

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063962.D
 Acq On : 24 Jan 2025 18:10
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 15:17:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 15:15:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

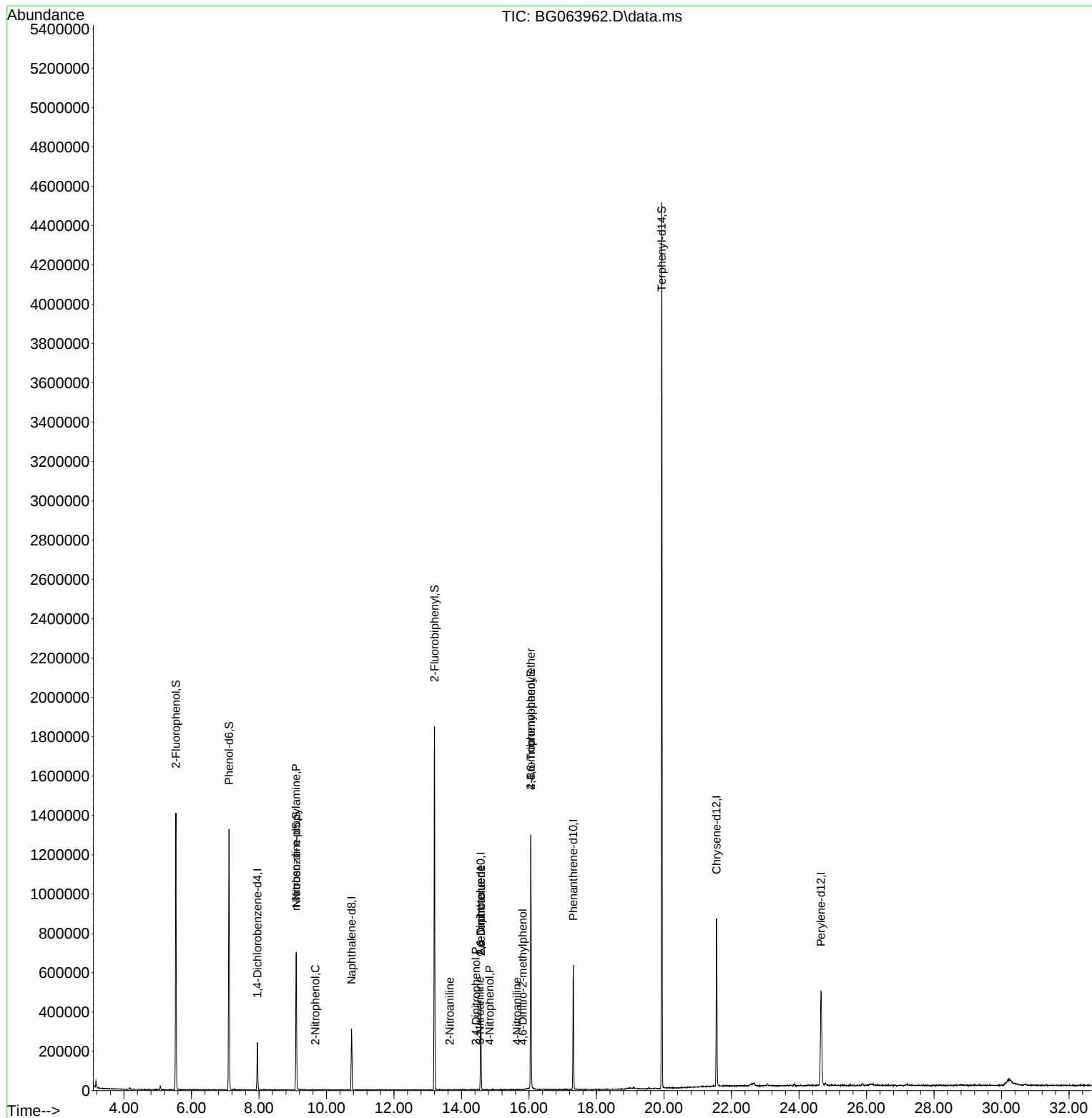
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	58185	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	239580	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	153022	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	375212	20.000	ng	0.00
76) Chrysene-d12	21.554	240	495640	20.000	ng	-0.01
86) Perylene-d12	24.650	264	502172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	550066	130.444	ng	0.00
7) Phenol-d6	7.112	99	706000	123.957	ng	0.00
23) Nitrobenzene-d5	9.104	82	378338	94.057	ng	-0.01
42) 2,4,6-Tribromophenol	16.055	330	226086	144.645	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	904982	83.582	ng	0.00
79) Terphenyl-d14	19.932	244	2140756	86.315	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	51568	13.433	ng	# 78
26) 2-Nitrophenol	9.668	139	59	2.942	ng	# 28
48) 2-Nitroaniline	13.657	65	80	4.931	ng	# 12
51) 2,6-Dinitrotoluene	14.568	165	21719	13.909	ng	# 15
53) 3-Nitroaniline	14.539	138	79	3.176	ng	# 1
54) 2,4-Dinitrophenol	14.427	184	56	7.294	ng	# 17
56) 4-Nitrophenol	14.833	139	69	5.738	ng	# 1
57) 2,4-Dinitrotoluene	14.568	165	21719	12.673	ng	# 13
62) 4-Nitroaniline	15.643	138	56	3.727	ng	# 7
65) 4,6-Dinitro-2-methylph...	15.814	198	57	3.492	ng	# 23
67) 4-Bromophenyl-phenylether	16.055	248	15950	4.096	ng	# 1

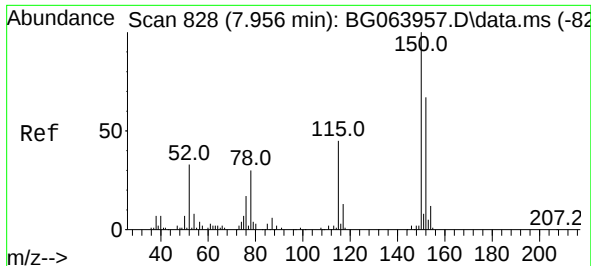
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
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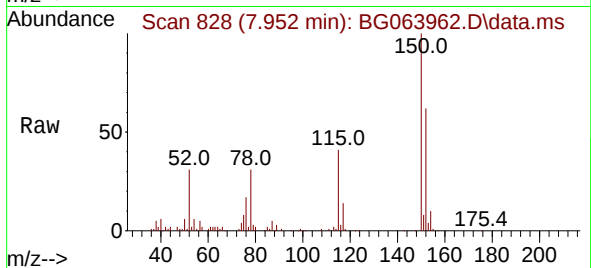
Quant Time: Jan 27 15:17:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
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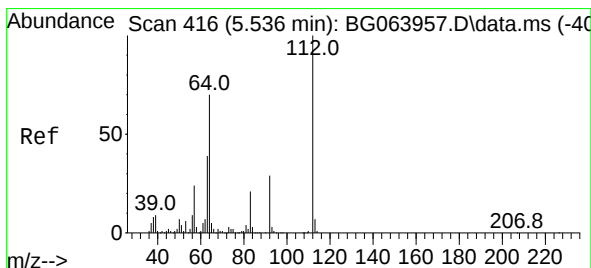
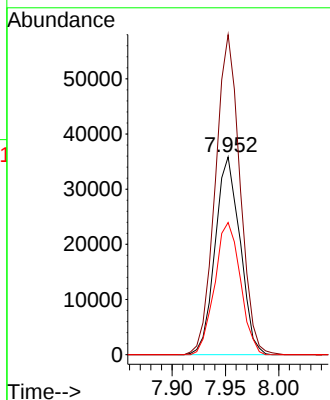
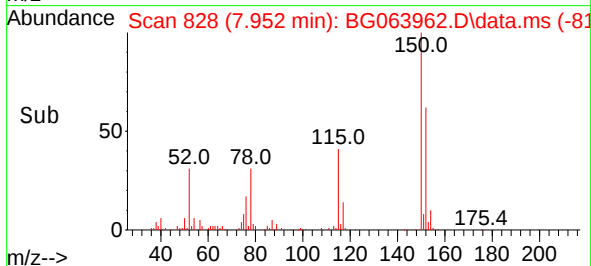


