

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064081.D
 Acq On : 10 Mar 2025 15:04
 Operator : RC/JU
 Sample : Q1488-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-104-SB02

Quant Time: Mar 10 16:46:08 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)

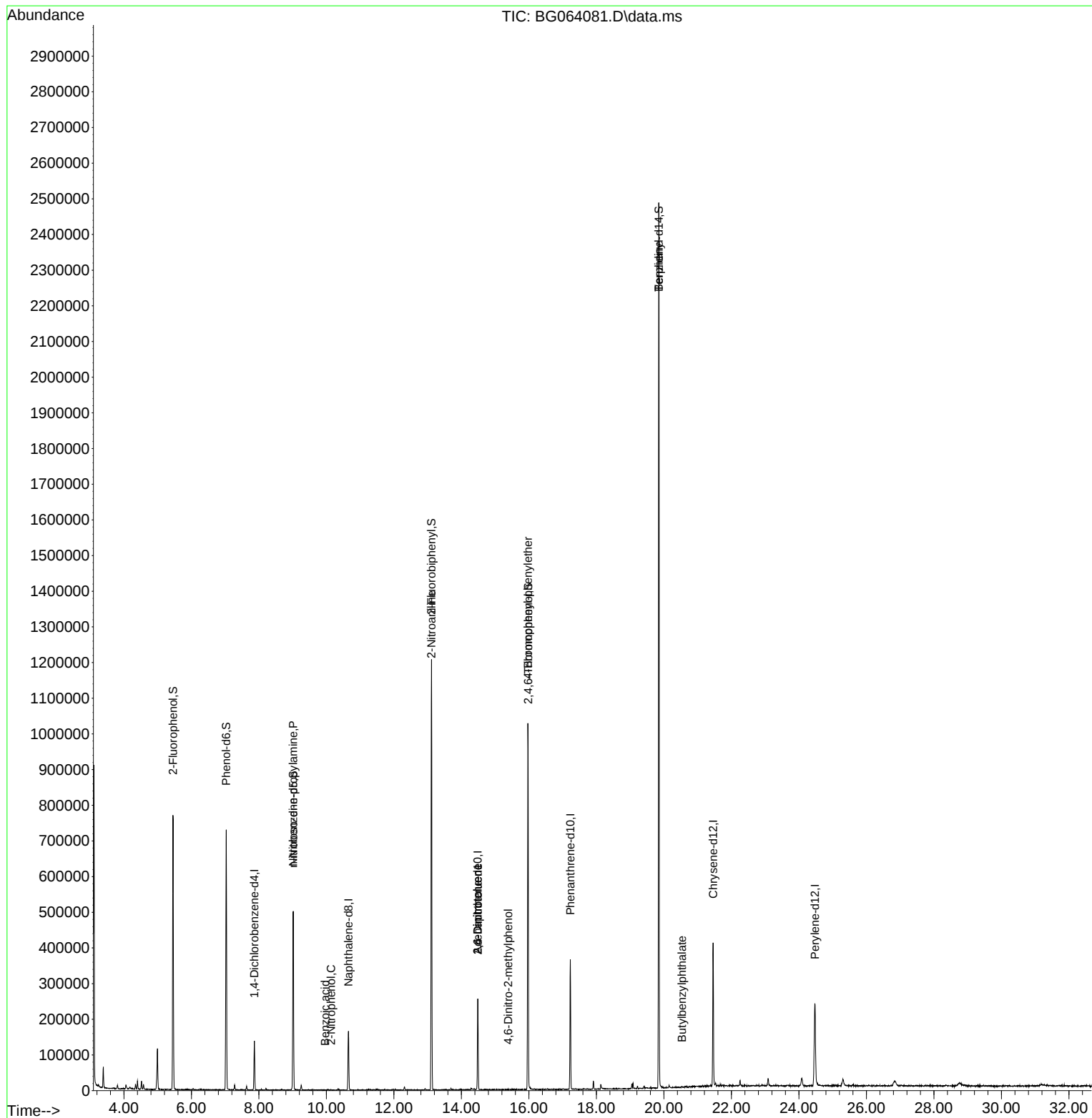
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	32215	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	132011	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	87599	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	206278	20.000	ng	0.00
76) Chrysene-d12	21.456	240	226436	20.000	ng	0.00
86) Perylene-d12	24.471	264	234414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	291410	141.245	ng	0.00
7) Phenol-d6	7.032	99	347316	123.746	ng	0.00
23) Nitrobenzene-d5	9.018	82	260514	109.055	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	165587	170.055	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	574775	99.595	ng	0.00
79) Terphenyl-d14	19.852	244	1190844	106.338	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.012	70	36820	18.693	ng	# 75
26) 2-Nitrophenol	10.134	139	86	3.394	ng	# 26
32) Benzoic acid	9.958	122	76	8.737	ng	# 1
48) 2-Nitroaniline	13.107	65	1387	4.140	ng	# 1
51) 2,6-Dinitrotoluene	14.482	165	12384	12.137	ng	# 15
57) 2,4-Dinitrotoluene	14.482	165	12384	9.968	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.387	198	68	8.242	ng	# 13
67) 4-Bromophenyl-phenylether	15.969	248	12004	5.682	ng	# 1
77) Benzidine	19.847	184	23645	7.541	ng	# 93
80) Butylbenzylphthalate	20.534	149	205	3.672	ng	# 61

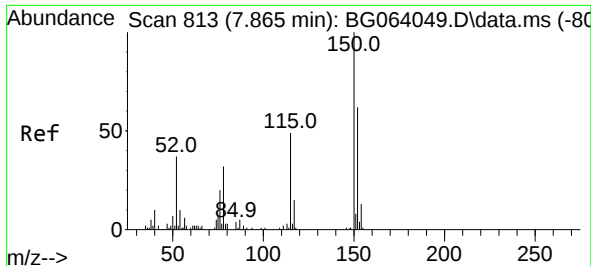
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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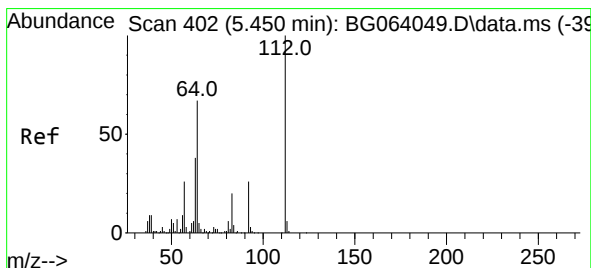
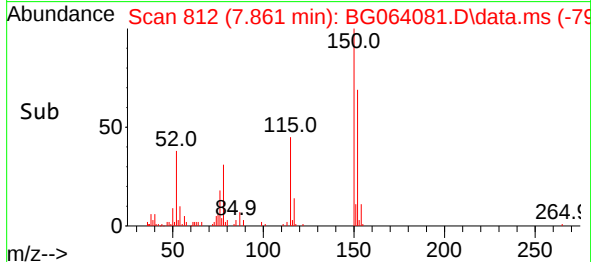
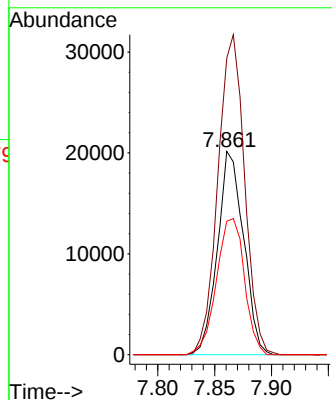
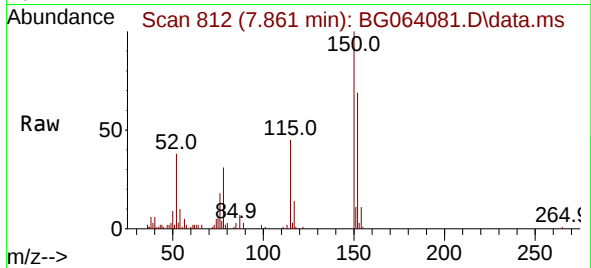




