

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064079.D
 Acq On : 10 Mar 2025 13:43
 Operator : RC/JU
 Sample : Q1488-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB02

Quant Time: Mar 10 15:19:16 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)

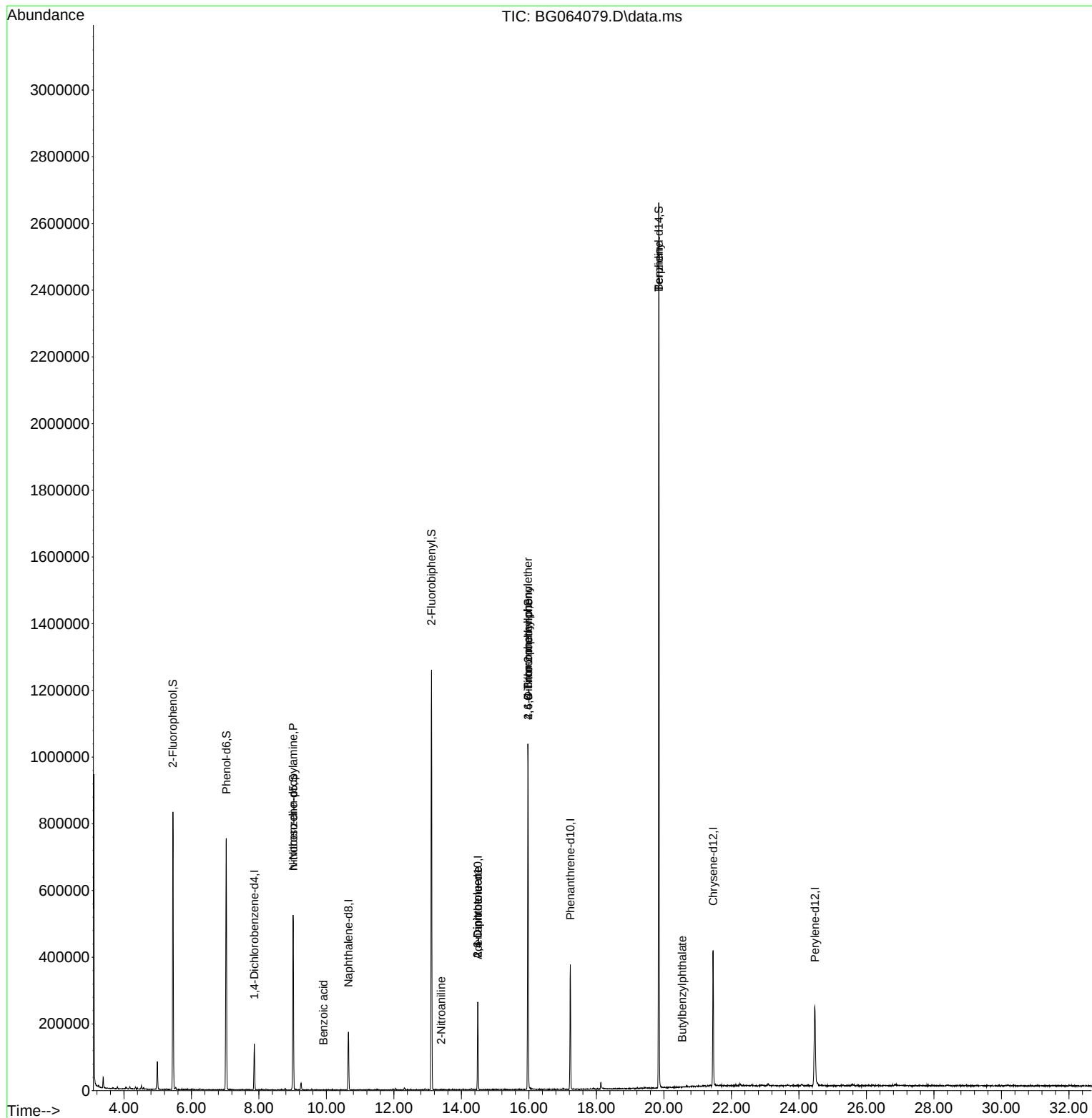
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	32475	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	132840	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	88542	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	205793	20.000	ng	0.00
76) Chrysene-d12	21.457	240	234830	20.000	ng	0.00
86) Perylene-d12	24.471	264	245151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	299574	144.040	ng	0.00
7) Phenol-d6	7.032	99	363258	128.390	ng	0.00
23) Nitrobenzene-d5	9.012	82	274607	114.238	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	170868	173.610	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	599991	102.857	ng	0.00
79) Terphenyl-d14	19.847	244	1223564	105.355	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.012	70	38206	19.241	ng	# 74
32) Benzoic acid	9.911	122	69	8.732	ng	# 68
48) 2-Nitroaniline	13.401	65	60	3.253	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	12514	12.135	ng	# 17
57) 2,4-Dinitrotoluene	14.483	165	12514	9.966	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.975	198	620	8.757	ng	# 1
67) 4-Bromophenyl-phenylether	15.969	248	12316	5.843	ng	# 1
77) Benzidine	19.847	184	23254	7.151	ng	# 93
80) Butylbenzylphthalate	20.540	149	73	3.649	ng	# 69

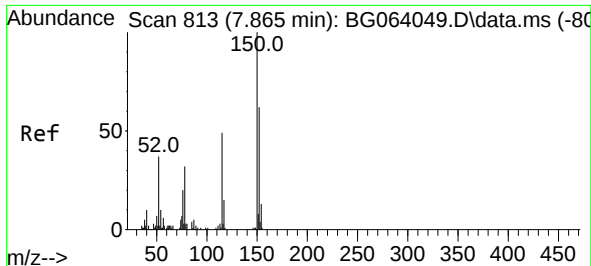
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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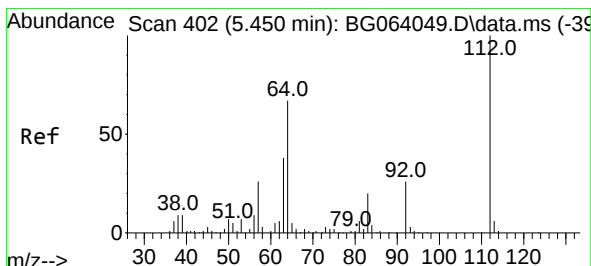
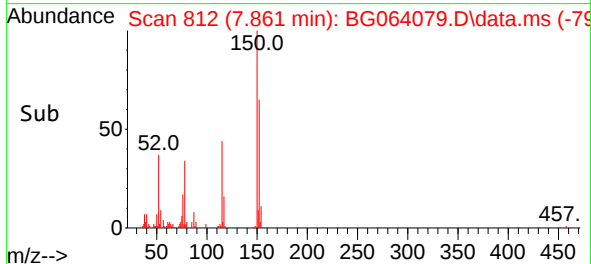
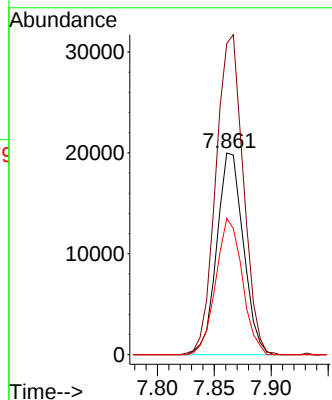
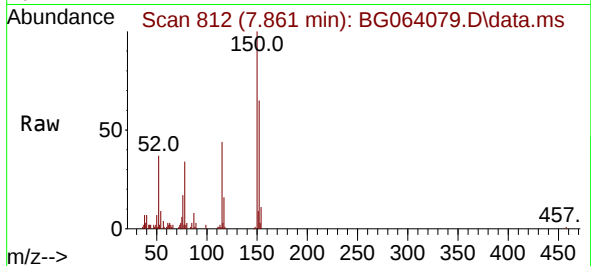




