

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064167.D
 Acq On : 3 Apr 2025 15:13
 Operator : RC/JU
 Sample : PB167376BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 19:35:06 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)

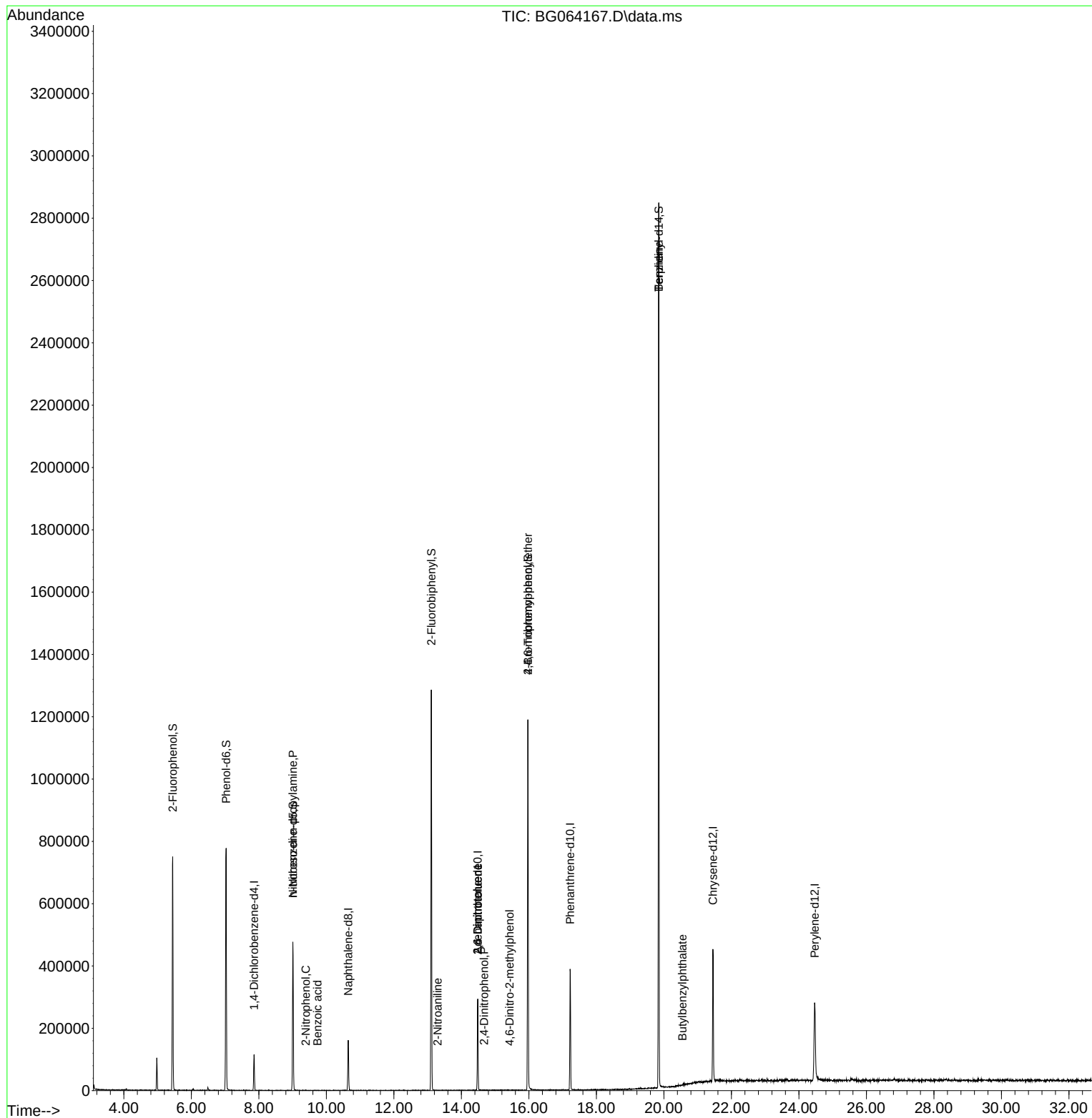
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	26970	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	121929	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	95631	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	233012	20.000	ng	0.00
76) Chrysene-d12	21.452	240	243299	20.000	ng	0.00
86) Perylene-d12	24.466	264	257357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	270898	156.838	ng	0.00
7) Phenol-d6	7.027	99	363994	154.909	ng	0.00
23) Nitrobenzene-d5	9.007	82	244953	111.020	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	202140	190.159	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	608003	96.504	ng	0.00
79) Terphenyl-d14	19.848	244	1269208	105.481	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.007	70	33657	20.410	ng	# 81
26) 2-Nitrophenol	9.389	139	54	3.358	ng	# 26
32) Benzoic acid	9.736	122	76	8.741	ng	# 1
48) 2-Nitroaniline	13.296	65	63	3.252	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	13373	12.042	ng	# 20
54) 2,4-Dinitrophenol	14.671	184	58	7.969	ng	# 15
57) 2,4-Dinitrotoluene	14.483	165	13373	9.899	ng	# 21
65) 4,6-Dinitro-2-methylph...	15.429	198	65	8.232	ng	# 23
67) 4-Bromophenyl-phenylether	15.970	248	13865	5.810	ng	# 1
77) Benzidine	19.848	184	26104	7.748	ng	99
80) Butylbenzylphthalate	20.547	149	55	3.646	ng	# 20

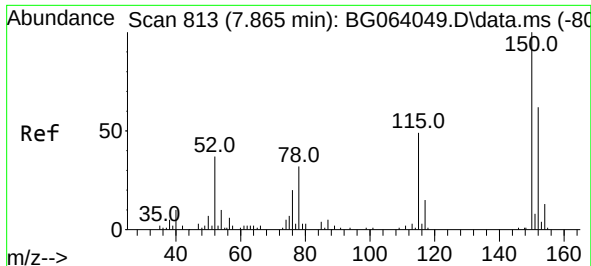
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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BNA_G
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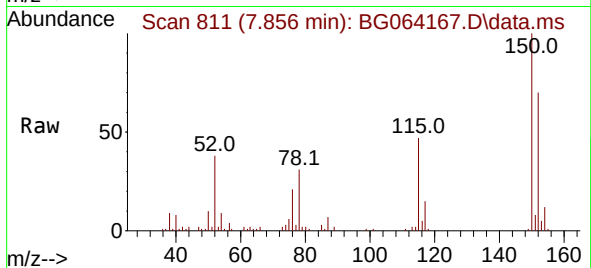
Quant Time: Apr 03 19:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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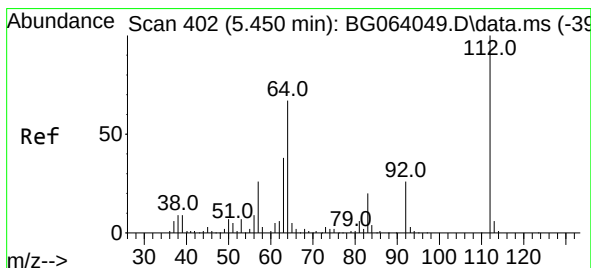
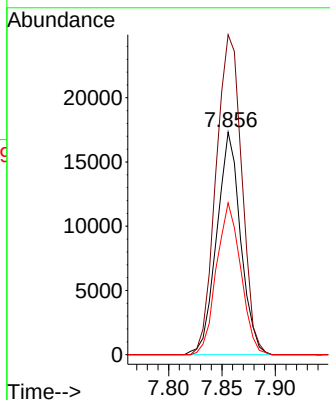
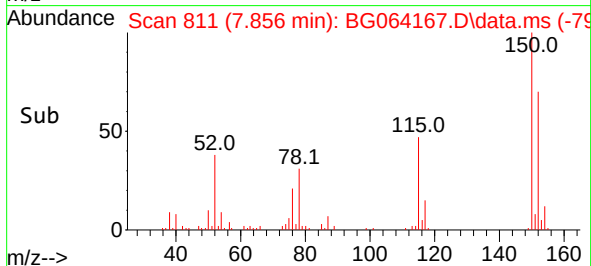


