

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064137.D
 Acq On : 1 Apr 2025 16:24
 Operator : RC/JU
 Sample : Q1664-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-02

Quant Time: Apr 01 17:00:59 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)

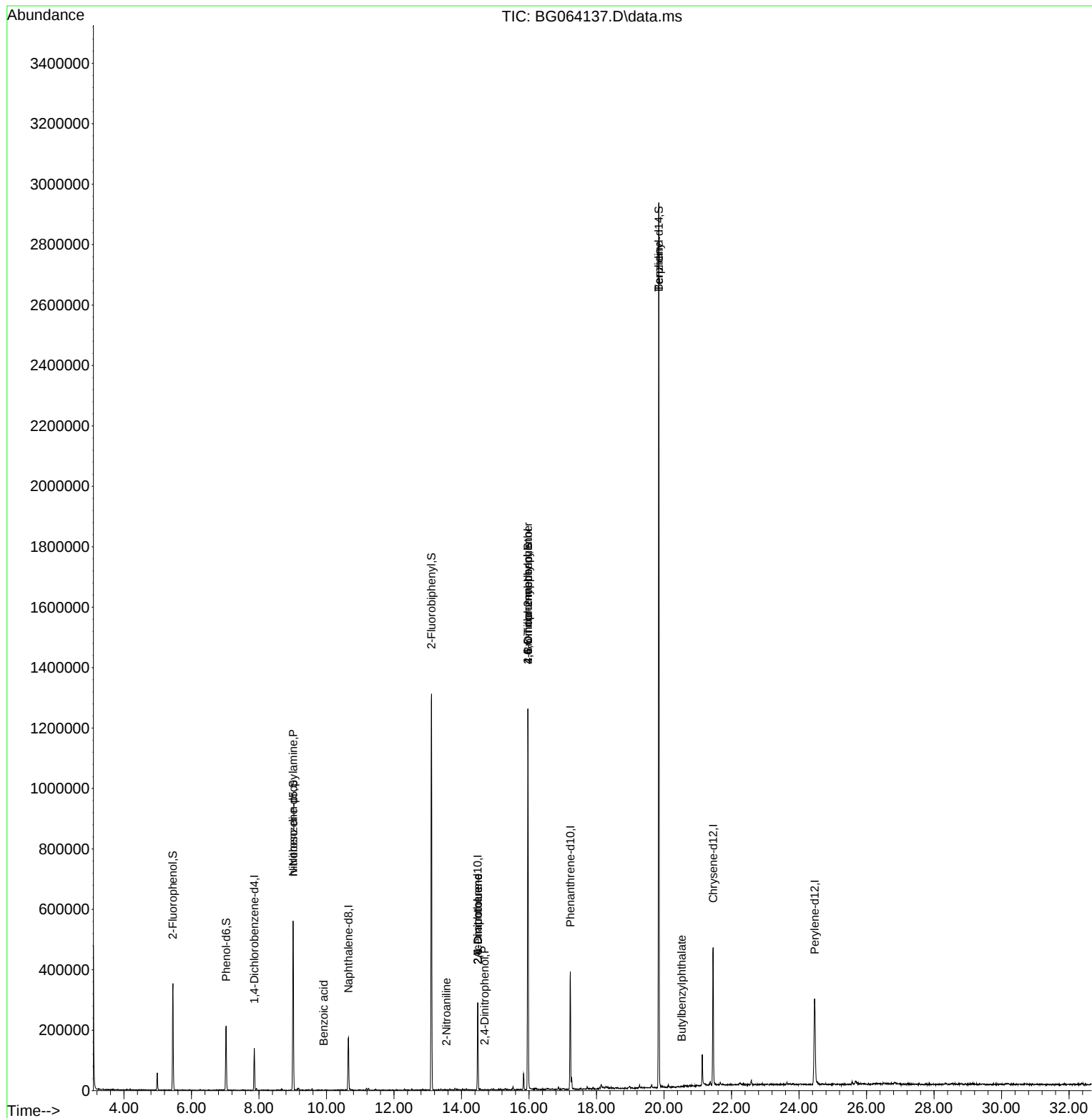
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	33101	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	138071	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	94366	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	226571	20.000	ng	0.00
76) Chrysene-d12	21.454	240	263789	20.000	ng	0.00
86) Perylene-d12	24.463	264	282032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	130931	61.763	ng	0.00
7) Phenol-d6	7.024	99	99886	34.636	ng	0.00
23) Nitrobenzene-d5	9.010	82	291075	116.501	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	208468	198.741	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	648499	104.311	ng	0.00
79) Terphenyl-d14	19.844	244	1294502	99.226	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	40664	20.092	ng	# 74
32) Benzoic acid	9.921	122	61	8.726	ng	# 1
48) 2-Nitroaniline	13.558	65	64	3.253	ng	# 11
51) 2,6-Dinitrotoluene	14.486	165	13231	12.065	ng	# 15
54) 2,4-Dinitrophenol	14.686	184	56	7.967	ng	# 15
57) 2,4-Dinitrotoluene	14.486	165	13231	9.916	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.967	198	883	8.927	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	14205	6.122	ng	# 1
77) Benzidine	19.844	184	24348	6.666	ng	# 93
80) Butylbenzylphthalate	20.526	149	223	3.670	ng	# 73

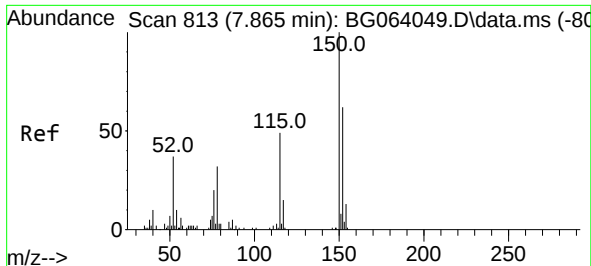
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
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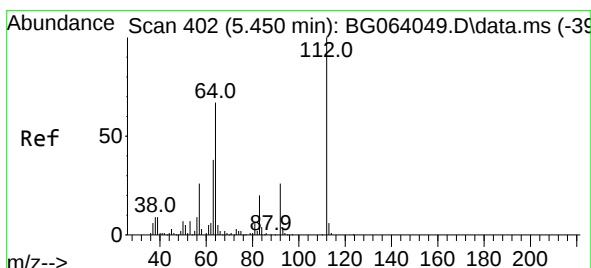
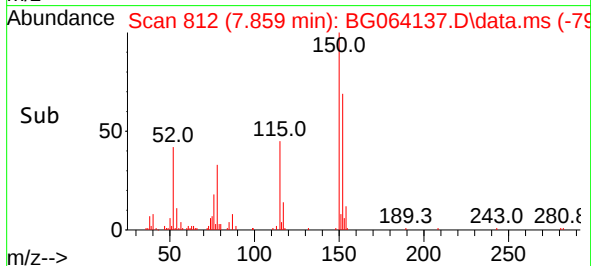
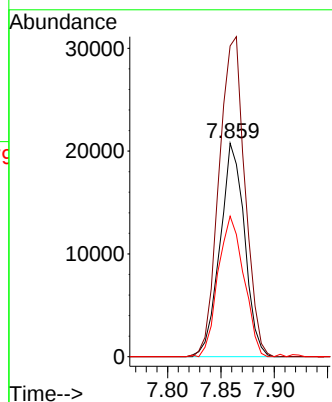
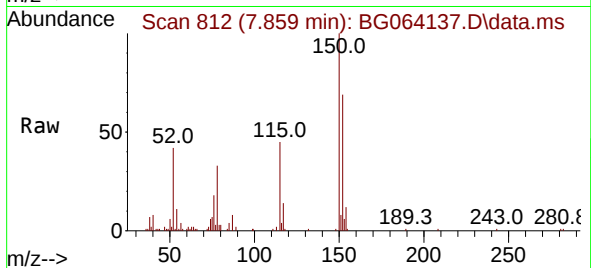