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

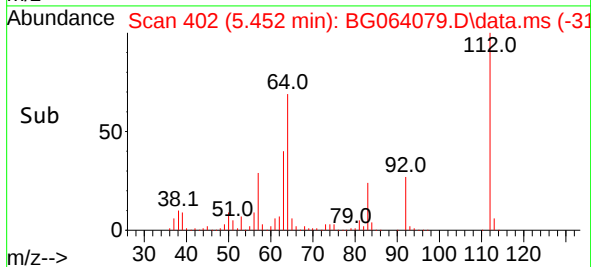
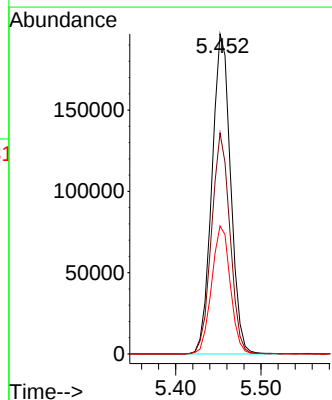
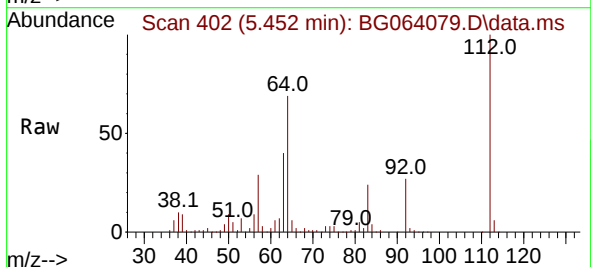
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

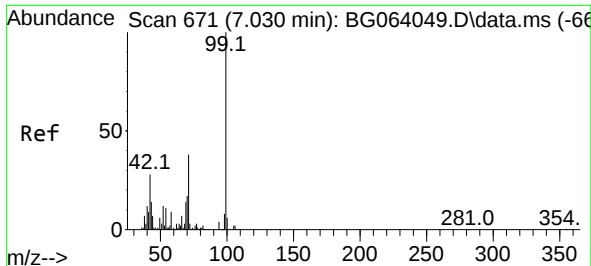
Tgt Ion:152 Resp: 32475
Ion Ratio Lower Upper
152 100
150 154.4 129.2 193.8
115 67.6 63.0 94.6



#5
2-Fluorophenol
Concen: 144.040 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:112 Resp: 299574
Ion Ratio Lower Upper
112 100
64 69.0 53.7 80.5
63 40.0 30.2 45.4

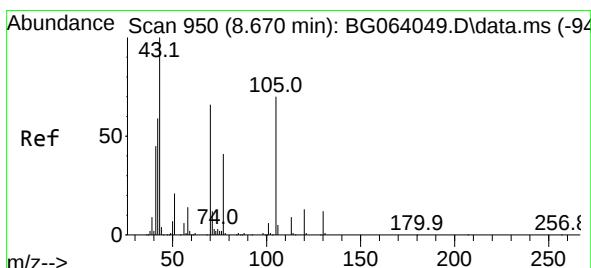
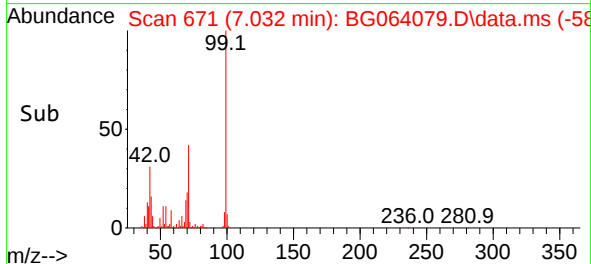
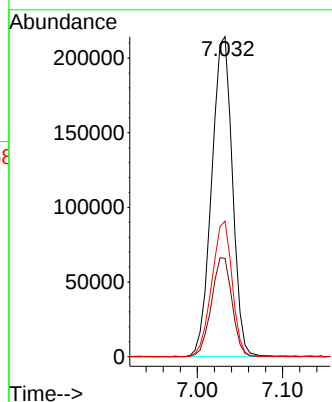
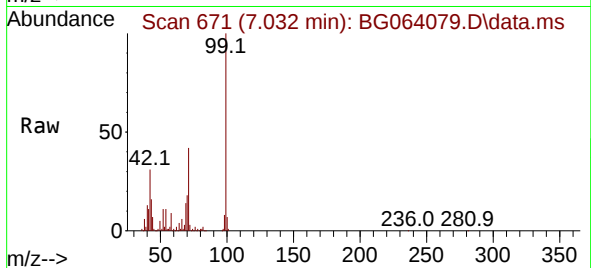




#7
Phenol-d6
Concen: 128.390 ng
RT: 7.032 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

