

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064679.D
 Acq On : 3 Nov 2025 19:22
 Operator : RC/JU
 Sample : Q3368-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-DUMPSTER

Quant Time: Nov 04 00:45:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

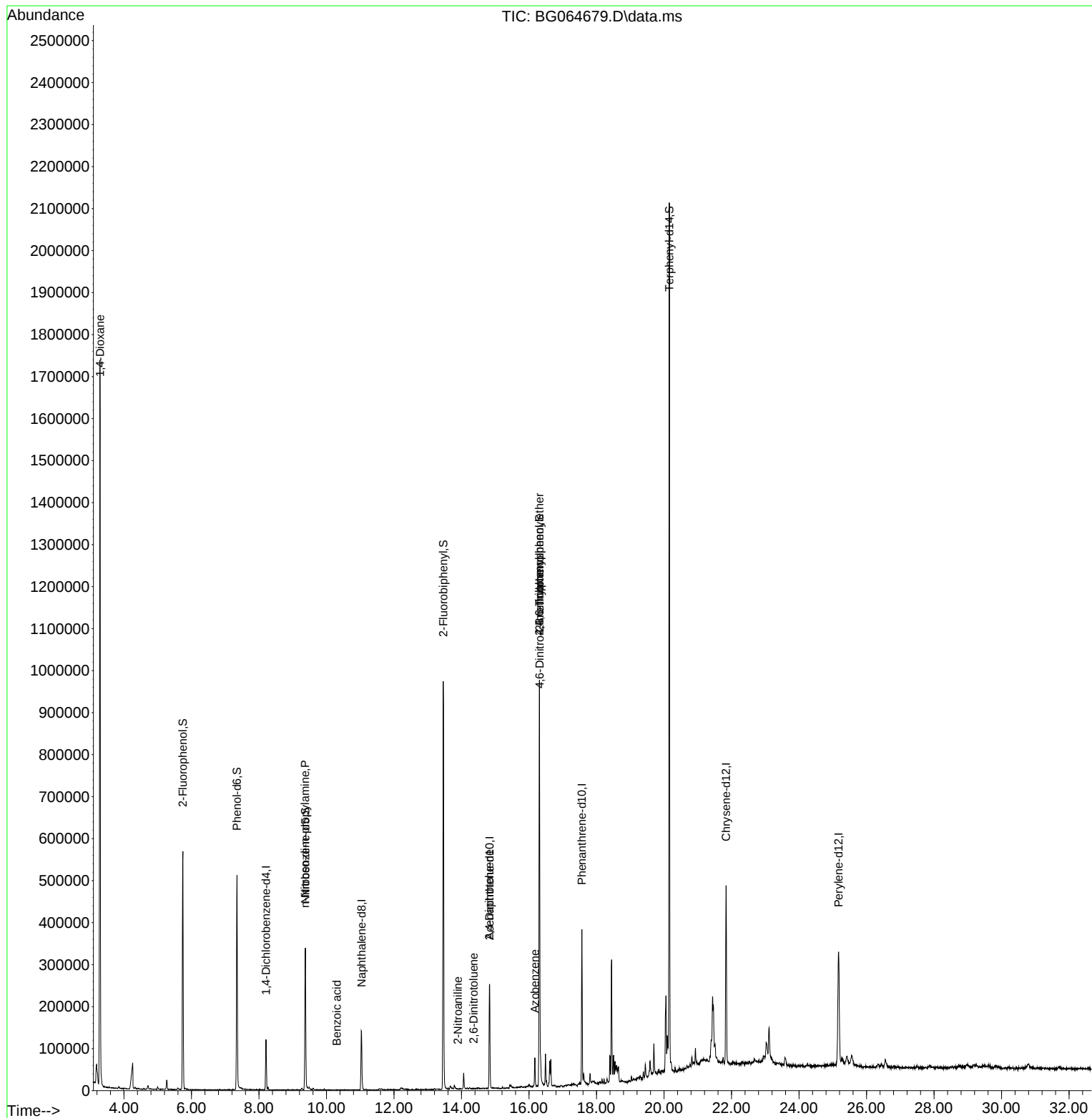
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	32222	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	127372	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	98614	20.000	ng	-0.01
64) Phenanthrene-d10	17.565	188	238888	20.000	ng	-0.02
76) Chrysene-d12	21.837	240	293208	20.000	ng	#-0.02
86) Perylene-d12	25.174	264	327869	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	222178	115.736	ng	0.00
7) Phenol-d6	7.348	99	271792	103.177	ng	0.00
23) Nitrobenzene-d5	9.375	82	197981	93.358	ng	-0.01
42) 2,4,6-Tribromophenol	16.308	330	223022	156.694	ng	-0.01
45) 2-Fluorobiphenyl	13.458	172	537609	82.633	ng	-0.02
79) Terphenyl-d14	20.156	244	1033316	66.507	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.294	88	13934	16.395	ng	# 1
19) n-Nitroso-di-n-propyla...	9.369	70	26460	14.534	ng	# 72
32) Benzoic acid	10.303	122	65	4.799	ng	# 1
48) 2-Nitroaniline	13.893	65	57	3.255	ng	# 10
51) 2,6-Dinitrotoluene	14.357	165	410	3.501	ng	# 17
57) 2,4-Dinitrotoluene	14.827	165	12375	9.071	ng	# 20
63) Azobenzene	16.173	77	21209	3.000	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.314	198	702	6.019	ng	77
67) 4-Bromophenyl-phenylether	16.308	248	14251	5.034	ng	# 1