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

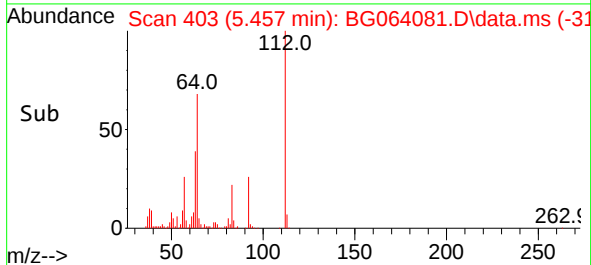
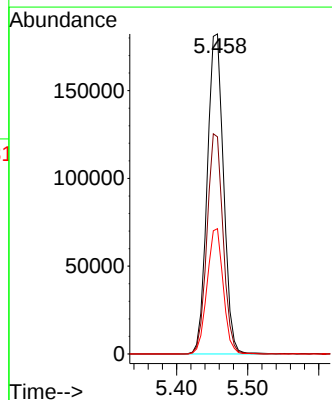
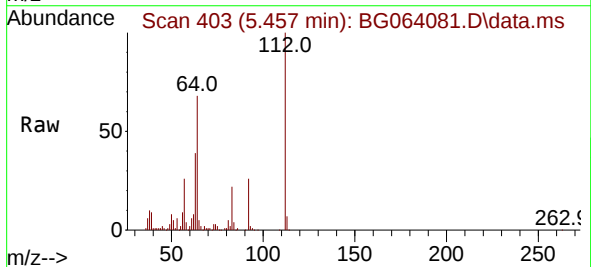
Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

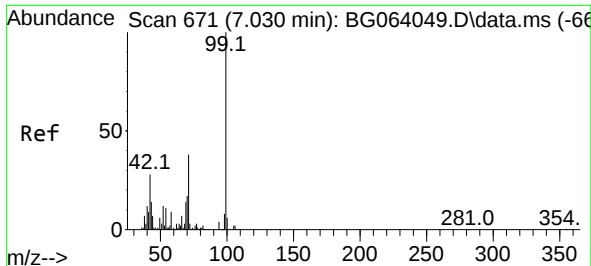
Tgt Ion:152 Resp: 32215
Ion Ratio Lower Upper
152 100
150 145.8 129.2 193.8
115 65.6 63.0 94.6



#5
2-Fluorophenol
Concen: 141.245 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.008 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:112 Resp: 291410
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 39.1 30.2 45.4

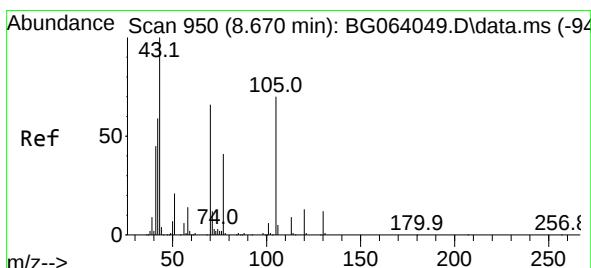
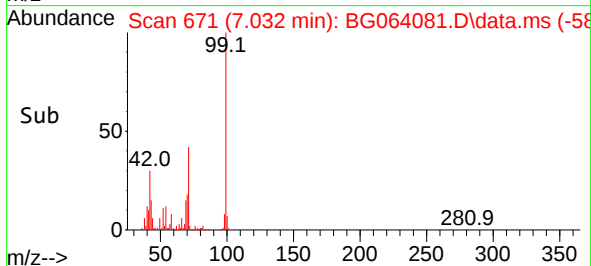
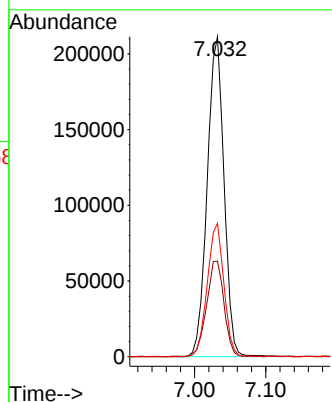
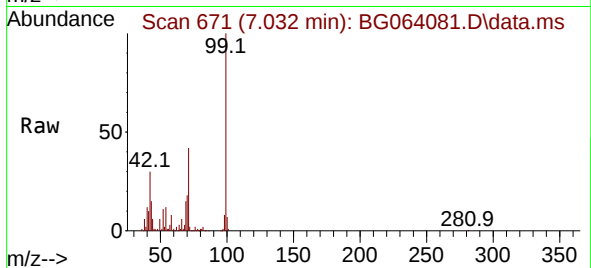




#7
Phenol-d6
Concen: 123.746 ng
RT: 7.032 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

