

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064078.D
 Acq On : 10 Mar 2025 13:03
 Operator : RC/JU
 Sample : Q1488-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB01

Quant Time: Mar 10 14:39:34 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)

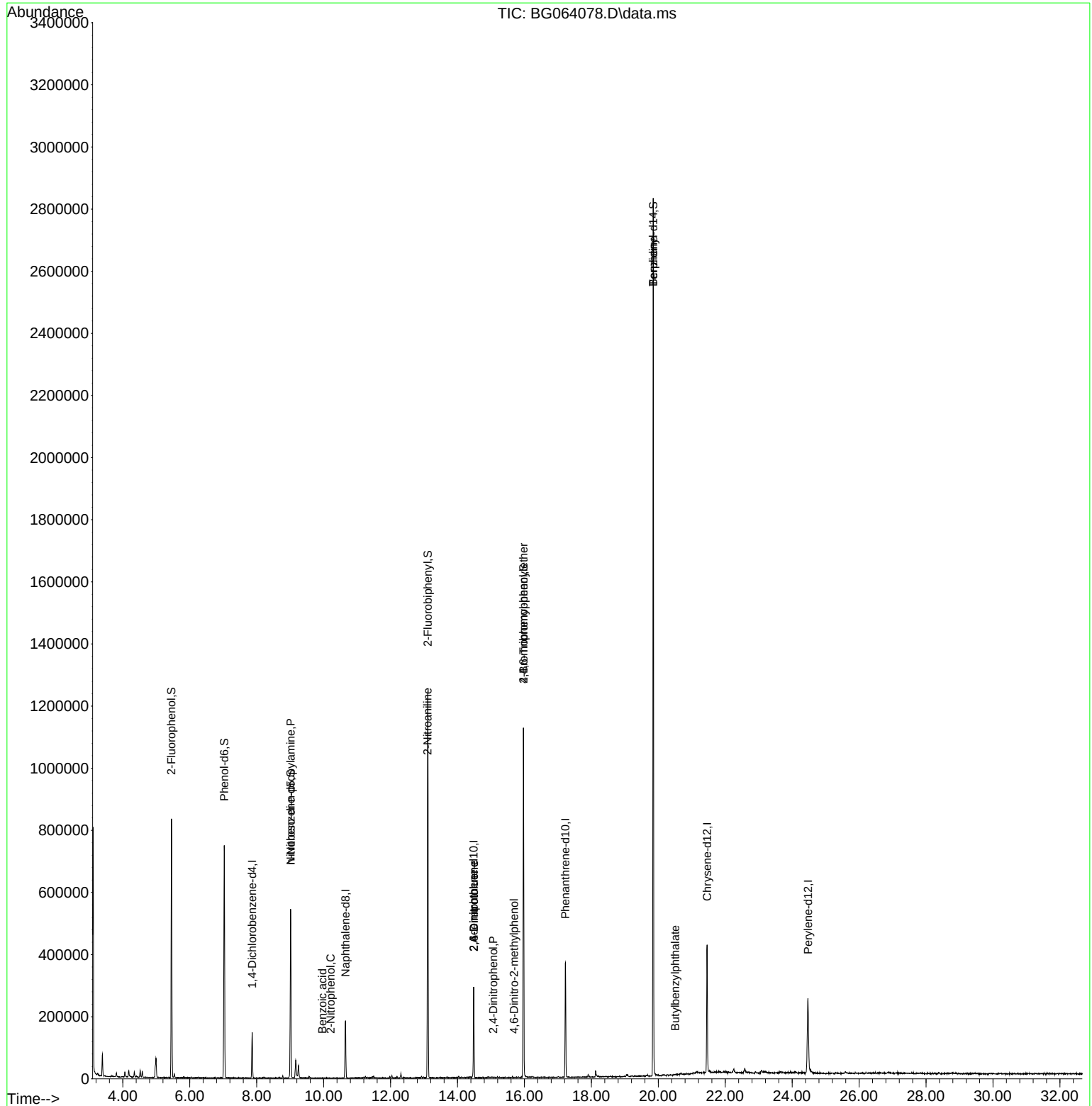
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	35165	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	144374	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	92311	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	221718	20.000	ng	0.00
76) Chrysene-d12	21.457	240	232567	20.000	ng	0.00
86) Perylene-d12	24.472	264	240035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	310073	137.683	ng	0.00
7) Phenol-d6	7.027	99	365905	119.432	ng	0.00
23) Nitrobenzene-d5	9.013	82	285483	109.274	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	183023	178.367	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	617599	101.553	ng	0.00
79) Terphenyl-d14	19.848	244	1245450	108.283	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.013	70	38299	17.813	ng	# 82
26) 2-Nitrophenol	10.212	139	57	3.350	ng	# 26
32) Benzoic acid	9.959	122	57	8.722	ng	# 44
48) 2-Nitroaniline	13.102	65	1339	4.063	ng	# 3
51) 2,6-Dinitrotoluene	14.489	165	13059	12.143	ng	# 17
54) 2,4-Dinitrophenol	15.065	184	75	7.999	ng	# 15
57) 2,4-Dinitrotoluene	14.489	165	13059	9.972	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.688	198	65	8.235	ng	# 23
67) 4-Bromophenyl-phenylether	15.970	248	12599	5.548	ng	# 1
77) Benzidine	19.848	184	23678	7.353	ng	# 91
80) Butylbenzylphthalate	20.506	149	59	3.647	ng	# 72

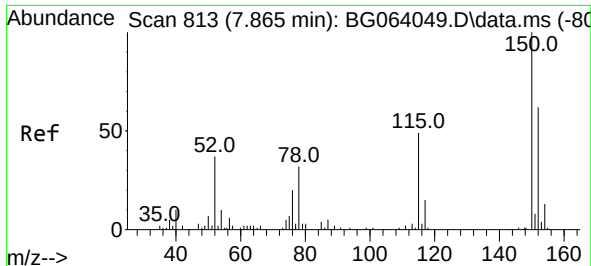
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
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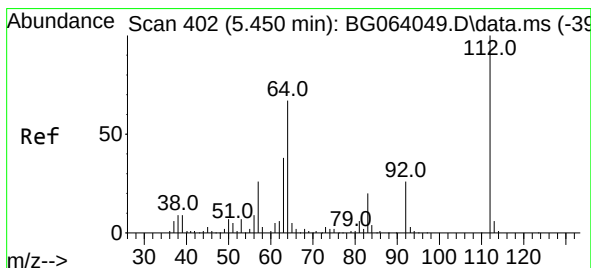
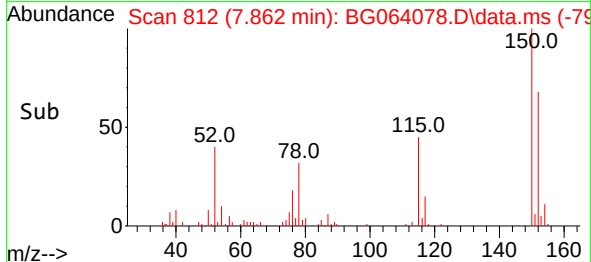
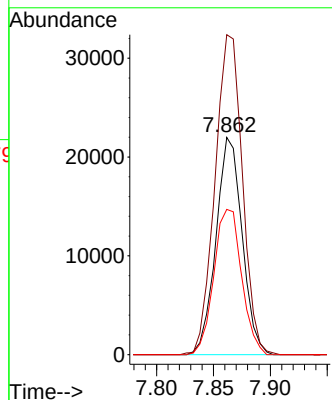
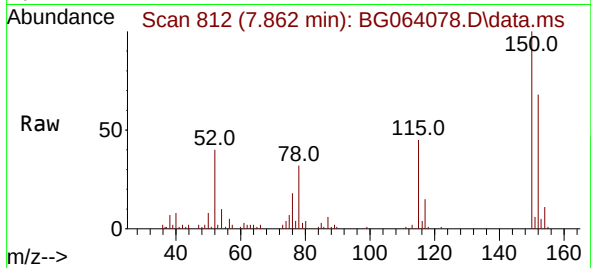