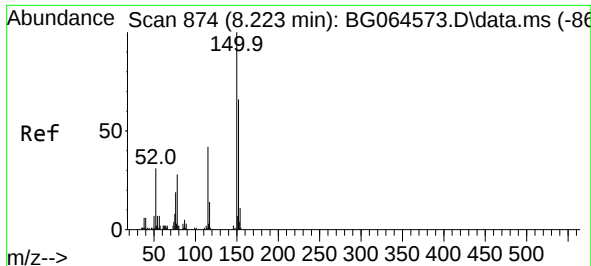
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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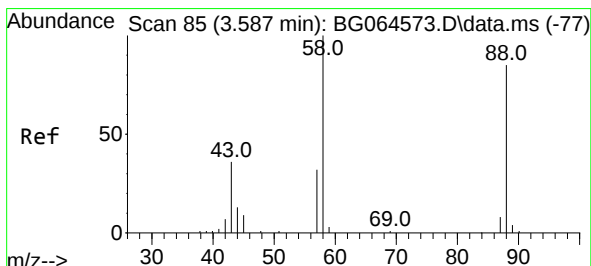
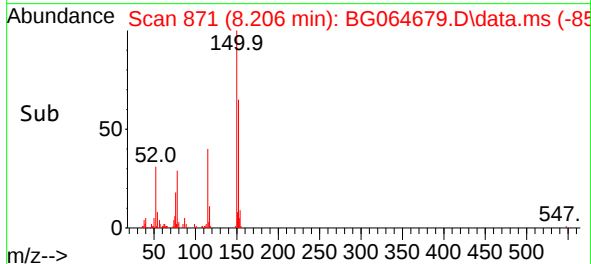
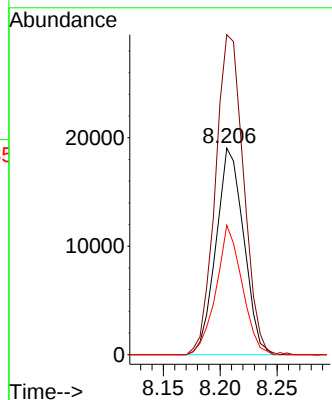
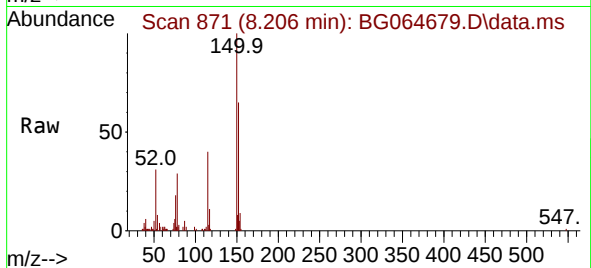




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.206 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BG064679.D
 Acq: 3 Nov 2025 19:22

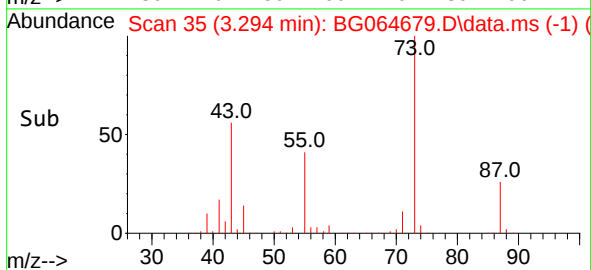
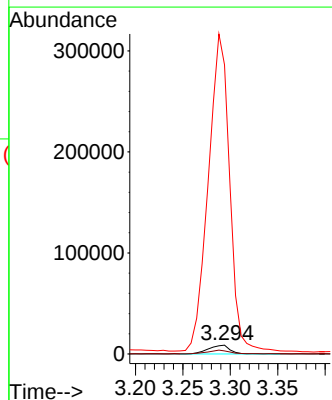
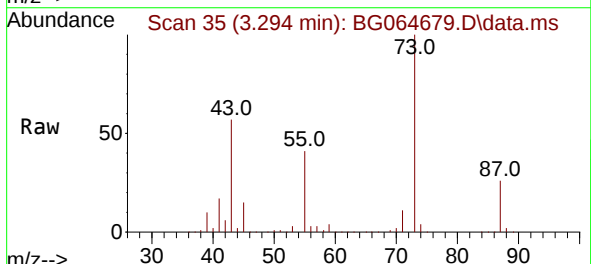
Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-DUMPSTER

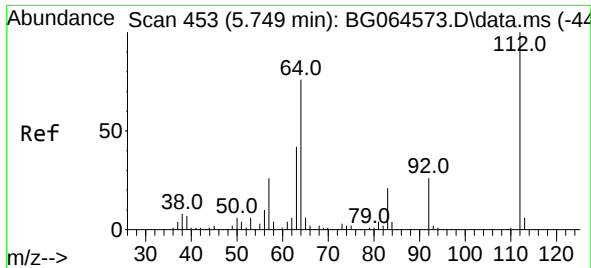
Tgt Ion:152 Resp: 32222
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.2 183.4
 115 62.6 50.8 76.2



#2
 1,4-Dioxane
 Concen: 16.395 ng
 RT: 3.294 min Scan# 35
 Delta R.T. -0.293 min
 Lab File: BG064679.D
 Acq: 3 Nov 2025 19:22

Tgt Ion: 88 Resp: 13934
 Ion Ratio Lower Upper
 88 100
 58 44.9 92.4 138.6#
 43 3555.6 33.0 49.6#

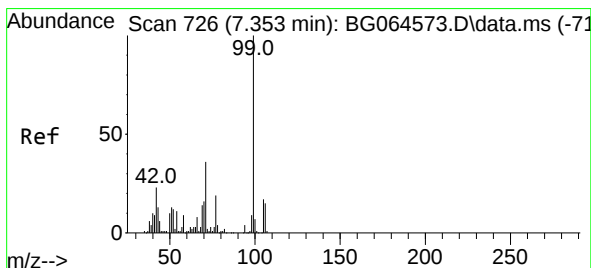
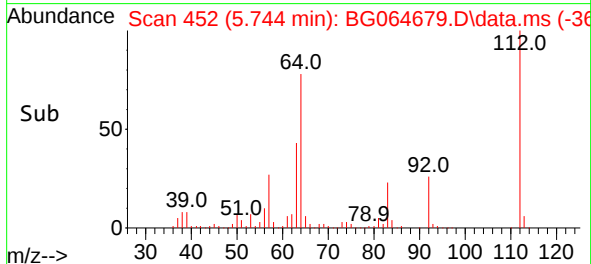
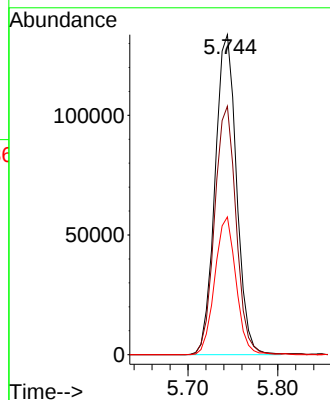
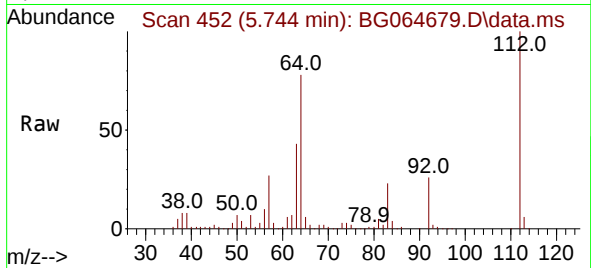




#5
2-Fluorophenol
Concen: 115.736 ng
RT: 5.744 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