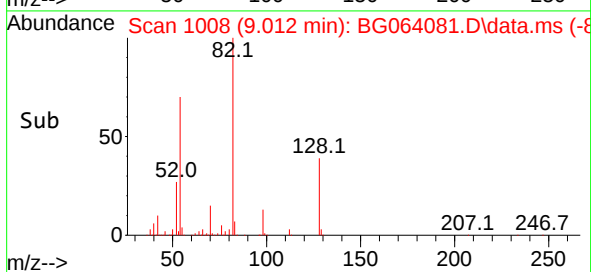
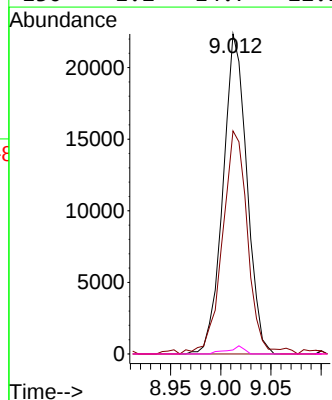
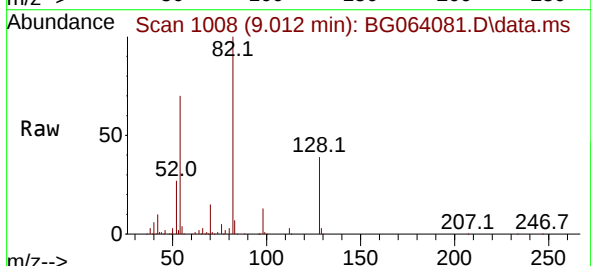
Instrument :
BNA_G
ClientSampleId :
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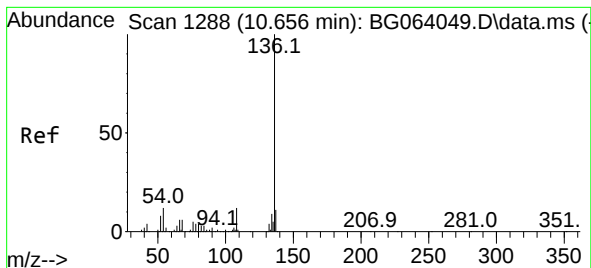
Tgt Ion: 99 Resp: 347316
Ion Ratio Lower Upper
99 100
42 29.9 22.7 34.1
71 41.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.693 ng
RT: 9.012 min Scan# 1008
Delta R.T. 0.343 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion: 70 Resp: 36820
Ion Ratio Lower Upper
70 100
42 69.7 72.1 108.1#
101 0.0 7.2 10.8#
130 1.2 14.7 22.1#

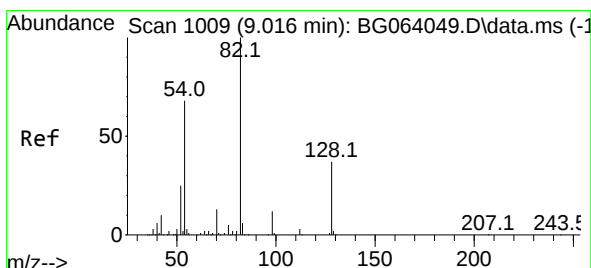
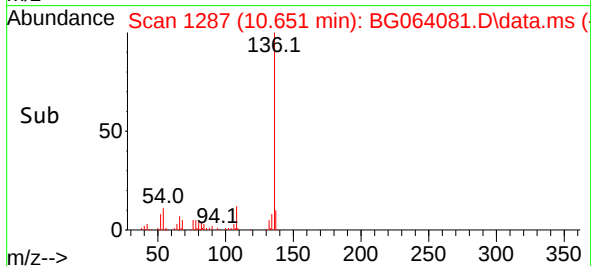
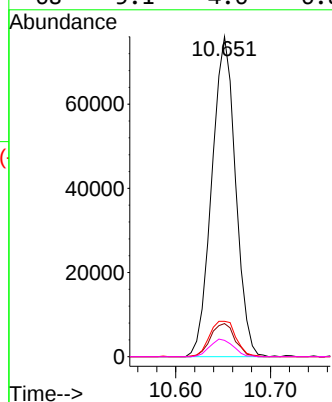
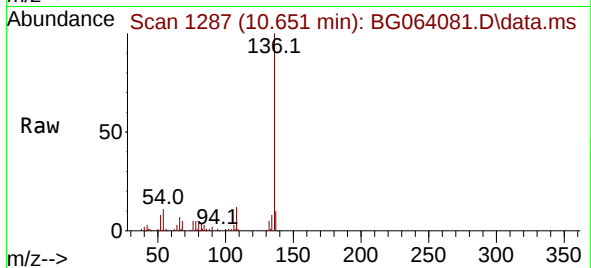




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

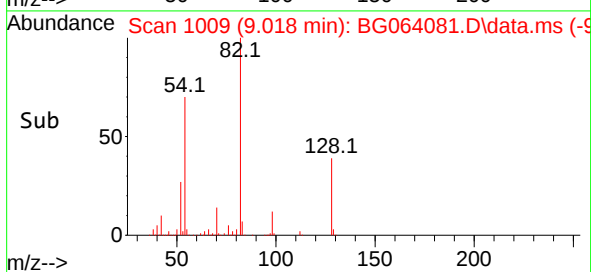
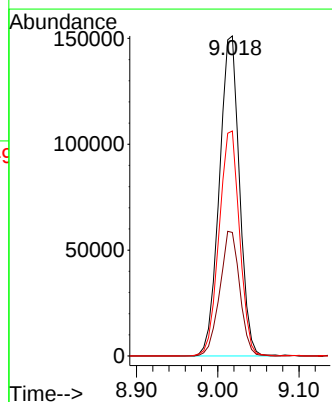
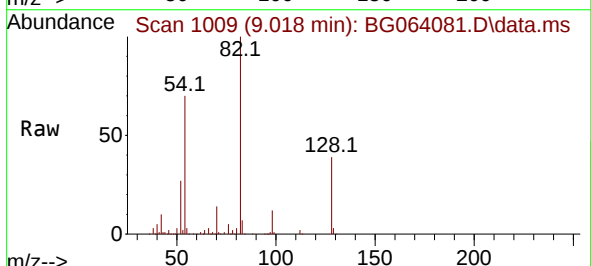
Instrument :
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ClientSampleId :
ENV-104-SB02

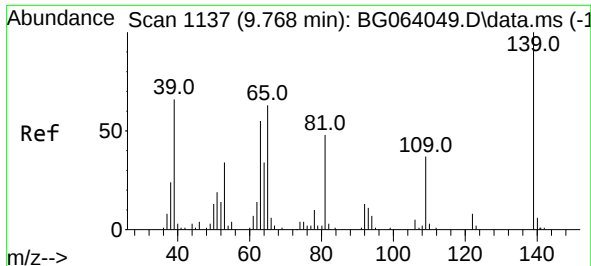
Tgt Ion:136	Resp:	132011
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	11.1	9.9 14.9
68	5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 109.055 ng
RT: 9.018 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion: 82	Resp:	260514
Ion Ratio	Lower	Upper
82	100	
128	38.6	30.0 45.0
54	70.3	54.7 82.1

