

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064189.D
 Acq On : 4 Apr 2025 6:07
 Operator : RC/JU
 Sample : Q1693-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:06:58 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)

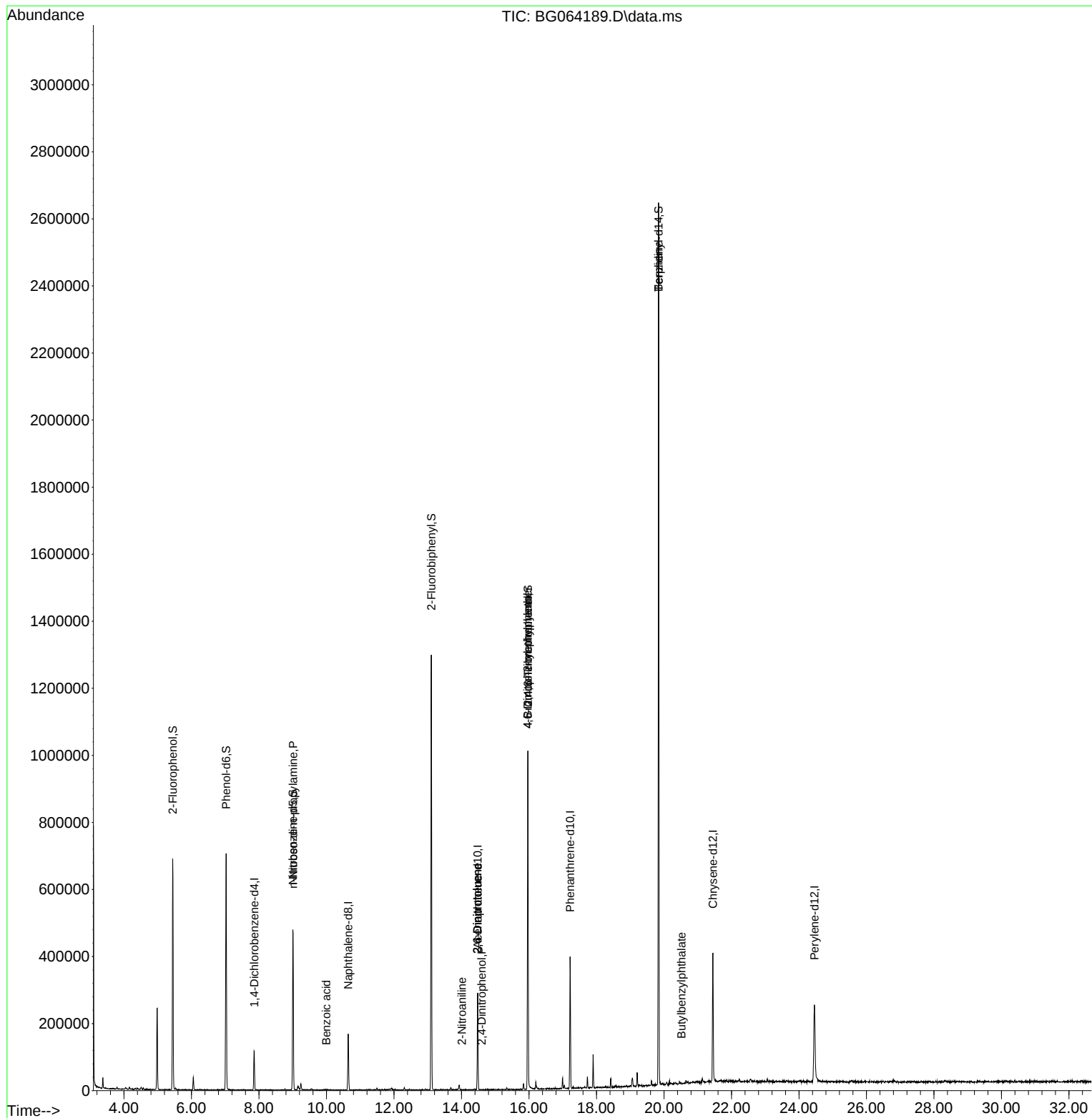
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	27892	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	127310	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	97417	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	225121	20.000	ng	-0.01
76) Chrysene-d12	21.450	240	229014	20.000	ng	-0.01
86) Perylene-d12	24.458	264	246132	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	252369	141.281	ng	0.00
7) Phenol-d6	7.026	99	325688	134.025	ng	0.00
23) Nitrobenzene-d5	9.006	82	252088	109.425	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	173943	160.633	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	611454	95.272	ng	-0.01
79) Terphenyl-d14	19.840	244	1158493	102.285	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.012	70	35753	20.964	ng	# 75
32) Benzoic acid	9.993	122	283	8.872	ng	# 65
48) 2-Nitroaniline	14.018	65	60	3.249	ng	# 11
51) 2,6-Dinitrotoluene	14.476	165	13669	12.071	ng	# 15
54) 2,4-Dinitrophenol	14.599	184	64	7.977	ng	# 15
57) 2,4-Dinitrotoluene	14.476	165	13669	9.920	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.962	198	681	8.760	ng	# 1
67) 4-Bromophenyl-phenylether	15.962	248	12038	5.221	ng	# 1
77) Benzidine	19.840	184	22934	7.232	ng	100
80) Butylbenzylphthalate	20.522	149	391	3.703	ng	# 12

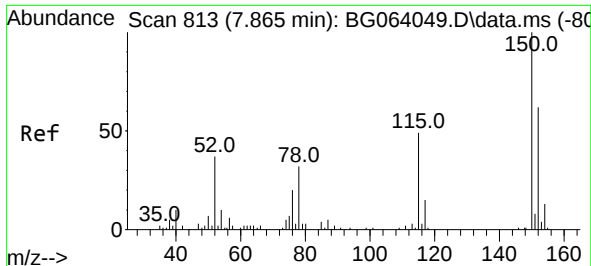
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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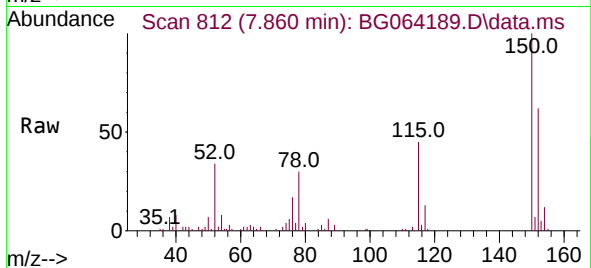
Quant Time: Apr 04 07:06:58 2025
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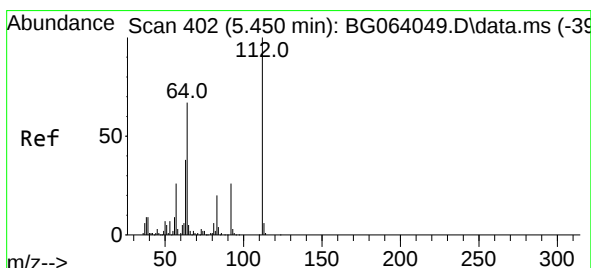
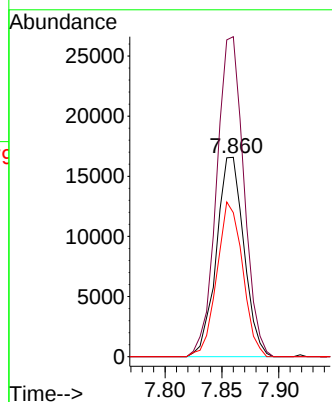
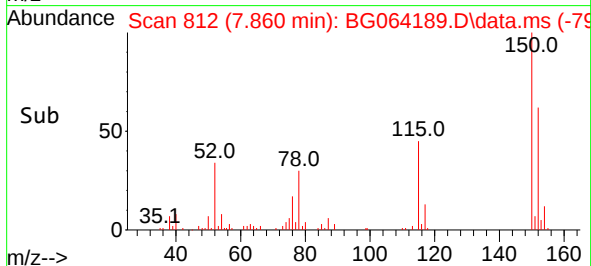