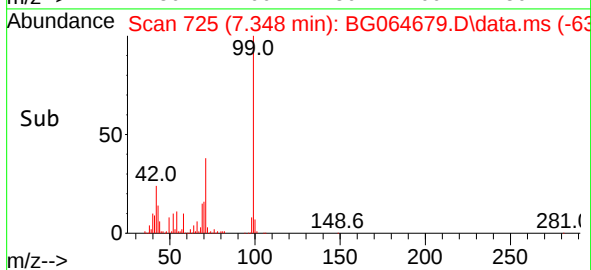
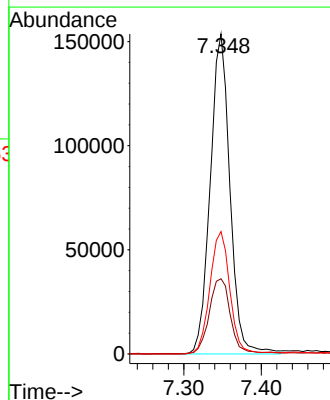
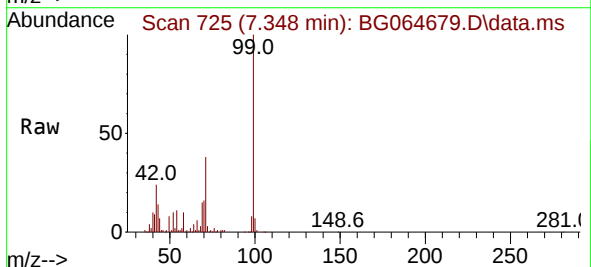
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

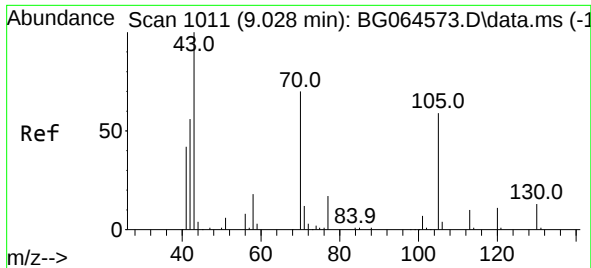
Tgt Ion:112 Resp: 222178
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 43.0 33.4 50.0



#7
Phenol-d6
Concen: 103.177 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

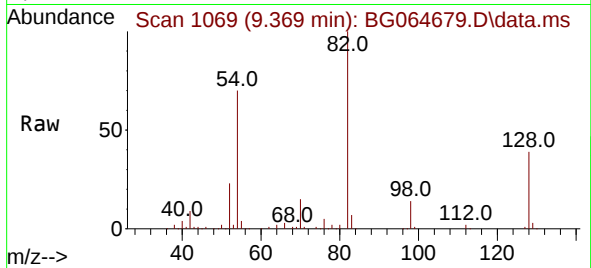
Tgt Ion: 99 Resp: 271792
Ion Ratio Lower Upper
99 100
42 23.5 18.3 27.5
71 38.2 28.6 43.0



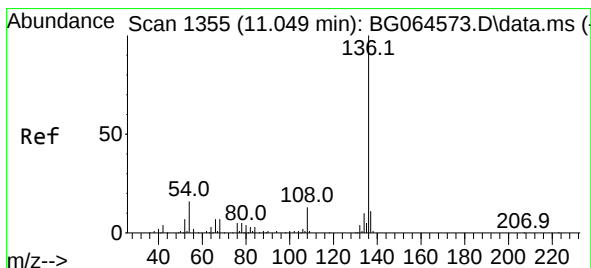
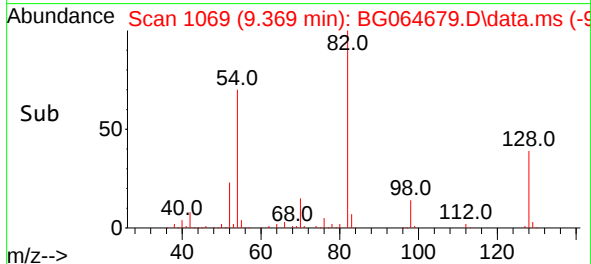
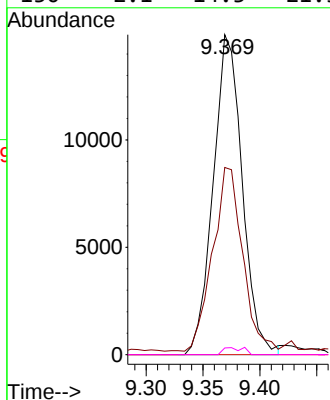


#19
n-Nitroso-di-n-propylamine
Concen: 14.534 ng
RT: 9.369 min Scan# 1069
Delta R.T. 0.341 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

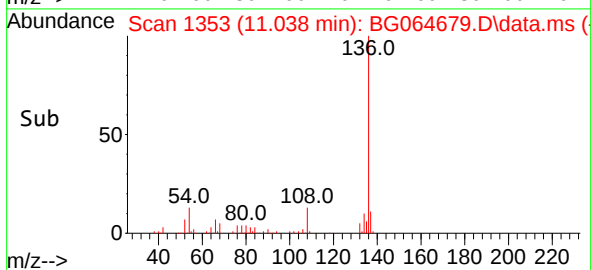
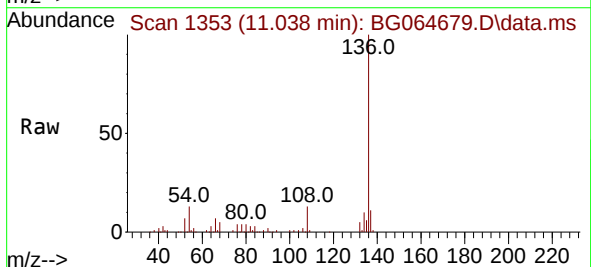
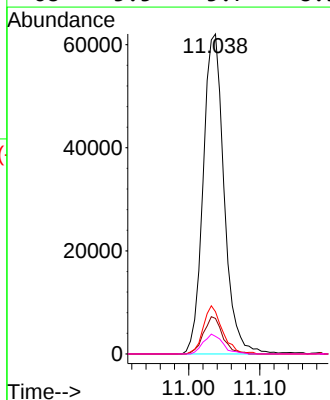


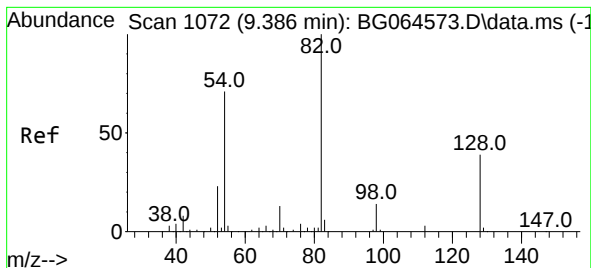
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.5	65.2	97.8#
101	0.0	7.9	11.9#
130	2.1	14.3	21.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	13.2	12.6	19.0
68	5.5	5.7	8.5#





