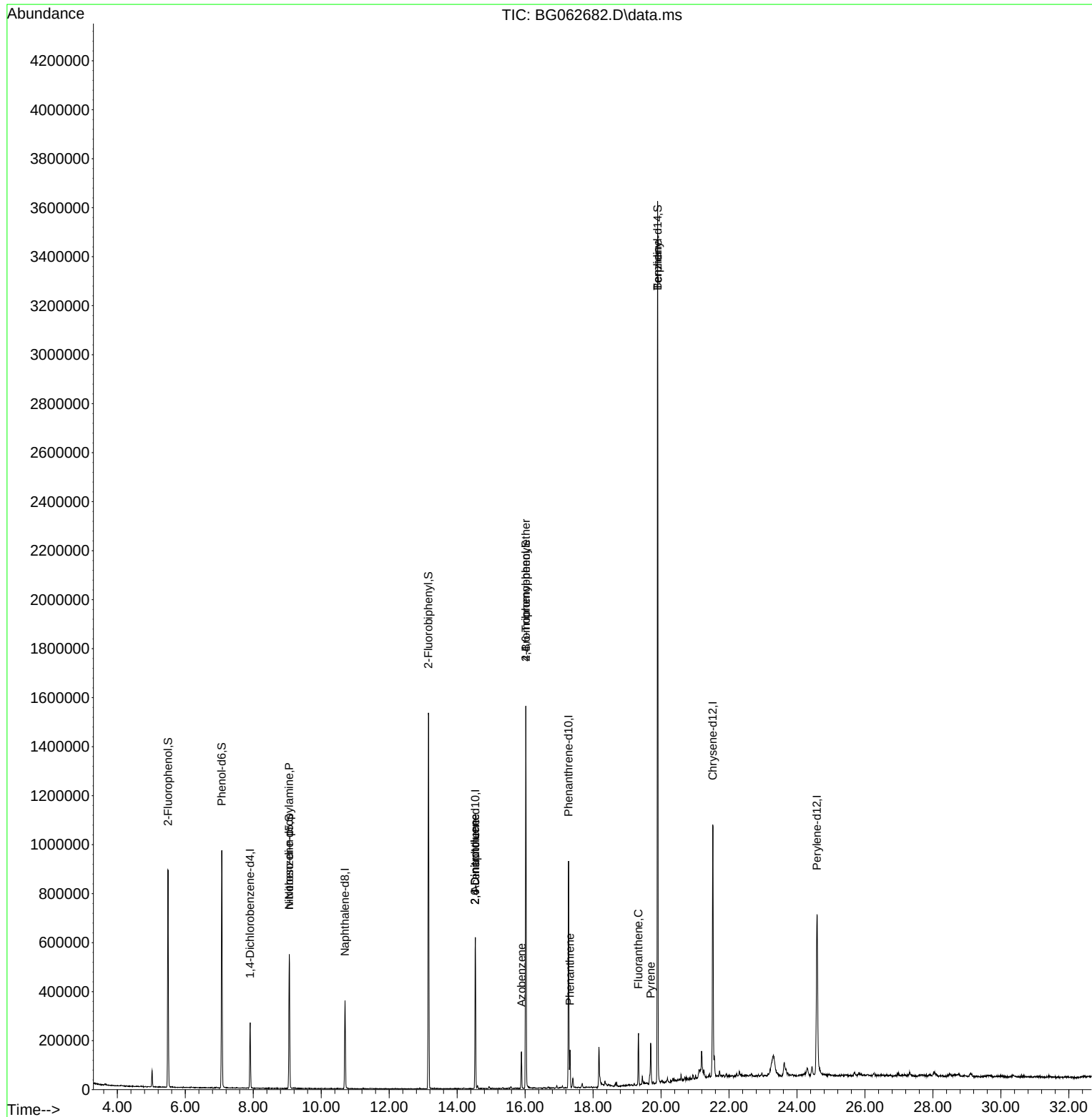
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	76132	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	300230	20.000	ng	-0.02
39) Acenaphthene-d10	14.535	164	223177	20.000	ng	-0.01
64) Phenanthrene-d10	17.279	188	579431	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	626830	20.000	ng	-0.01
86) Perylene-d12	24.588	264	736186	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	372636	84.605	ng	-0.01
7) Phenol-d6	7.074	99	532487	83.687	ng	-0.02
23) Nitrobenzene-d5	9.059	82	331583	59.480	ng	-0.02
42) 2,4,6-Tribromophenol	16.022	330	334224	106.414	ng	-0.01
45) 2-Fluorobiphenyl	13.155	172	832959	60.455	ng	-0.02
79) Terphenyl-d14	19.900	244	1851472	58.567	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.059	70	43768	8.730	ng	# 81
51) 2,6-Dinitrotoluene	14.530	165	29699	9.621	ng	# 23
57) 2,4-Dinitrotoluene	14.530	165	29699	7.052	ng	# 23
63) Azobenzene	15.893	77	44247	2.913	ng	# 1
67) 4-Bromophenyl-phenylether	16.022	248	22313	3.731	ng	# 1
71) Phenanthrene	17.320	178	99629	3.684	ng	99
75) Fluoranthene	19.336	202	136128	3.980	ng	97
77) Benzidine	19.900	184	27720	2.454	ng	# 91
78) Pyrene	19.694	202	109168	2.740	ng	97

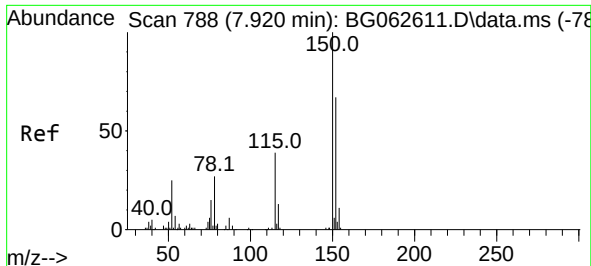
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
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Quant Time: Sep 06 16:36:23 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

