

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
 Data File : BG063944.D
 Acq On : 10 Jan 2025 10:00
 Operator : RC/JU
 Sample : PB165999BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB165999BL

Quant Time: Jan 10 11:12:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 23:17:54 2025
 Response via : Initial Calibration

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

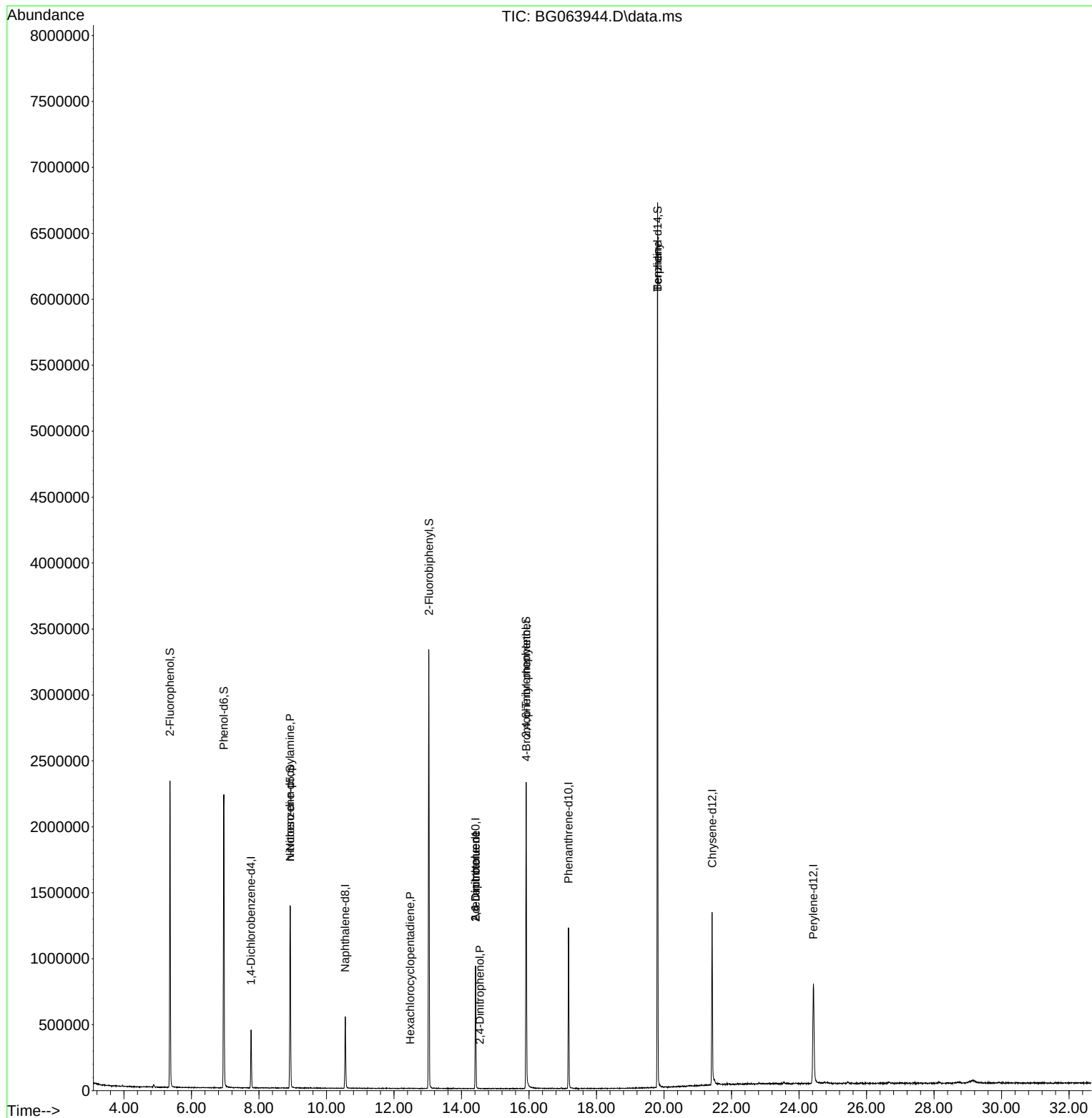
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.765	152	114679	20.000	ng	-0.03
21) Naphthalene-d8	10.556	136	442297	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	311896	20.000	ng	-0.02
64) Phenanthrene-d10	17.171	188	736182	20.000	ng	-0.02
76) Chrysene-d12	21.425	240	793503	20.000	ng	-0.03
86) Perylene-d12	24.428	264	796013	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.362	112	970158	134.788	ng	-0.03
7) Phenol-d6	6.960	99	1320137	126.781	ng	-0.02
23) Nitrobenzene-d5	8.922	82	918626	81.813	ng	-0.03
42) 2,4,6-Tribromophenol	15.914	330	424331	112.822	ng	-0.02
45) 2-Fluorobiphenyl	13.035	172	1740579	80.847	ng	-0.02
79) Terphenyl-d14	19.809	244	3304244	82.680	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.922	70	117994	15.517	ng	# 82
41) Hexachlorocyclopentadiene	12.483	237	57	11.464	ng	# 29
51) 2,6-Dinitrotoluene	14.416	165	43220	8.517	ng	# 18
54) 2,4-Dinitrophenol	14.539	184	95	8.027	ng	# 21
57) 2,4-Dinitrotoluene	14.416	165	43220	6.067	ng	# 16
67) 4-Bromophenyl-phenylether	15.920	248	29225	3.591	ng	# 1
77) Benzidine	19.809	184	54783	4.934	ng	# 90

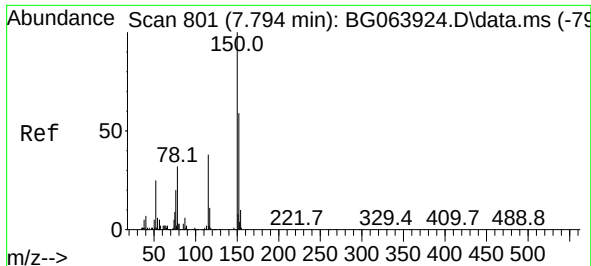
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063944.D
Acq On : 10 Jan 2025 10:00
Operator : RC/JU
Sample : PB165999BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Quant Time: Jan 10 11:12:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