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

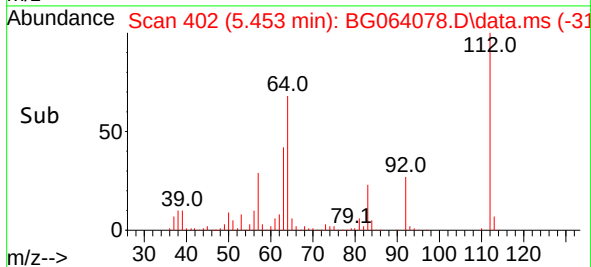
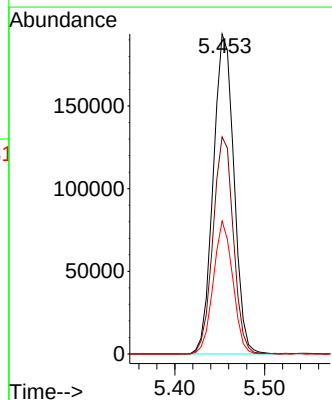
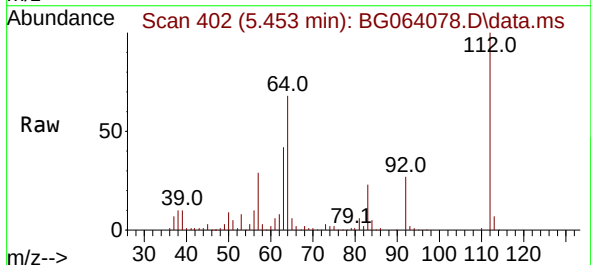
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

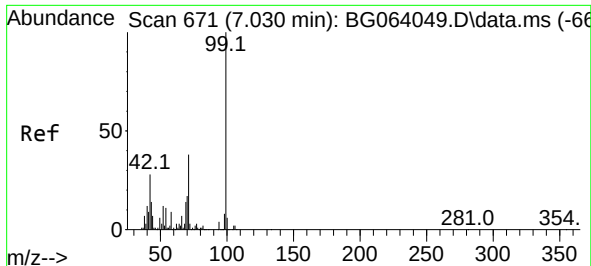
Tgt Ion:152 Resp: 35165
Ion Ratio Lower Upper
152 100
150 147.3 129.2 193.8
115 66.9 63.0 94.6



#5
2-Fluorophenol
Concen: 137.683 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:112 Resp: 310073
Ion Ratio Lower Upper
112 100
64 67.9 53.7 80.5
63 41.6 30.2 45.4

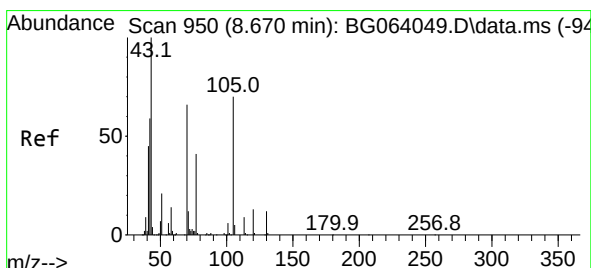
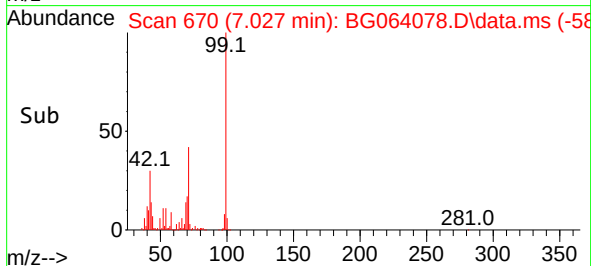
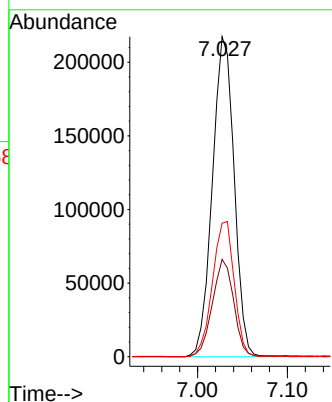
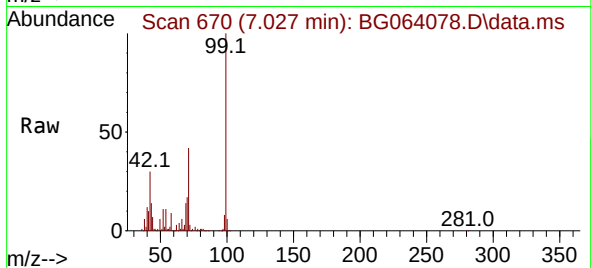




#7
Phenol-d6
Concen: 119.432 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

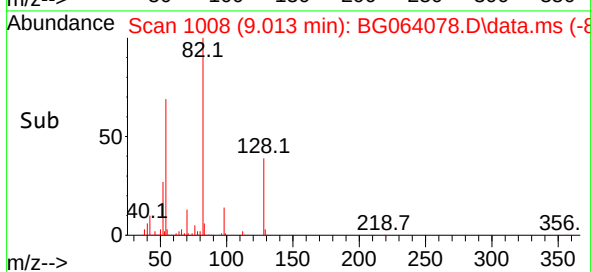
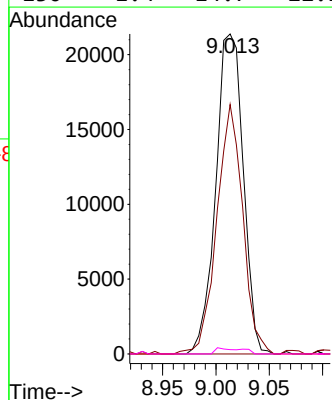
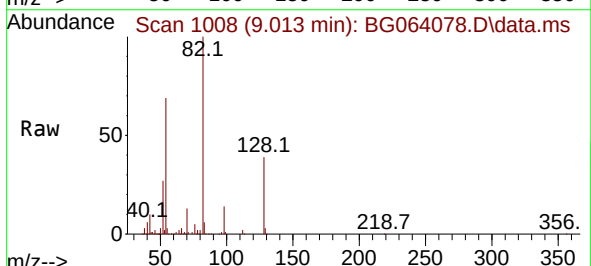
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