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

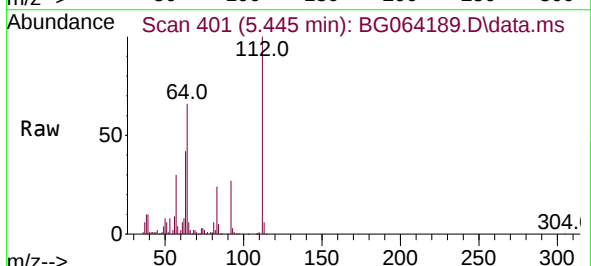
Instrument :
BNA_G
ClientSampleId :



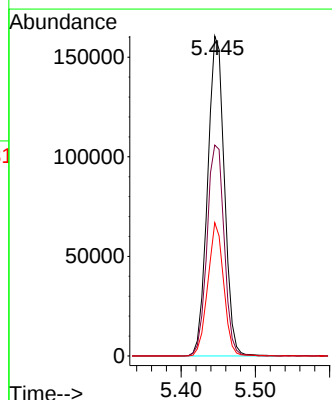
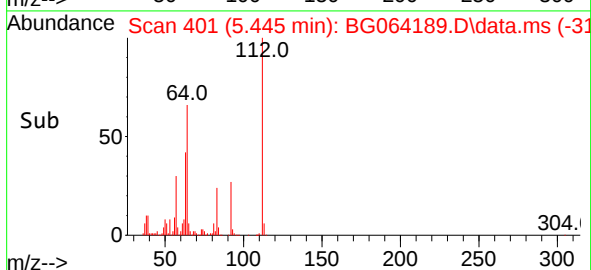
Tgt Ion:152 Resp: 27892
Ion Ratio Lower Upper
152 100
150 160.5 129.2 193.8
115 72.2 63.0 94.6



#5
2-Fluorophenol
Concen: 141.281 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07



Tgt Ion:112 Resp: 252369
Ion Ratio Lower Upper
112 100
64 65.9 53.7 80.5
63 41.7 30.2 45.4

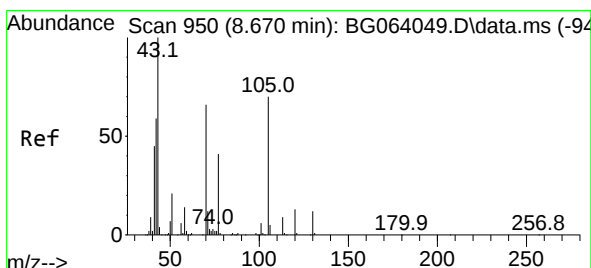
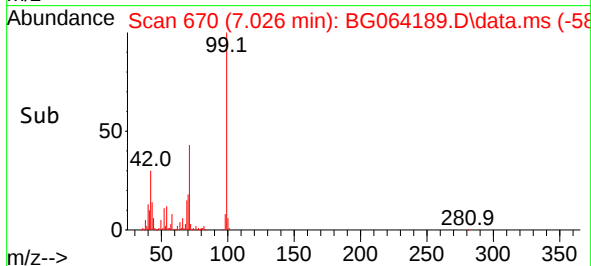
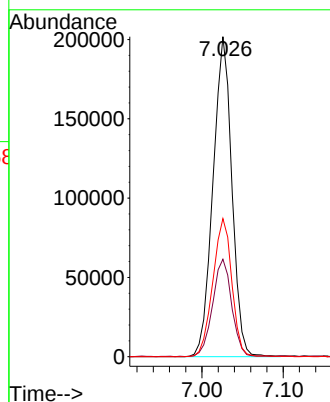
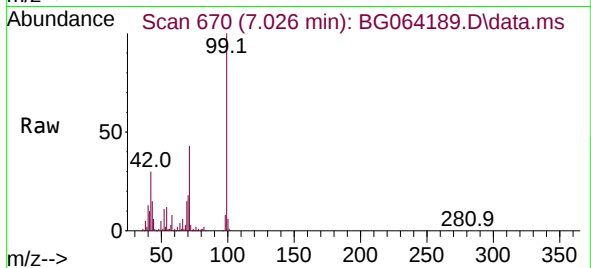




#7
Phenol-d6
Concen: 134.025 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

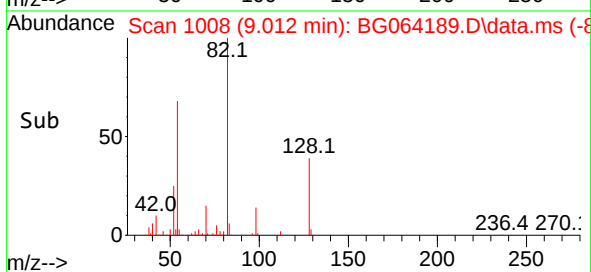
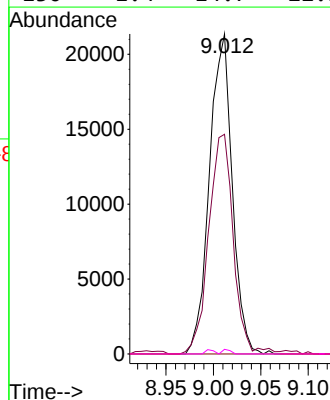
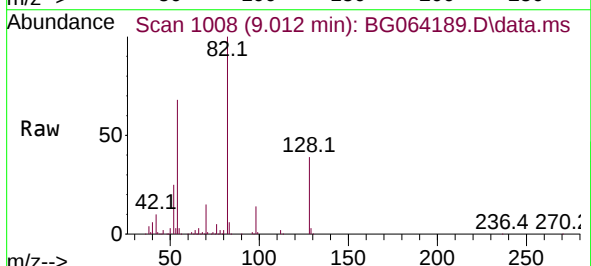
Instrument :
BNA_G
ClientSampleId :