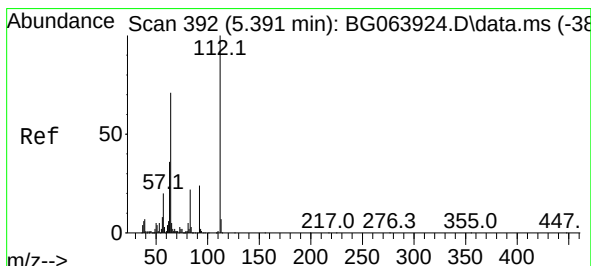
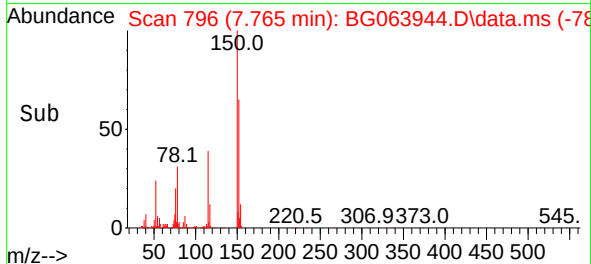
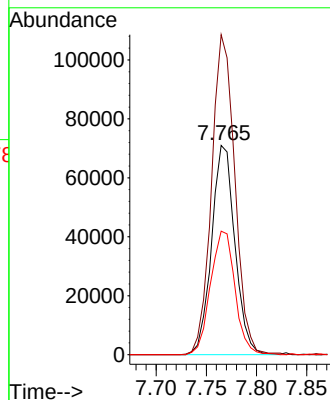
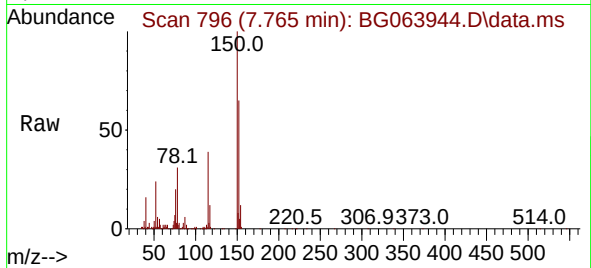




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.765 min Scan# 70
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

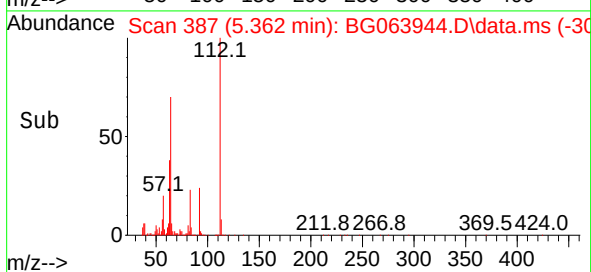
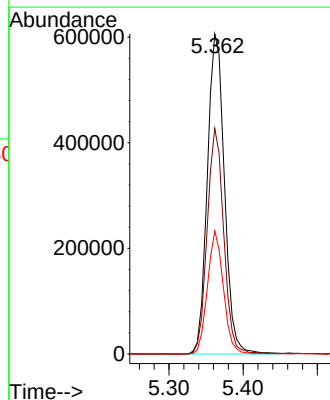
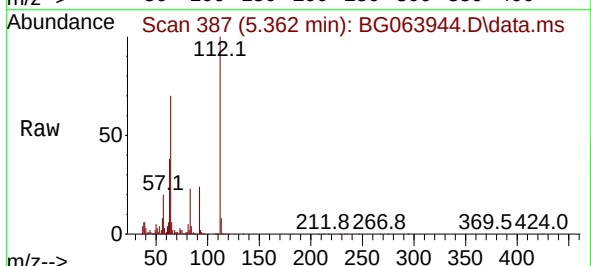
Instrument :
BNA_G
ClientSampleId :
PB165999BL

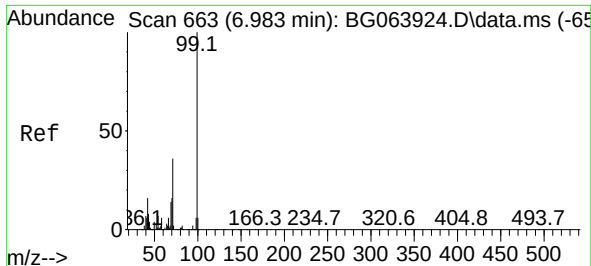
Tgt Ion:152 Resp: 114679
Ion Ratio Lower Upper
152 100
150 152.9 135.5 203.3
115 59.0 51.8 77.8



#5
2-Fluorophenol
Concen: 134.788 ng
RT: 5.362 min Scan# 387
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:112 Resp: 970158
Ion Ratio Lower Upper
112 100
64 70.5 56.6 85.0
63 38.4 29.2 43.8

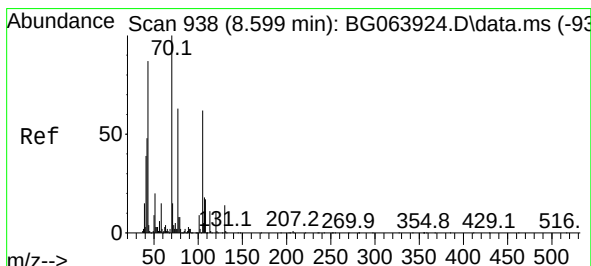
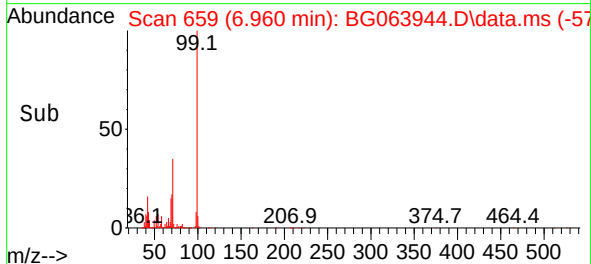
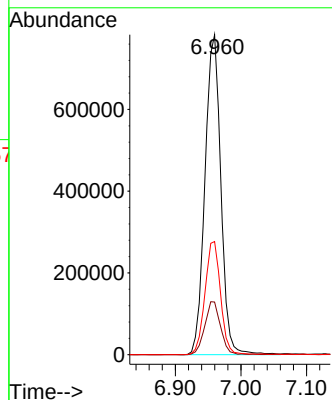
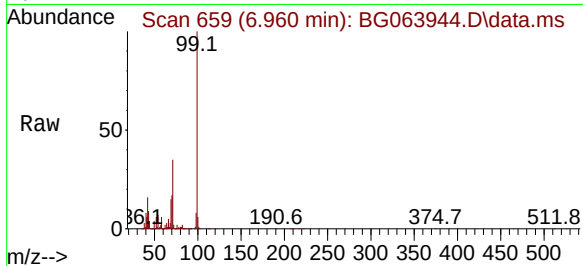