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 813
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

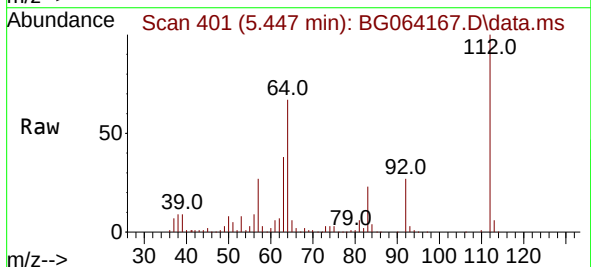
Instrument :
BNA_G
ClientSampleId :



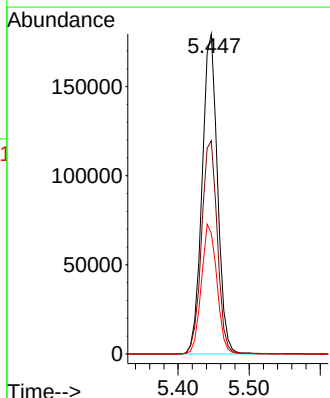
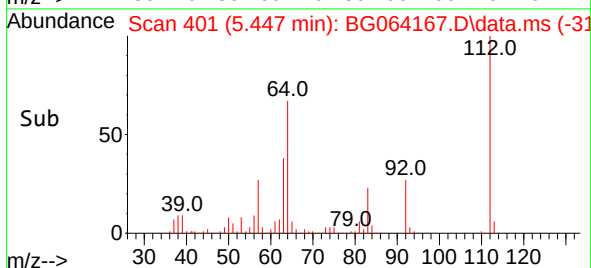
Tgt Ion:152 Resp: 26970
Ion Ratio Lower Upper
152 100
150 143.8 129.2 193.8
115 68.2 63.0 94.6

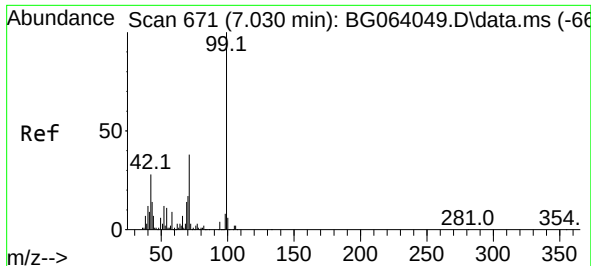


#5
2-Fluorophenol
Concen: 156.838 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13



Tgt Ion:112 Resp: 270898
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 37.7 30.2 45.4

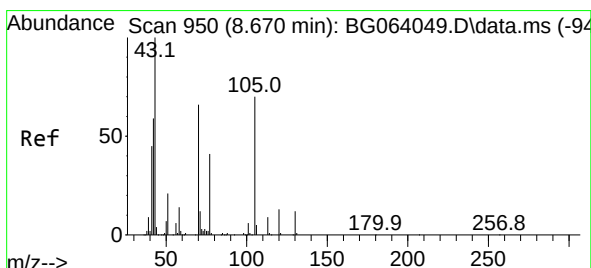
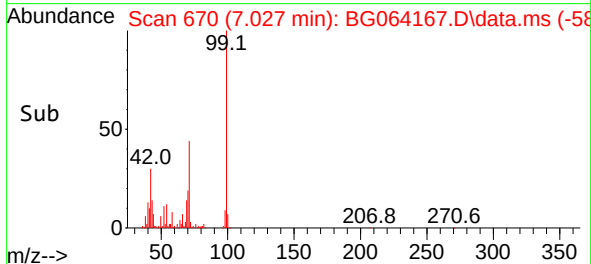
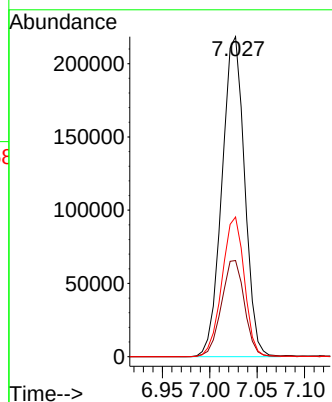
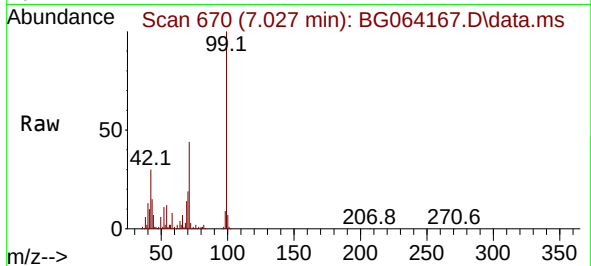




#7
Phenol-d6
Concen: 154.909 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

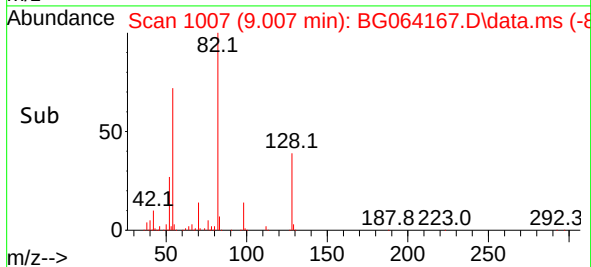
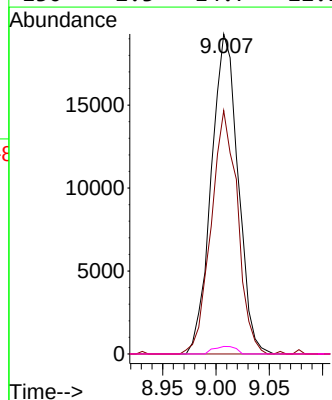
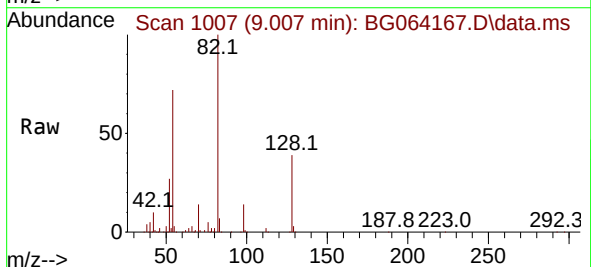
Instrument :
BNA_G
ClientSampleId :