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

Instrument :
BNA_G
ClientSampleId :

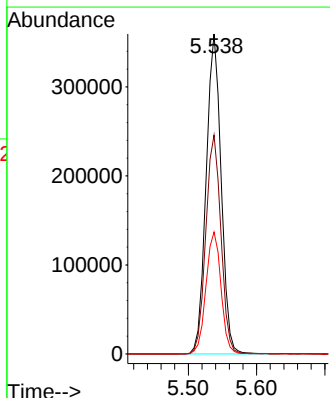
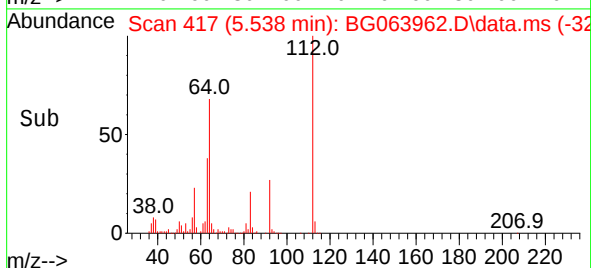
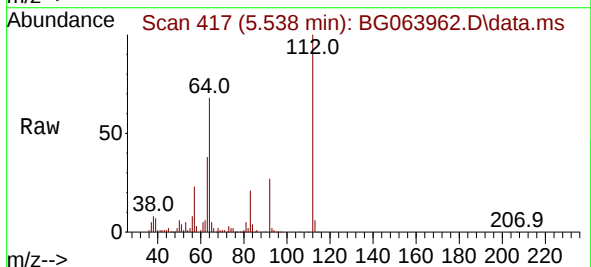


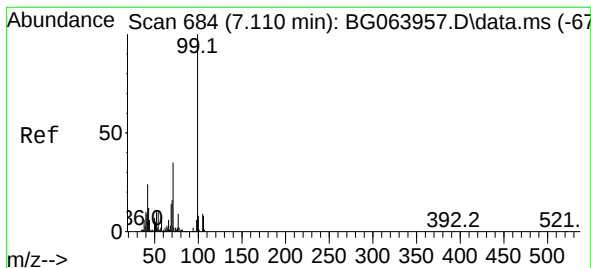
Tgt Ion:152 Resp: 58185
Ion Ratio Lower Upper
152 100
150 161.9 119.4 179.0
115 66.8 53.4 80.0



#5
2-Fluorophenol
Concen: 130.444 ng
RT: 5.538 min Scan# 417
Delta R.T. -0.005 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

Tgt Ion:112 Resp: 550066
Ion Ratio Lower Upper
112 100
64 68.4 56.2 84.4
63 38.1 31.5 47.3





#7

Phenol-d6

Concen: 123.957 ng

RT: 7.112 min Scan# 61

Delta R.T. -0.006 min

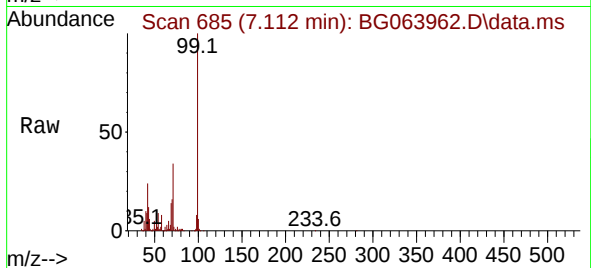
Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Instrument :

BNA_G

ClientSampleId :



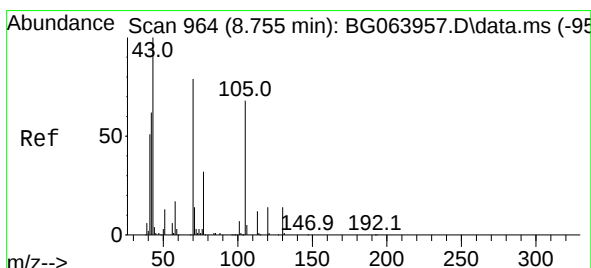
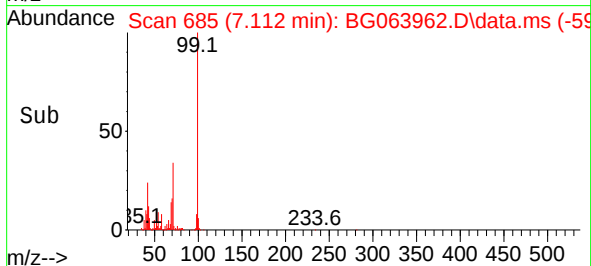
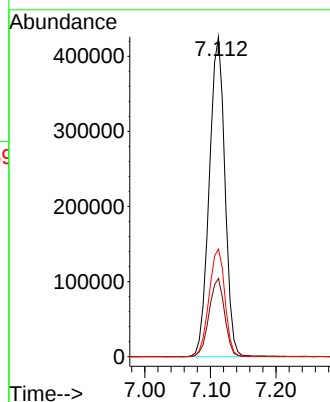
Tgt Ion: 99 Resp: 706000

Ion Ratio Lower Upper

99 100

42 24.4 19.3 28.9

71 33.6 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.433 ng

RT: 9.098 min Scan# 1023

Delta R.T. 0.329 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Tgt Ion: 70 Resp: 51568

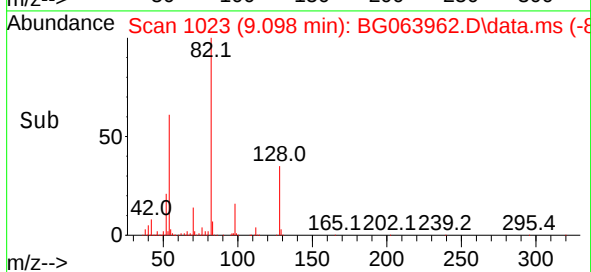
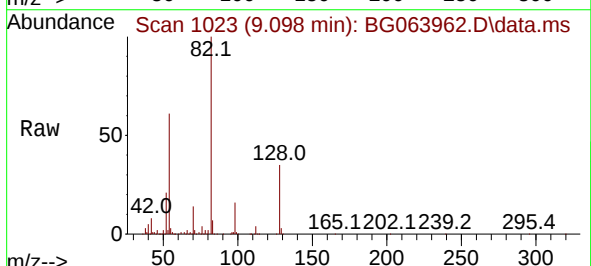
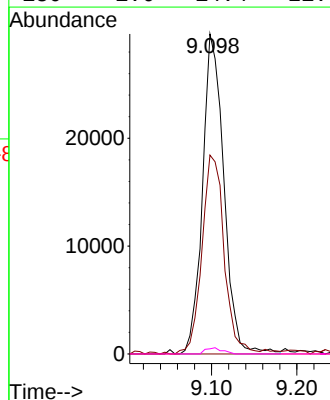
Ion Ratio Lower Upper

