

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064062.D
 Acq On : 7 Mar 2025 17:00
 Operator : RC/JU
 Sample : Q1494-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Quant Time: Mar 07 17:32:05 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)

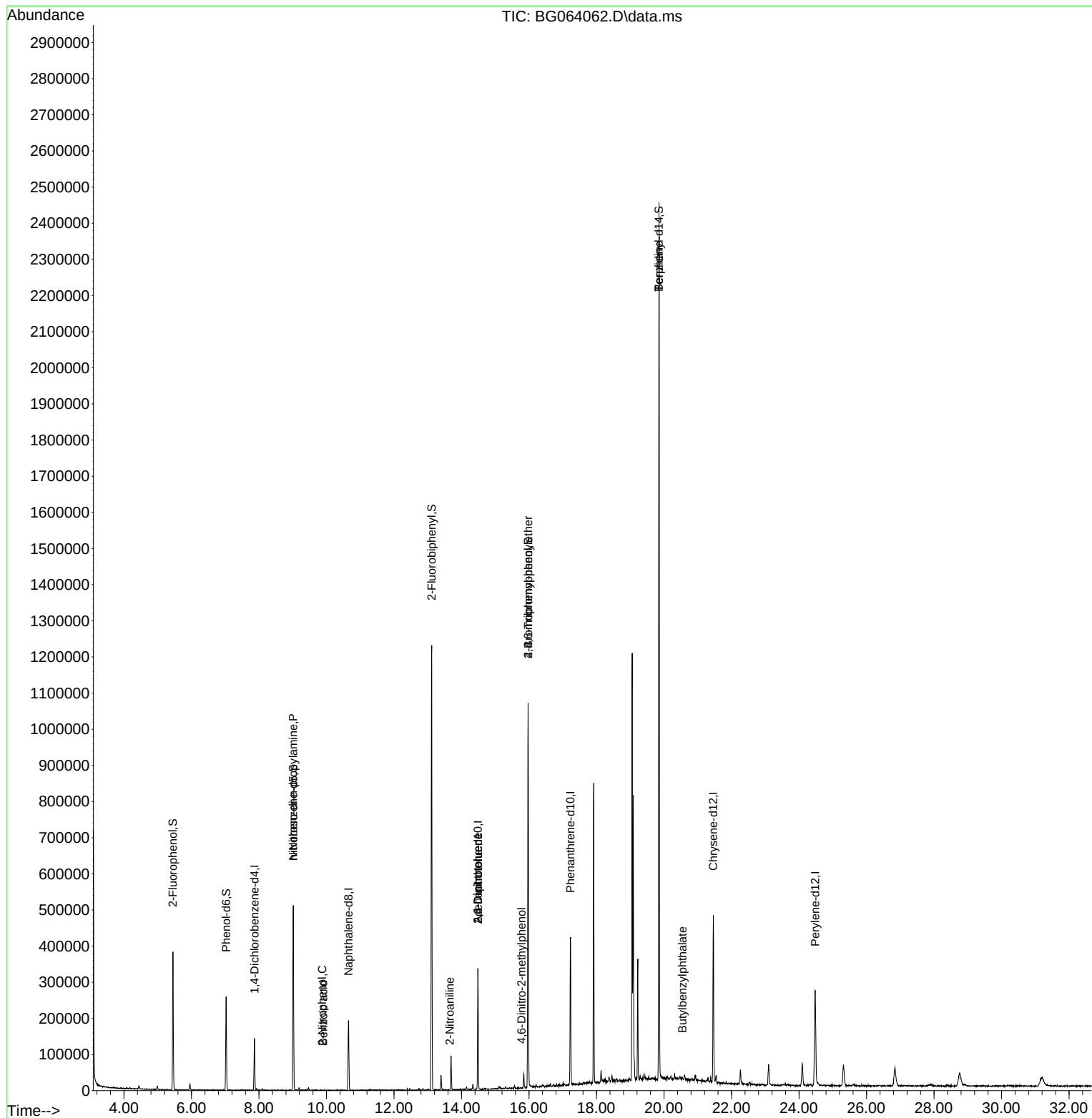
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	33581	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	149800	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	106204	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	238389	20.000	ng	0.00
76) Chrysene-d12	21.460	240	256559	20.000	ng	0.00
86) Perylene-d12	24.480	264	269616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	139789	64.999	ng	0.00
7) Phenol-d6	7.024	99	122759	41.959	ng	0.00
23) Nitrobenzene-d5	9.016	82	265143	97.813	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	175834	148.945	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	592339	84.658	ng	0.00
79) Terphenyl-d14	19.850	244	1154050	90.953	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.016	70	36173	17.617	ng	# 76
26) 2-Nitrophenol	9.874	139	56	3.347	ng	# 26
32) Benzoic acid	9.903	122	56	8.720	ng	# 1
48) 2-Nitroaniline	13.657	65	56	3.244	ng	# 11
51) 2,6-Dinitrotoluene	14.486	165	14679	11.941	ng	# 18
57) 2,4-Dinitrotoluene	14.486	165	14679	9.826	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.778	198	57	8.225	ng	# 23
67) 4-Bromophenyl-phenylether	15.972	248	12718	5.209	ng	# 1
77) Benzidine	19.850	184	22155	6.236	ng	# 94
80) Butylbenzylphthalate	20.543	149	921	3.775	ng	# 89

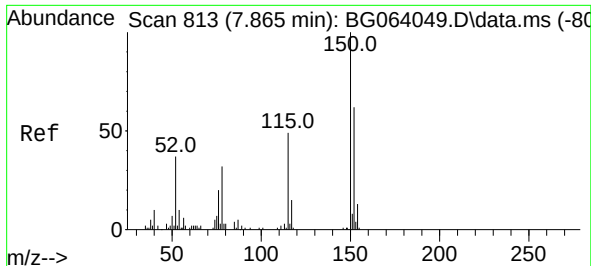
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064062.D
Acq On : 7 Mar 2025 17:00
Operator : RC/JU
Sample : Q1494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Time: Mar 07 17:32:05 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

