

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064068.D
 Acq On : 7 Mar 2025 21:03
 Operator : RC/JU
 Sample : Q1514-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-GW01

Quant Time: Mar 07 22:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

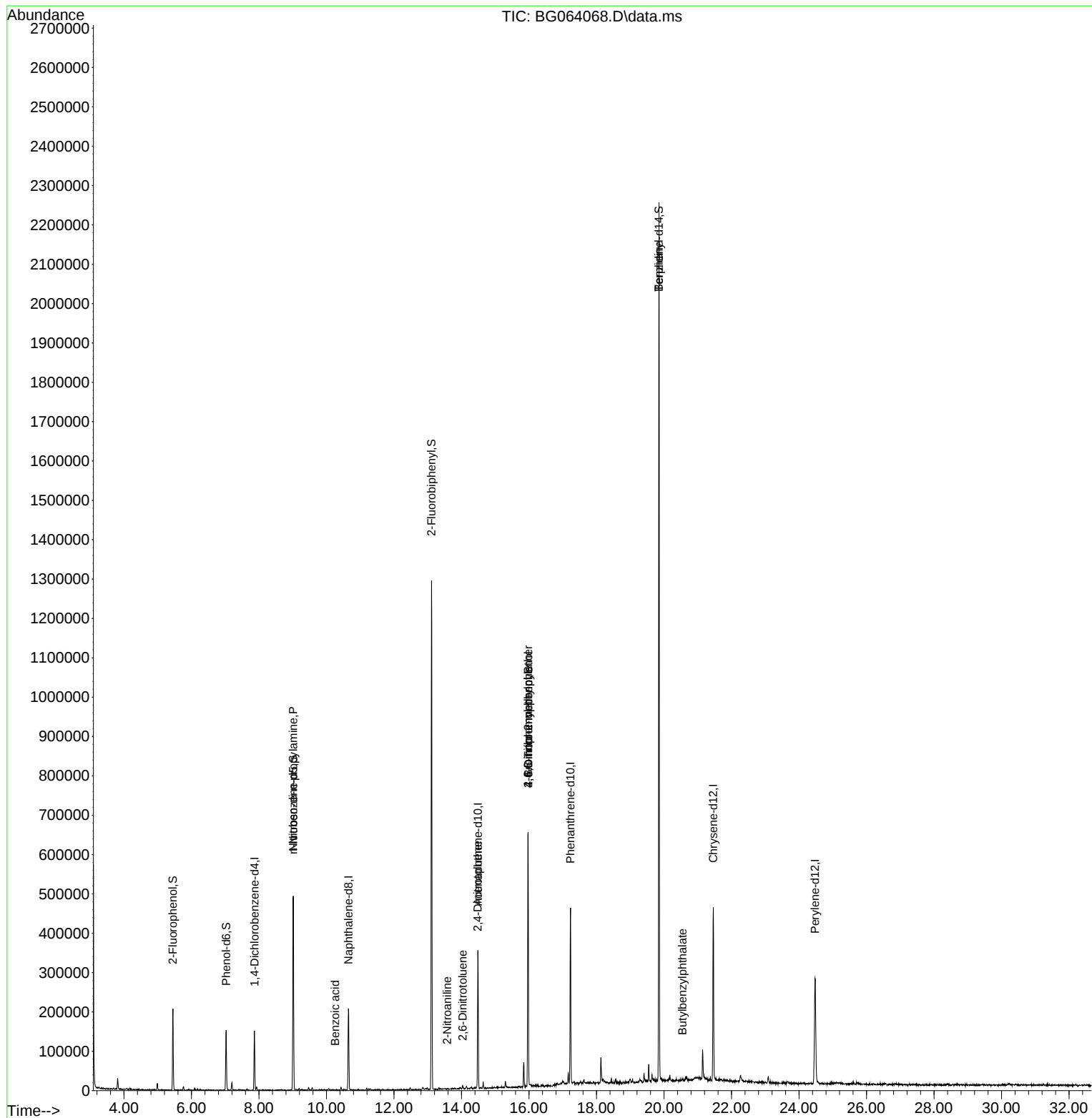
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	34746	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	161327	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	115460	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	254589	20.000	ng	0.00
76) Chrysene-d12	21.460	240	250403	20.000	ng	0.00
86) Perylene-d12	24.474	264	270468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	75993	34.150	ng	0.00
7) Phenol-d6	7.024	99	72325	23.892	ng	0.00
23) Nitrobenzene-d5	9.016	82	262742	90.001	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	108106	84.233	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	610439	80.251	ng	0.00
79) Terphenyl-d14	19.850	244	1005608	81.203	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	35177	16.558	ng	# 75
32) Benzoic acid	10.256	122	68	8.724	ng	# 1
48) 2-Nitroaniline	13.575	65	92	3.260	ng	# 11
51) 2,6-Dinitrotoluene	14.034	165	634	3.698	ng	# 41
57) 2,4-Dinitrotoluene	14.480	165	16066	9.868	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.973	198	331	8.428	ng	# 1
67) 4-Bromophenyl-phenylether	15.973	248	8025	3.078	ng	# 1
77) Benzidine	19.850	184	18358	5.295	ng	# 76
80) Butylbenzylphthalate	20.544	149	672	3.740	ng	# 31

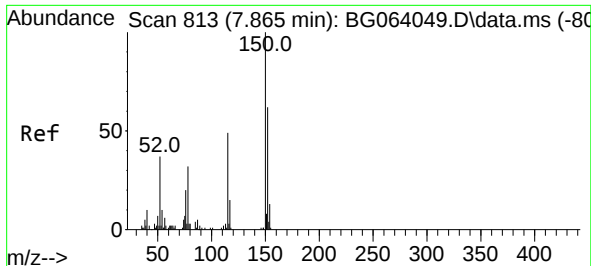
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064068.D
Acq On : 7 Mar 2025 21:03
Operator : RC/JU
Sample : Q1514-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

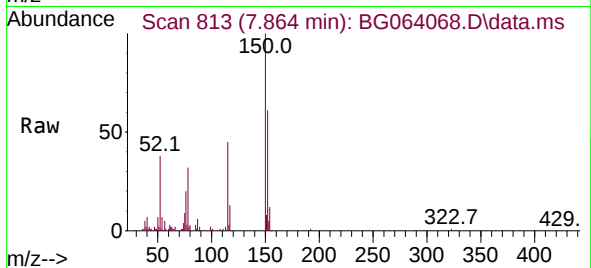
Quant Time: Mar 07 22:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



