

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060250.D
 Acq On : 4 Jan 2024 18:21
 Operator : MA/JU
 Sample : 06031-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-321-10-12

Quant Time: Jan 05 01:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

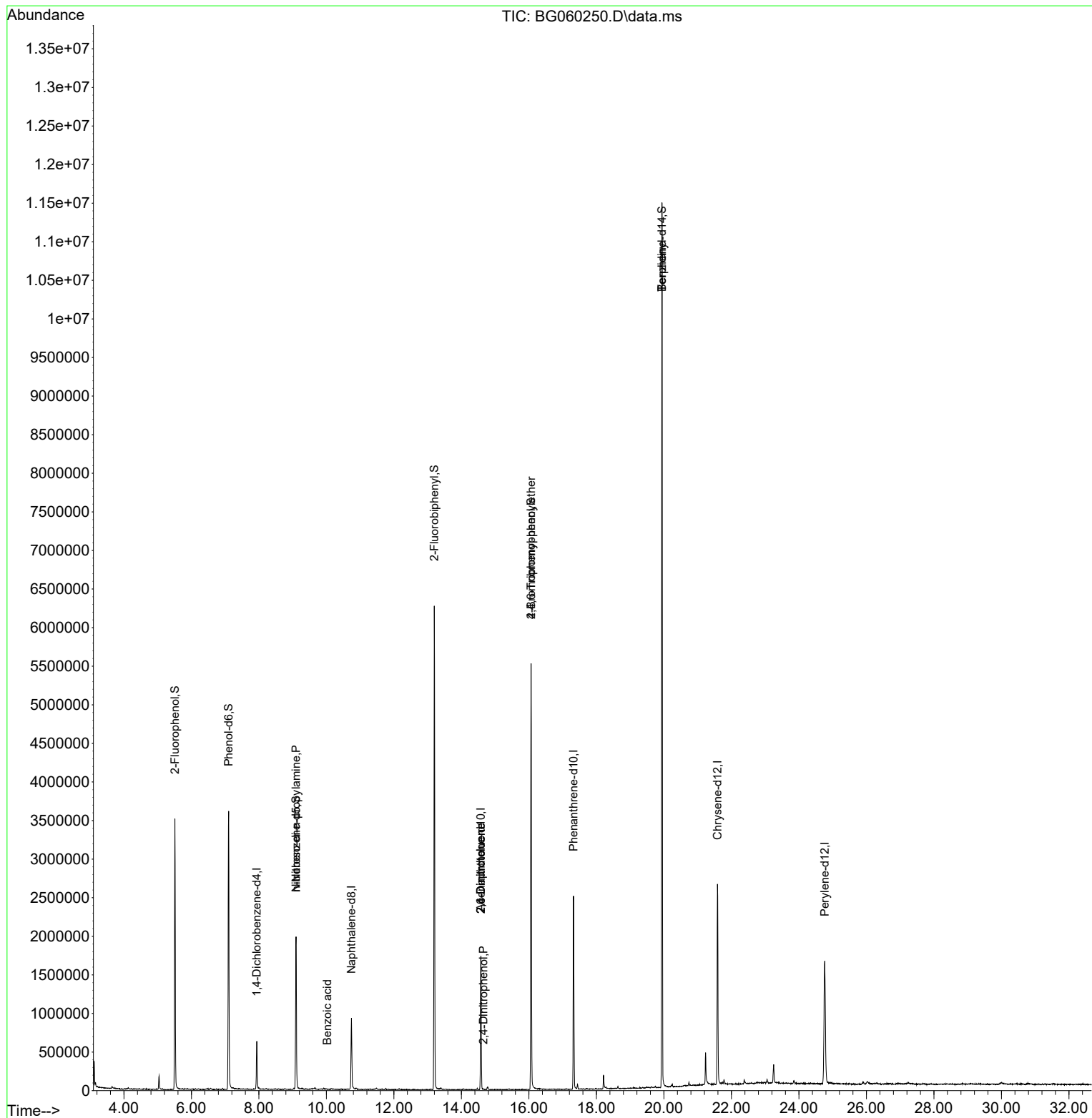
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	198404	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	811326	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	632780	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1720782	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1598785	20.000	ng	0.00
86) Perylene-d12	24.764	264	1806929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1602532	121.911	ng	0.00
7) Phenol-d6	7.103	99	2414067	123.688	ng	0.00
23) Nitrobenzene-d5	9.100	82	1339788	76.276	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1138293	134.384	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3390707	77.013	ng	0.00
79) Terphenyl-d14	19.941	244	5290714	63.619	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	159795	11.985	ng	# 83
32) Benzoic acid	10.029	122	63	10.276	ng	# 84
51) 2,6-Dinitrotoluene	14.570	165	88701	8.729	ng	# 30
54) 2,4-Dinitrophenol	14.647	184	272	8.277	ng	# 44
57) 2,4-Dinitrotoluene	14.570	165	88701	6.419	ng	# 27
67) 4-Bromophenyl-phenylether	16.063	248	68609	3.761	ng	# 1
77) Benzidine	19.941	184	93457	2.112	ng	# 87