#7
Phenol-d6
Concen: 126.781 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

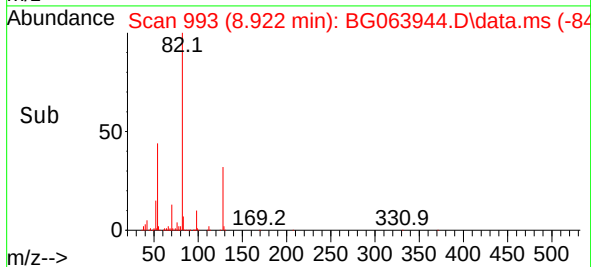
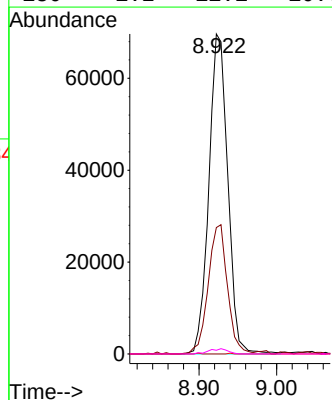
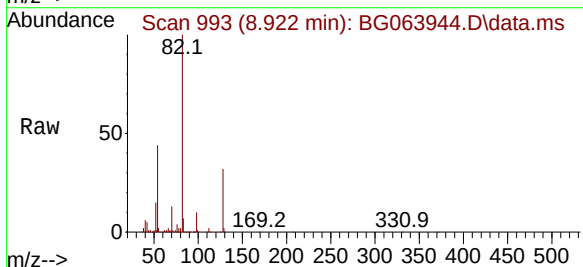
Instrument :
BNA_G
ClientSampleId :
PB165999BL

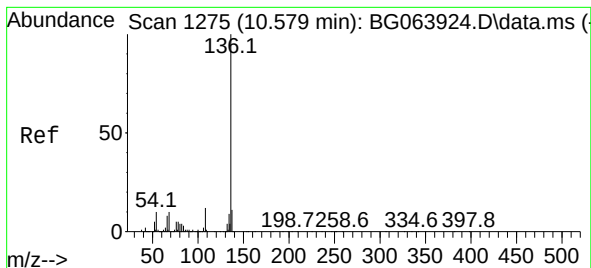
Tgt Ion: 99 Resp: 1320137
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 35.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.517 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.323 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion: 70 Resp: 117994
Ion Ratio Lower Upper
70 100
42 39.5 39.0 58.4
101 0.0 7.0 10.4#
130 1.2 11.1 16.7#

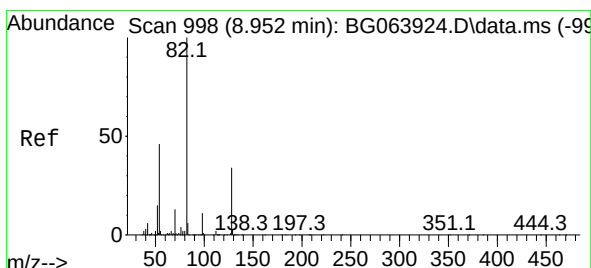
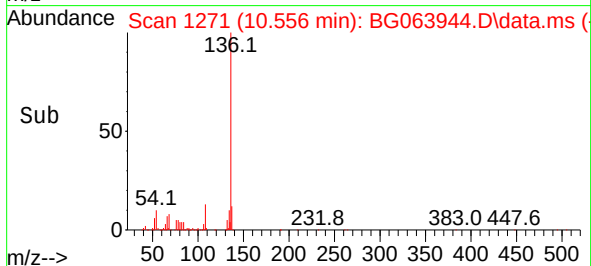
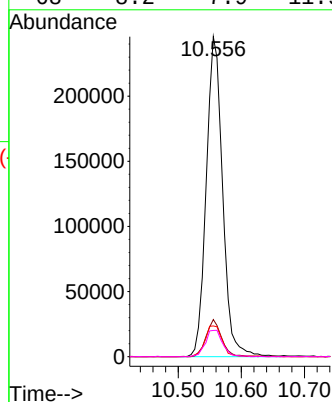
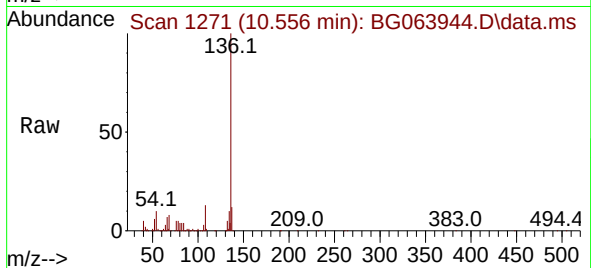




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 1271
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