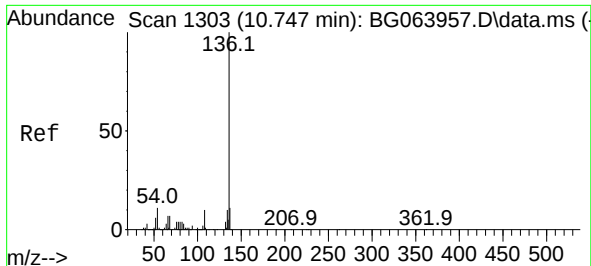
70 100

42 62.2 62.6 93.8#

101 0.0 7.4 11.2#

130 1.6 14.4 21.6#

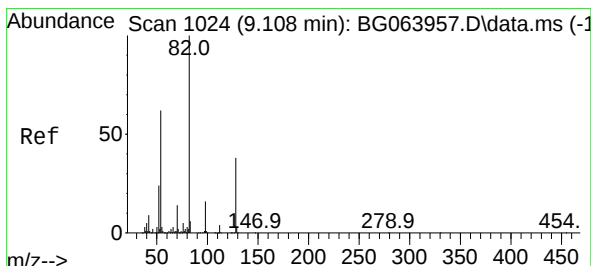
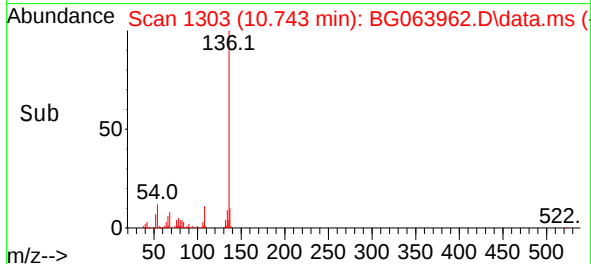
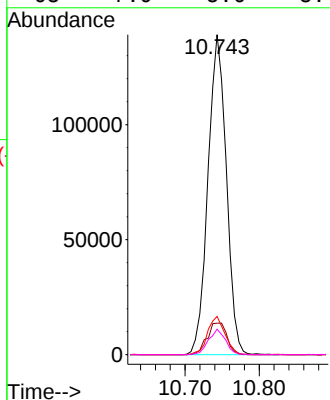
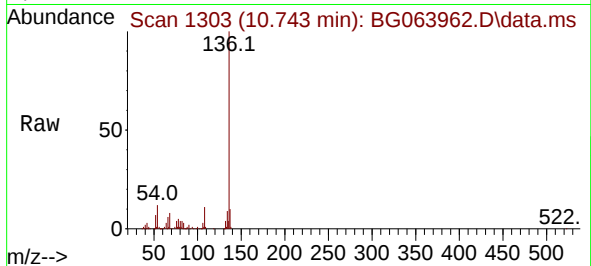




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

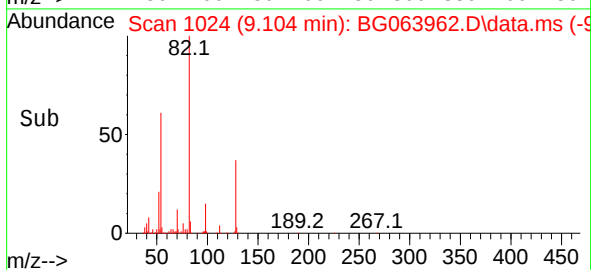
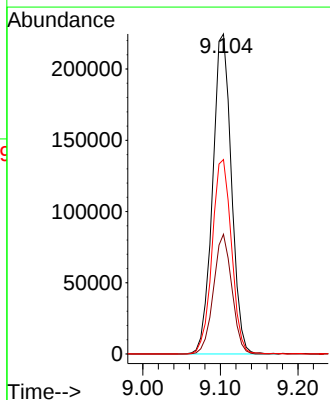
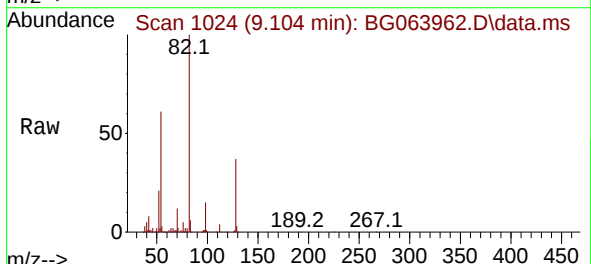
Instrument :
BNA_G
ClientSampleId :

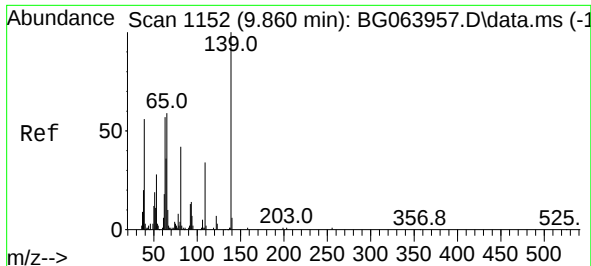
Tgt Ion:	136	Resp:	239580
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.4	12.6
54	11.9	9.0	13.4
68	7.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 94.057 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.011 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

Tgt Ion:	82	Resp:	378338
Ion Ratio	Lower	Upper	
82	100		
128	37.4	30.6	45.8
54	60.8	49.0	73.6





#26

2-Nitrophenol

Concen: 2.942 ng

RT: 9.668 min Scan# 1152

Delta R.T. -0.194 min

Lab File: BG063962.D

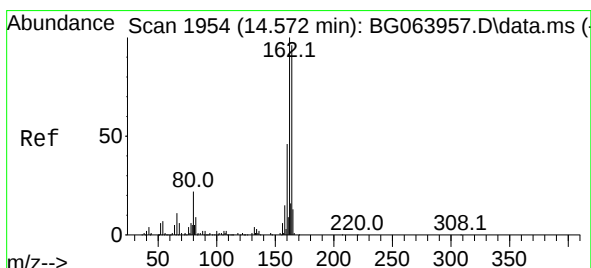
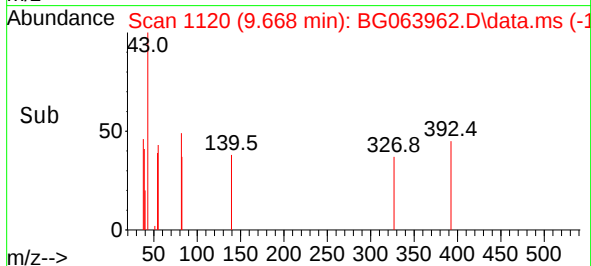
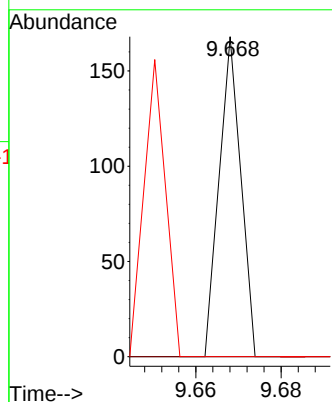
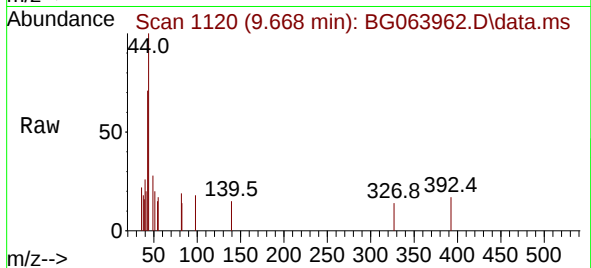
Acq: 24 Jan 2025 18:10