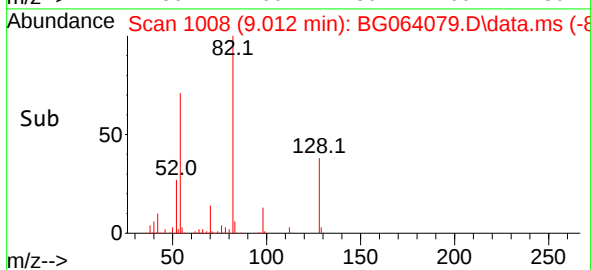
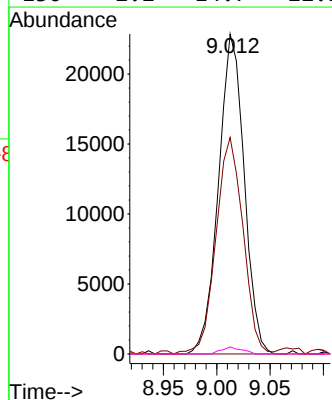
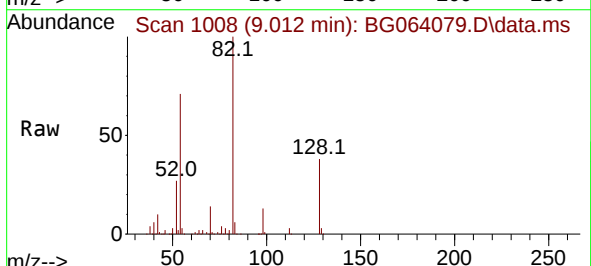
Instrument :
BNA_G
ClientSampleId :
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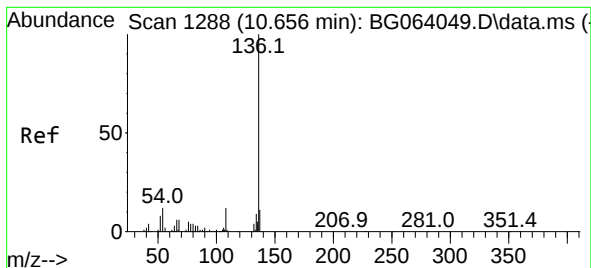
Tgt Ion: 99 Resp: 363258
Ion Ratio Lower Upper
99 100
42 30.7 22.7 34.1
71 42.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.241 ng
RT: 9.012 min Scan# 1008
Delta R.T. 0.343 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion: 70 Resp: 38206
Ion Ratio Lower Upper
70 100
42 67.7 72.1 108.1#
101 0.0 7.2 10.8#
130 2.2 14.7 22.1#

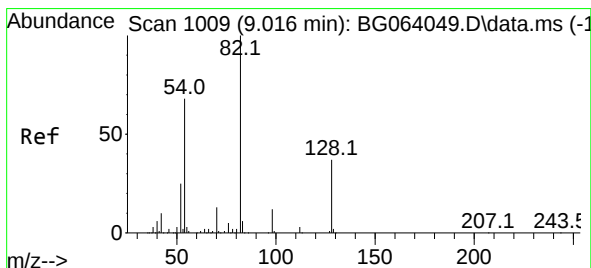
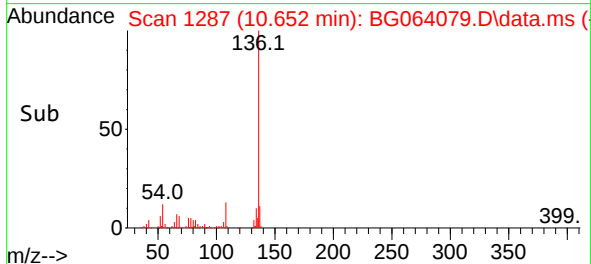
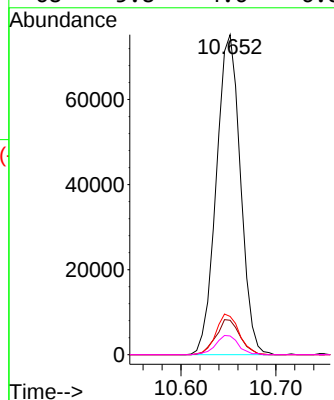
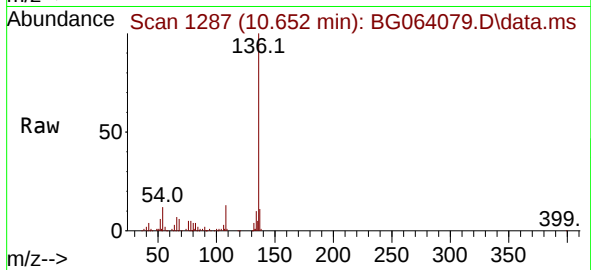




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

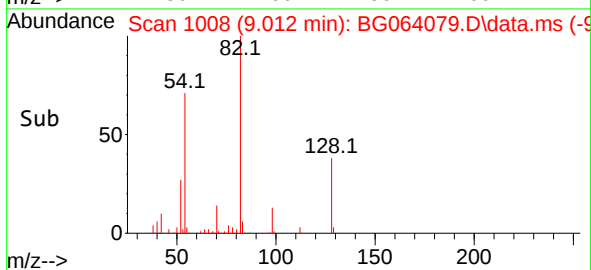
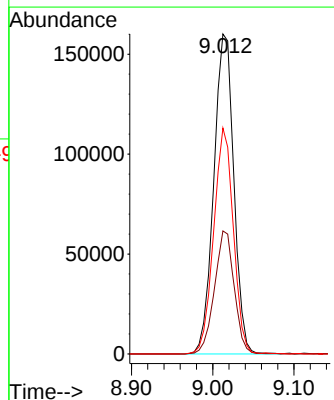
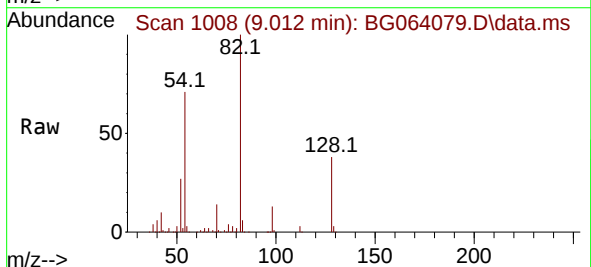
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

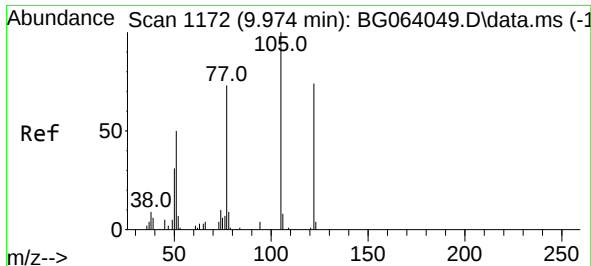
Tgt Ion:136 Resp: 132840
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 12.0 9.9 14.9
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 114.238 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion: 82 Resp: 274607
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 70.6 54.7 82.1

