

Data Path : C:\Users\eUser\Desktop\krunal\
 Data File : BG064152.D
 Acq On : 2 Apr 2025 14:24
 Operator : RC/JU
 Sample : Q1674-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358

Quant Time: Apr 03 02:16:42 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)

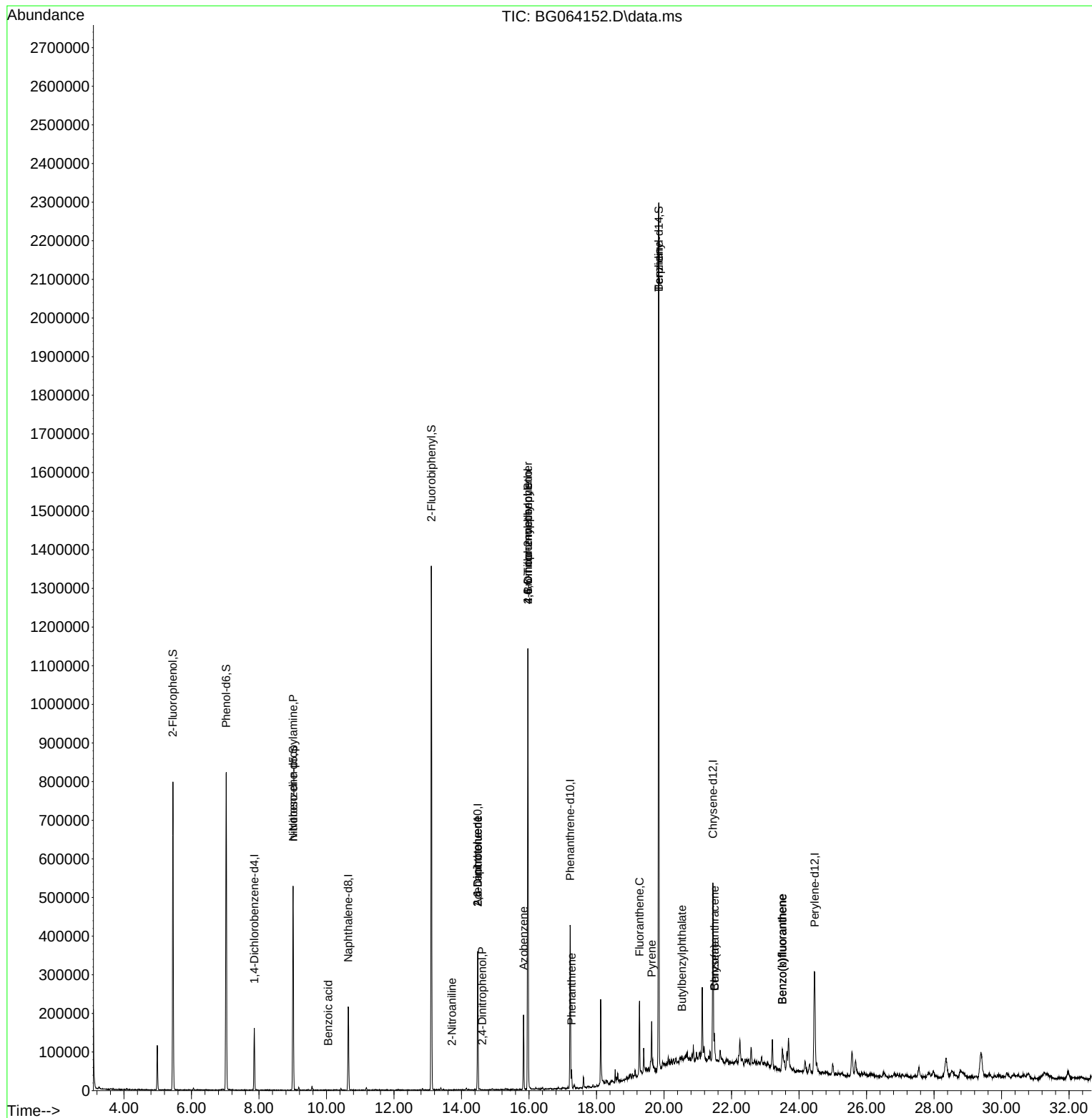
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	39476	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	169892	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	115170	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	247141	20.000	ng	-0.01
76) Chrysene-d12	21.448	240	248491	20.000	ng	-0.01
86) Perylene-d12	24.462	264	267281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	303284	119.962	ng	0.00
7) Phenol-d6	7.030	99	409581	119.089	ng	0.00
23) Nitrobenzene-d5	9.010	82	269691	87.724	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	189481	148.009	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	653845	86.173	ng	-0.01
79) Terphenyl-d14	19.844	244	1054816	85.831	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	37601	15.578	ng	# 74
32) Benzoic acid	10.050	122	78	8.727	ng	# 1
48) 2-Nitroaniline	13.716	65	59	3.243	ng	# 11
51) 2,6-Dinitrotoluene	14.480	165	15809	11.882	ng	# 17
54) 2,4-Dinitrophenol	14.615	184	59	7.956	ng	# 15
57) 2,4-Dinitrotoluene	14.480	165	15809	9.784	ng	# 18
63) Azobenzene	15.837	77	54395	5.523	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.966	198	867	8.852	ng	# 1
67) 4-Bromophenyl-phenylether	15.966	248	13465	5.320	ng	# 1
71) Phenanthrene	17.259	178	26632	2.020	ng	# 96
75) Fluoranthene	19.274	202	103985	6.543	ng	98
77) Benzidine	19.844	184	19845	5.767	ng	# 93
78) Pyrene	19.633	202	70651	4.411	ng	97
80) Butylbenzylphthalate	20.532	149	979	3.788	ng	# 83
81) Benzo(a)anthracene	21.495	228	46741	2.936	ng	99
83) Chrysene	21.495	228	46741	2.944	ng	96
88) Benzo(b)fluoranthene	23.505	252	60829	3.765	ng	# 90
89) Benzo(k)fluoranthene	23.505	252	60829	3.753	ng	# 90

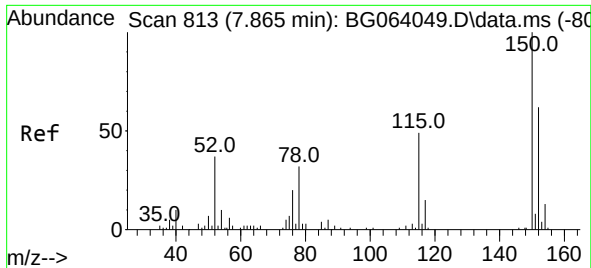
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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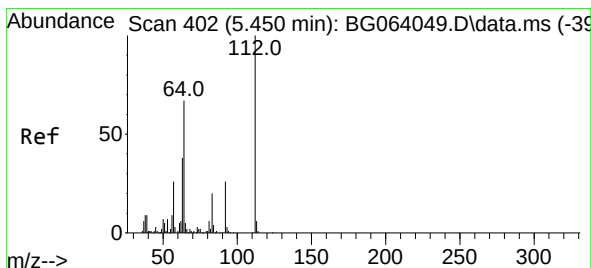
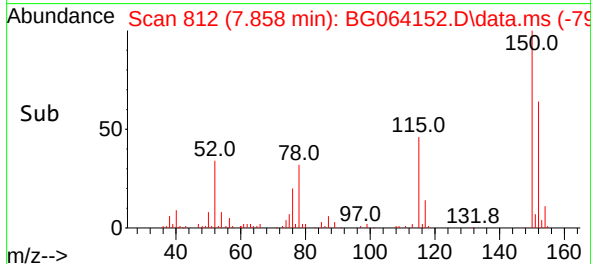
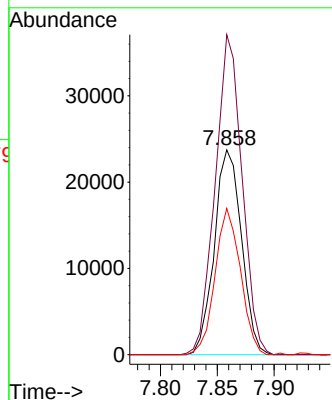
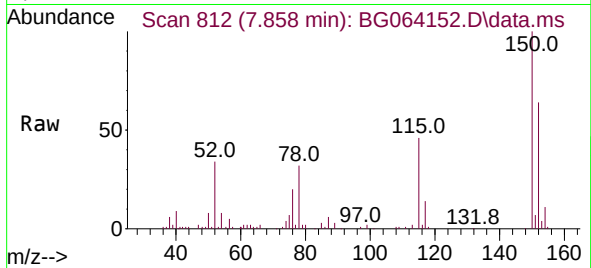