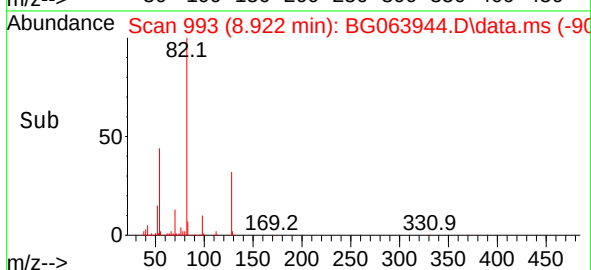
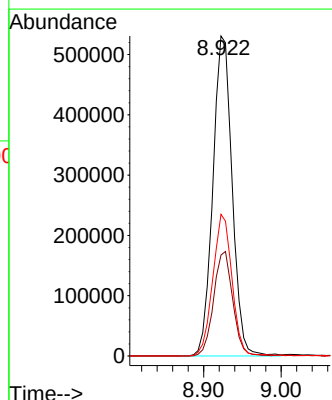
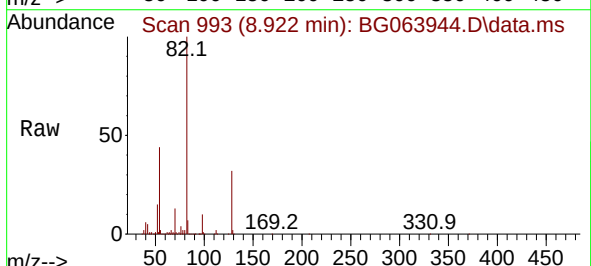
Instrument :
BNA_G
ClientSampleId :
PB165999BL

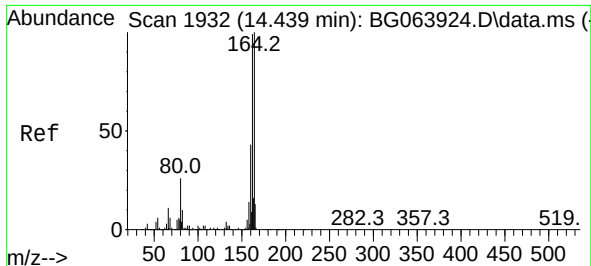
Tgt Ion:	136	Resp:	442297
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.6	8.0	12.0
68	8.2	7.9	11.9



#23
Nitrobenzene-d5
Concen: 81.813 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.030 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:	82	Resp:	918626
Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.9	40.3
54	44.2	36.7	55.1

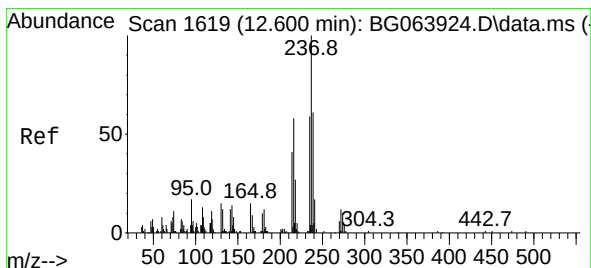
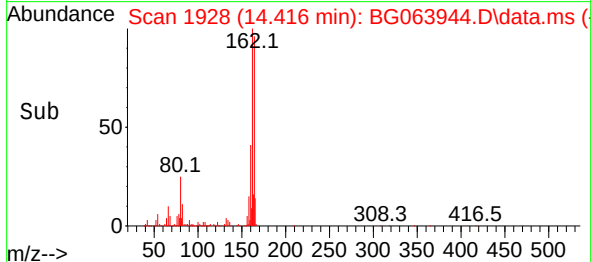
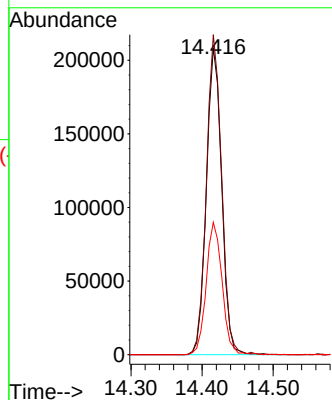
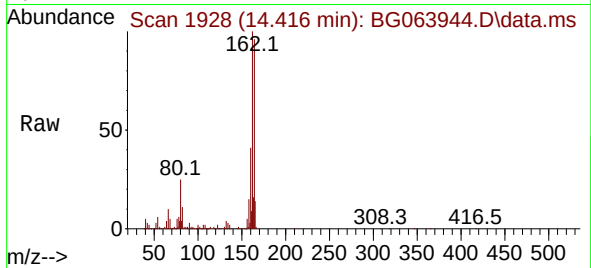




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

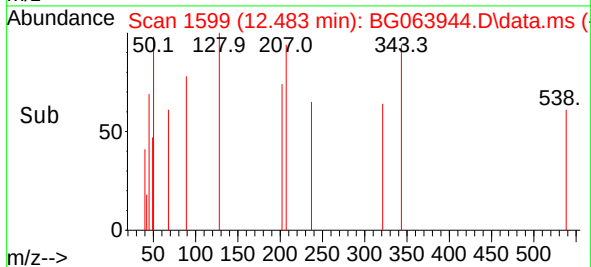
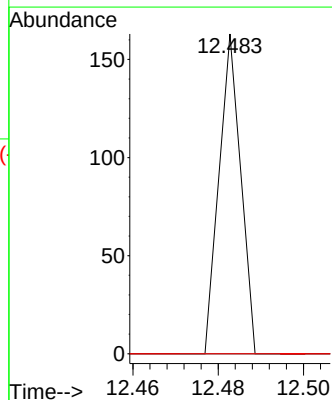
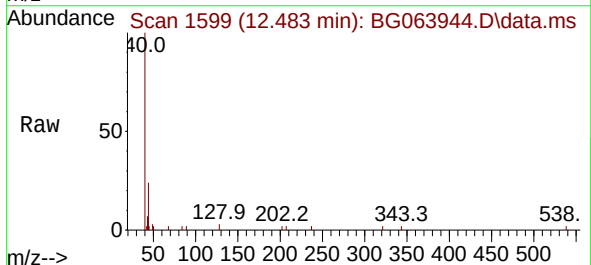
Instrument :
BNA_G
ClientSampleId :
PB165999BL