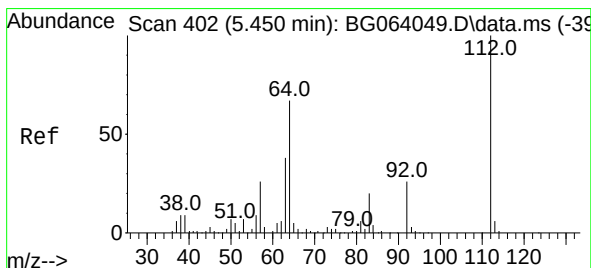
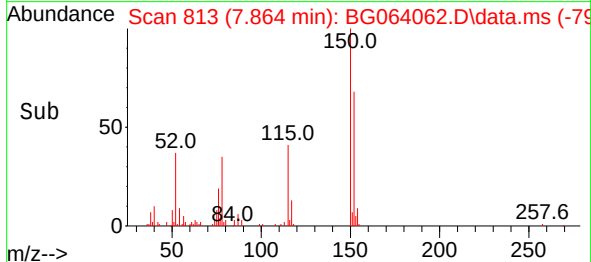
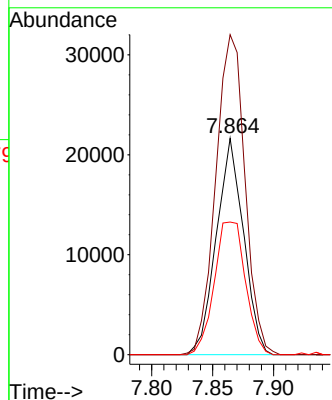
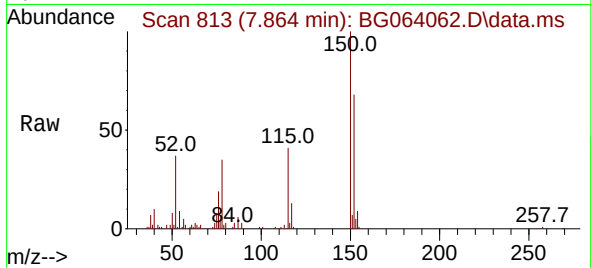




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

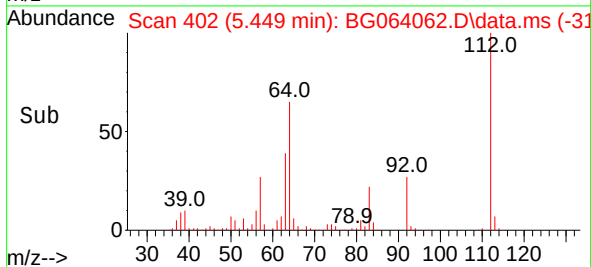
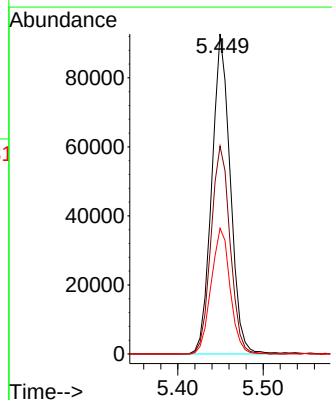
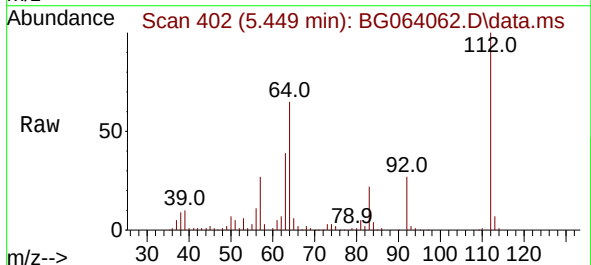
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

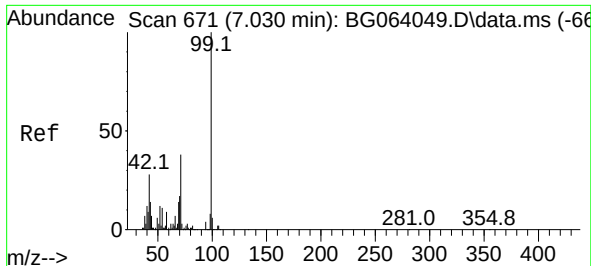
Tgt Ion:152 Resp: 33581
Ion Ratio Lower Upper
152 100
150 147.9 129.2 193.8
115 61.3 63.0 94.6#



#5
2-Fluorophenol
Concen: 64.999 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:112 Resp: 139789
Ion Ratio Lower Upper
112 100
64 65.0 53.7 80.5
63 39.2 30.2 45.4

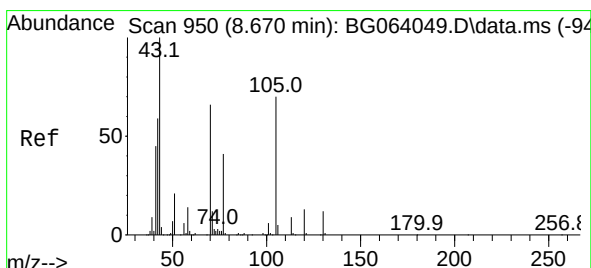
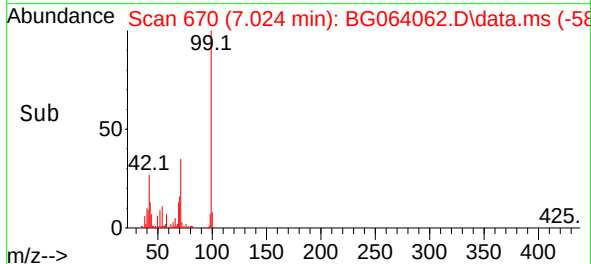
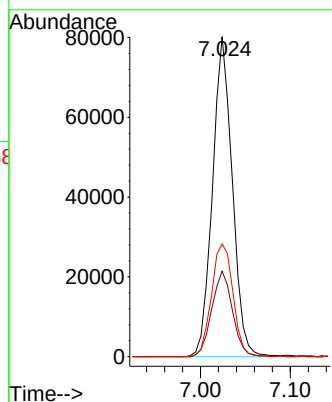
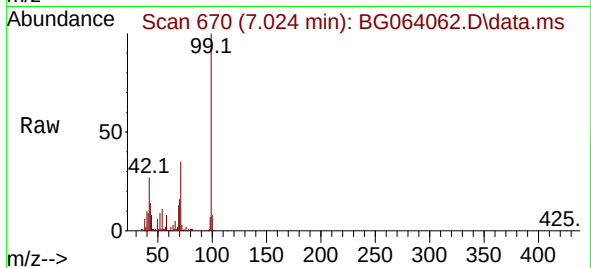




#7
Phenol-d6
Concen: 41.959 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