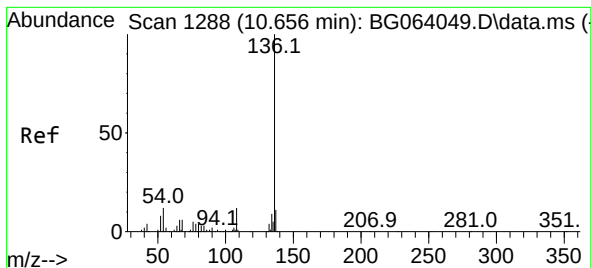
Tgt Ion: 99 Resp: 365905
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 41.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.813 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.344 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion: 70 Resp: 38299
Ion Ratio Lower Upper
70 100
42 77.9 72.1 108.1
101 0.0 7.2 10.8#
130 1.4 14.7 22.1#

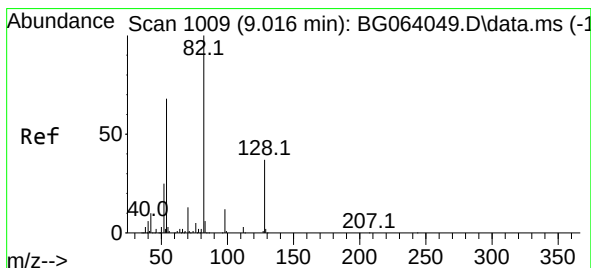
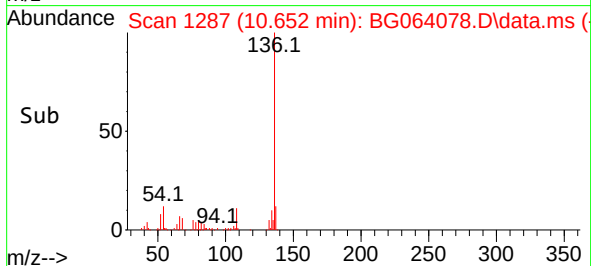
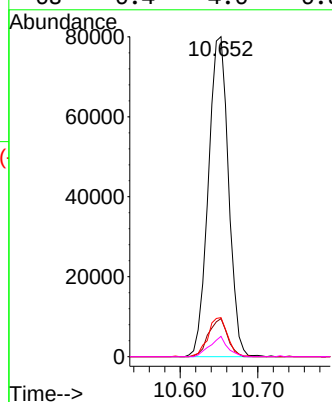
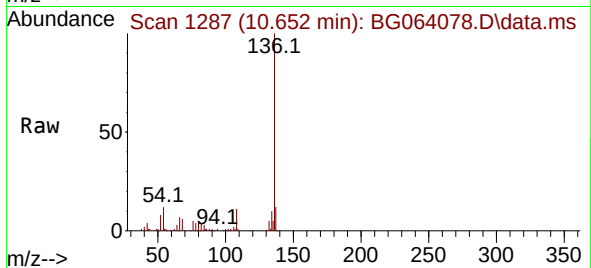




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

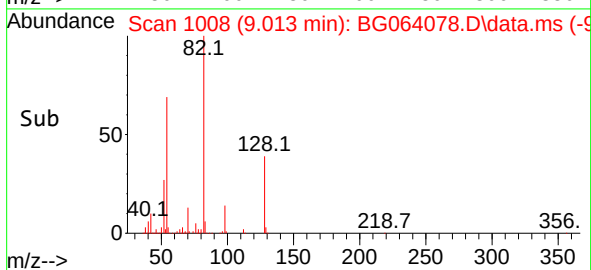
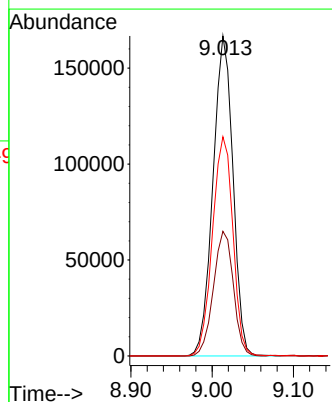
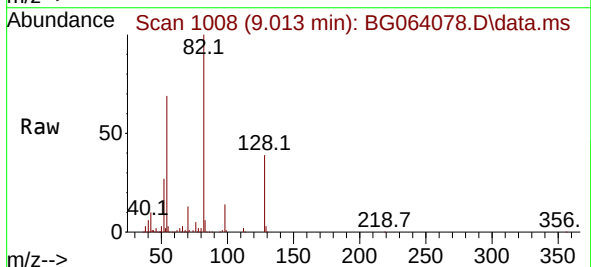
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

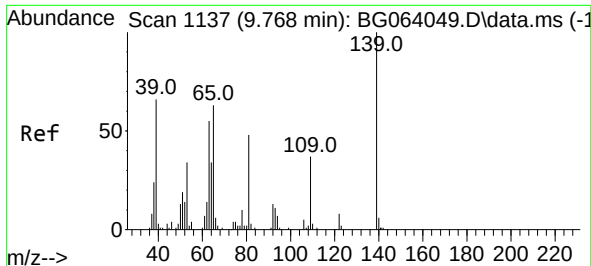
Tgt Ion:	136	Resp:	144374
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.5	12.7
54	12.2	9.9	14.9
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 109.274 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:	82	Resp:	285483
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.0	45.0
54	68.5	54.7	82.1

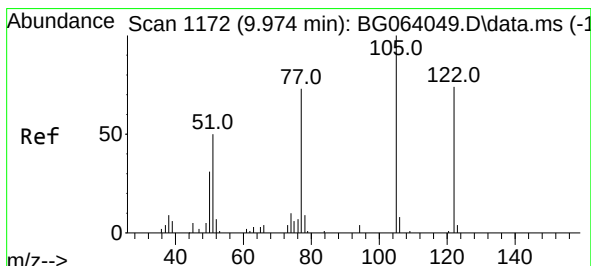
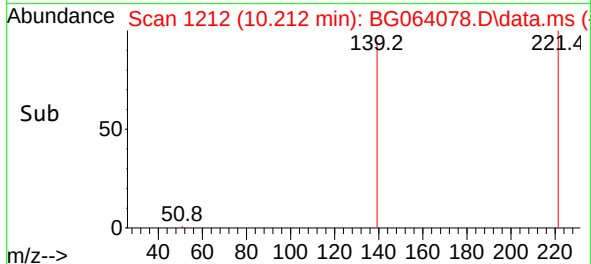
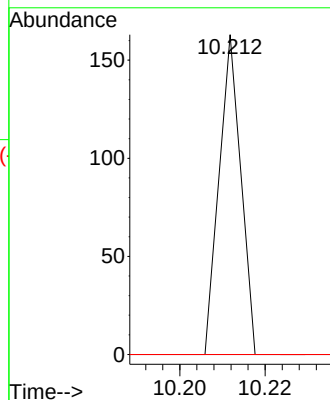
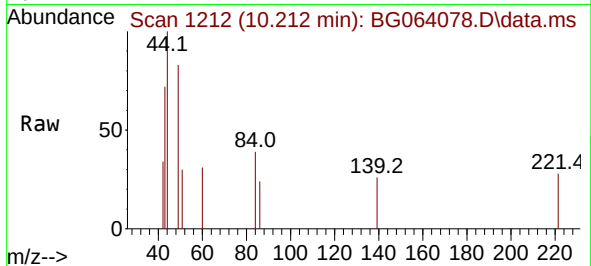