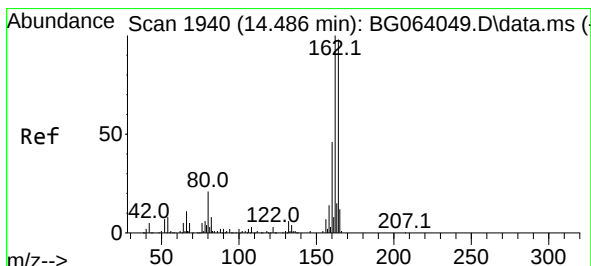
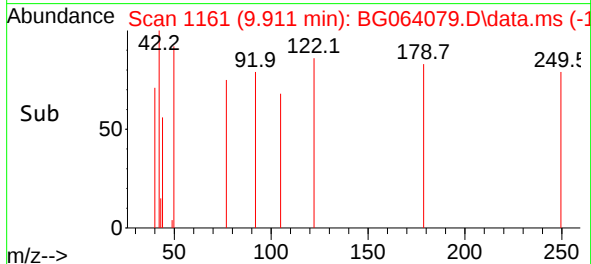
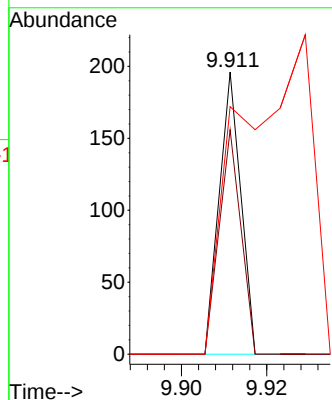
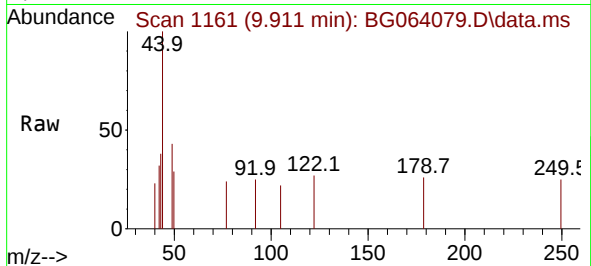




#32
Benzoic acid
Concen: 8.732 ng
RT: 9.911 min Scan# 1172
Delta R.T. -0.063 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

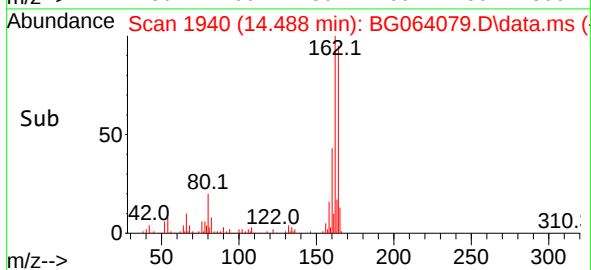
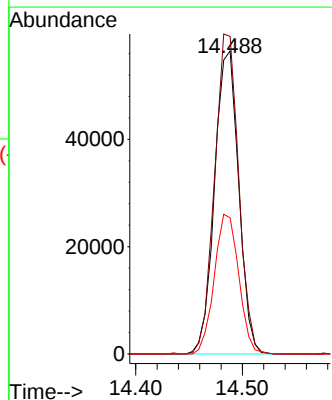
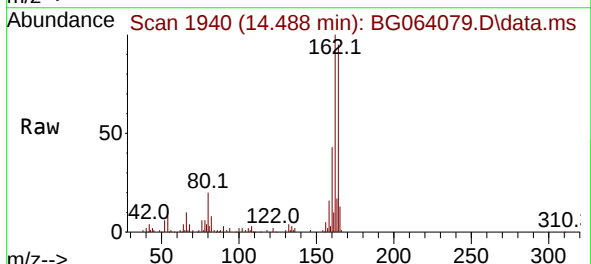
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

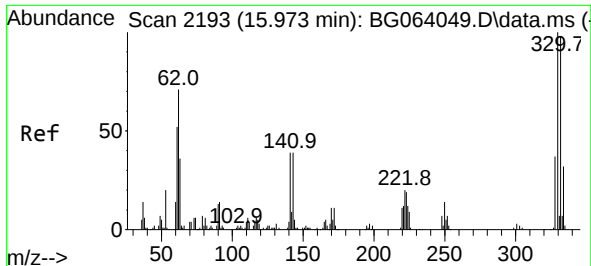
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 79.6 115.0 155.0#
77 87.8 80.9 120.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

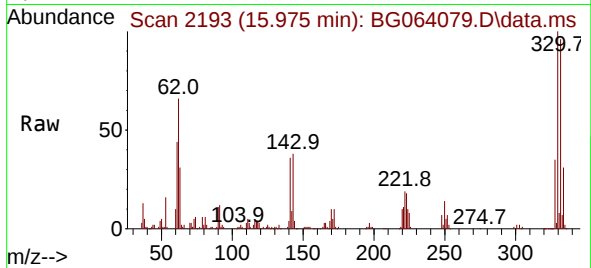
Tgt Ion:164 Resp: 88542
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 44.9 37.0 55.6



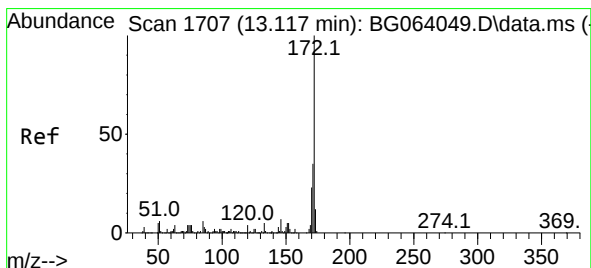
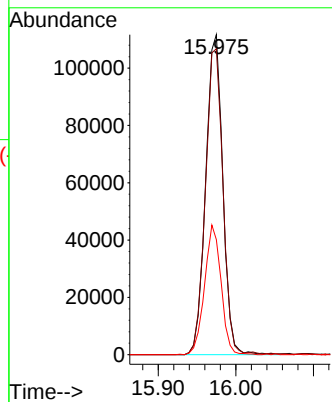
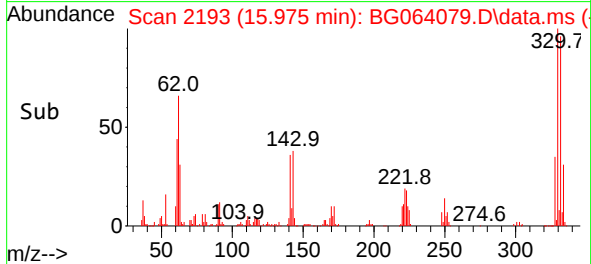