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

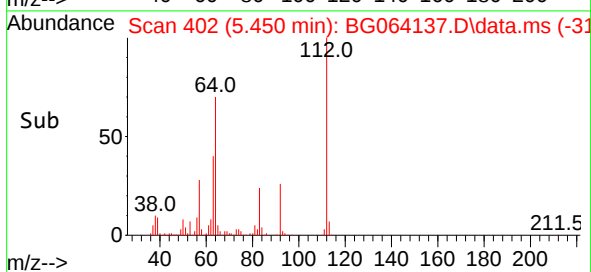
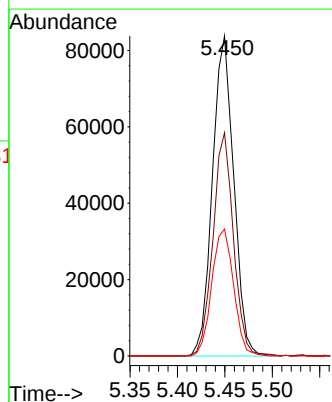
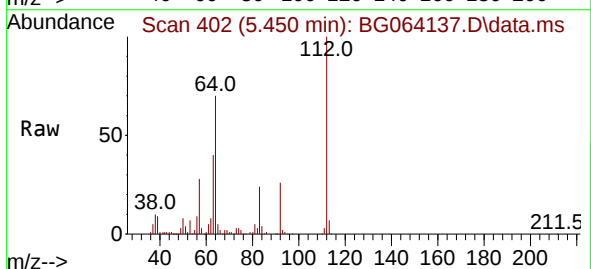
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

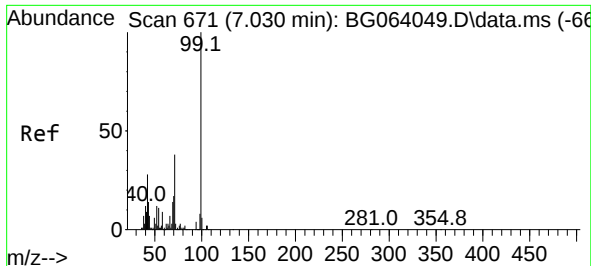
Tgt Ion:152 Resp: 33101
Ion Ratio Lower Upper
152 100
150 145.6 129.2 193.8
115 65.8 63.0 94.6



#5
2-Fluorophenol
Concen: 61.763 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:112 Resp: 130931
Ion Ratio Lower Upper
112 100
64 69.7 53.7 80.5
63 39.6 30.2 45.4

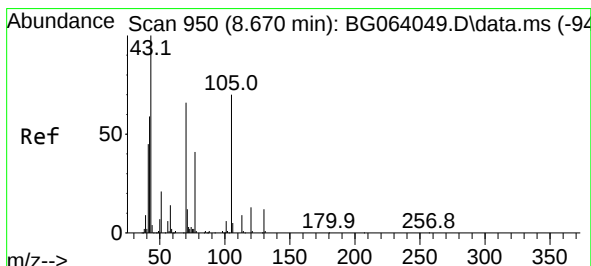
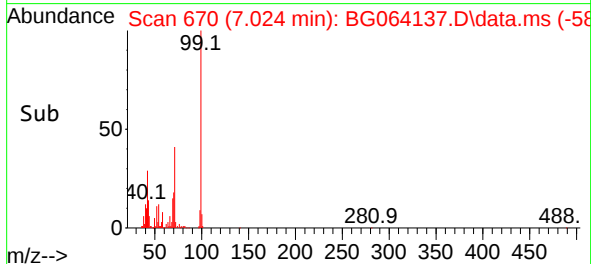
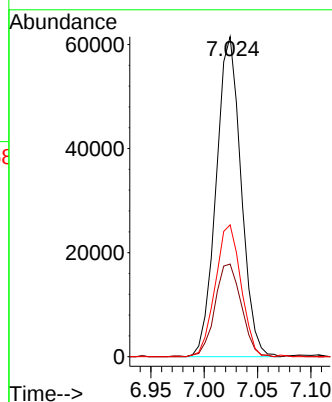
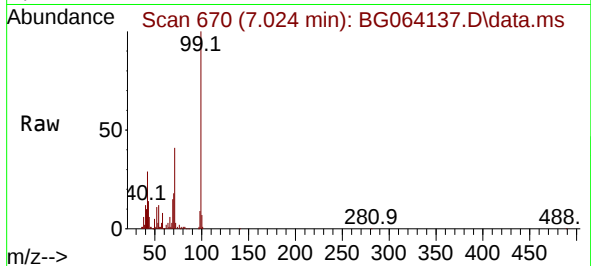




#7
Phenol-d6
Concen: 34.636 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

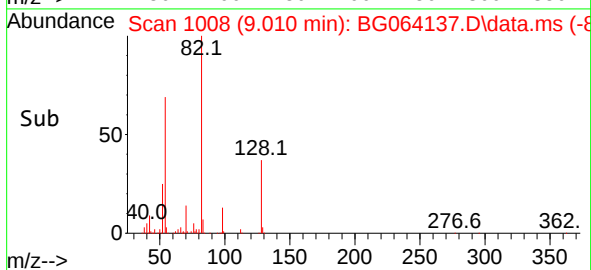
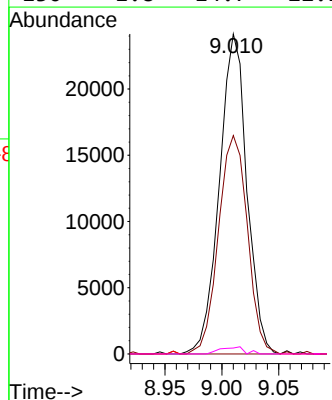
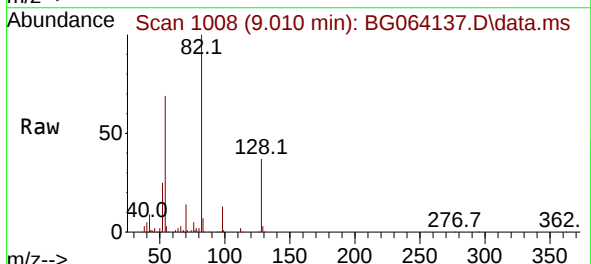
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