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

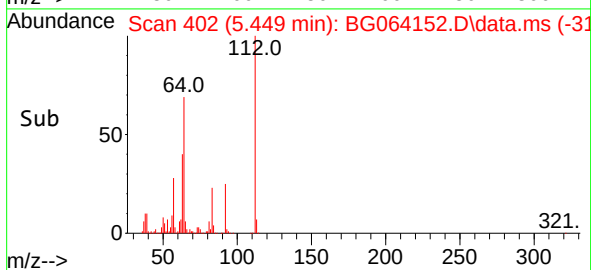
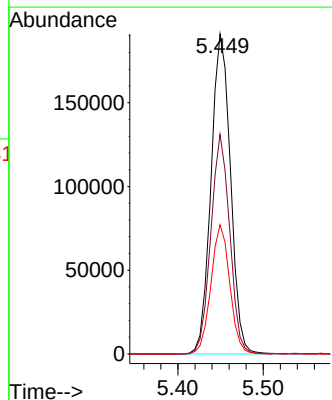
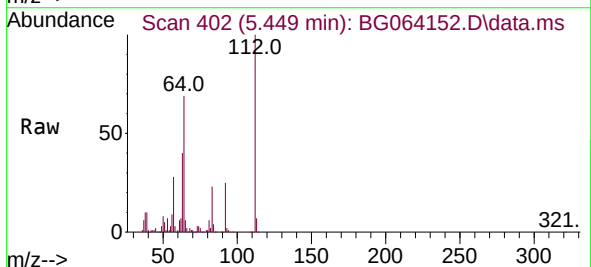
Instrument :
BNA_G
ClientSampleId :
RT5358

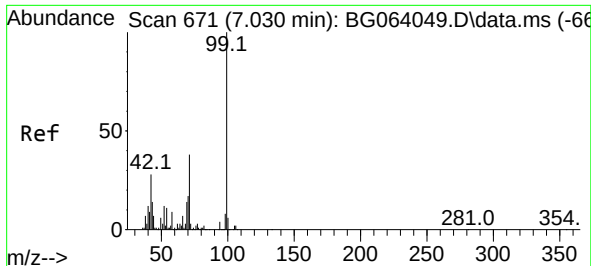
Tgt Ion:152 Resp: 39476
Ion Ratio Lower Upper
152 100
150 156.3 129.2 193.8
115 71.4 63.0 94.6



#5
2-Fluorophenol
Concen: 119.962 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:112 Resp: 303284
Ion Ratio Lower Upper
112 100
64 68.6 53.7 80.5
63 40.4 30.2 45.4

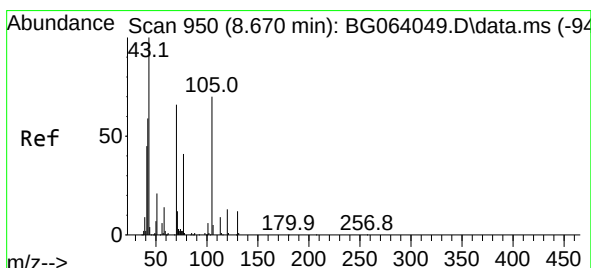
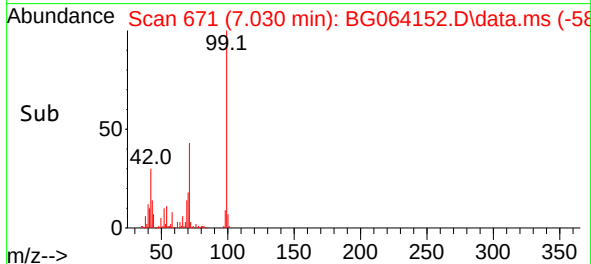
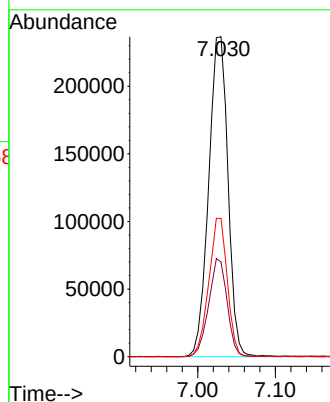
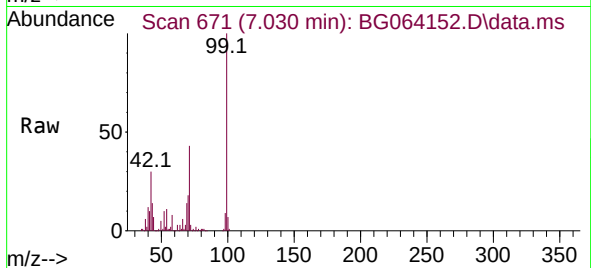




#7
Phenol-d6
Concen: 119.089 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

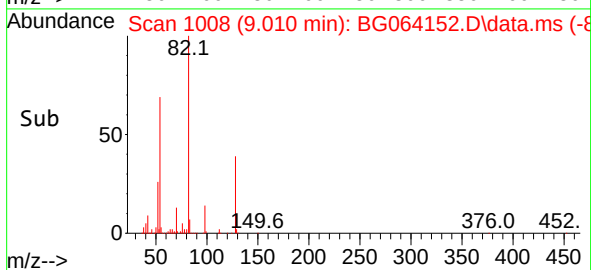
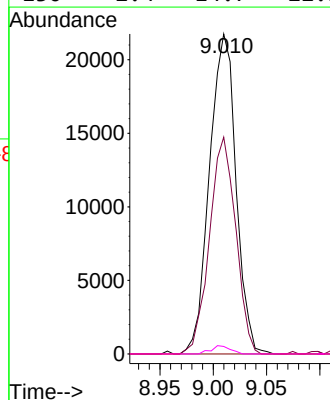
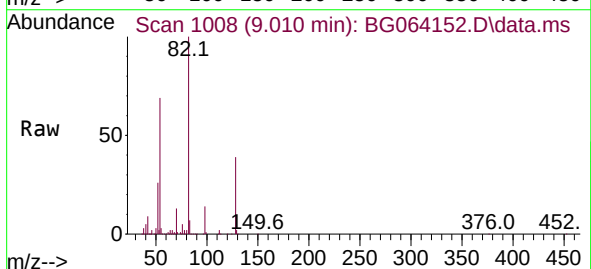
Instrument :
BNA_G
ClientSampleId :
RT5358

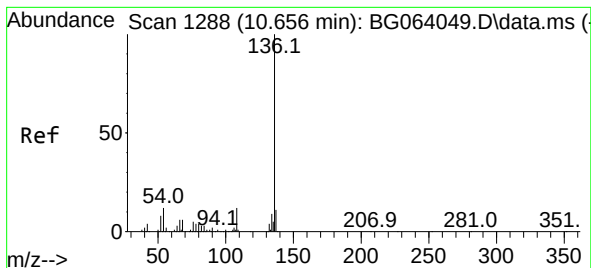
Tgt Ion: 99 Resp: 409581
Ion Ratio Lower Upper
99 100
42 29.6 22.7 34.1
71 43.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.578 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.340 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion: 70 Resp: 37601
Ion Ratio Lower Upper
70 100
42 67.7 72.1 108.1#
101 0.0 7.2 10.8#
130 2.4 14.7 22.1#

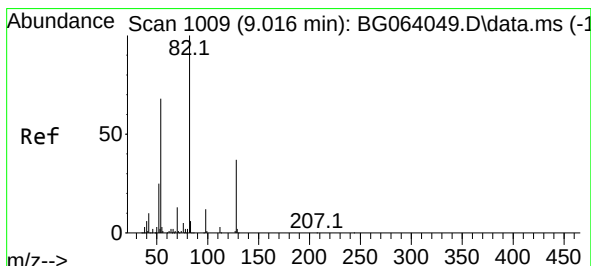
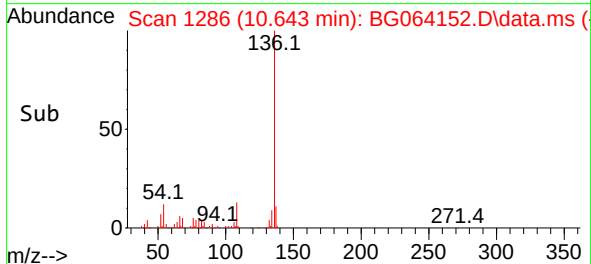
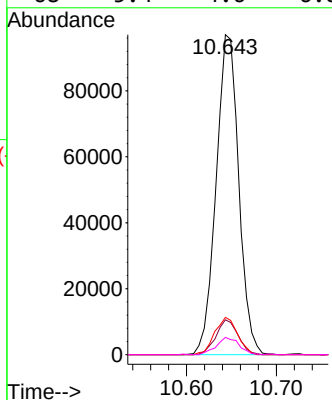
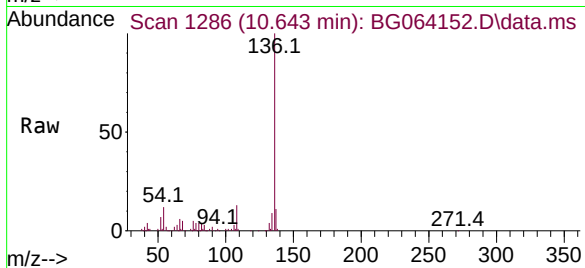




