

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064082.D
 Acq On : 10 Mar 2025 15:44
 Operator : RC/JU
 Sample : Q1514-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB01

Quant Time: Mar 10 19:06:03 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)

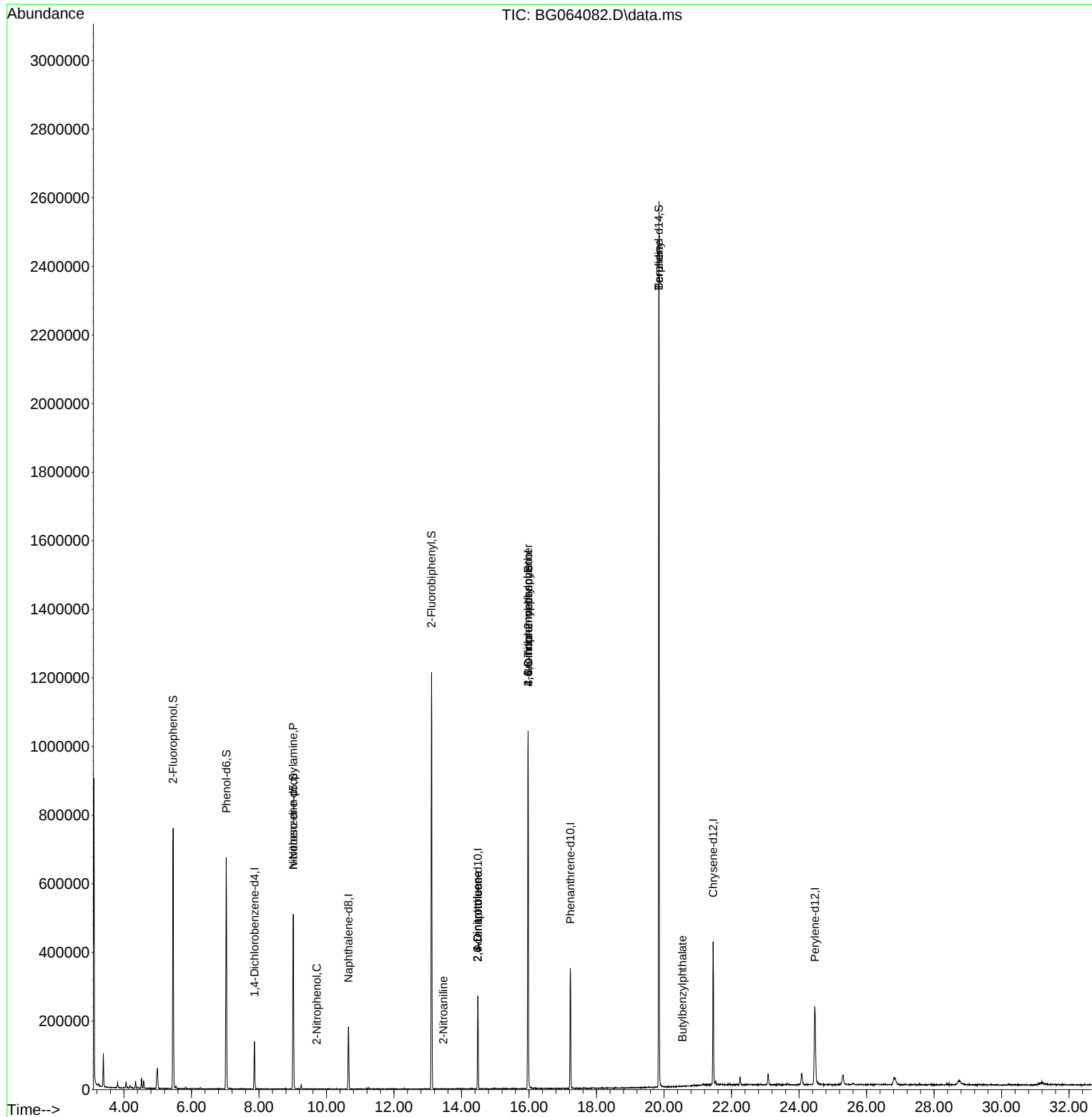
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	33115	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	135273	20.000	ng	0.00
39) Acenaphthene-d10	14.485	164	90840	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	211884	20.000	ng	0.00
76) Chrysene-d12	21.454	240	226453	20.000	ng	0.00
86) Perylene-d12	24.468	264	238169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	276035	130.157	ng	0.00
7) Phenol-d6	7.029	99	317763	110.139	ng	0.00
23) Nitrobenzene-d5	9.015	82	258664	105.670	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	173206	171.533	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	558838	93.378	ng	0.00
79) Terphenyl-d14	19.850	244	1203117	107.426	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.015	70	37220	18.382	ng	# 70
26) 2-Nitrophenol	9.709	139	55	3.352	ng	# 26
48) 2-Nitroaniline	13.457	65	53	3.248	ng	# 11
51) 2,6-Dinitrotoluene	14.480	165	12134	11.653	ng	# 15
57) 2,4-Dinitrotoluene	14.480	165	12134	9.619	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.972	198	766	8.873	ng	# 1
67) 4-Bromophenyl-phenylether	15.972	248	11881	5.475	ng	# 1
77) Benzidine	19.850	184	22677	7.232	ng	# 81
80) Butylbenzylphthalate	20.543	149	81	3.651	ng	# 20