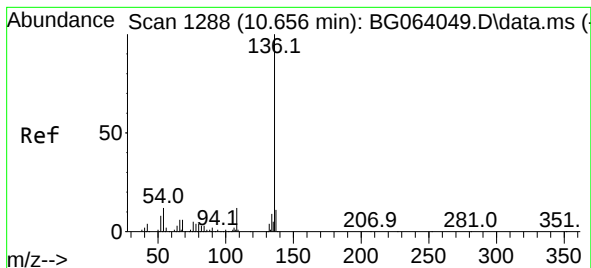
Tgt Ion: 99 Resp: 99886
Ion Ratio Lower Upper
99 100
42 29.0 22.7 34.1
71 41.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.092 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.340 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion: 70 Resp: 40664
Ion Ratio Lower Upper
70 100
42 68.2 72.1 108.1#
101 0.0 7.2 10.8#
130 1.8 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG064137.D

Acq: 1 Apr 2025 16:24

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-02

Tgt Ion:136 Resp: 138071

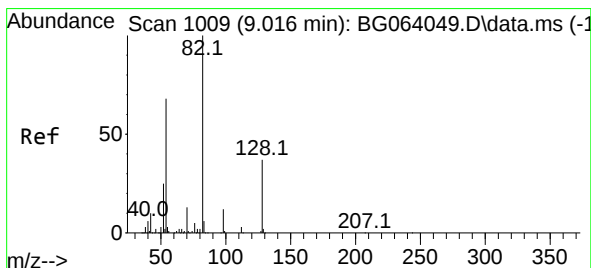
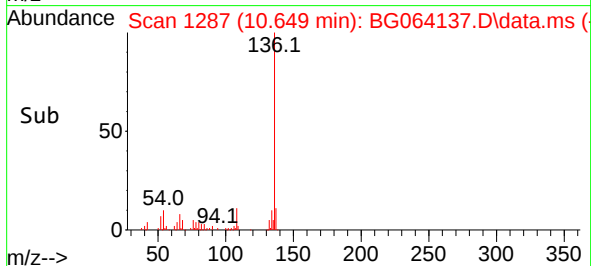
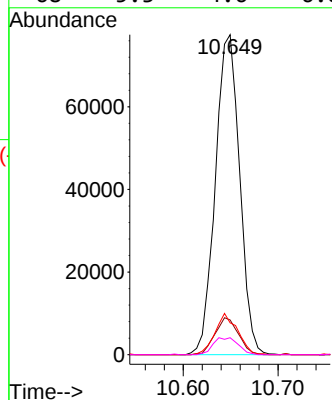
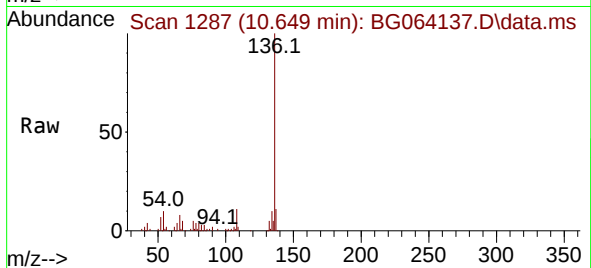
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 9.9 14.9

68 5.3 4.6 6.8



#23

Nitrobenzene-d5

Concen: 116.501 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064137.D

Acq: 1 Apr 2025 16:24

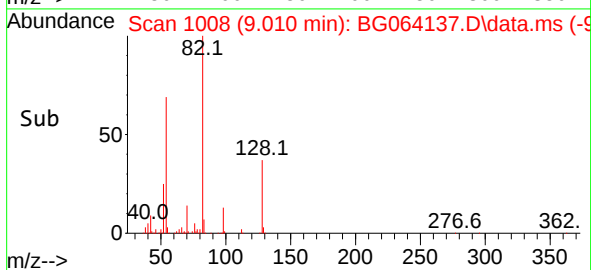
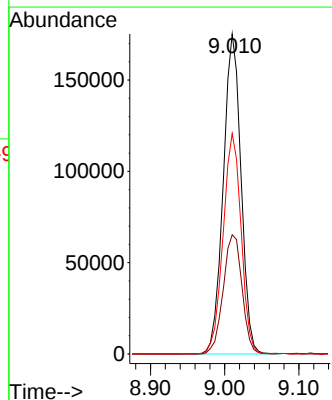
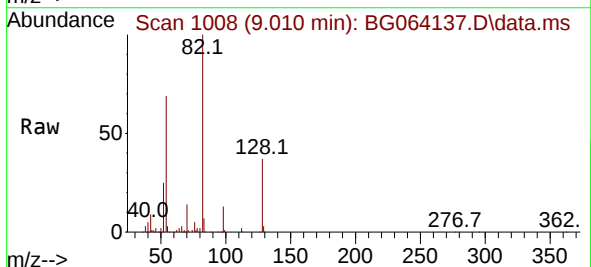
Tgt Ion: 82 Resp: 291075