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

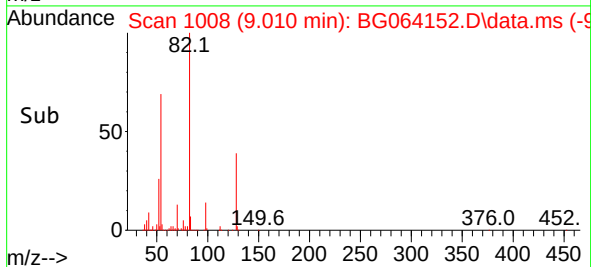
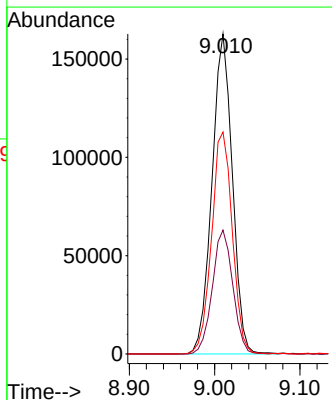
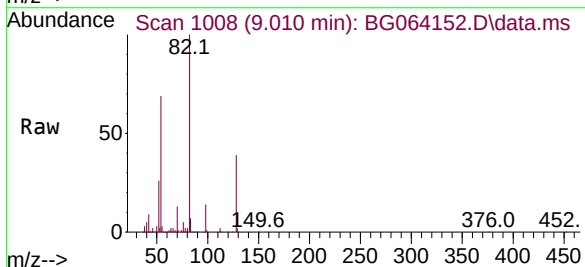
Instrument :
BNA_G
ClientSampleId :
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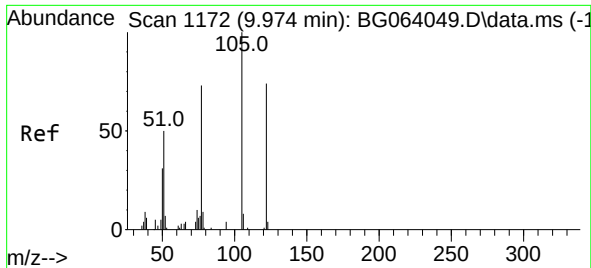
Tgt Ion:	136	Resp:	169892
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	11.6	9.9	14.9
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 87.724 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

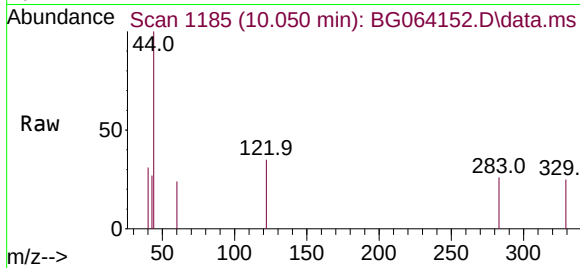
Tgt Ion:	82	Resp:	269691
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.0	45.0
54	69.3	54.7	82.1



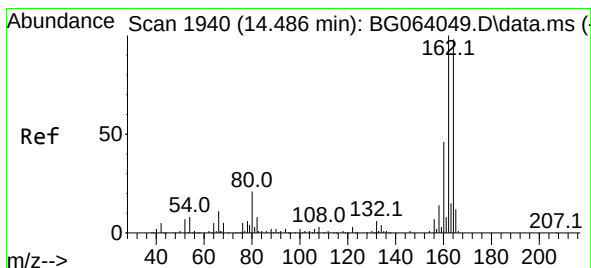
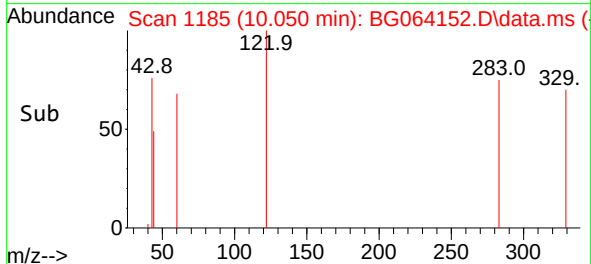
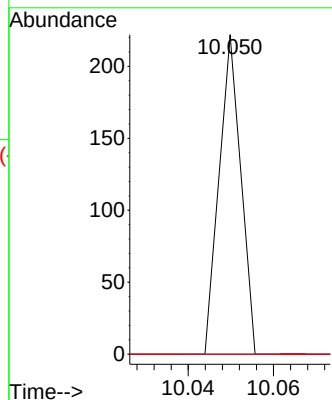


#32
Benzoic acid
Concen: 8.727 ng
RT: 10.050 min Scan# 1172
Delta R.T. 0.076 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Instrument :
BNA_G
ClientSampleId :
RT5358

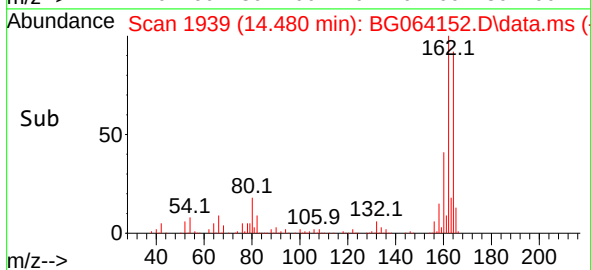
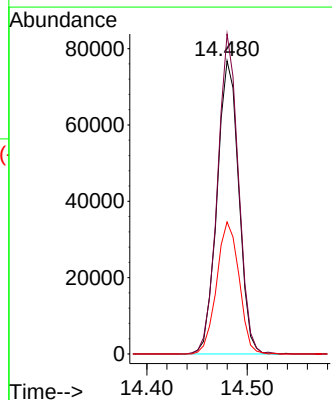
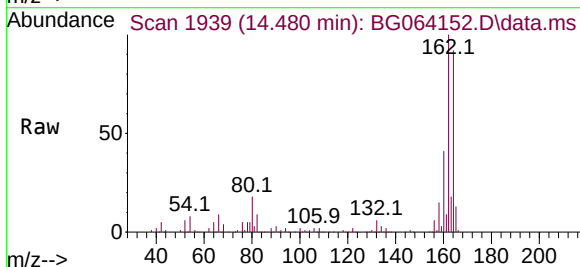


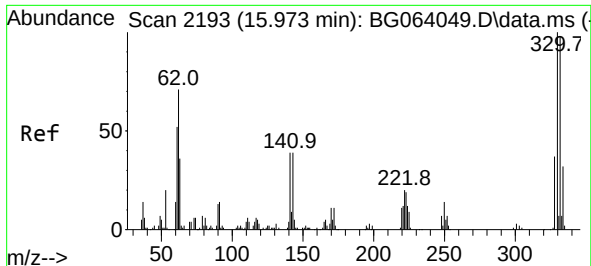
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:164 Resp: 115170
Ion Ratio Lower Upper
164 100
162 109.2 81.4 122.0
160 45.0 37.0 55.6

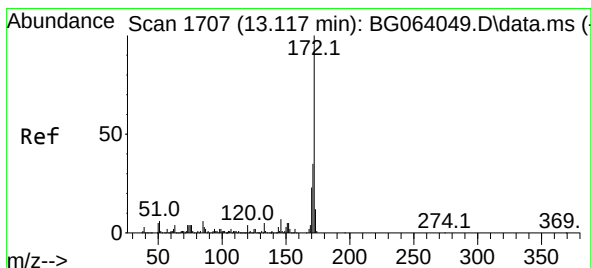
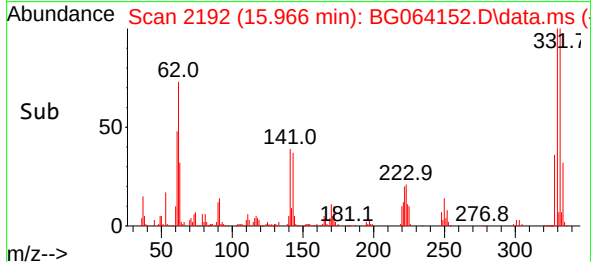
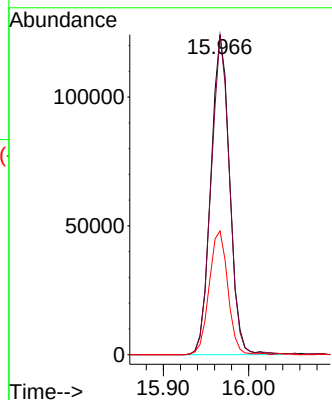
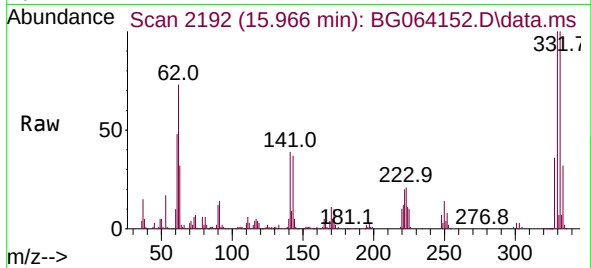




#42
2,4,6-Tribromophenol
Concen: 148.009 ng
RT: 15.966 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

