

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064083.D
 Acq On : 10 Mar 2025 16:25
 Operator : RC/JU
 Sample : Q1514-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB02

Quant Time: Mar 10 18:31:44 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)

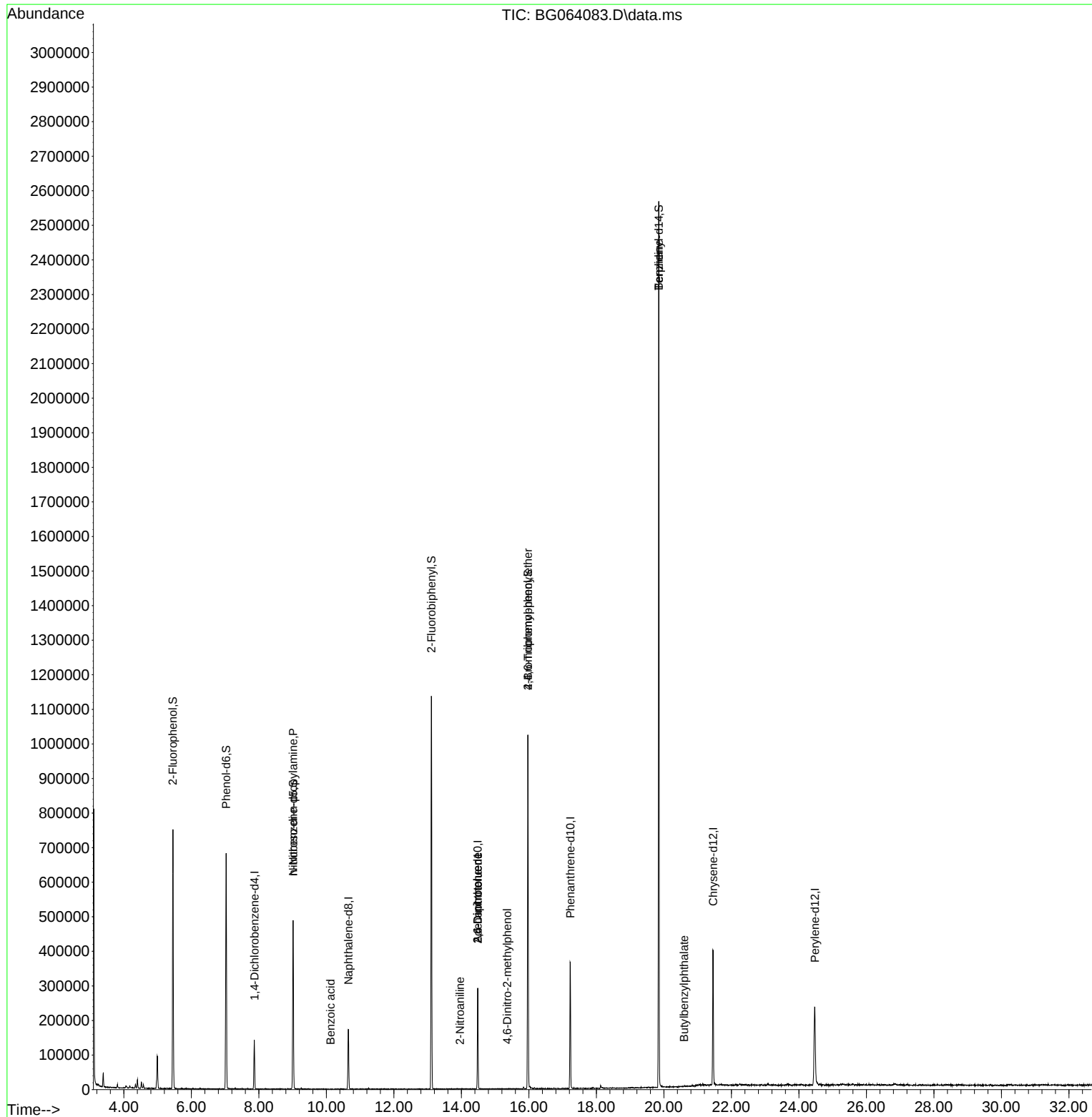
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	33131	20.000	ng	# 0.00
21) Naphthalene-d8	10.653	136	137948	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	92307	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	212136	20.000	ng	0.00
76) Chrysene-d12	21.458	240	223138	20.000	ng	0.00
86) Perylene-d12	24.472	264	227657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	278811	131.402	ng	0.00
7) Phenol-d6	7.028	99	331043	114.687	ng	0.00
23) Nitrobenzene-d5	9.014	82	252088	100.986	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	165524	161.320	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	552471	90.847	ng	0.00
79) Terphenyl-d14	19.848	244	1143296	103.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.014	70	34616	17.088	ng	# 75
32) Benzoic acid	10.124	122	159	8.784	ng	# 1
48) 2-Nitroaniline	13.961	65	57	3.250	ng	# 11
51) 2,6-Dinitrotoluene	14.484	165	12784	11.958	ng	# 18
57) 2,4-Dinitrotoluene	14.484	165	12784	9.839	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.359	198	74	8.246	ng	# 23
67) 4-Bromophenyl-phenylether	15.970	248	12549	5.776	ng	# 1
77) Benzidine	19.848	184	21531	6.968	ng	# 81
80) Butylbenzylphthalate	20.600	149	61	3.648	ng	# 20