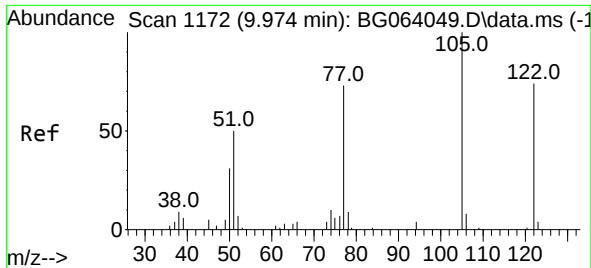
Ion Ratio Lower Upper

82 100

128 37.3 30.0 45.0

54 68.9 54.7 82.1

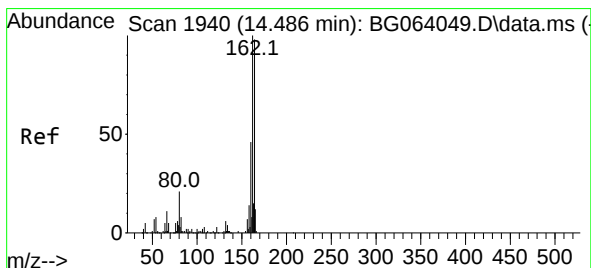
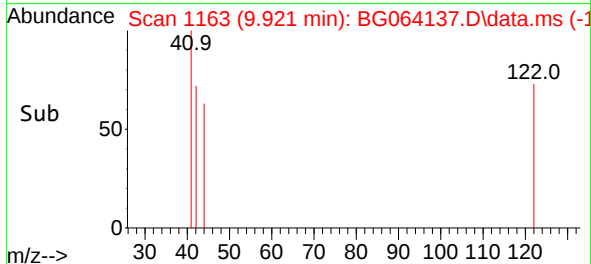
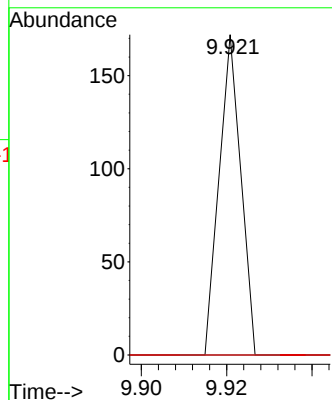
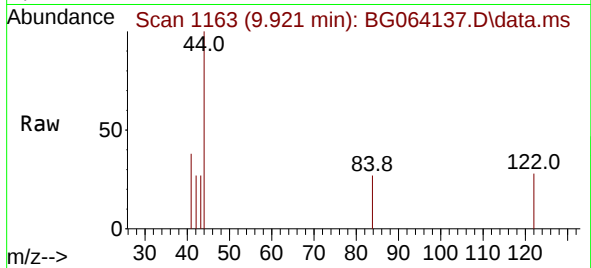




#32
Benzoic acid
Concen: 8.726 ng
RT: 9.921 min Scan# 1172
Delta R.T. -0.053 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

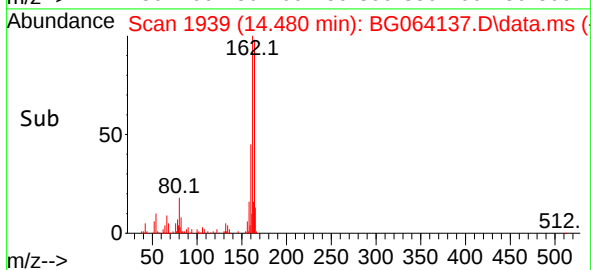
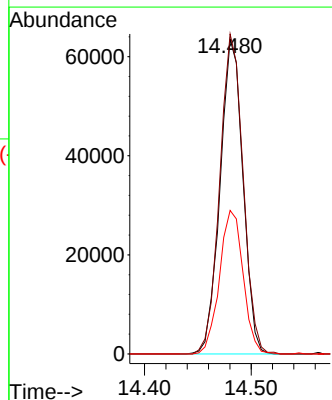
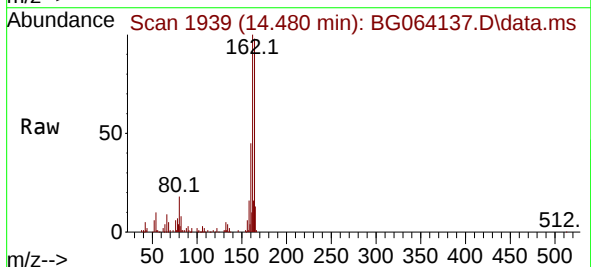
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

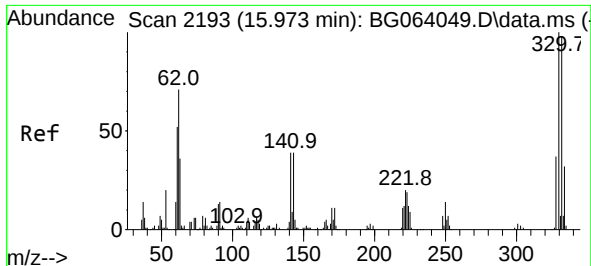
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

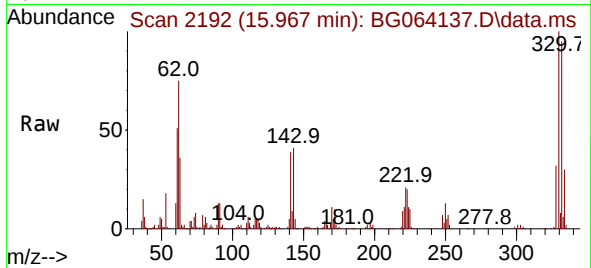
Tgt Ion:164 Resp: 94366
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.6 37.0 55.6



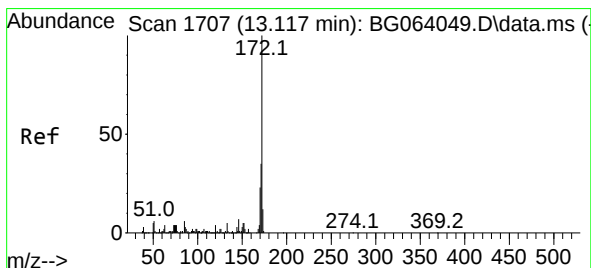
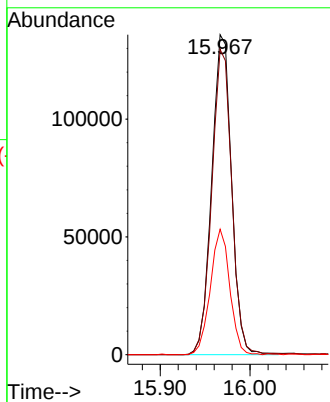
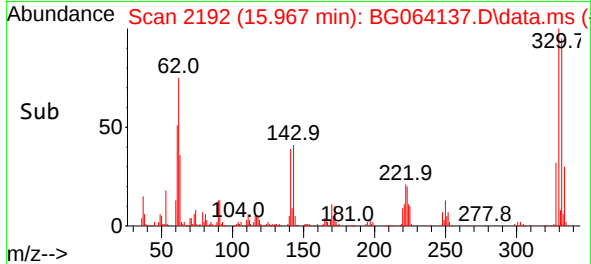


#42
2,4,6-Tribromophenol
Concen: 198.741 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