#42
2,4,6-Tribromophenol
Concen: 173.610 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

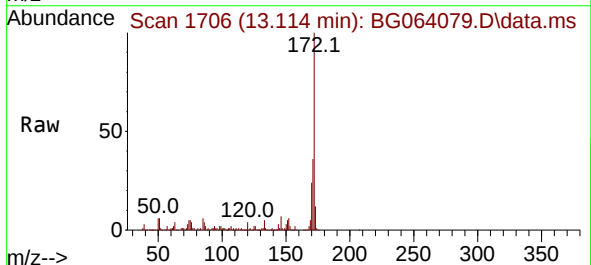
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02



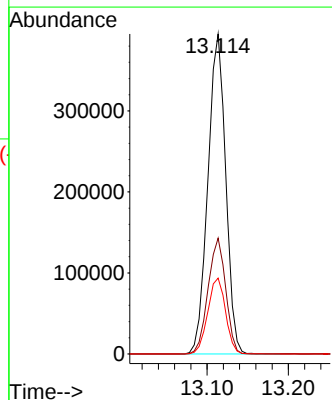
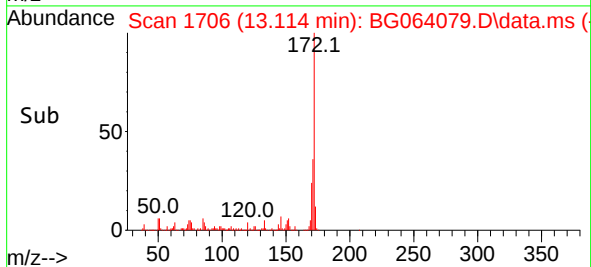
Tgt Ion:330 Resp: 170868
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 39.1 29.7 44.5

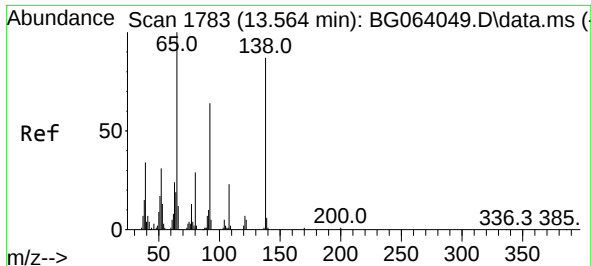


#45
2-Fluorobiphenyl
Concen: 102.857 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43



Tgt Ion:172 Resp: 599991
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.7 18.7 28.1

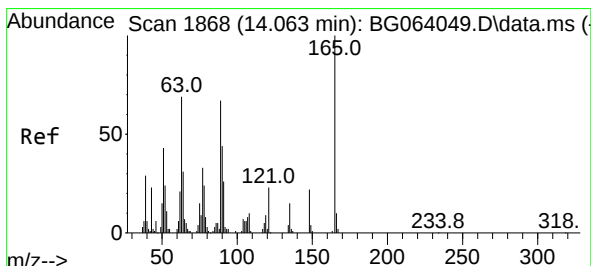
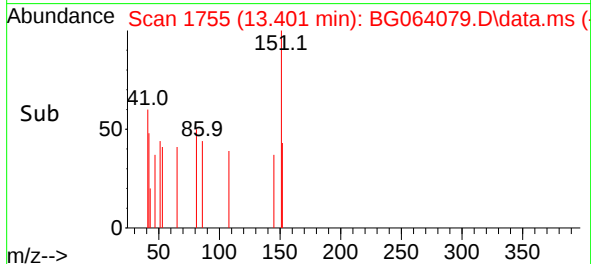
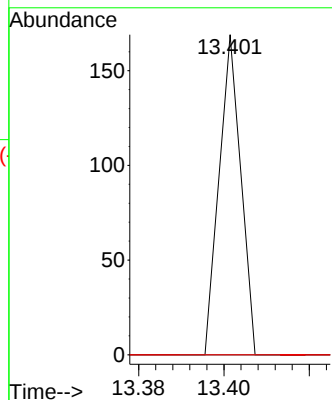
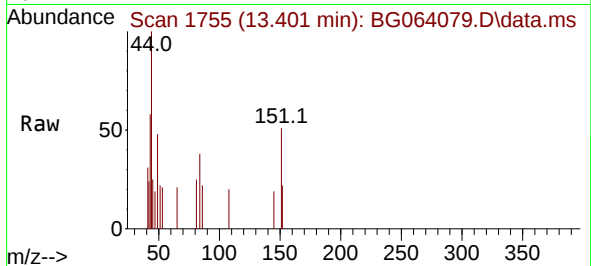




#48
2-Nitroaniline
Concen: 3.253 ng
RT: 13.401 min Scan# 1
Delta R.T. -0.163 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

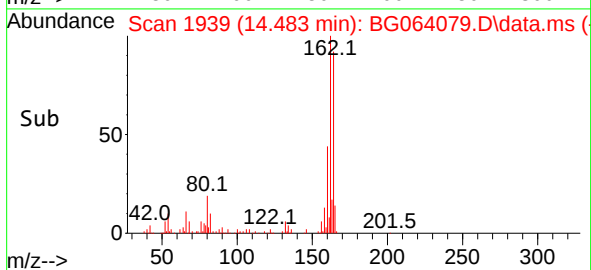
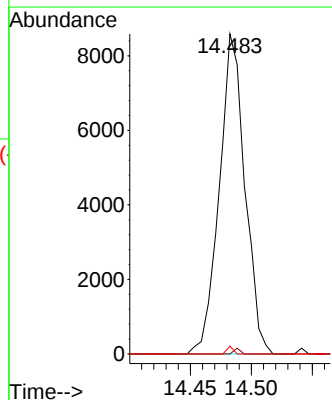
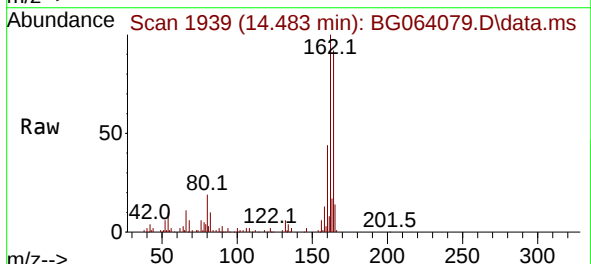
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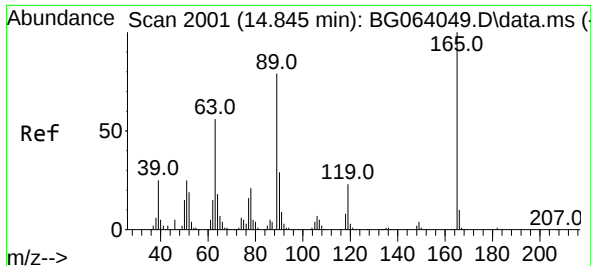
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.135 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.419 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion: 165 Resp: 12514
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 2.4 53.7 80.5#