#23

Nitrobenzene-d5

Concen: 93.358 ng

RT: 9.375 min Scan# 1072

Delta R.T. -0.011 min

Lab File: BG064679.D

Acq: 3 Nov 2025 19:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-DUMPSTER

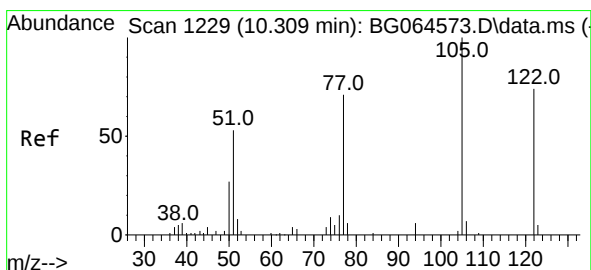
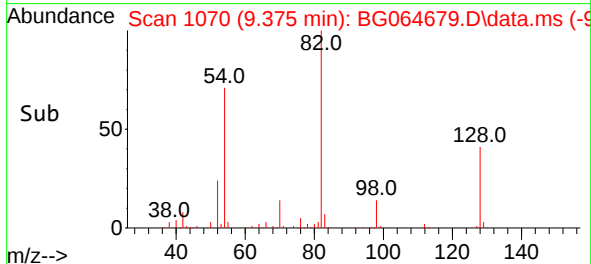
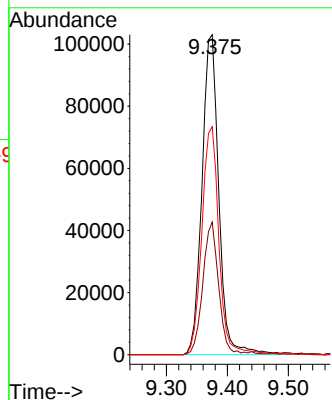
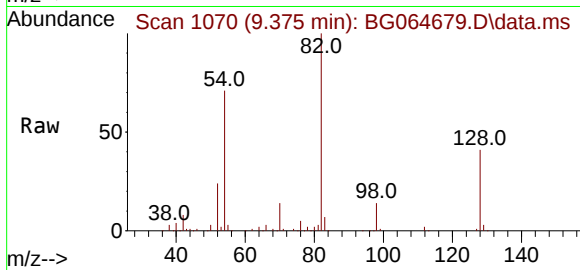
Tgt Ion: 82 Resp: 197981

Ion Ratio Lower Upper

82 100

128 41.5 31.3 46.9

54 71.3 56.6 84.8



#32

Benzoic acid

Concen: 4.799 ng

RT: 10.303 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BG064679.D

Acq: 3 Nov 2025 19:22

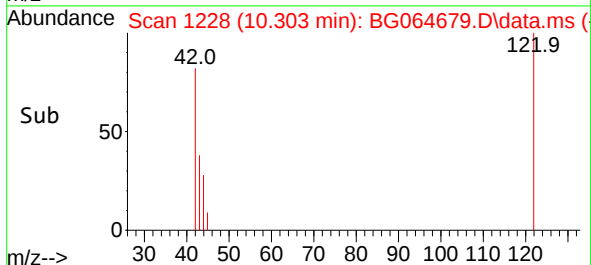
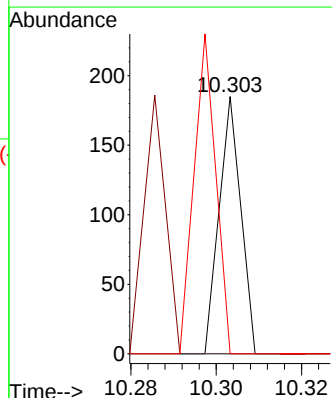
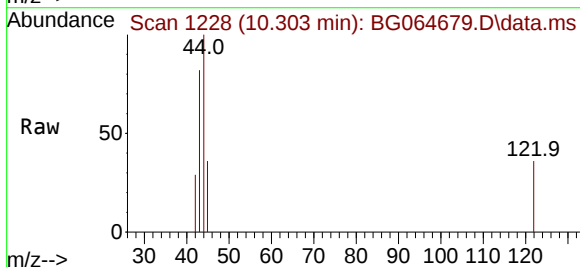
Tgt Ion:122 Resp: 65

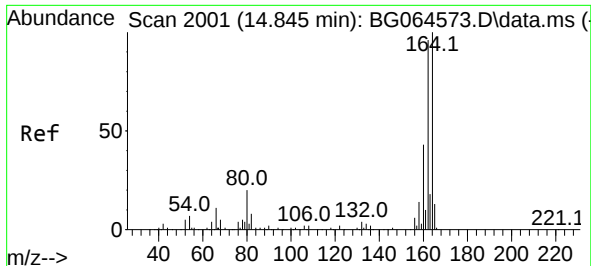
Ion Ratio Lower Upper

122 100

105 0.0 104.2 144.2#

77 0.0 70.2 110.2#

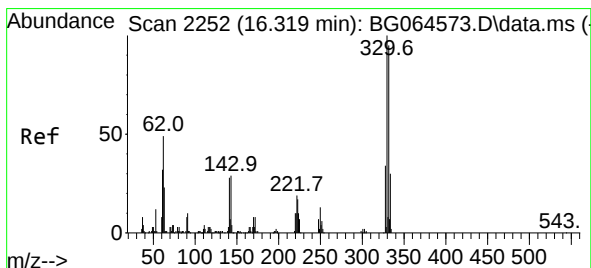
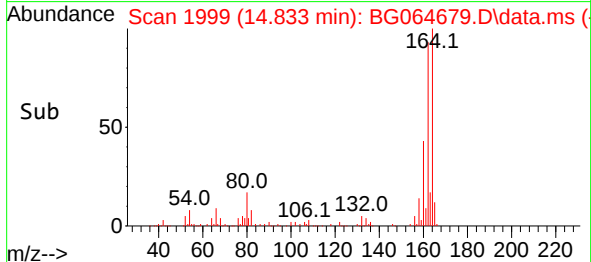
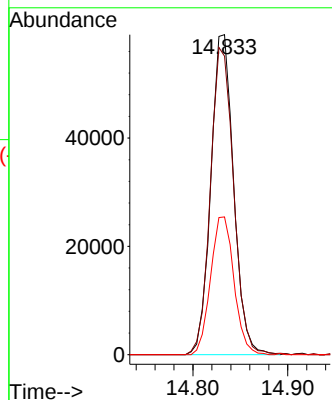
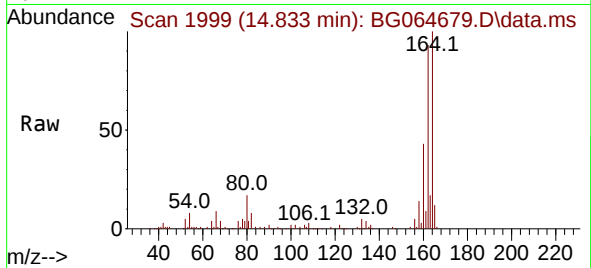