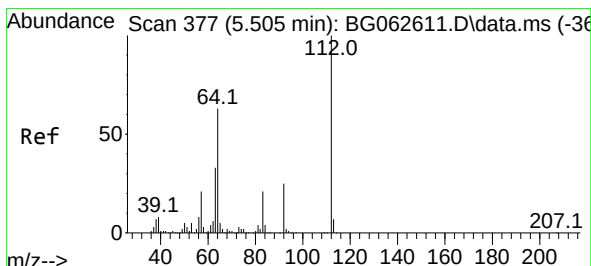
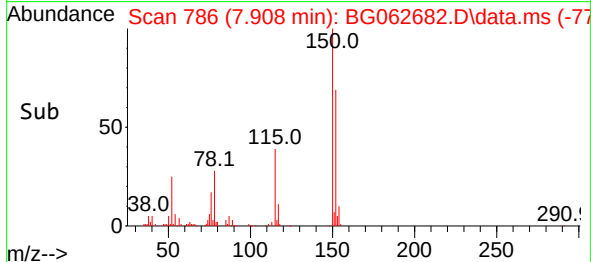
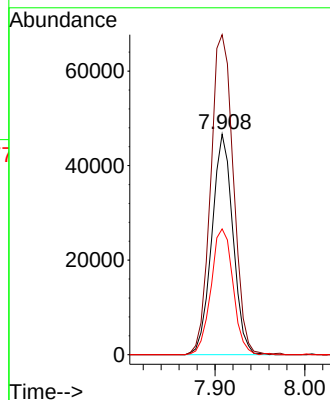
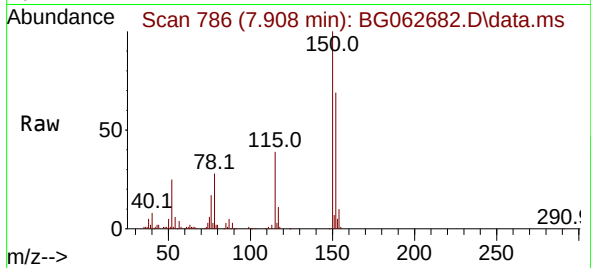




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.908 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

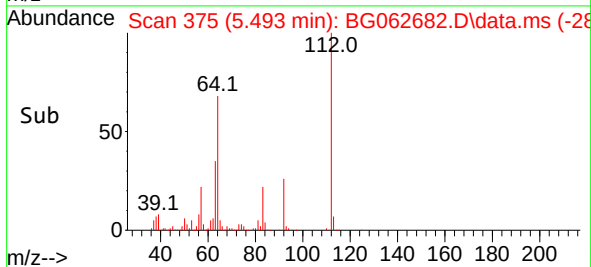
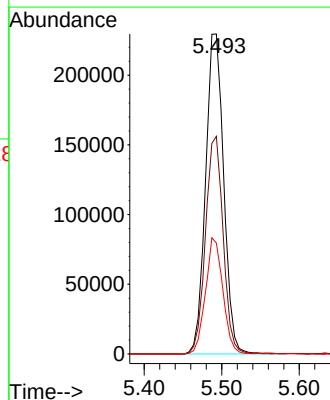
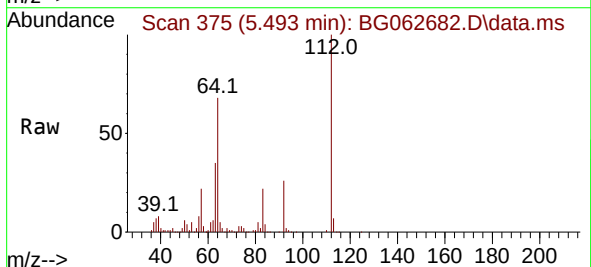
Instrument :
BNA_G
ClientSampleId :
WC-C2-COMP

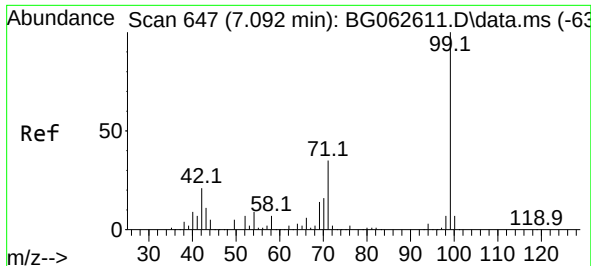
Tgt Ion:152 Resp: 76132
Ion Ratio Lower Upper
152 100
150 145.1 119.9 179.9
115 57.1 46.6 69.8



#5
2-Fluorophenol
Concen: 84.605 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.012 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion:112 Resp: 372636
Ion Ratio Lower Upper
112 100
64 68.0 50.2 75.2
63 34.6 26.6 39.8

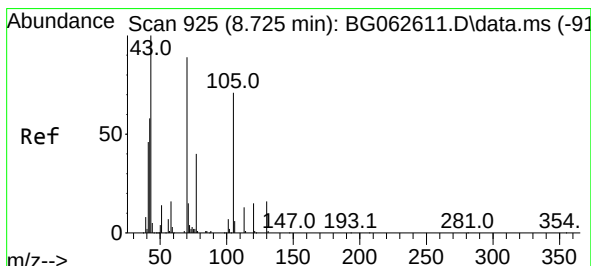
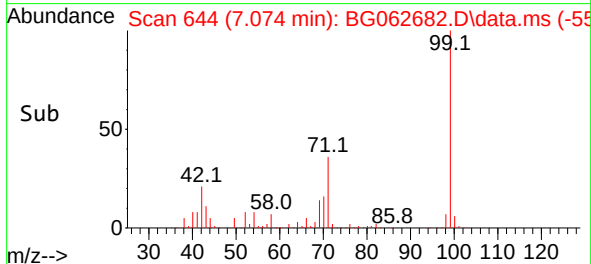
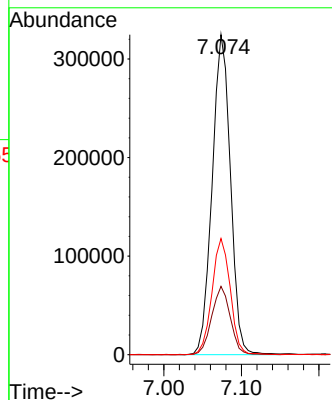
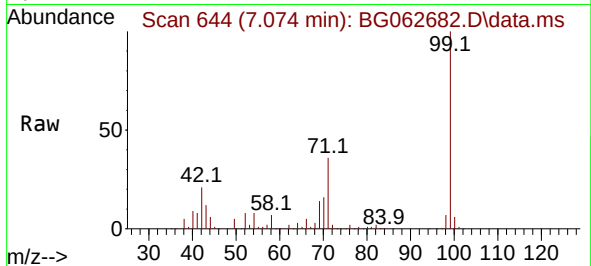




#7
Phenol-d6
Concen: 83.687 ng
RT: 7.074 min Scan# 64
Delta R.T. -0.018 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