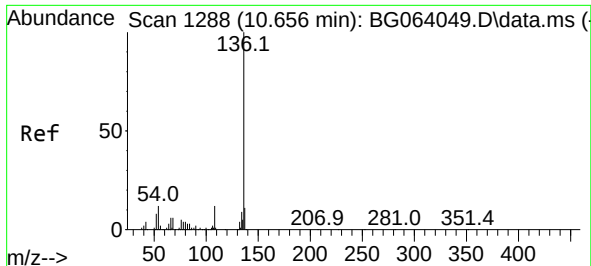
Tgt Ion: 99 Resp: 363994
Ion Ratio Lower Upper
99 100
42 30.1 22.7 34.1
71 43.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.410 ng
RT: 9.007 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion: 70 Resp: 33657
Ion Ratio Lower Upper
70 100
42 76.1 72.1 108.1
101 0.0 7.2 10.8#
130 2.3 14.7 22.1#

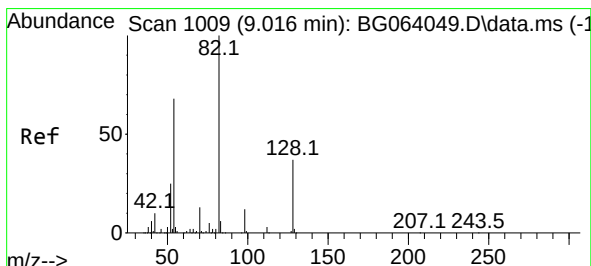
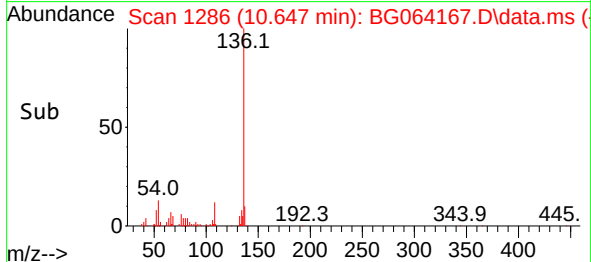
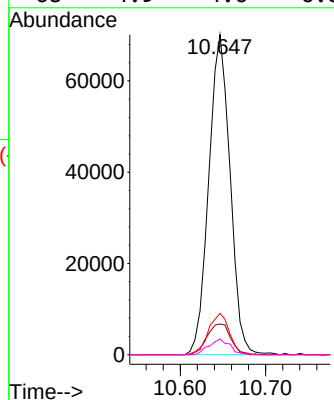
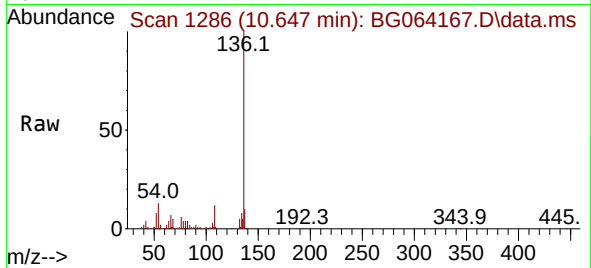




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

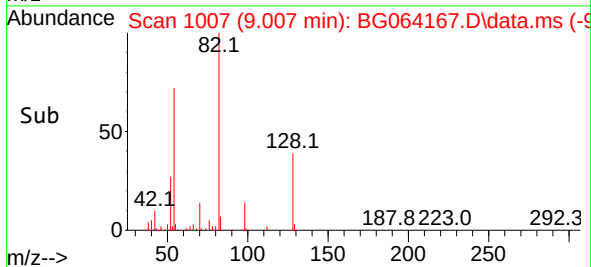
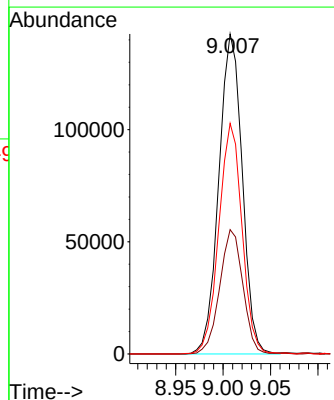
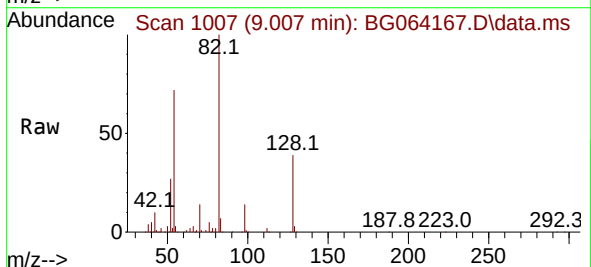
Instrument :
BNA_G
ClientSampleId :

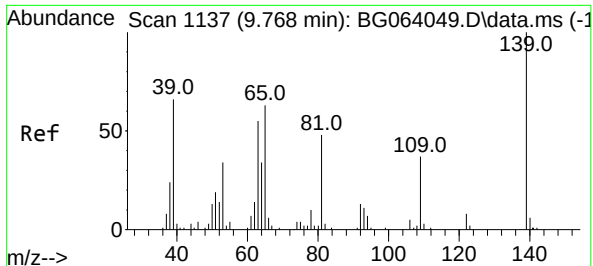
Tgt Ion:136 Resp: 121929
Ion Ratio Lower Upper
136 100
137 9.6 8.5 12.7
54 12.9 9.9 14.9
68 4.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 111.020 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

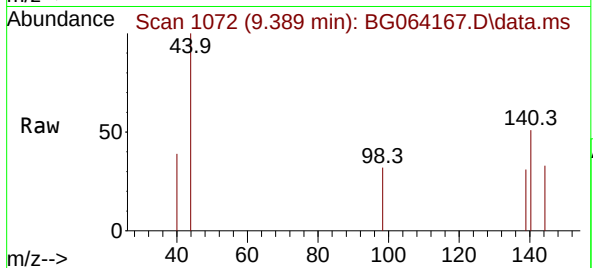
Tgt Ion: 82 Resp: 244953
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 72.0 54.7 82.1



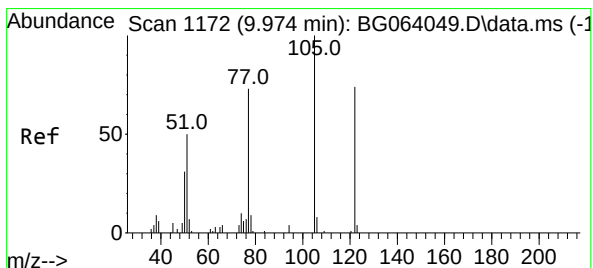
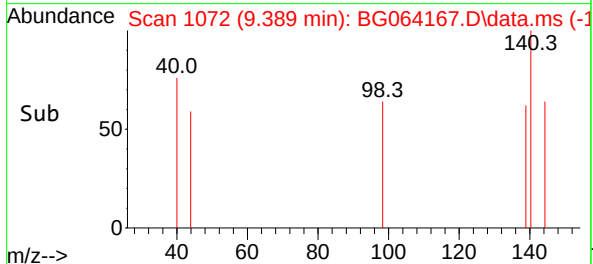
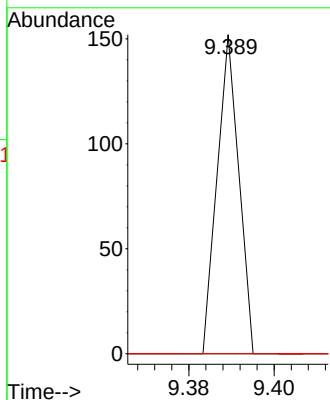