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:139	Resp:	59
Ion Ratio	Lower	Upper
139	100	
109	0.0	27.1 40.7#
65	0.0	47.0 70.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

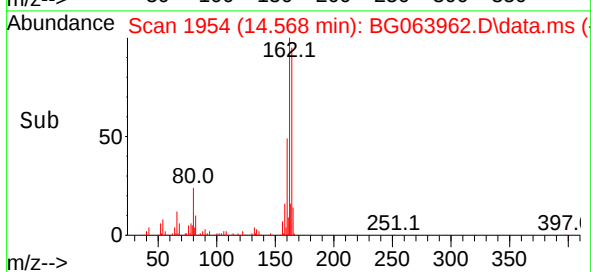
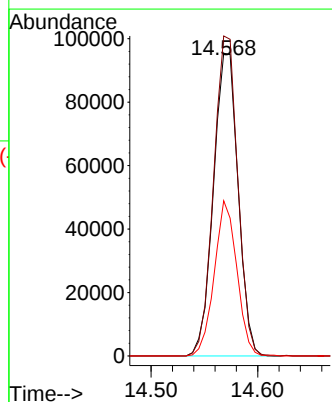
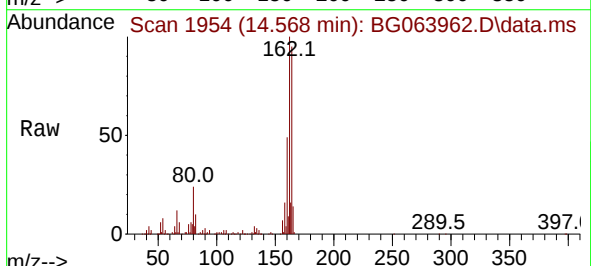
RT: 14.568 min Scan# 1954

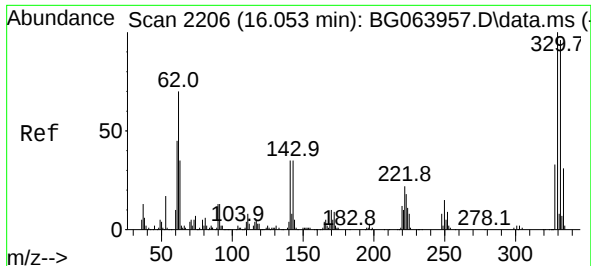
Delta R.T. -0.006 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Tgt Ion:164	Resp:	153022
Ion Ratio	Lower	Upper
164	100	
162	105.7	83.8 125.6
160	51.3	38.2 57.2





#42

2,4,6-Tribromophenol

Concen: 144.645 ng

RT: 16.055 min Scan# 2206

Delta R.T. -0.005 min

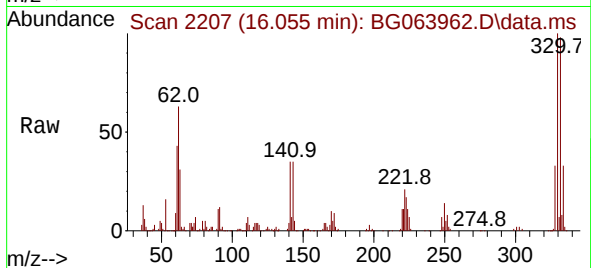
Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Instrument :

BNA_G

ClientSampleId :



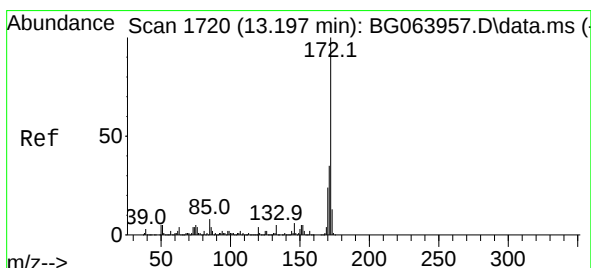
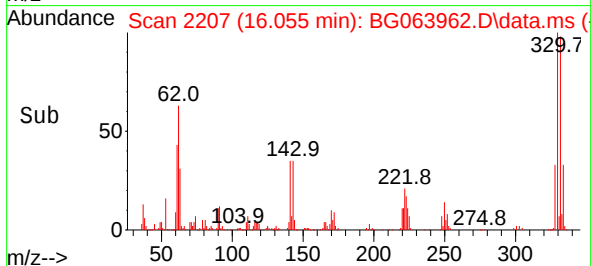
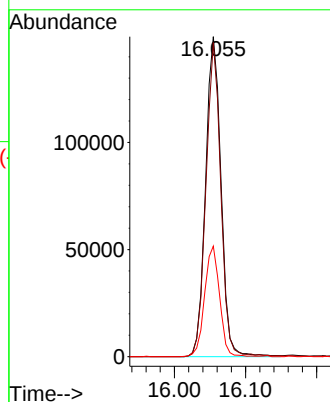
Tgt Ion:330 Resp: 226086

Ion Ratio Lower Upper

330 100

332 95.1 79.4 119.0

141 33.6 27.4 41.2



#45

2-Fluorobiphenyl

Concen: 83.582 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

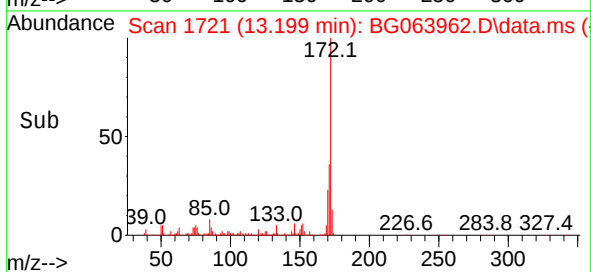
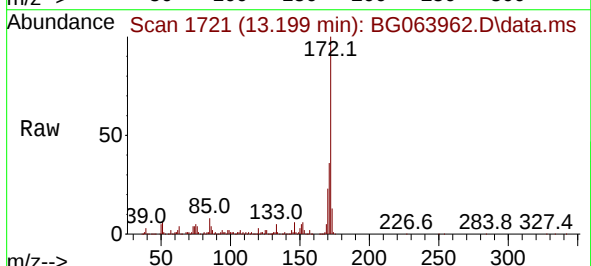
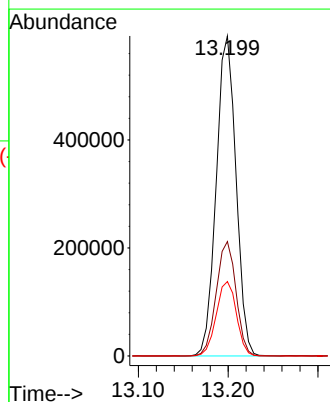
Tgt Ion:172 Resp: 904982