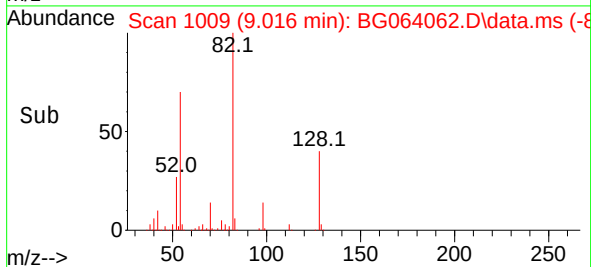
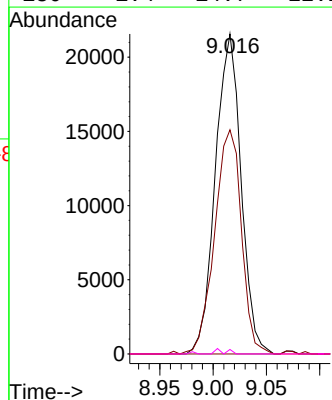
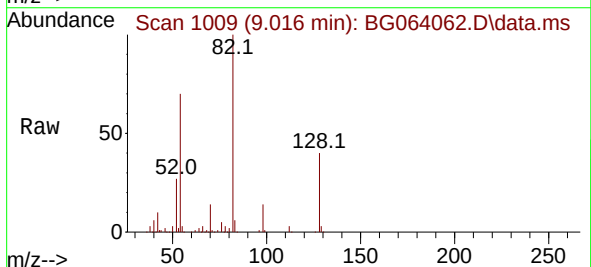
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

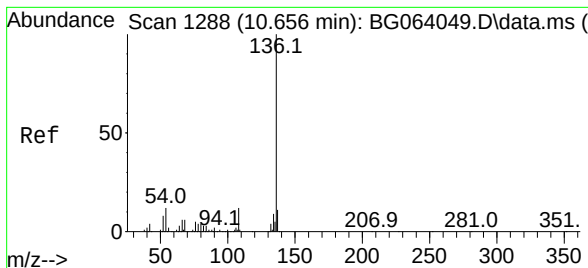
Tgt Ion: 99 Resp: 122759
Ion Ratio Lower Upper
99 100
42 26.8 22.7 34.1
71 35.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.617 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.346 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion: 70 Resp: 36173
Ion Ratio Lower Upper
70 100
42 70.0 72.1 108.1#
101 0.0 7.2 10.8#
130 1.4 14.7 22.1#

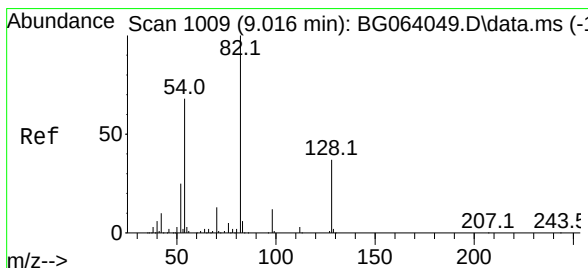
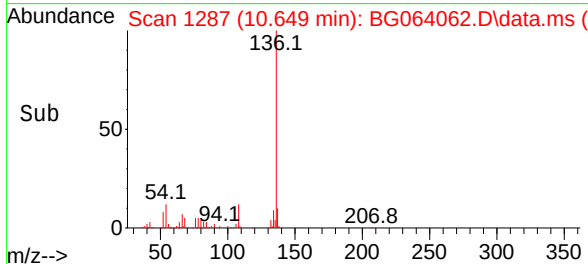
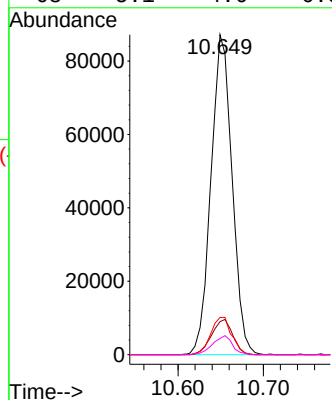
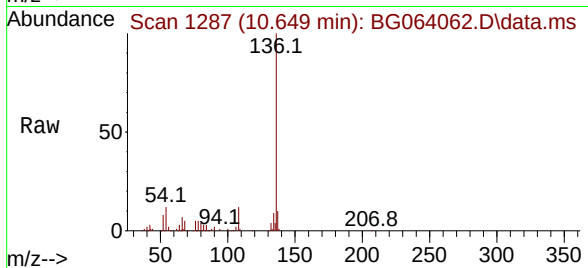




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

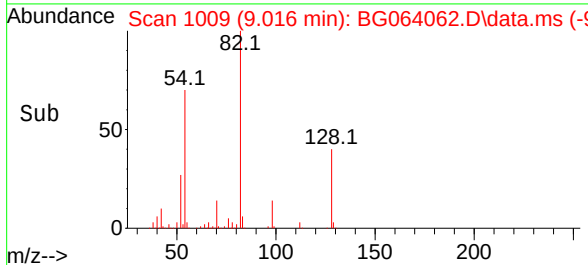
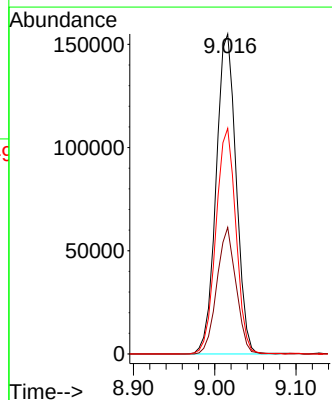
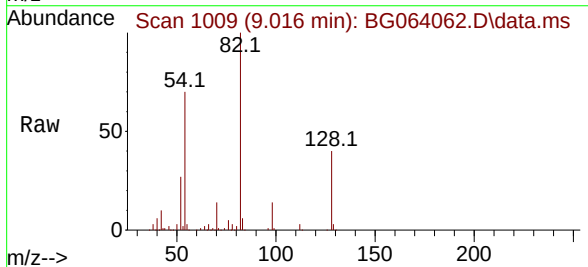
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

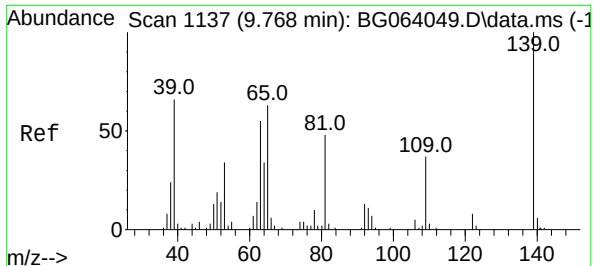
Tgt Ion:136 Resp: 149800
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 11.7 9.9 14.9
68 5.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 97.813 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion: 82 Resp: 265143
Ion Ratio Lower Upper
82 100
128 39.6 30.0 45.0
54 70.5 54.7 82.1