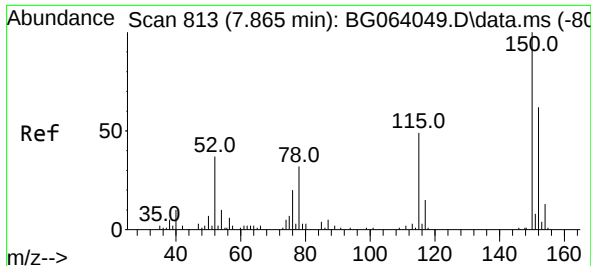
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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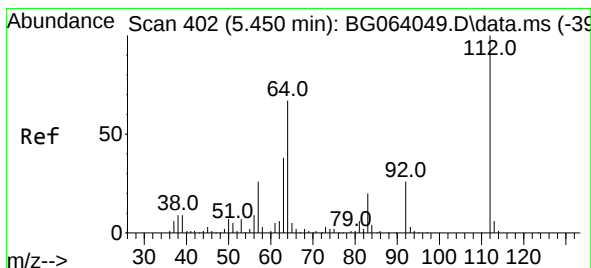
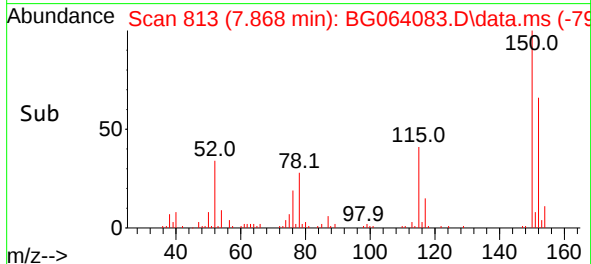
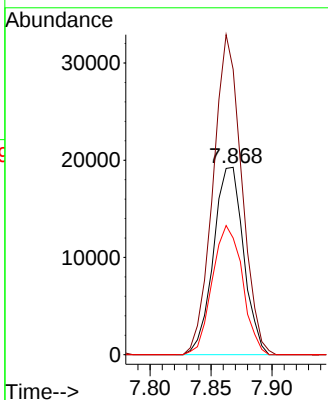
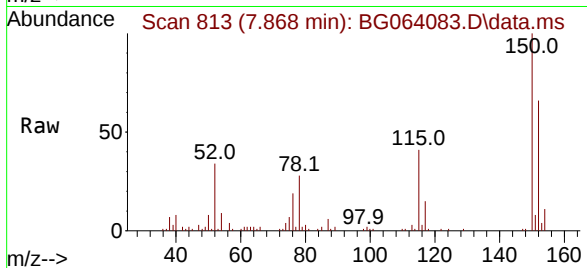




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.868 min Scan# 813
Delta R.T. 0.003 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

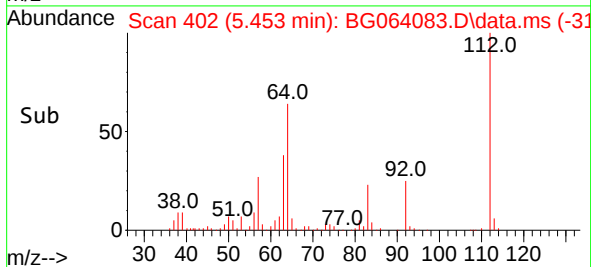
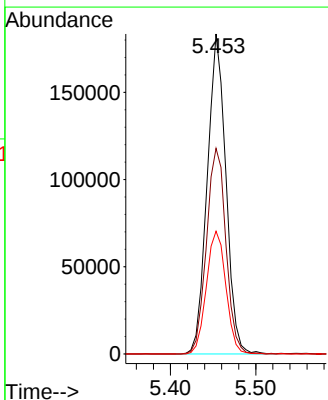
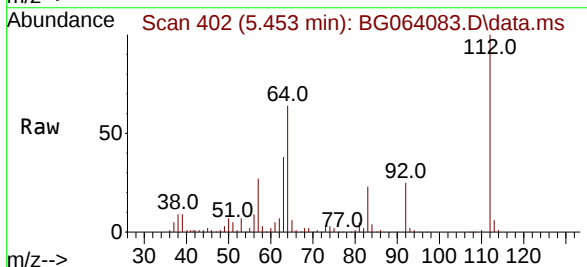
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

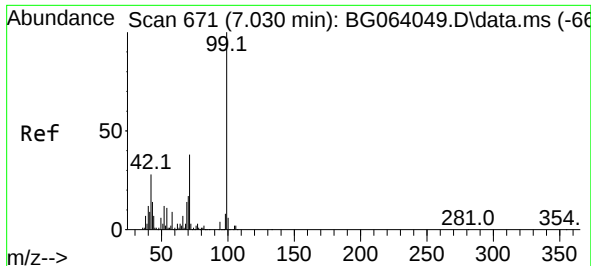
Tgt Ion:152 Resp: 33131
Ion Ratio Lower Upper
152 100
150 152.3 129.2 193.8
115 62.3 63.0 94.6#



#5
2-Fluorophenol
Concen: 131.402 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:112 Resp: 278811
Ion Ratio Lower Upper
112 100
64 64.2 53.7 80.5
63 38.4 30.2 45.4

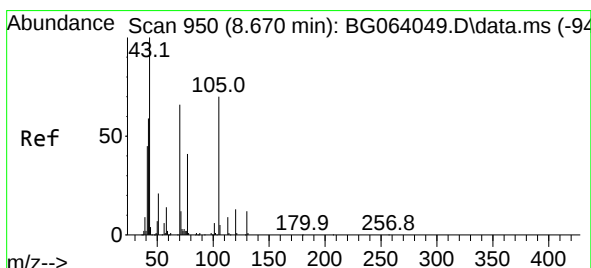
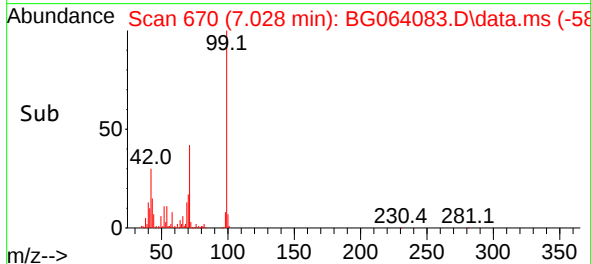
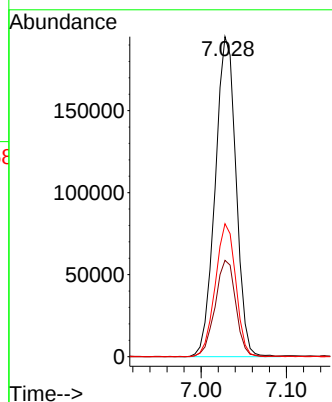
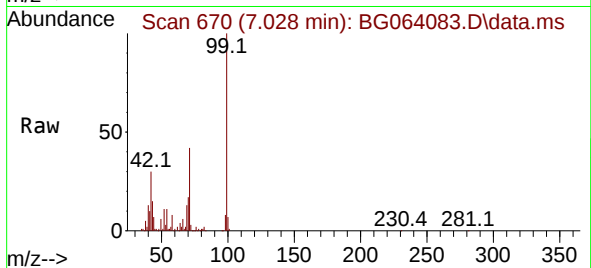




#7
Phenol-d6
Concen: 114.687 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