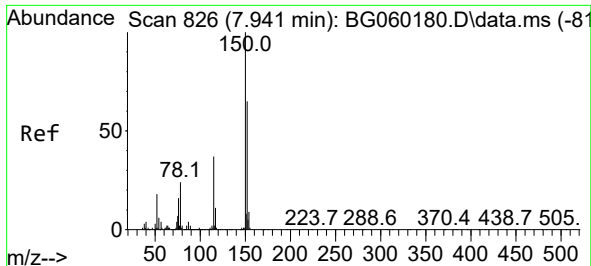
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 30 03:14:04 2023
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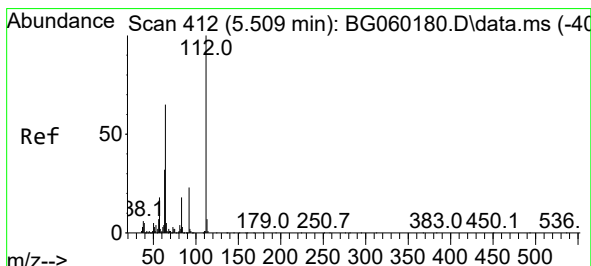
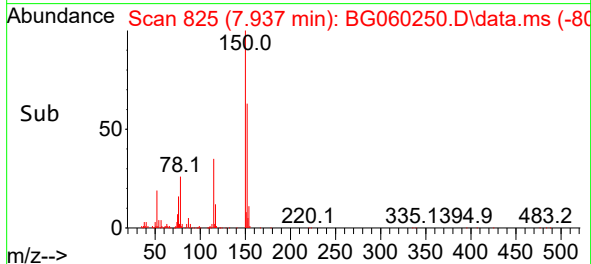
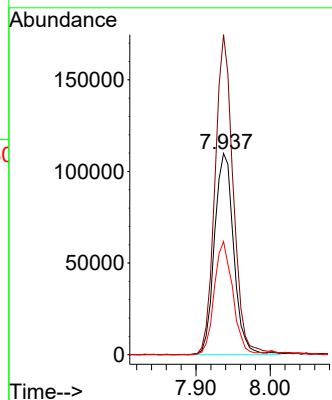
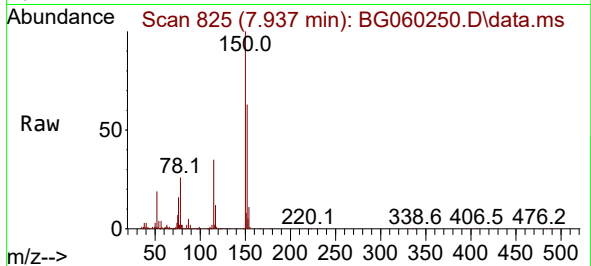