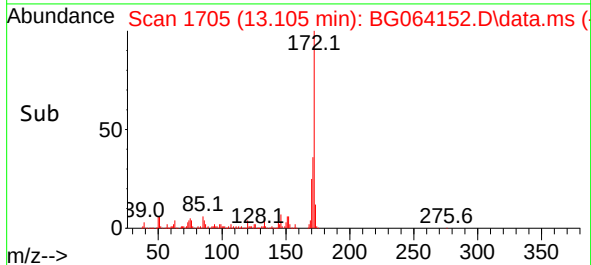
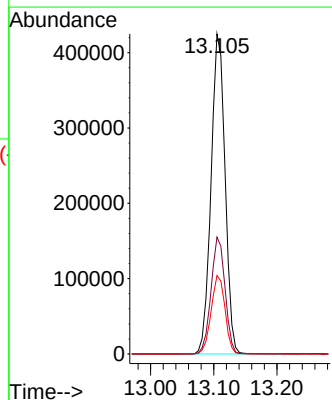
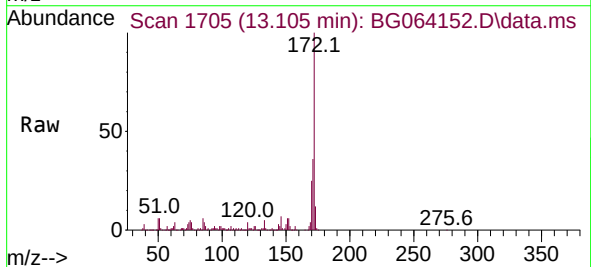
Instrument :
BNA_G
ClientSampleId :
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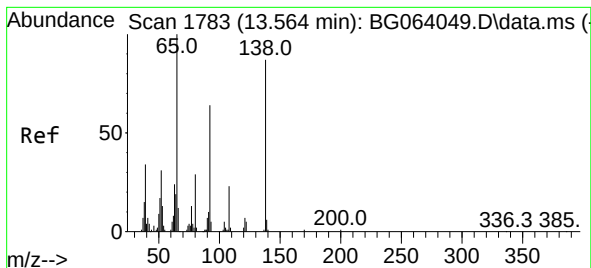
Tgt Ion:330 Resp: 189481
Ion Ratio Lower Upper
330 100
332 98.5 76.7 115.1
141 38.6 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 86.173 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:172 Resp: 653845
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.5 18.7 28.1





#48

2-Nitroaniline

Concen: 3.243 ng

RT: 13.716 min Scan# 1

Delta R.T. 0.152 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

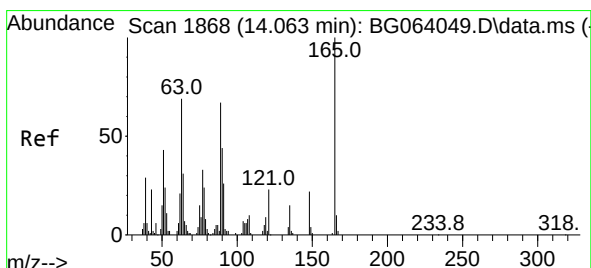
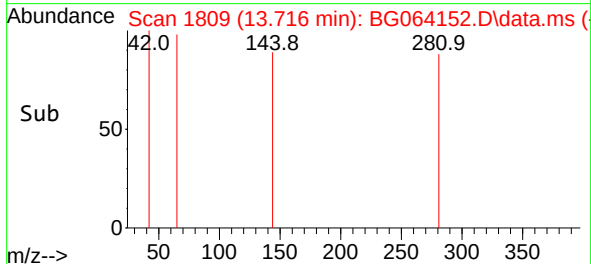
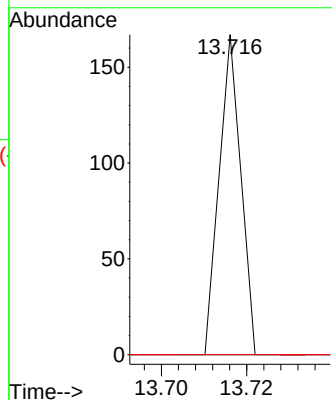
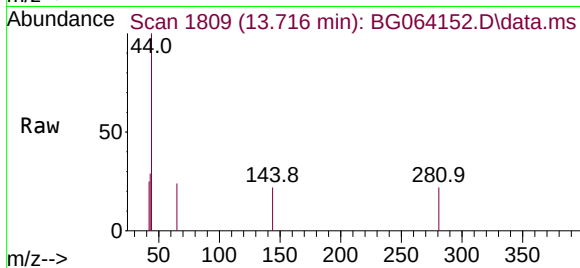
Tgt Ion: 65 Resp: 59

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: 11.882 ng

RT: 14.480 min Scan# 1939

Delta R.T. 0.417 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

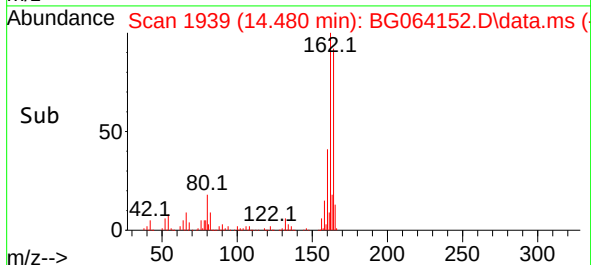
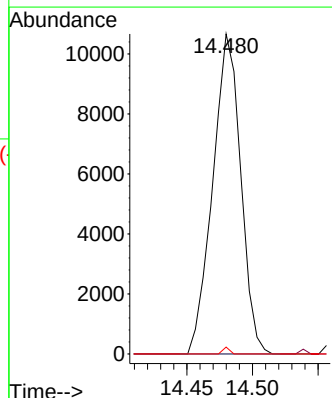
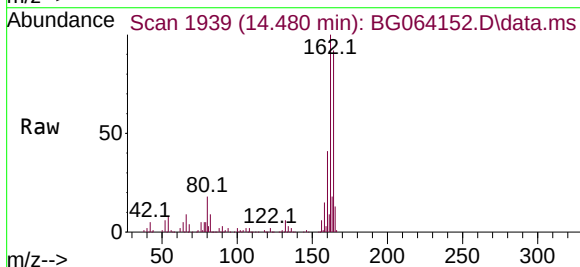
Tgt Ion:165 Resp: 15809

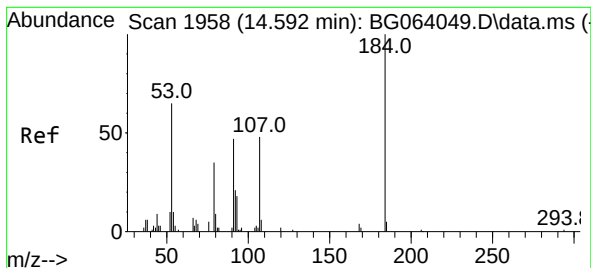
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 2.1 53.7 80.5#

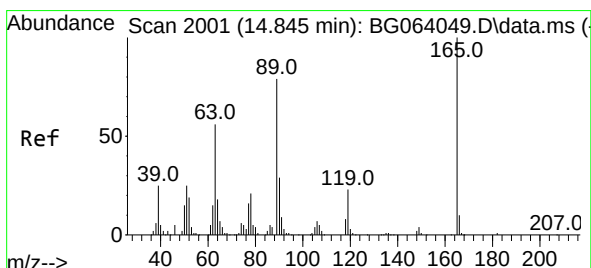
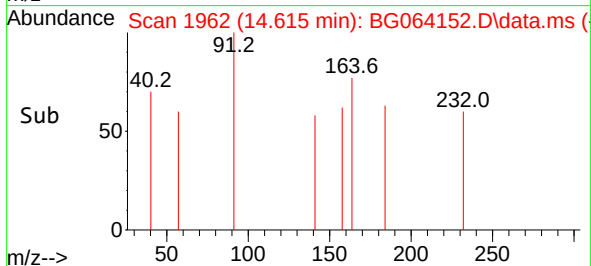
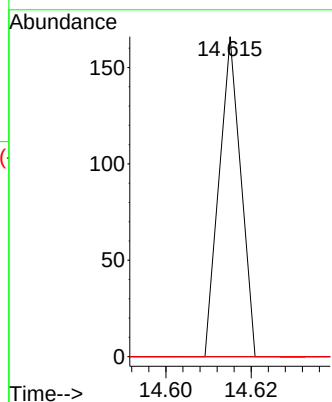
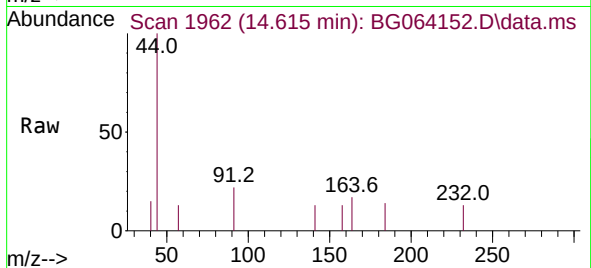




#54
2,4-Dinitrophenol
Concen: 7.956 ng
RT: 14.615 min Scan# 1962
Delta R.T. 0.023 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