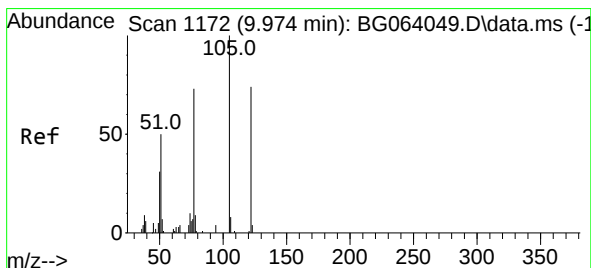
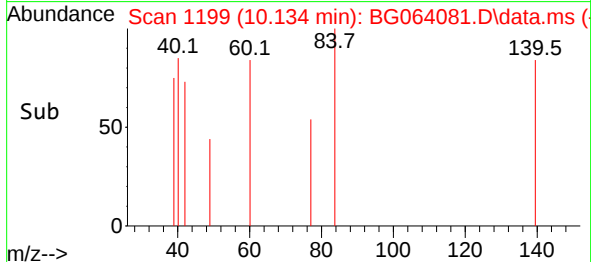
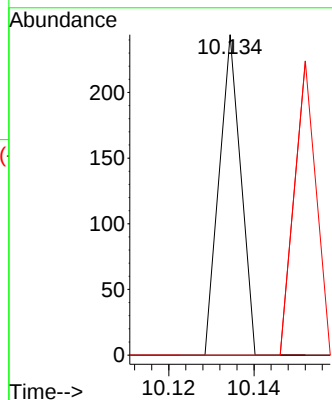
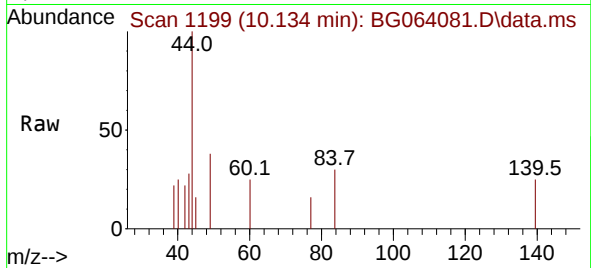




#26
2-Nitrophenol
Concen: 3.394 ng
RT: 10.134 min Scan# 1137
Delta R.T. 0.366 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

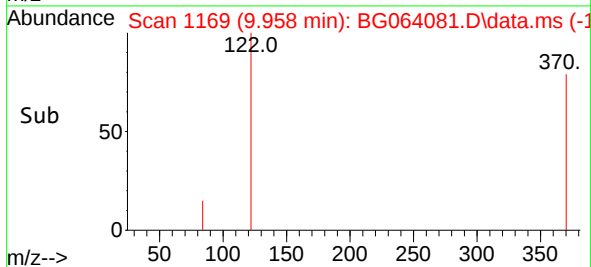
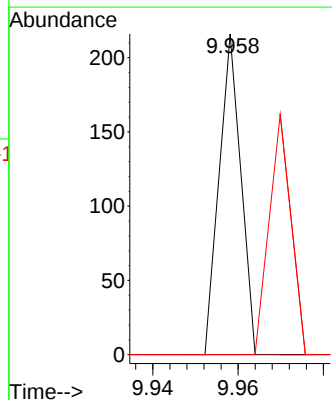
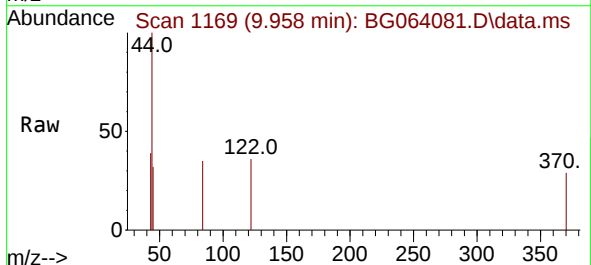
Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

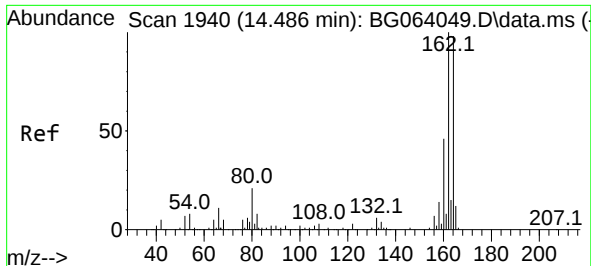
Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.737 ng
RT: 9.958 min Scan# 1169
Delta R.T. -0.016 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:122 Resp: 76
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#

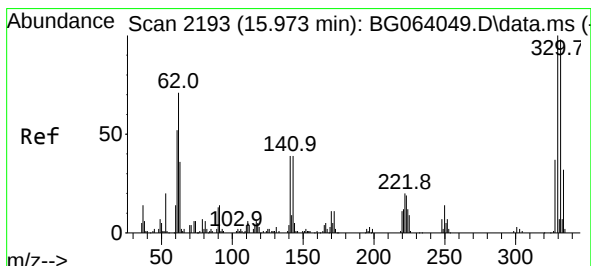
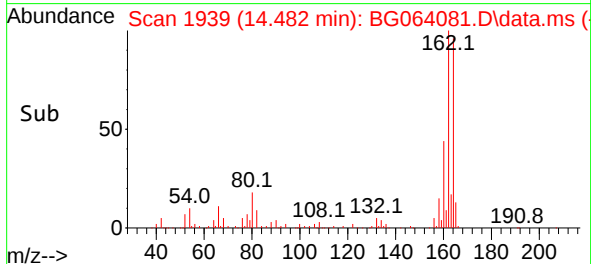
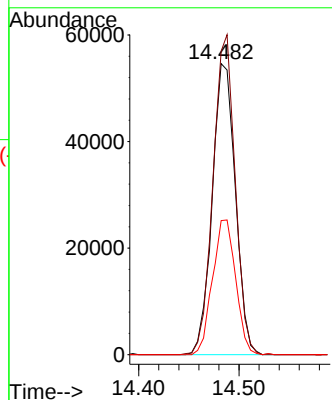
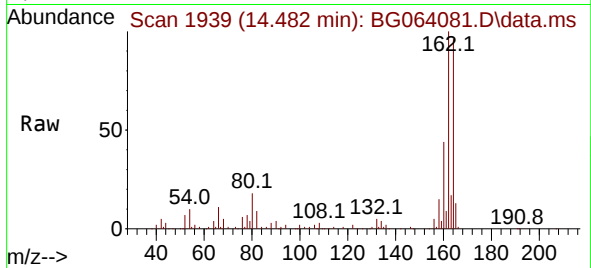