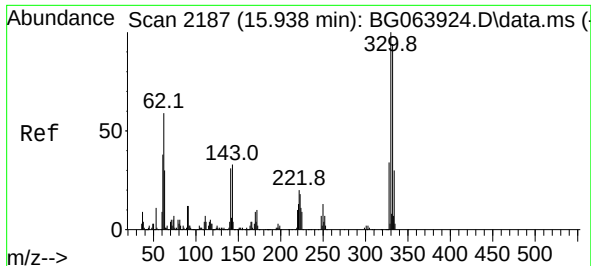
Tgt Ion:164 Resp: 311896
Ion Ratio Lower Upper
164 100
162 104.3 79.1 118.7
160 43.1 34.6 52.0



#41
Hexachlorocyclopentadiene
Concen: 11.464 ng
RT: 12.483 min Scan# 1599
Delta R.T. -0.117 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:237 Resp: 57
Ion Ratio Lower Upper
237 100
235 0.0 39.2 79.2#
272 0.0 0.0 31.6





#42

2,4,6-Tribromophenol

Concen: 112.822 ng

RT: 15.914 min Scan# 21

Delta R.T. -0.023 min

Lab File: BG063944.D

Acq: 10 Jan 2025 10:00

Instrument :

BNA_G

ClientSampleId :

PB165999BL

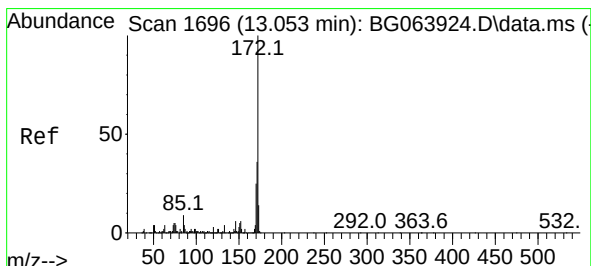
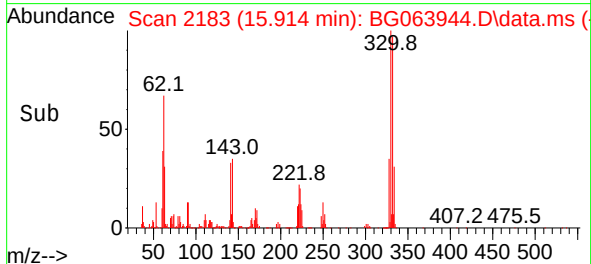
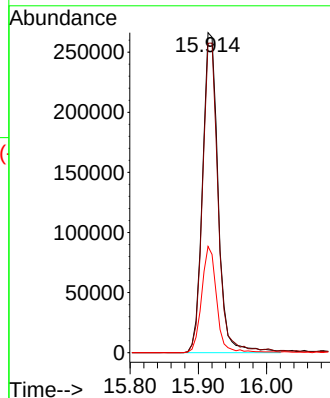
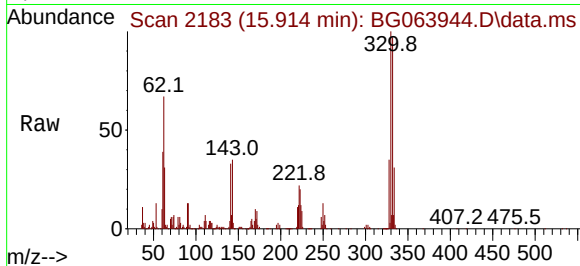
Tgt Ion:330 Resp: 424331

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

141 31.8 24.4 36.6



#45

2-Fluorobiphenyl

Concen: 80.847 ng

RT: 13.035 min Scan# 1693

Delta R.T. -0.018 min

Lab File: BG063944.D

Acq: 10 Jan 2025 10:00

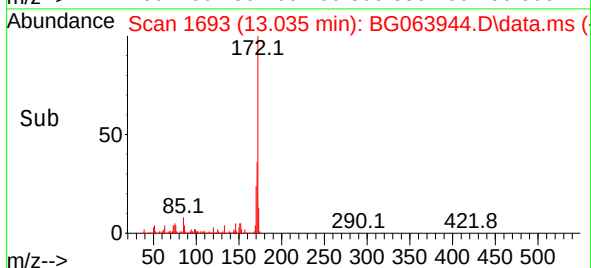
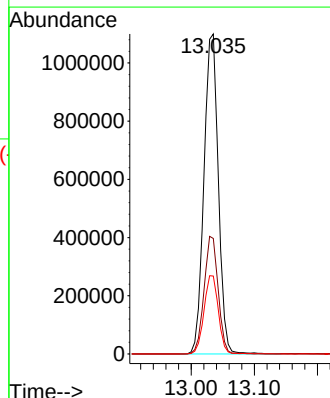
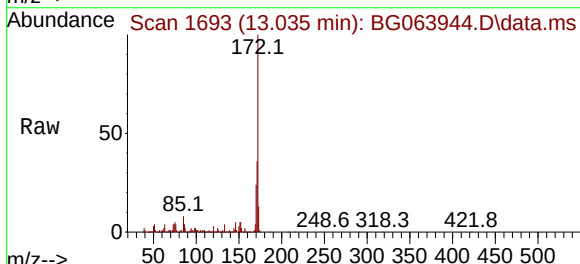
Tgt Ion:172 Resp: 1740579

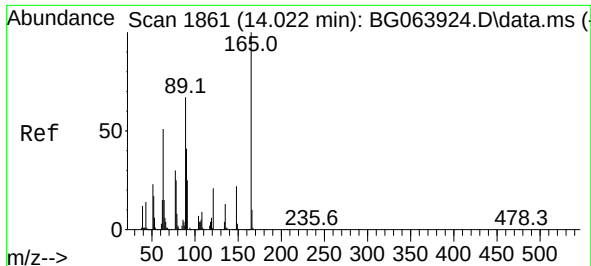
Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 24.4 20.1 30.1