#26
2-Nitrophenol
Concen: 3.350 ng
RT: 10.212 min Scan# 1169
Delta R.T. 0.444 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

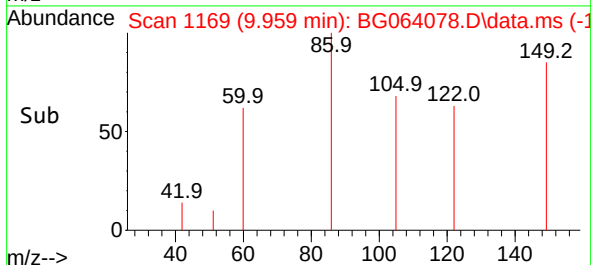
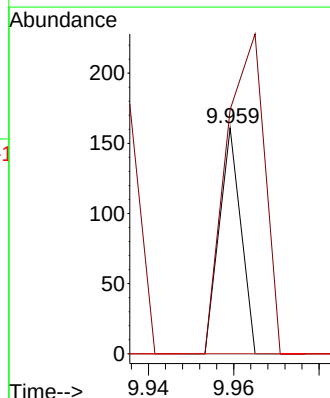
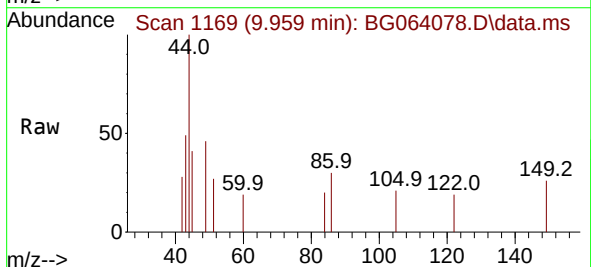
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

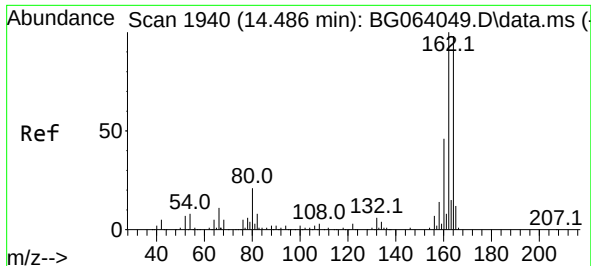
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.722 ng
RT: 9.959 min Scan# 1169
Delta R.T. -0.015 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 108.1 115.0 155.0#
77 0.0 80.9 120.9#

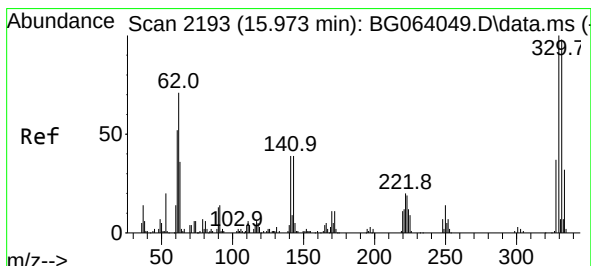
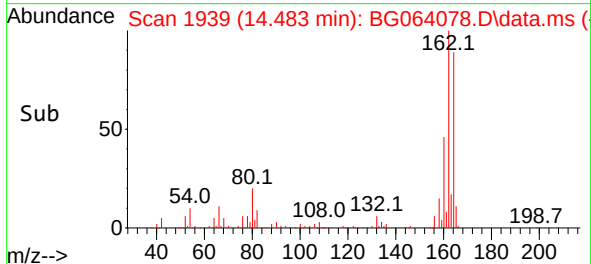
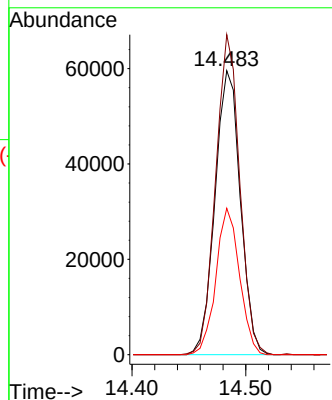
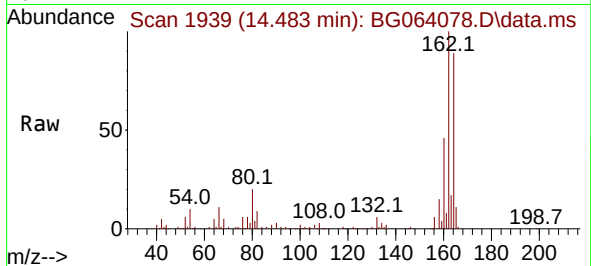




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

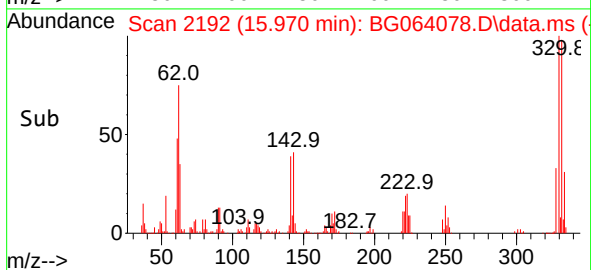
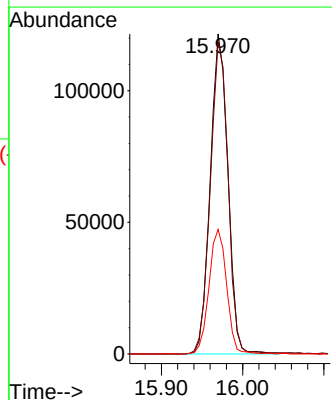
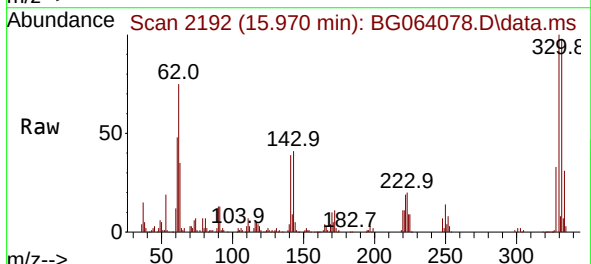
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

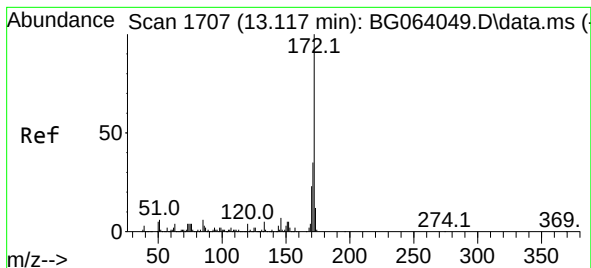
Tgt Ion:164 Resp: 92311
Ion Ratio Lower Upper
164 100
162 112.7 81.4 122.0
160 51.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 178.367 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:330 Resp: 183023
Ion Ratio Lower Upper
330 100
332 98.2 76.7 115.1
141 38.8 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 101.553 ng