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

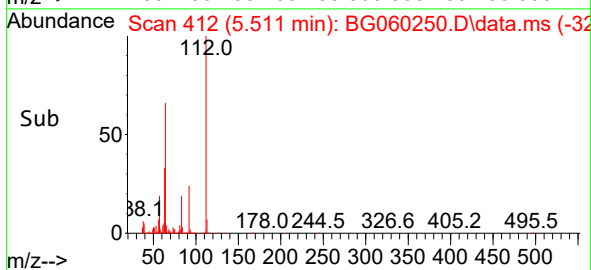
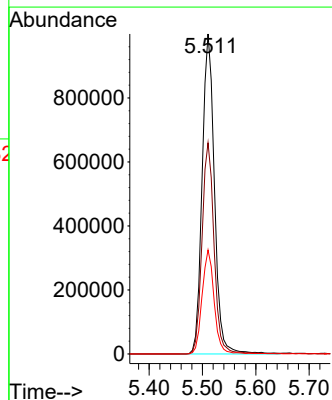
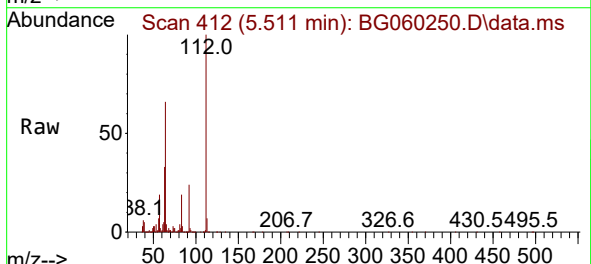
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

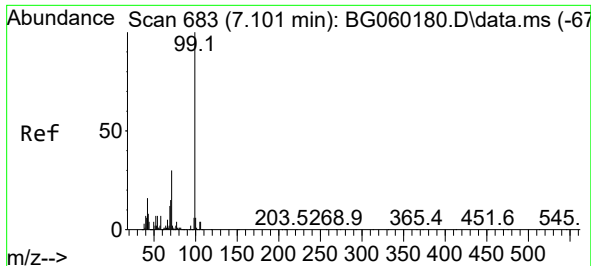
Tgt Ion:152 Resp: 198404
Ion Ratio Lower Upper
152 100
150 159.0 123.4 185.0
115 56.2 45.4 68.0



#5
2-Fluorophenol
Concen: 121.911 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:112 Resp: 1602532
Ion Ratio Lower Upper
112 100
64 66.0 52.2 78.4
63 32.5 25.4 38.0



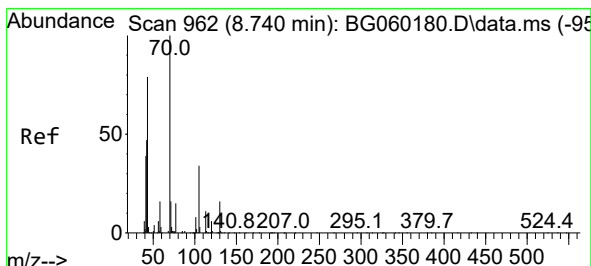
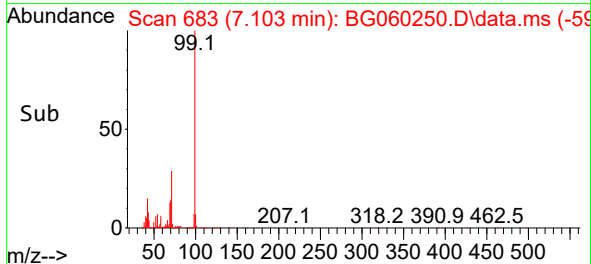
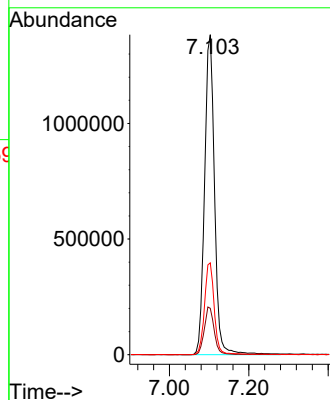
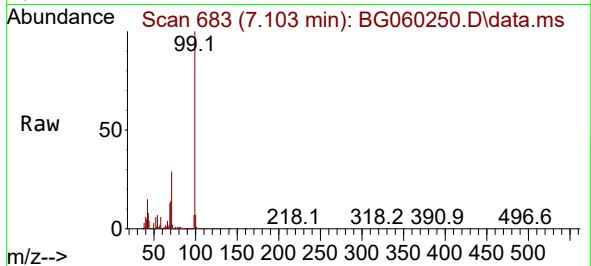