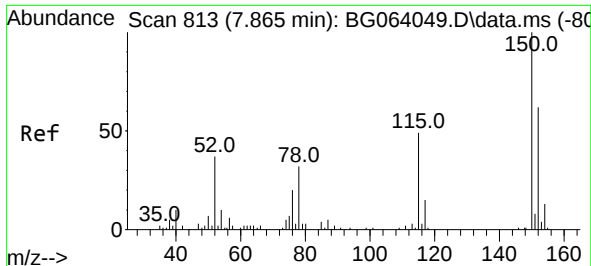
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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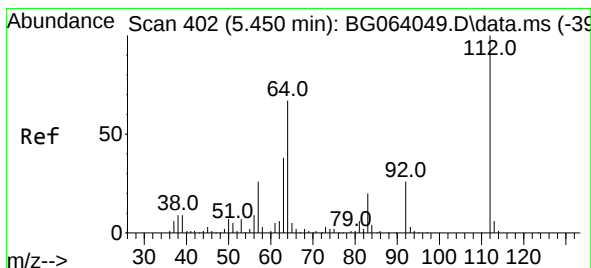
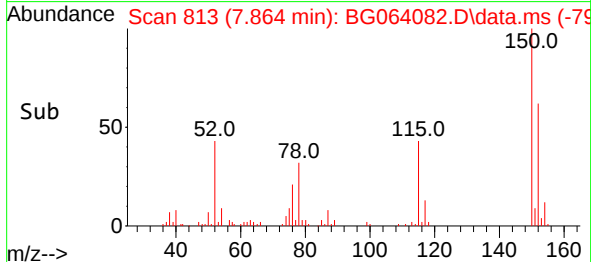
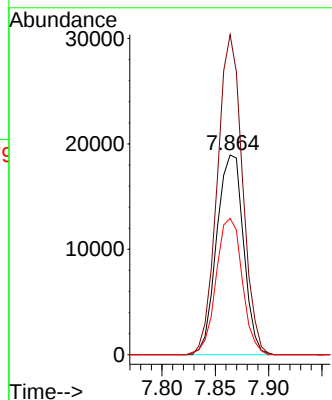
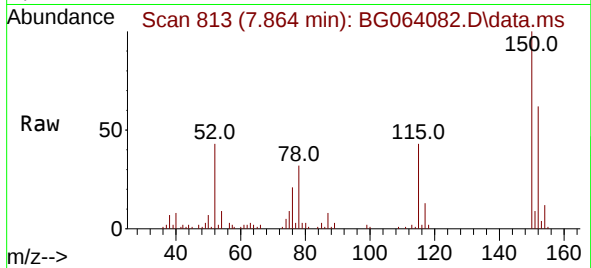




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

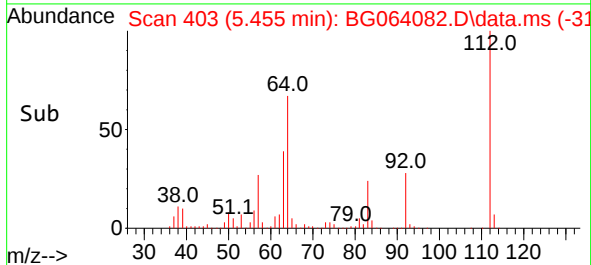
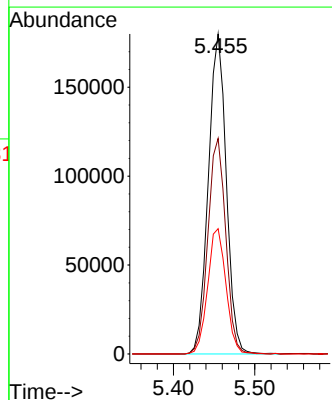
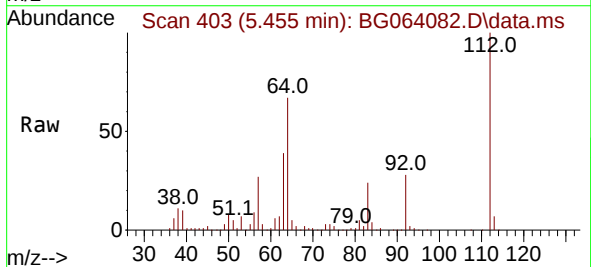
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

Tgt Ion:152 Resp: 33115
Ion Ratio Lower Upper
152 100
150 160.3 129.2 193.8
115 68.3 63.0 94.6



#5
2-Fluorophenol
Concen: 130.157 ng
RT: 5.455 min Scan# 403
Delta R.T. 0.005 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:112 Resp: 276035
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 39.2 30.2 45.4

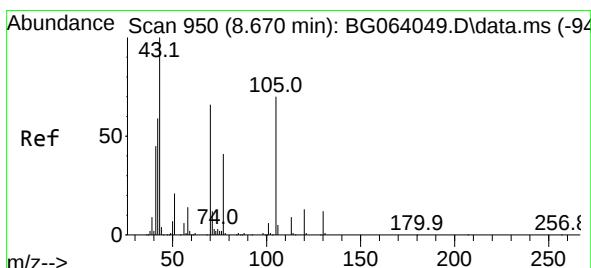
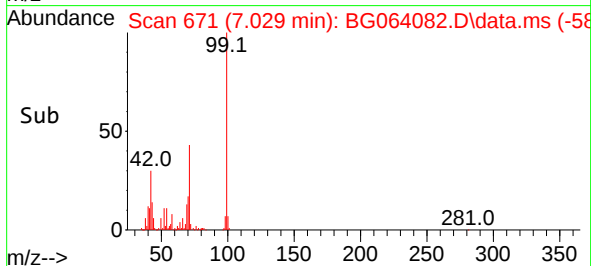
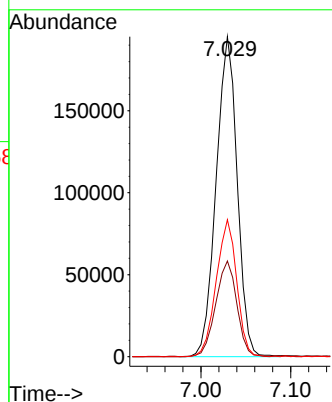
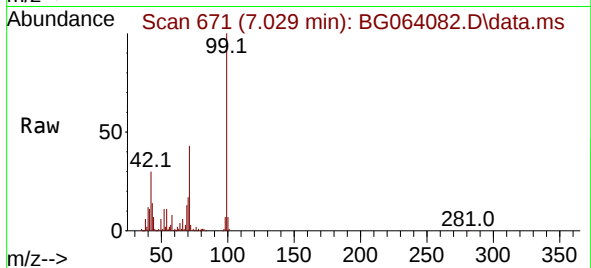




#7
Phenol-d6
Concen: 110.139 ng
RT: 7.029 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

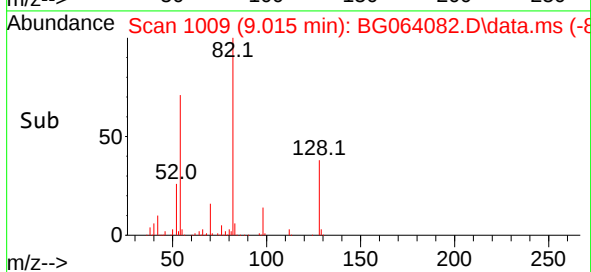
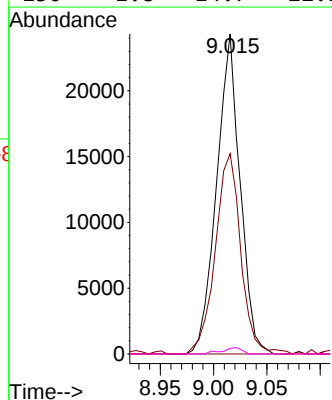
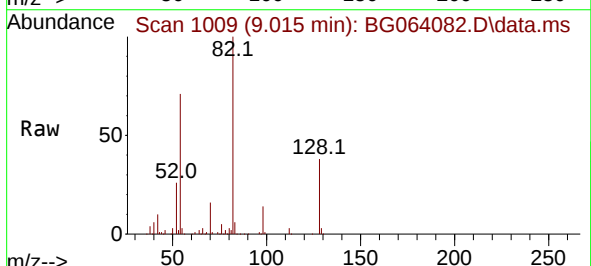
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

