

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064174.D
 Acq On : 3 Apr 2025 19:58
 Operator : RC/JU
 Sample : PB167451BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:46:36 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)

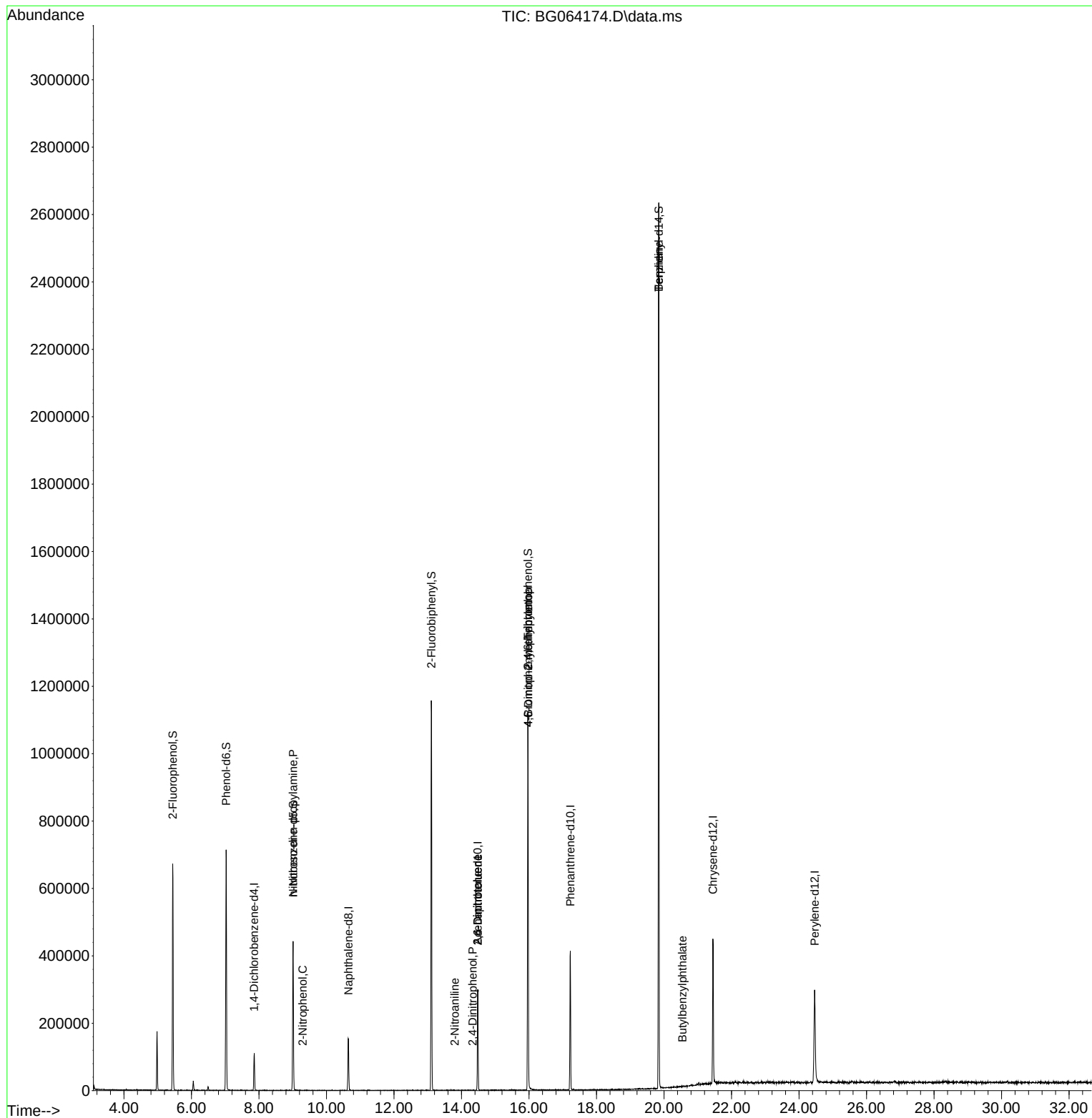
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	27407	20.000	ng	#-0.01
21) Naphthalene-d8	10.650	136	121488	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	99612	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	240876	20.000	ng	0.00
76) Chrysene-d12	21.449	240	250147	20.000	ng	-0.01
86) Perylene-d12	24.463	264	267703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	245391	139.805	ng	0.00
7) Phenol-d6	7.025	99	334749	140.191	ng	0.00
23) Nitrobenzene-d5	9.011	82	226433	102.999	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	185996	167.979	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	565811	86.218	ng	0.00
79) Terphenyl-d14	19.845	244	1165740	94.229	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	32399	19.334	ng	# 76
26) 2-Nitrophenol	9.299	139	107	3.433	ng	# 26
48) 2-Nitroaniline	13.799	65	64	3.251	ng	# 11
51) 2,6-Dinitrotoluene	14.481	165	13853	11.994	ng	# 16
54) 2,4-Dinitrophenol	14.334	184	72	7.986	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	13853	9.865	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.973	198	724	8.756	ng	# 3
67) 4-Bromophenyl-phenylether	15.973	248	13201	5.351	ng	# 1
77) Benzidine	19.845	184	22013	6.355	ng	# 95
80) Butylbenzylphthalate	20.544	149	88	3.651	ng	# 56

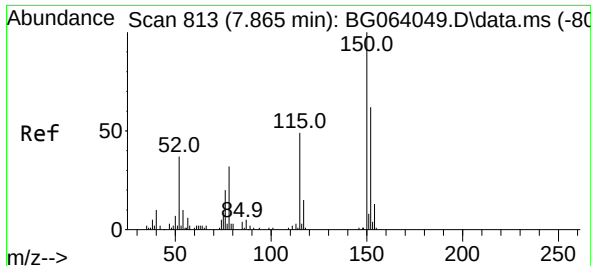
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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BNA_G
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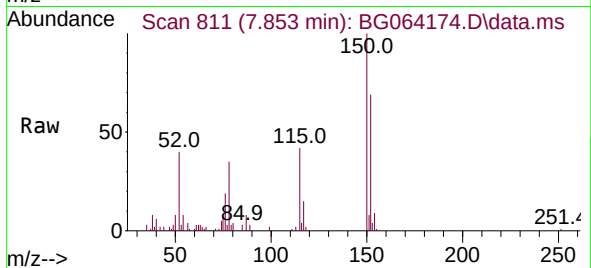
Quant Time: Apr 04 01:46:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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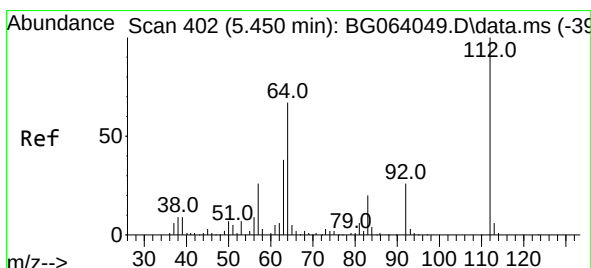
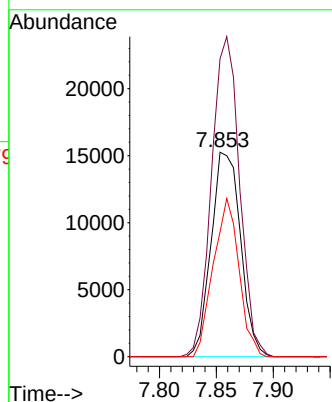
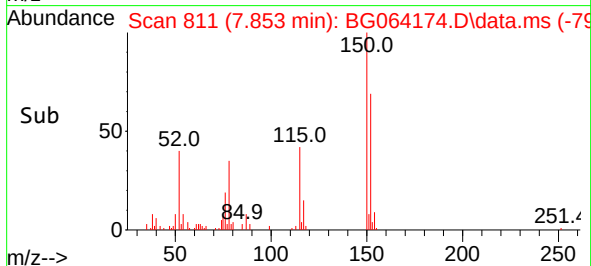