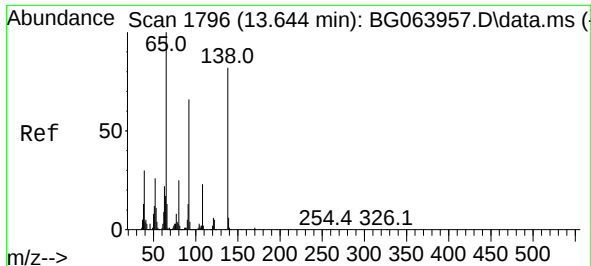
Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.8

170 23.2 19.3 28.9

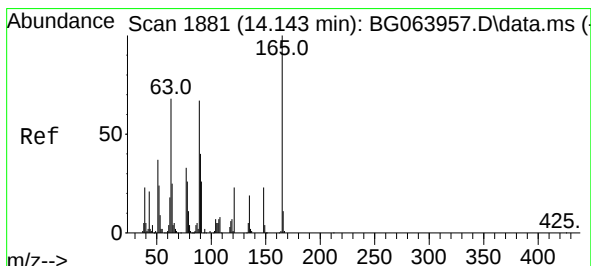
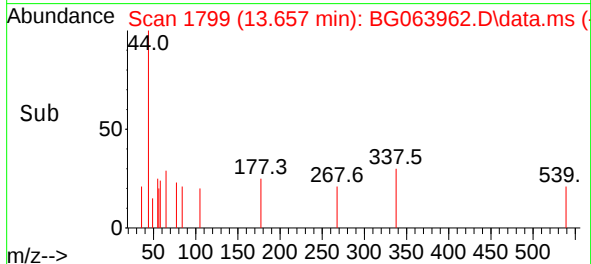
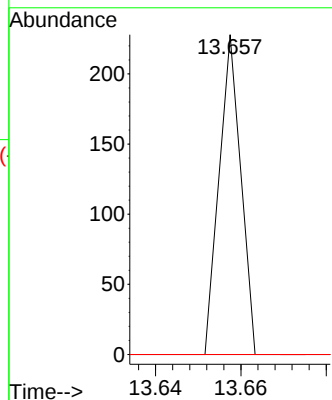
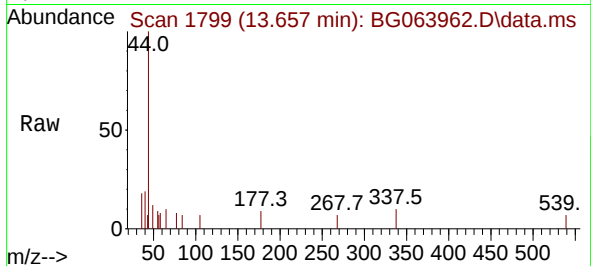




#48
2-Nitroaniline
Concen: 4.931 ng
RT: 13.657 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

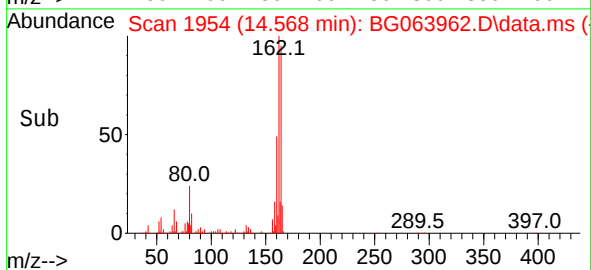
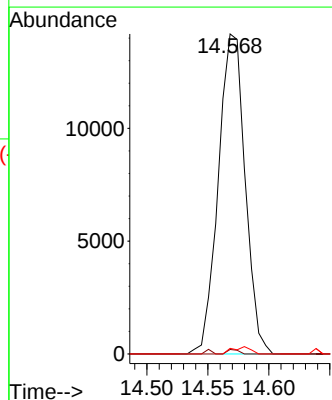
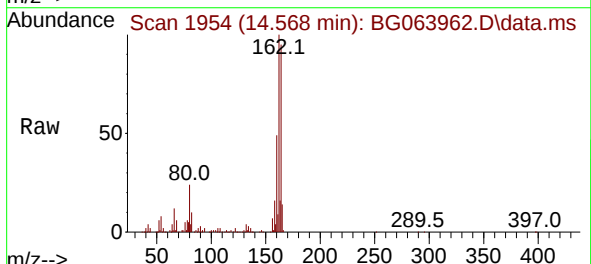
Instrument :
BNA_G
ClientSampleId :

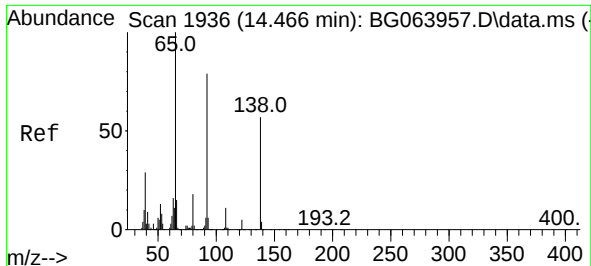
Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 65.8 98.6#



#51
2,6-Dinitrotoluene
Concen: 13.909 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.417 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

Tgt Ion:165 Resp: 21719
Ion Ratio Lower Upper
165 100
63 1.4 62.2 93.2#
89 1.7 53.8 80.6#





#53

3-Nitroaniline

Concen: 3.176 ng

RT: 14.539 min Scan# 1

Delta R.T. 0.065 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Instrument :

BNA_G

ClientSampleId :

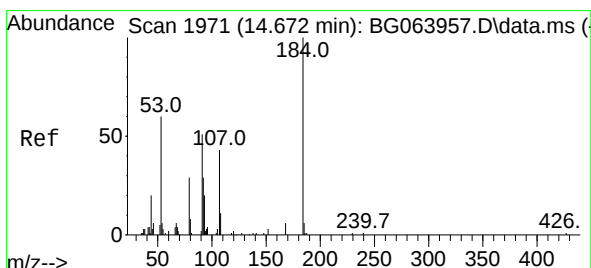
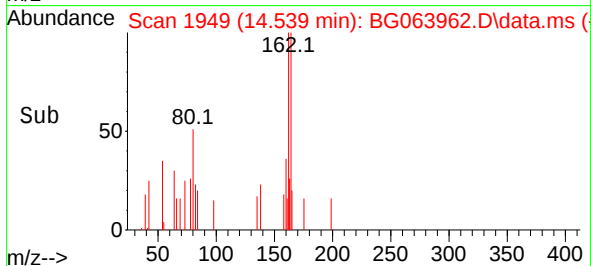
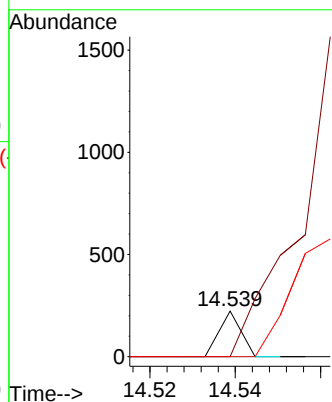
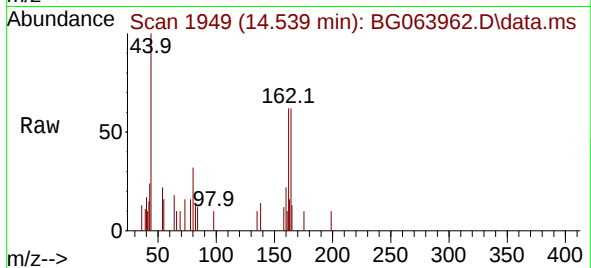
Tgt Ion:138 Resp: 79