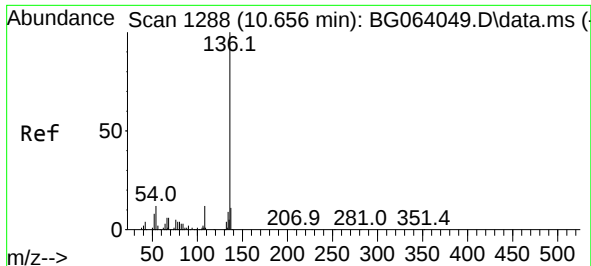
Tgt Ion: 99 Resp: 325688
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 43.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.964 ng
RT: 9.012 min Scan# 1008
Delta R.T. 0.342 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion: 70 Resp: 35753
Ion Ratio Lower Upper
70 100
42 68.7 72.1 108.1#
101 0.0 7.2 10.8#
130 1.4 14.7 22.1#

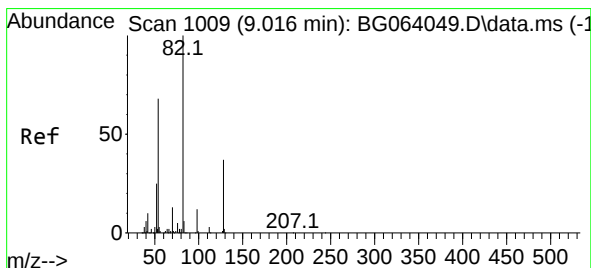
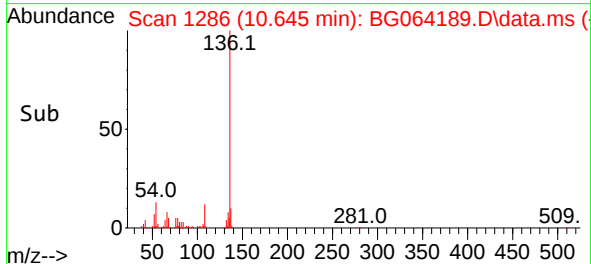
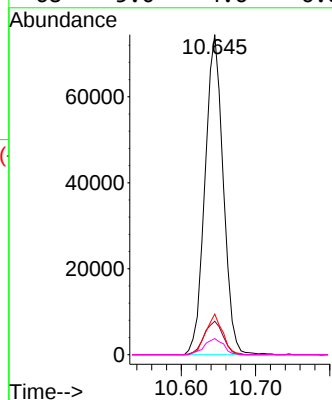
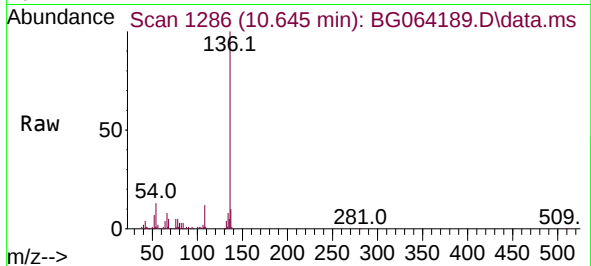




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

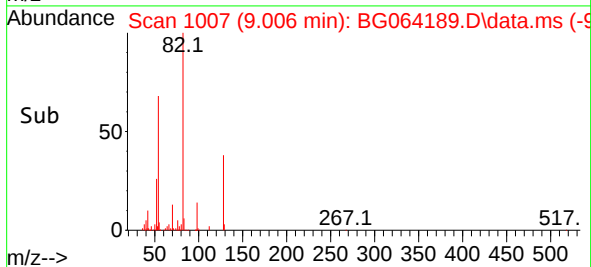
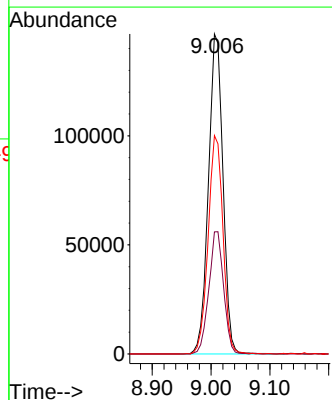
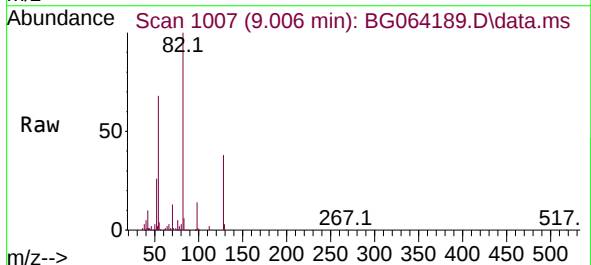
Instrument :
BNA_G
ClientSampleId :

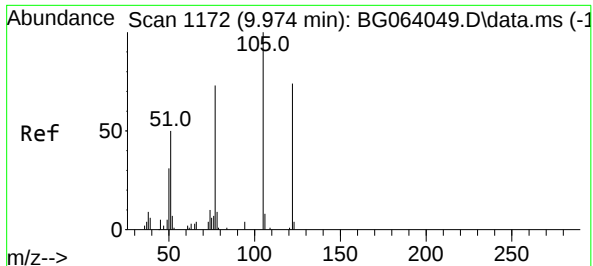
Tgt Ion:136 Resp: 127310
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 12.7 9.9 14.9
68 5.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 109.425 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

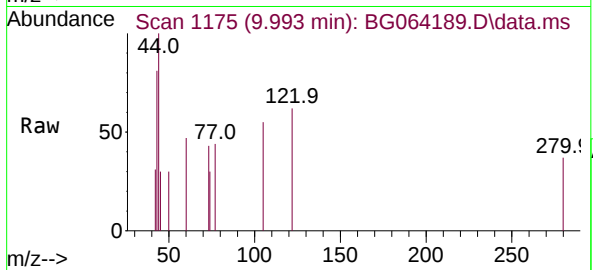
Tgt Ion: 82 Resp: 252088
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 68.3 54.7 82.1