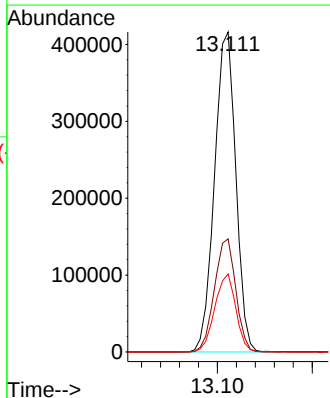
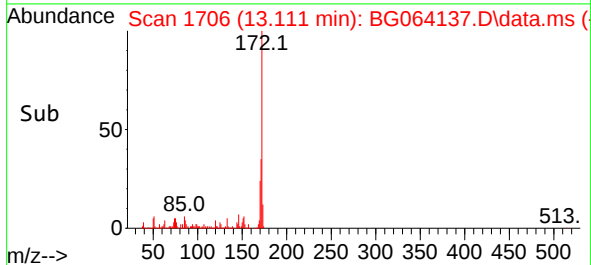
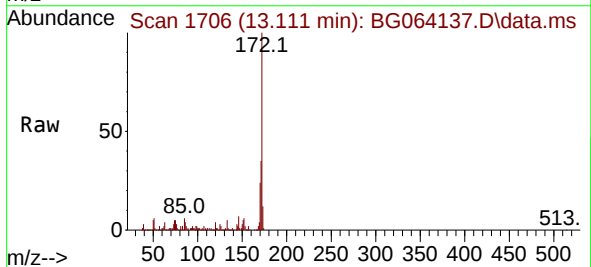


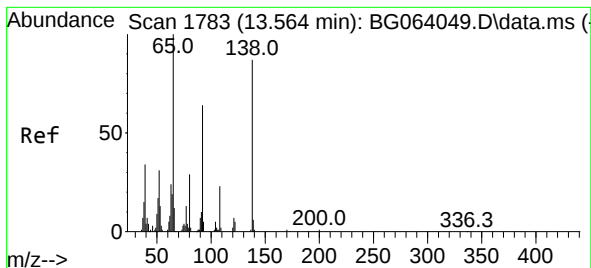
Tgt Ion:330 Resp: 208468
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 38.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 104.311 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:172 Resp: 648499
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.4 18.7 28.1

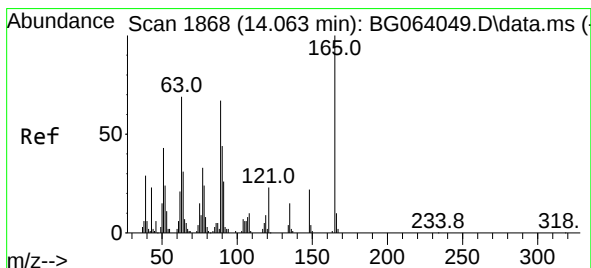
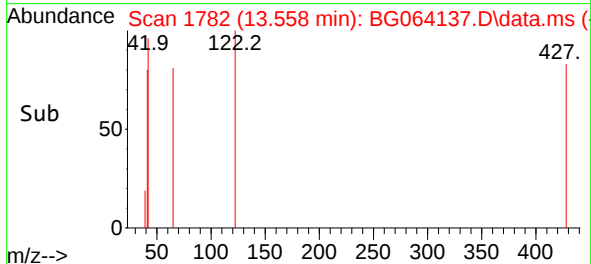
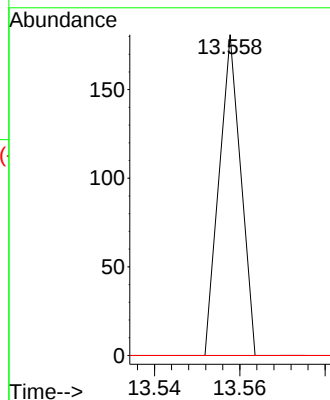
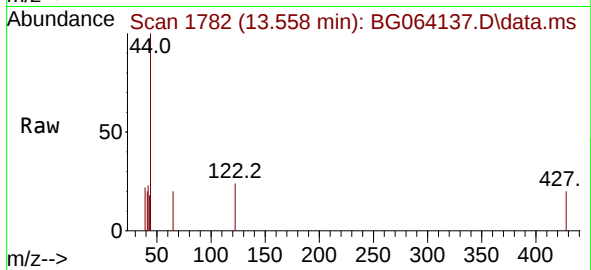




#48
2-Nitroaniline
Concen: 3.253 ng
RT: 13.558 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

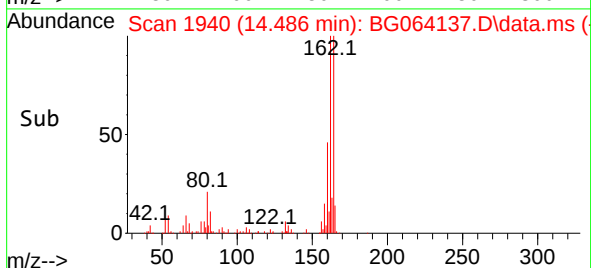
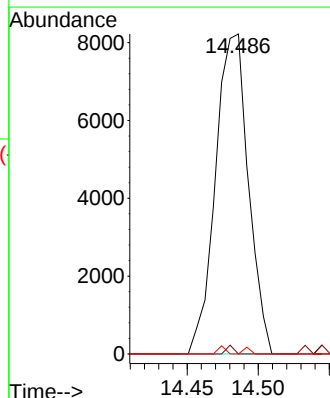
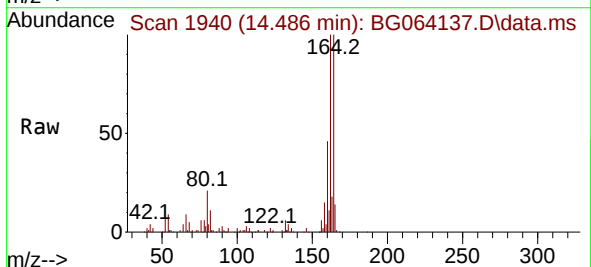
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P001-BBDGA-001-02

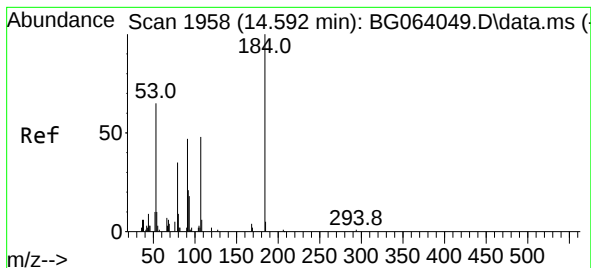
Tgt Ion: 65 Resp: 64
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.065 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:165 Resp: 13231
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: 7.967 ng