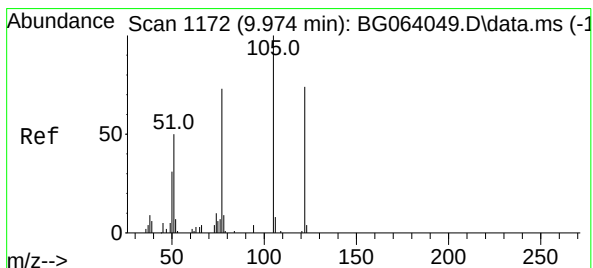
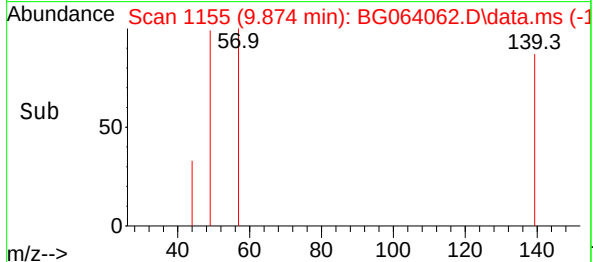
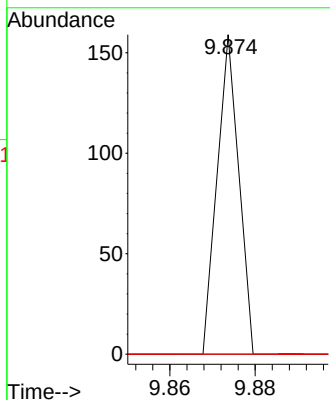
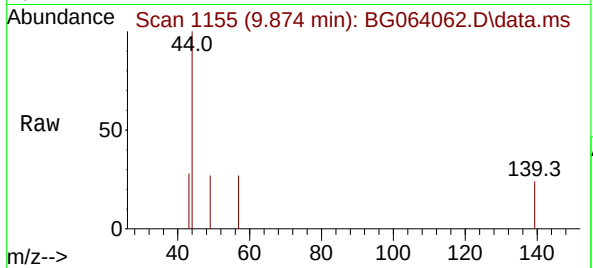




#26
2-Nitrophenol
Concen: 3.347 ng
RT: 9.874 min Scan# 1137
Delta R.T. 0.106 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

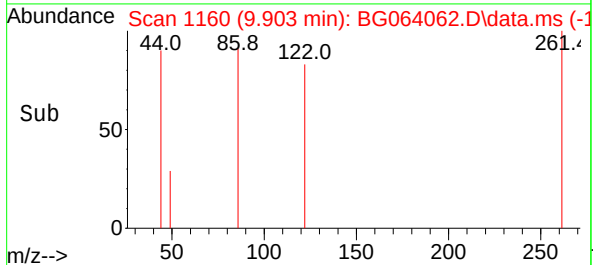
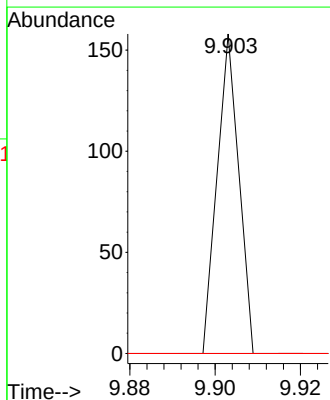
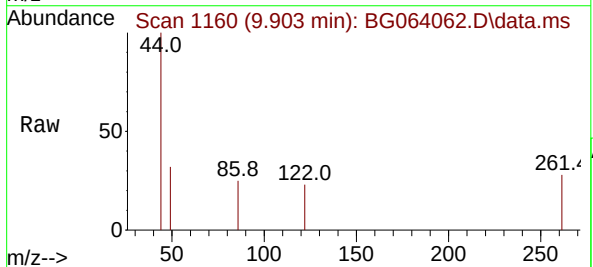
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

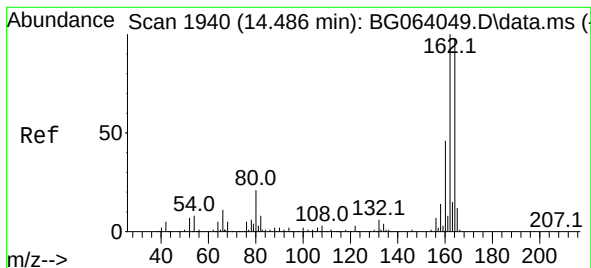
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.720 ng
RT: 9.903 min Scan# 1160
Delta R.T. -0.071 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:122 Resp: 56
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: 14.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

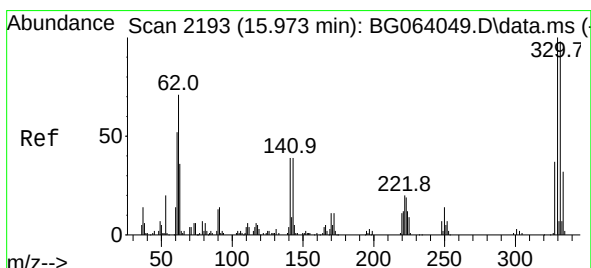
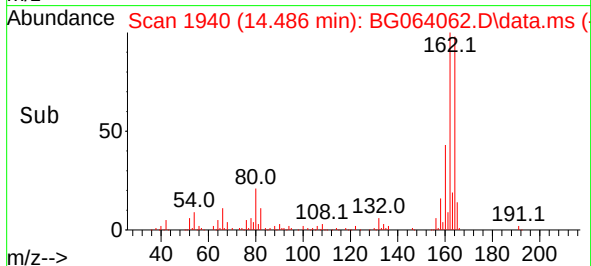
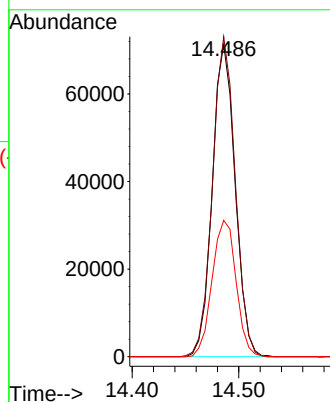
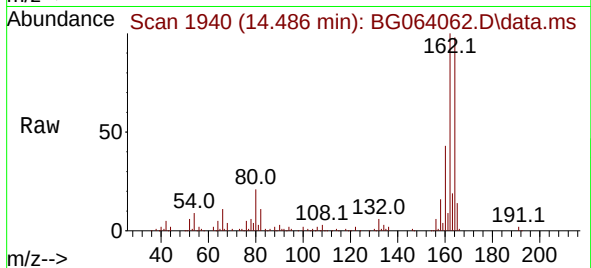
Tgt Ion:164 Resp: 106204