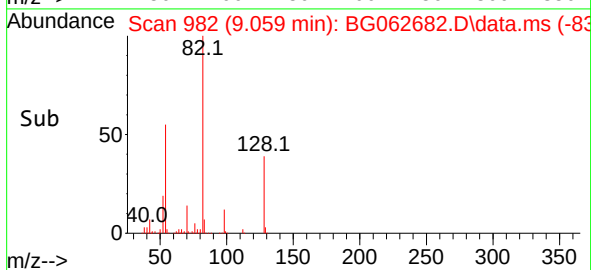
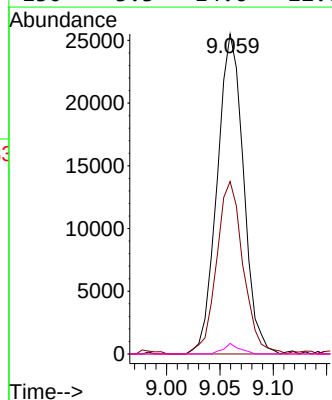
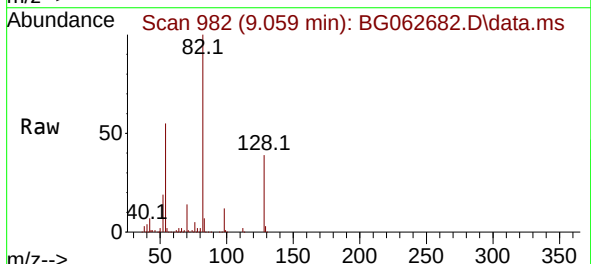
Instrument :
BNA_G
ClientSampleId :
WC-C2-COMP

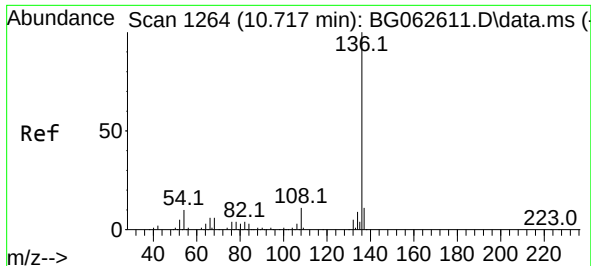
Tgt Ion: 99 Resp: 532487
Ion Ratio Lower Upper
99 100
42 21.3 16.9 25.3
71 36.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.730 ng
RT: 9.059 min Scan# 982
Delta R.T. 0.334 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion: 70 Resp: 43768
Ion Ratio Lower Upper
70 100
42 53.9 52.3 78.5
101 0.0 6.6 9.8#
130 3.3 14.6 22.0#

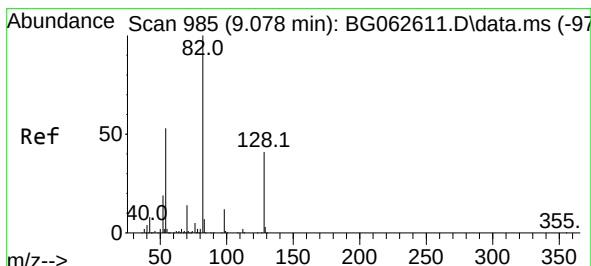
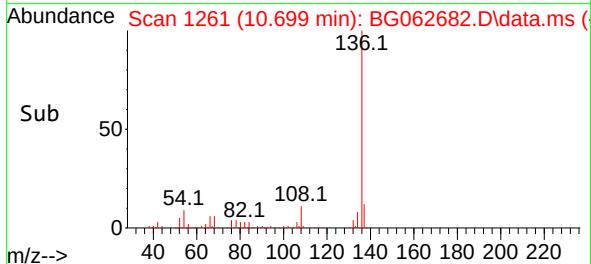
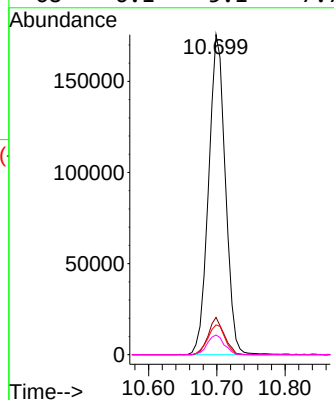
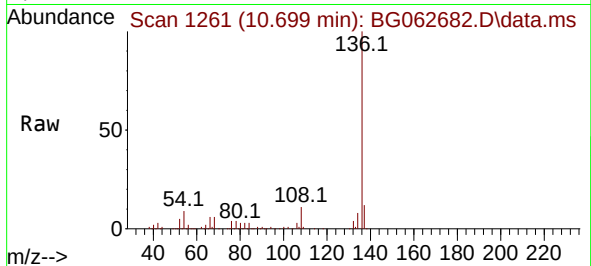




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

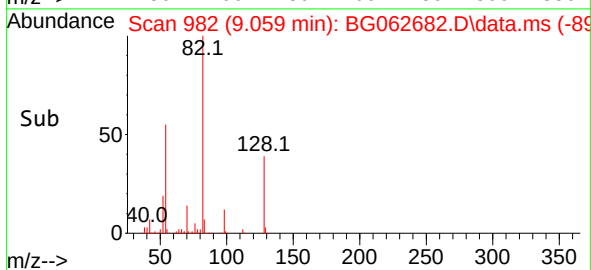
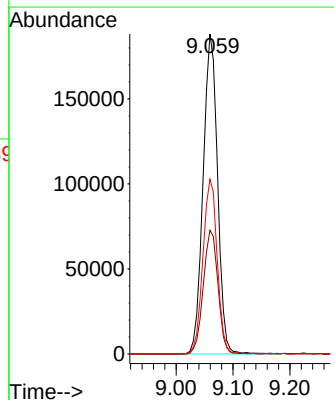
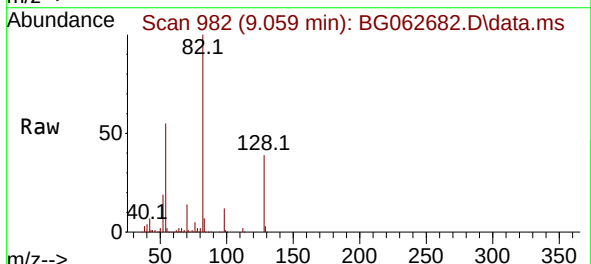
Instrument :
BNA_G
ClientSampleId :
WC-C2-COMP

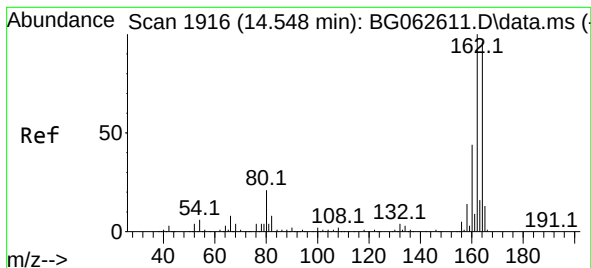
Tgt Ion:136 Resp: 300230
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 9.3 7.8 11.6
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 59.480 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.018 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion: 82 Resp: 331583
Ion Ratio Lower Upper
82 100
128 38.6 32.5 48.7
54 54.6 42.5 63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.535 min Scan# 1914