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 813
Delta R.T. -0.012 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

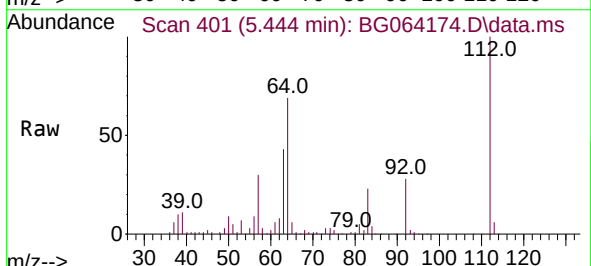
Instrument :
BNA_G
ClientSampleId :



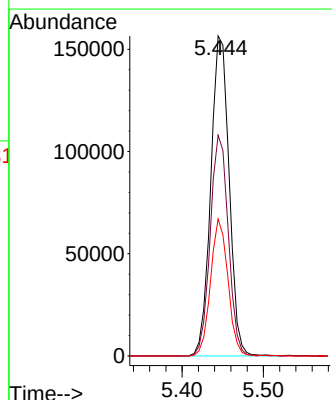
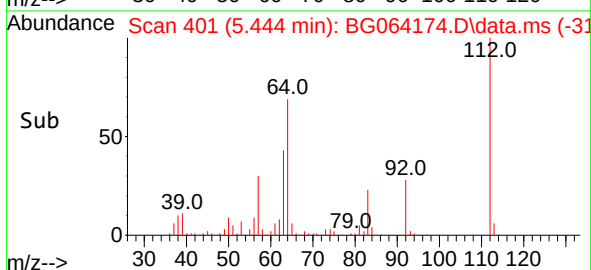
Tgt Ion:152 Resp: 27407
Ion Ratio Lower Upper
152 100
150 145.7 129.2 193.8
115 61.0 63.0 94.6#

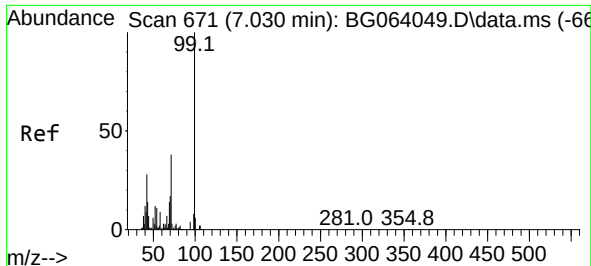


#5
2-Fluorophenol
Concen: 139.805 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58



Tgt Ion:112 Resp: 245391
Ion Ratio Lower Upper
112 100
64 68.9 53.7 80.5
63 42.8 30.2 45.4

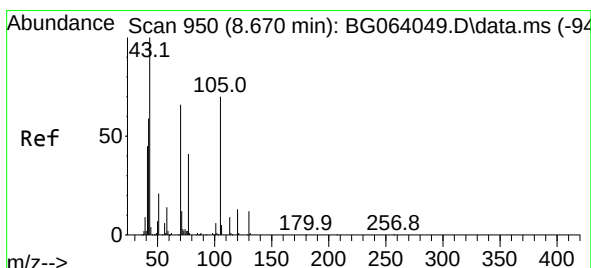
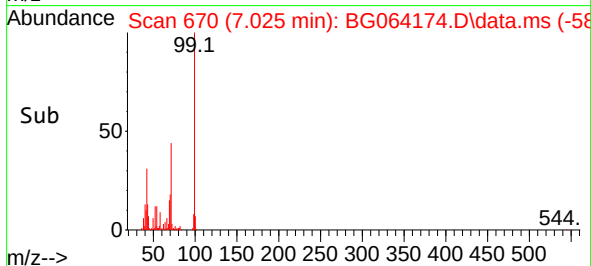
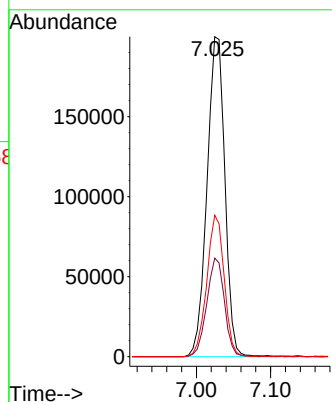
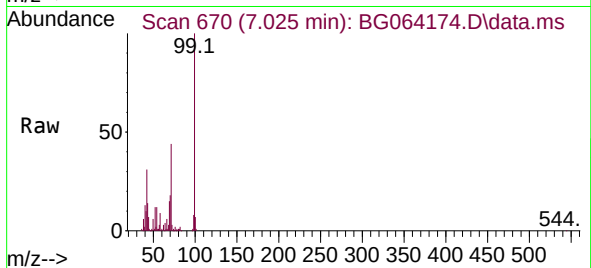




#7
Phenol-d6
Concen: 140.191 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