#26
2-Nitrophenol
Concen: 3.358 ng
RT: 9.389 min Scan# 1107
Delta R.T. -0.379 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :

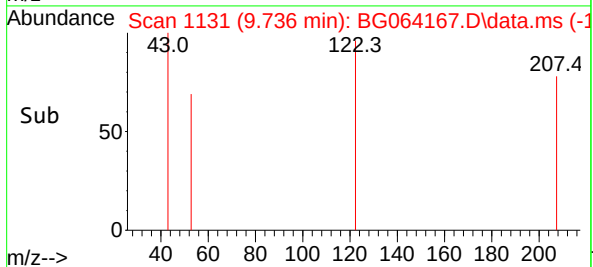
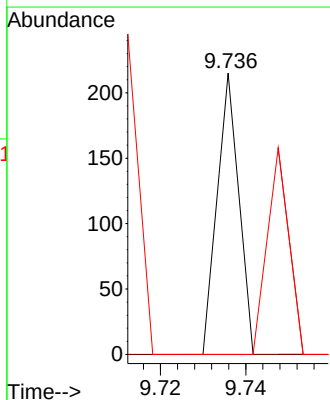
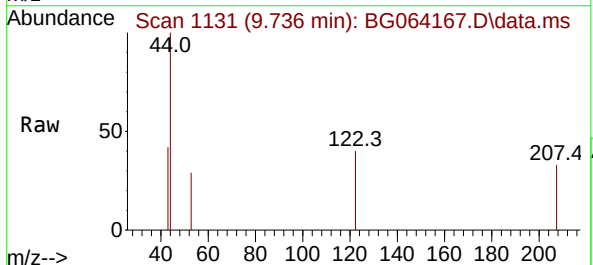


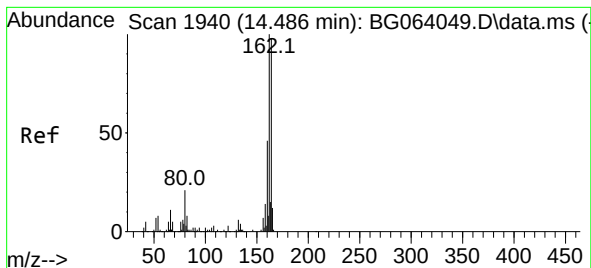
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.741 ng
RT: 9.736 min Scan# 1131
Delta R.T. -0.238 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:122 Resp: 76
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: 14.483 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

Instrument :

BNA_G

ClientSampleId :

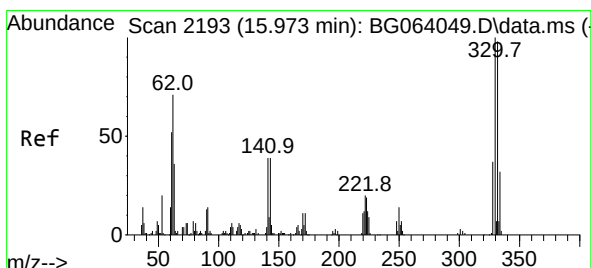
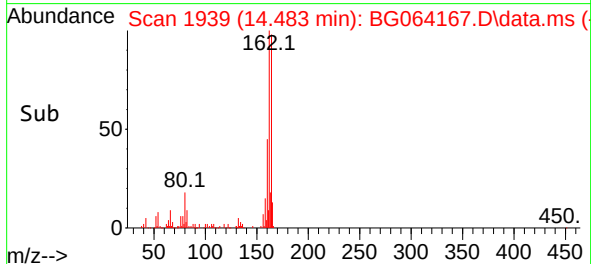
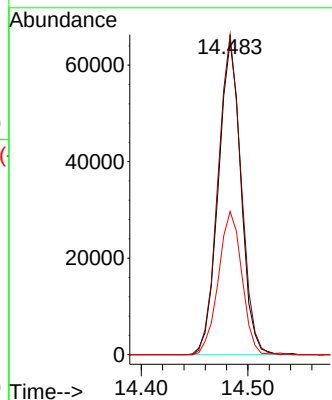
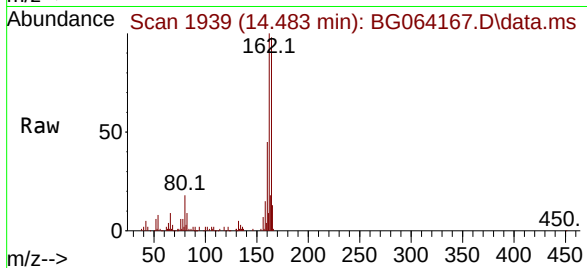
Tgt Ion:164 Resp: 95631

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 45.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 190.159 ng

RT: 15.970 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

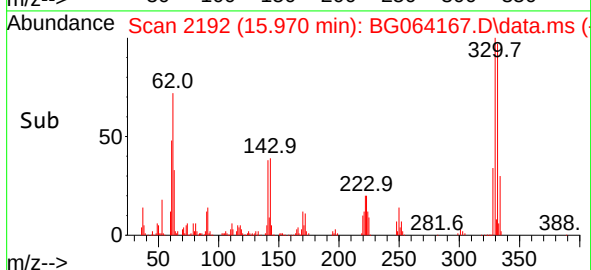
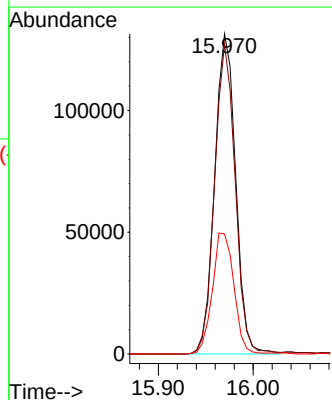
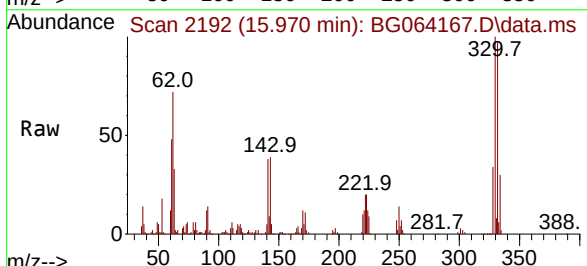
Tgt Ion:330 Resp: 202140