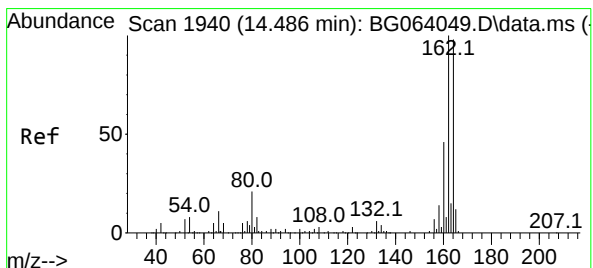
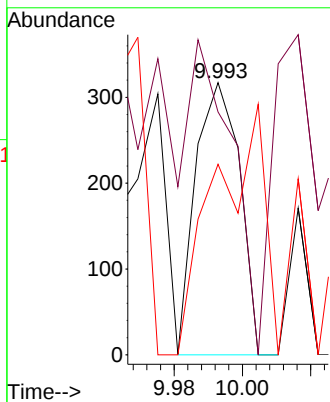
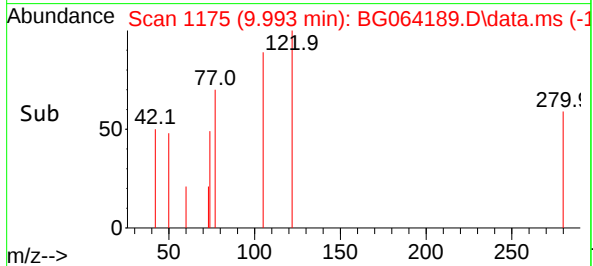


#32
Benzoic acid
Concen: 8.872 ng
RT: 9.993 min Scan# 1175
Delta R.T. 0.019 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

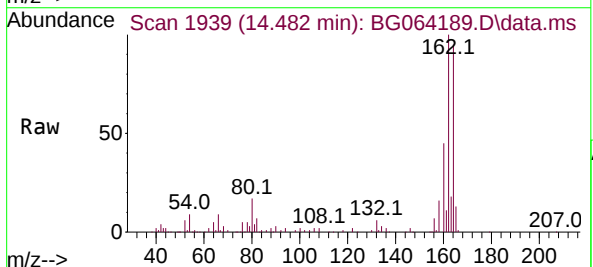
Instrument :
BNA_G
ClientSampleId :



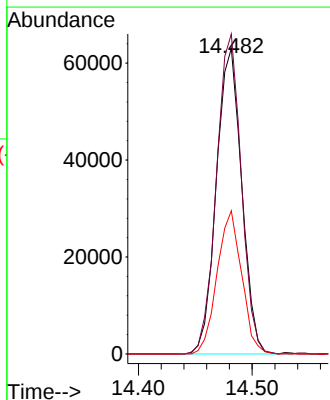
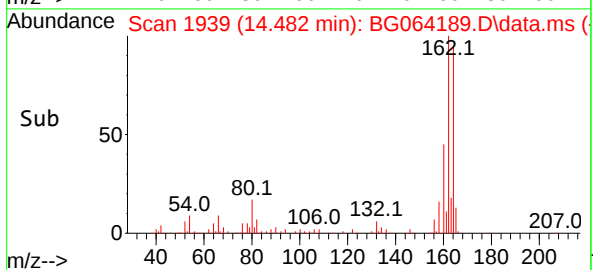
Tgt Ion:122 Resp: 283
Ion Ratio Lower Upper
122 100
105 89.3 115.0 155.0#
77 70.0 80.9 120.9#

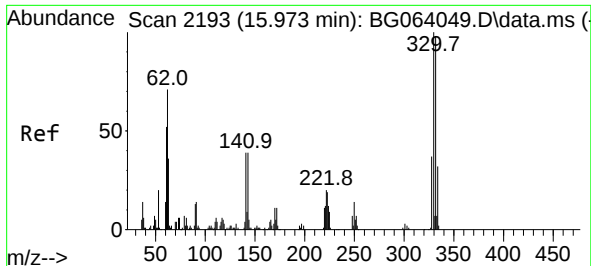


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07



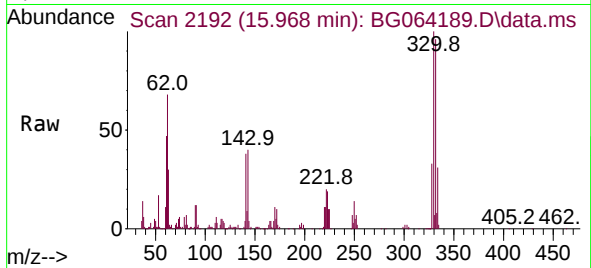
Tgt Ion:164 Resp: 97417
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 46.8 37.0 55.6



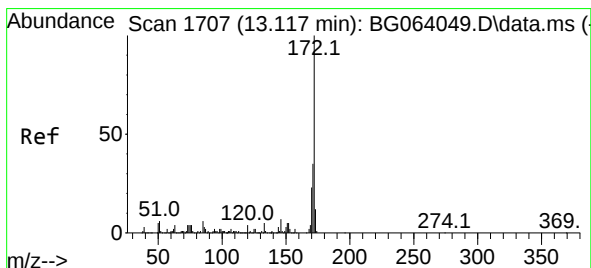
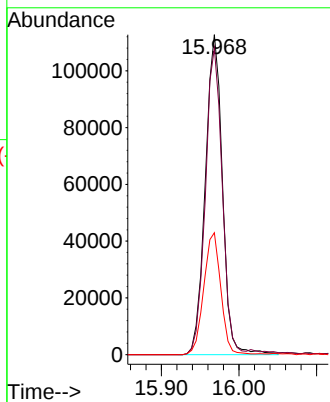
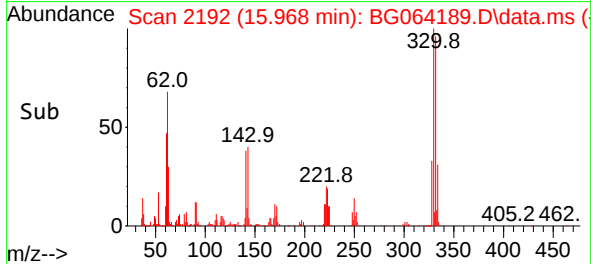


#42
2,4,6-Tribromophenol
Concen: 160.633 ng
RT: 15.968 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

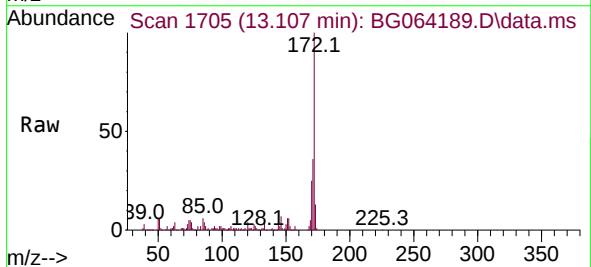
Instrument :
BNA_G
ClientSampleId :