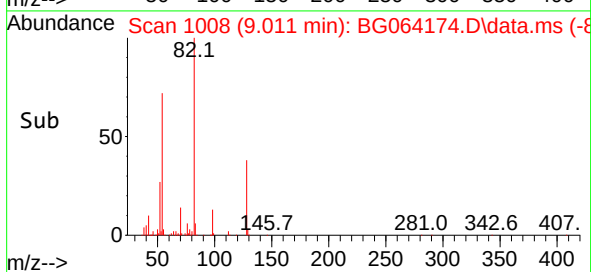
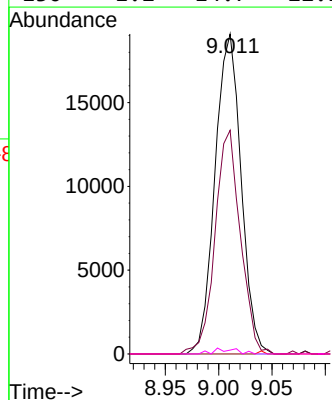
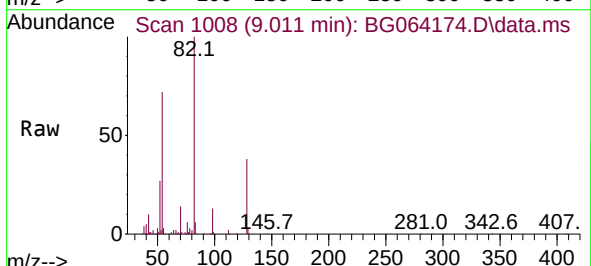
Instrument :
BNA_G
ClientSampleId :

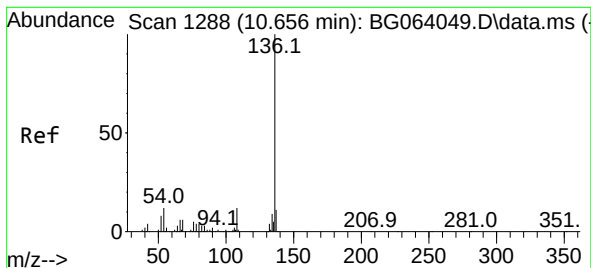
Tgt Ion: 99 Resp: 334749
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 44.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.334 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion: 70 Resp: 32399
Ion Ratio Lower Upper
70 100
42 69.9 72.1 108.1#
101 0.0 7.2 10.8#
130 1.2 14.7 22.1#

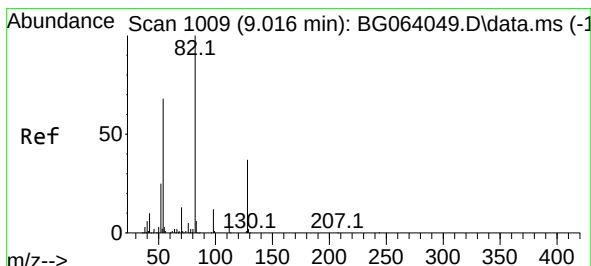
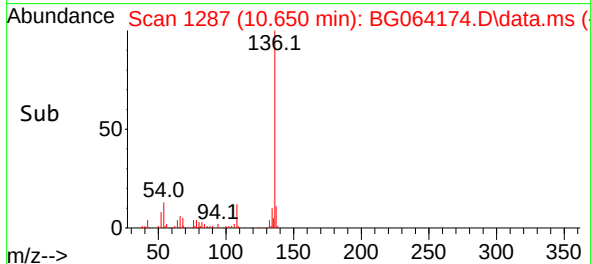
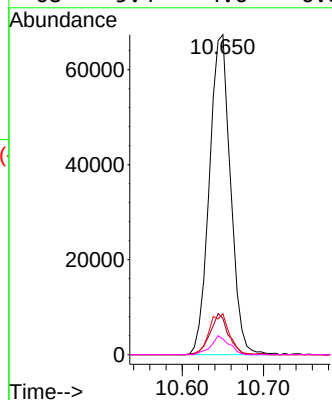
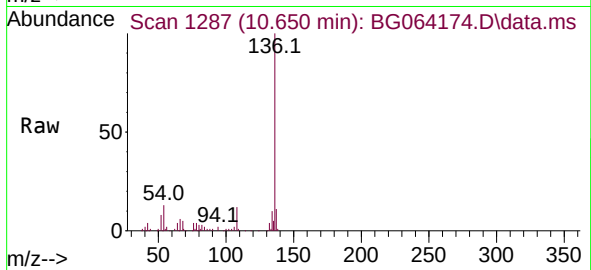




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

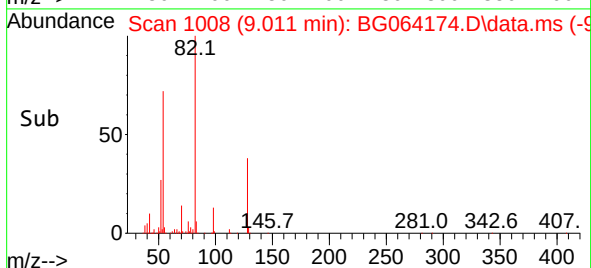
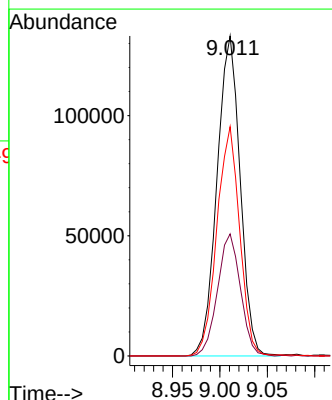
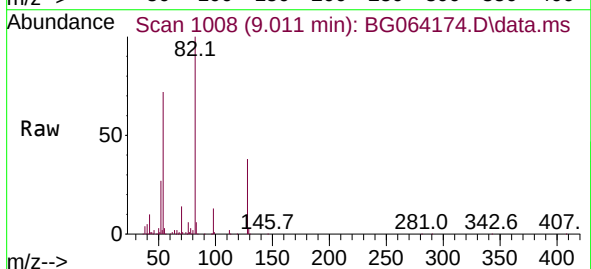
Instrument :
BNA_G
ClientSampleId :

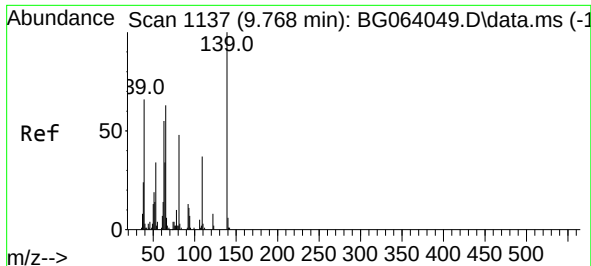
Tgt Ion:	136	Resp:	121488
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	12.8	9.9	14.9
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 102.999 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

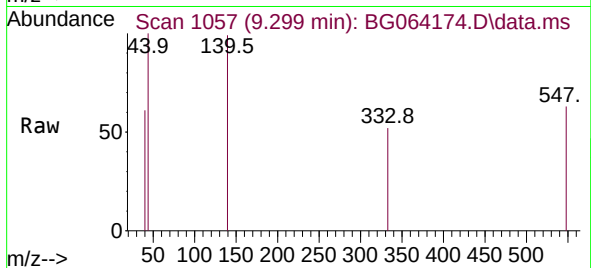
Tgt Ion:	82	Resp:	226433
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.0	45.0
54	71.6	54.7	82.1