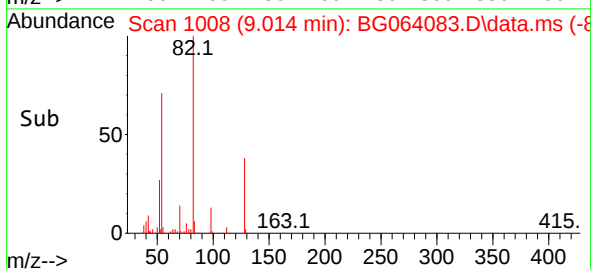
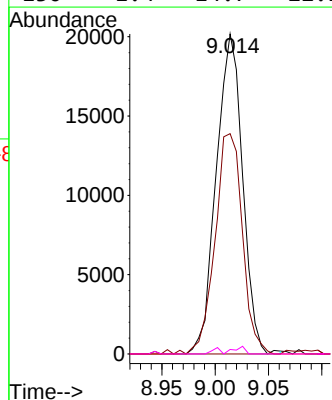
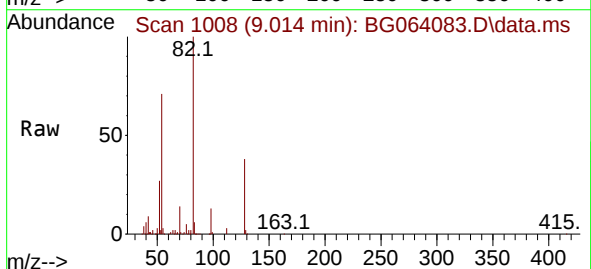
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

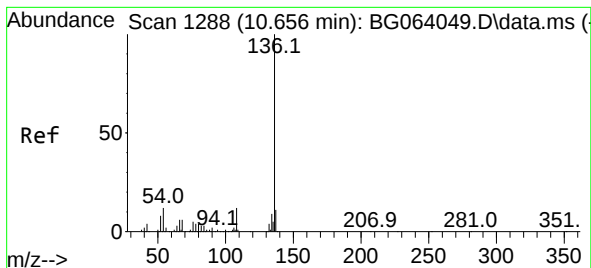
Tgt Ion: 99 Resp: 331043
Ion Ratio Lower Upper
99 100
42 30.1 22.7 34.1
71 41.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.088 ng
RT: 9.014 min Scan# 1008
Delta R.T. 0.344 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion: 70 Resp: 34616
Ion Ratio Lower Upper
70 100
42 68.9 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: 10.653 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02

Tgt Ion:136 Resp: 137948

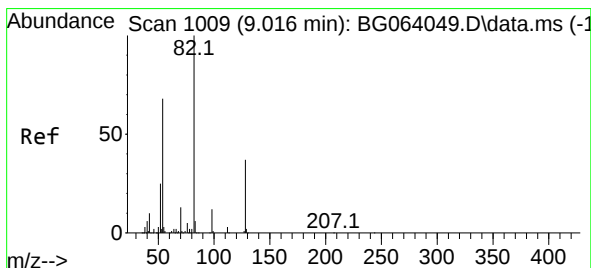
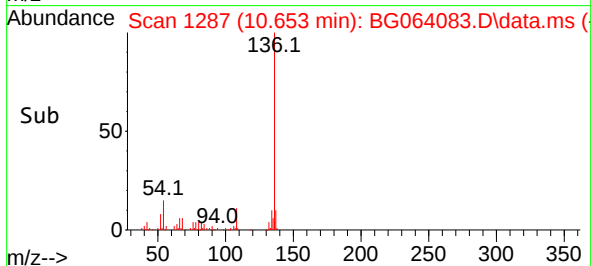
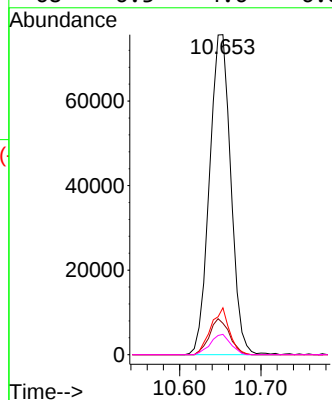
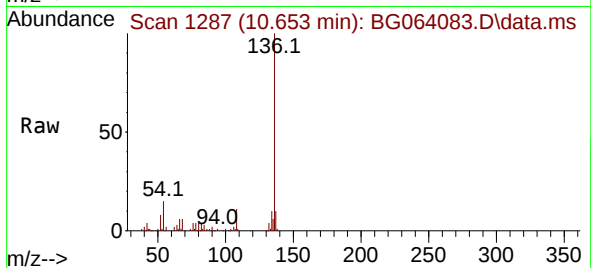
Ion Ratio Lower Upper

136 100

137 9.8 8.5 12.7

54 14.6 9.9 14.9

68 6.3 4.6 6.8



#23

Nitrobenzene-d5

Concen: 100.986 ng

RT: 9.014 min Scan# 1008

Delta R.T. -0.002 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

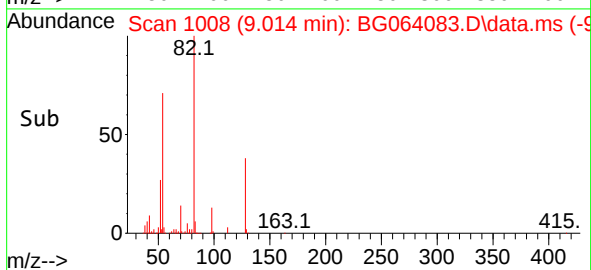
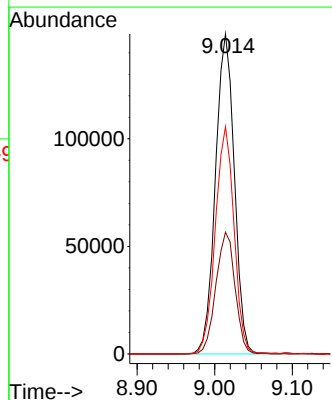
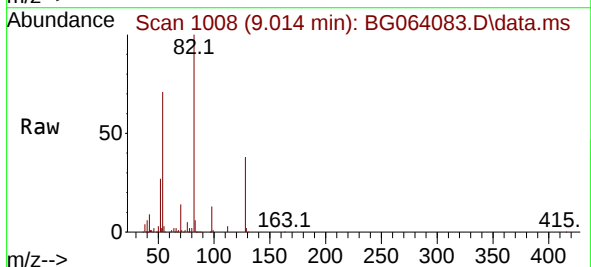
Tgt Ion: 82 Resp: 252088