Ion Ratio Lower Upper

138 100

108 0.0 16.5 24.7#

92 0.0 112.0 168.0#



#54

2,4-Dinitrophenol

Concen: 7.294 ng

RT: 14.427 min Scan# 1930

Delta R.T. -0.247 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

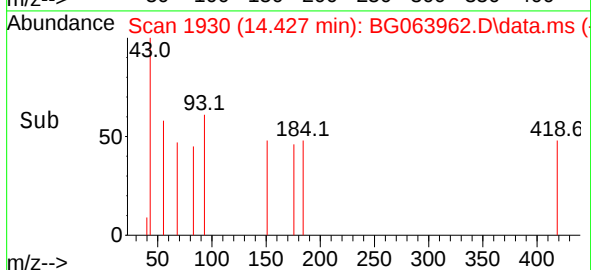
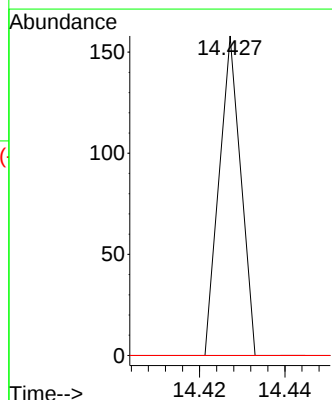
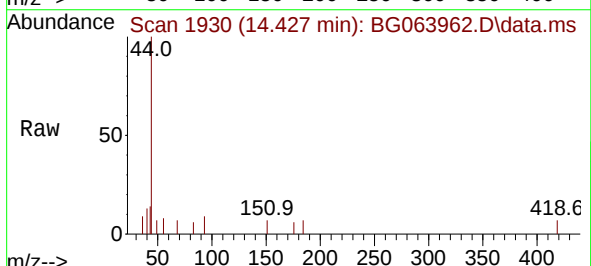
Tgt Ion:184 Resp: 56

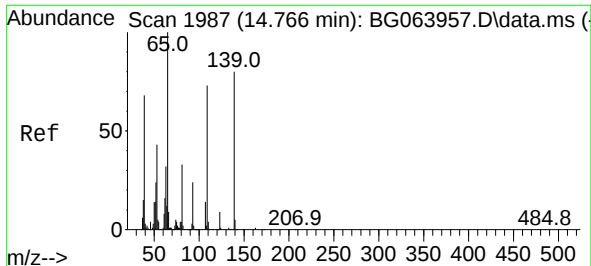
Ion Ratio Lower Upper

184 100

63 0.0 57.3 85.9#

154 0.0 49.3 73.9#





#56

4-Nitrophenol

Concen: 5.738 ng

RT: 14.833 min Scan# 1

Delta R.T. 0.059 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Instrument :

BNA_G

ClientSampleId :

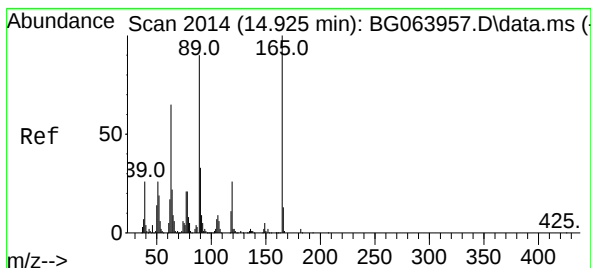
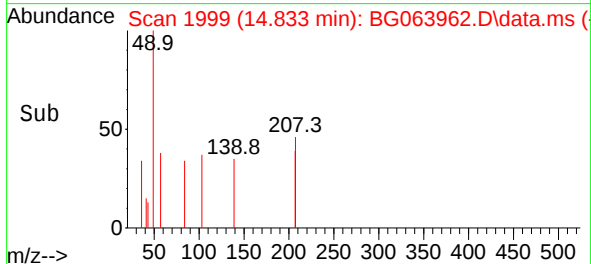
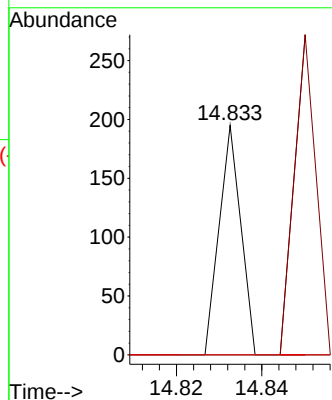
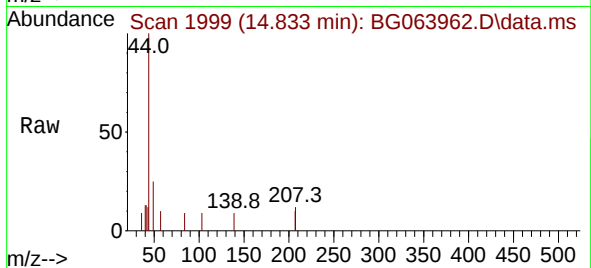
Tgt Ion:139 Resp: 69

Ion Ratio Lower Upper

139 100

109 0.0 71.3 111.3#

65 0.0 105.8 145.8#



#57

2,4-Dinitrotoluene

Concen: 12.673 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.364 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Tgt Ion:165 Resp: 21719

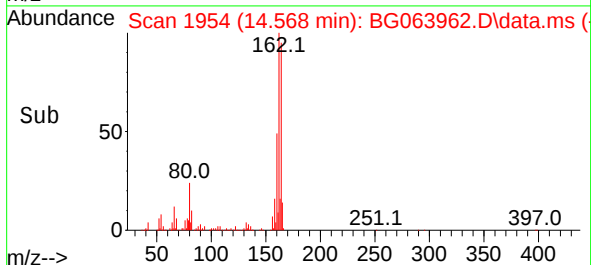
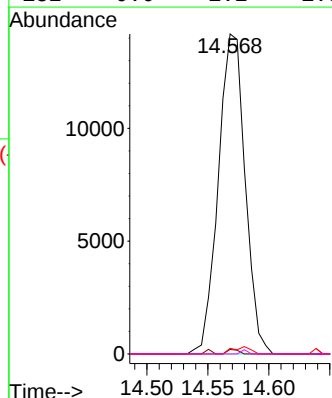
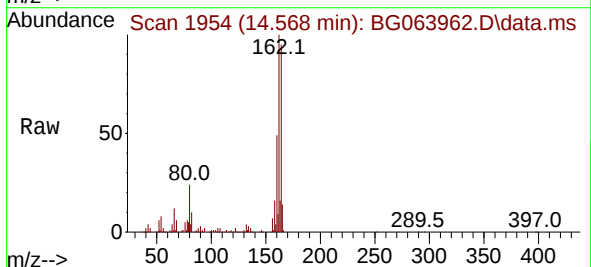
Ion Ratio Lower Upper