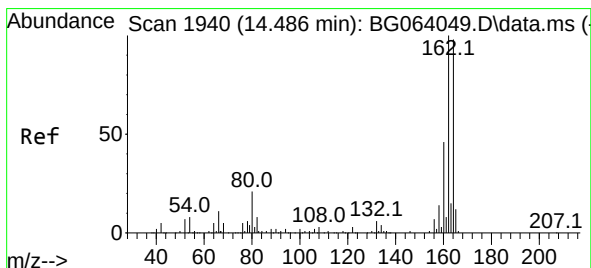
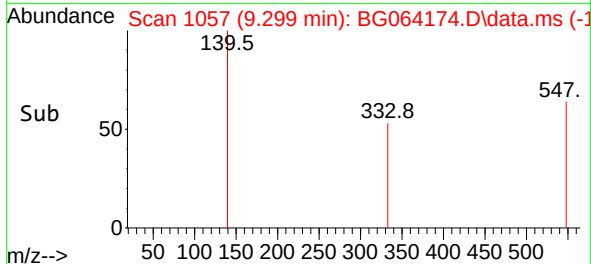
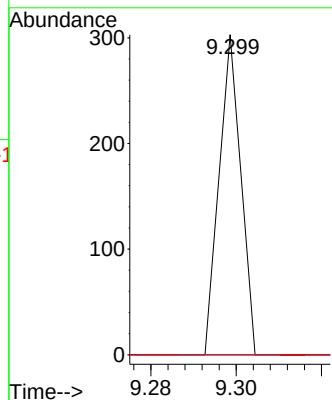


#26
2-Nitrophenol
Concen: 3.433 ng
RT: 9.299 min Scan# 1057
Delta R.T. -0.469 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Instrument :
BNA_G
ClientSampleId :

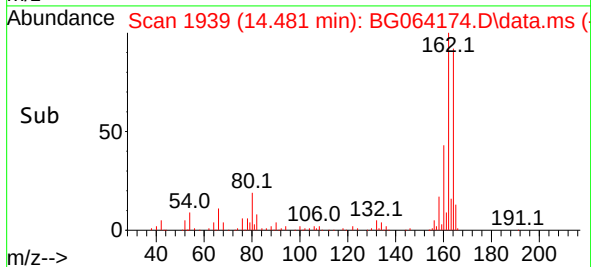
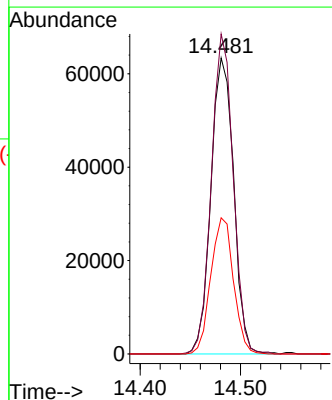
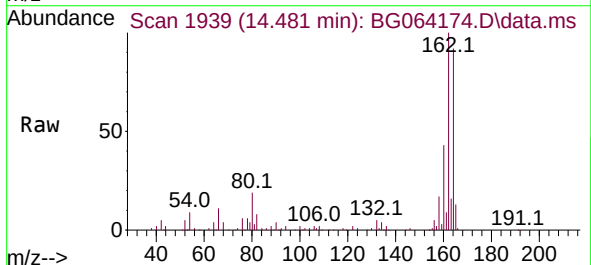


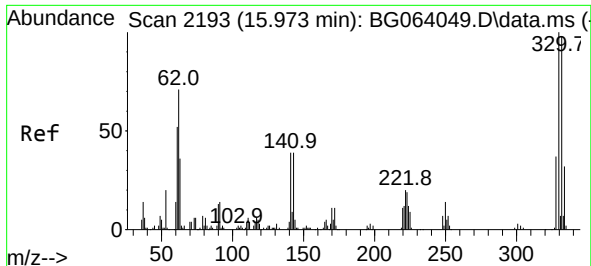
Tgt Ion:139 Resp: 107
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

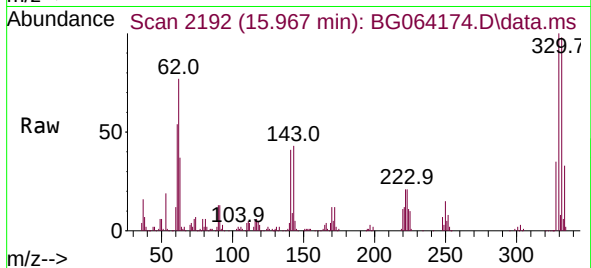
Tgt Ion:164 Resp: 99612
Ion Ratio Lower Upper
164 100
162 108.1 81.4 122.0
160 46.0 37.0 55.6



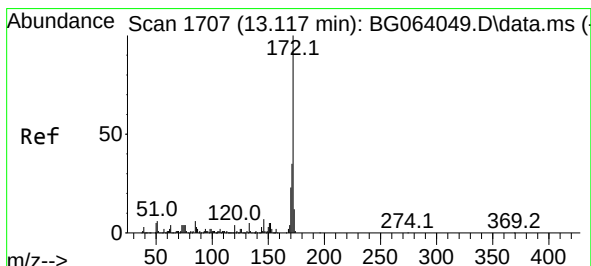
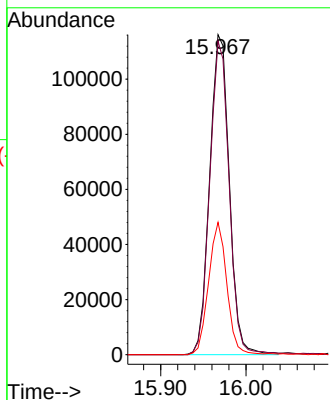
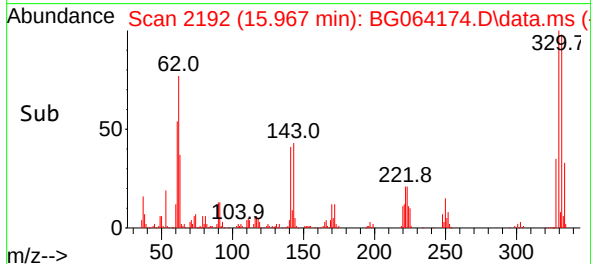


#42
2,4,6-Tribromophenol
Concen: 167.979 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

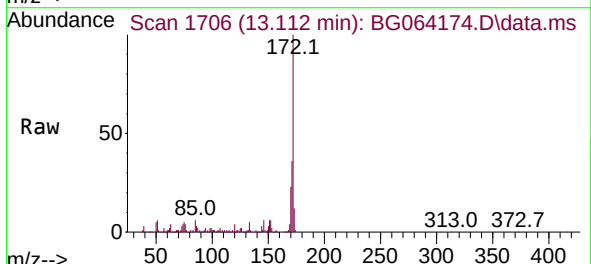
Instrument :
BNA_G
ClientSampleId :