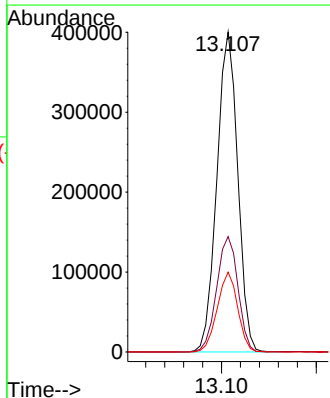
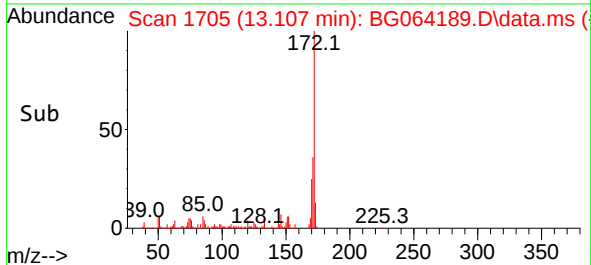
Tgt Ion:330 Resp: 173943
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 37.8 29.7 44.5

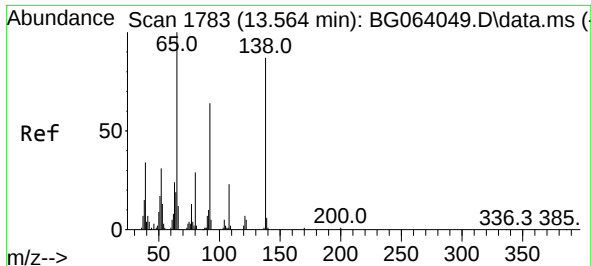


#45
2-Fluorobiphenyl
Concen: 95.272 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07



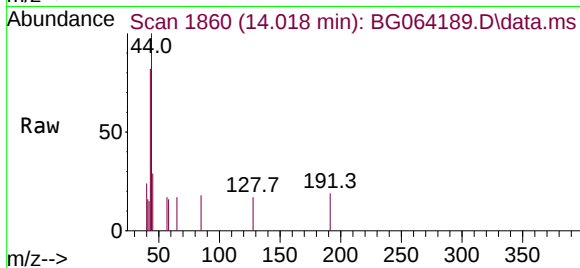
Tgt Ion:172 Resp: 611454
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.0 18.7 28.1



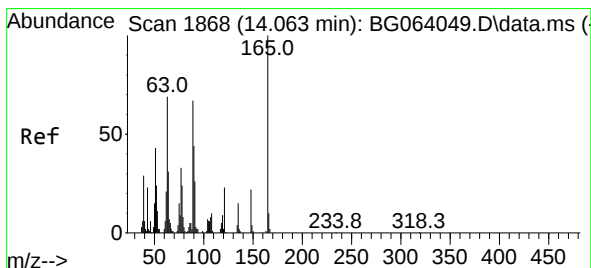
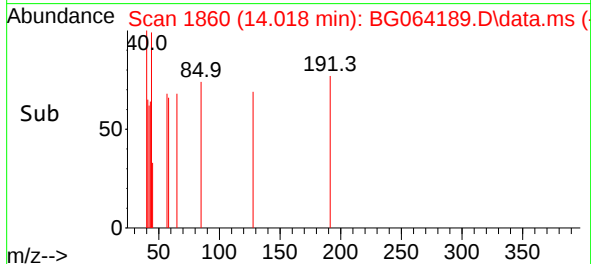
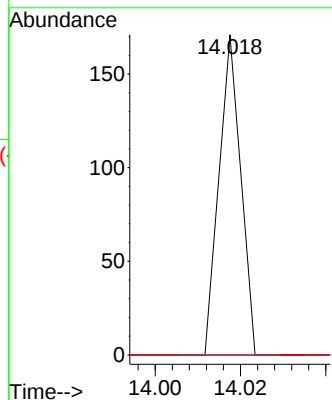


#48
2-Nitroaniline
Concen: 3.249 ng
RT: 14.018 min Scan# 11
Delta R.T. 0.454 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Instrument :
BNA_G
ClientSampleId :

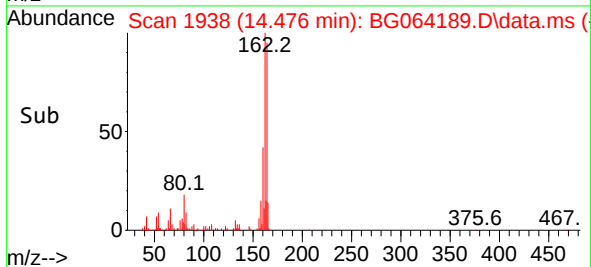
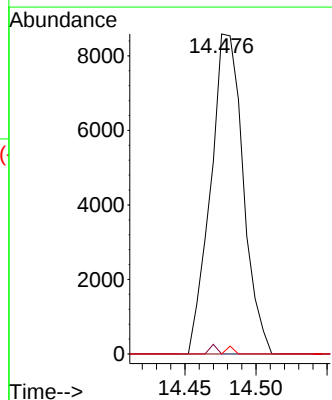
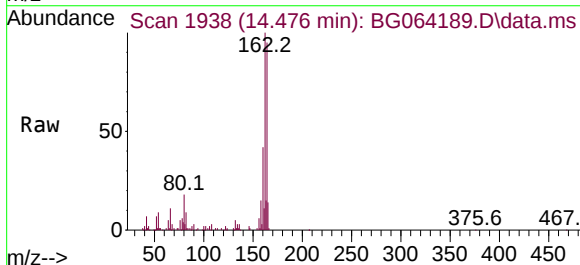


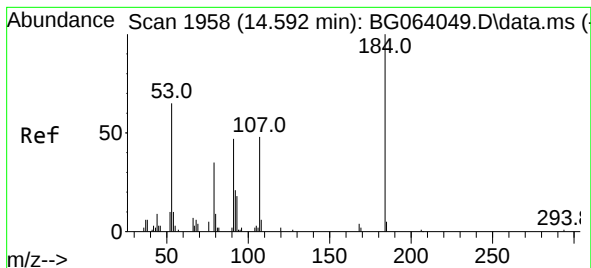
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.071 ng
RT: 14.476 min Scan# 1938
Delta R.T. 0.413 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

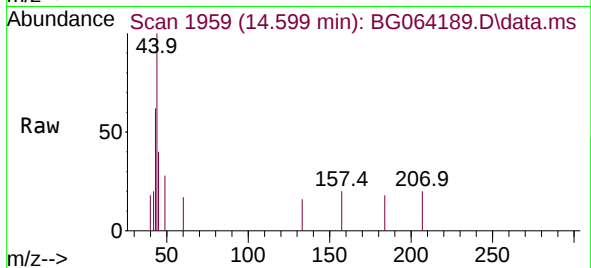
Tgt Ion:165 Resp: 13669
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