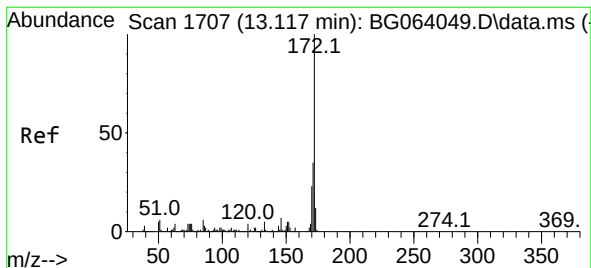
Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

141 38.6 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 96.504 ng

RT: 13.108 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

Instrument :

BNA_G

ClientSampleId :

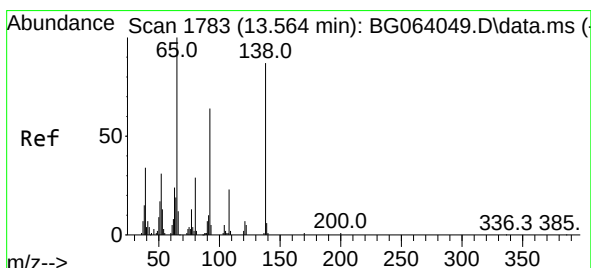
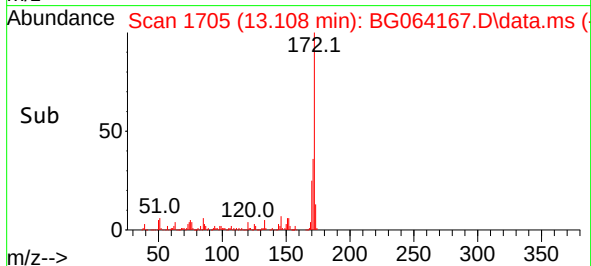
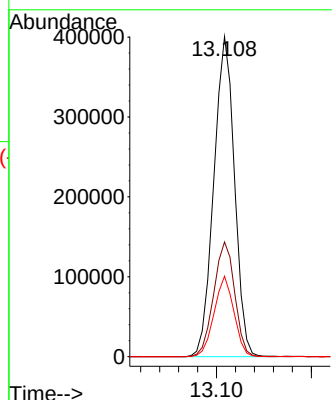
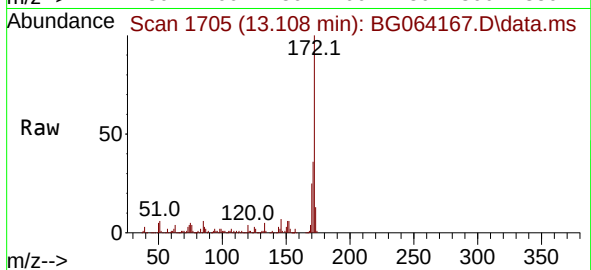
Tgt Ion:172 Resp: 608003

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

170 25.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.252 ng

RT: 13.296 min Scan# 1737

Delta R.T. -0.268 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

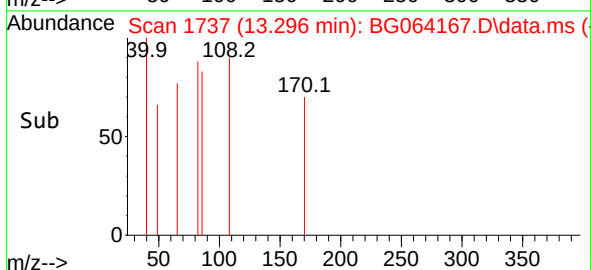
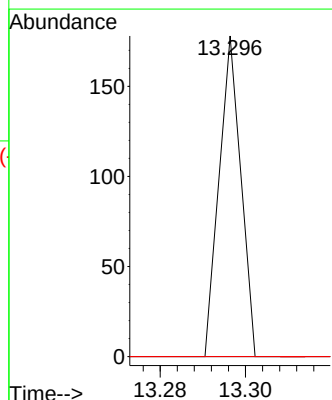
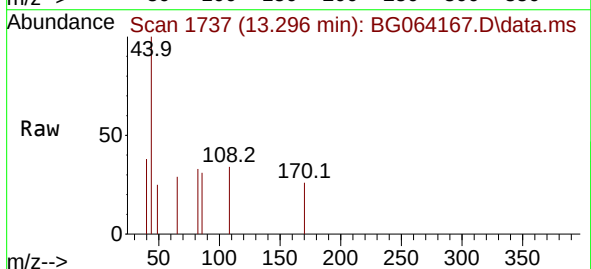
Tgt Ion: 65 Resp: 63

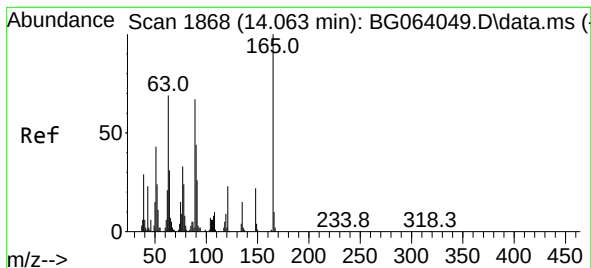
Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

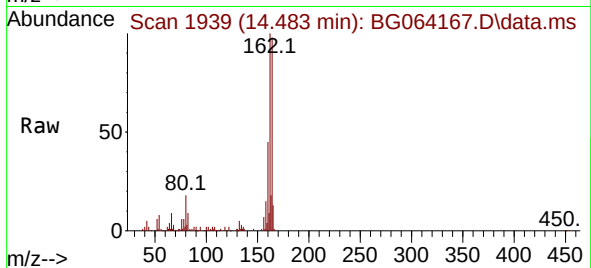
138 0.0 69.4 104.2#



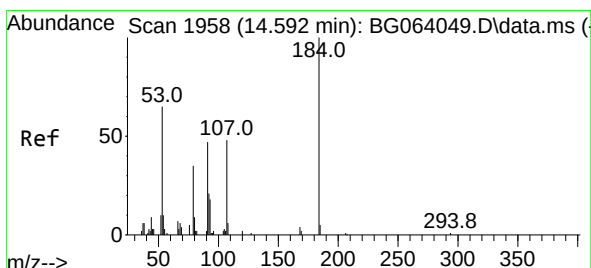
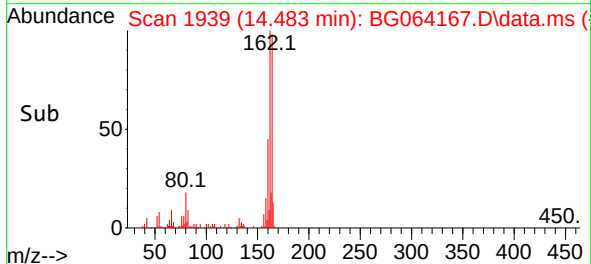
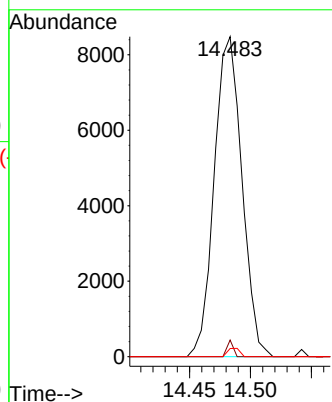


#51
2,6-Dinitrotoluene
Concen: 12.042 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :