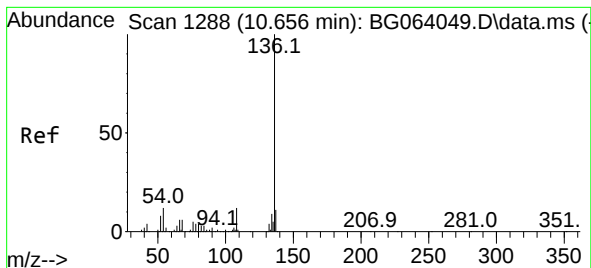
Tgt Ion: 99 Resp: 317763
Ion Ratio Lower Upper
99 100
42 29.9 22.7 34.1
71 42.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.382 ng
RT: 9.015 min Scan# 1009
Delta R.T. 0.346 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion: 70 Resp: 37220
Ion Ratio Lower Upper
70 100
42 62.6 72.1 108.1#
101 0.0 7.2 10.8#
130 1.8 14.7 22.1#

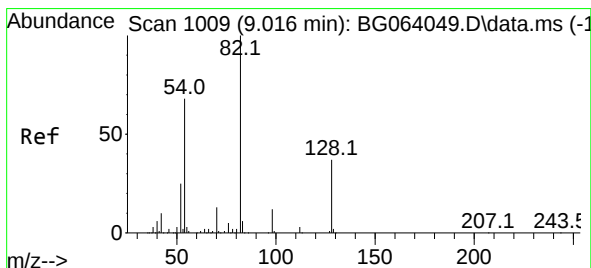
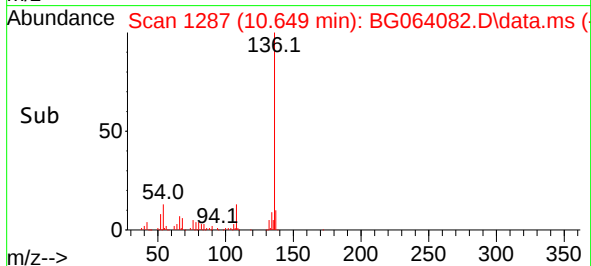
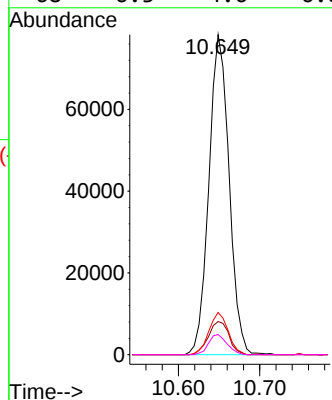
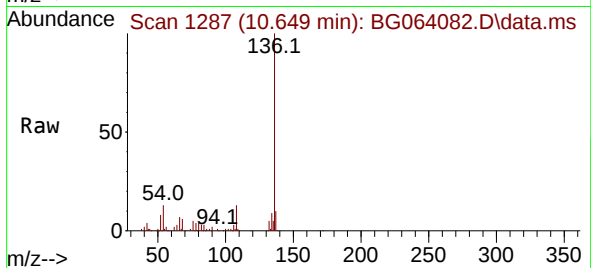




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

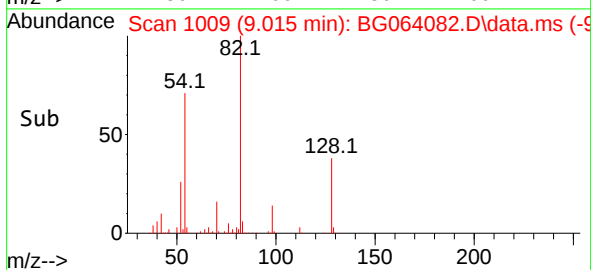
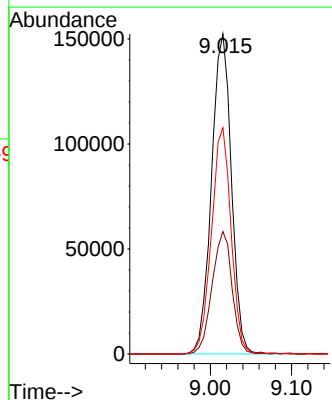
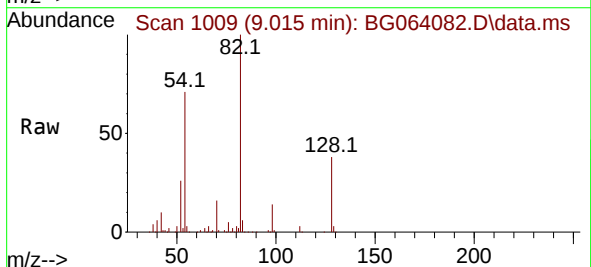
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

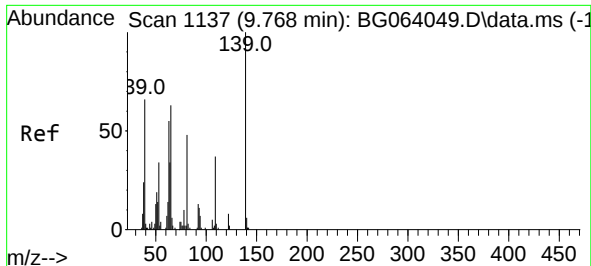
Tgt Ion:	136	Resp:	135273
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	13.2	9.9	14.9
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 105.670 ng
RT: 9.015 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:	82	Resp:	258664
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	70.7	54.7	82.1