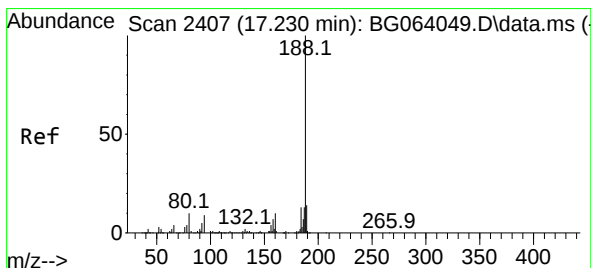
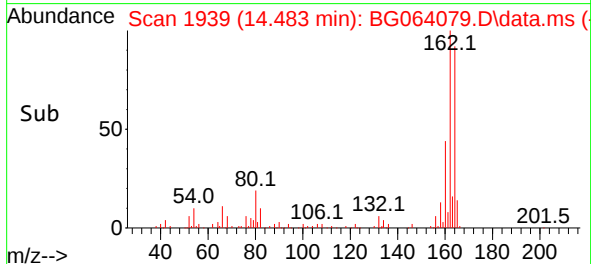
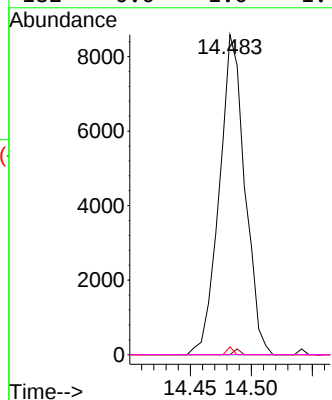
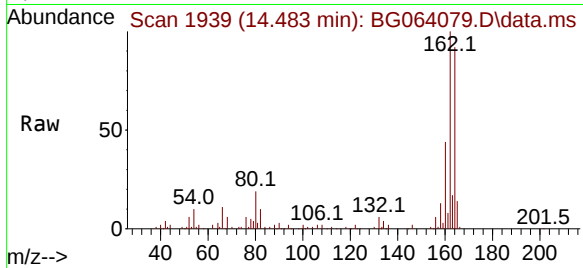




#57
2,4-Dinitrotoluene
Concen: 9.966 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.363 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

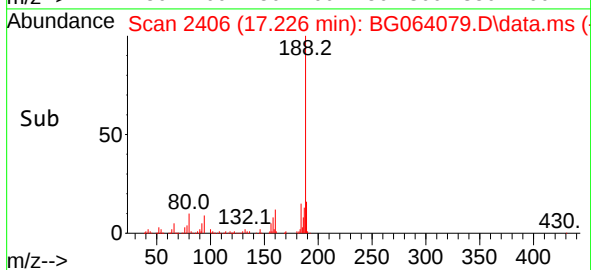
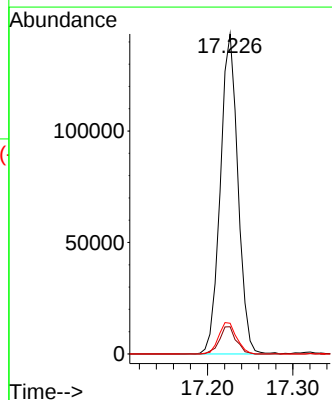
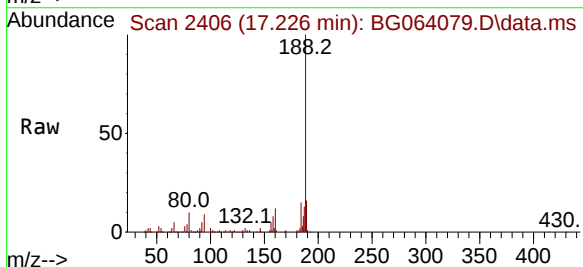
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

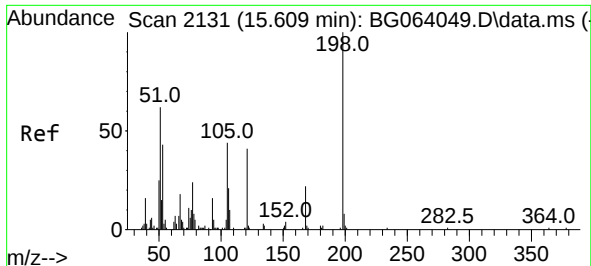
Tgt Ion:	165	Resp:	12514
Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	2.4	63.1	94.7#
182	0.0	1.0	1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:	188	Resp:	205793
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.6	8.1	12.1

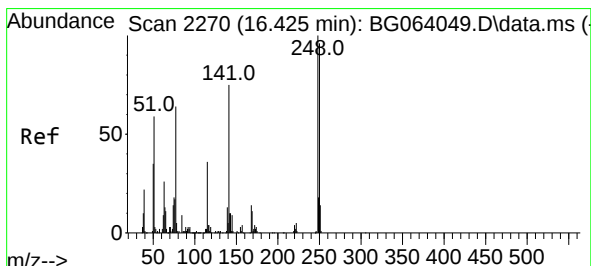
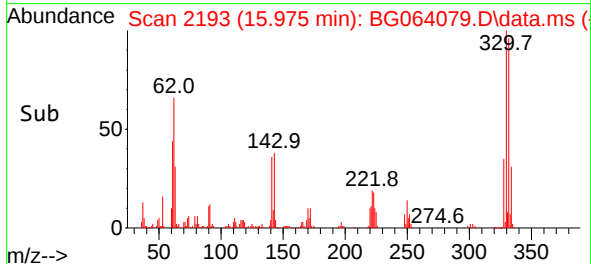
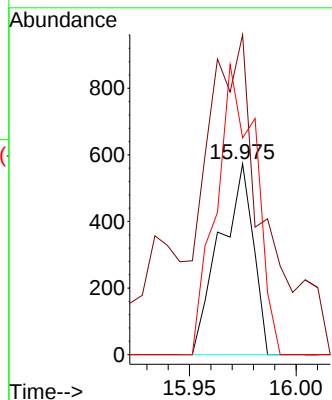
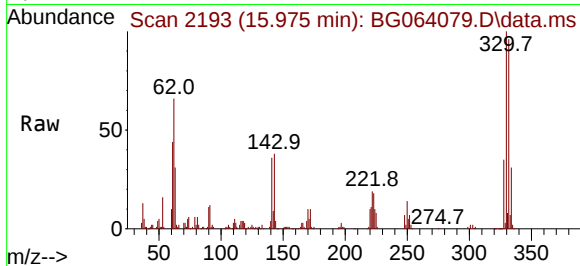