Delta R.T. -0.012 min

Lab File: BG062682.D

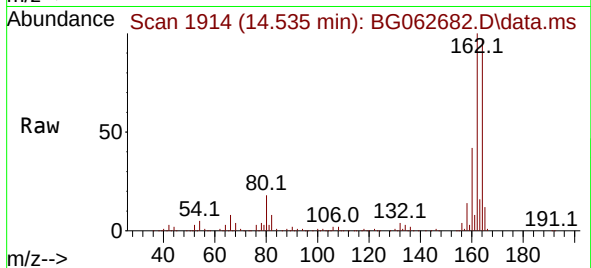
Acq: 6 Sep 2024 15:42

Instrument :

BNA_G

ClientSampleId :

WC-C2-COMP



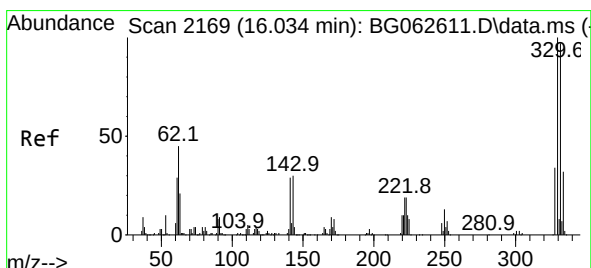
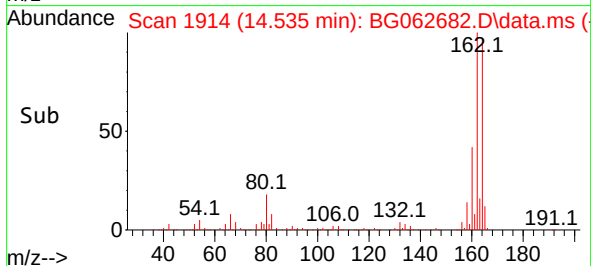
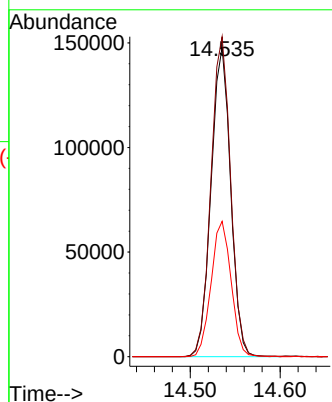
Tgt Ion:164 Resp: 223177

Ion	Ratio	Lower	Upper
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164	100		
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162	103.4	83.1	124.7
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160	43.8	36.2	54.4
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#42

2,4,6-Tribromophenol

Concen: 106.414 ng

RT: 16.022 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

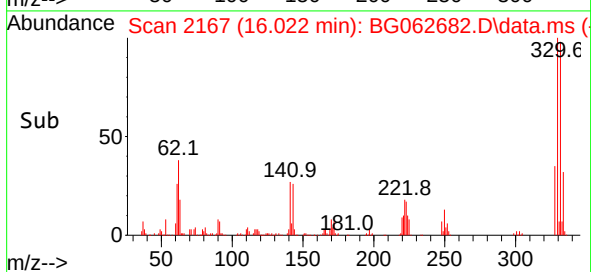
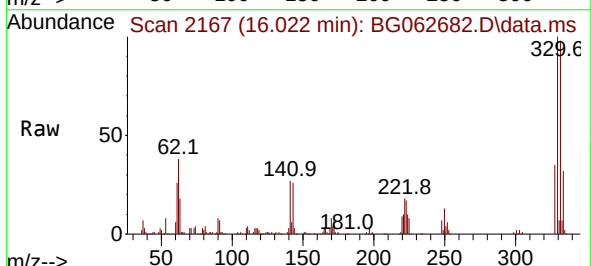
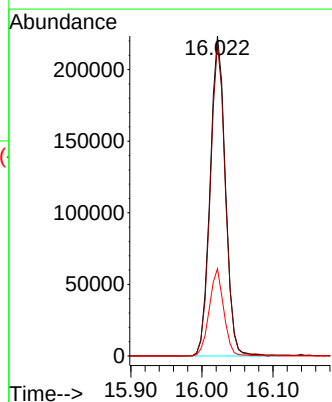
Tgt Ion:330 Resp: 334224

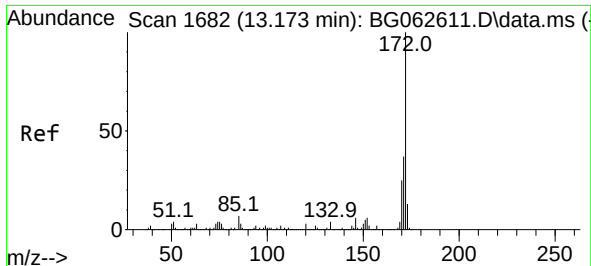
Ion	Ratio	Lower	Upper
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330	100		
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332	96.1	77.2	115.8
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141	25.8	22.2	33.4
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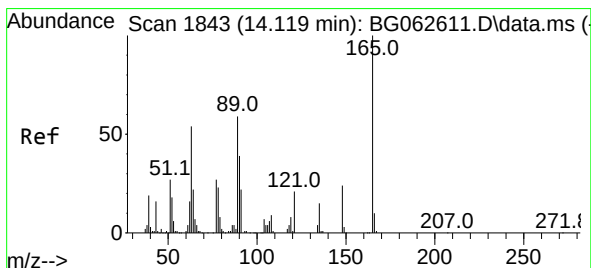
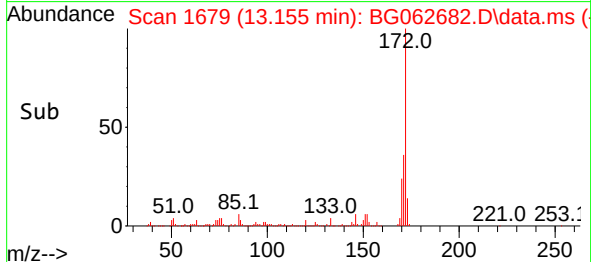
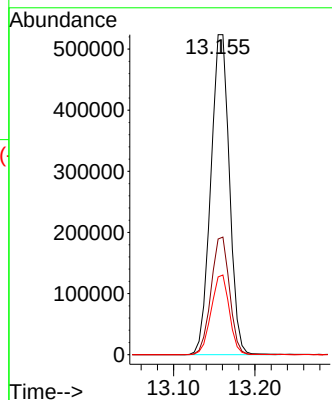
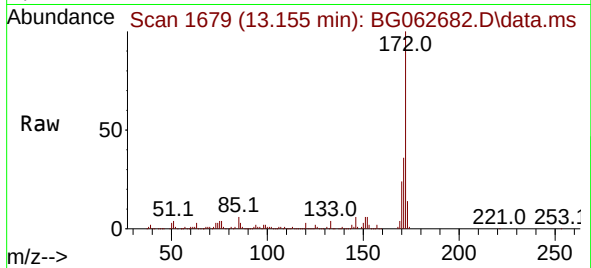