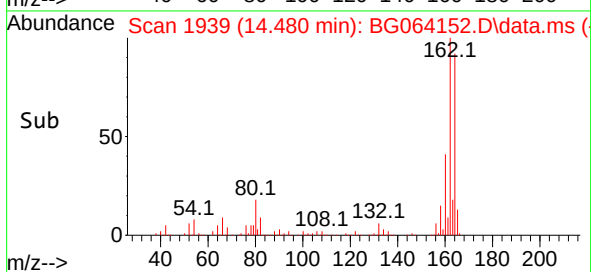
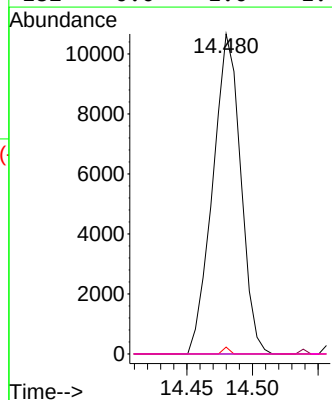
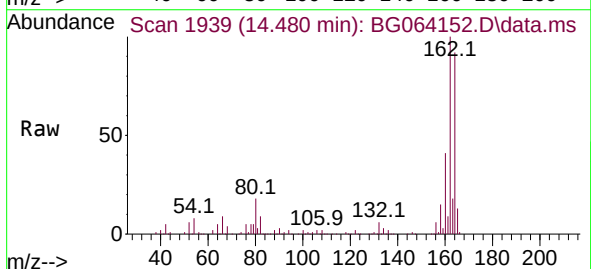
Instrument :
BNA_G
ClientSampleId :
RT5358

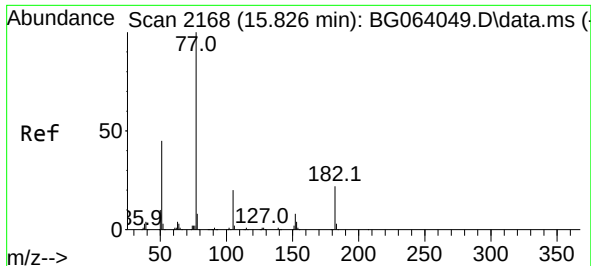
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.784 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.365 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:165 Resp: 15809
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 2.1 63.1 94.7#
182 0.0 1.0 1.4#

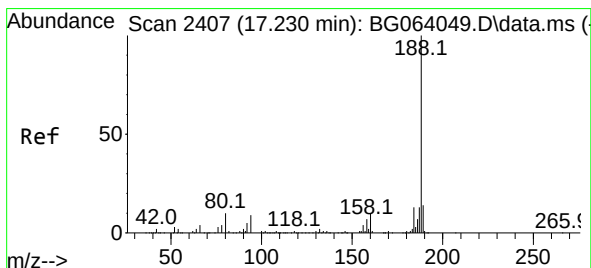
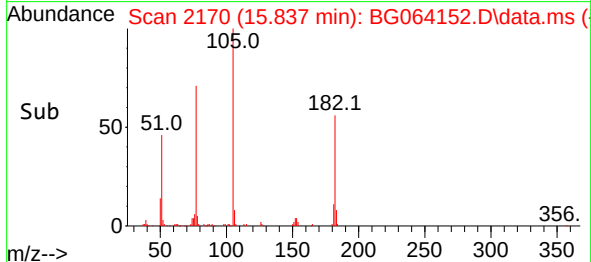
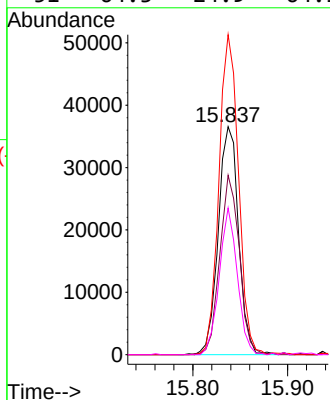
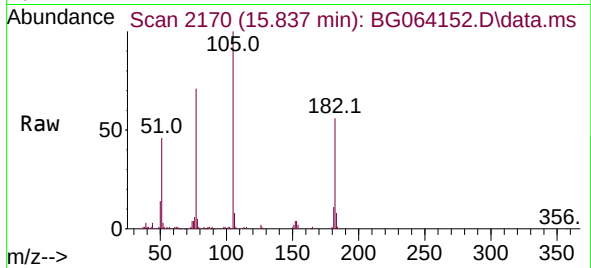




#63
Azobenzene
Concen: 5.523 ng
RT: 15.837 min Scan# 2168
Delta R.T. 0.011 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

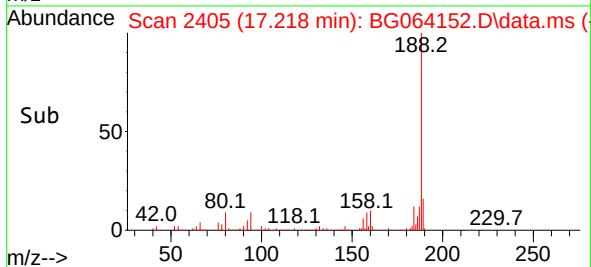
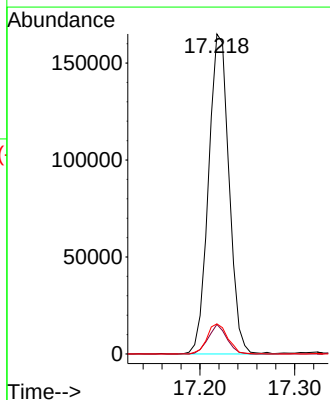
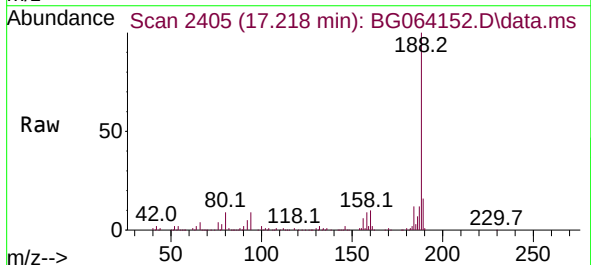
Instrument :
BNA_G
ClientSampleId :
RT5358

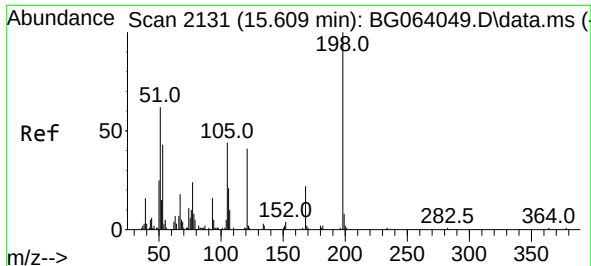
Tgt Ion: 77 Resp: 54395
Ion Ratio Lower Upper
77 100
182 78.7 2.4 42.4#
105 140.4 0.0 40.0#
51 64.3 24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion: 188 Resp: 247141
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 9.4 8.1 12.1

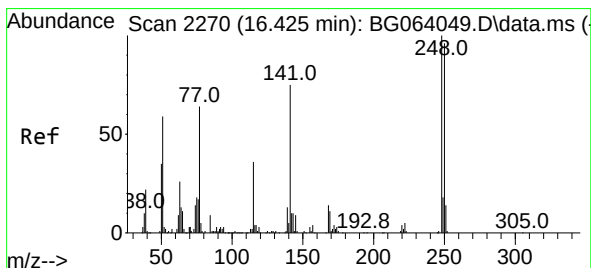
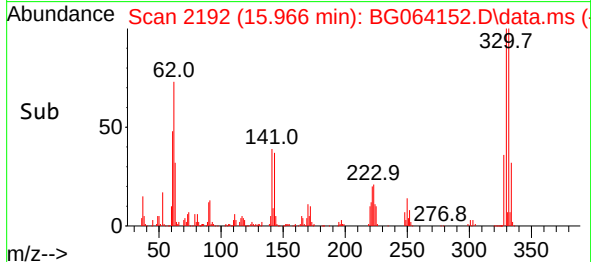
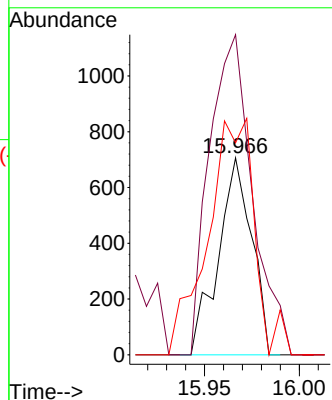
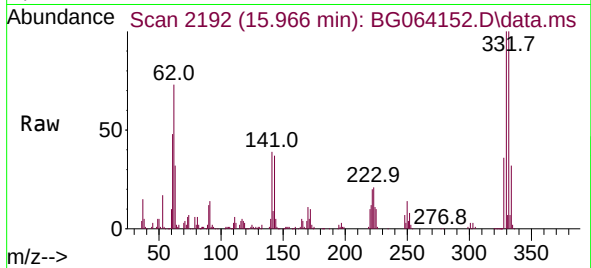




#65
4,6-Dinitro-2-methylphenol
Concen: 8.852 ng
RT: 15.966 min Scan# 2131
Delta R.T. 0.357 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