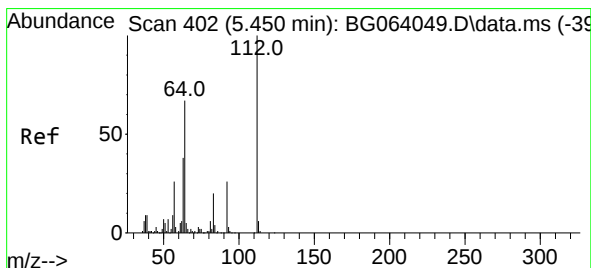
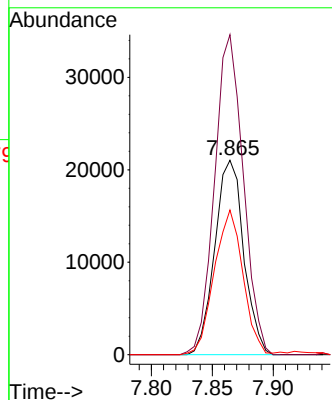
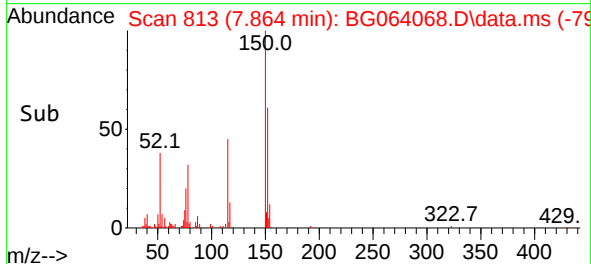


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

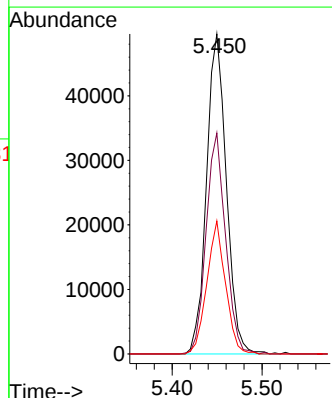
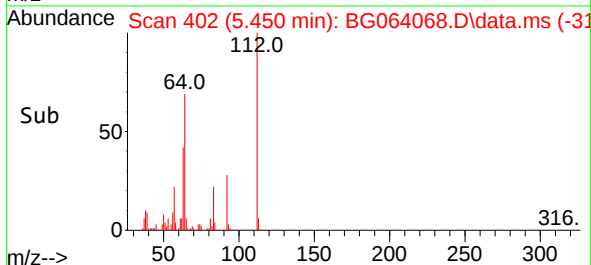
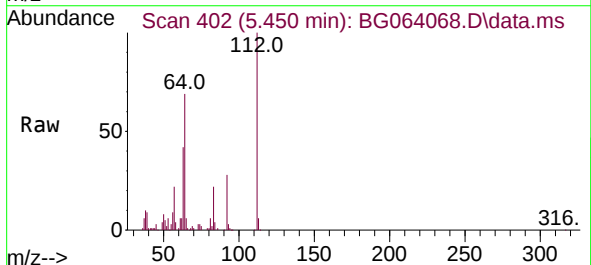


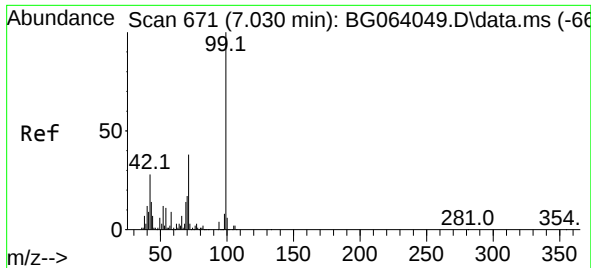
Tgt Ion:152 Resp: 34746
Ion Ratio Lower Upper
152 100
150 164.6 129.2 193.8
115 74.4 63.0 94.6



#5
2-Fluorophenol
Concen: 34.150 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:112 Resp: 75993
Ion Ratio Lower Upper
112 100
64 69.1 53.7 80.5
63 41.6 30.2 45.4

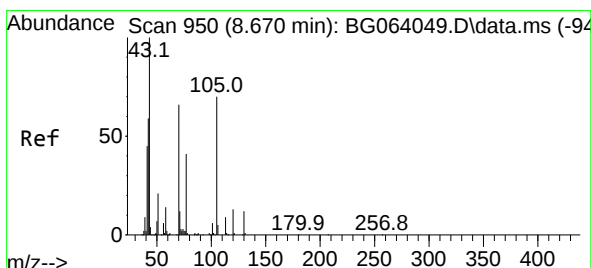
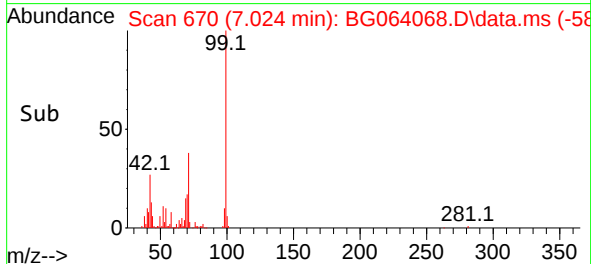
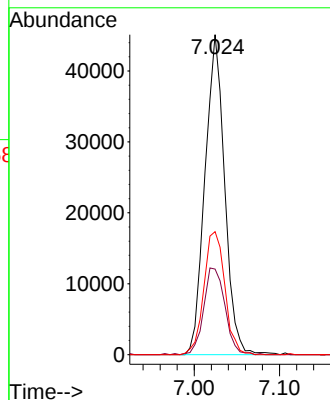
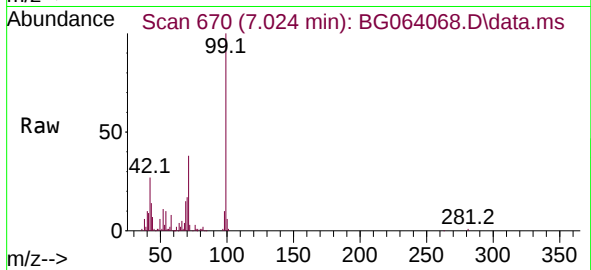




#7
Phenol-d6
Concen: 23.892 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