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

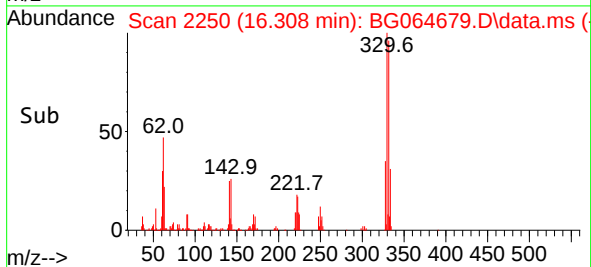
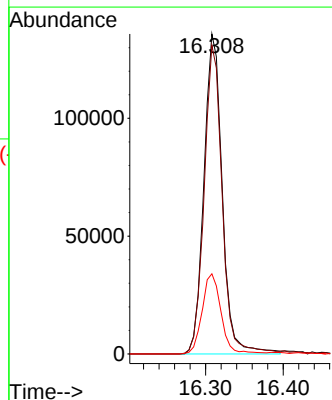
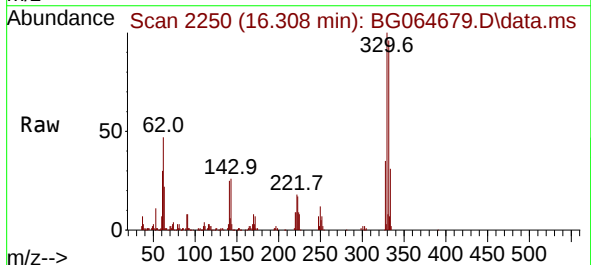
Instrument :
BNA_G
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OUTSIDE-DUMPSTER

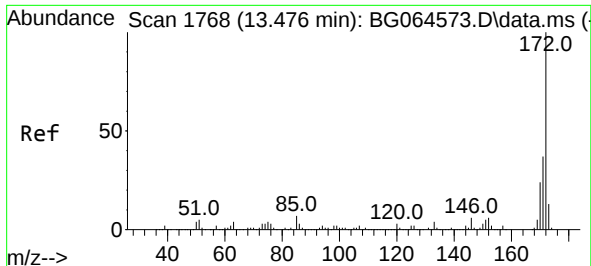
Tgt Ion:164 Resp: 98614
Ion Ratio Lower Upper
164 100
162 93.3 77.0 115.6
160 43.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 156.694 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:330 Resp: 223022
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 25.9 21.8 32.6

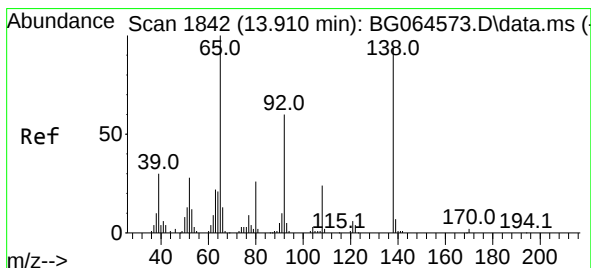
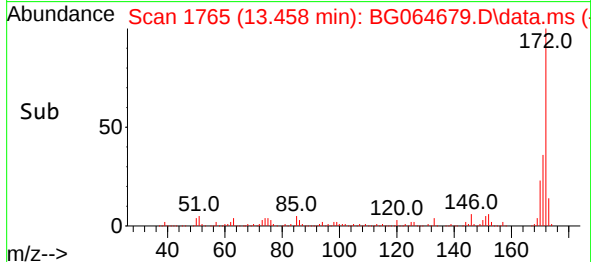
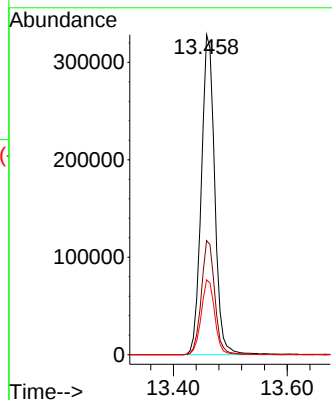
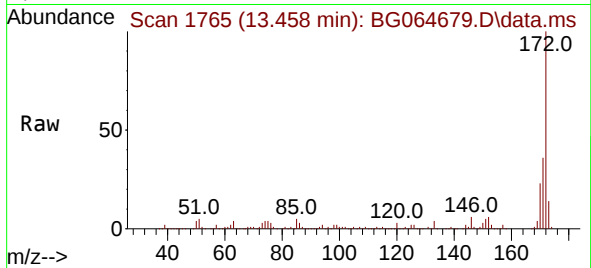




#45
2-Fluorobiphenyl
Concen: 82.633 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

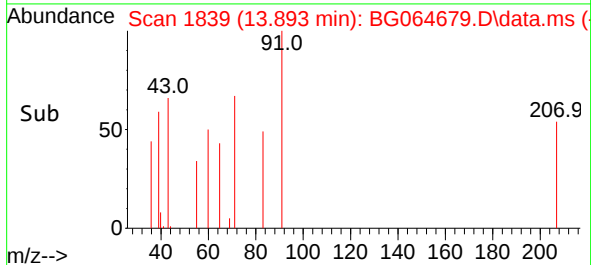
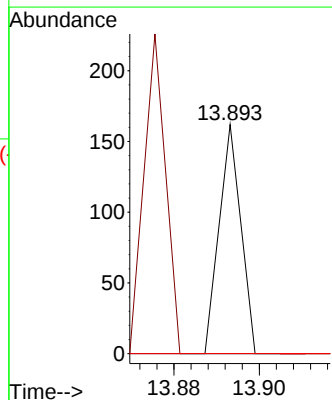
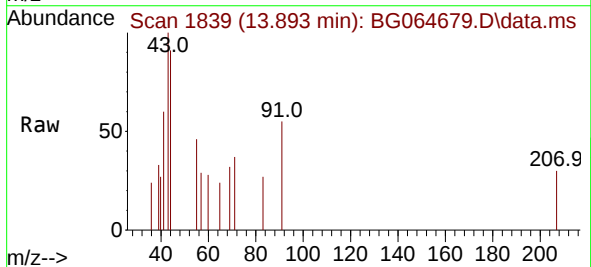
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