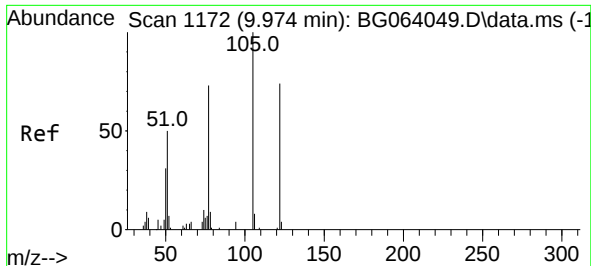
Ion Ratio Lower Upper

82 100

128 38.1 30.0 45.0

54 71.0 54.7 82.1

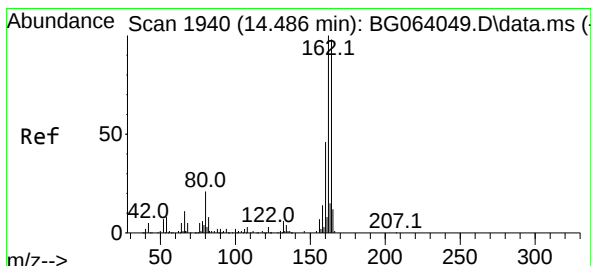
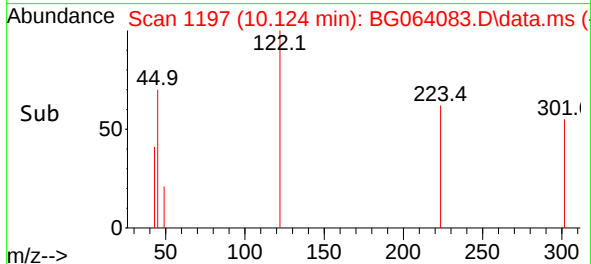
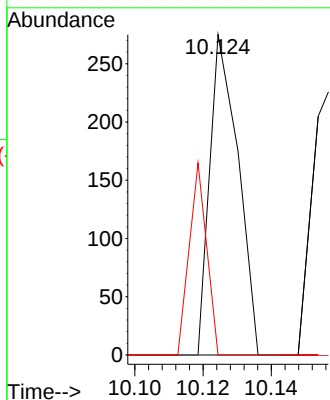
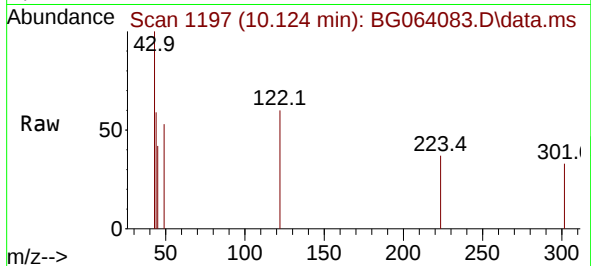




#32
Benzoic acid
Concen: 8.784 ng
RT: 10.124 min Scan# 1172
Delta R.T. 0.150 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

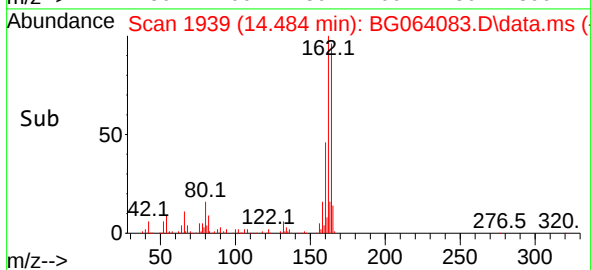
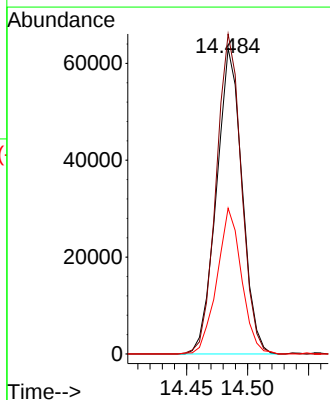
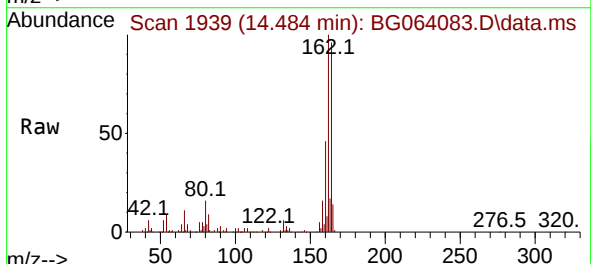
Instrument :
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ClientSampleId :
ENV-105-SB02

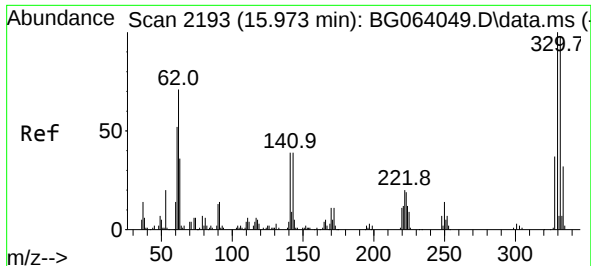
Tgt Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:164 Resp: 92307
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 47.7 37.0 55.6

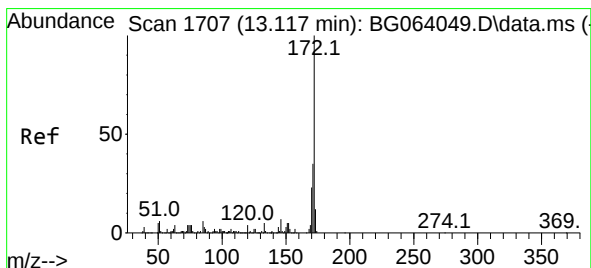
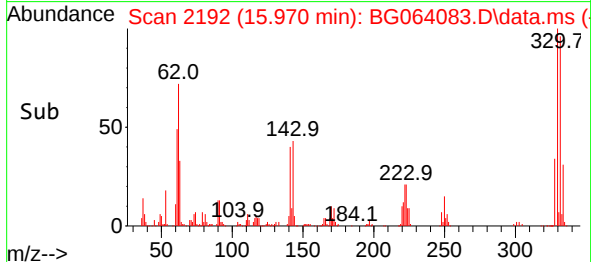
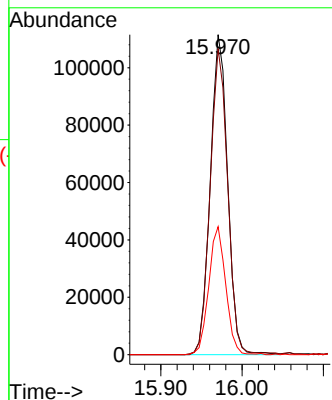
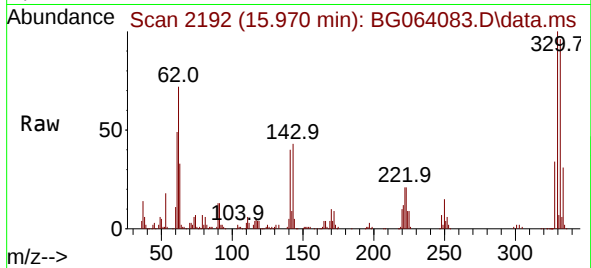