RT: 13.114 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064078.D

Acq: 10 Mar 2025 13:03

Instrument :

BNA_G

ClientSampleId :

ENV-102-SB01

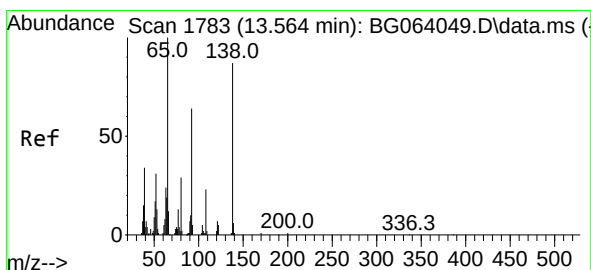
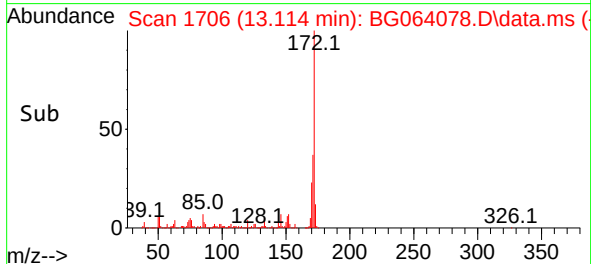
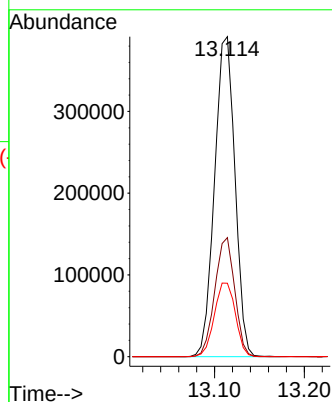
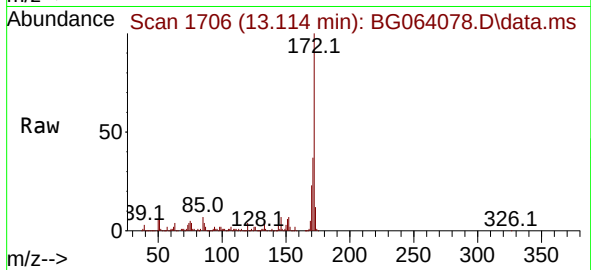
Tgt Ion:172 Resp: 617599

Ion Ratio Lower Upper

172 100

171 37.2 28.0 42.0

170 23.0 18.7 28.1



#48

2-Nitroaniline

Concen: 4.063 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.462 min

Lab File: BG064078.D

Acq: 10 Mar 2025 13:03

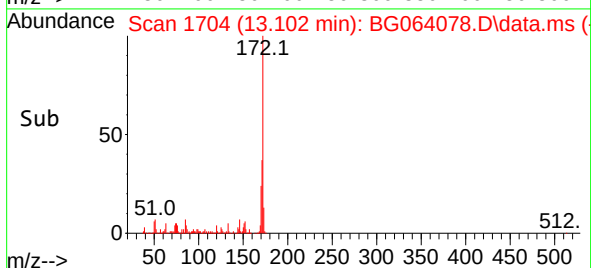
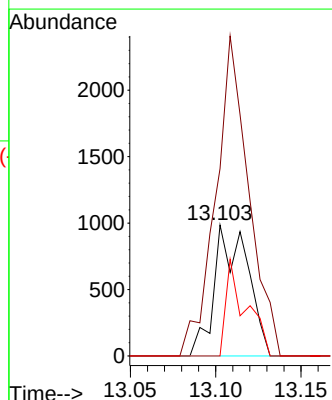
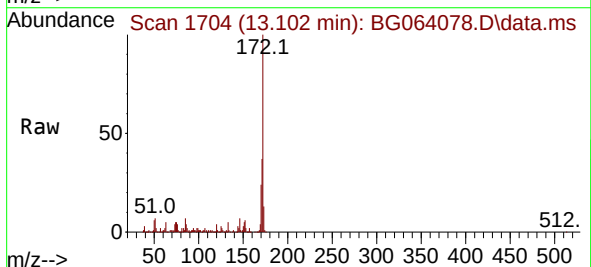
Tgt Ion: 65 Resp: 1339

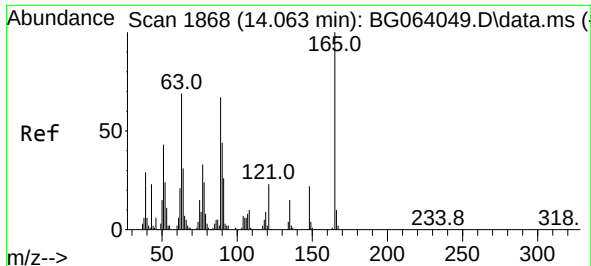
Ion Ratio Lower Upper

65 100

92 143.1 51.2 76.8#

138 0.0 69.4 104.2#

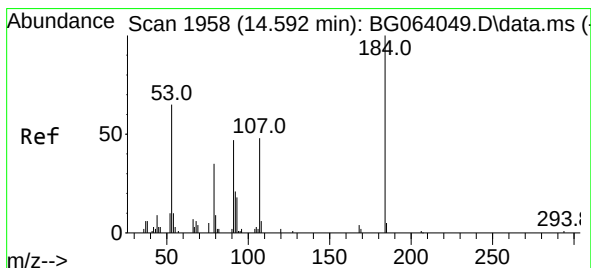
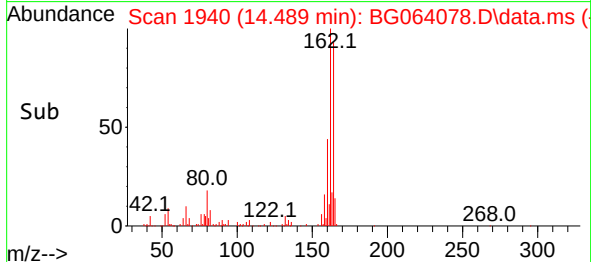
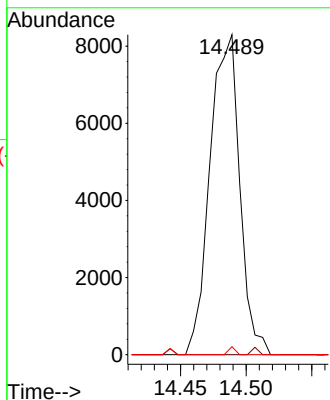
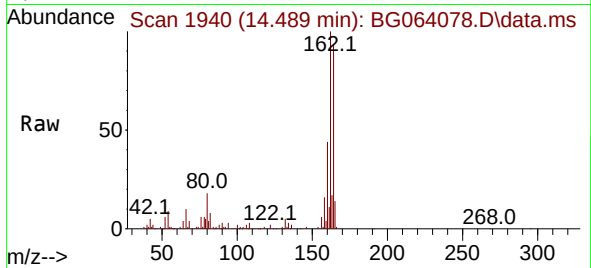