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

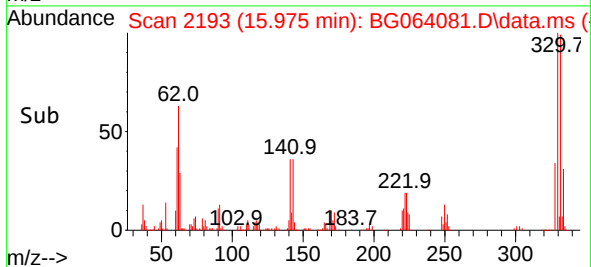
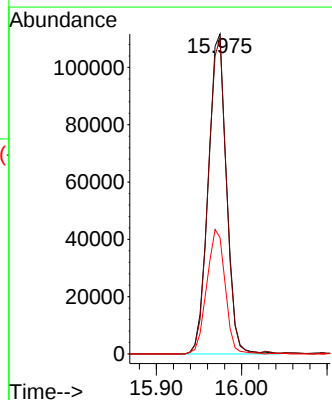
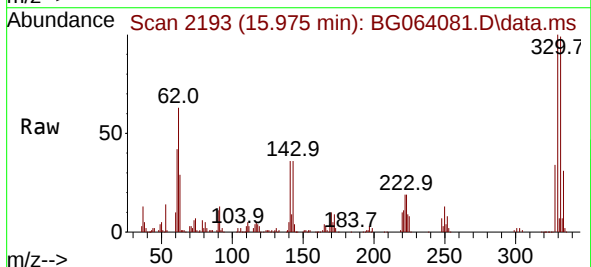
Instrument :
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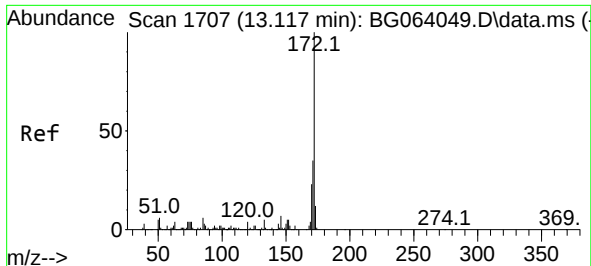
Tgt Ion:164 Resp: 87599
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 46.1 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 170.055 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:330 Resp: 165587
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 39.2 29.7 44.5

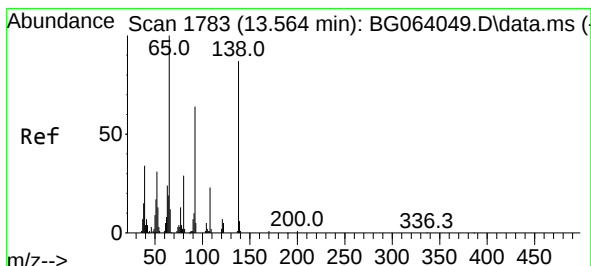
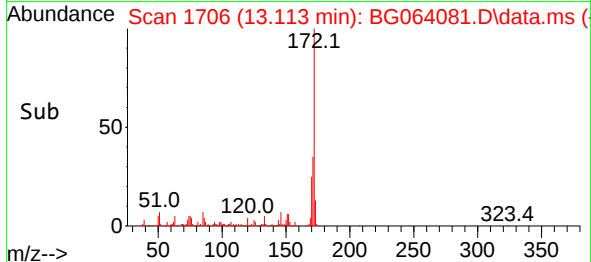
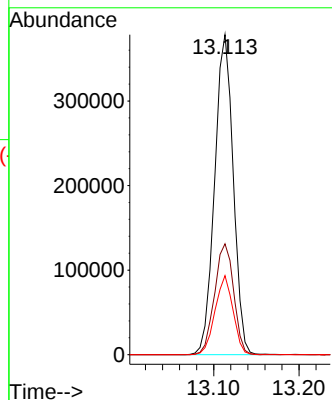
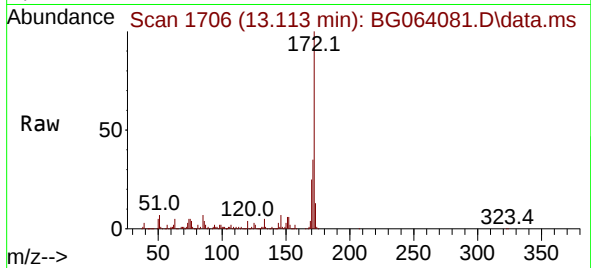




#45
2-Fluorobiphenyl
Concen: 99.595 ng
RT: 13.113 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

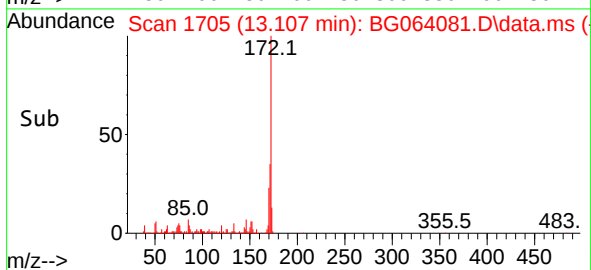
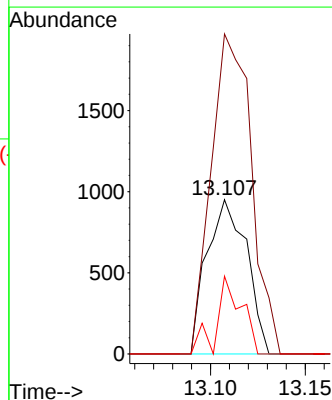
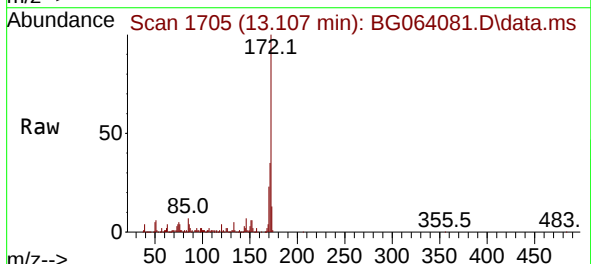
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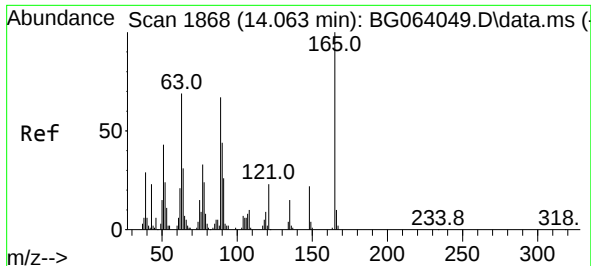
Tgt Ion:172 Resp: 574775
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 24.7 18.7 28.1



#48
2-Nitroaniline
Concen: 4.140 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.457 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion: 65 Resp: 1387
Ion Ratio Lower Upper
65 100
92 207.4 51.2 76.8#
138 50.4 69.4 104.2#