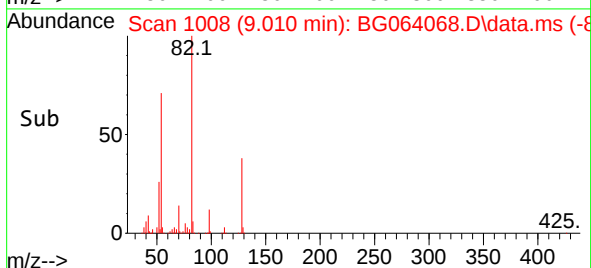
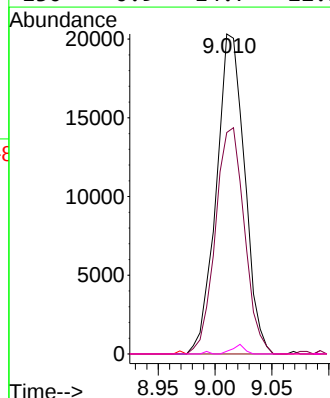
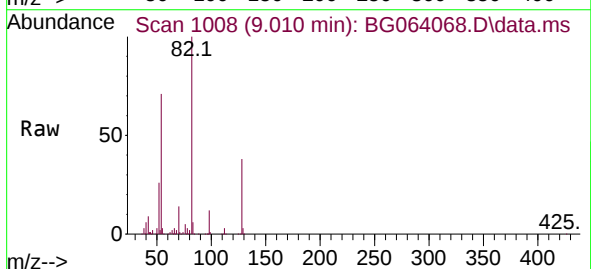
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

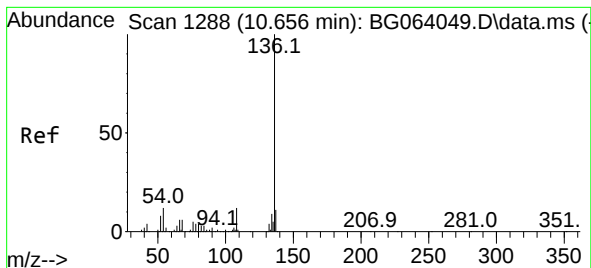
Tgt Ion: 99 Resp: 72325
Ion Ratio Lower Upper
99 100
42 26.8 22.7 34.1
71 38.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.558 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion: 70 Resp: 35177
Ion Ratio Lower Upper
70 100
42 69.2 72.1 108.1#
101 0.0 7.2 10.8#
130 0.9 14.7 22.1#

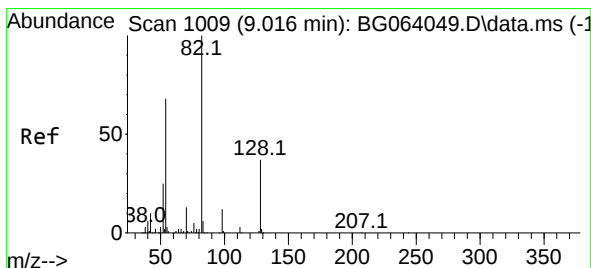
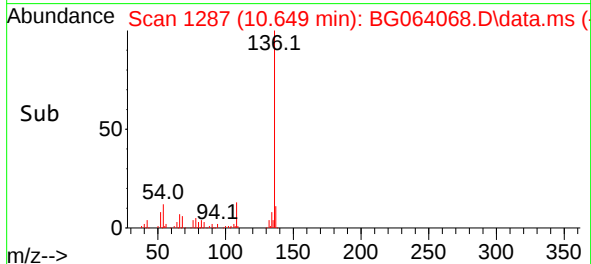
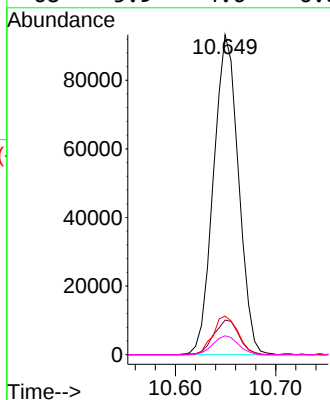
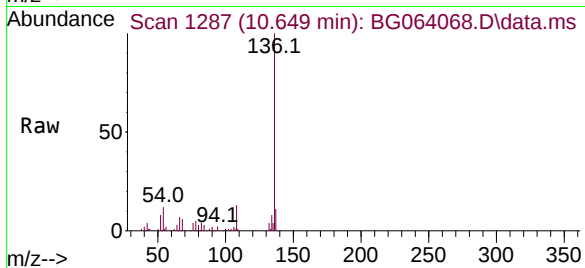




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

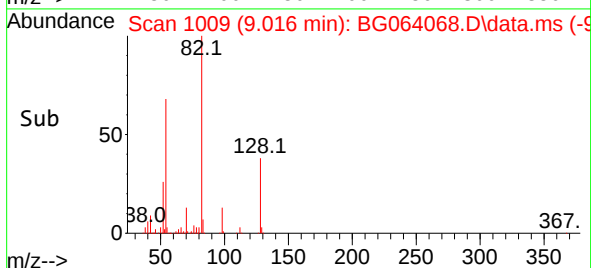
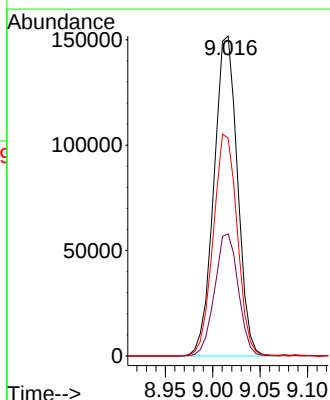
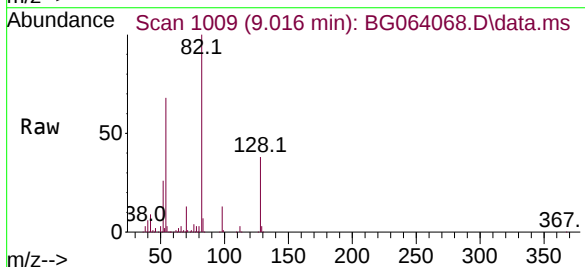
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

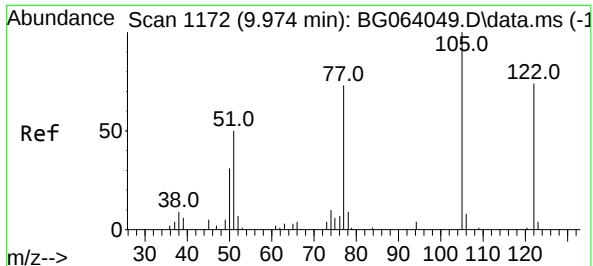
Tgt Ion:136 Resp: 161327
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.1 9.9 14.9
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.001 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion: 82 Resp: 262742
Ion Ratio Lower Upper
82 100
128 38.1 30.0 45.0
54 68.0 54.7 82.1