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

160 43.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 148.945 ng

RT: 15.972 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

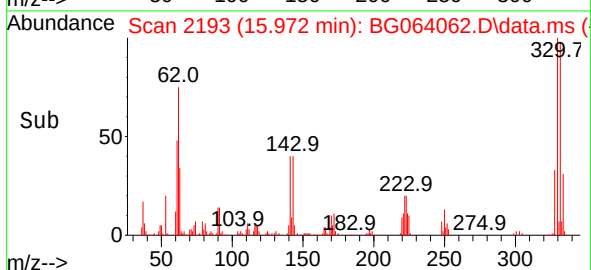
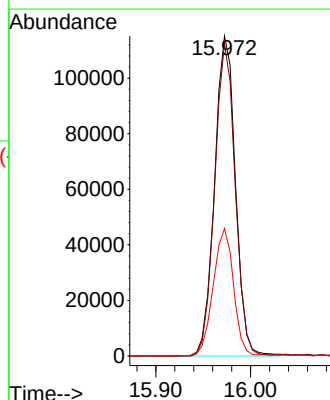
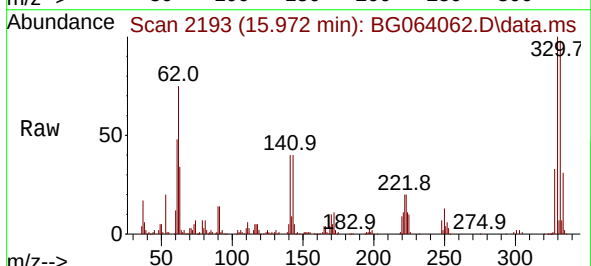
Tgt Ion:330 Resp: 175834

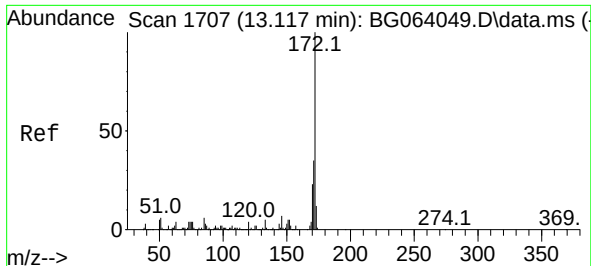
Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

141 38.9 29.7 44.5

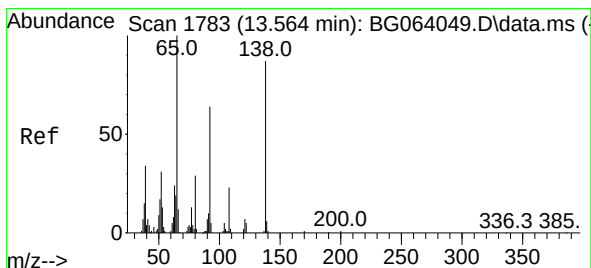
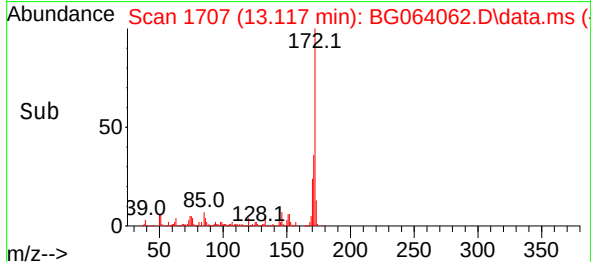
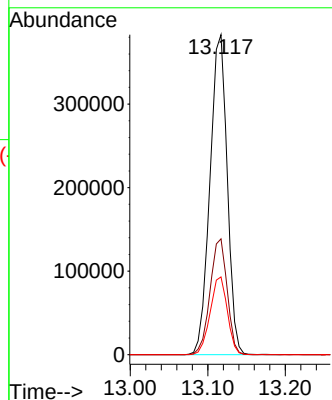
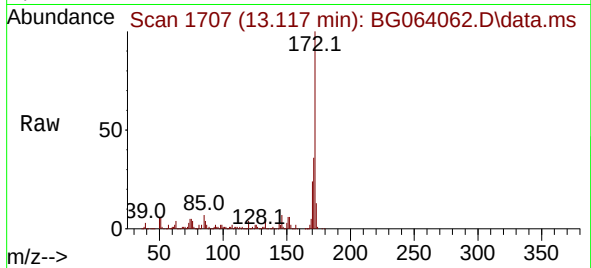




#45
2-Fluorobiphenyl
Concen: 84.658 ng
RT: 13.117 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

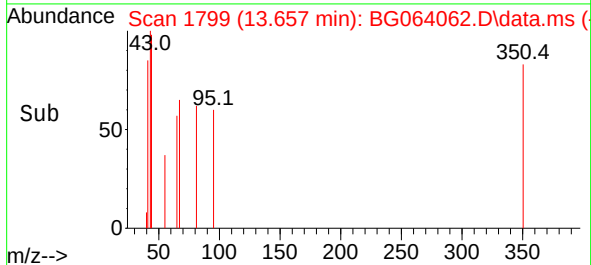
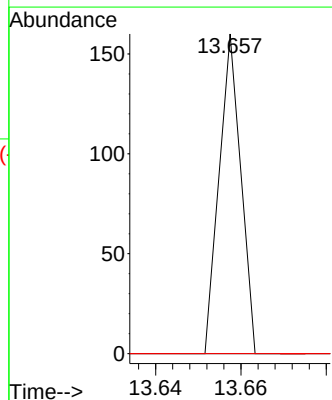
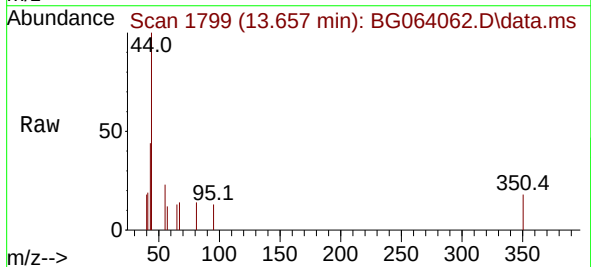
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

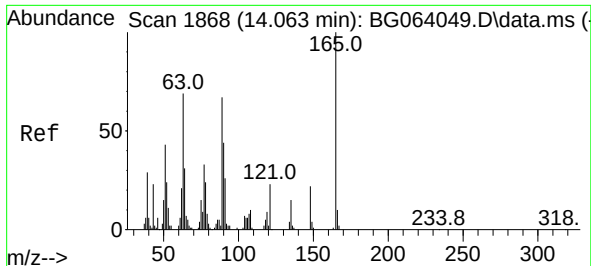
Tgt Ion:172 Resp: 592339
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.3 18.7 28.1



#48
2-Nitroaniline
Concen: 3.244 ng
RT: 13.657 min Scan# 1799
Delta R.T. 0.093 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#