#42
2,4,6-Tribromophenol
Concen: 161.320 ng
RT: 15.970 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

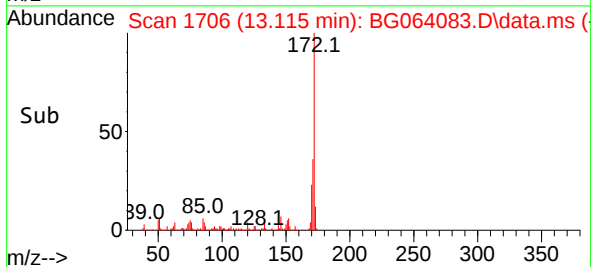
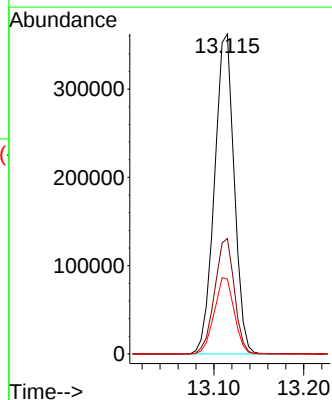
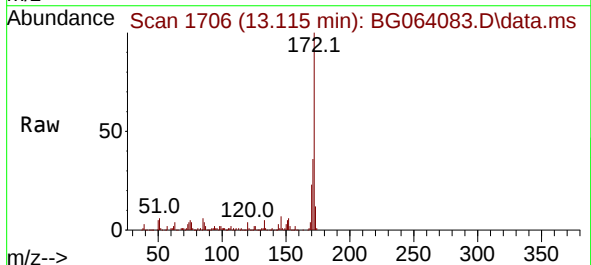
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ClientSampleId :
ENV-105-SB02

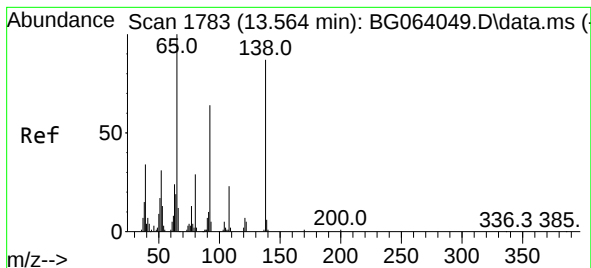
Tgt Ion:330 Resp: 165524
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 39.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 90.847 ng
RT: 13.115 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:172 Resp: 552471
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.4 18.7 28.1

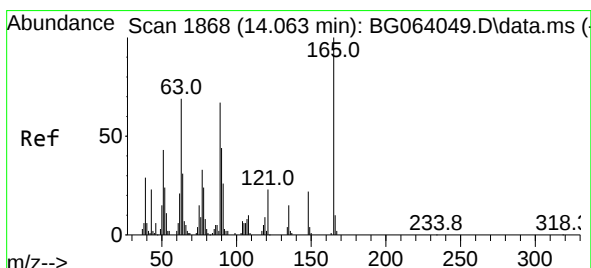
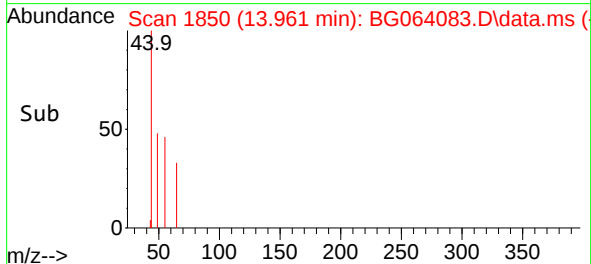
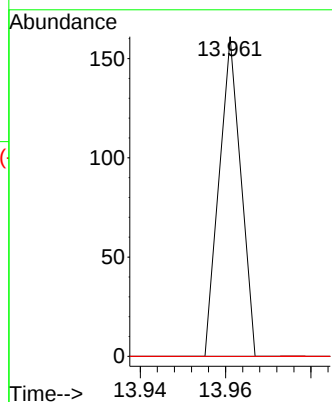
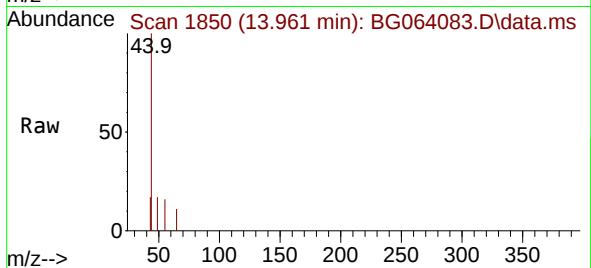




#48
2-Nitroaniline
Concen: 3.250 ng
RT: 13.961 min Scan# 11
Delta R.T. 0.397 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

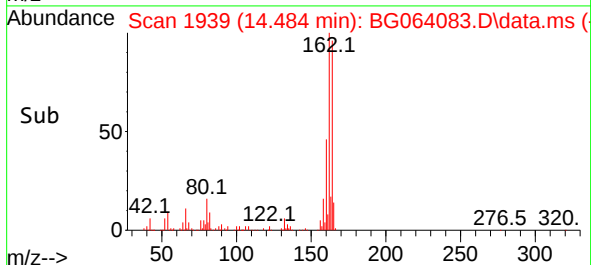
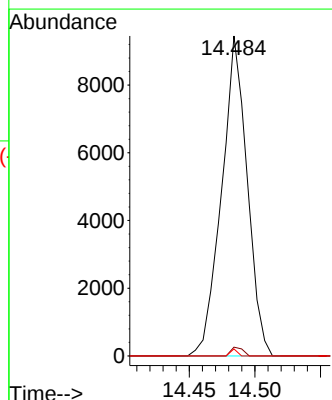
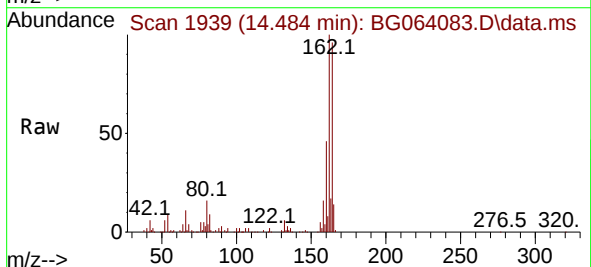
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ENV-105-SB02