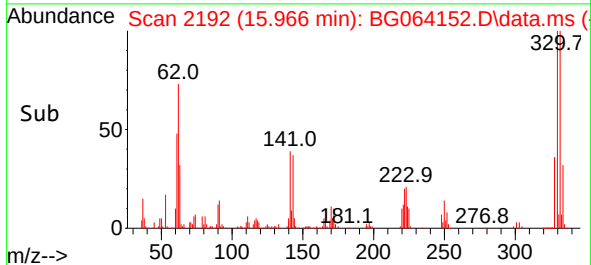
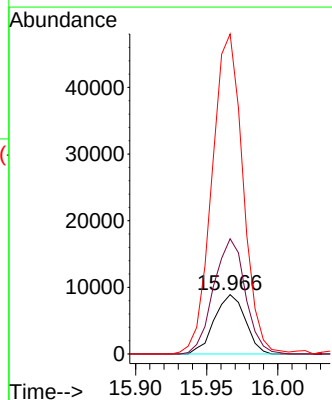
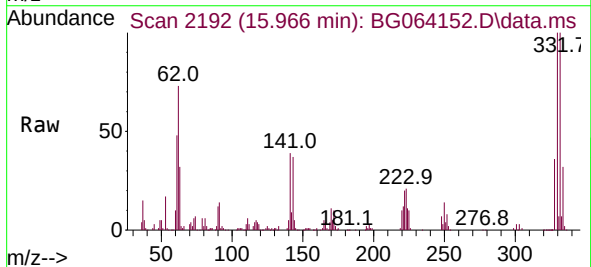
Instrument :
BNA_G
ClientSampleId :
RT5358

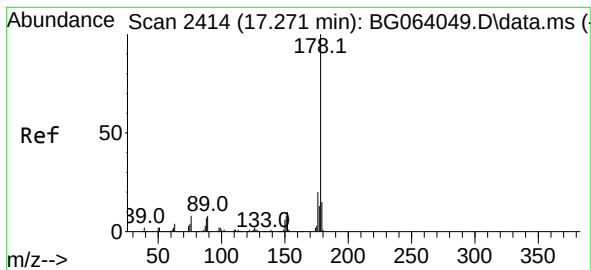
Tgt Ion:198 Resp: 867
Ion Ratio Lower Upper
198 100
51 162.6 45.6 85.6#
105 107.6 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.320 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.459 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:248 Resp: 13465
Ion Ratio Lower Upper
248 100
250 194.3 77.1 115.7#
141 539.7 59.8 89.8#





#71

Phenanthrene

Concen: 2.020 ng

RT: 17.259 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

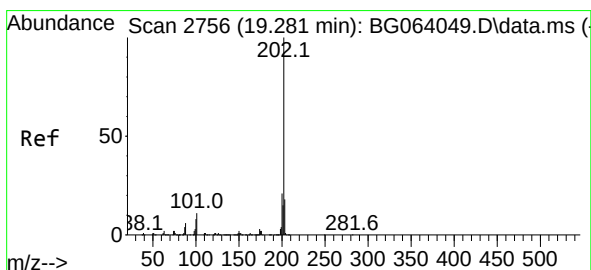
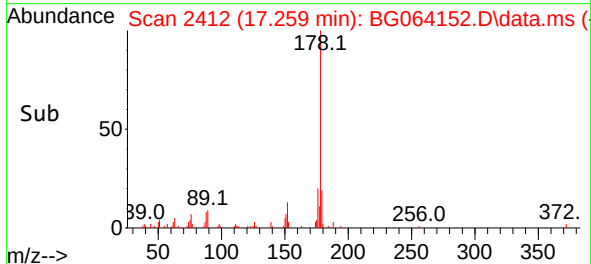
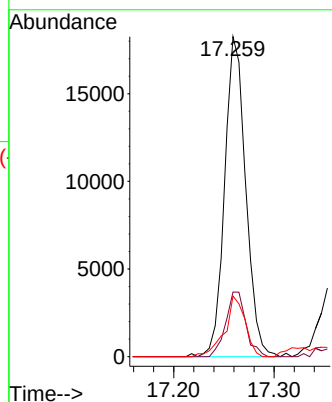
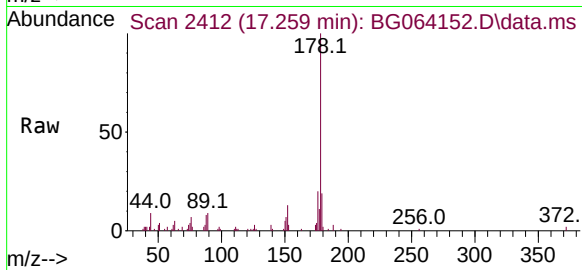
Tgt Ion:178 Resp: 26632

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 19.0 12.2 18.2#



#75

Fluoranthene

Concen: 6.543 ng

RT: 19.274 min Scan# 2755

Delta R.T. -0.006 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

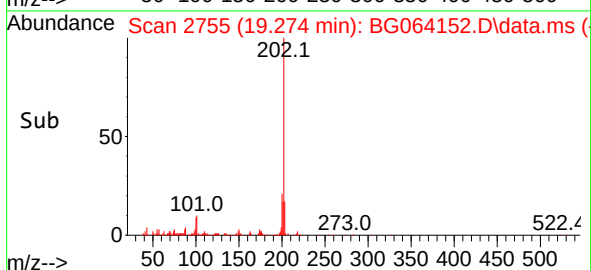
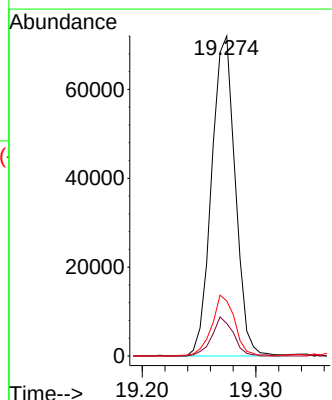
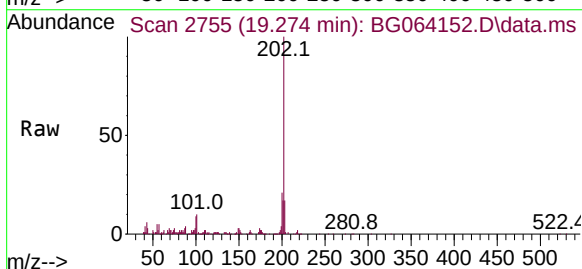
Tgt Ion:202 Resp: 103985

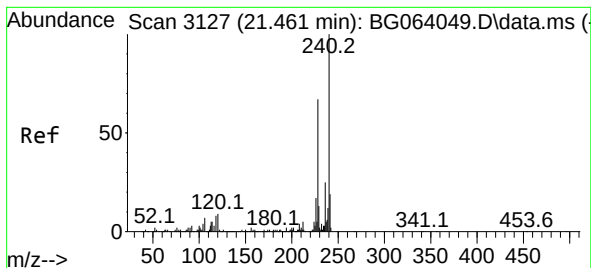
Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

203 17.2 0.0 38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

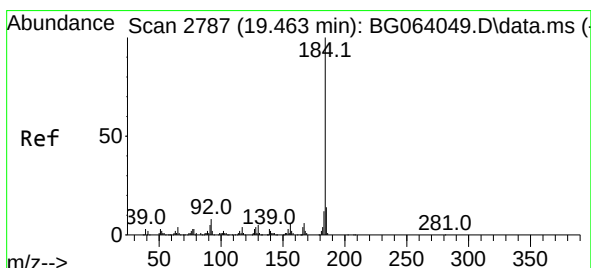
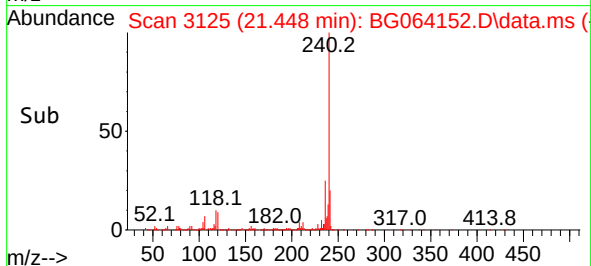
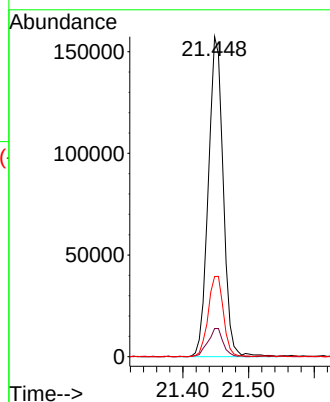
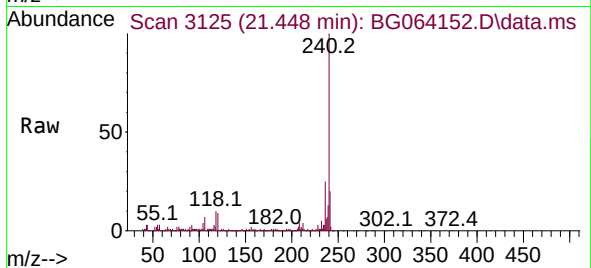
Tgt Ion:240 Resp: 248491