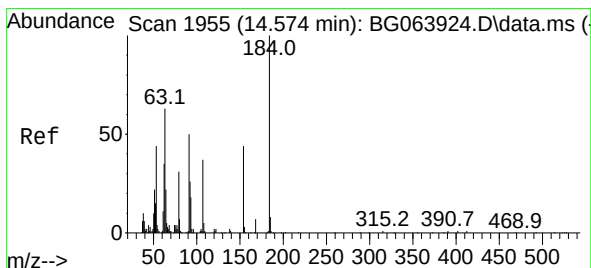
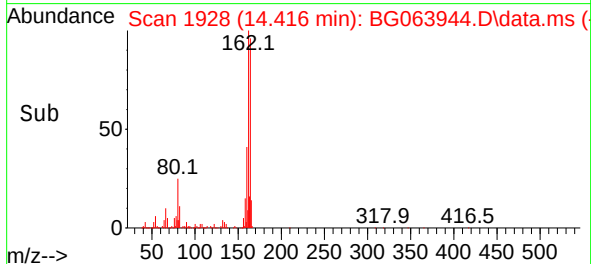
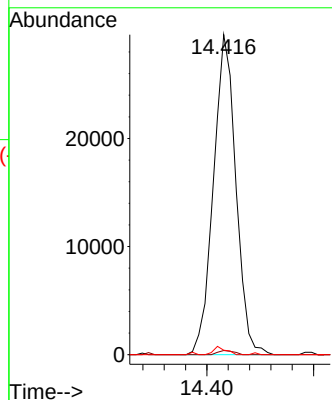
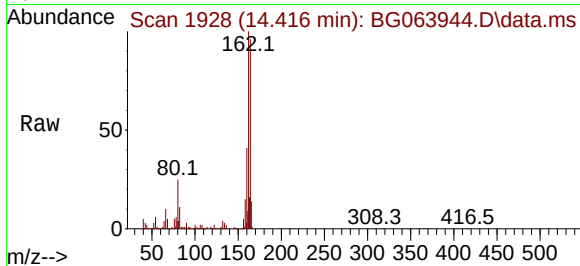




#51
2,6-Dinitrotoluene
Concen: 8.517 ng
RT: 14.416 min Scan# 1928
Delta R.T. 0.394 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

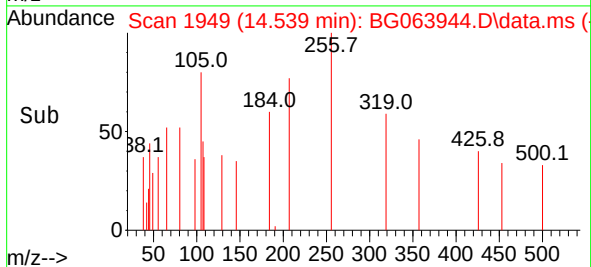
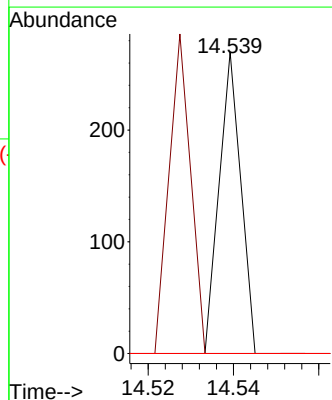
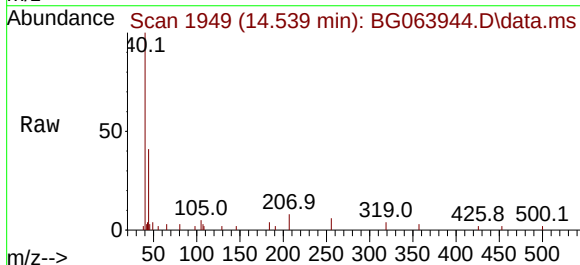
Instrument :
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PB165999BL

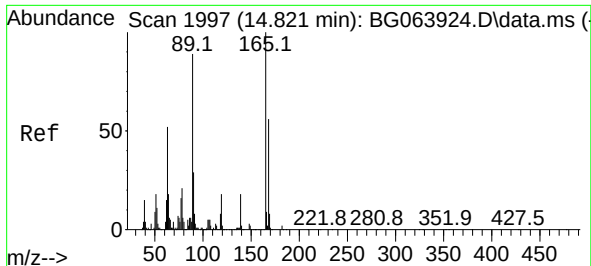
Tgt Ion:165 Resp: 43220
Ion Ratio Lower Upper
165 100
63 1.3 53.9 80.9#
89 1.4 53.8 80.8#



#54
2,4-Dinitrophenol
Concen: 8.027 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.035 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:184 Resp: 95
Ion Ratio Lower Upper
184 100
63 0.0 50.8 76.2#
154 0.0 44.2 66.2#

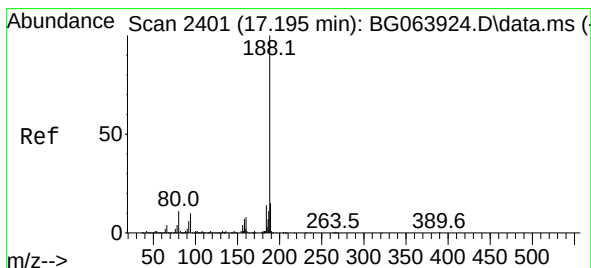
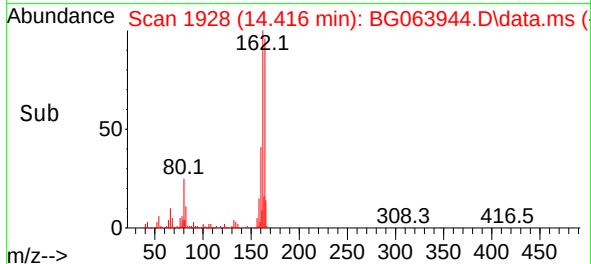
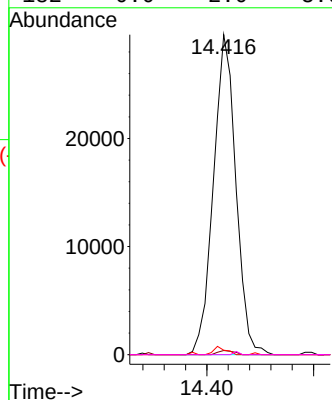
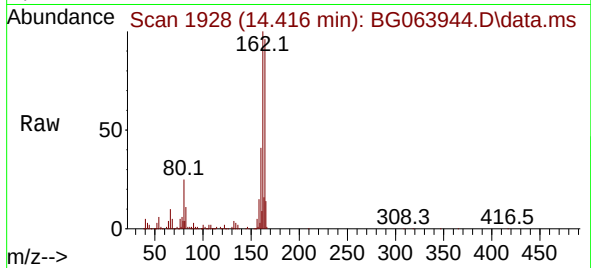