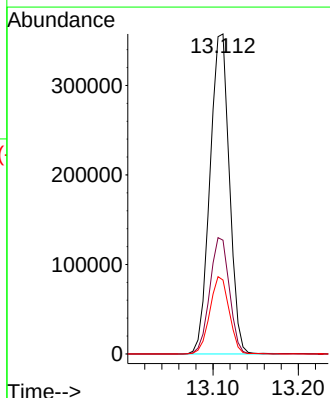
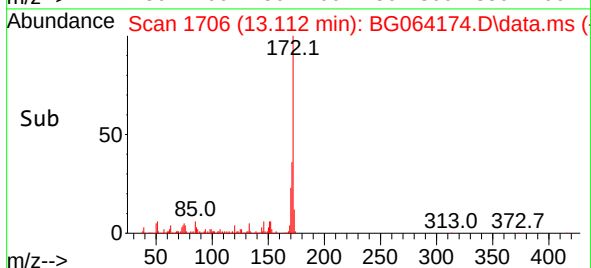
Tgt Ion:330 Resp: 185996
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 38.8 29.7 44.5

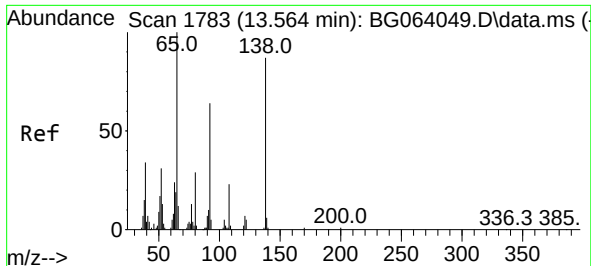


#45
2-Fluorobiphenyl
Concen: 86.218 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58



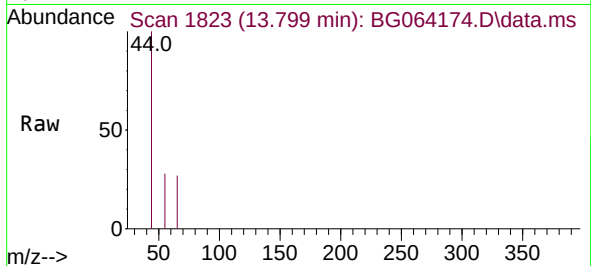
Tgt Ion:172 Resp: 565811
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.1 18.7 28.1



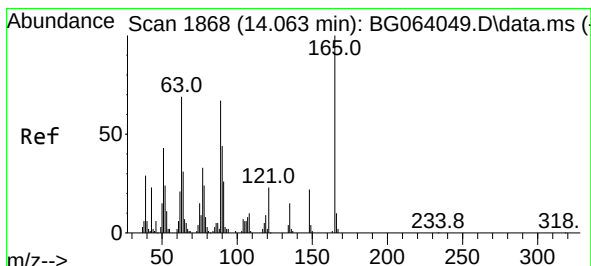
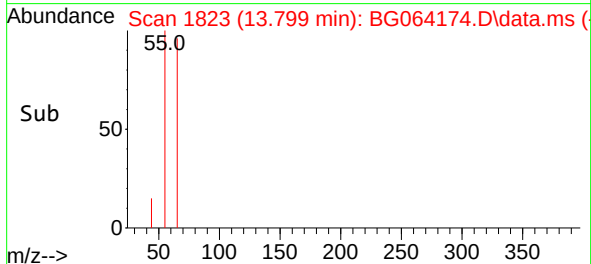
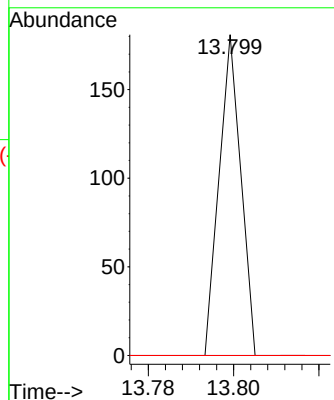


#48
2-Nitroaniline
Concen: 3.251 ng
RT: 13.799 min Scan# 11
Delta R.T. 0.235 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Instrument :
BNA_G
ClientSampleId :

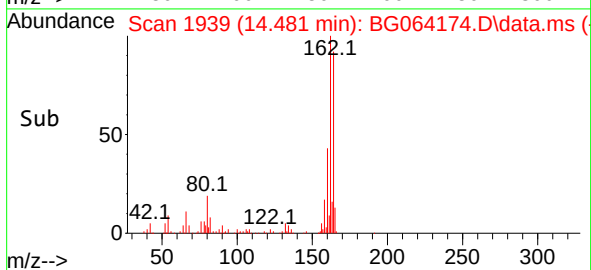
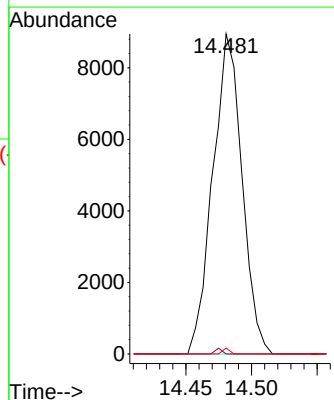
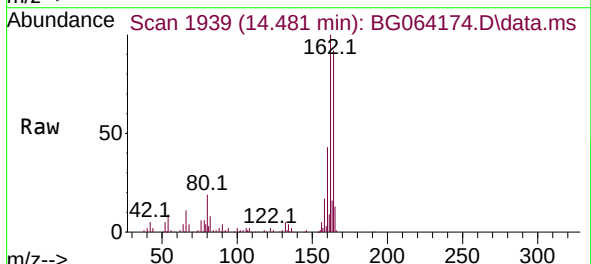


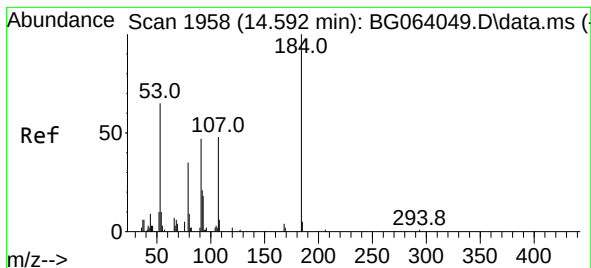
Tgt Ion: 65 Resp: 64
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 11.994 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

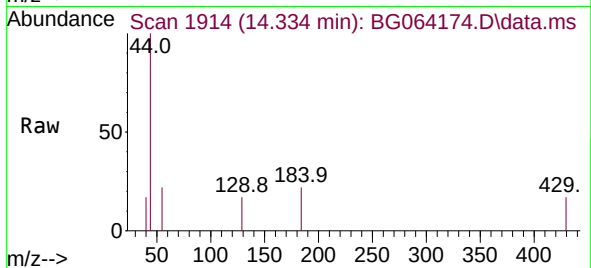
Tgt Ion: 165 Resp: 13853
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.8 53.7 80.5#