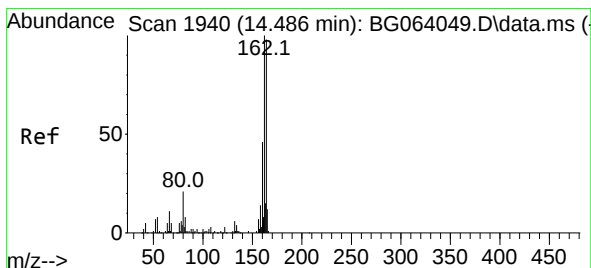
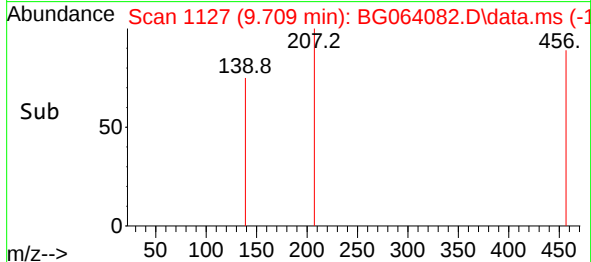
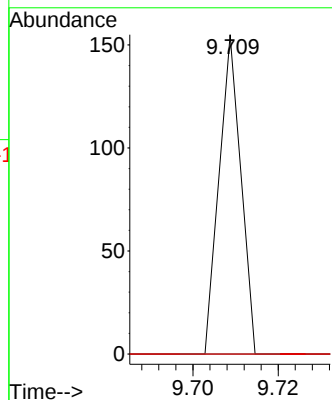
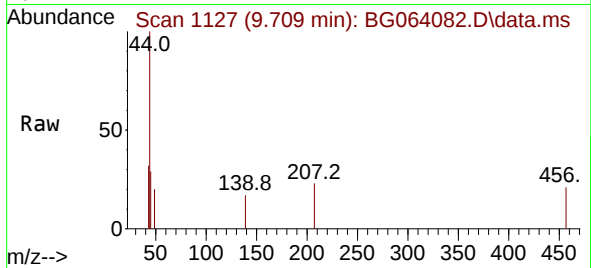




#26
2-Nitrophenol
Concen: 3.352 ng
RT: 9.709 min Scan# 1137
Delta R.T. -0.059 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

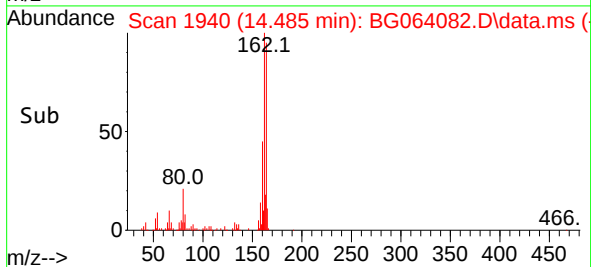
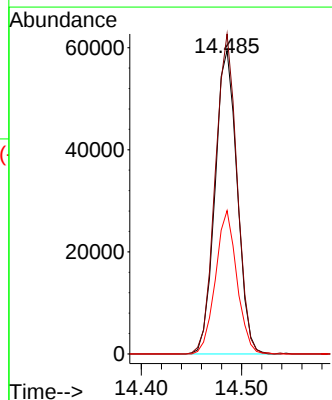
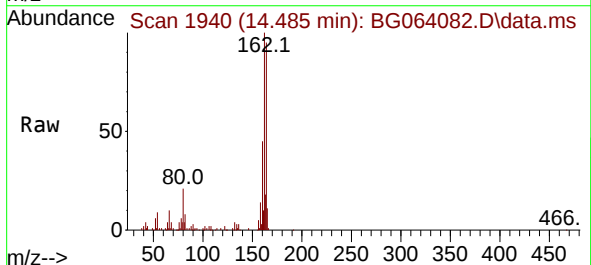
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

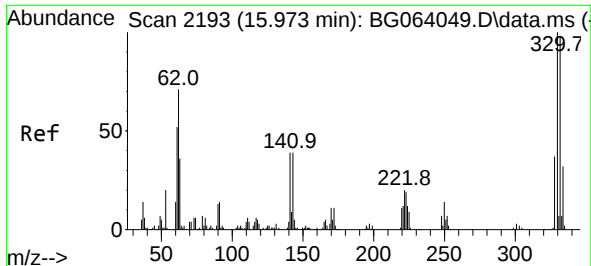
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.485 min Scan# 1940
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:164 Resp: 90840
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 47.2 37.0 55.6

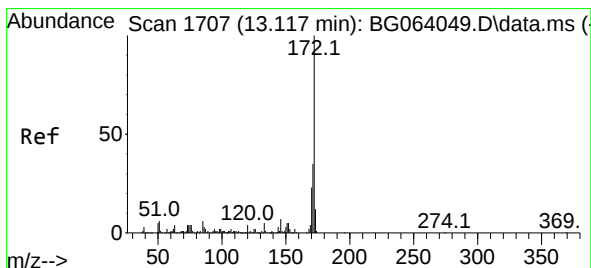
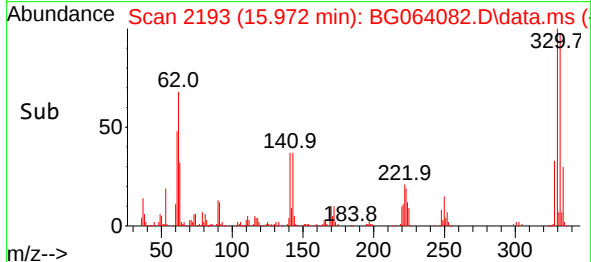
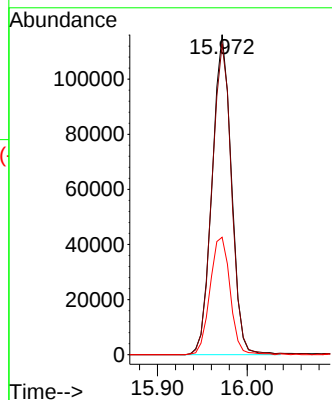
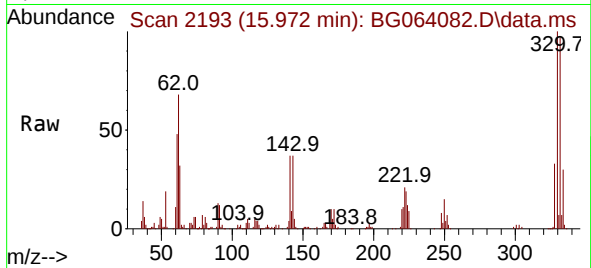




#42
2,4,6-Tribromophenol
Concen: 171.533 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