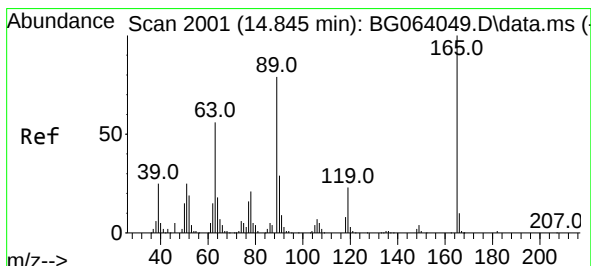
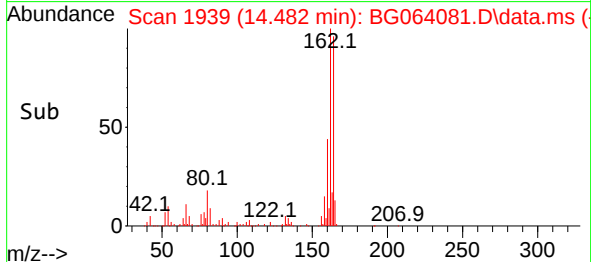
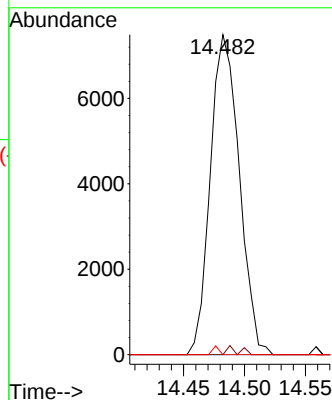
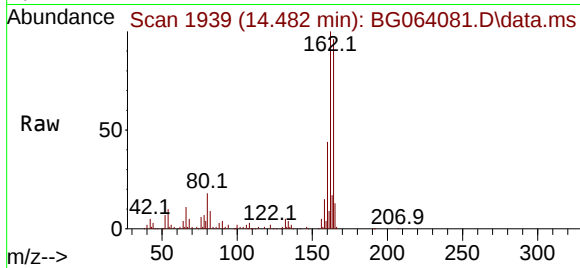




#51
2,6-Dinitrotoluene
Concen: 12.137 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.419 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

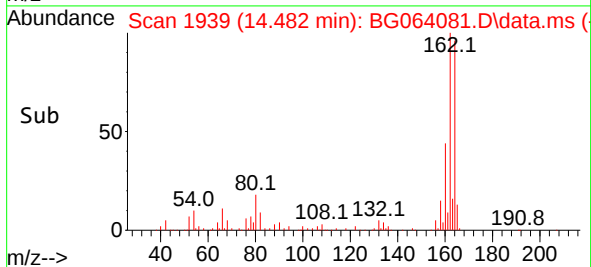
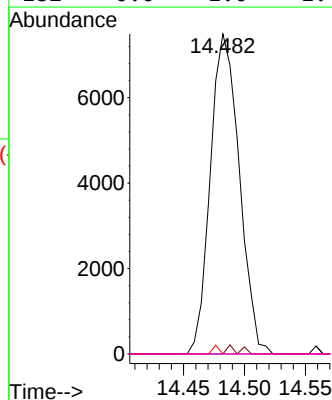
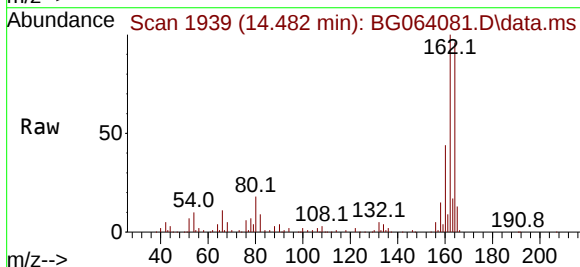
Instrument :
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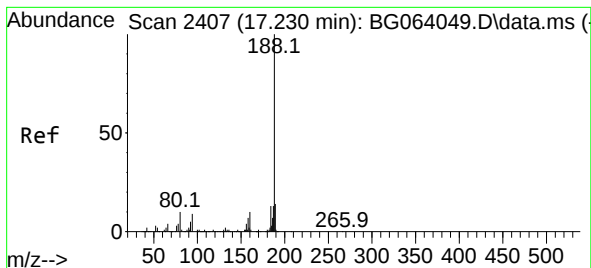
Tgt Ion:165 Resp: 12384
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



#57
2,4-Dinitrotoluene
Concen: 9.968 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.363 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:165 Resp: 12384
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: 17.226 min Scan# 2406

Delta R.T. -0.004 min

Lab File: BG064081.D

Acq: 10 Mar 2025 15:04

Instrument :

BNA_G

ClientSampleId :

ENV-104-SB02

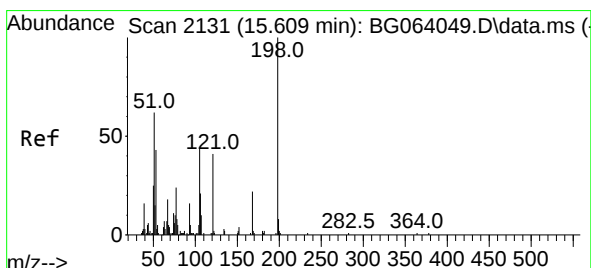
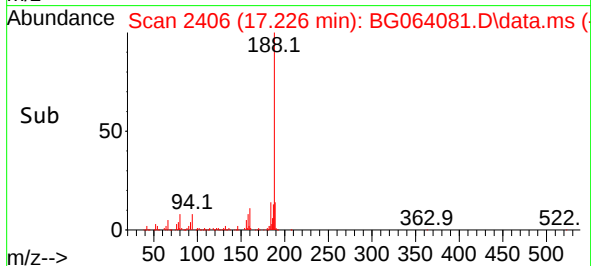
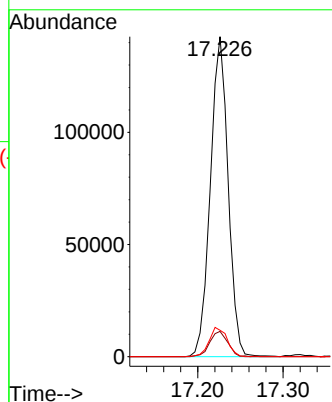
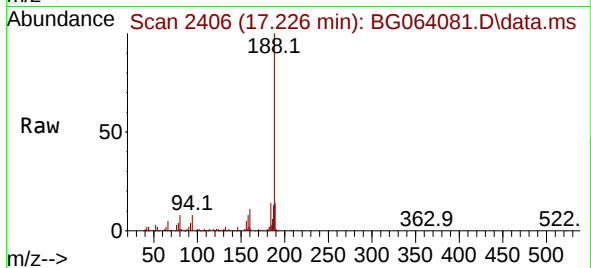
Tgt Ion:188 Resp: 206278