#65
4,6-Dinitro-2-methylphenol
Concen: 8.757 ng
RT: 15.975 min Scan# 2131
Delta R.T. 0.366 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

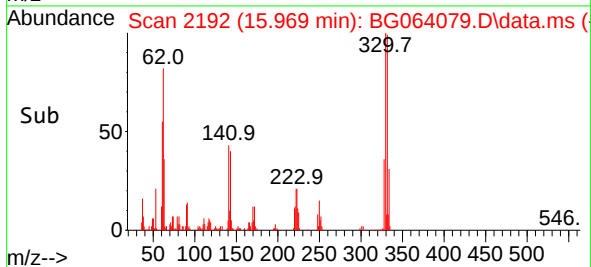
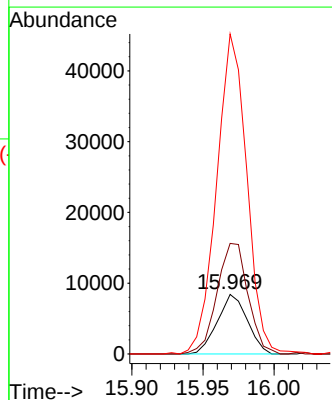
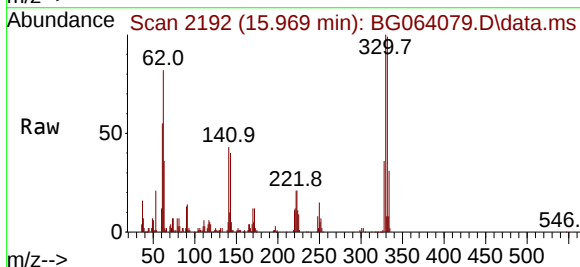
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

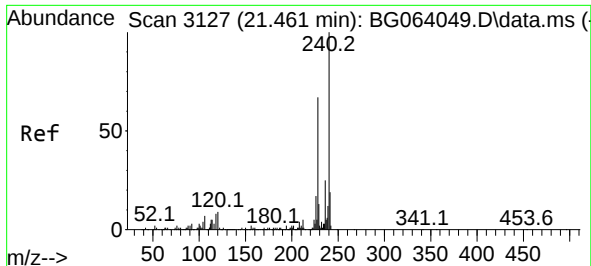
Tgt Ion:198 Resp: 620
Ion Ratio Lower Upper
198 100
51 167.7 45.6 85.6#
105 113.6 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.843 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.456 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:248 Resp: 12316
Ion Ratio Lower Upper
248 100
250 185.5 77.1 115.7#
141 536.9 59.8 89.8#

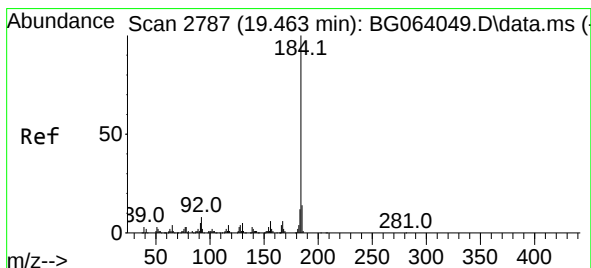
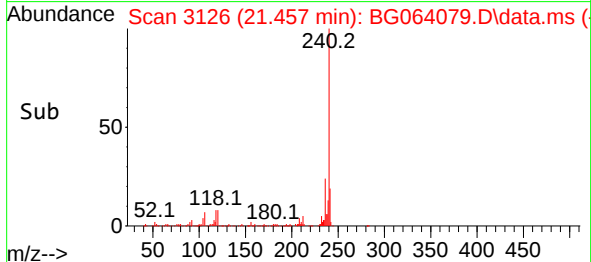
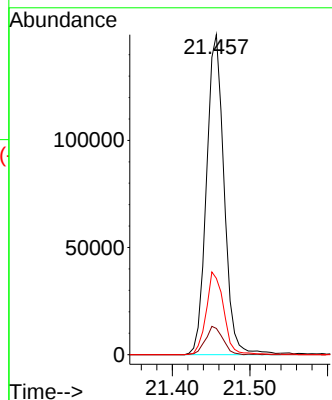
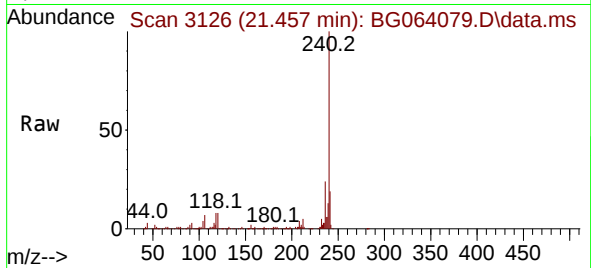




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

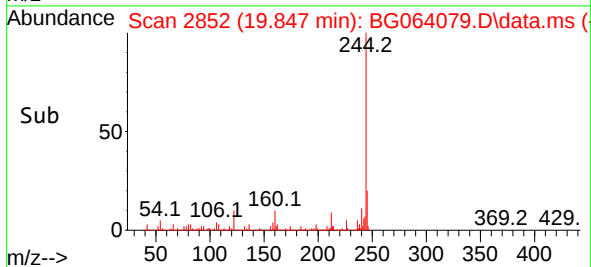
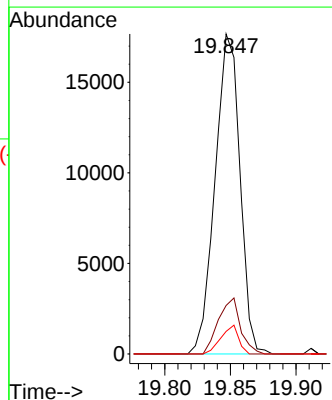
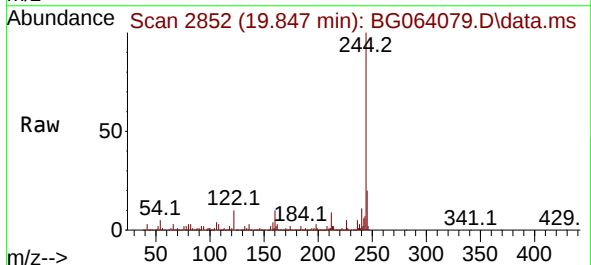
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