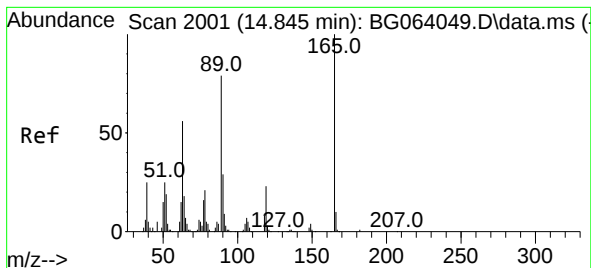
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 11.958 ng
RT: 14.484 min Scan# 1939
Delta R.T. 0.421 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion: 165 Resp: 12784
Ion Ratio Lower Upper
165 100
63 2.7 56.7 85.1#
89 2.2 53.7 80.5#

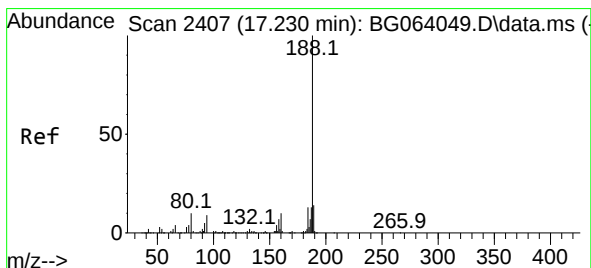
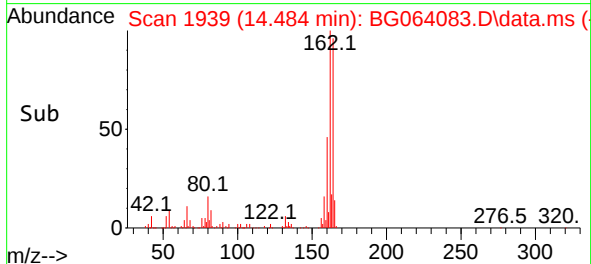
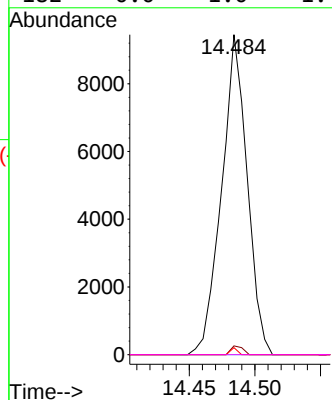
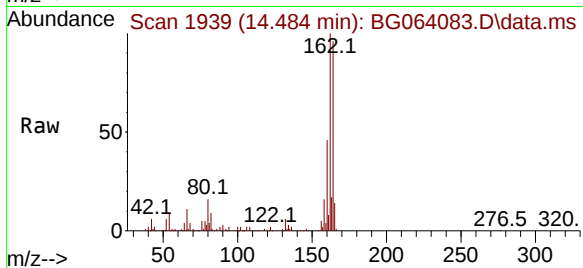




#57
2,4-Dinitrotoluene
Concen: 9.839 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.361 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

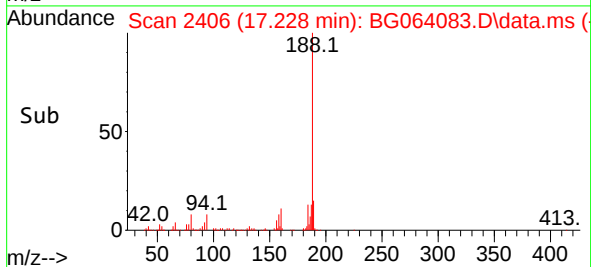
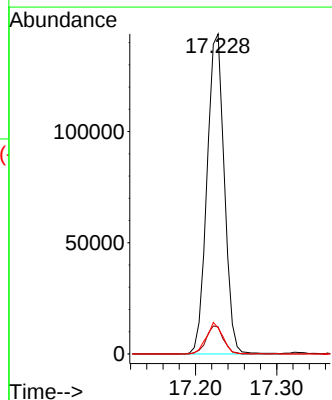
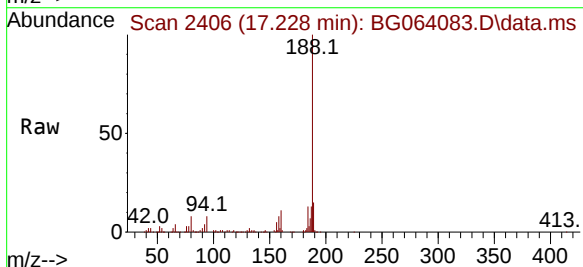
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

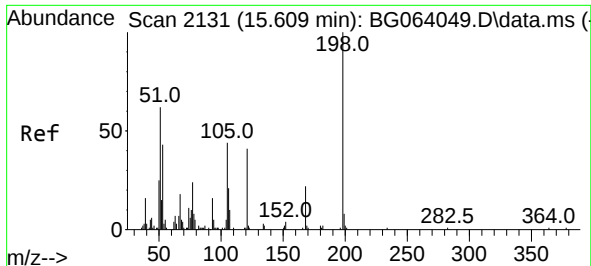
Tgt Ion:165 Resp: 12784
Ion Ratio Lower Upper
165 100
63 2.7 45.0 67.6#
89 2.2 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:188 Resp: 212136
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.2 8.1 12.1

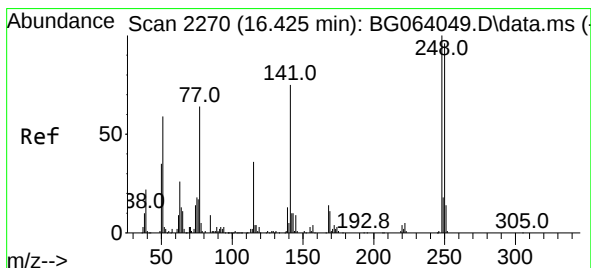
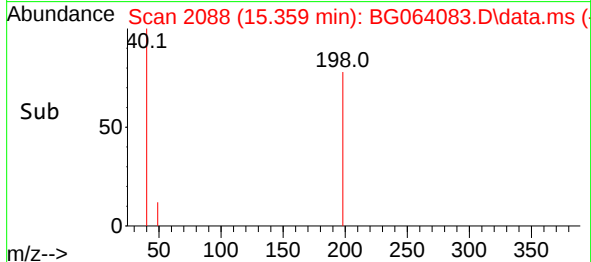
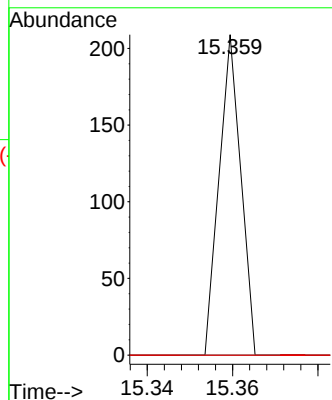
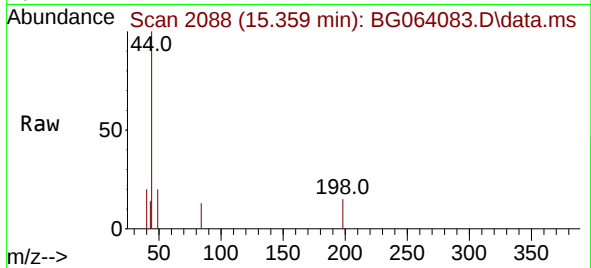