#51
2,6-Dinitrotoluene
Concen: 12.143 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.426 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

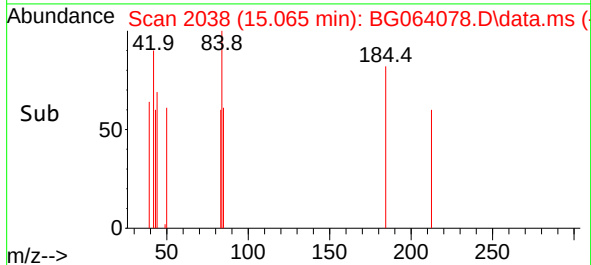
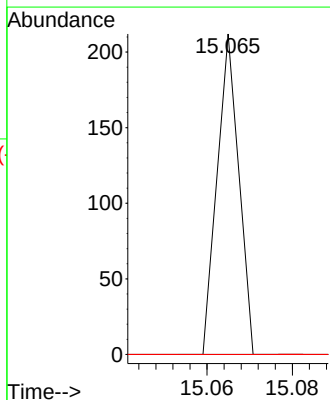
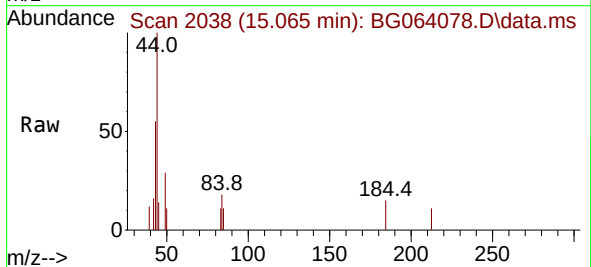
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

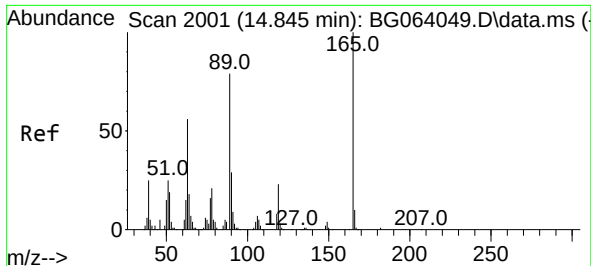
Tgt Ion:165 Resp: 13059
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 2.5 53.7 80.5#



#54
2,4-Dinitrophenol
Concen: 7.999 ng
RT: 15.065 min Scan# 2038
Delta R.T. 0.473 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#

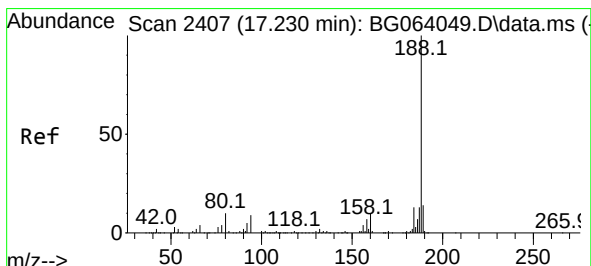
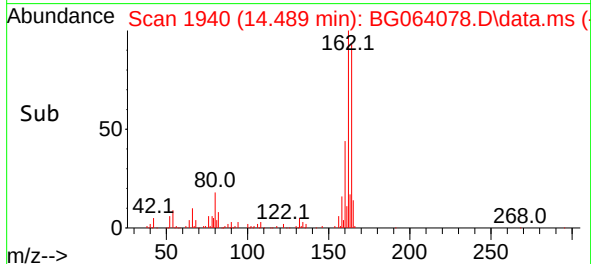
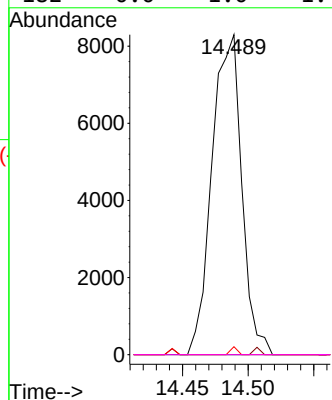
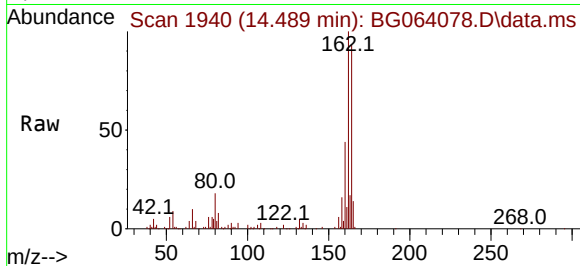




#57
2,4-Dinitrotoluene
Concen: 9.972 ng
RT: 14.489 min Scan# 1940
Delta R.T. -0.356 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

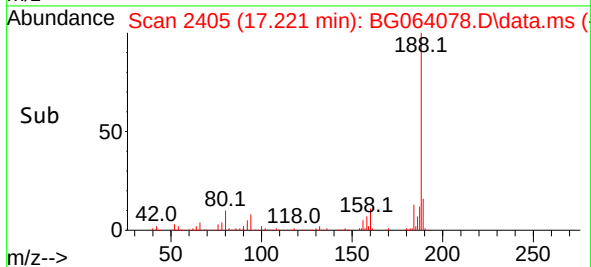
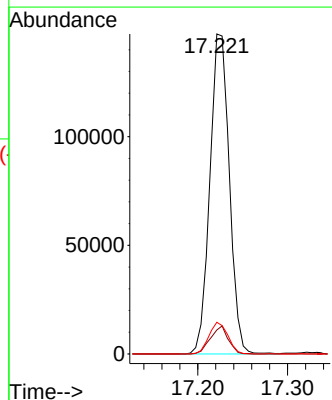
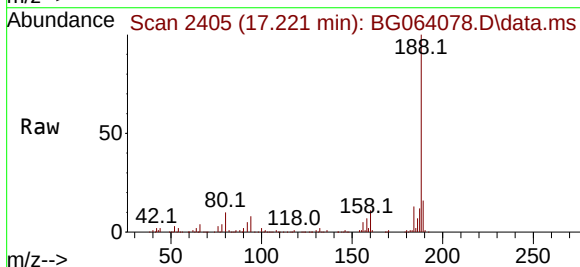
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

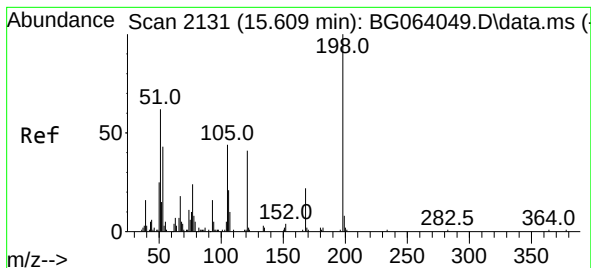
Tgt Ion:165 Resp: 13059
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 2.5 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:188 Resp: 221718
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.9 8.1 12.1