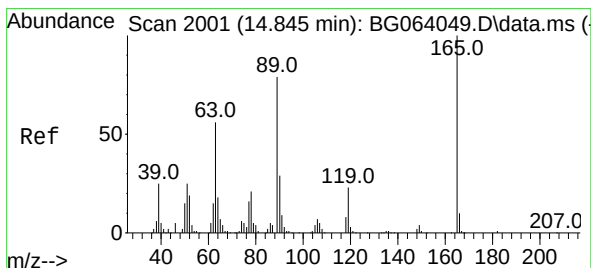
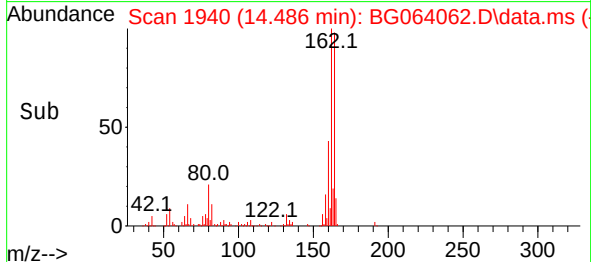
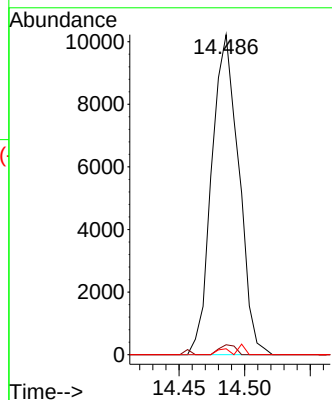
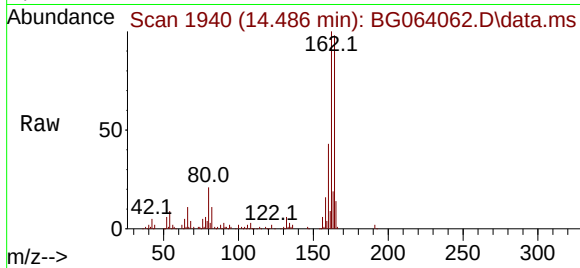




#51
2,6-Dinitrotoluene
Concen: 11.941 ng
RT: 14.486 min Scan# 1400
Delta R.T. 0.423 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

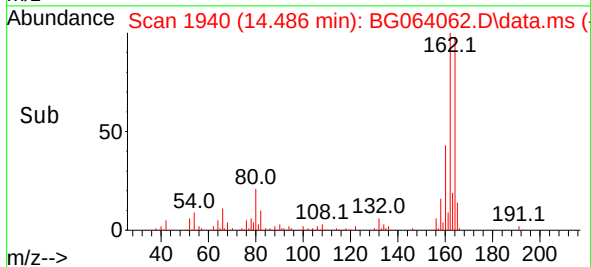
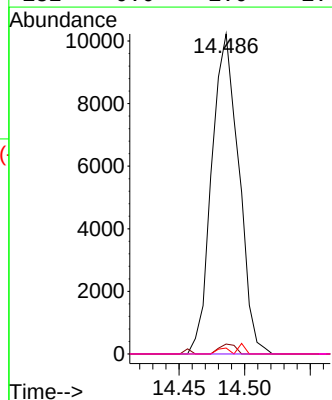
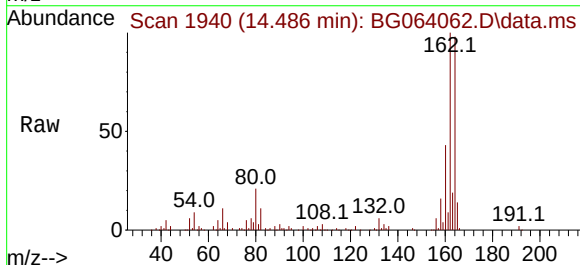
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

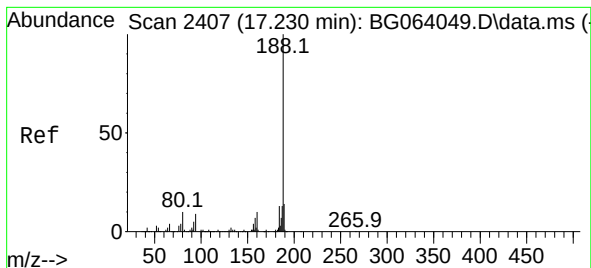
Tgt Ion:165 Resp: 14679
Ion Ratio Lower Upper
165 100
63 3.1 56.7 85.1#
89 1.8 53.7 80.5#



#57
2,4-Dinitrotoluene
Concen: 9.826 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.359 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:165 Resp: 14679
Ion Ratio Lower Upper
165 100
63 3.1 45.0 67.6#
89 1.8 63.1 94.7#
182 0.0 1.0 1.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

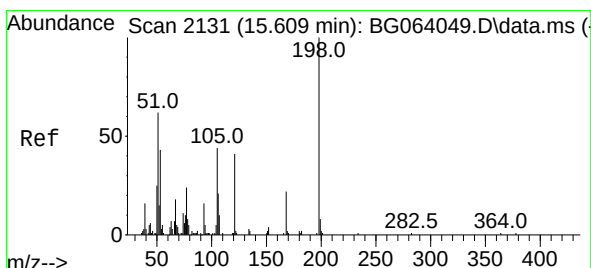
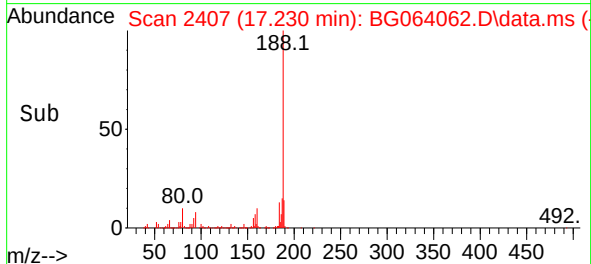
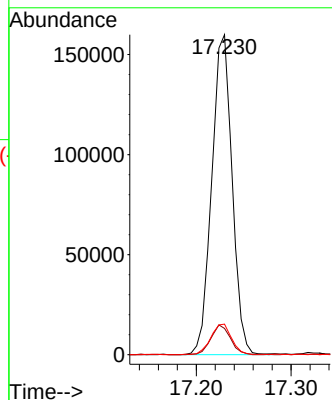
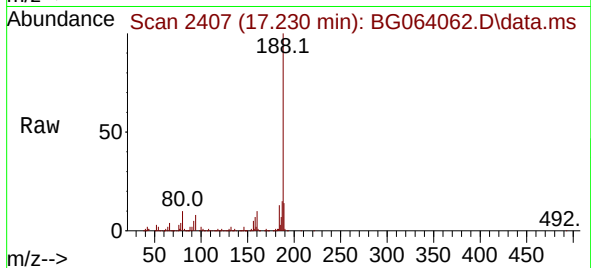
Tgt Ion:188 Resp: 238389

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 9.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.225 ng