#45
2-Fluorobiphenyl
Concen: 60.455 ng
RT: 13.155 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

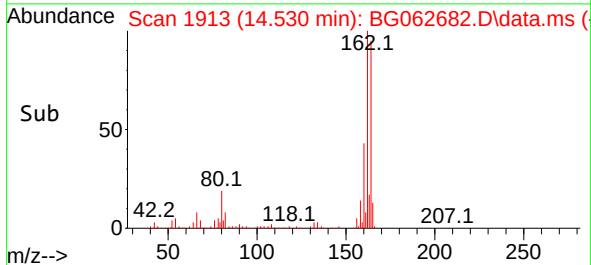
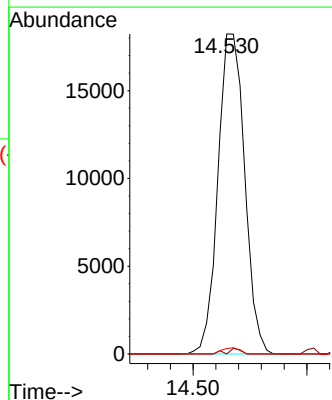
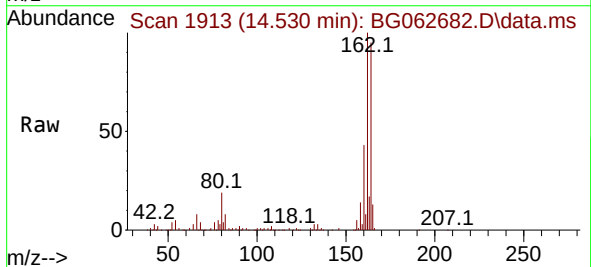
Instrument :
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ClientSampleId :
WC-C2-COMP

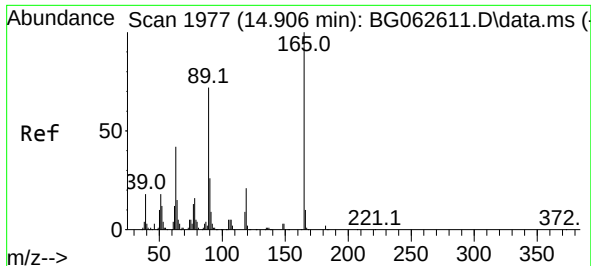
Tgt Ion:172 Resp: 832959
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 9.621 ng
RT: 14.530 min Scan# 1913
Delta R.T. 0.411 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion:165 Resp: 29699
Ion Ratio Lower Upper
165 100
63 0.0 46.6 69.8#
89 1.7 47.2 70.8#

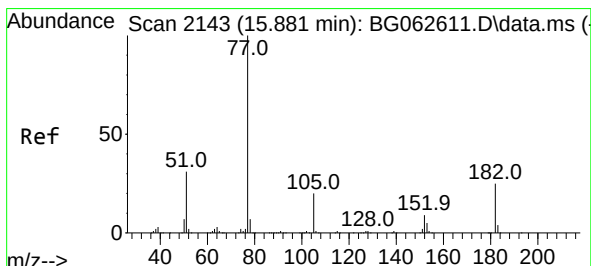
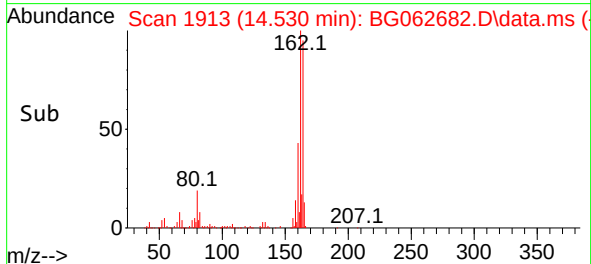
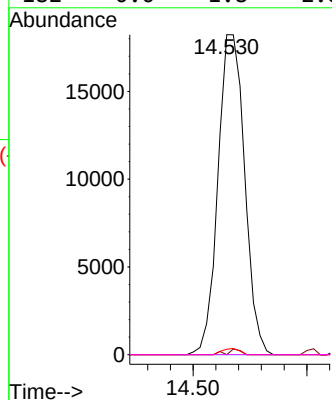
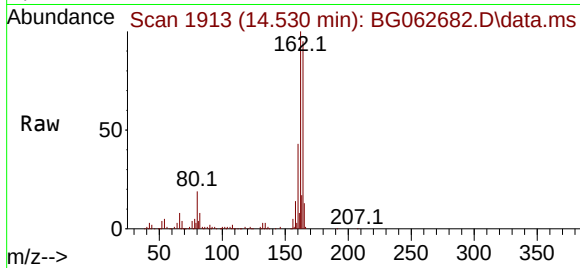




#57
2,4-Dinitrotoluene
Concen: 7.052 ng
RT: 14.530 min Scan# 1977
Delta R.T. -0.377 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

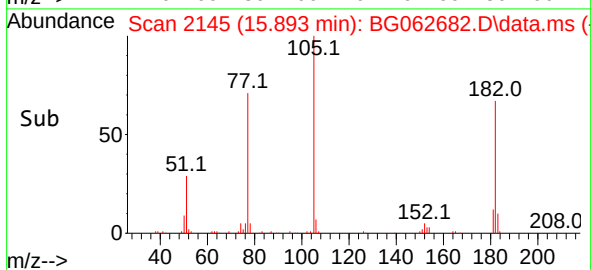
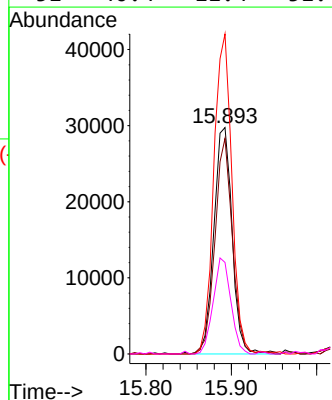
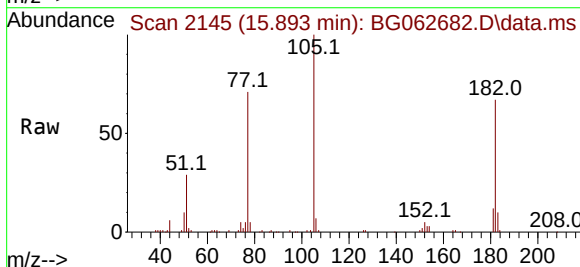
Instrument :
BNA_G
ClientSampleId :
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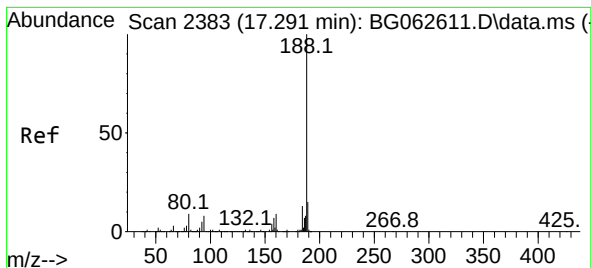
Tgt Ion:165 Resp: 29699
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 1.7 57.9 86.9#
182 0.0 1.8 2.8#