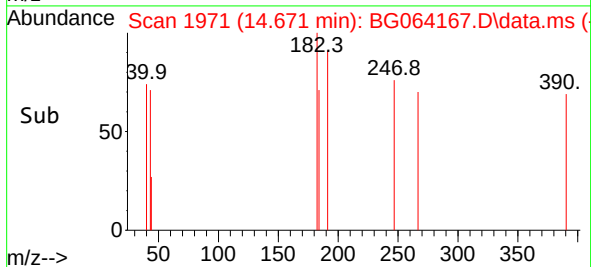
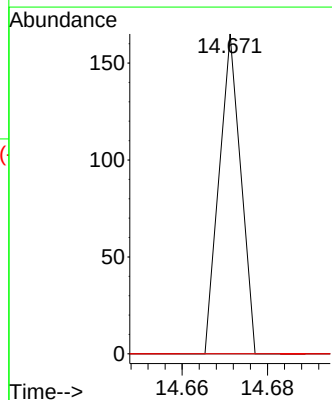
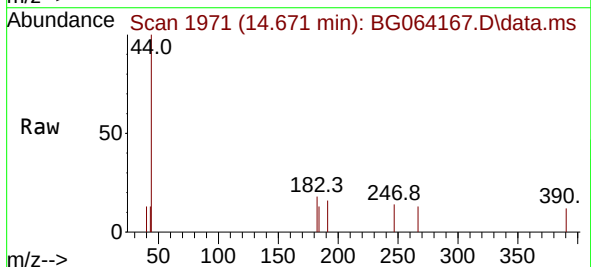


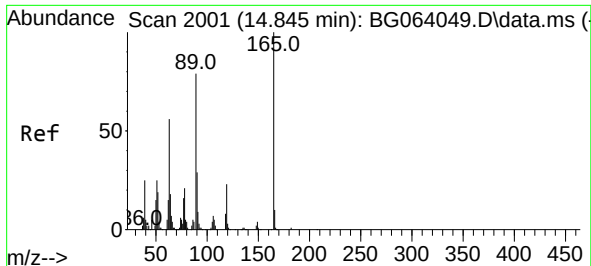
Tgt Ion:165 Resp: 13373
Ion Ratio Lower Upper
165 100
63 5.2 56.7 85.1#
89 2.5 53.7 80.5#



#54
2,4-Dinitrophenol
Concen: 7.969 ng
RT: 14.671 min Scan# 1971
Delta R.T. 0.079 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

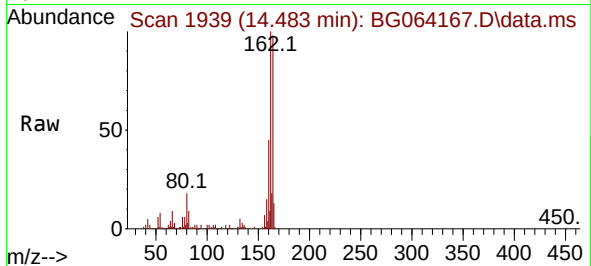
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



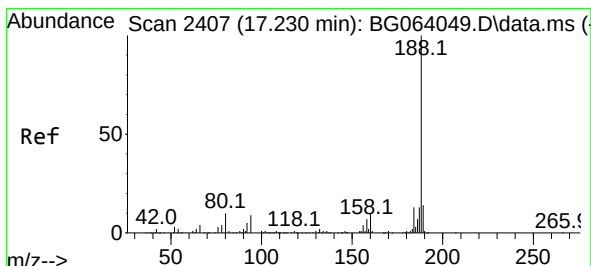
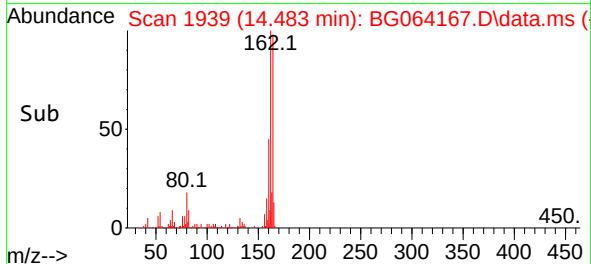
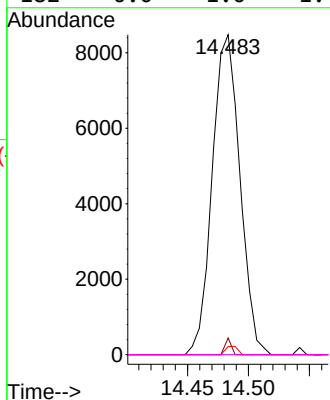


#57
2,4-Dinitrotoluene
Concen: 9.899 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.362 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :

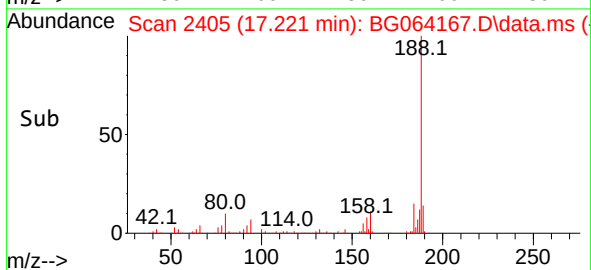
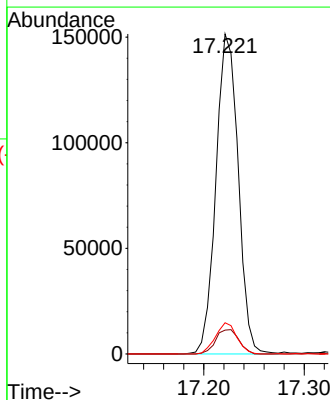
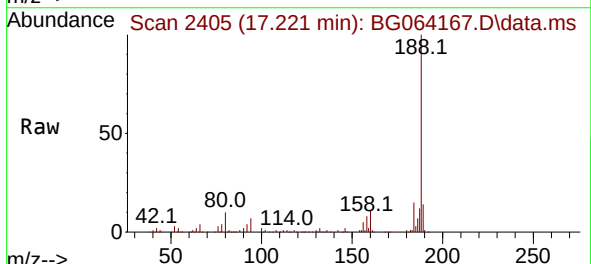


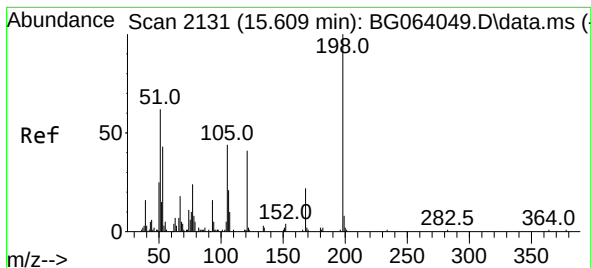
Tgt Ion:165 Resp: 13373
Ion Ratio Lower Upper
165 100
63 5.2 45.0 67.6#
89 2.5 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:188 Resp: 233012
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.8 8.1 12.1