#7
Phenol-d6
Concen: 123.688 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

Tgt Ion: 99 Resp: 2414067

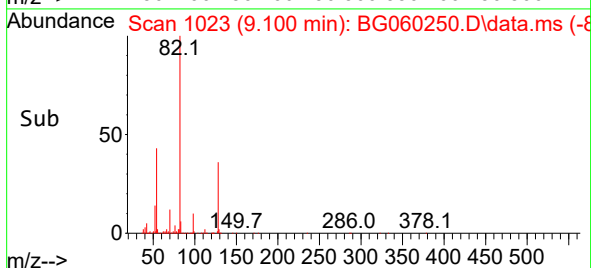
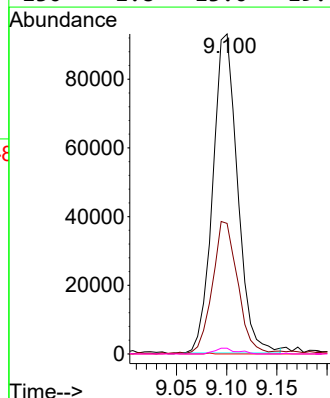
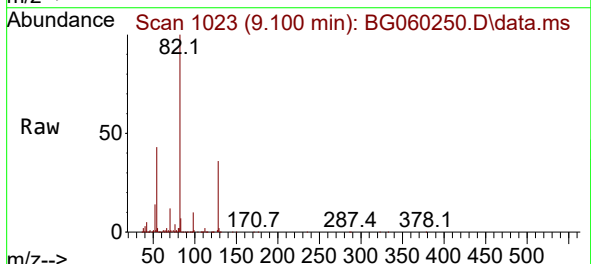
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	28.7	24.1	36.1

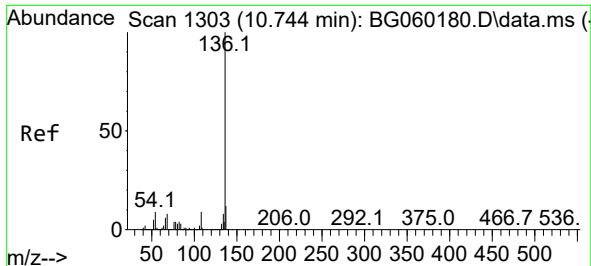


#19
n-Nitroso-di-n-propylamine
Concen: 11.985 ng
RT: 9.100 min Scan# 1023
Delta R.T. 0.360 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion: 70 Resp: 159795

Ion	Ratio	Lower	Upper
70	100		
42	40.8	37.9	56.9
101	0.0	6.2	9.2#
130	1.8	13.0	19.4#

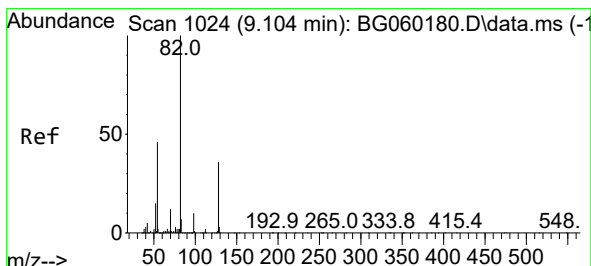
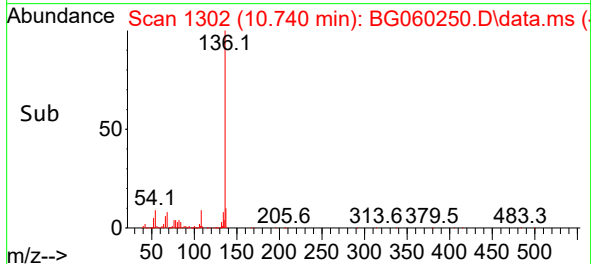
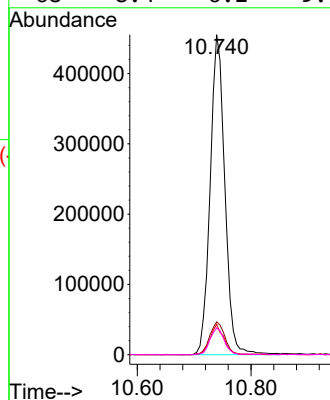
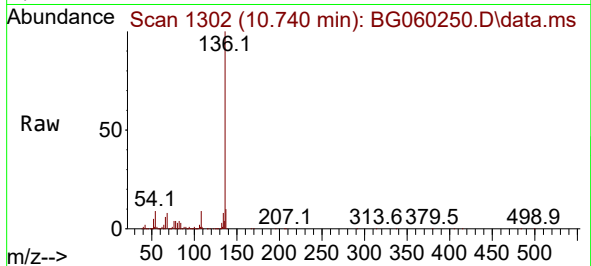