#63
Azobenzene
Concen: 2.913 ng
RT: 15.893 min Scan# 2145
Delta R.T. 0.011 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion: 77 Resp: 44247
Ion Ratio Lower Upper
77 100
182 95.2 5.0 45.0#
105 141.3 0.5 40.5#
51 40.4 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: BG062682.D

Acq: 6 Sep 2024 15:42

Instrument :

BNA_G

ClientSampleId :

WC-C2-COMP

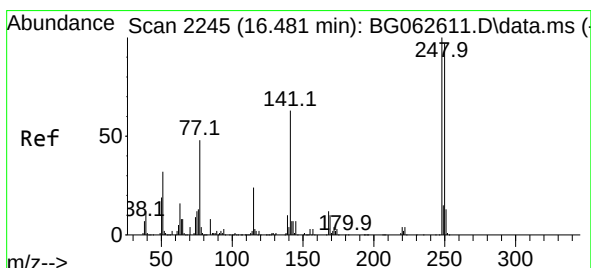
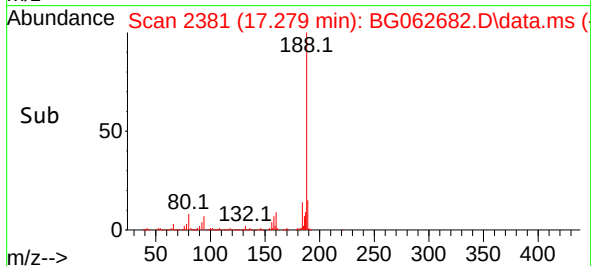
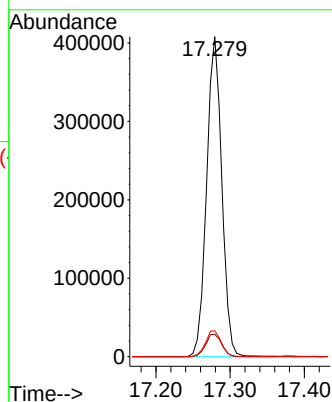
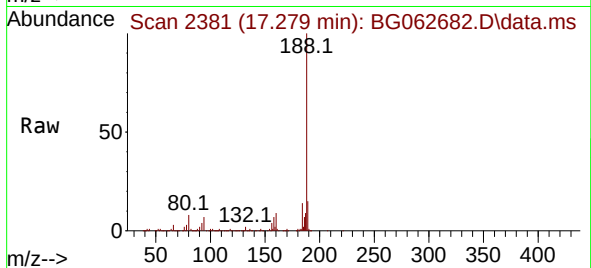
Tgt Ion:188 Resp: 579431

Ion Ratio Lower Upper

188 100

94 7.0 6.3 9.5

80 8.1 7.0 10.4



#67

4-Bromophenyl-phenylether

Concen: 3.731 ng

RT: 16.022 min Scan# 2167

Delta R.T. -0.459 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

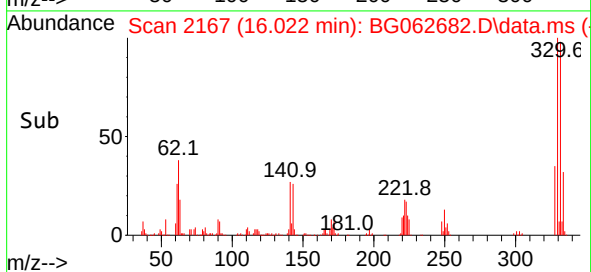
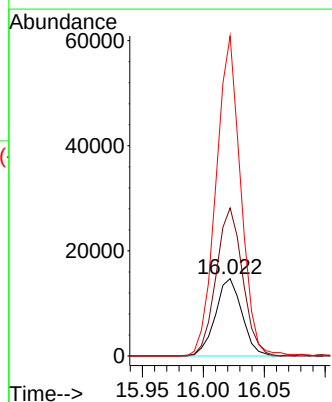
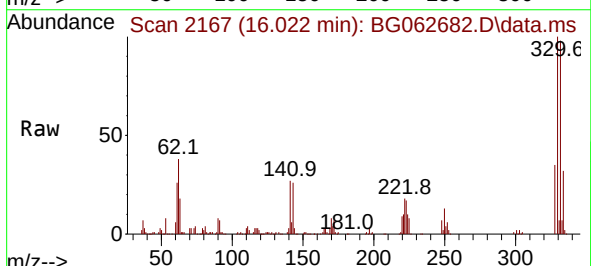
Tgt Ion:248 Resp: 22313