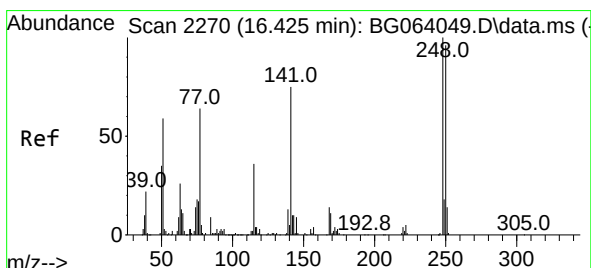
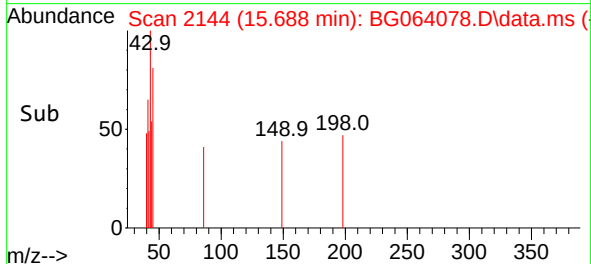
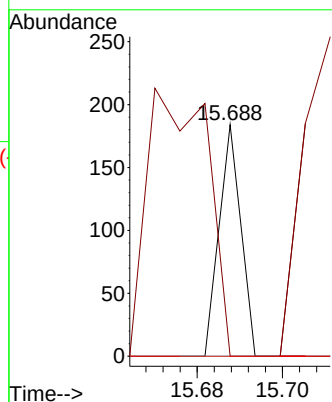
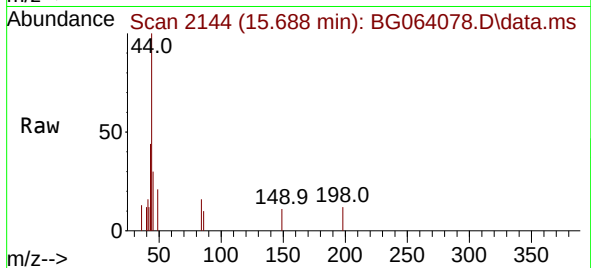




#65
4,6-Dinitro-2-methylphenol
Concen: 8.235 ng
RT: 15.688 min Scan# 2119
Delta R.T. 0.079 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

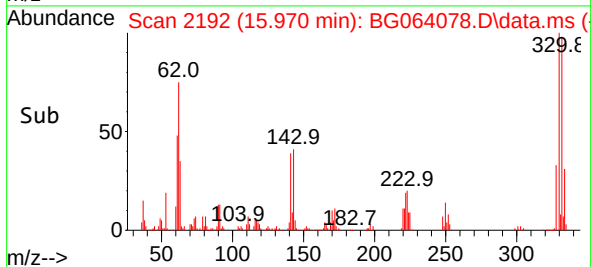
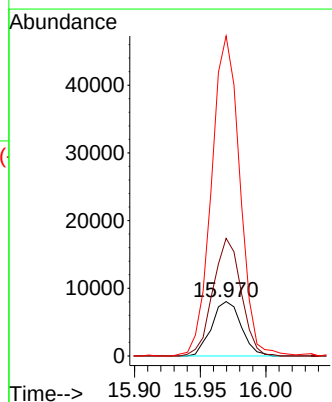
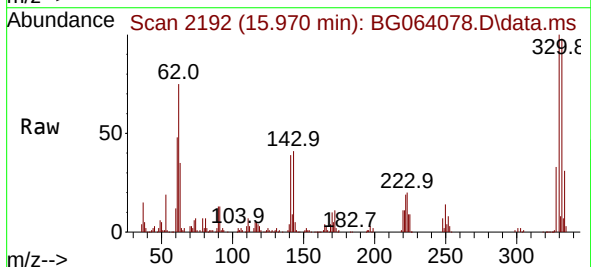
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

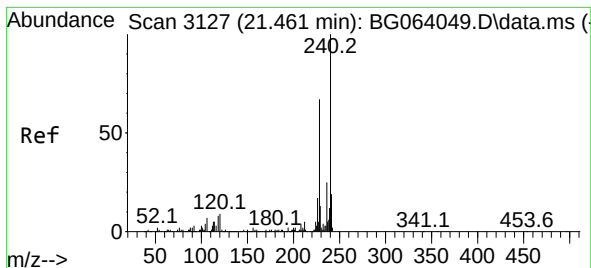
Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.548 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.456 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:248 Resp: 12599
Ion Ratio Lower Upper
248 100
250 216.0 77.1 115.7#
141 587.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064078.D

Acq: 10 Mar 2025 13:03

Instrument :

BNA_G

ClientSampleId :

ENV-102-SB01

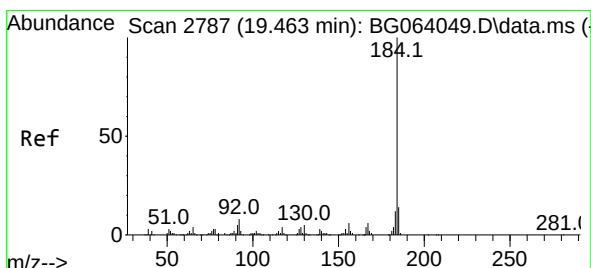
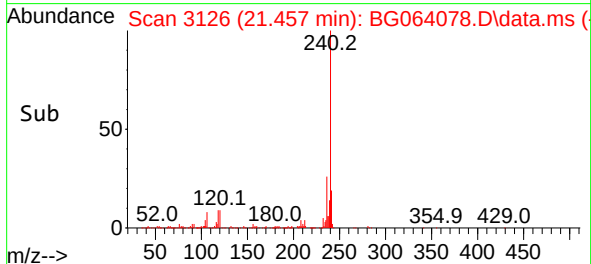
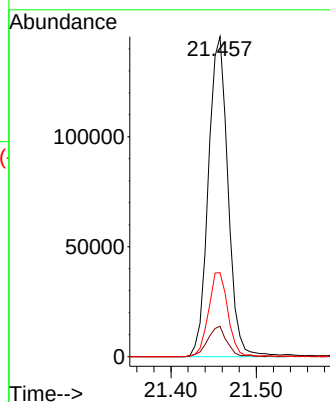
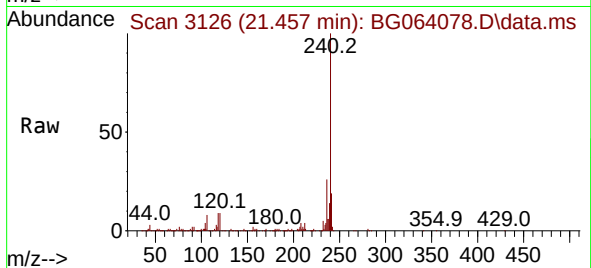
Tgt Ion:240 Resp: 232567