Ion Ratio Lower Upper

240 100

120 8.8 7.2 10.8

236 25.1 20.2 30.2



#77

Benzidine

Concen: 5.767 ng

RT: 19.844 min Scan# 2852

Delta R.T. 0.381 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

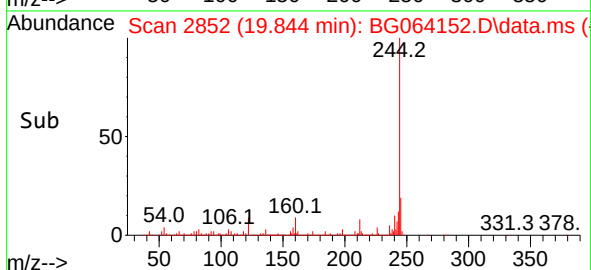
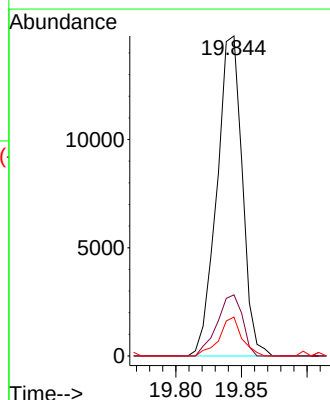
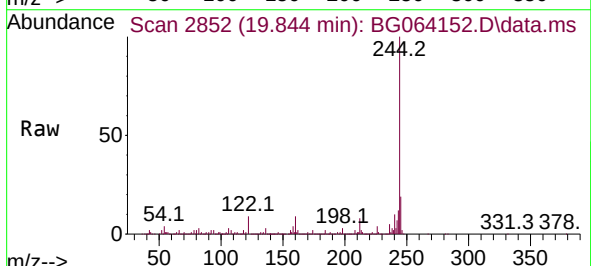
Tgt Ion:184 Resp: 19845

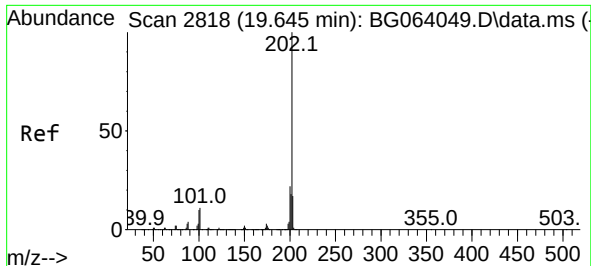
Ion Ratio Lower Upper

184 100

185 19.1 11.3 16.9#

183 12.1 9.5 14.3

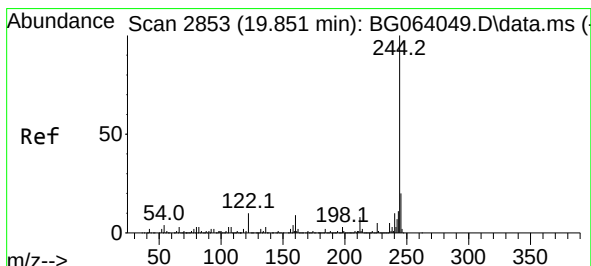
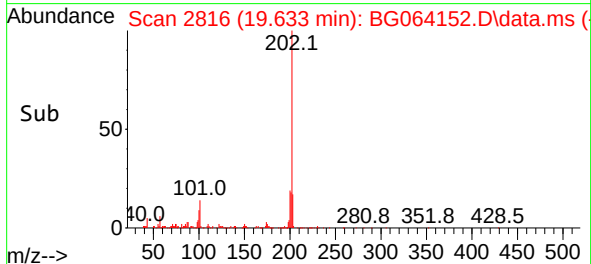
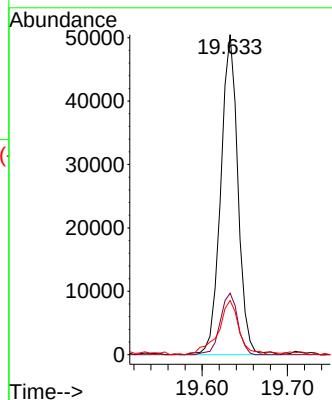
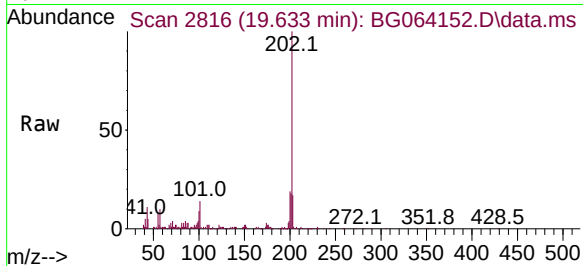




#78
 Pyrene
 Concen: 4.411 ng
 RT: 19.633 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG064152.D
 Acq: 2 Apr 2025 14:24

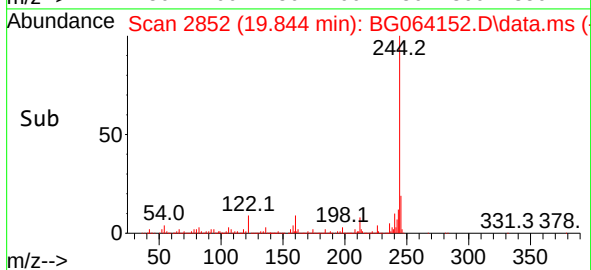
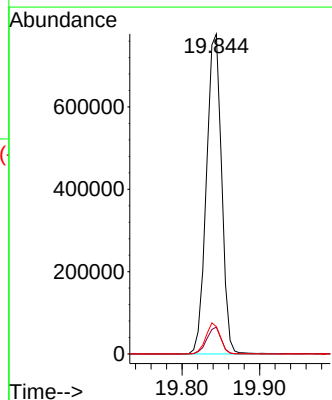
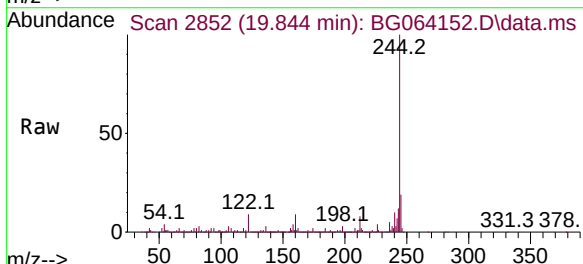
Instrument :
 BNA_G
 ClientSampleId :
 RT5358

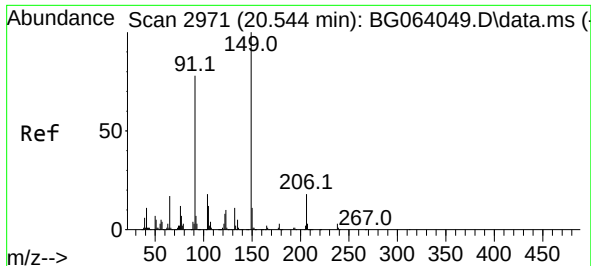
Tgt Ion:202 Resp: 70651
 Ion Ratio Lower Upper
 202 100
 200 19.2 17.3 25.9
 203 16.9 13.6 20.4



#79
 Terphenyl-d14
 Concen: 85.831 ng
 RT: 19.844 min Scan# 2852
 Delta R.T. -0.006 min
 Lab File: BG064152.D
 Acq: 2 Apr 2025 14:24

Tgt Ion:244 Resp: 1054816
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.4
 122 8.5 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.788 ng

RT: 20.532 min Scan# 2969

Delta R.T. -0.012 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

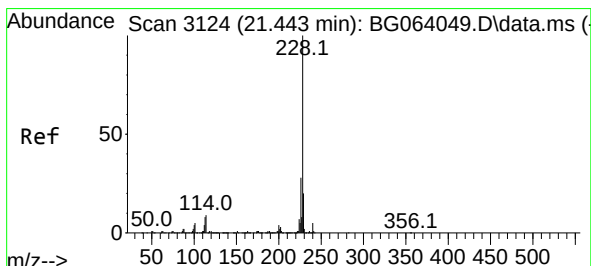
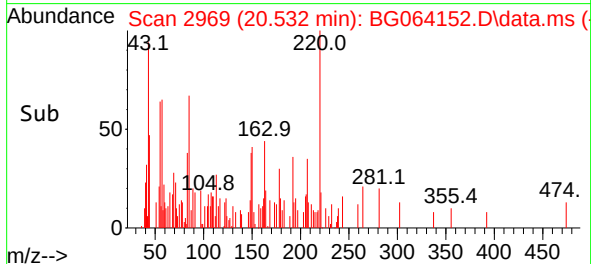
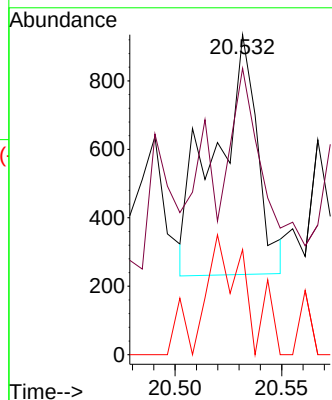
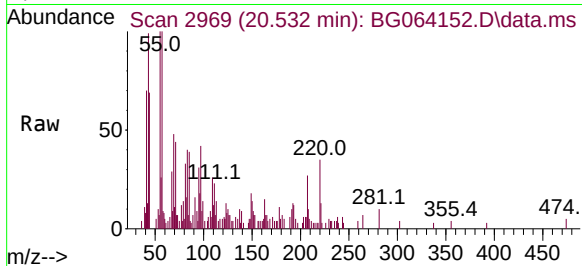
Tgt Ion:149 Resp: 979

Ion Ratio Lower Upper

149 100

91 89.5 62.0 93.0

206 32.8 14.6 21.8#



#81

Benzo(a)anthracene

Concen: 2.936 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.052 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