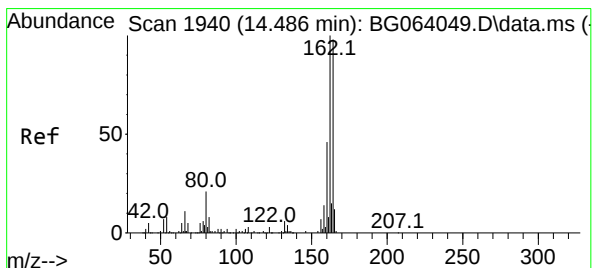
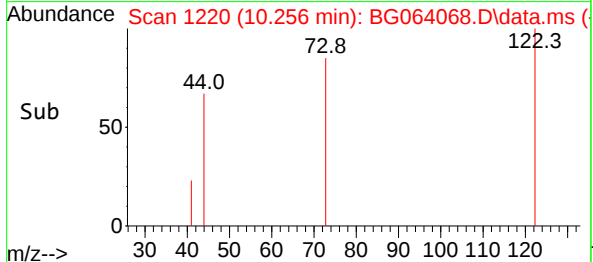
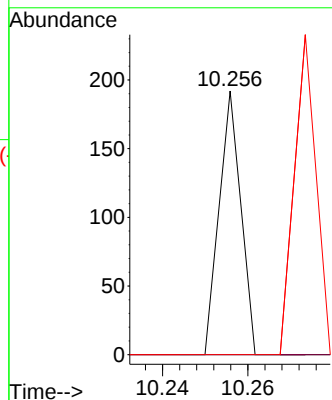
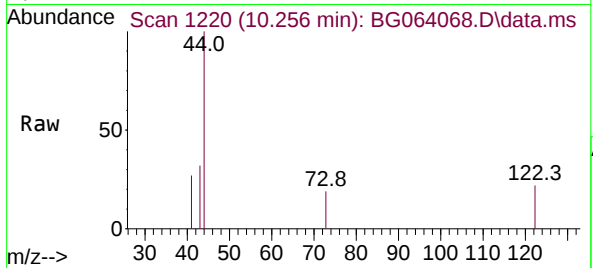




#32
Benzoic acid
Concen: 8.724 ng
RT: 10.256 min Scan# 1172
Delta R.T. 0.282 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

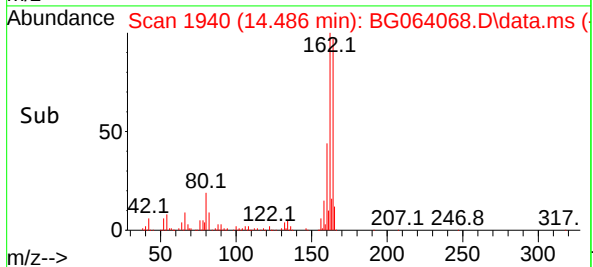
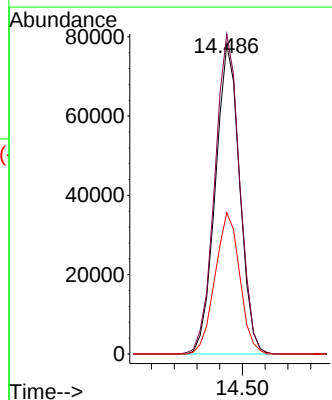
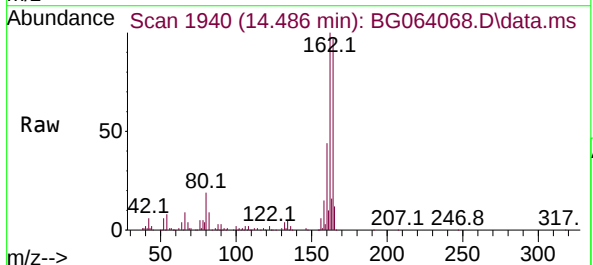
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

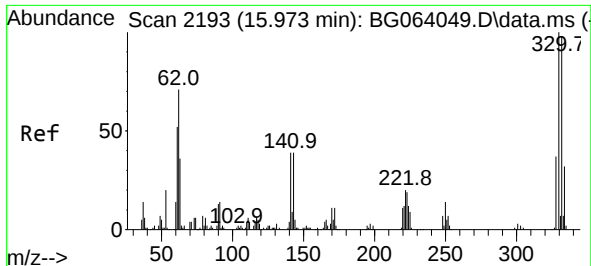
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:164 Resp: 115460
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 45.6 37.0 55.6

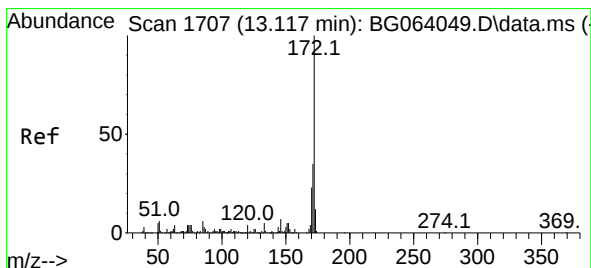
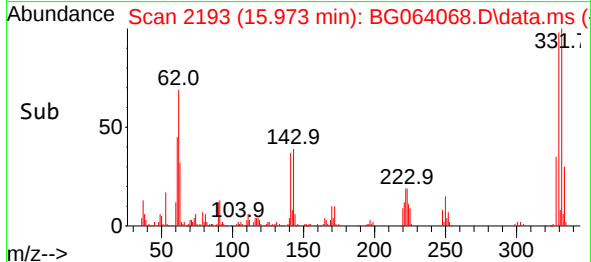
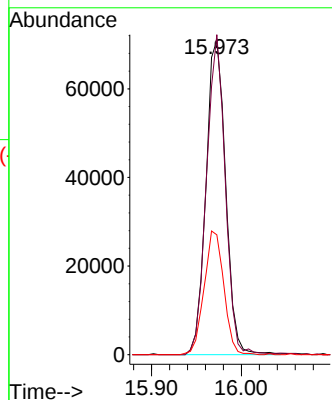
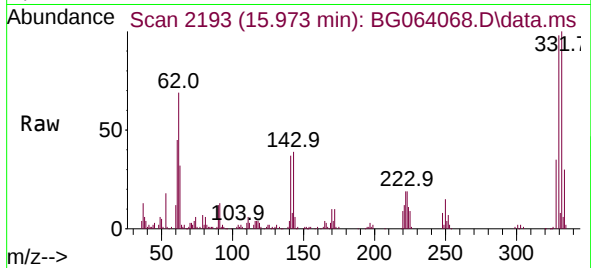




#42
 2,4,6-Tribromophenol
 Concen: 84.233 ng
 RT: 15.973 min Scan# 2193
 Delta R.T. -0.000 min
 Lab File: BG064068.D
 Acq: 7 Mar 2025 21:03