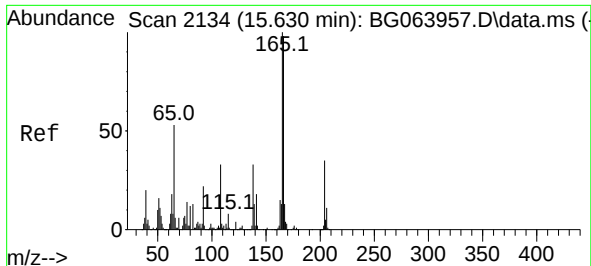
165 100

63 1.4 51.9 77.9#

89 1.7 72.2 108.2#

182 0.0 1.2 1.8#





#62

4-Nitroaniline

Concen: 3.727 ng

RT: 15.643 min Scan# 2134

Delta R.T. 0.000 min

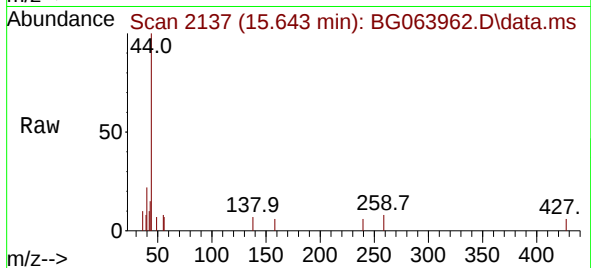
Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

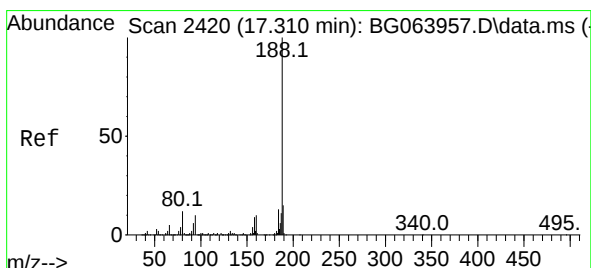
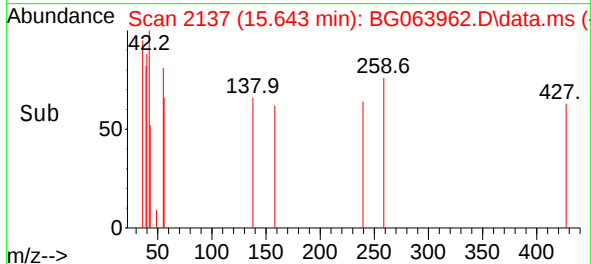
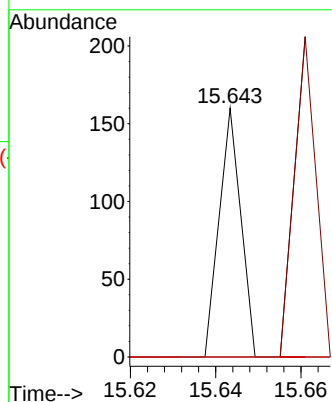
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	138	Resp:	56
Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.1	85.1#
108	0.0	80.1	120.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

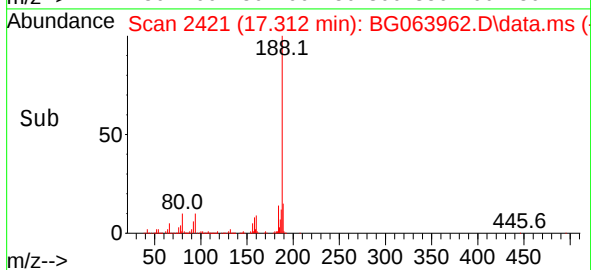
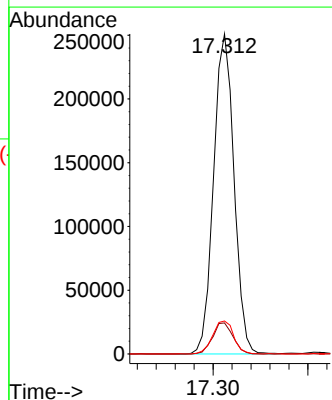
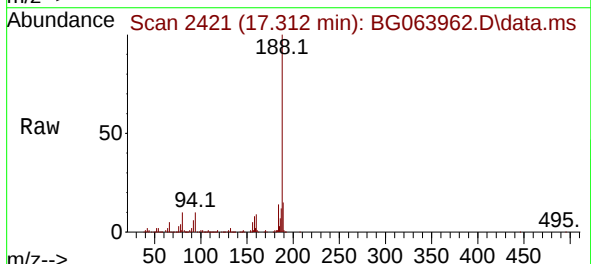
RT: 17.312 min Scan# 2421

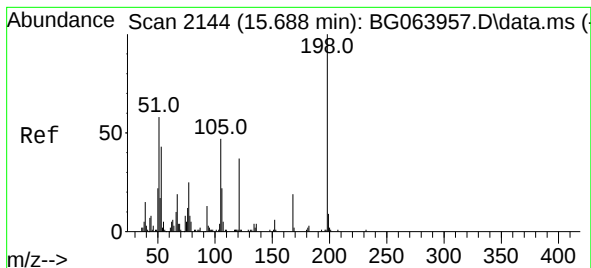
Delta R.T. -0.006 min

Lab File: BG063962.D

Acq: 24 Jan 2025 18:10

Tgt Ion:	188	Resp:	375212
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	10.3	9.8	14.6

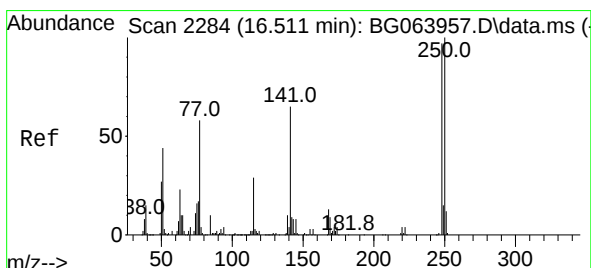
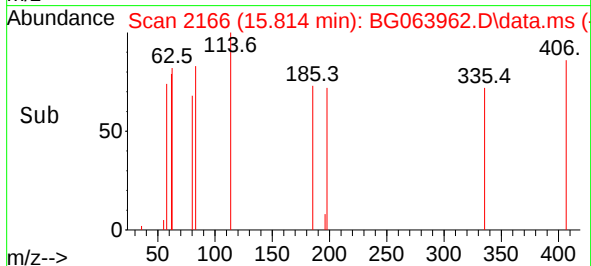
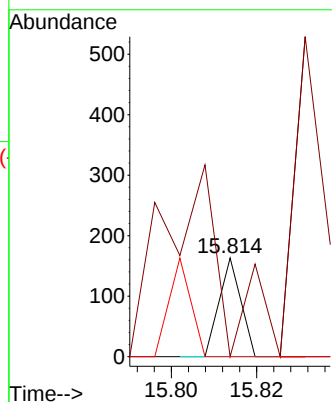
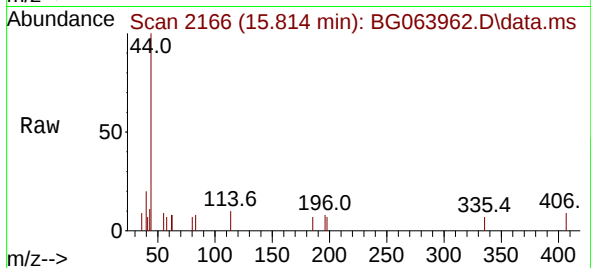




#65
4,6-Dinitro-2-methylphenol
Concen: 3.492 ng
RT: 15.814 min Scan# 2144
Delta R.T. 0.118 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