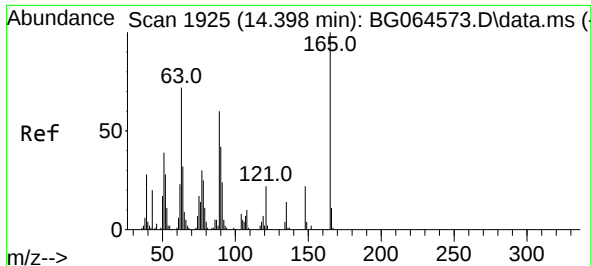
Tgt Ion:172 Resp: 537609
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.4 19.1 28.7



#48
2-Nitroaniline
Concen: 3.255 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 48.3 72.5#
138 0.0 74.9 112.3#

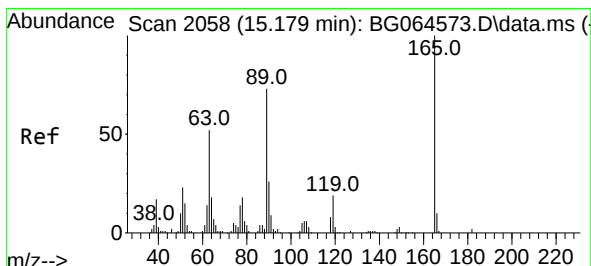
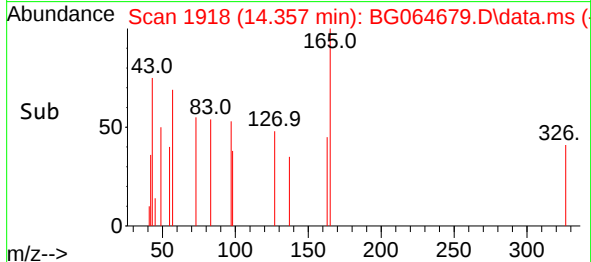
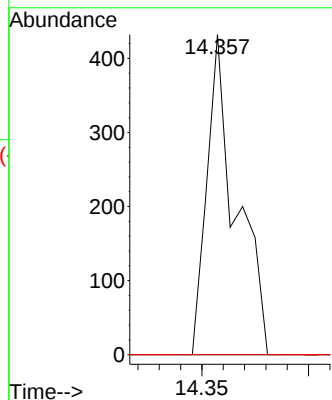
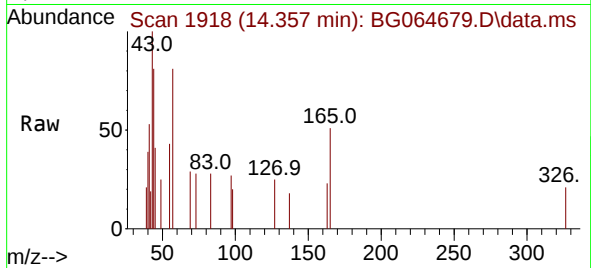




#51
2,6-Dinitrotoluene
Concen: 3.501 ng
RT: 14.357 min Scan# 1918
Delta R.T. -0.041 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

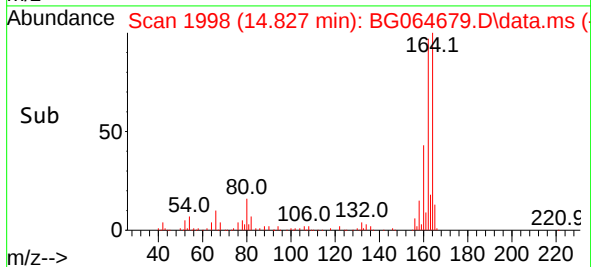
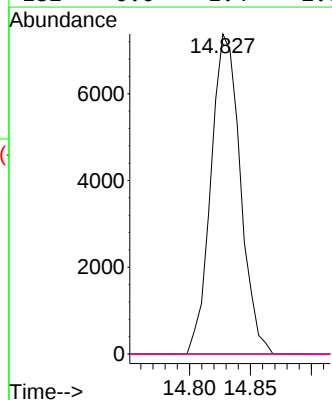
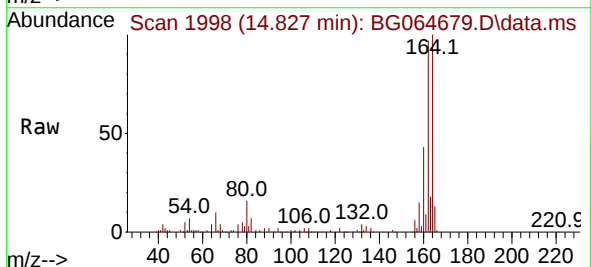
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

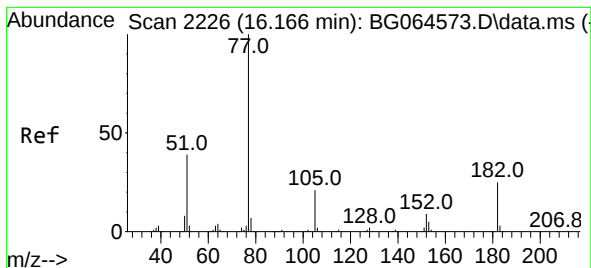
Tgt Ion:165 Resp: 410
Ion Ratio Lower Upper
165 100
63 0.0 57.4 86.0#
89 0.0 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 9.071 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.352 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:165 Resp: 12375
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.8#
89 0.0 58.1 87.1#
182 0.0 1.4 2.0#





#63

Azobenzene

Concen: 3.000 ng

RT: 16.173 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064679.D

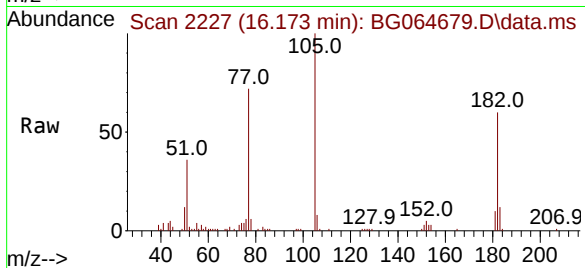
Acq: 3 Nov 2025 19:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-DUMPSTER