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

80 8.2 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.242 ng

RT: 15.387 min Scan# 2093

Delta R.T. -0.222 min

Lab File: BG064081.D

Acq: 10 Mar 2025 15:04

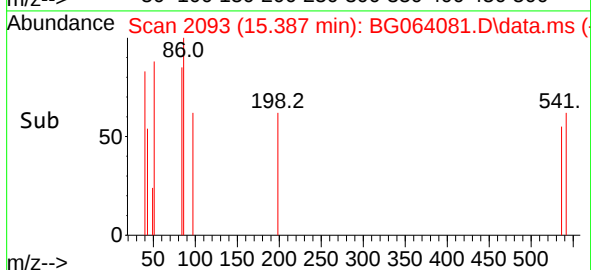
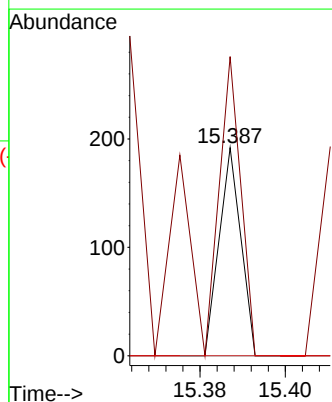
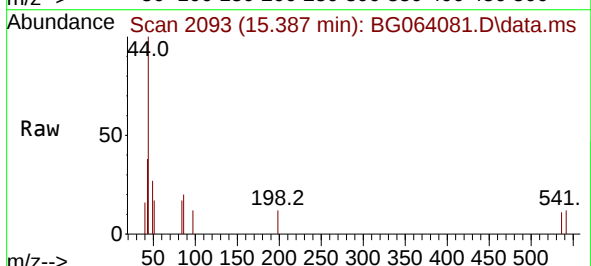
Tgt Ion:198 Resp: 68

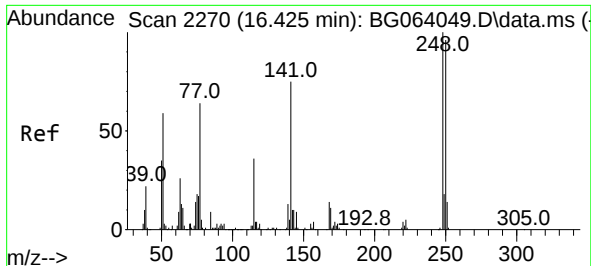
Ion Ratio Lower Upper

198 100

51 143.8 45.6 85.6#

105 0.0 25.3 65.3#

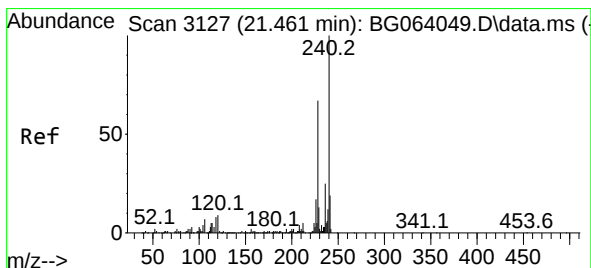
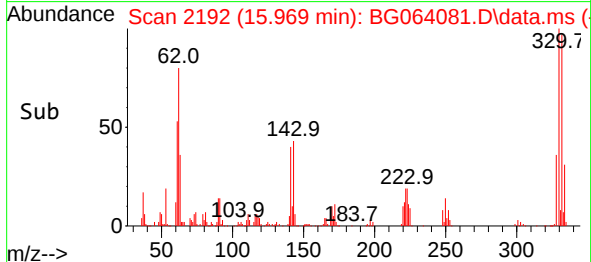
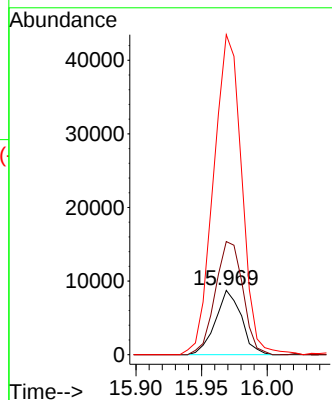
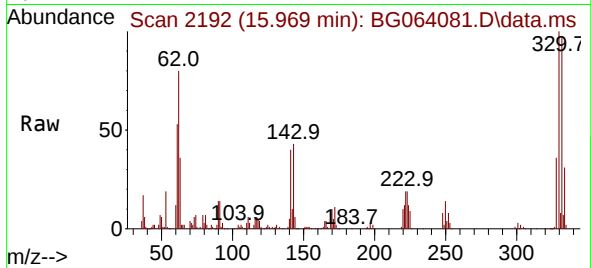




#67
4-Bromophenyl-phenylether
Concen: 5.682 ng
RT: 15.969 min Scan# 21192
Delta R.T. -0.457 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

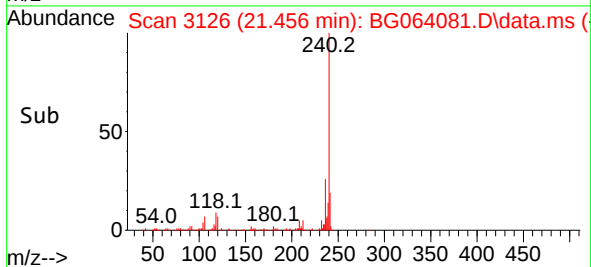
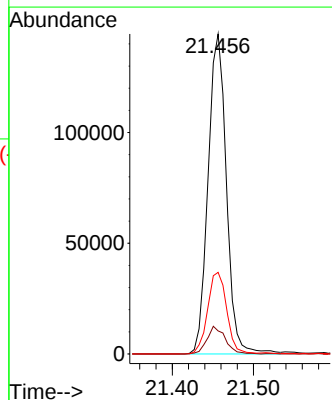
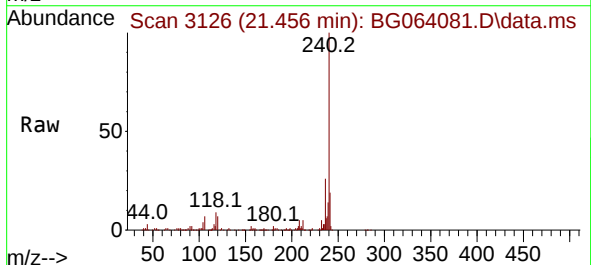
Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

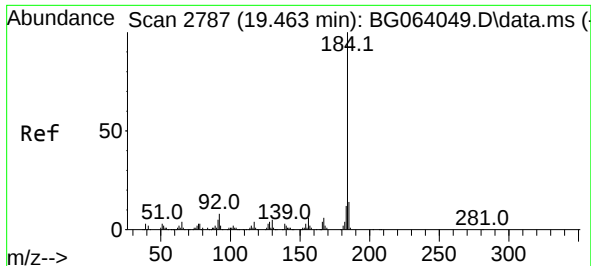
Tgt Ion:248 Resp: 12004
Ion Ratio Lower Upper
248 100
250 175.8 77.1 115.7#
141 497.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:240 Resp: 226436
Ion Ratio Lower Upper
240 100
120 7.2 7.2 10.8
236 25.5 20.2 30.2