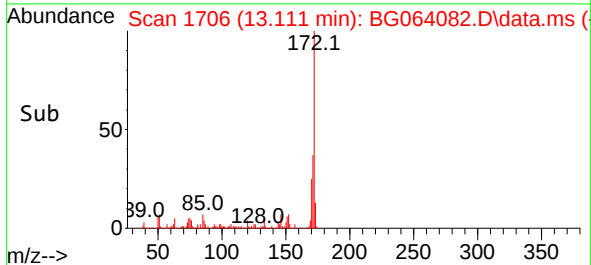
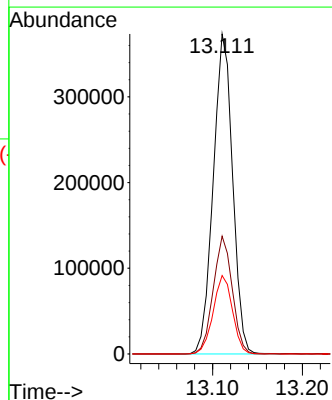
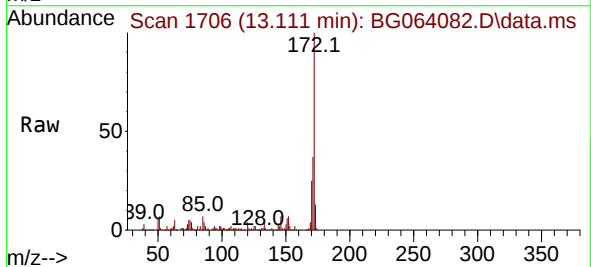
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

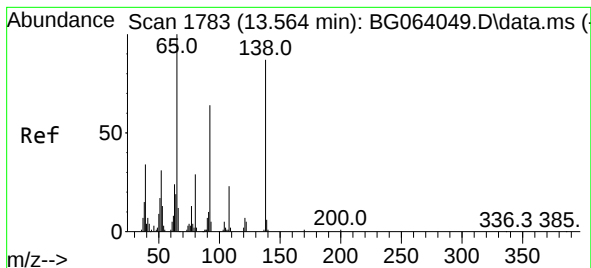
Tgt Ion:330 Resp: 173206
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 38.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 93.378 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:172 Resp: 558838
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 24.5 18.7 28.1





#48

2-Nitroaniline

Concen: 3.248 ng

RT: 13.457 min Scan# 1

Delta R.T. -0.107 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB01

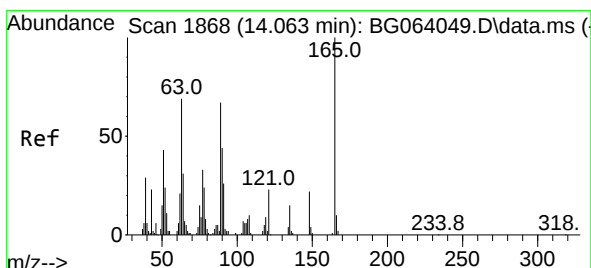
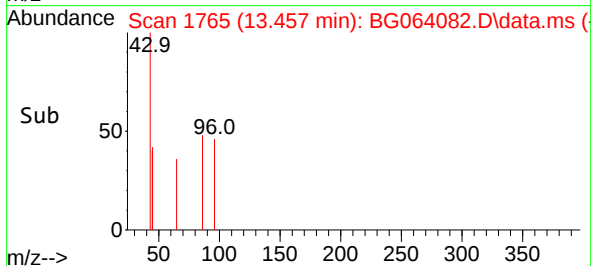
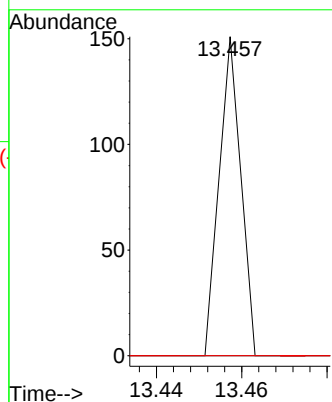
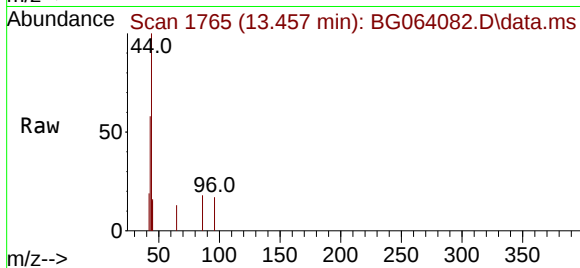
Tgt Ion: 65 Resp: 53

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: 11.653 ng

RT: 14.480 min Scan# 1939

Delta R.T. 0.417 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

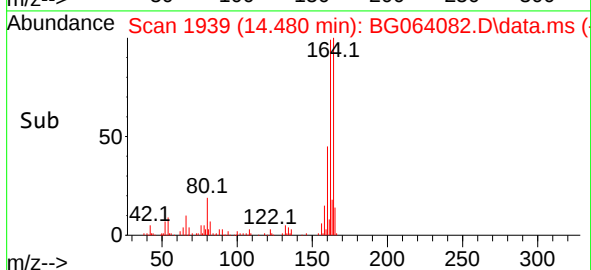
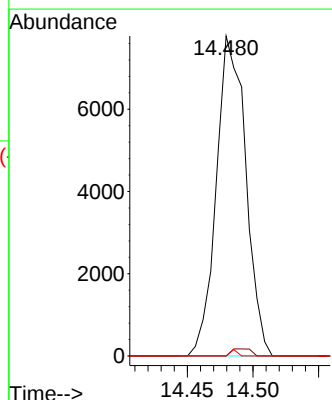
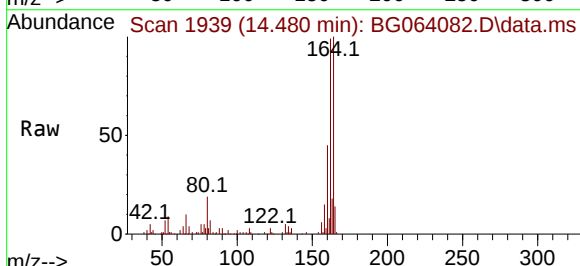
Tgt Ion:165 Resp: 12134

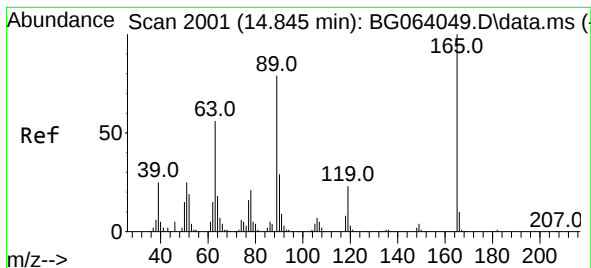
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 0.0 53.7 80.5#