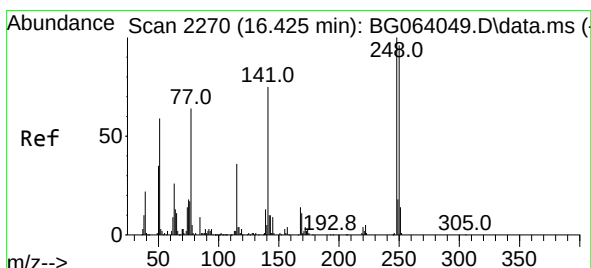
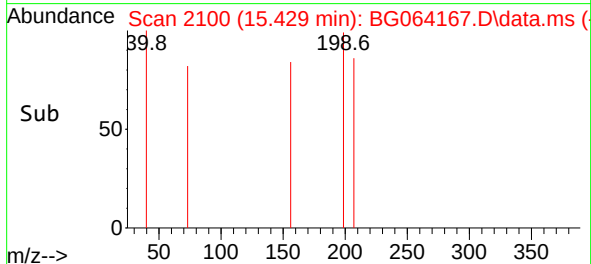
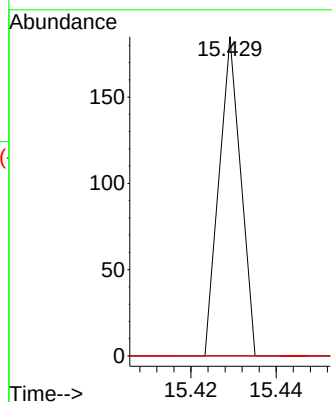
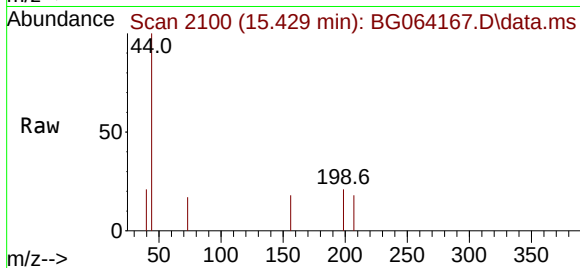




#65
4,6-Dinitro-2-methylphenol
Concen: 8.232 ng
RT: 15.429 min Scan# 2131
Delta R.T. -0.180 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

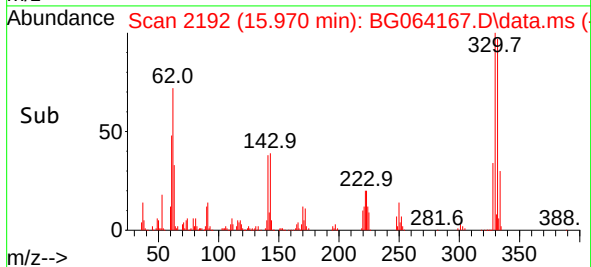
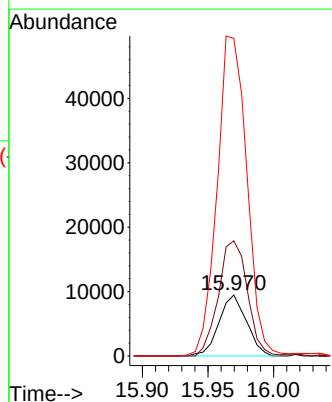
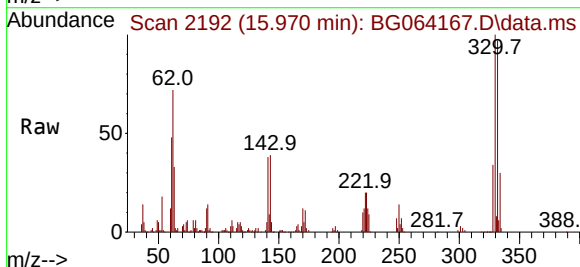
Instrument :
BNA_G
ClientSampleId :

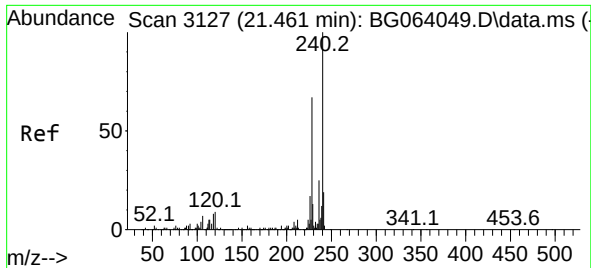
Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.810 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.456 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:248 Resp: 13865
Ion Ratio Lower Upper
248 100
250 144.4 77.1 115.7#
141 398.5 59.8 89.8#

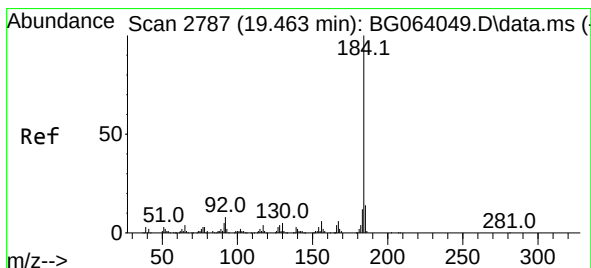
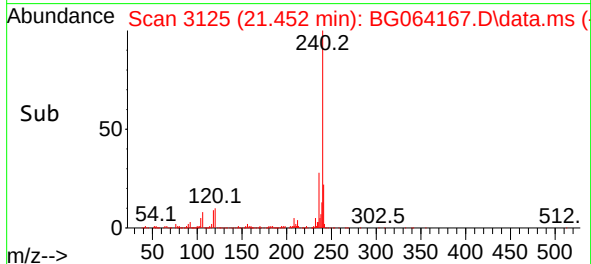
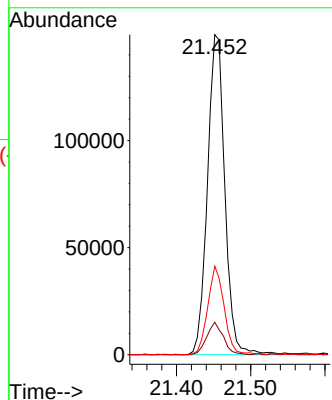
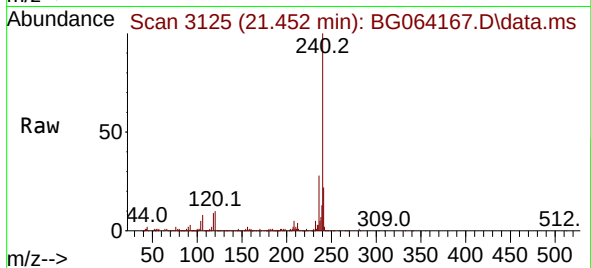