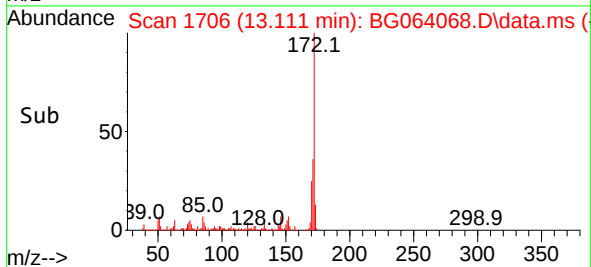
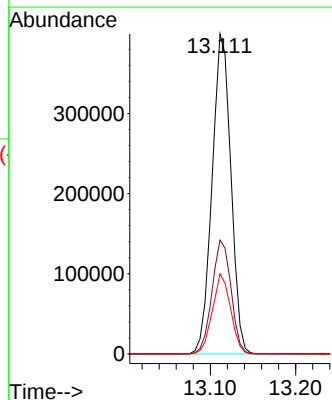
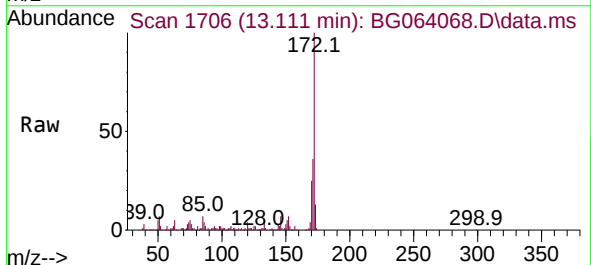
Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-GW01

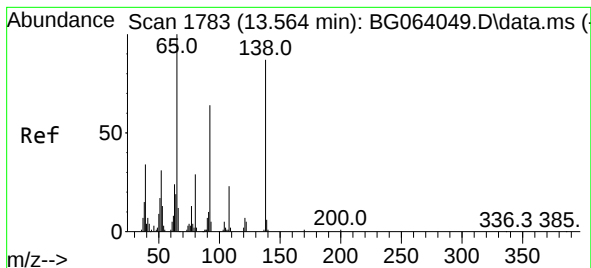
Tgt Ion:330 Resp: 108106
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 39.3 29.7 44.5



#45
 2-Fluorobiphenyl
 Concen: 80.251 ng
 RT: 13.111 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BG064068.D
 Acq: 7 Mar 2025 21:03

Tgt Ion:172 Resp: 610439
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.0 42.0
 170 25.1 18.7 28.1





#48

2-Nitroaniline

Concen: 3.260 ng

RT: 13.575 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

Instrument :

BNA_G

ClientSampleId :

ENV-103-GW01

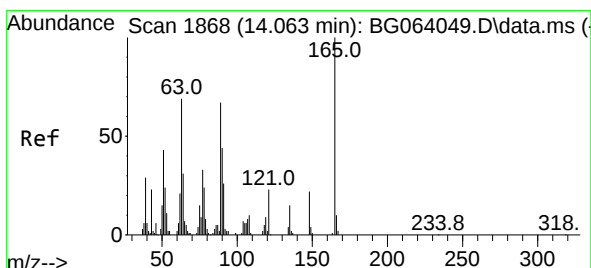
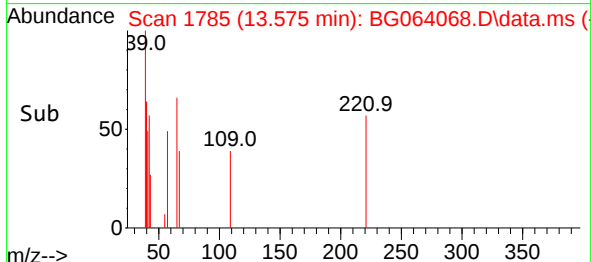
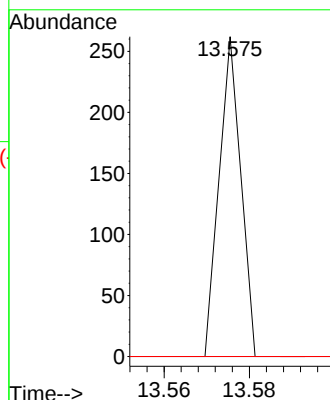
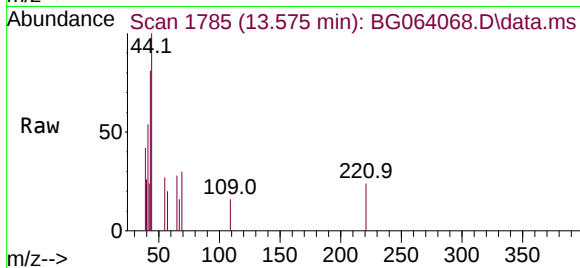
Tgt Ion: 65 Resp: 92

Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#



#51

2,6-Dinitrotoluene

Concen: 3.698 ng

RT: 14.034 min Scan# 1863

Delta R.T. -0.029 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

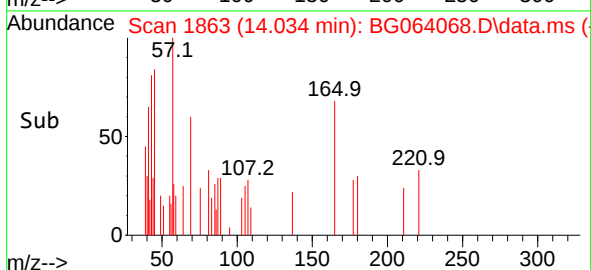
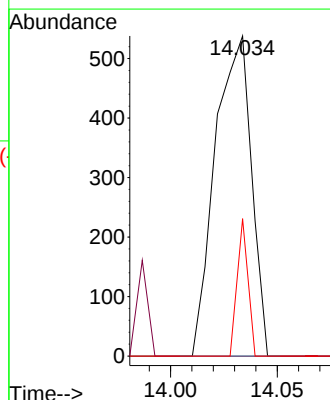
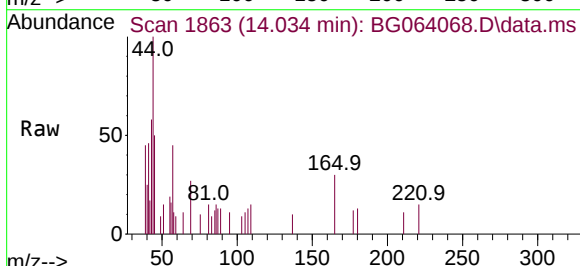
Tgt Ion:165 Resp: 634