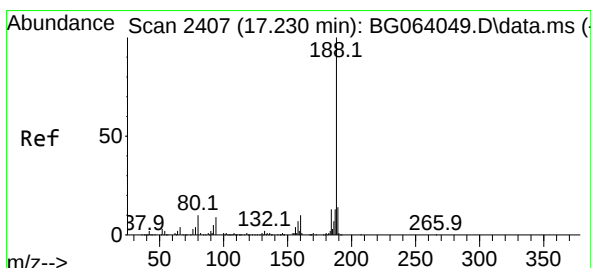
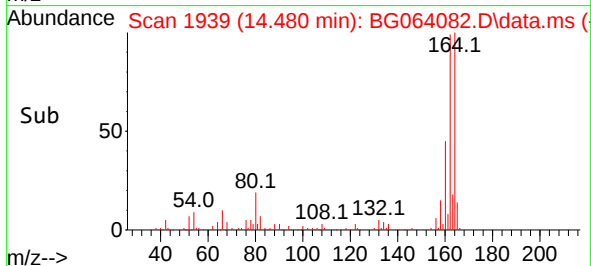
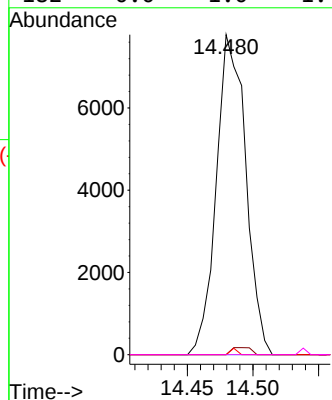
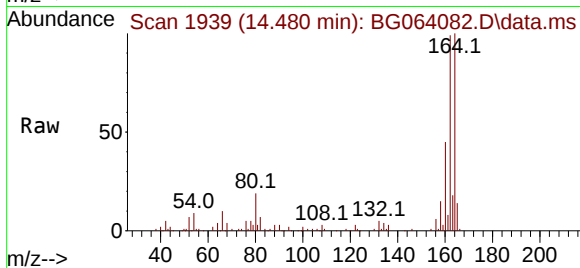




#57
2,4-Dinitrotoluene
Concen: 9.619 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.365 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

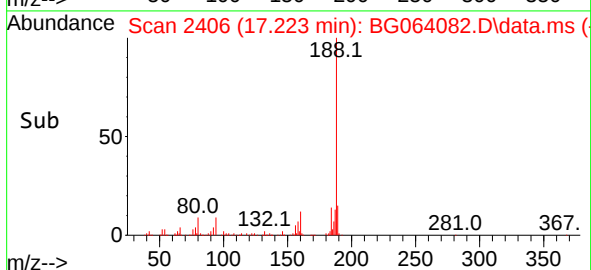
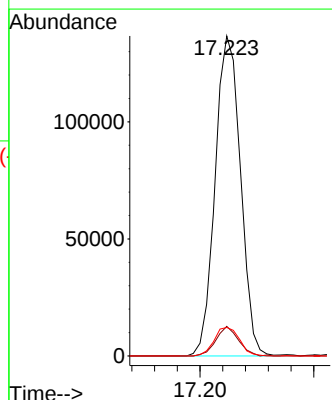
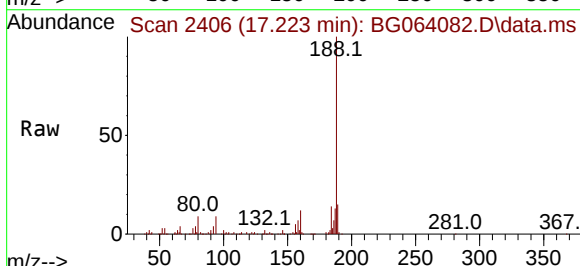
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

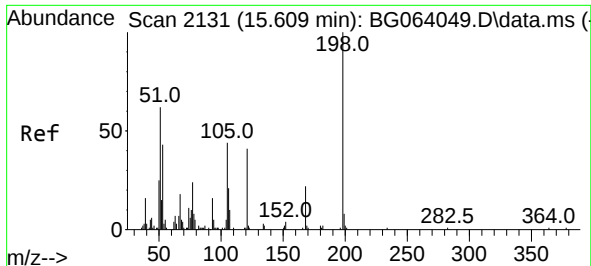
Tgt Ion:	165	Resp:	12134
Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	0.0	63.1	94.7#
182	0.0	1.0	1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.223 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:	188	Resp:	211884
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	8.9	8.1	12.1

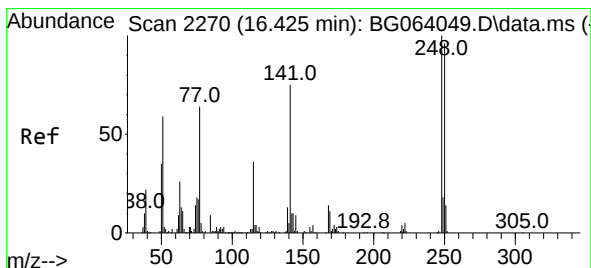
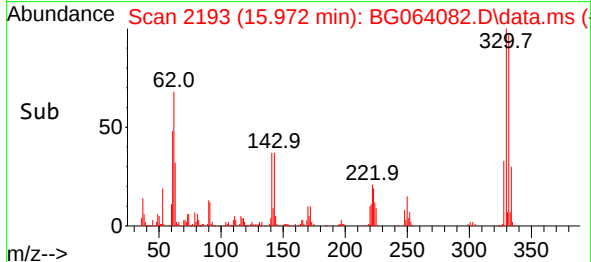
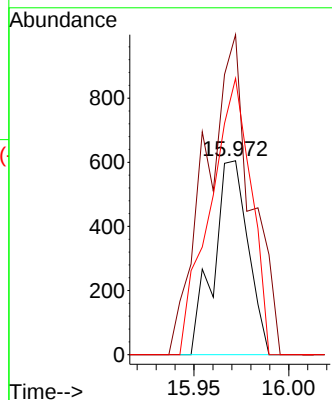
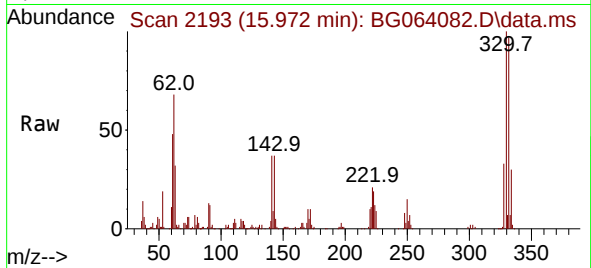