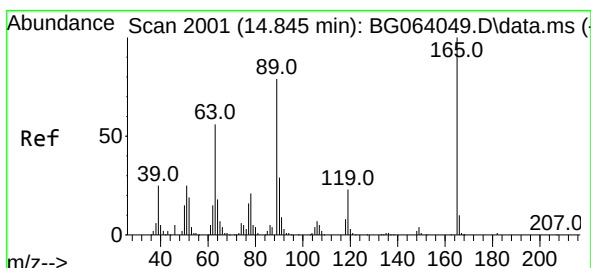
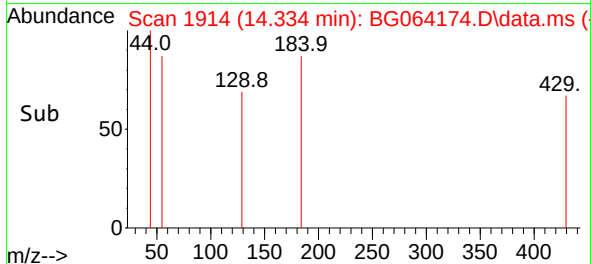
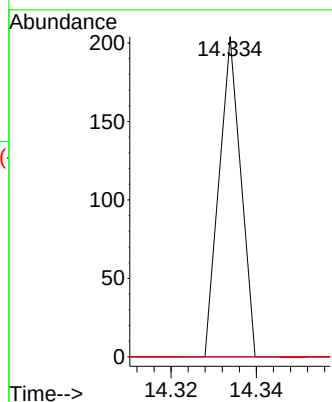


#54
2,4-Dinitrophenol
Concen: 7.986 ng
RT: 14.334 min Scan# 1958
Delta R.T. -0.258 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Instrument :
BNA_G
ClientSampleId :

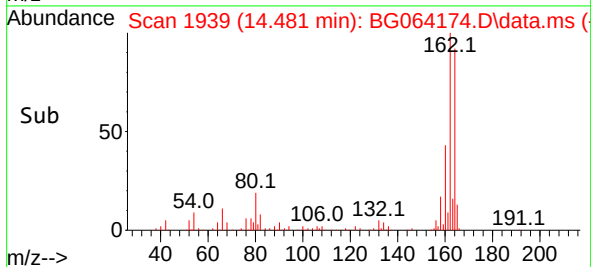
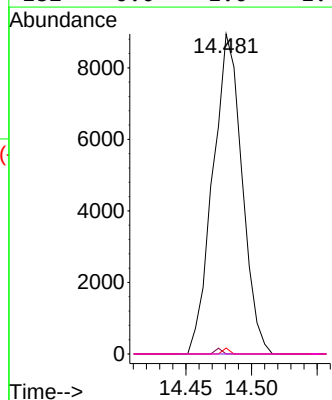
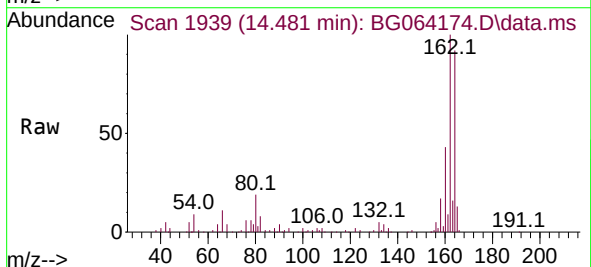


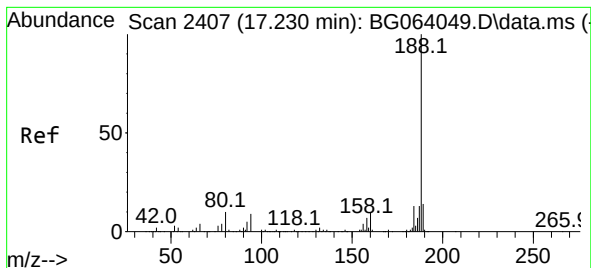
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.865 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:165 Resp: 13853
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.225 min Scan# 2408

Delta R.T. -0.005 min

Lab File: BG064174.D

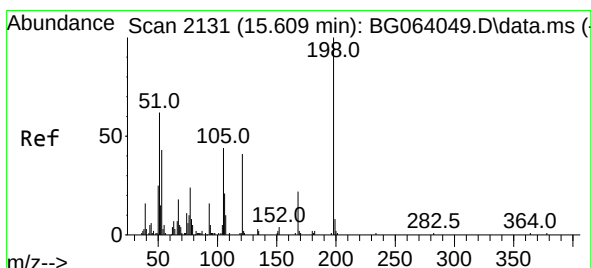
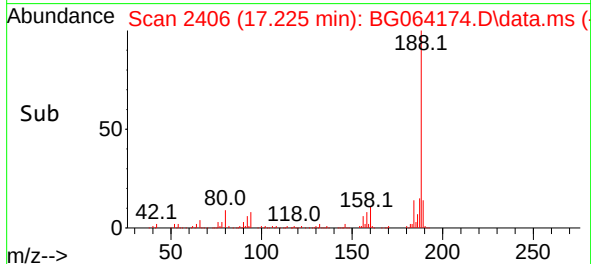
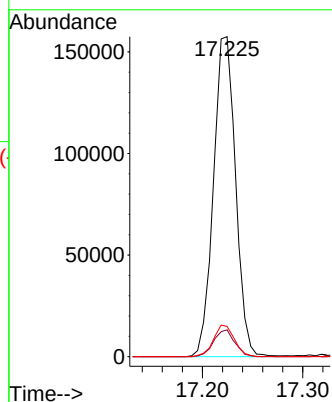
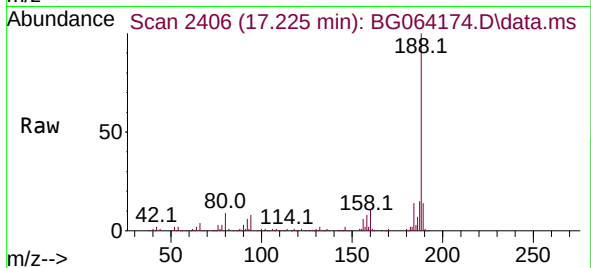
Acq: 3 Apr 2025 19:58

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:188	Resp:	240876
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.9 10.3
80	9.5	8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.756 ng