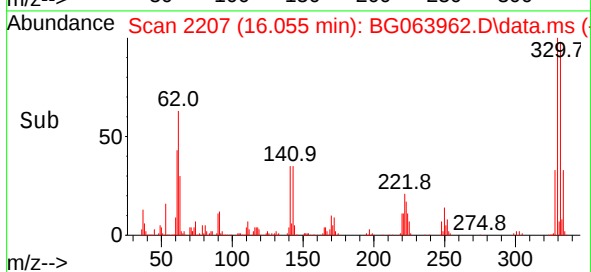
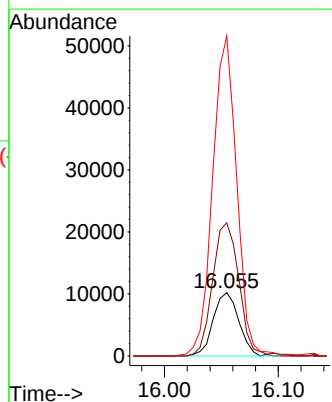
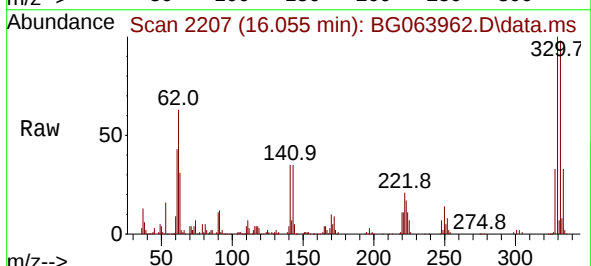
Instrument :
BNA_G
ClientSampleId :

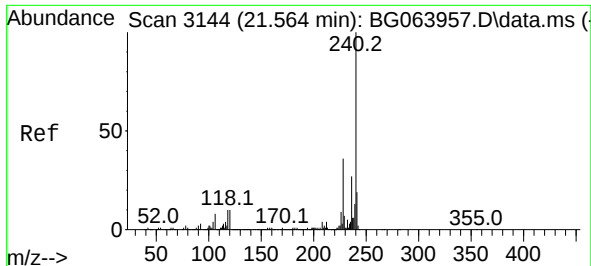
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 43.0 83.0#
105 0.0 28.9 68.9#



#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.458 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

Tgt Ion:248 Resp: 15950
Ion Ratio Lower Upper
248 100
250 209.9 82.2 123.2#
141 504.3 53.2 79.8#

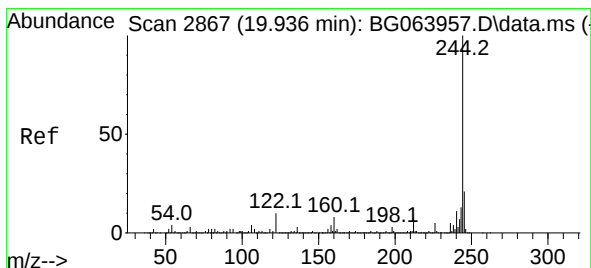
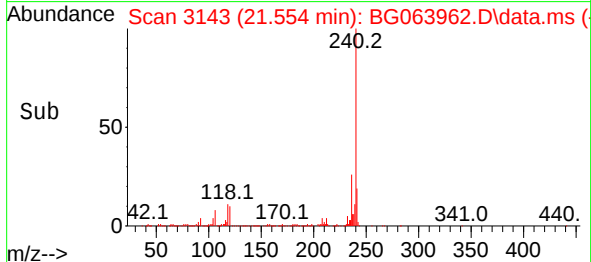
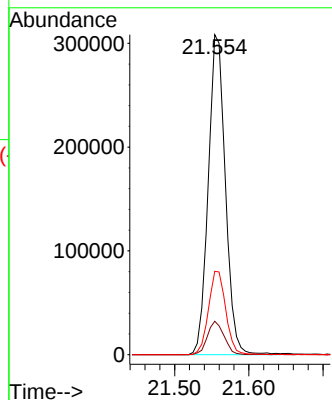
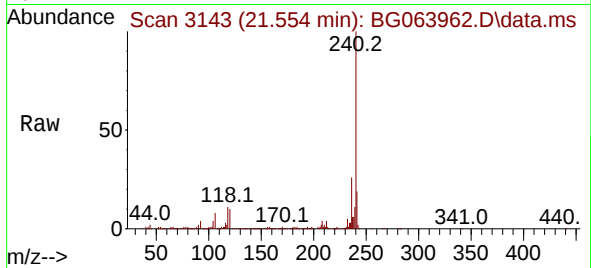




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

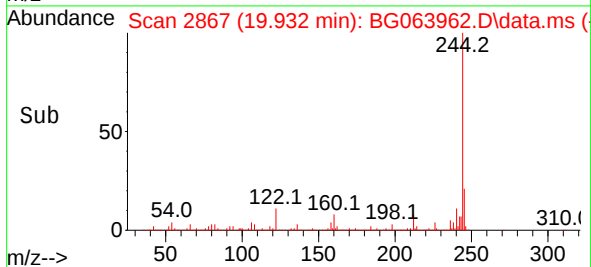
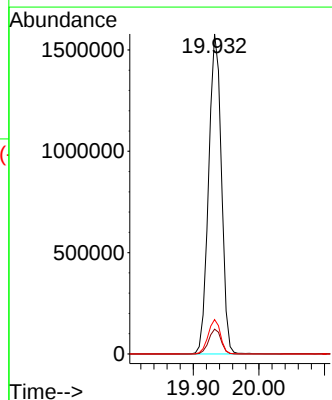
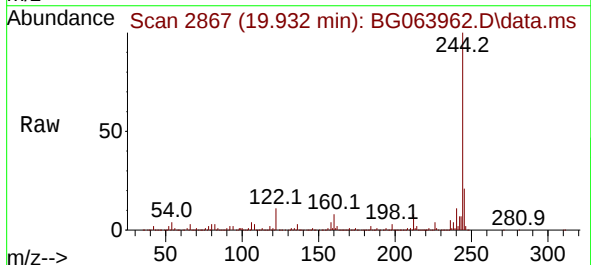
Instrument :
BNA_G
ClientSampleId :

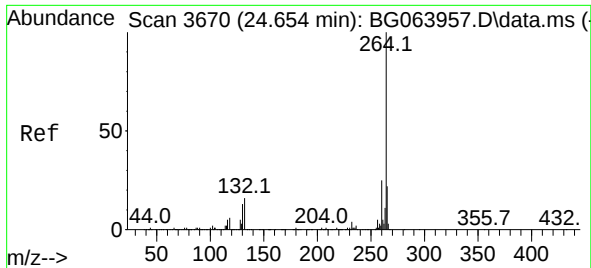
Tgt Ion:240 Resp: 495640
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.1 21.3 31.9



#79
Terphenyl-d14
Concen: 86.315 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BG063962.D
Acq: 24 Jan 2025 18:10

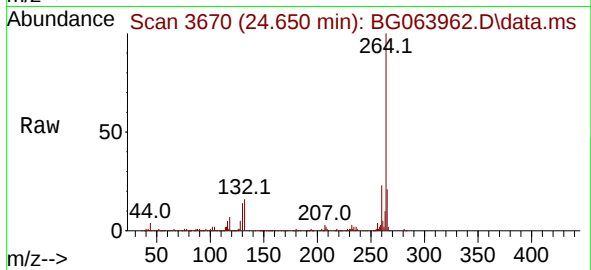
Tgt Ion:244 Resp: 2140756
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.8 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.650 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG063962.D
 Acq: 24 Jan 2025 18:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 502172
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 20.6 17.8 26.8