RT: 15.778 min Scan# 2160

Delta R.T. 0.169 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

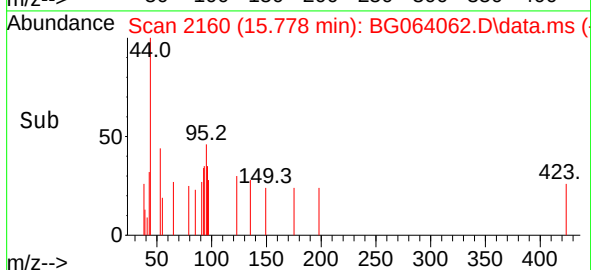
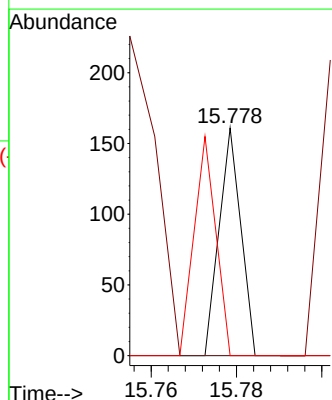
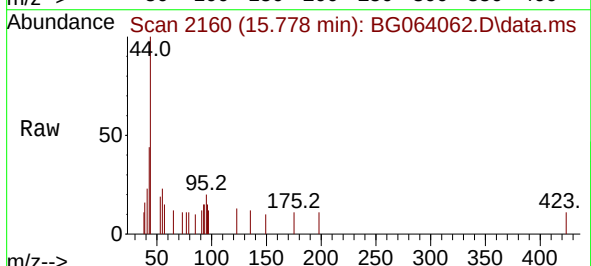
Tgt Ion:198 Resp: 57

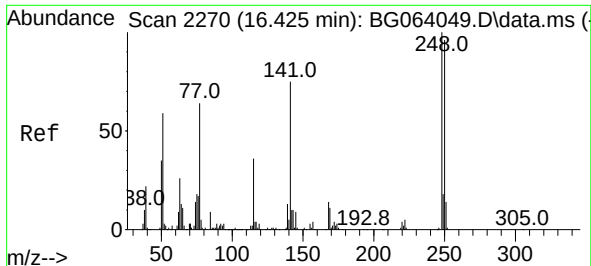
Ion Ratio Lower Upper

198 100

51 0.0 45.6 85.6#

105 0.0 25.3 65.3#

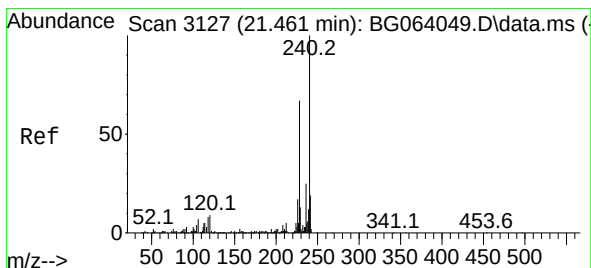
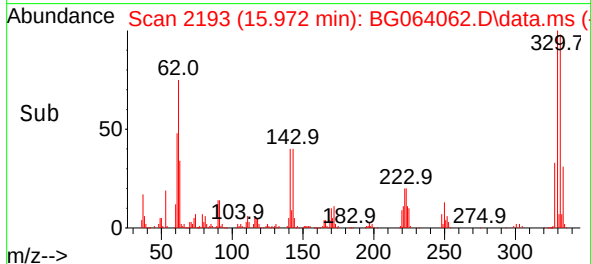
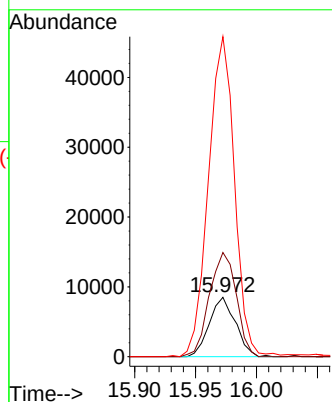
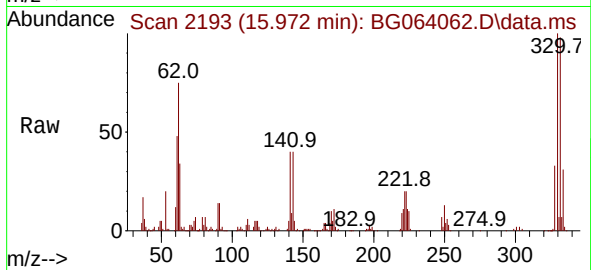




#67
4-Bromophenyl-phenylether
Concen: 5.209 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

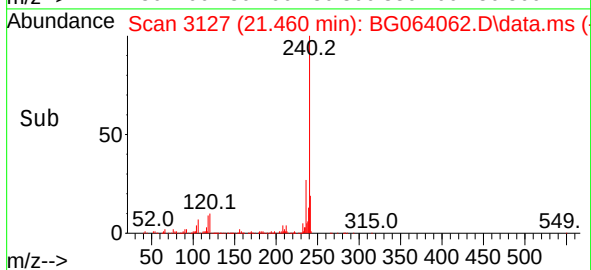
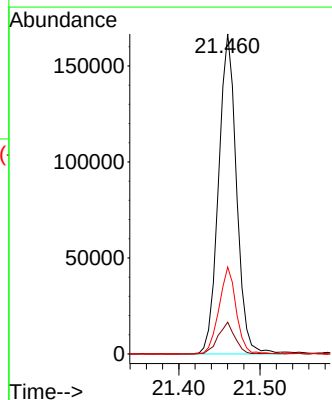
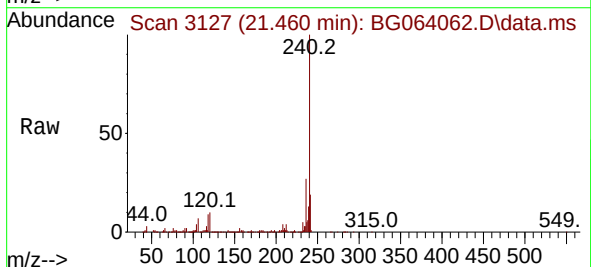
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

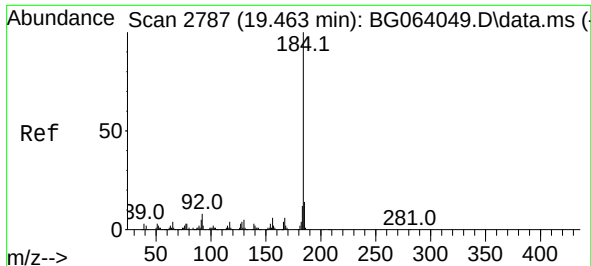
Tgt Ion:248 Resp: 12718
Ion Ratio Lower Upper
248 100
250 175.6 77.1 115.7#
141 539.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:240 Resp: 256559
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 27.1 20.2 30.2