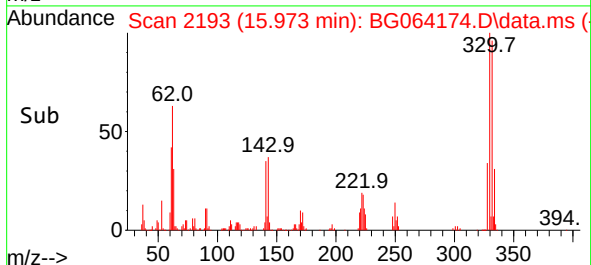
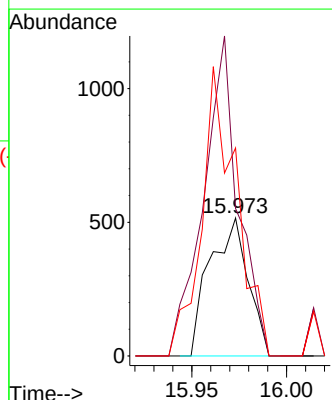
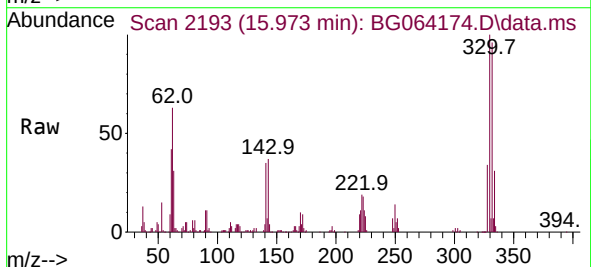
RT: 15.973 min Scan# 2193

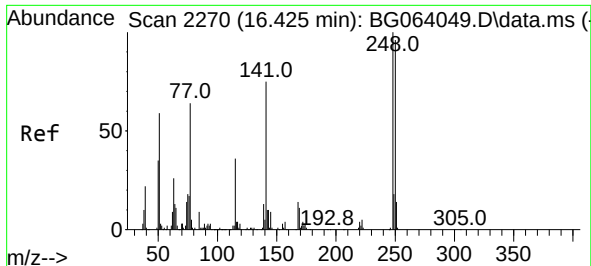
Delta R.T. 0.364 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

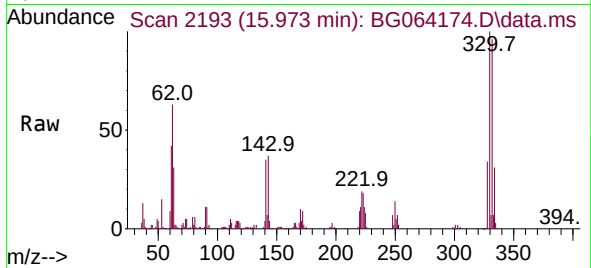
Tgt Ion:198	Resp:	724
Ion Ratio	Lower	Upper
198	100	
51	107.0	45.6 85.6#
105	150.8	25.3 65.3#



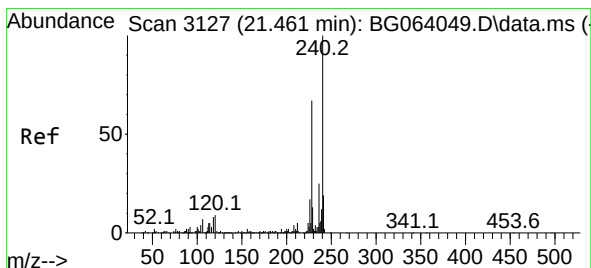
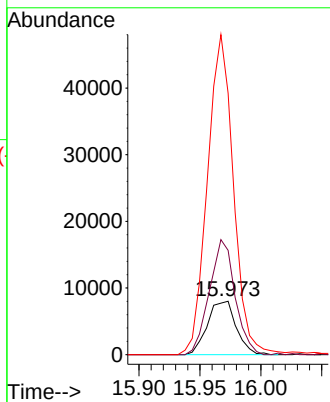
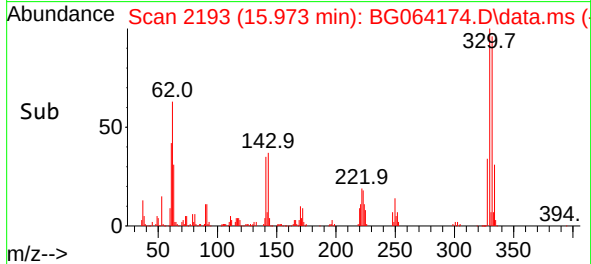


#67
4-Bromophenyl-phenylether
Concen: 5.351 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Instrument :
BNA_G
ClientSampleId :

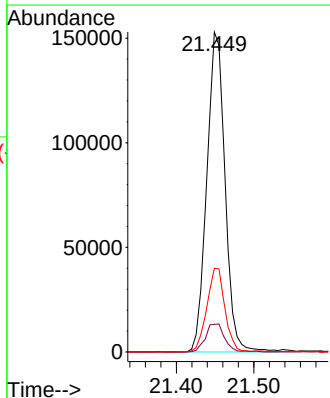
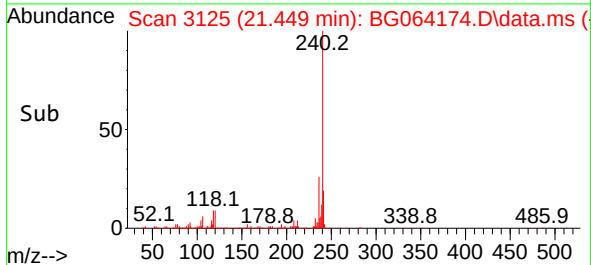
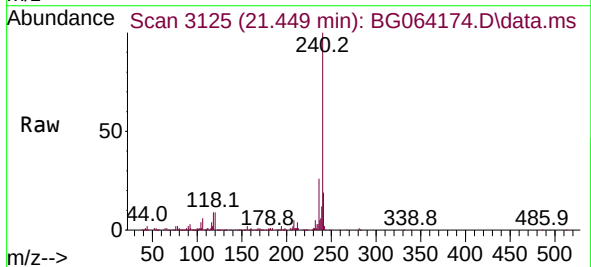


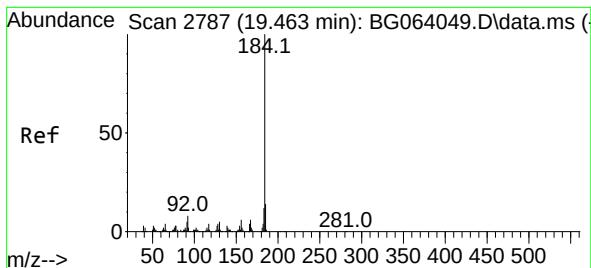
Tgt Ion:248 Resp: 13201
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 489.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:240 Resp: 250147
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 26.1 20.2 30.2





#77

Benzidine

Concen: 6.355 ng

RT: 19.845 min Scan# 2852

Delta R.T. 0.382 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Instrument :

BNA_G

ClientSampleId :