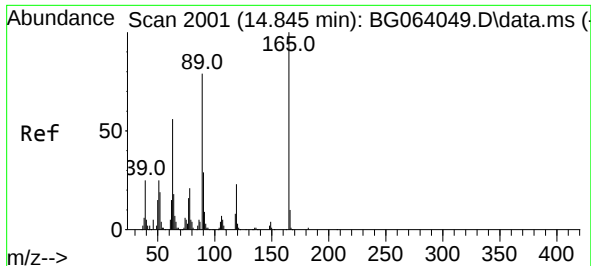
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

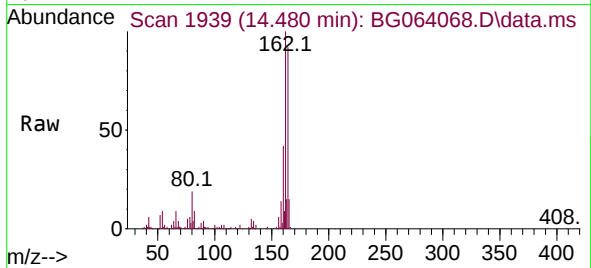
89 42.9 53.7 80.5#



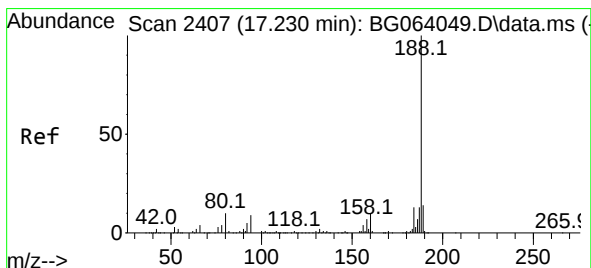
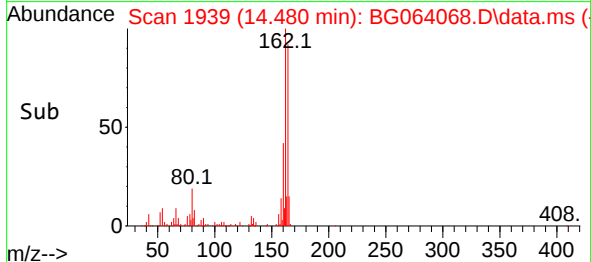
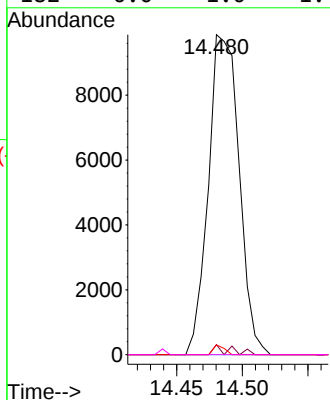


#57
2,4-Dinitrotoluene
Concen: 9.868 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.365 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

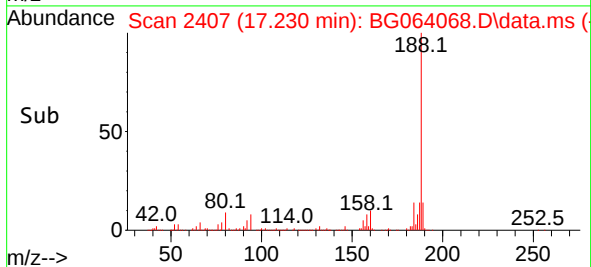
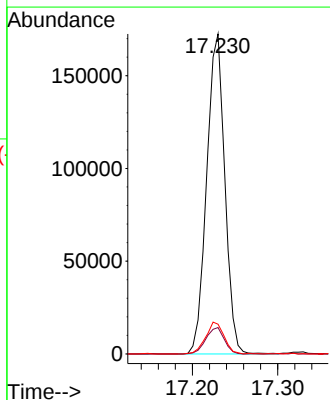
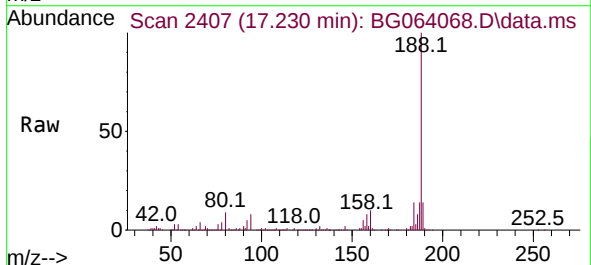


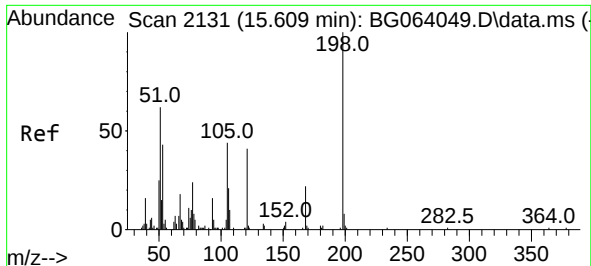
Tgt Ion:165 Resp: 16066
Ion Ratio Lower Upper
165 100
63 3.1 45.0 67.6#
89 3.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:188 Resp: 254589
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.3 8.1 12.1

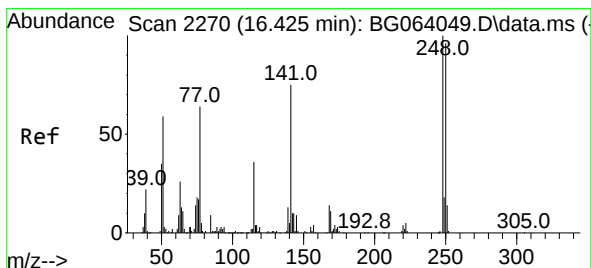
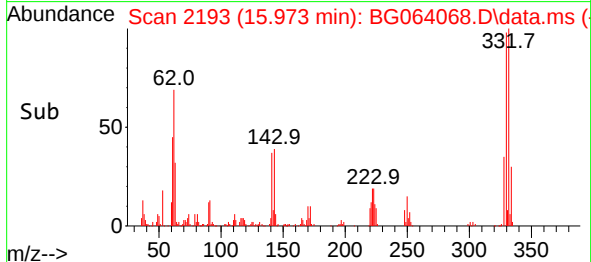
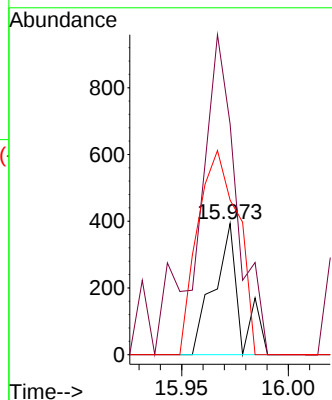
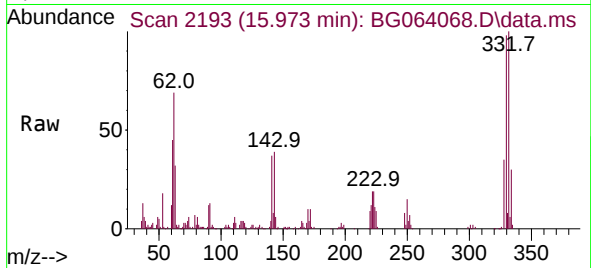