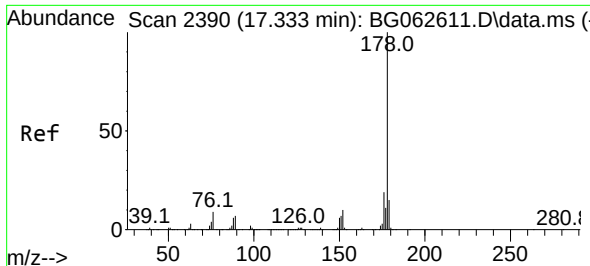
Ion Ratio Lower Upper

248 100

250 191.5 77.9 116.9#

141 414.1 50.2 75.2#

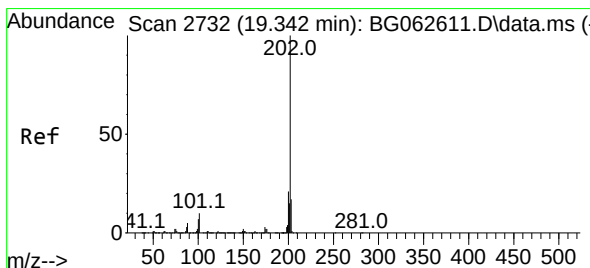
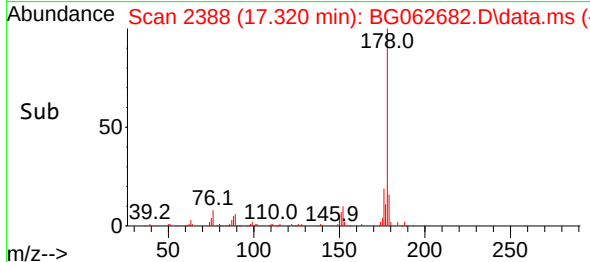
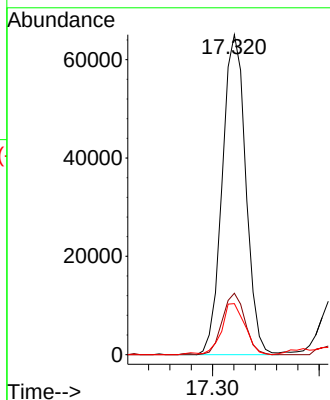
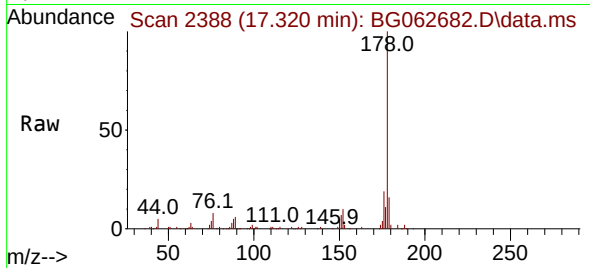




#71
Phenanthrene
Concen: 3.684 ng
RT: 17.320 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

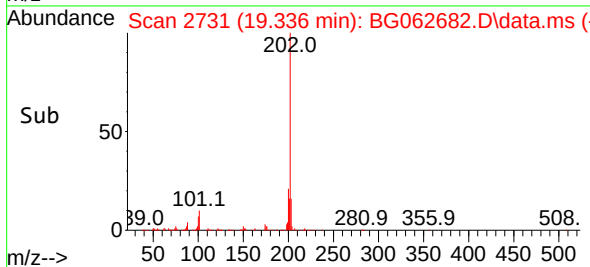
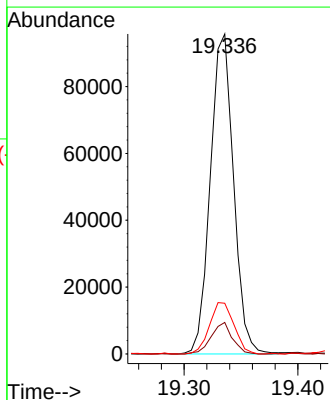
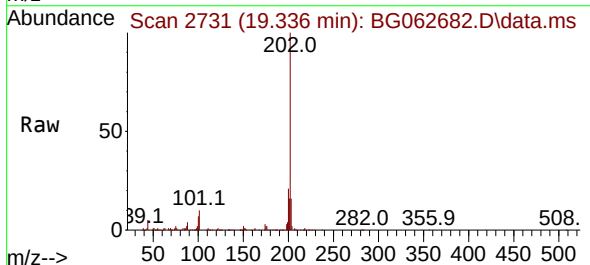
Instrument :
BNA_G
ClientSampleId :
WC-C2-COMP

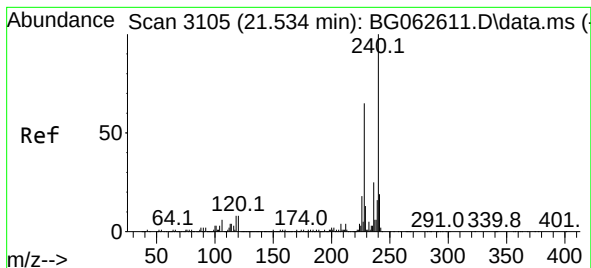
Tgt Ion:178 Resp: 99629
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.9 12.2 18.4



#75
Fluoranthene
Concen: 3.980 ng
RT: 19.336 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Tgt Ion:202 Resp: 136128
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 15.8 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

Instrument :

BNA_G

ClientSampleId :

WC-C2-COMP

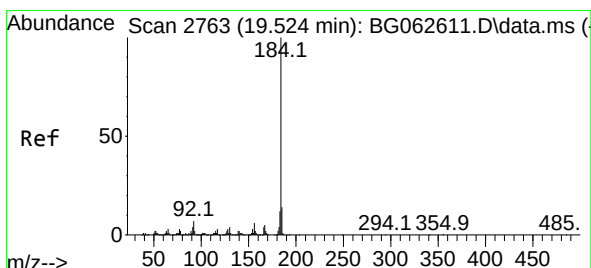
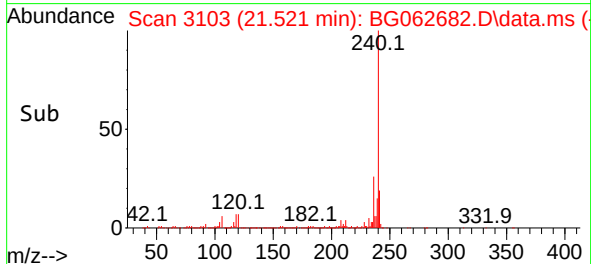
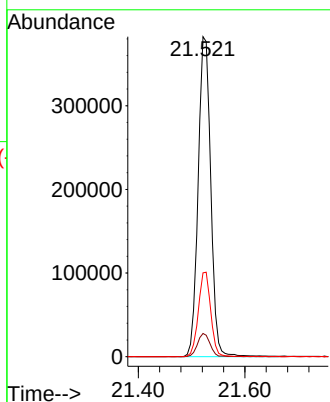
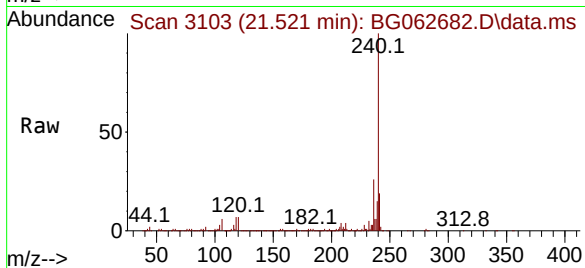
Tgt Ion:240 Resp: 626830