RT: 14.686 min Scan# 1958

Delta R.T. 0.094 min

Lab File: BG064137.D

Acq: 1 Apr 2025 16:24

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-02

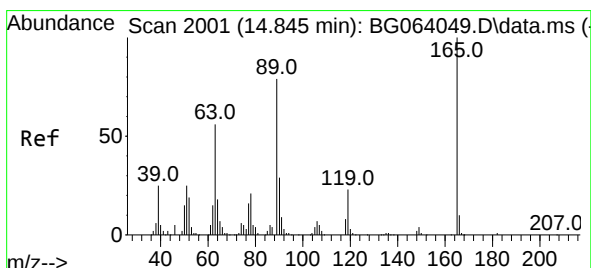
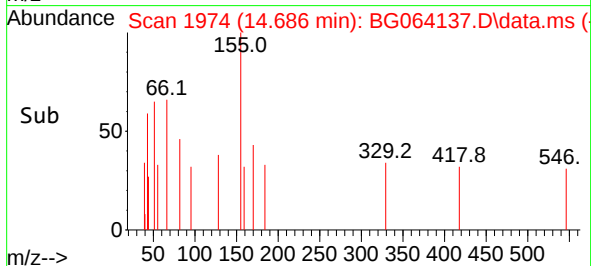
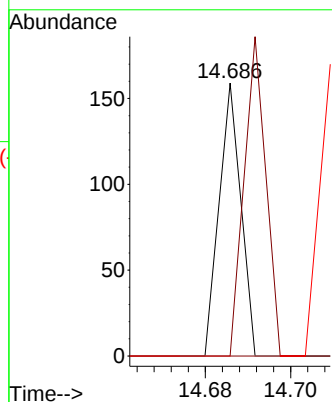
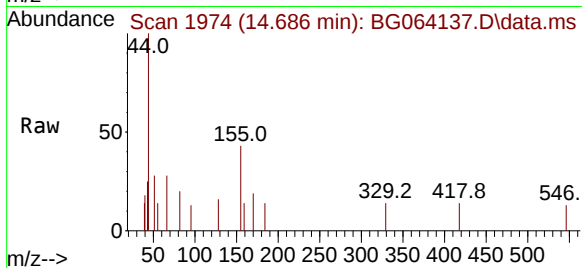
Tgt Ion:184 Resp: 56

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: 9.916 ng

RT: 14.486 min Scan# 1940

Delta R.T. -0.359 min

Lab File: BG064137.D

Acq: 1 Apr 2025 16:24

Tgt Ion:165 Resp: 13231

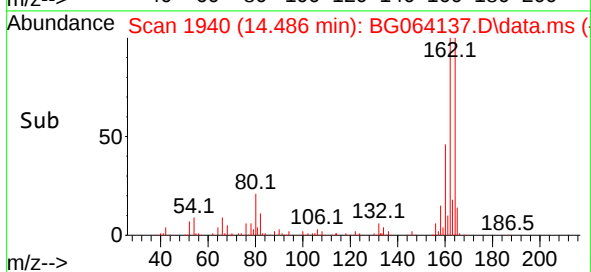
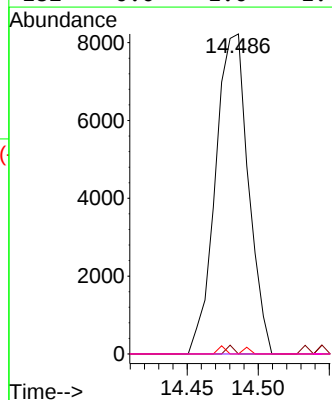
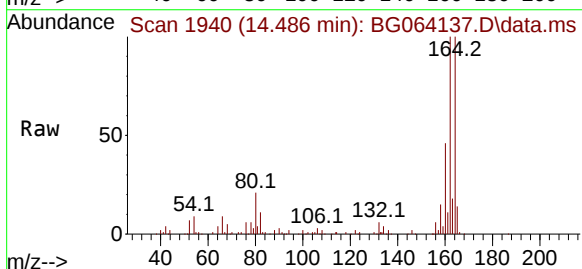
Ion Ratio Lower Upper

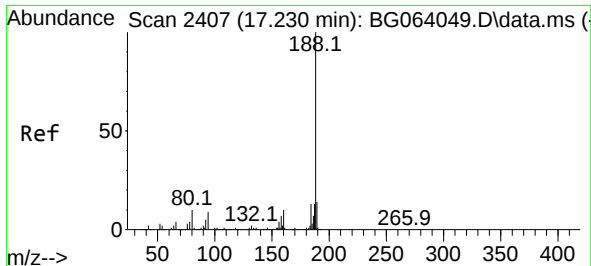
165 100

63 0.0 45.0 67.6#

89 0.0 63.1 94.7#

182 0.0 1.0 1.4#

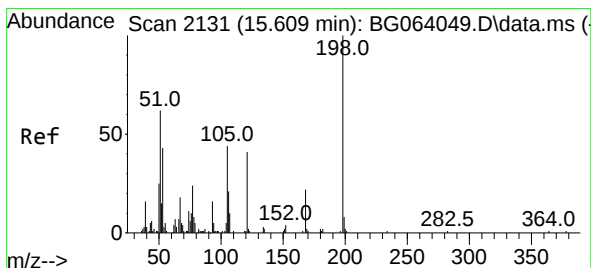
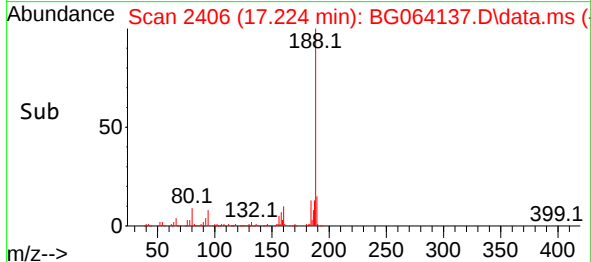
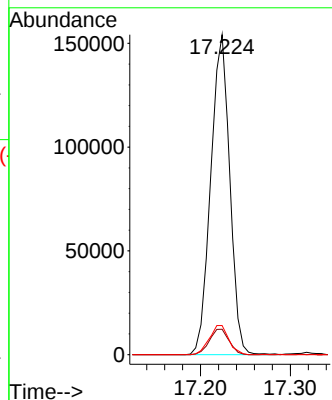
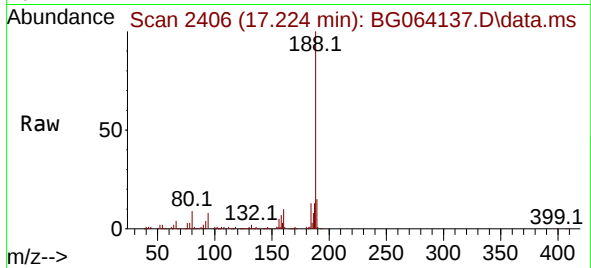