#65
4,6-Dinitro-2-methylphenol
Concen: 8.428 ng
RT: 15.973 min Scan# 2131
Delta R.T. 0.364 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

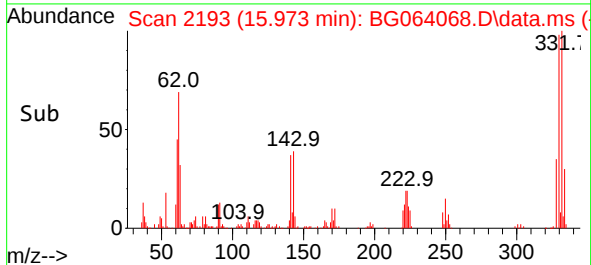
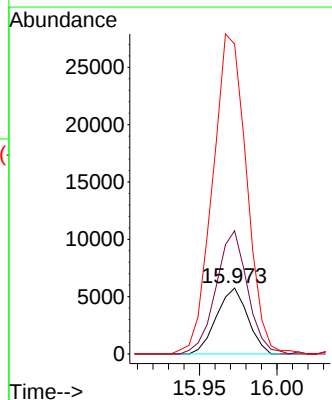
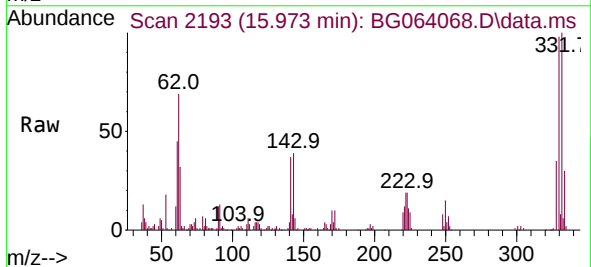
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

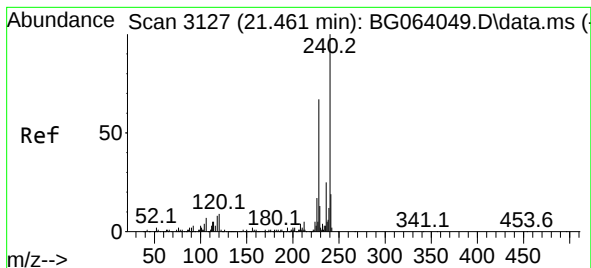
Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 175.8 45.6 85.6#
105 117.8 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 3.078 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:248 Resp: 8025
Ion Ratio Lower Upper
248 100
250 187.2 77.1 115.7#
141 470.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.460 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

Instrument :

BNA_G

ClientSampleId :

ENV-103-GW01

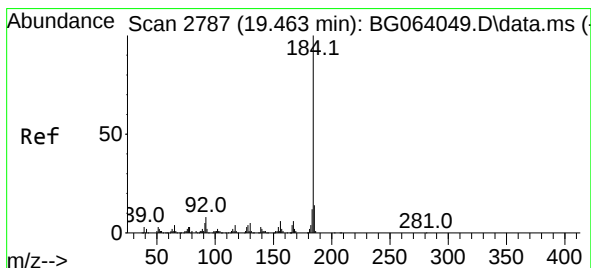
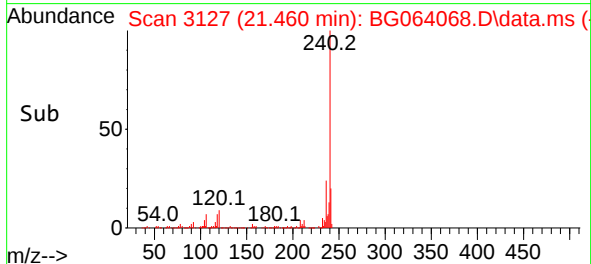
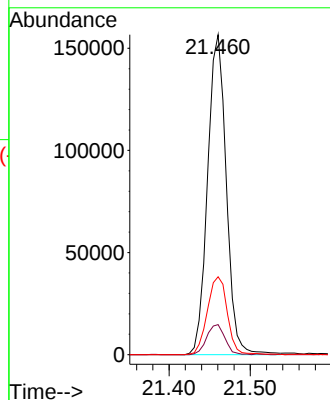
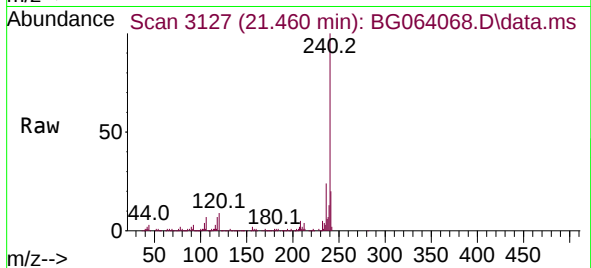
Tgt Ion:240 Resp: 250403

Ion Ratio Lower Upper

240 100

120 9.4 7.2 10.8

236 24.4 20.2 30.2



#77

Benzidine

Concen: 5.295 ng

RT: 19.850 min Scan# 2853

Delta R.T. 0.387 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

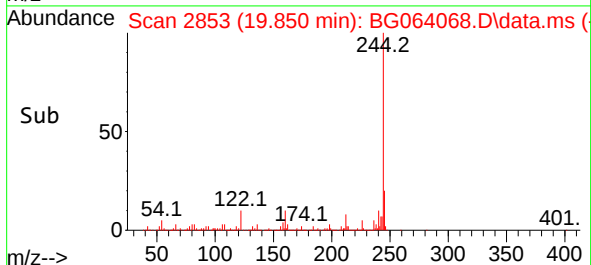
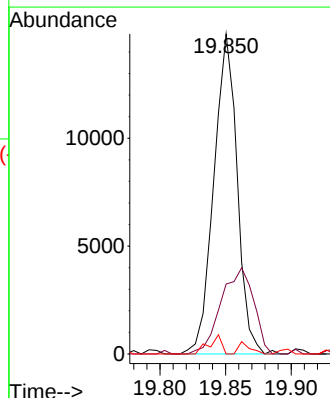
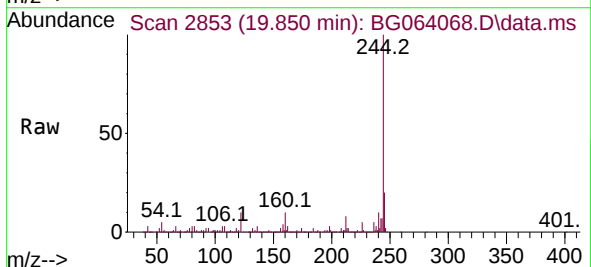
Tgt Ion:184 Resp: 18358