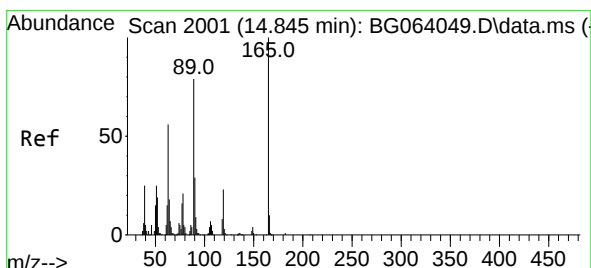
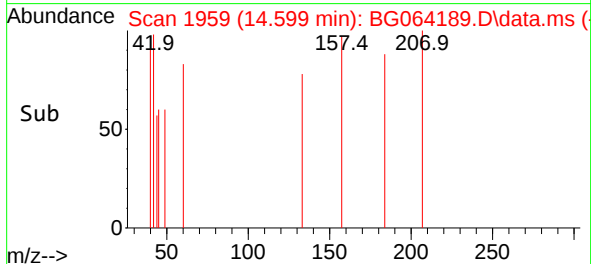
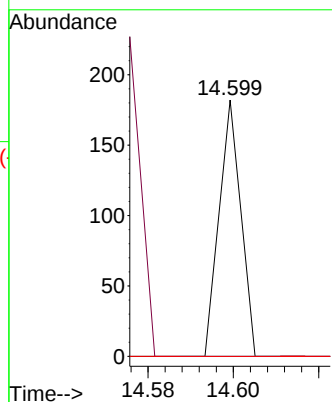


#54
2,4-Dinitrophenol
Concen: 7.977 ng
RT: 14.599 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Instrument :
BNA_G
ClientSampleId :

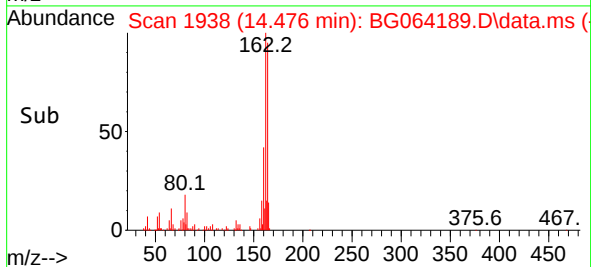
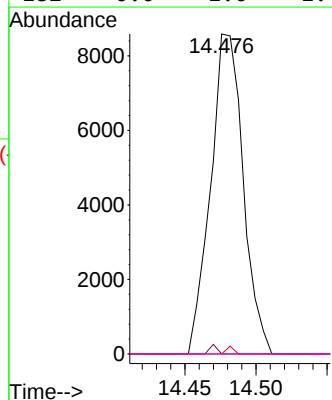
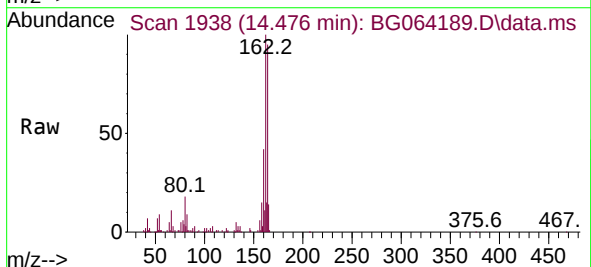


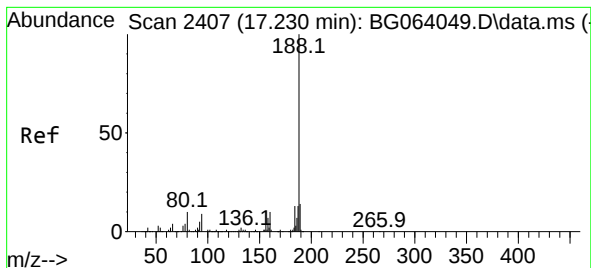
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.920 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.369 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:165 Resp: 13669
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: 17.220 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

Instrument :

BNA_G

ClientSampleId :

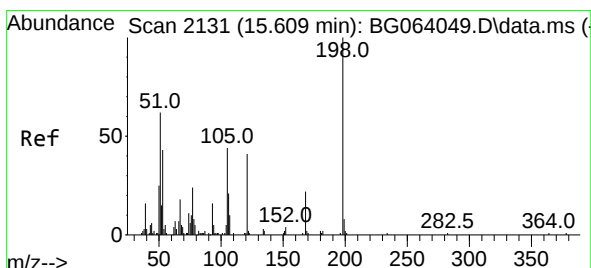
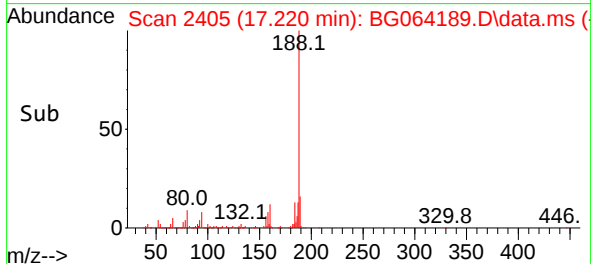
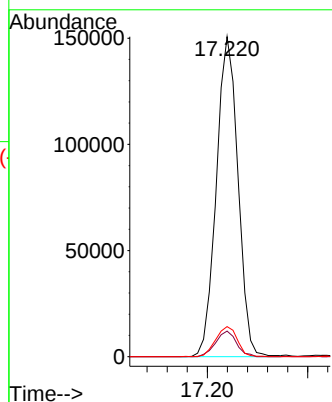
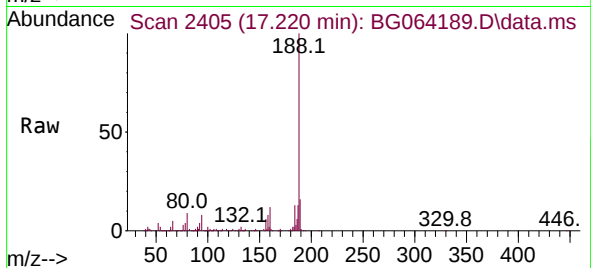
Tgt Ion:188 Resp: 225121

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 9.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.760 ng