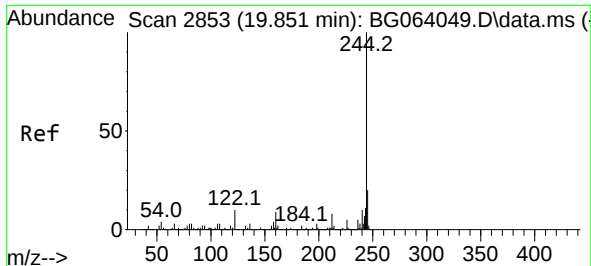
Tgt Ion:240 Resp: 234830
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.9 20.2 30.2



#77
Benzidine
Concen: 7.151 ng
RT: 19.847 min Scan# 2852
Delta R.T. 0.384 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:184 Resp: 23254
Ion Ratio Lower Upper
184 100
185 15.2 11.3 16.9
183 7.1 9.5 14.3#

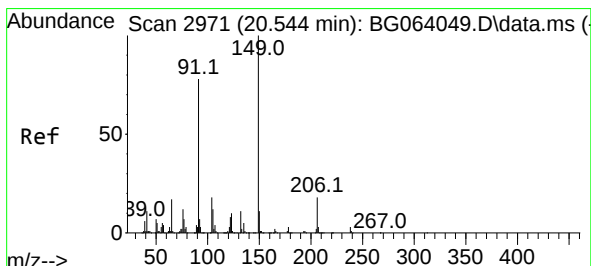
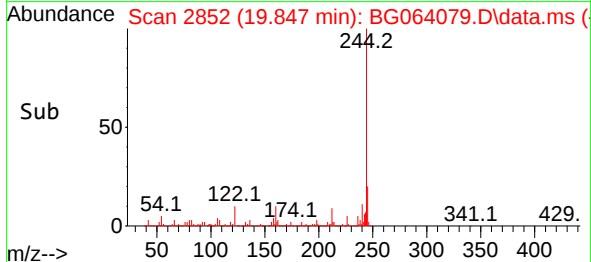
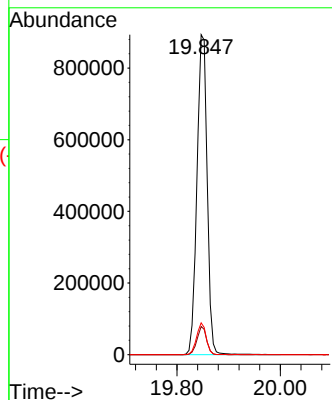
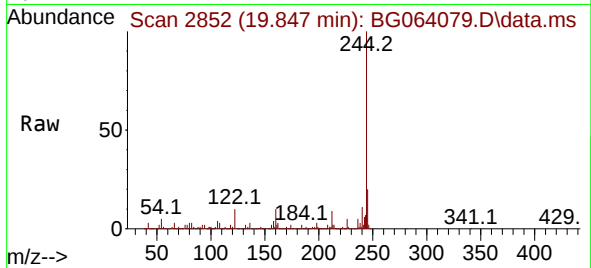




#79
 Terphenyl-d14
 Concen: 105.355 ng
 RT: 19.847 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064079.D
 Acq: 10 Mar 2025 13:43

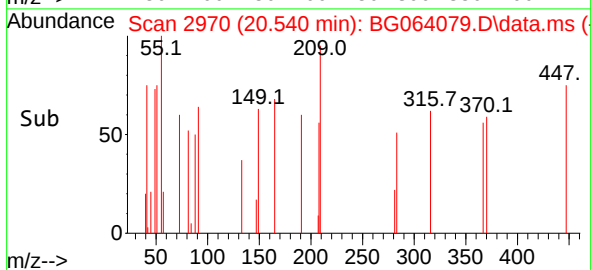
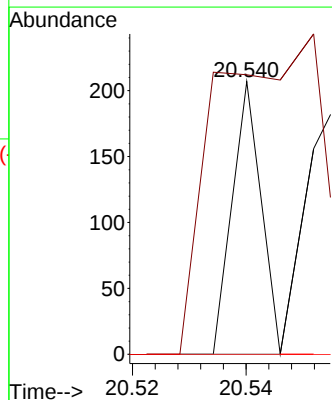
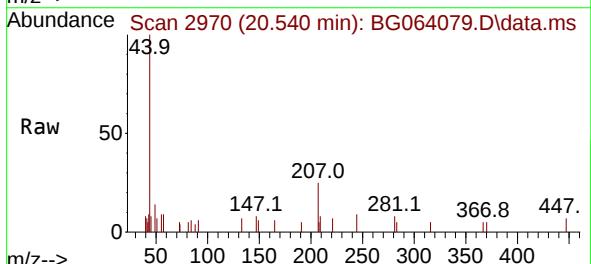
Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB02

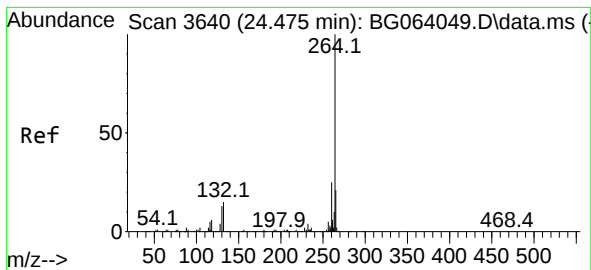
Tgt Ion:244 Resp: 1223564
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.2 9.4
 122 10.0 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.649 ng
 RT: 20.540 min Scan# 2970
 Delta R.T. -0.004 min
 Lab File: BG064079.D
 Acq: 10 Mar 2025 13:43

Tgt Ion:149 Resp: 73
 Ion Ratio Lower Upper
 149 100
 91 102.4 62.0 93.0#
 206 0.0 14.6 21.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG064079.D

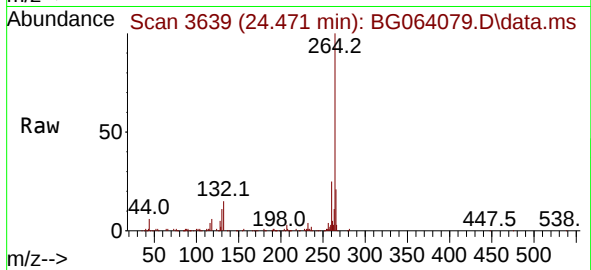
Acq: 10 Mar 2025 13:43

Instrument :

BNA_G

ClientSampleId :

ENV-102-SB02



Tgt Ion:264 Resp: 245151

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 20.9 16.6 25.0