#65
4,6-Dinitro-2-methylphenol
Concen: 8.246 ng
RT: 15.359 min Scan# 2088
Delta R.T. -0.250 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

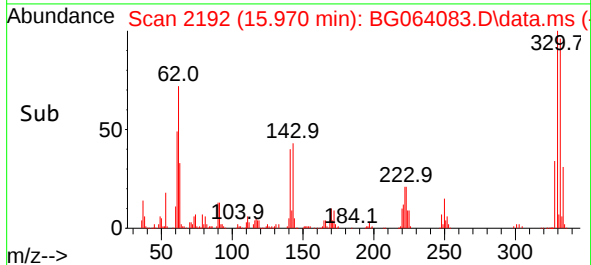
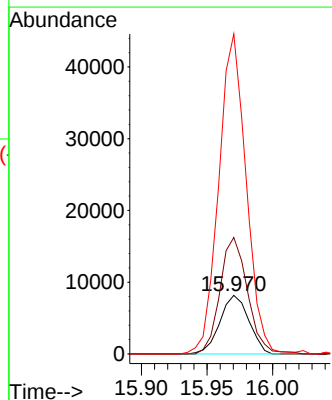
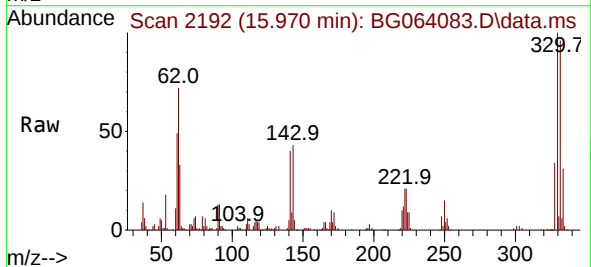
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

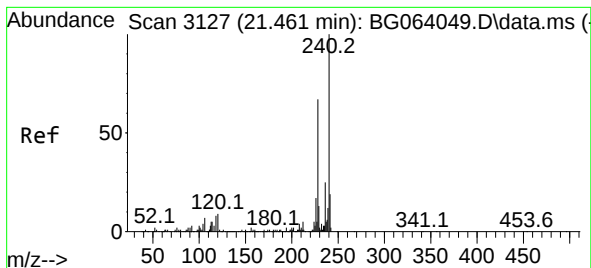
Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.776 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.455 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:248 Resp: 12549
Ion Ratio Lower Upper
248 100
250 199.0 77.1 115.7#
141 546.6 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.458 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02

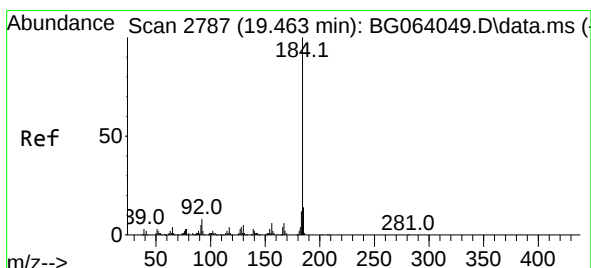
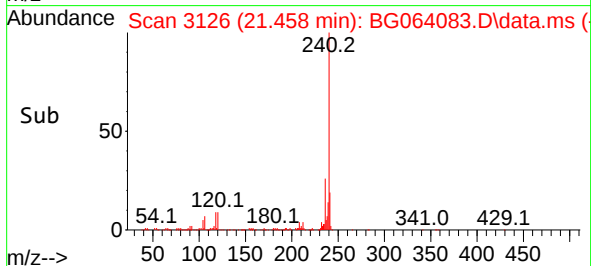
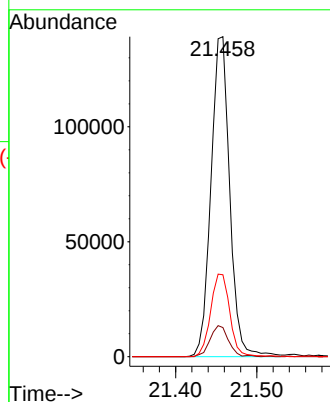
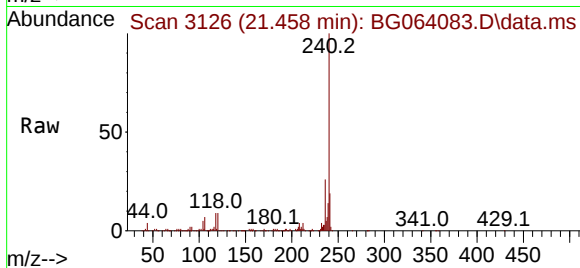
Tgt Ion:240 Resp: 223138

Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 25.6 20.2 30.2



#77

Benzidine

Concen: 6.968 ng

RT: 19.848 min Scan# 2852

Delta R.T. 0.385 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

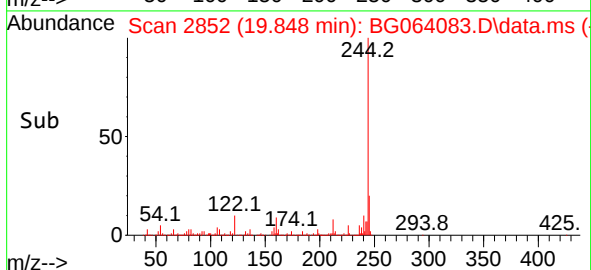
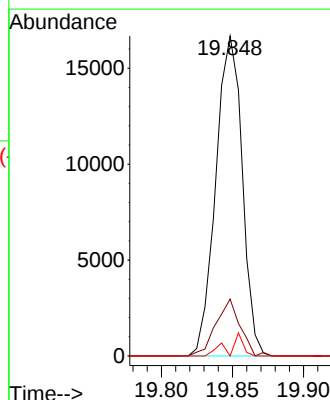
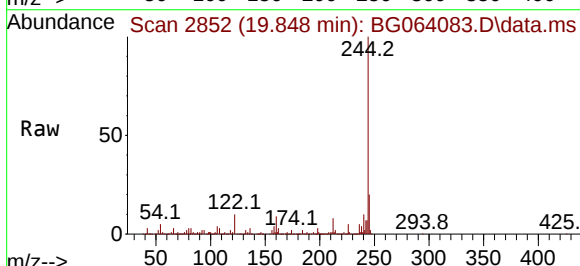
Tgt Ion:184 Resp: 21531