RT: 15.962 min Scan# 2191

Delta R.T. 0.353 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

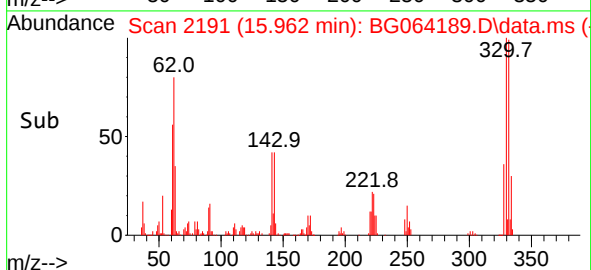
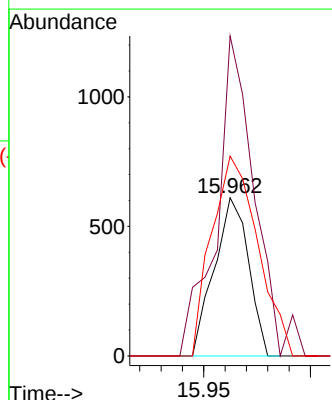
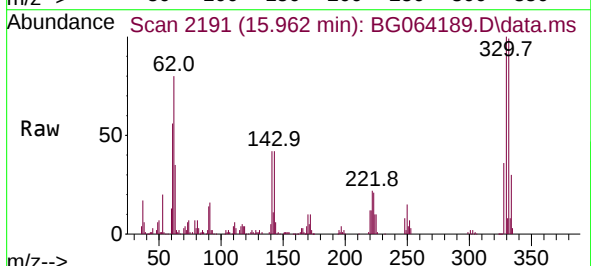
Tgt Ion:198 Resp: 681

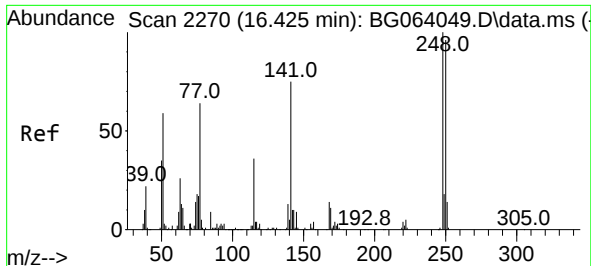
Ion Ratio Lower Upper

198 100

51 202.1 45.6 85.6#

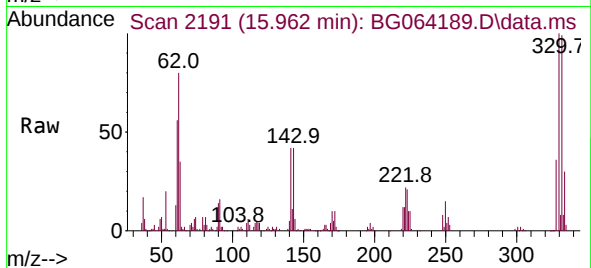
105 126.2 25.3 65.3#



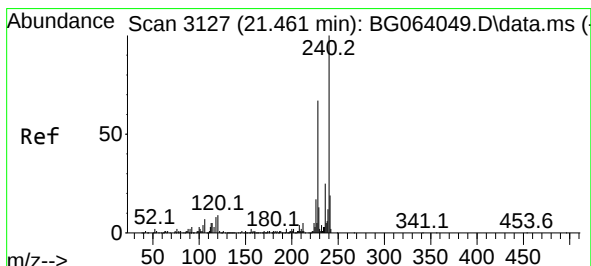
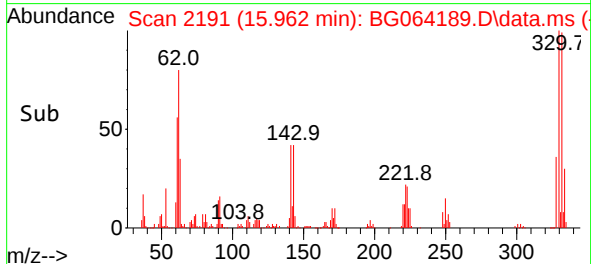
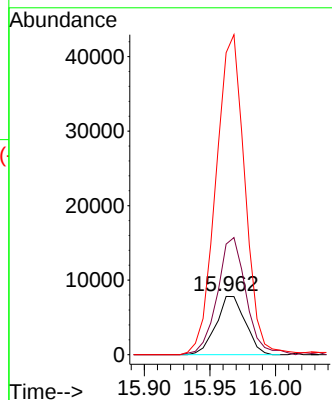


#67
4-Bromophenyl-phenylether
Concen: 5.221 ng
RT: 15.962 min Scan# 2191
Delta R.T. -0.463 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Instrument :
BNA_G
ClientSampleId :

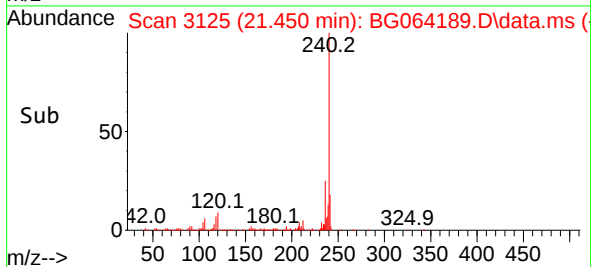
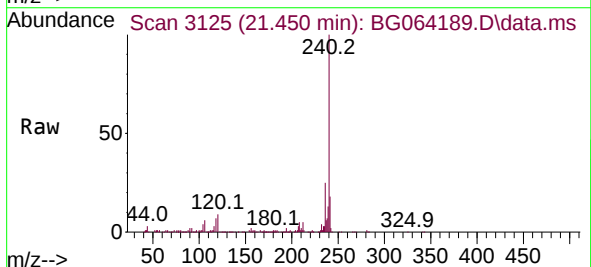
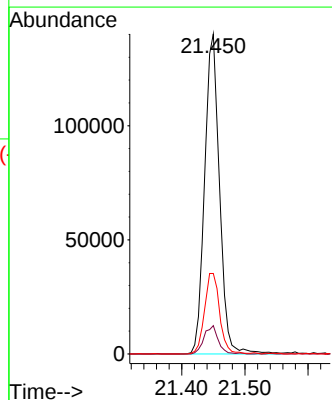


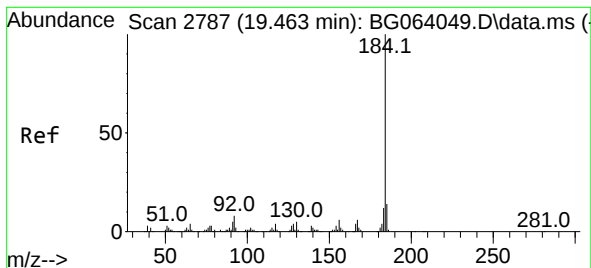
Tgt Ion:248 Resp: 12038
Ion Ratio Lower Upper
248 100
250 189.6 77.1 115.7#
141 518.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:240 Resp: 229014
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 25.2 20.2 30.2





#77

Benzidine

Concen: 7.232 ng

RT: 19.840 min Scan# 2851

Delta R.T. 0.377 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

Instrument :

BNA_G

ClientSampleId :