Tgt Ion: 77 Resp: 21209

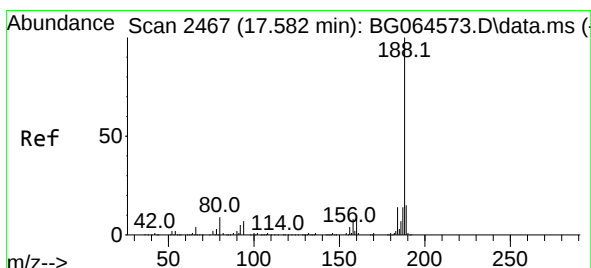
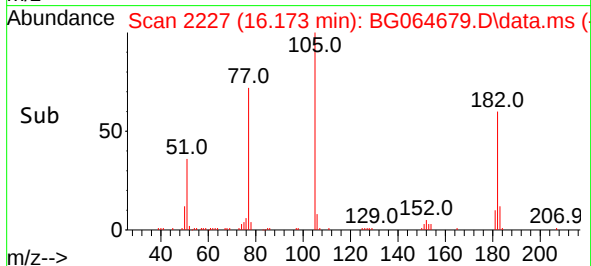
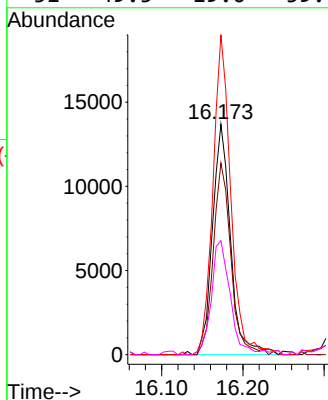
Ion Ratio Lower Upper

77 100

182 83.2 4.9 44.9#

105 138.9 1.3 41.3#

51 49.5 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.565 min Scan# 2464

Delta R.T. -0.017 min

Lab File: BG064679.D

Acq: 3 Nov 2025 19:22

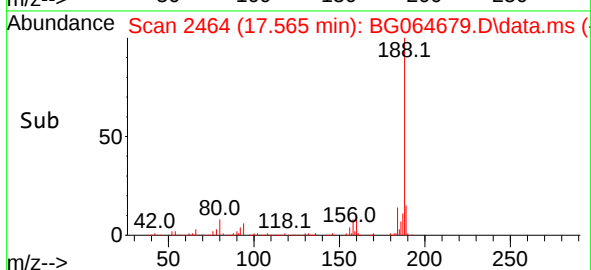
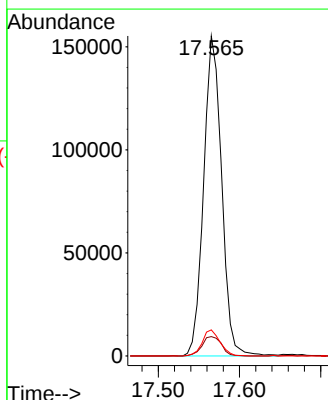
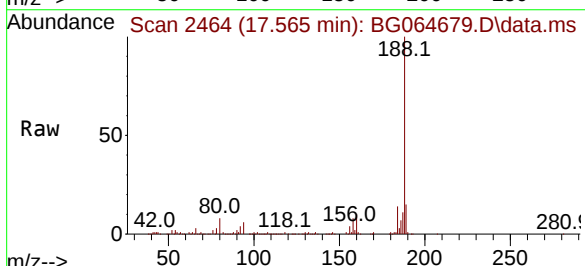
Tgt Ion:188 Resp: 238888

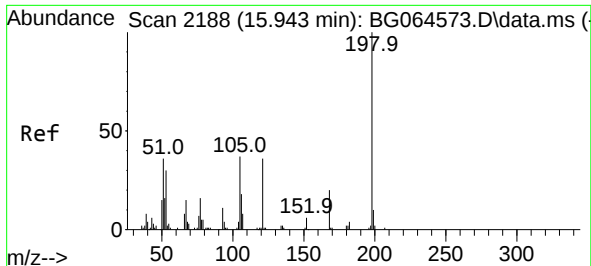
Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 8.1 6.8 10.2

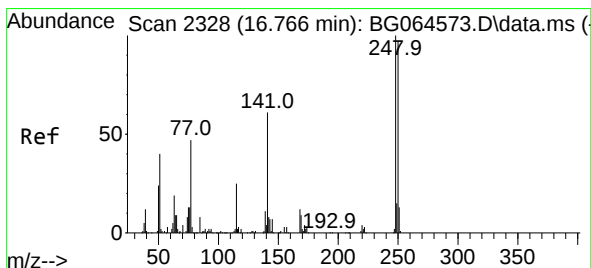
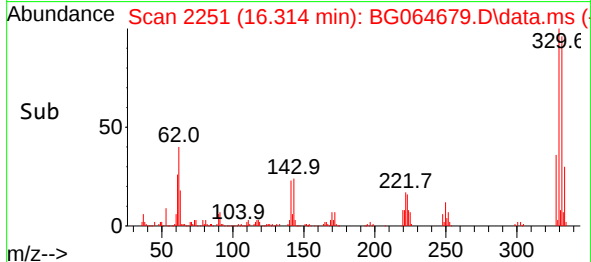
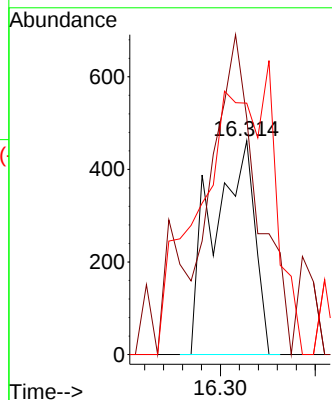
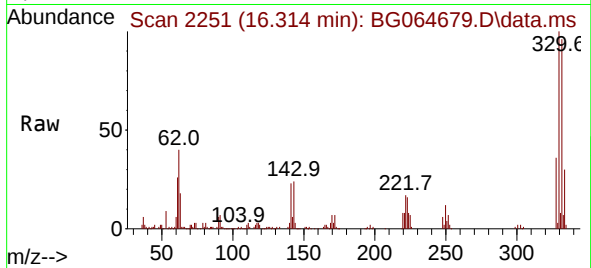




#65
4,6-Dinitro-2-methylphenol
Concen: 6.019 ng
RT: 16.314 min Scan# 2188
Delta R.T. 0.371 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