#65
4,6-Dinitro-2-methylphenol
Concen: 8.873 ng
RT: 15.972 min Scan# 2131
Delta R.T. 0.363 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

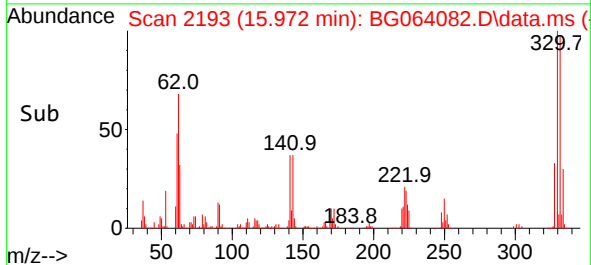
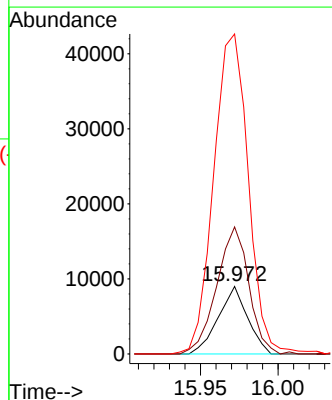
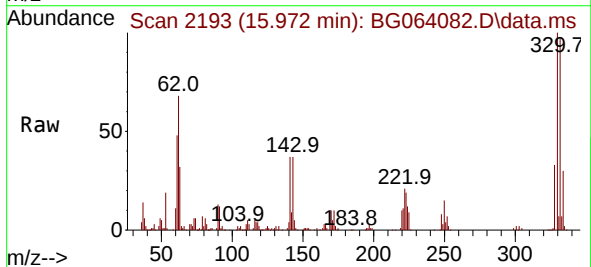
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

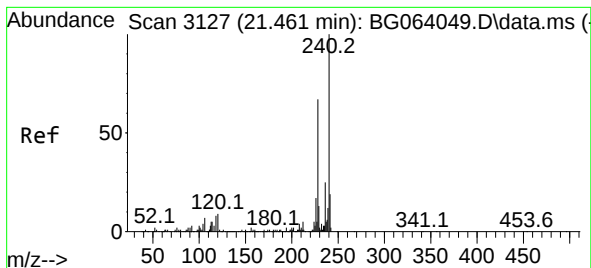
Tgt Ion:198 Resp: 766
Ion Ratio Lower Upper
198 100
51 165.0 45.6 85.6#
105 142.5 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.475 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:248 Resp: 11881
Ion Ratio Lower Upper
248 100
250 188.0 77.1 115.7#
141 473.4 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB01

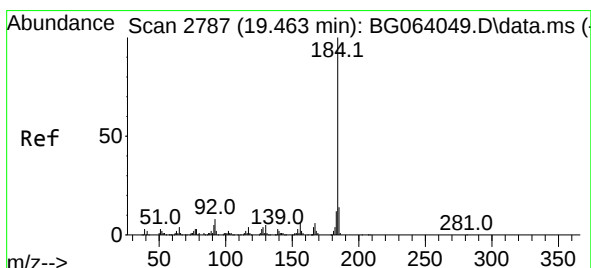
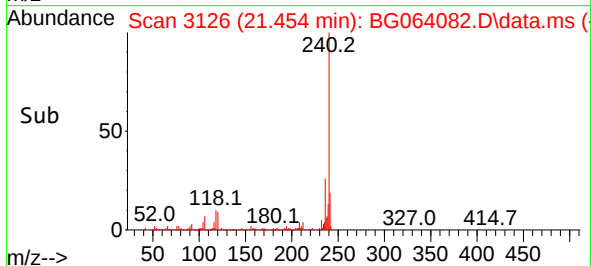
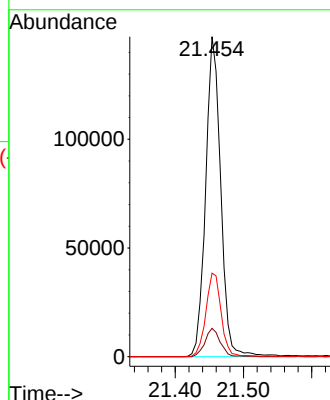
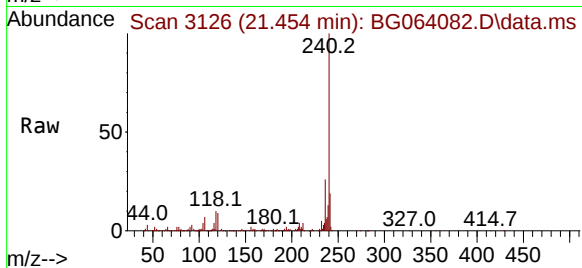
Tgt Ion:240 Resp: 226453

Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 26.1 20.2 30.2



#77

Benzidine

Concen: 7.232 ng

RT: 19.850 min Scan# 2853

Delta R.T. 0.387 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

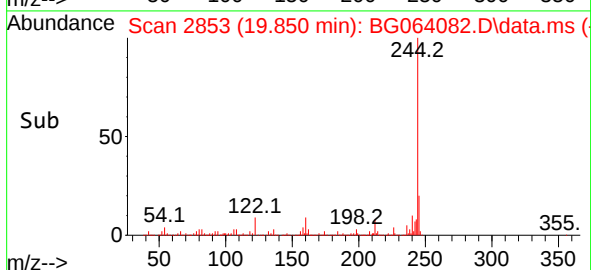
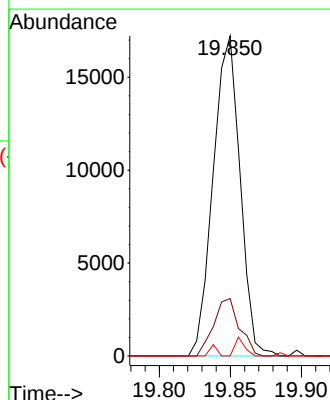
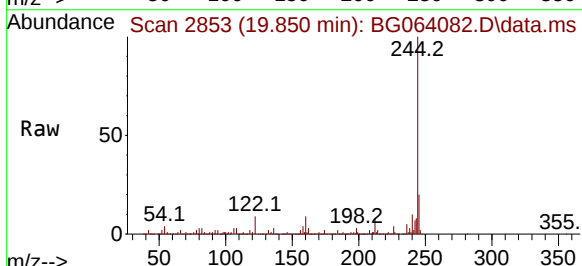
Tgt Ion:184 Resp: 22677