#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 14.416 min Scan# 1997
Delta R.T. -0.405 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

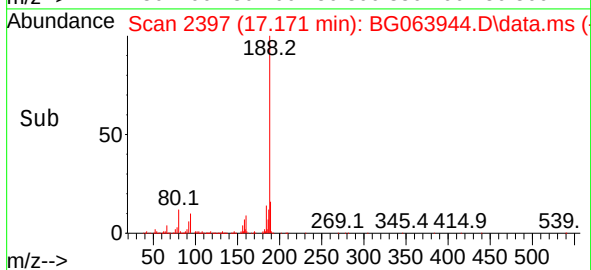
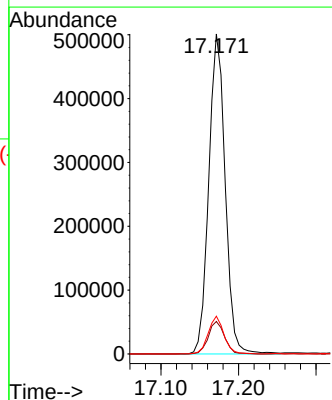
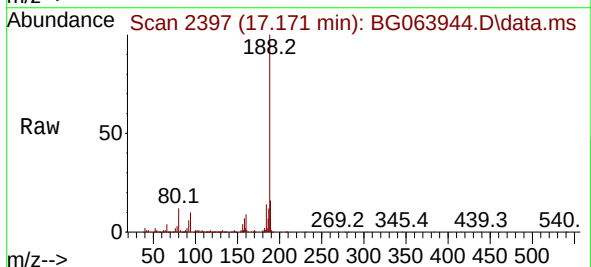
Instrument :
BNA_G
ClientSampleId :
PB165999BL

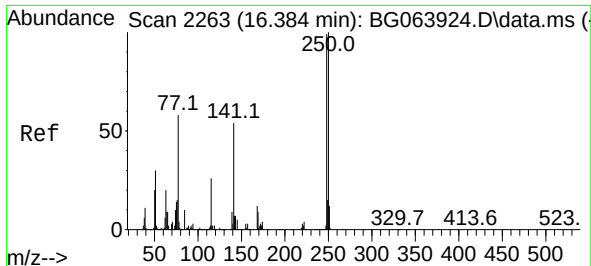
Tgt Ion:165 Resp: 43220
Ion Ratio Lower Upper
165 100
63 1.3 41.6 62.4#
89 1.4 71.0 106.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.171 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:188 Resp: 736182
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 11.8 9.1 13.7

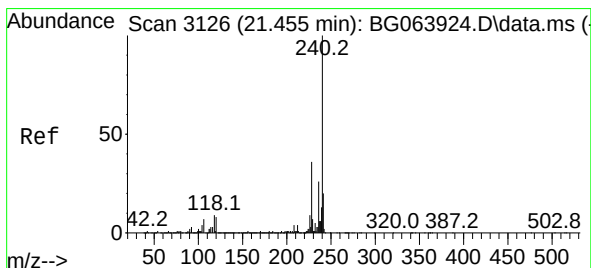
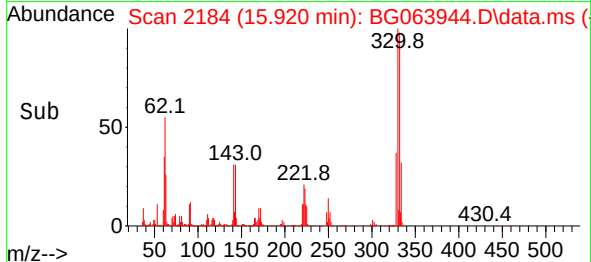
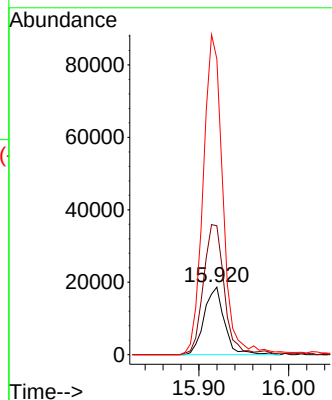
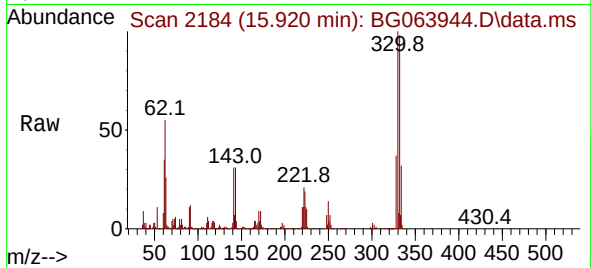




#67
4-Bromophenyl-phenylether
Concen: 3.591 ng
RT: 15.920 min Scan# 2184
Delta R.T. -0.464 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

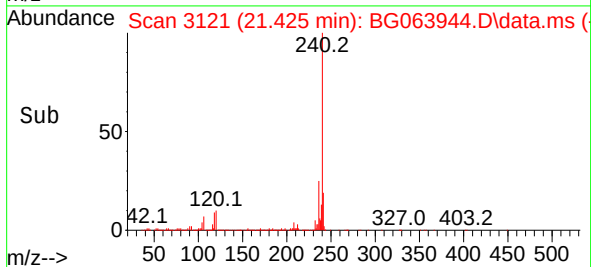
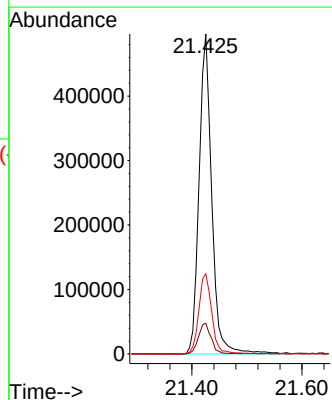
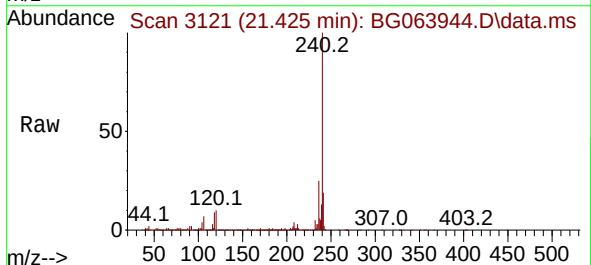
Instrument :
BNA_G
ClientSampleId :
PB165999BL