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

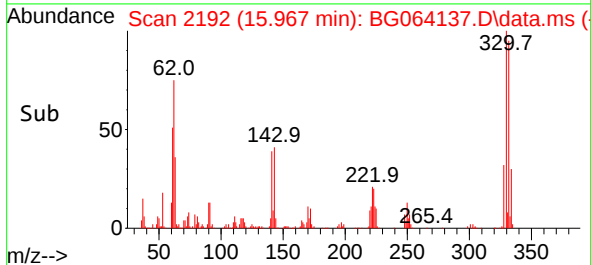
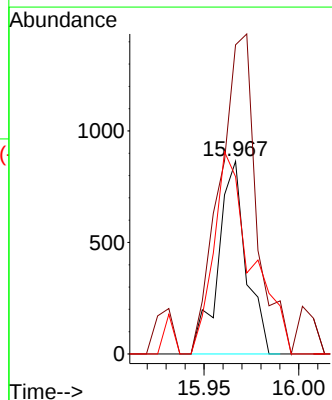
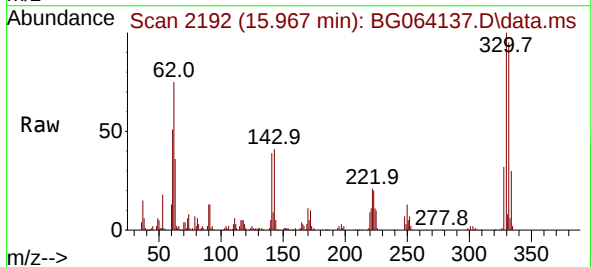
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

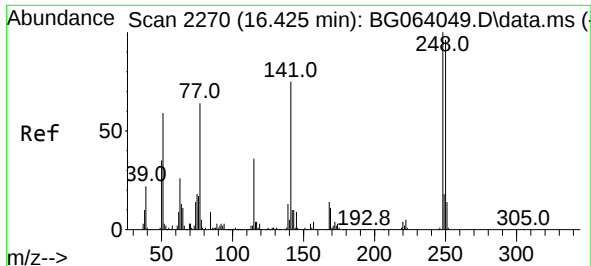
Tgt Ion:188 Resp: 226571
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 8.927 ng
RT: 15.967 min Scan# 2192
Delta R.T. 0.358 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:198 Resp: 883
Ion Ratio Lower Upper
198 100
51 160.4 45.6 85.6#
105 92.0 25.3 65.3#

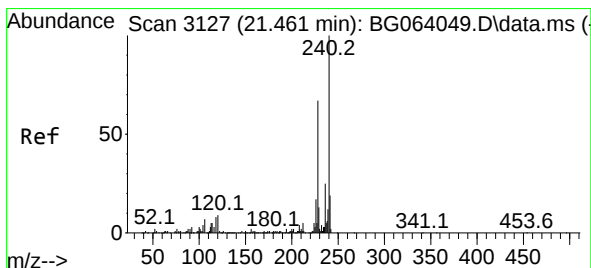
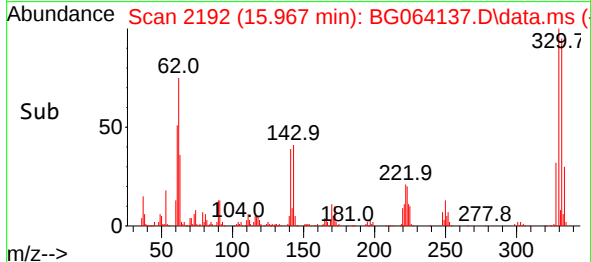
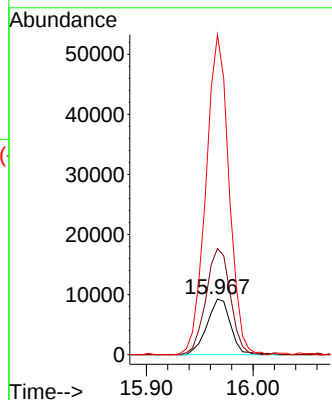
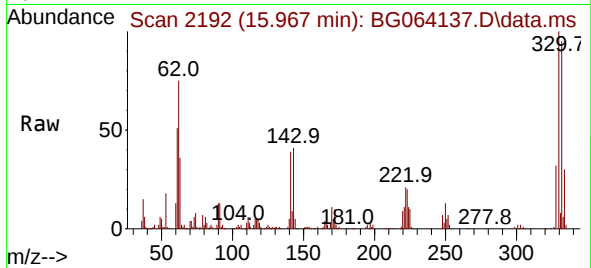




#67
4-Bromophenyl-phenylether
Concen: 6.122 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

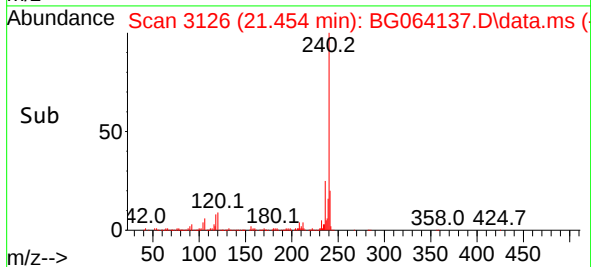
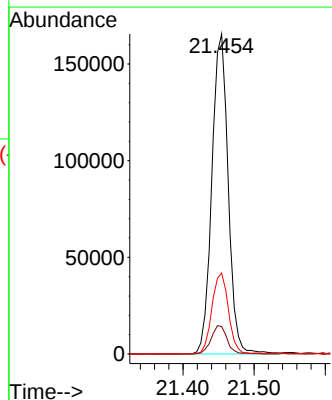
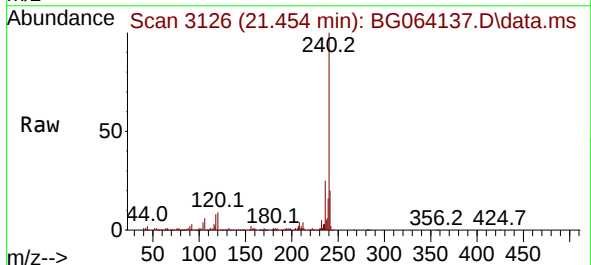
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

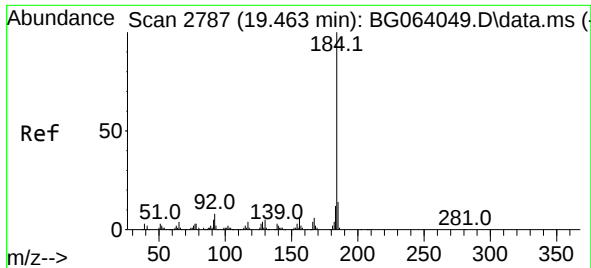
Tgt Ion:248 Resp: 14205
Ion Ratio Lower Upper
248 100
250 190.5 77.1 115.7#
141 574.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:240 Resp: 263789
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 25.3 20.2 30.2