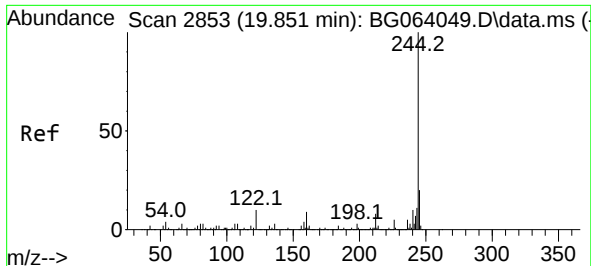
Ion Ratio Lower Upper

184 100

185 17.9 11.3 16.9#

183 0.0 9.5 14.3#

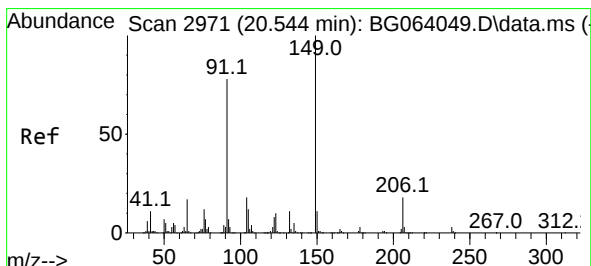
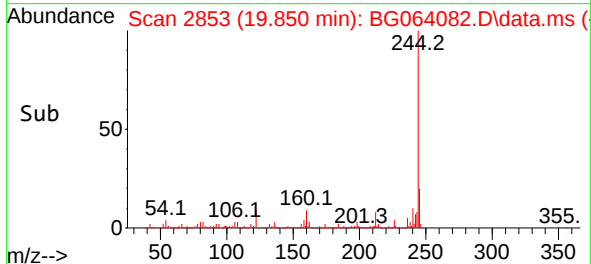
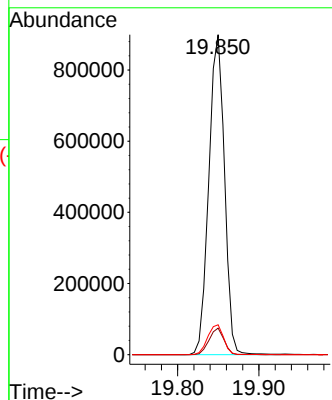
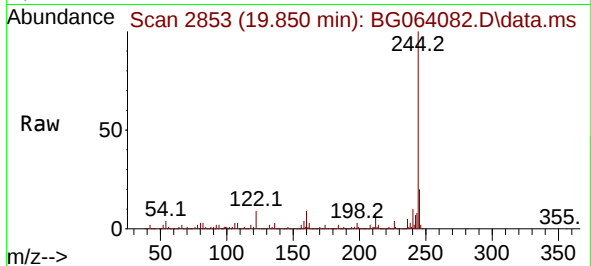




#79
 Terphenyl-d14
 Concen: 107.426 ng
 RT: 19.850 min Scan# 2853
 Delta R.T. -0.001 min
 Lab File: BG064082.D
 Acq: 10 Mar 2025 15:44

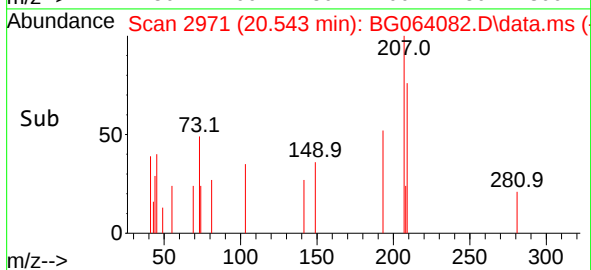
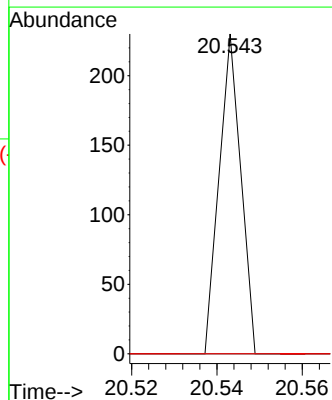
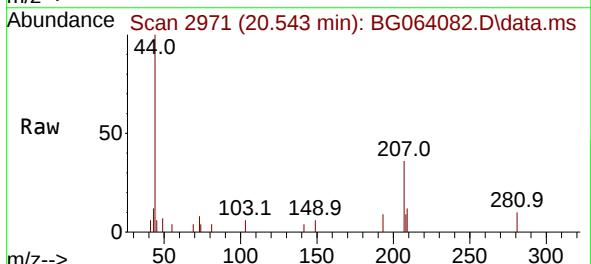
Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB01

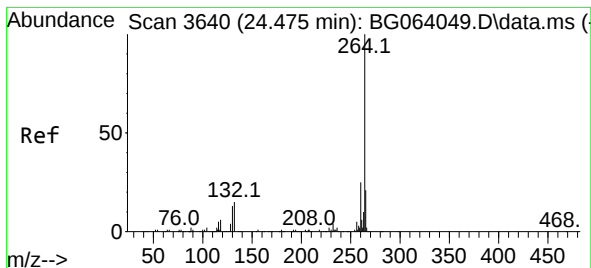
Tgt Ion:244 Resp: 1203117
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 9.3 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.651 ng
 RT: 20.543 min Scan# 2971
 Delta R.T. -0.001 min
 Lab File: BG064082.D
 Acq: 10 Mar 2025 15:44

Tgt Ion:149 Resp: 81
 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: 24.468 min Scan# 30

Delta R.T. -0.007 min

Lab File: BG064082.D

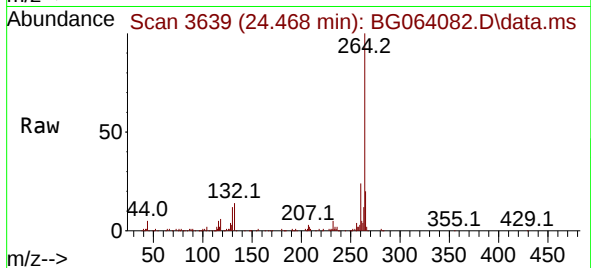
Acq: 10 Mar 2025 15:44

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB01



Tgt Ion:264 Resp: 238169

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 20.4 16.6 25.0