Ion Ratio Lower Upper

240 100

120 9.5 7.2 10.8

236 26.2 20.2 30.2



#77

Benzidine

Concen: 7.353 ng

RT: 19.848 min Scan# 2852

Delta R.T. 0.385 min

Lab File: BG064078.D

Acq: 10 Mar 2025 13:03

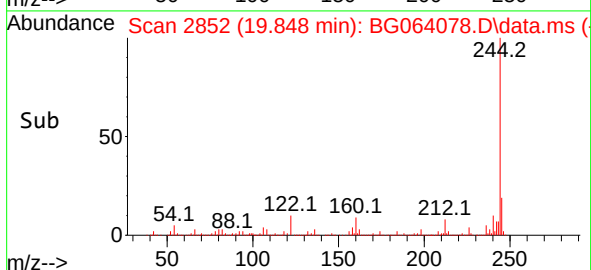
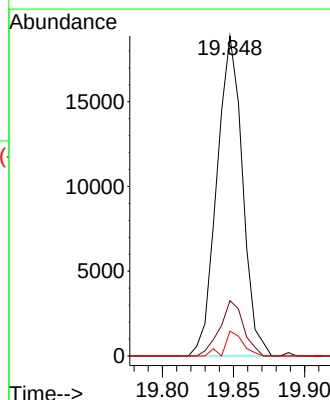
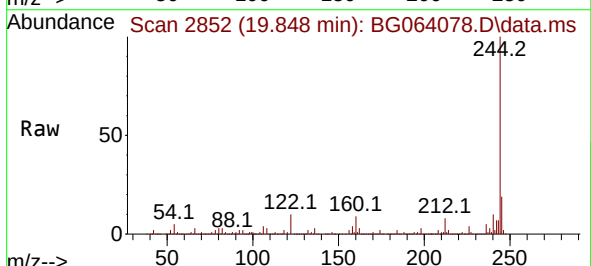
Tgt Ion:184 Resp: 23678

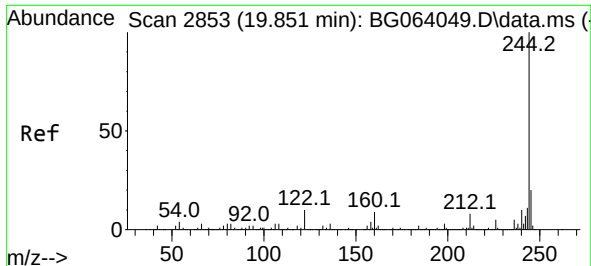
Ion Ratio Lower Upper

184 100

185 17.3 11.3 16.9#

183 7.8 9.5 14.3#

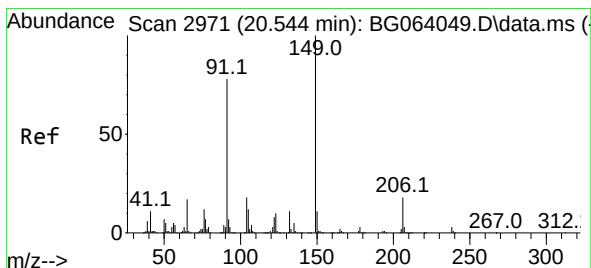
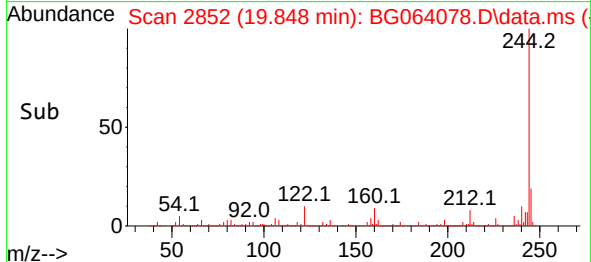
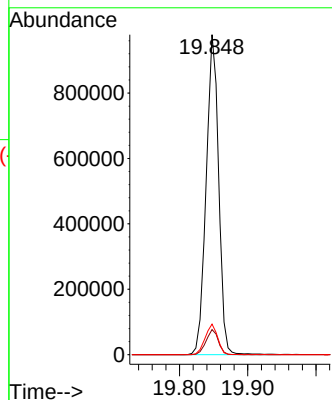
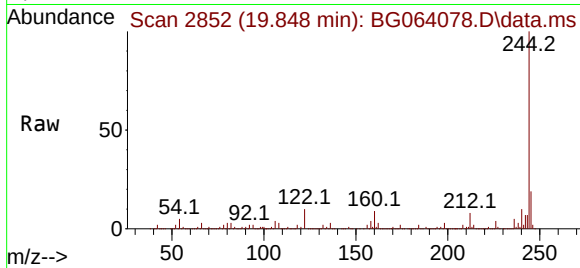




#79
 Terphenyl-d14
 Concen: 108.283 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064078.D
 Acq: 10 Mar 2025 13:03

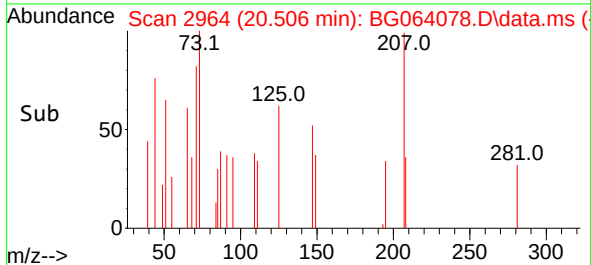
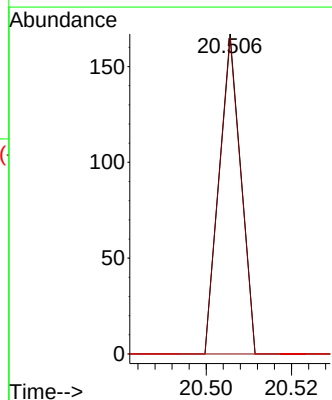
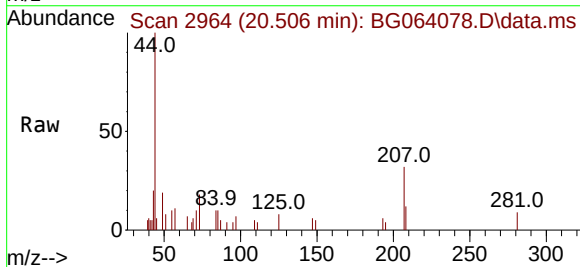
Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB01

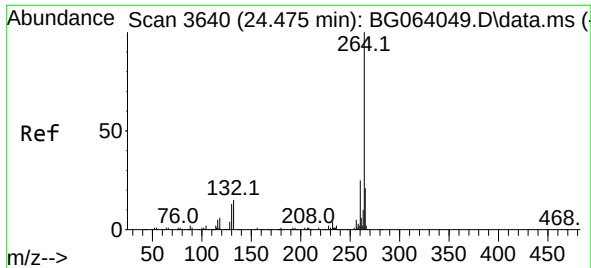
Tgt Ion:244 Resp: 1245450
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 9.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.647 ng
 RT: 20.506 min Scan# 2964
 Delta R.T. -0.038 min
 Lab File: BG064078.D
 Acq: 10 Mar 2025 13:03

Tgt Ion:149 Resp: 59
 Ion Ratio Lower Upper
 149 100
 91 98.8 62.0 93.0#
 206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.472 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG064078.D
 Acq: 10 Mar 2025 13:03

Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB01

Tgt Ion:264 Resp: 240035
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 16.6 25.0