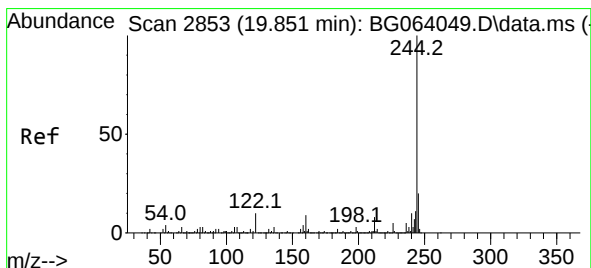
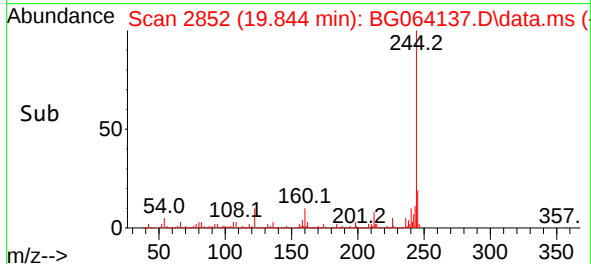
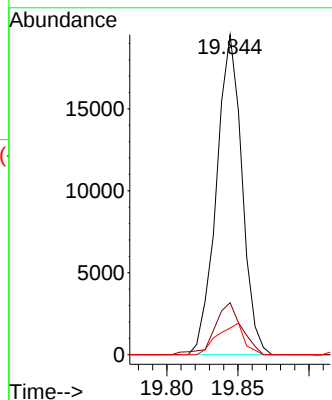
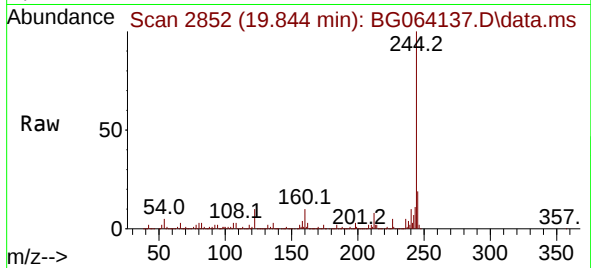




#77
Benzidine
Concen: 6.666 ng
RT: 19.844 min Scan# 2852
Delta R.T. 0.381 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

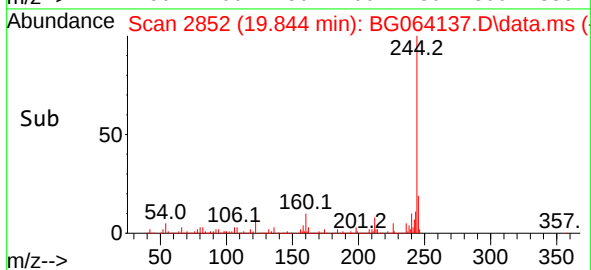
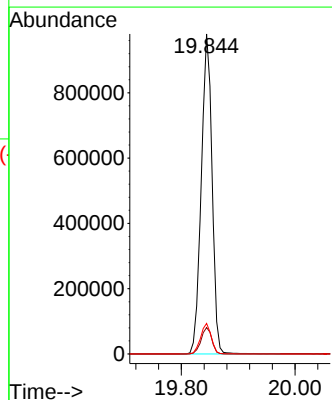
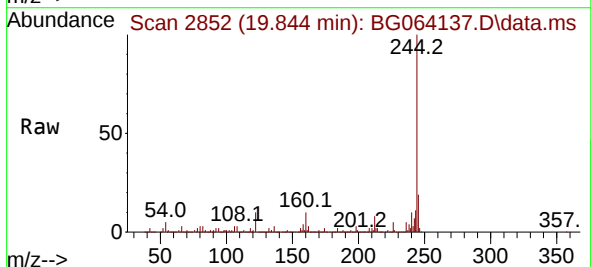
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

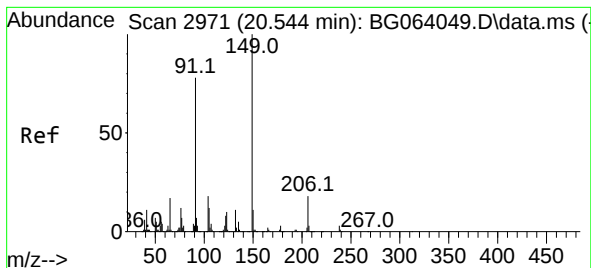
Tgt Ion:184 Resp: 24348
Ion Ratio Lower Upper
184 100
185 16.2 11.3 16.9
183 8.3 9.5 14.3#



#79
Terphenyl-d14
Concen: 99.226 ng
RT: 19.844 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:244 Resp: 1294502
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.4
122 9.5 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.670 ng

RT: 20.526 min Scan# 29

Delta R.T. -0.018 min

Lab File: BG064137.D

Acq: 1 Apr 2025 16:24

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-02

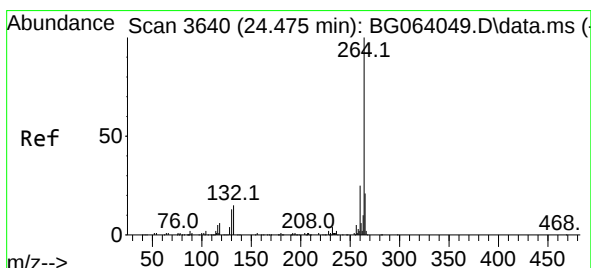
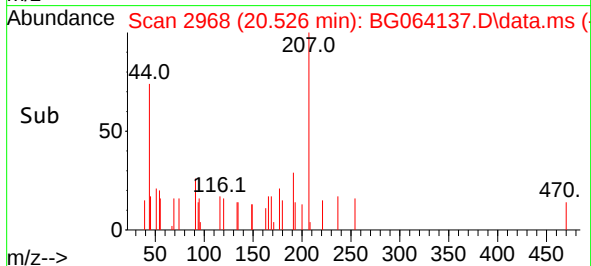
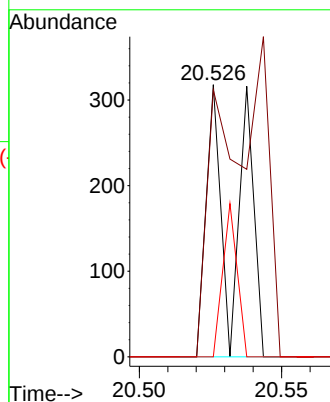
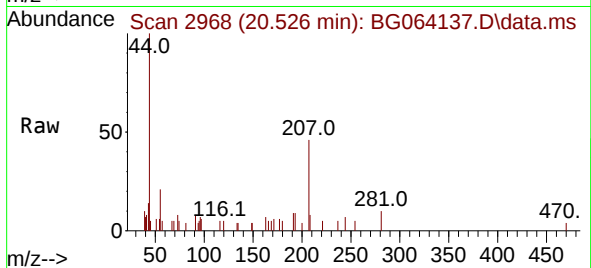
Tgt Ion:149 Resp: 223

Ion Ratio Lower Upper

149 100

91 98.1 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: BG064137.D

Acq: 1 Apr 2025 16:24

Tgt Ion:264 Resp: 282032

Ion Ratio Lower Upper

264 100

260 22.5 19.6 29.4

265 21.4 16.6 25.0