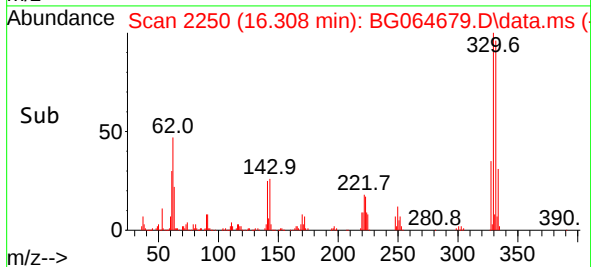
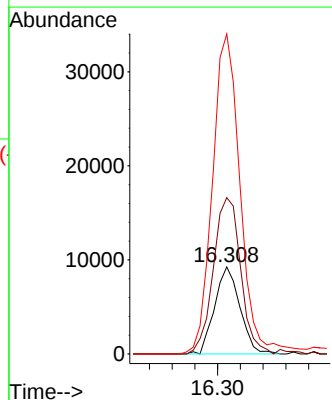
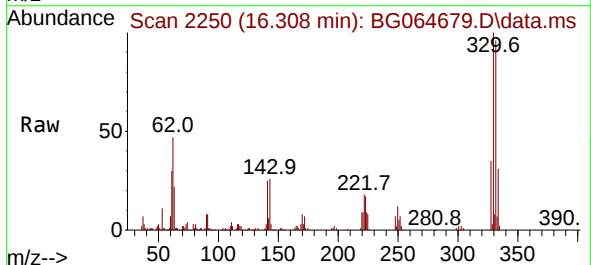
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

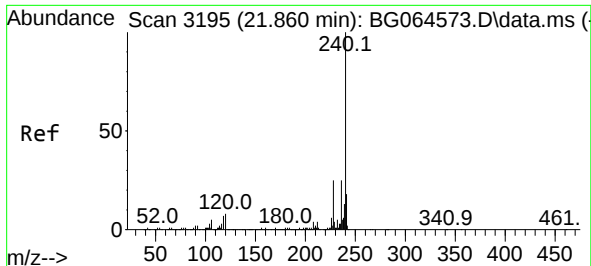
Tgt Ion:198 Resp: 702
Ion Ratio Lower Upper
198 100
51 26.5 24.7 64.7
105 28.2 18.0 58.0



#67
4-Bromophenyl-phenylether
Concen: 5.034 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.458 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:248 Resp: 14251
Ion Ratio Lower Upper
248 100
250 183.0 77.7 116.5#
141 272.5 48.6 72.8#

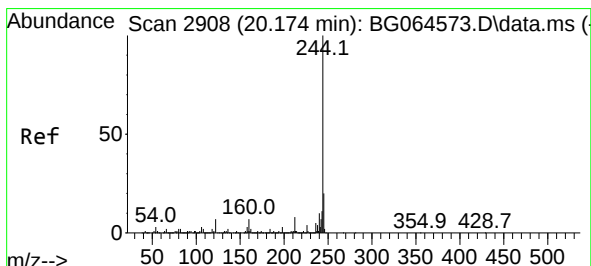
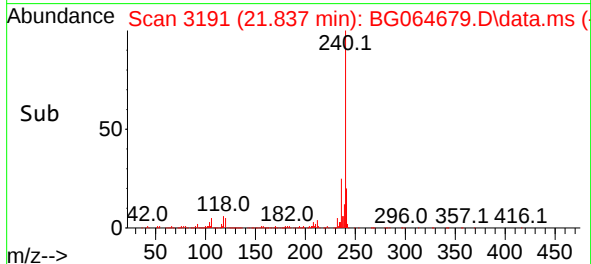
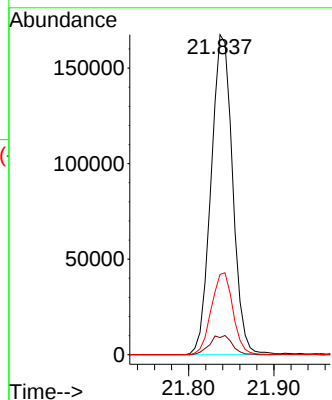
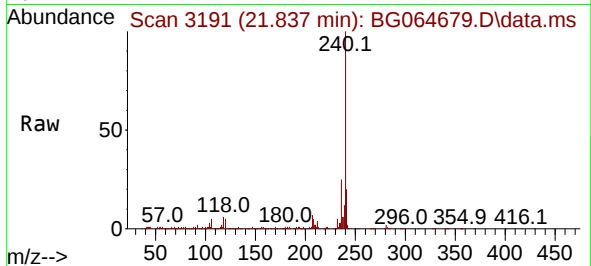




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

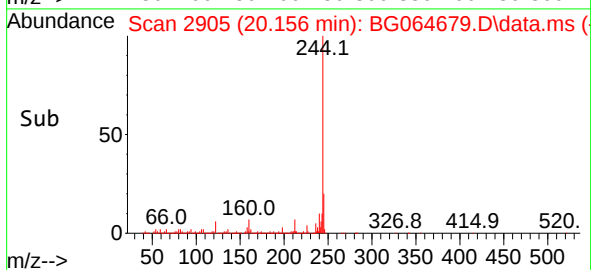
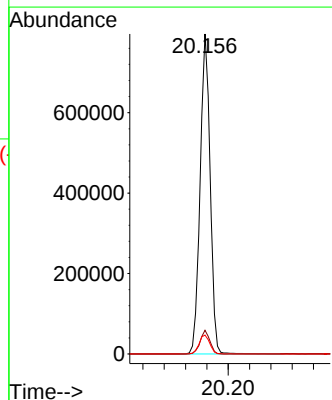
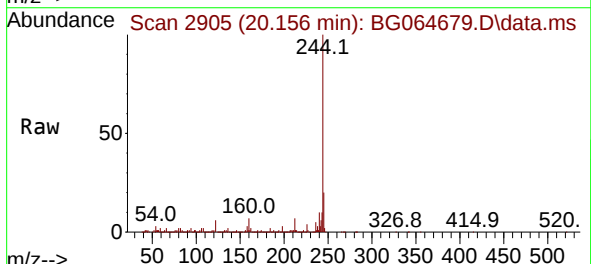
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

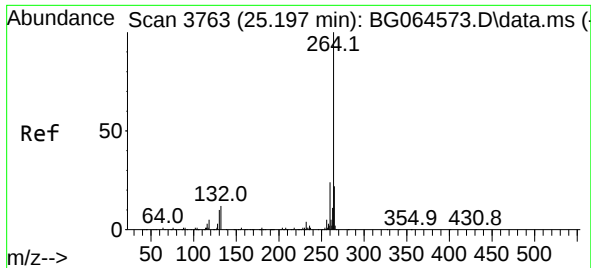
Tgt Ion:240 Resp: 293208
Ion Ratio Lower Upper
240 100
120 5.3 6.5 9.7#
236 25.1 20.2 30.2



#79
Terphenyl-d14
Concen: 66.507 ng
RT: 20.156 min Scan# 2905
Delta R.T. -0.017 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:244 Resp: 1033316
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.9 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

Tgt Ion:264 Resp: 327869

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.0	17.6	26.4