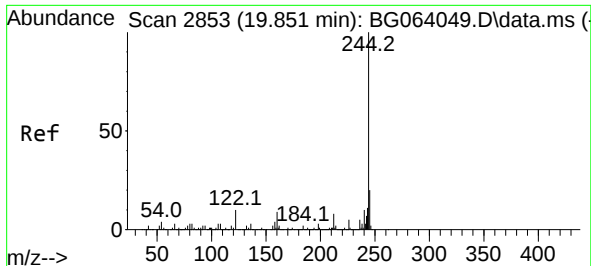
Ion Ratio Lower Upper

184 100

185 17.7 11.3 16.9#

183 0.0 9.5 14.3#

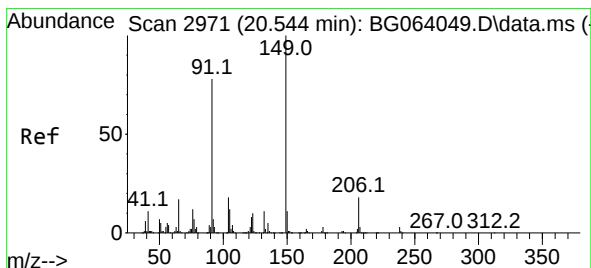
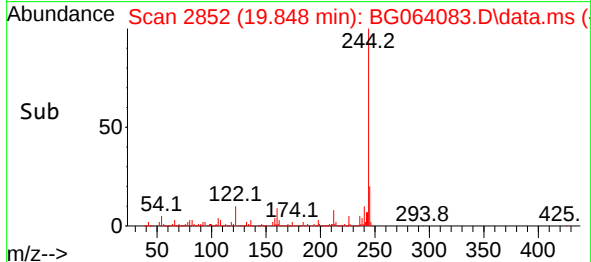
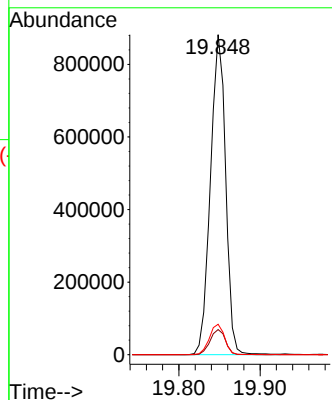
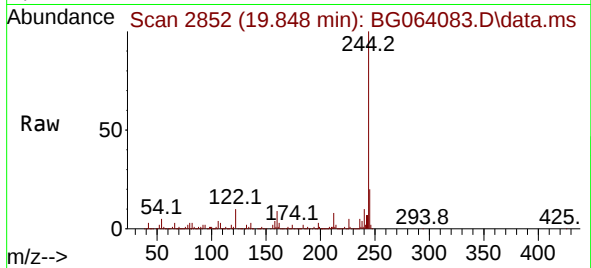




#79
 Terphenyl-d14
 Concen: 103.601 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG064083.D
 Acq: 10 Mar 2025 16:25

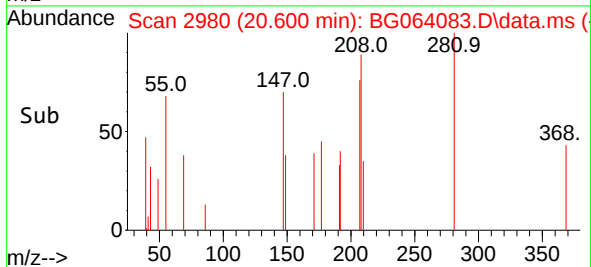
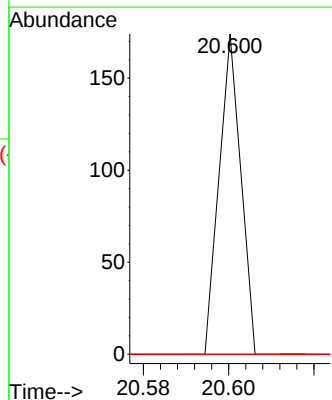
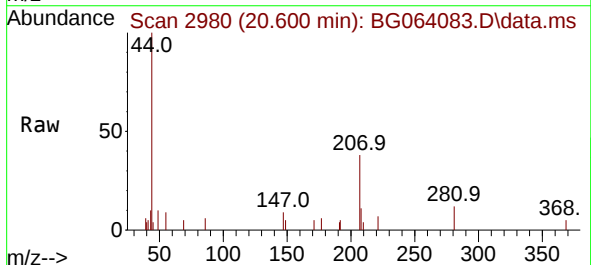
Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB02

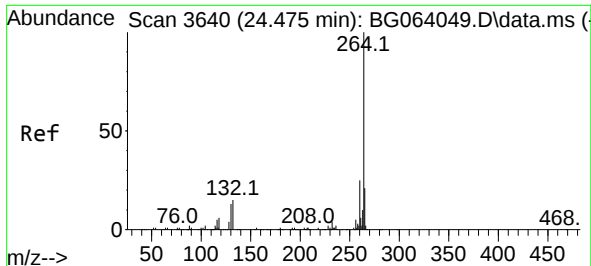
Tgt Ion:244 Resp: 1143296
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.5 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.648 ng
 RT: 20.600 min Scan# 2980
 Delta R.T. 0.056 min
 Lab File: BG064083.D
 Acq: 10 Mar 2025 16:25

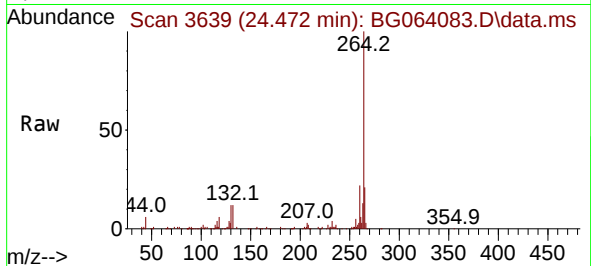
Tgt Ion:149 Resp: 61
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 14.6 21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.472 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02



Tgt Ion:264 Resp: 227657

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.1	16.6	25.0