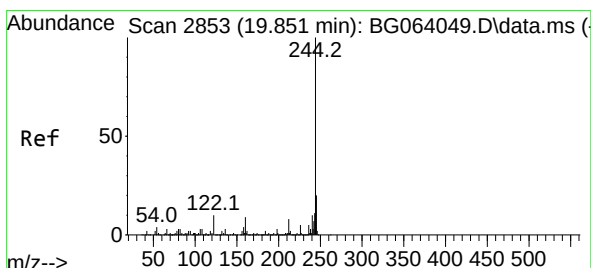
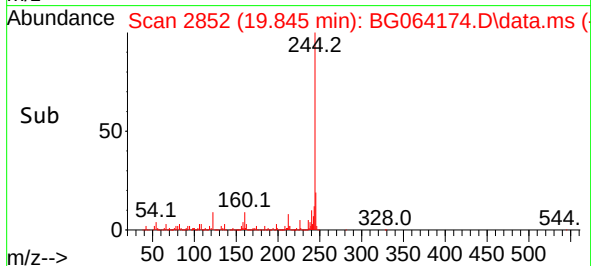
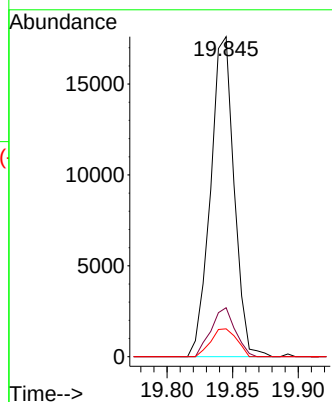
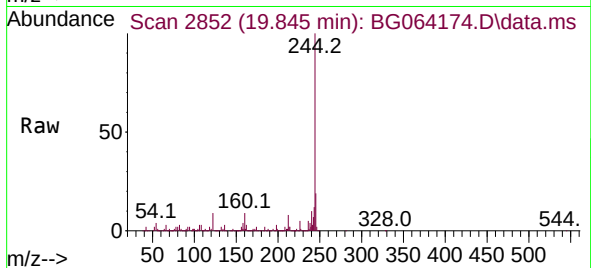
Tgt Ion:184 Resp: 22013

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

183 8.7 9.5 14.3#



#79

Terphenyl-d14

Concen: 94.229 ng

RT: 19.845 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

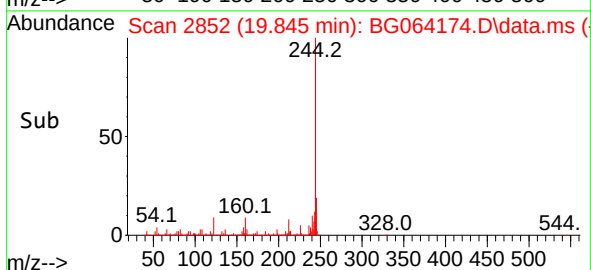
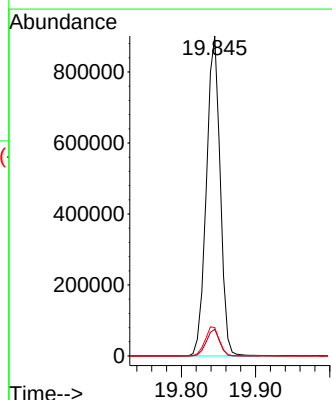
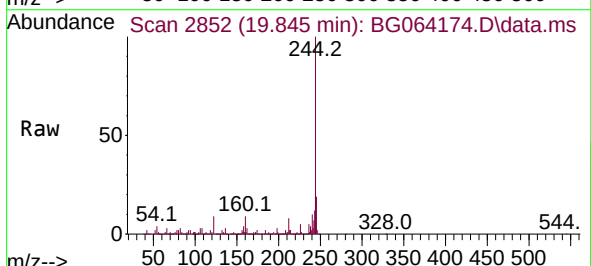
Tgt Ion:244 Resp: 1165740

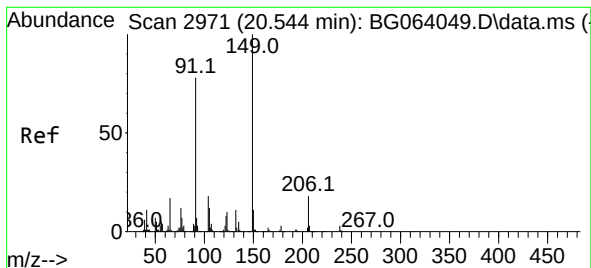
Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

122 8.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.651 ng

RT: 20.544 min Scan# 2971

Delta R.T. 0.000 min

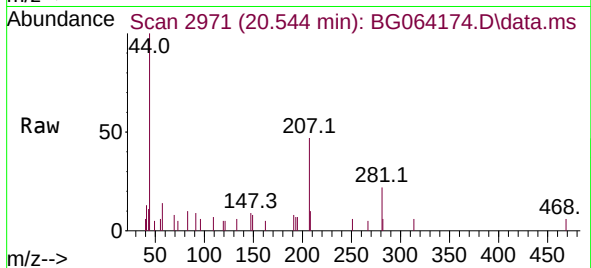
Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Instrument :

BNA_G

ClientSampleId :



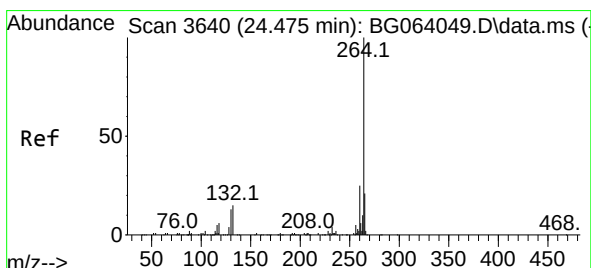
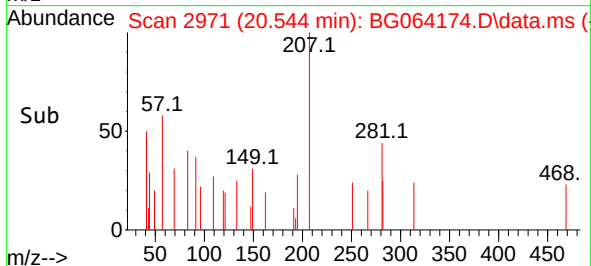
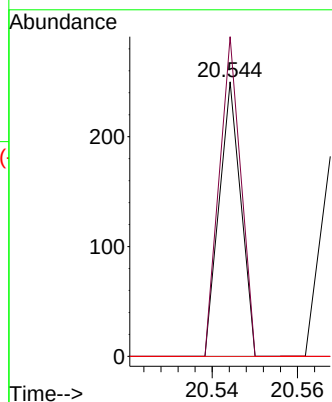
Tgt Ion:149 Resp: 88

Ion Ratio Lower Upper

149 100

91 116.4 62.0 93.0#

206 0.0 14.6 21.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.463 min Scan# 3638

Delta R.T. -0.012 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Tgt Ion:264 Resp: 267703

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.4 16.6 25.0