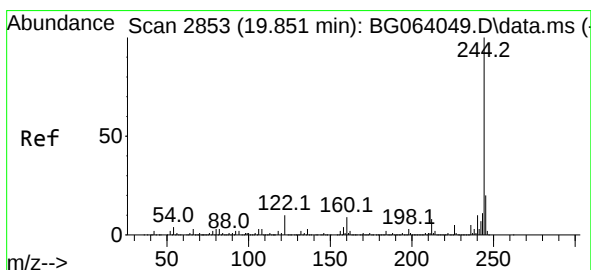
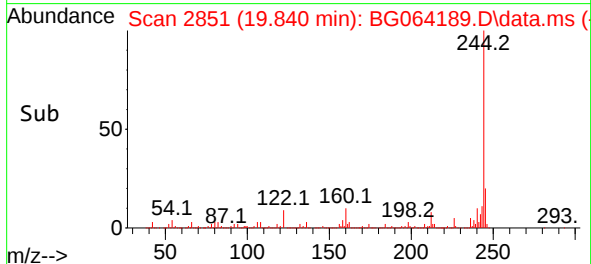
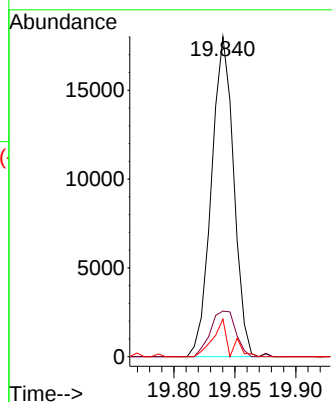
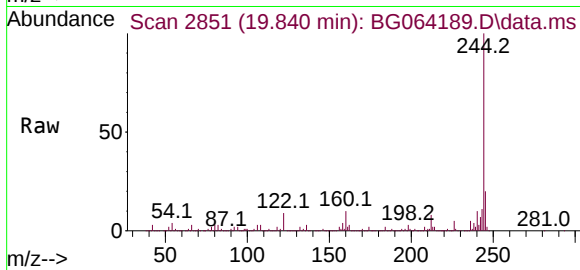
Tgt Ion:184 Resp: 22934

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.7 9.5 14.3



#79

Terphenyl-d14

Concen: 102.285 ng

RT: 19.840 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

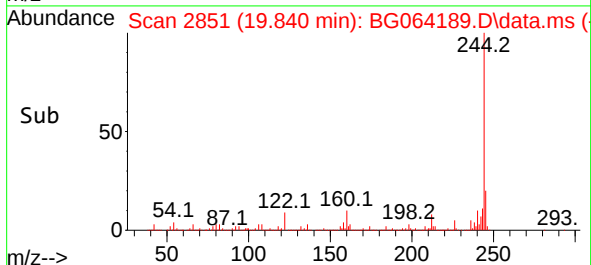
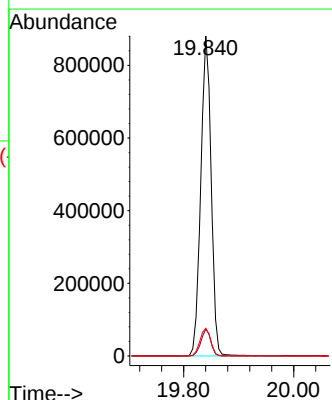
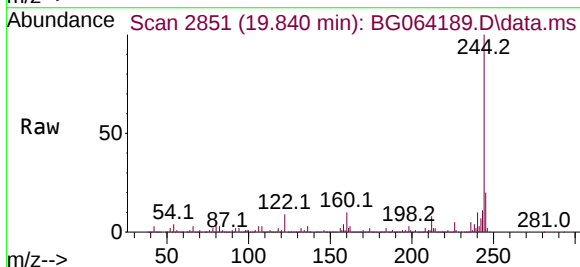
Tgt Ion:244 Resp: 1158493

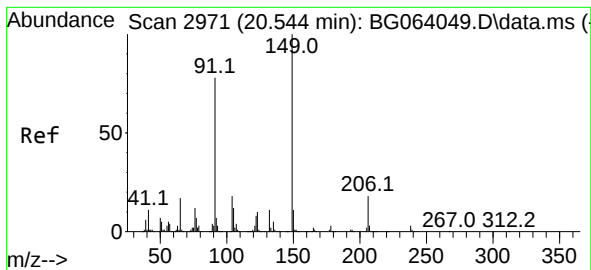
Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 8.7 8.0 12.0

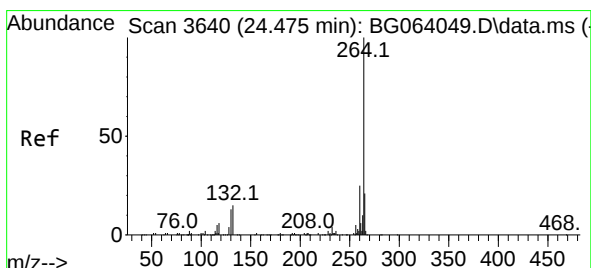
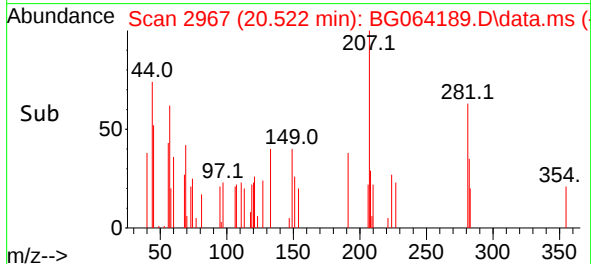
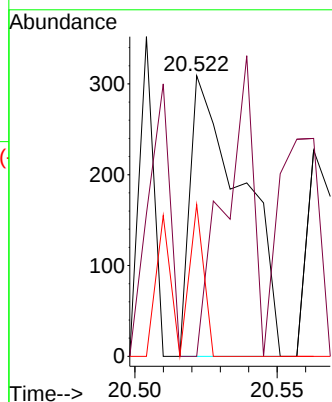
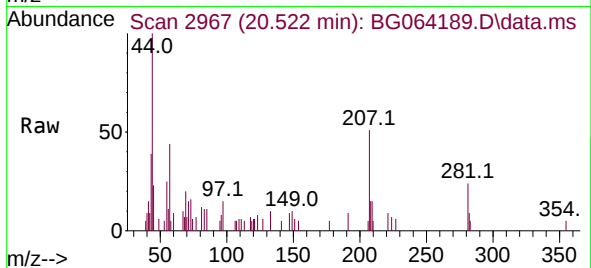




#80
Butylbenzylphthalate
Concen: 3.703 ng
RT: 20.522 min Scan# 2971
Delta R.T. -0.022 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 391
Ion Ratio Lower Upper
149 100
91 0.0 62.0 93.0#
206 54.0 14.6 21.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.016 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:264 Resp: 246132
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 22.0 16.6 25.0