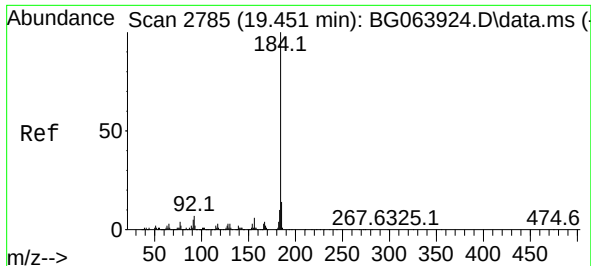
Tgt Ion:248 Resp: 29225
Ion Ratio Lower Upper
248 100
250 190.9 80.7 121.1#
141 438.3 43.3 64.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:240 Resp: 793503
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.0 21.2 31.8

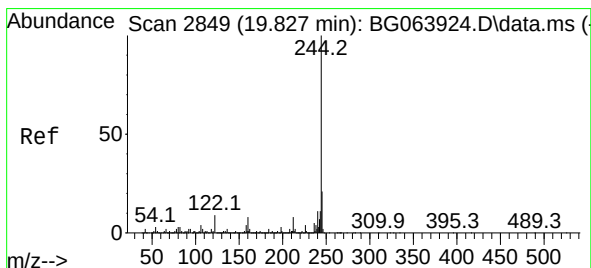
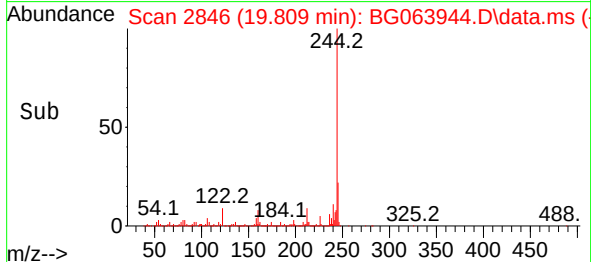
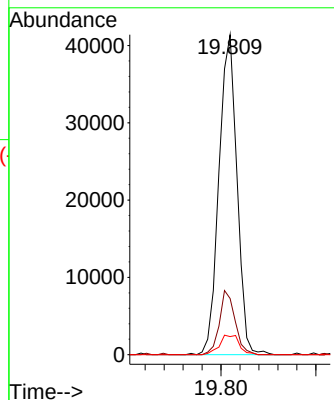
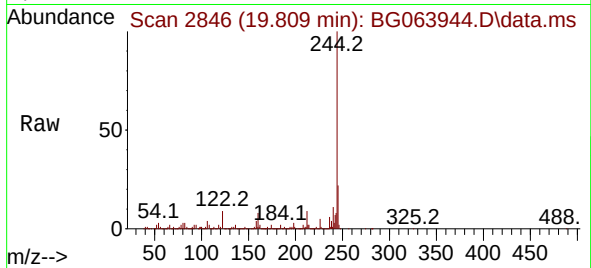




#77
Benzidine
Concen: 4.934 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.358 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

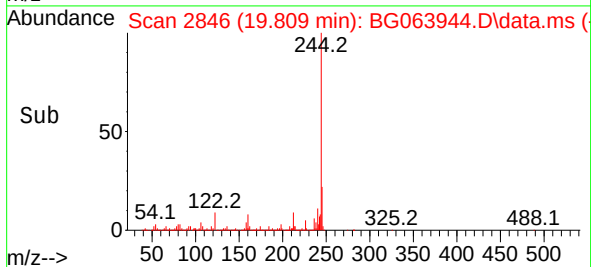
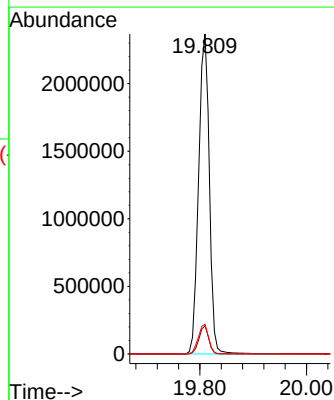
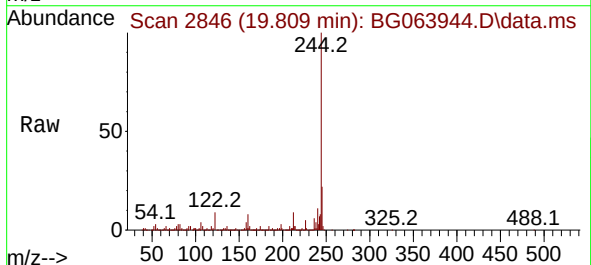
Instrument :
BNA_G
ClientSampleId :
PB165999BL

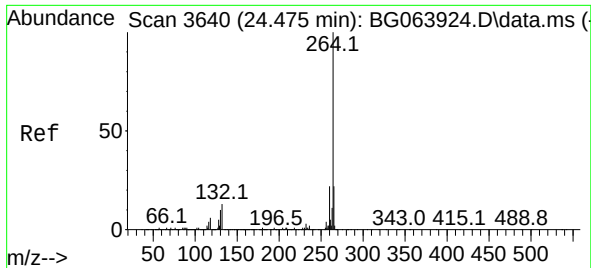
Tgt Ion:184 Resp: 54783
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.2#
183 5.6 8.4 12.6#



#79
Terphenyl-d14
Concen: 82.680 ng
RT: 19.809 min Scan# 2846
Delta R.T. -0.018 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:244 Resp: 3304244
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 9.3 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 30
Delta R.T. -0.047 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion:264 Resp: 796013
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 21.5 17.8 26.6