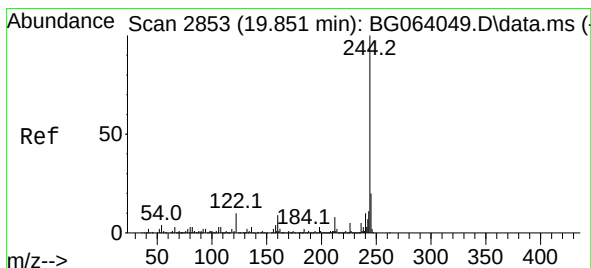
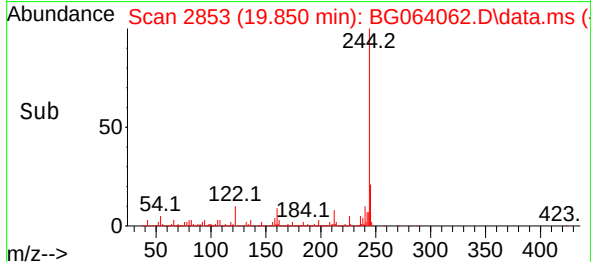
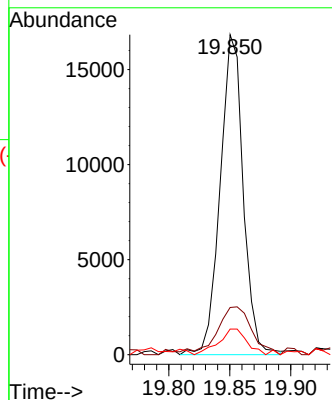
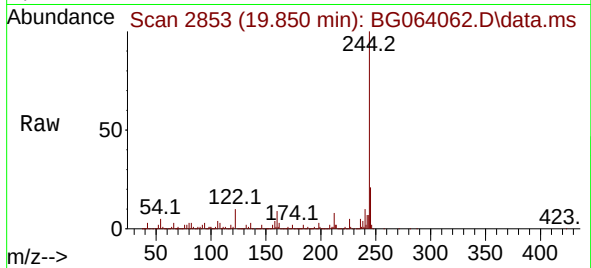




#77
Benzidine
Concen: 6.236 ng
RT: 19.850 min Scan# 2853
Delta R.T. 0.387 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

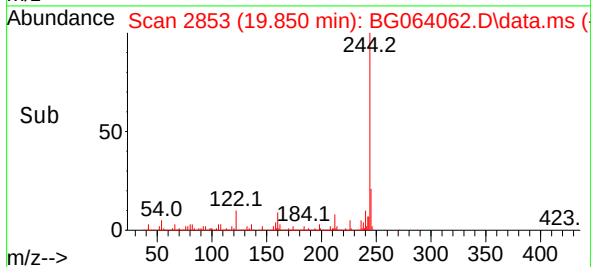
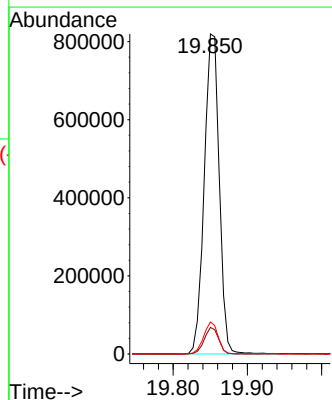
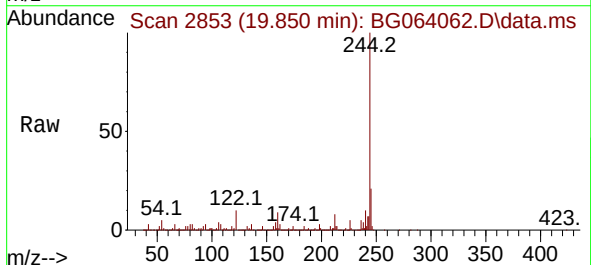
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

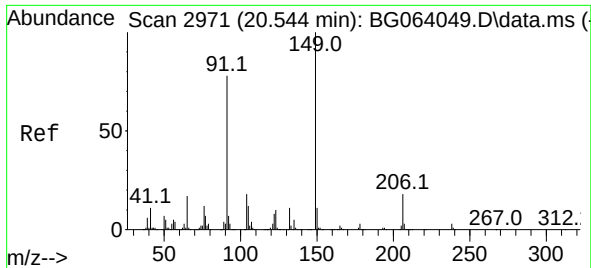
Tgt Ion:184 Resp: 22155
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 8.0 9.5 14.3#



#79
Terphenyl-d14
Concen: 90.953 ng
RT: 19.850 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:244 Resp: 1154050
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.4
122 10.0 8.0 12.0

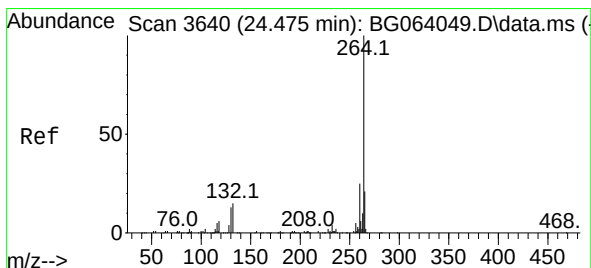
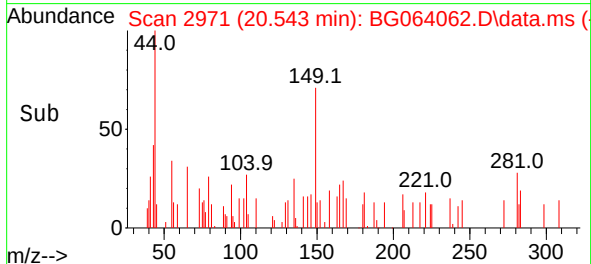
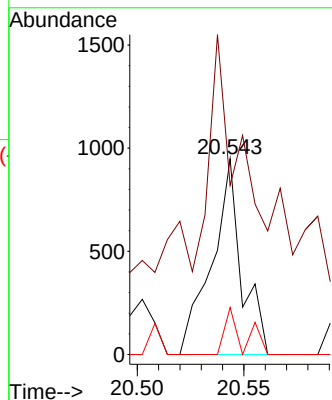
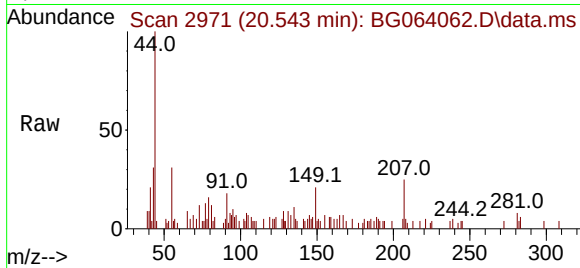




#80
Butylbenzylphthalate
Concen: 3.775 ng
RT: 20.543 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Tgt Ion:	149	Resp:	921
Ion Ratio	Lower	Upper	
149	100		
91	86.4	62.0	93.0
206	24.0	14.6	21.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 3641
Delta R.T. 0.005 min
Lab File: BG064062.D
Acq: 7 Mar 2025 17:00

Tgt Ion:	264	Resp:	269616
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.6	29.4
265	20.1	16.6	25.0