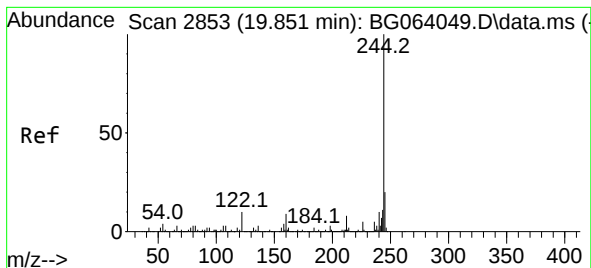
Ion Ratio Lower Upper

184 100

185 21.9 11.3 16.9#

183 0.0 9.5 14.3#





#79

Terphenyl-d14

Concen: 81.203 ng

RT: 19.850 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

Instrument :

BNA_G

ClientSampleId :

ENV-103-GW01

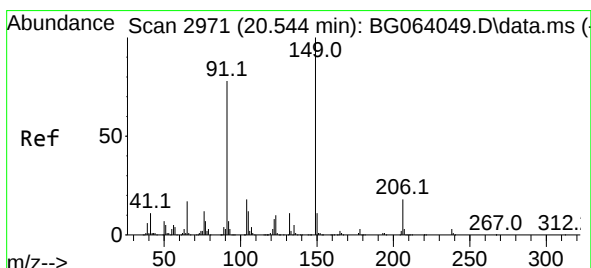
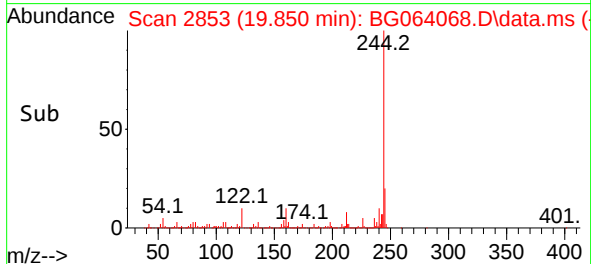
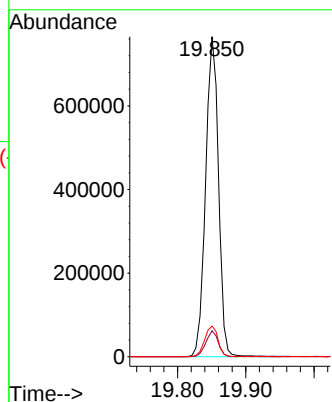
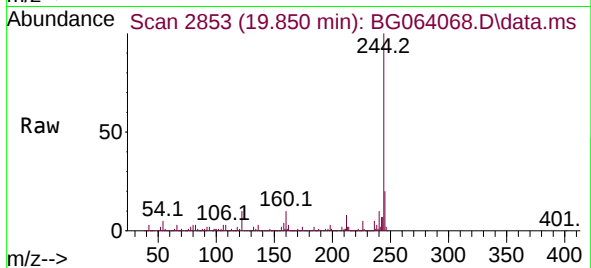
Tgt Ion:244 Resp: 1005608

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 9.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.740 ng

RT: 20.544 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG064068.D

Acq: 7 Mar 2025 21:03

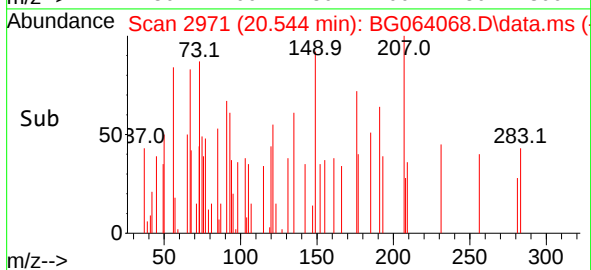
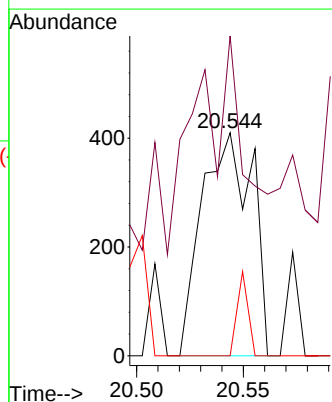
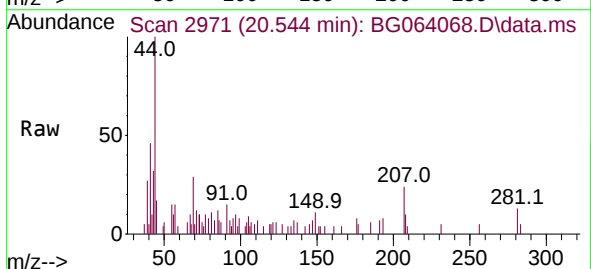
Tgt Ion:149 Resp: 672

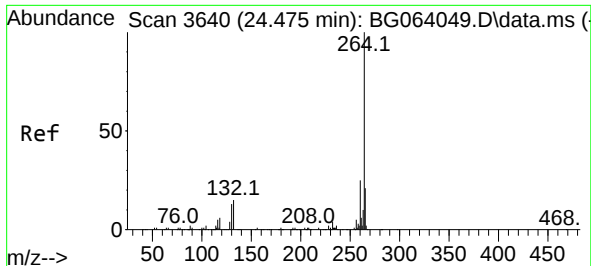
Ion Ratio Lower Upper

149 100

91 143.4 62.0 93.0#

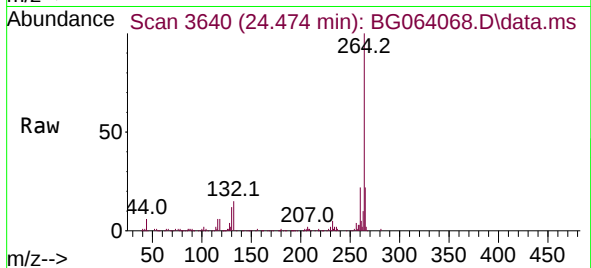
206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG064068.D
 Acq: 7 Mar 2025 21:03

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-GW01



Tgt Ion:264 Resp: 270468
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 22.4 16.6 25.0