Ion Ratio Lower Upper

240 100

120 7.2 6.6 9.8

236 26.2 20.2 30.4



#77

Benzidine

Concen: 2.454 ng

RT: 19.900 min Scan# 2827

Delta R.T. 0.376 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

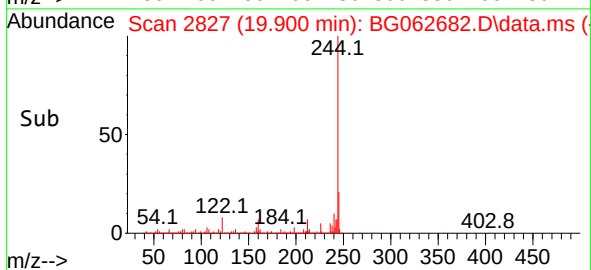
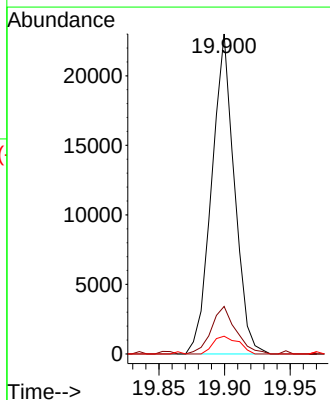
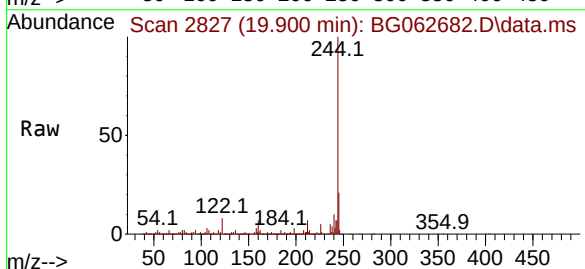
Tgt Ion:184 Resp: 27720

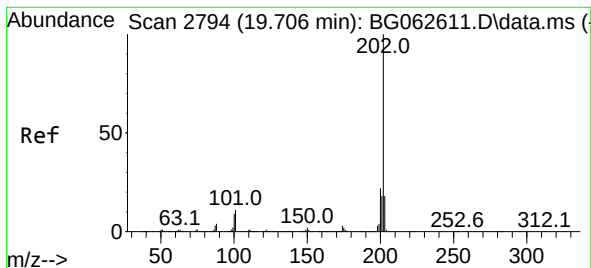
Ion Ratio Lower Upper

184 100

185 14.9 11.0 16.6

183 5.6 9.7 14.5#





#78

Pyrene

Concen: 2.740 ng

RT: 19.694 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

Instrument :

BNA_G

ClientSampleId :

WC-C2-COMP

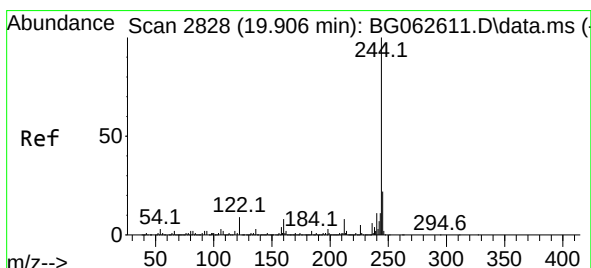
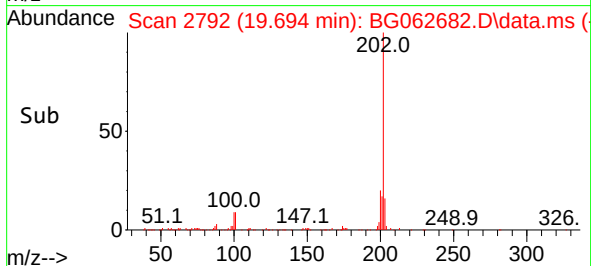
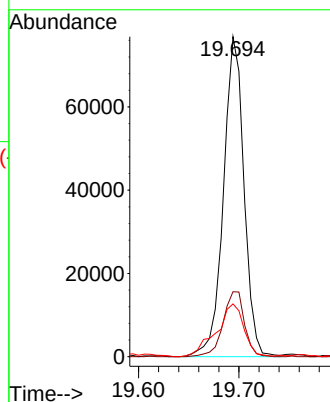
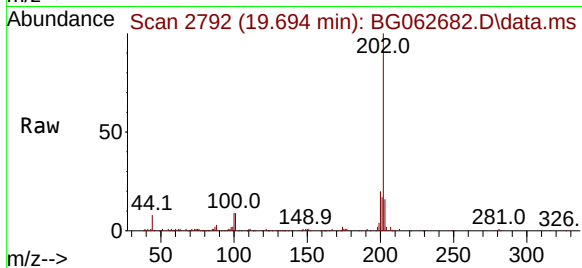
Tgt Ion:202 Resp: 109168

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

203 16.5 14.1 21.1



#79

Terphenyl-d14

Concen: 58.567 ng

RT: 19.900 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BG062682.D

Acq: 6 Sep 2024 15:42

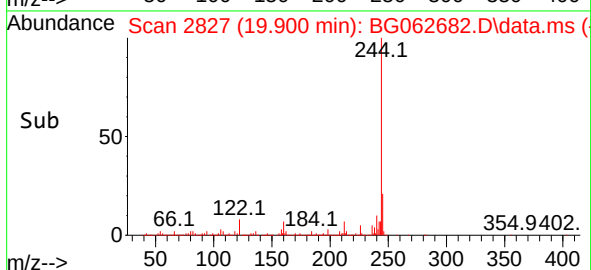
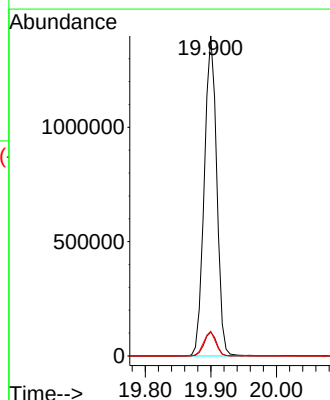
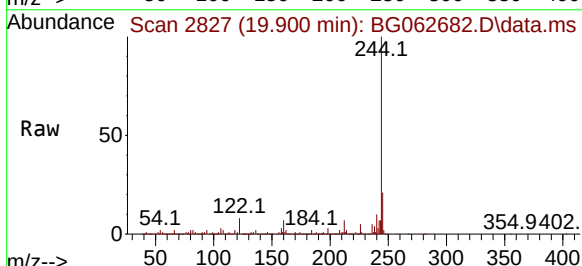
Tgt Ion:244 Resp: 1851472

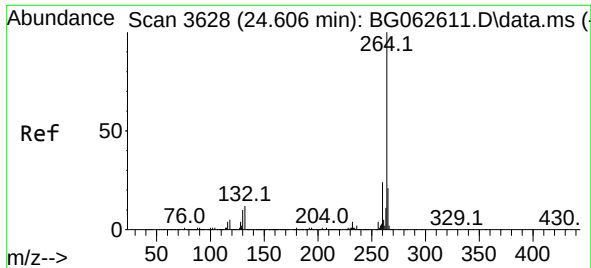
Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

122 7.7 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.588 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG062682.D
Acq: 6 Sep 2024 15:42

Instrument :
BNA_G
ClientSampleId :
WC-C2-COMP

Tgt Ion:264 Resp: 736186
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 20.8 17.3 25.9