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

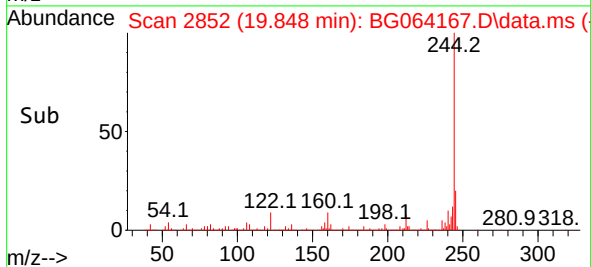
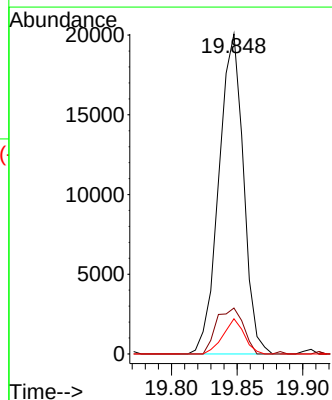
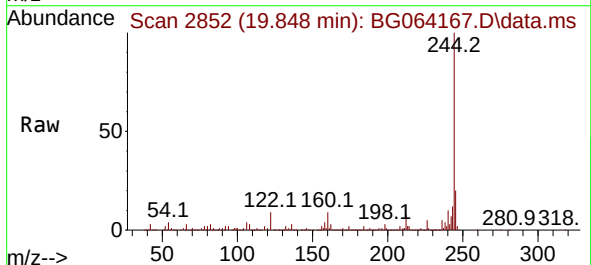
Instrument :
BNA_G
ClientSampleId :

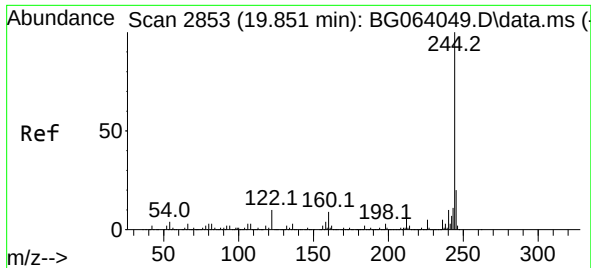
Tgt Ion:240 Resp: 243299
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 27.7 20.2 30.2



#77
Benzidine
Concen: 7.748 ng
RT: 19.848 min Scan# 2852
Delta R.T. 0.385 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

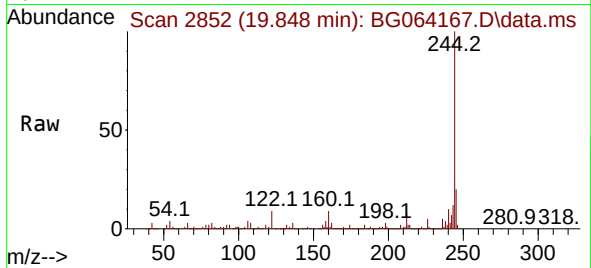
Tgt Ion:184 Resp: 26104
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.0 9.5 14.3



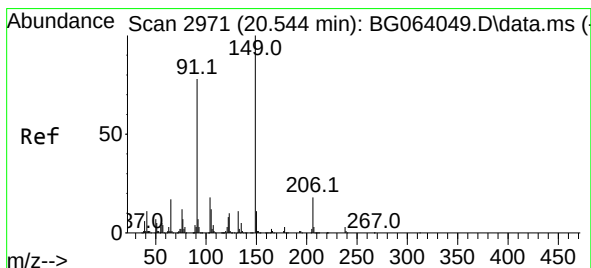
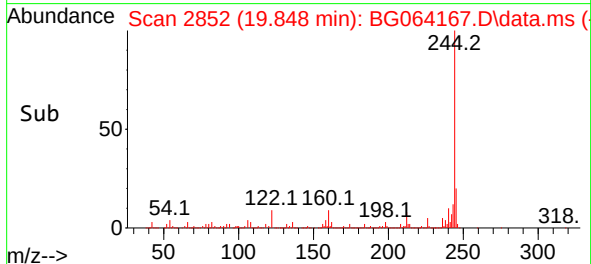
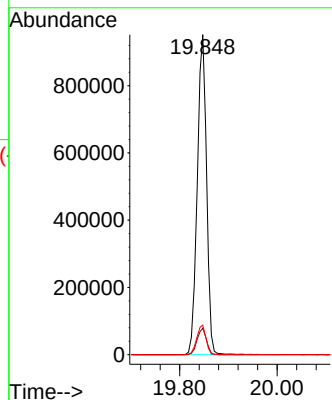


#79
 Terphenyl-d14
 Concen: 105.481 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064167.D
 Acq: 3 Apr 2025 15:13

Instrument :
 BNA_G
 ClientSampleId :

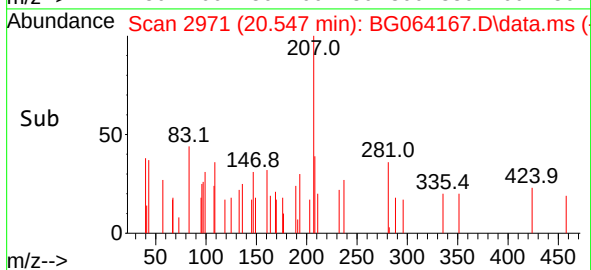
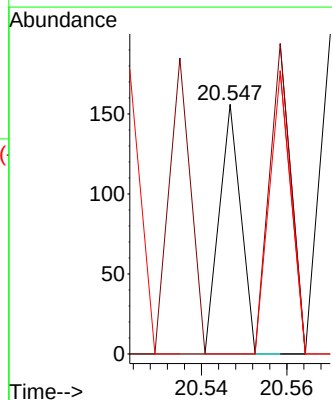
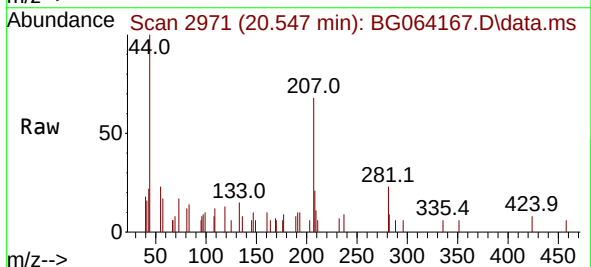


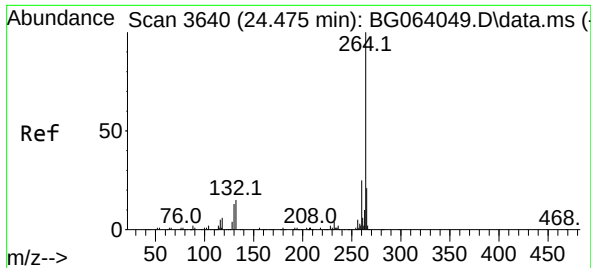
Tgt Ion:244 Resp: 1269208
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.3 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.646 ng
 RT: 20.547 min Scan# 2971
 Delta R.T. 0.003 min
 Lab File: BG064167.D
 Acq: 3 Apr 2025 15:13

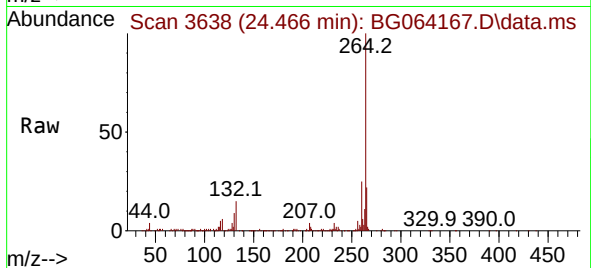
Tgt Ion:149 Resp: 55
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 14.6 21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 257357

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.5	16.6	25.0