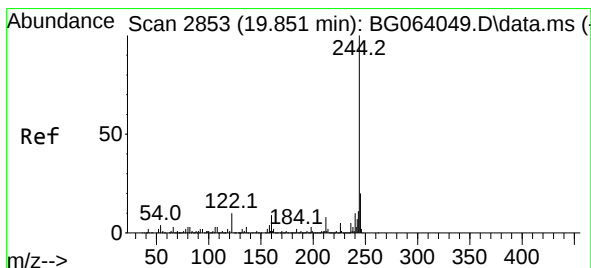
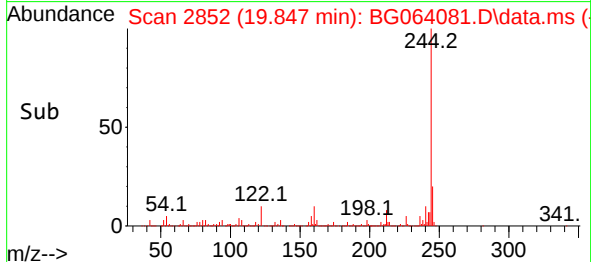
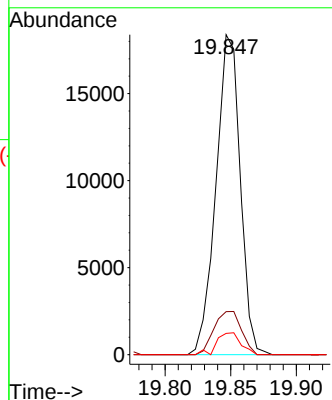
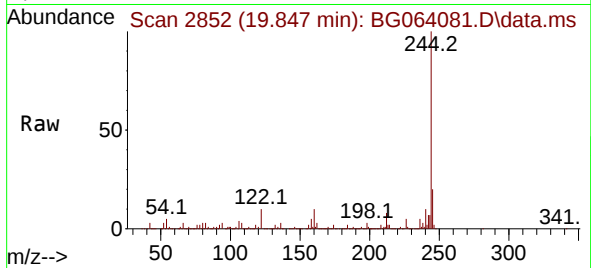




#77
Benzidine
Concen: 7.541 ng
RT: 19.847 min Scan# 21
Delta R.T. 0.384 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

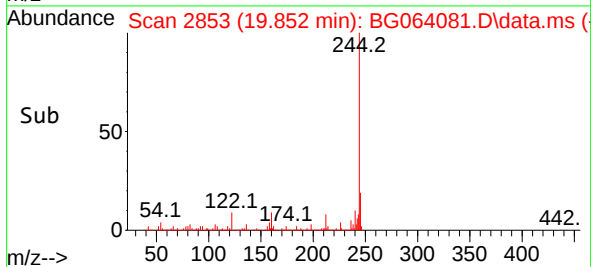
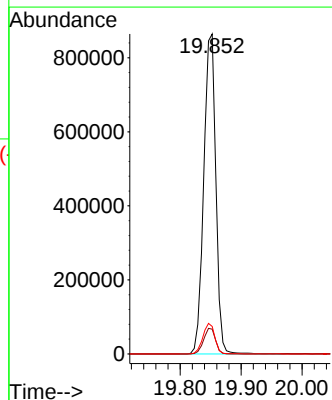
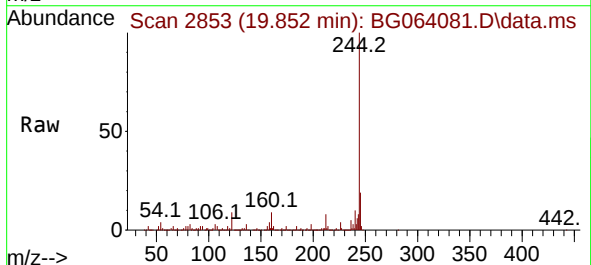
Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

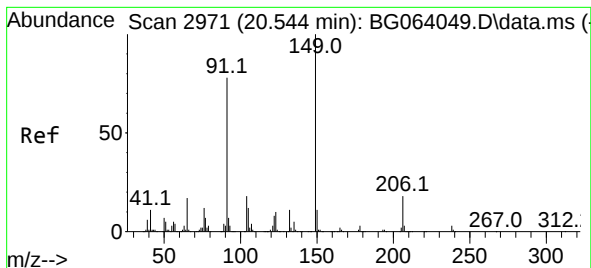
Tgt Ion:184 Resp: 23645
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 6.6 9.5 14.3#



#79
Terphenyl-d14
Concen: 106.338 ng
RT: 19.852 min Scan# 2853
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:244 Resp: 1190844
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 8.6 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.672 ng

RT: 20.534 min Scan# 2971

Delta R.T. -0.010 min

Lab File: BG064081.D

Acq: 10 Mar 2025 15:04

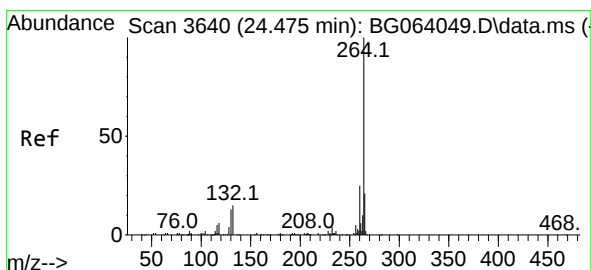
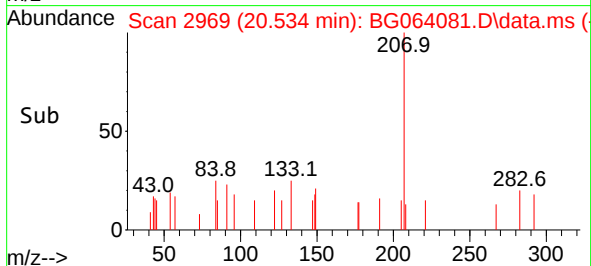
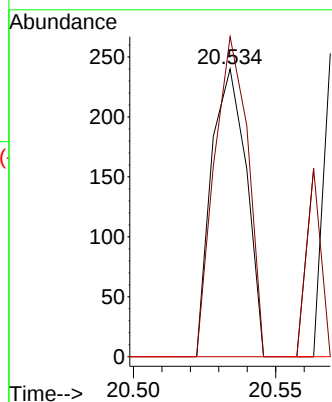
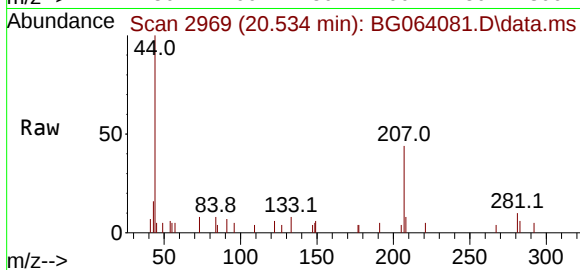
Instrument :

BNA_G

ClientSampleId :

ENV-104-SB02

Tgt Ion:	149	Resp:	205
Ion	Ratio	Lower	Upper
149	100		
91	111.3	62.0	93.0#
206	0.0	14.6	21.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3639

Delta R.T. -0.004 min

Lab File: BG064081.D

Acq: 10 Mar 2025 15:04

Tgt Ion:	264	Resp:	234414
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.0	16.6	25.0