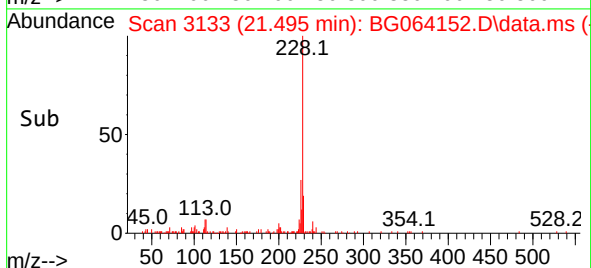
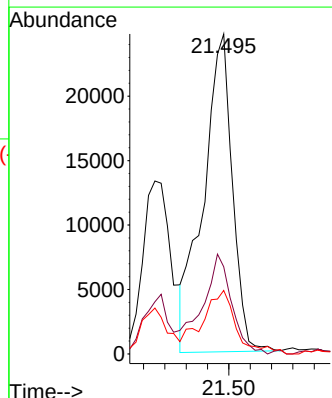
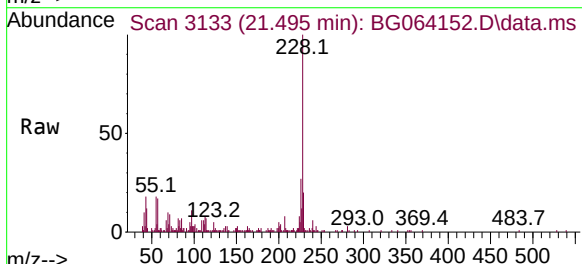
Tgt Ion:228 Resp: 46741

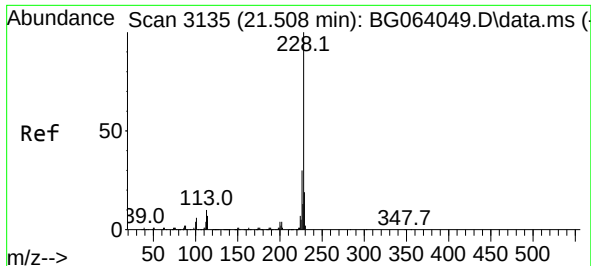
Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

229 19.9 16.4 24.6

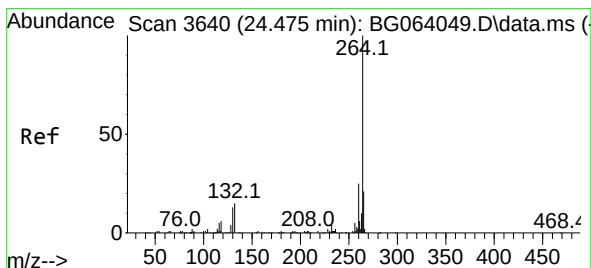
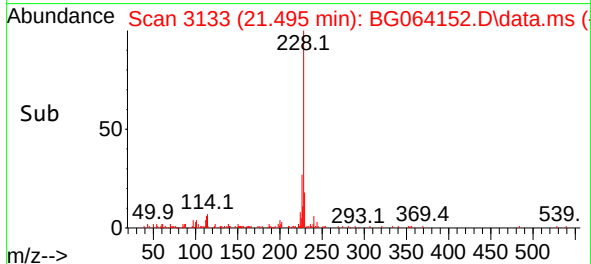
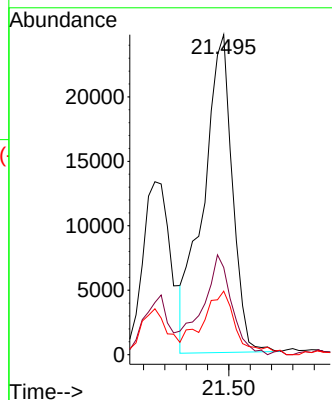
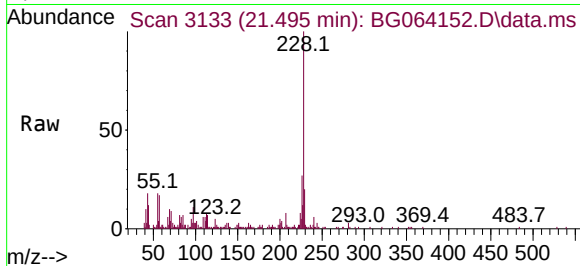




#83
Chrysene
Concen: 2.944 ng
RT: 21.495 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

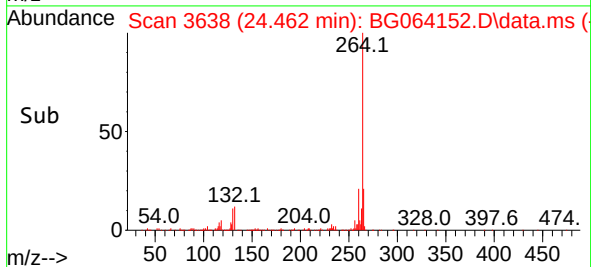
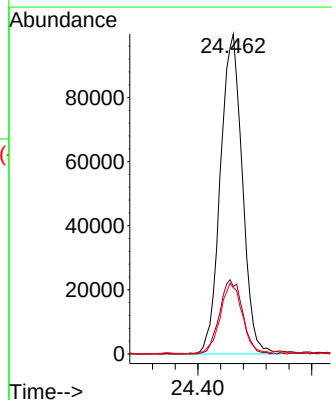
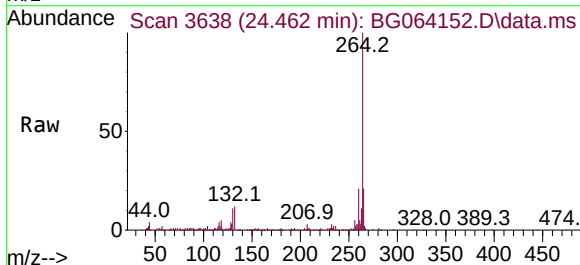
Instrument :
BNA_G
ClientSampleId :
RT5358

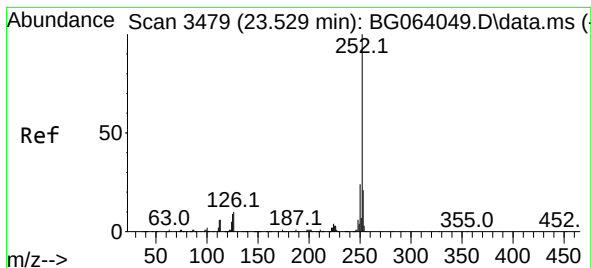
Tgt Ion:228 Resp: 46741
Ion Ratio Lower Upper
228 100
226 27.3 23.9 35.9
229 19.9 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:264 Resp: 267281
Ion Ratio Lower Upper
264 100
260 21.0 19.6 29.4
265 20.7 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 3.765 ng

RT: 23.505 min Scan# 3475

Delta R.T. -0.024 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

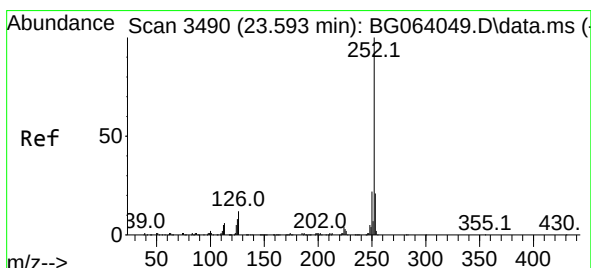
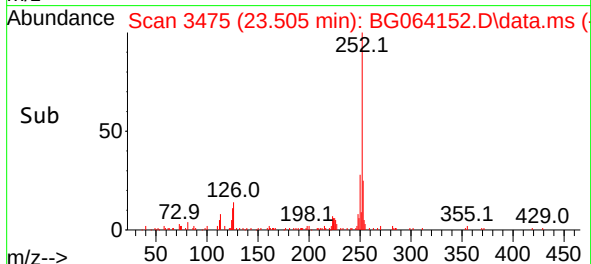
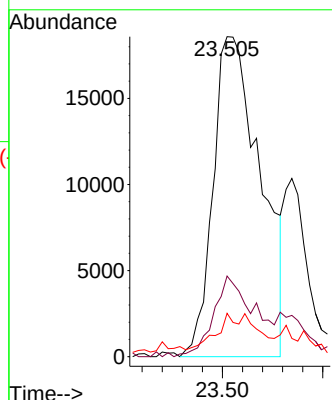
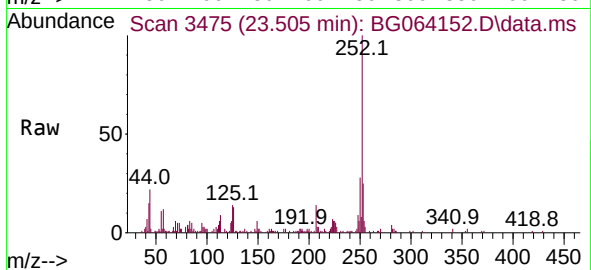
Tgt Ion:252 Resp: 60829

Ion Ratio Lower Upper

252 100

253 25.2 17.0 25.4

125 13.6 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 3.753 ng

RT: 23.505 min Scan# 3475

Delta R.T. -0.089 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Tgt Ion:252 Resp: 60829

Ion Ratio Lower Upper

252 100

253 25.2 16.8 25.2#

125 13.6 6.9 10.3#