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

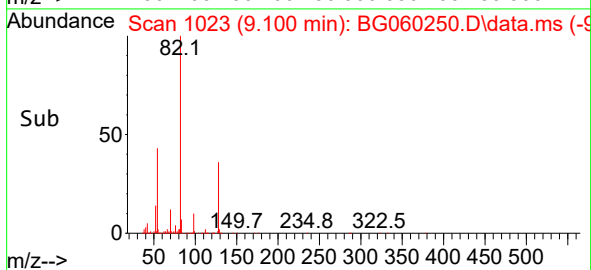
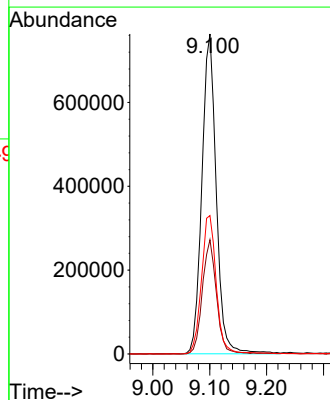
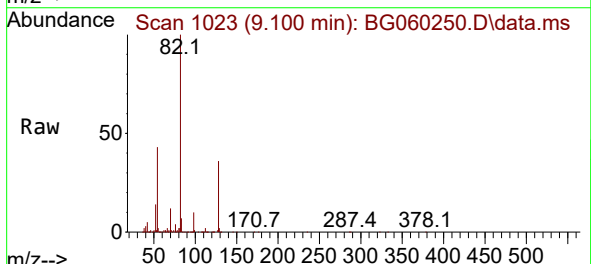
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

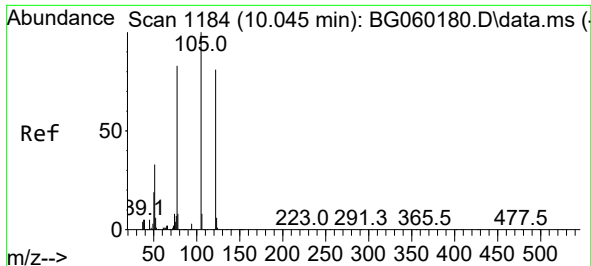
Tgt Ion:136 Resp: 811326
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.0
54 9.5 7.4 11.2
68 8.4 6.2 9.4



#23
Nitrobenzene-d5
Concen: 76.276 ng
RT: 9.100 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion: 82 Resp: 1339788
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 43.3 36.9 55.3

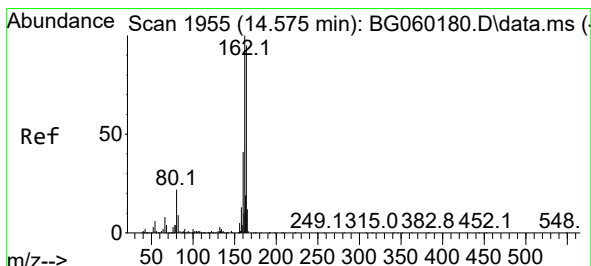
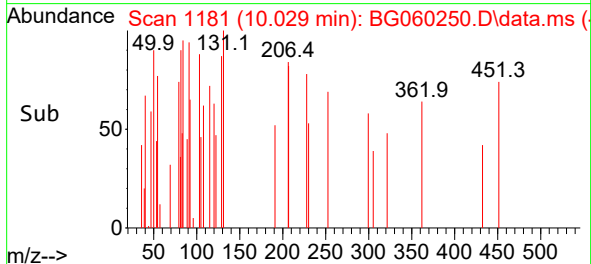
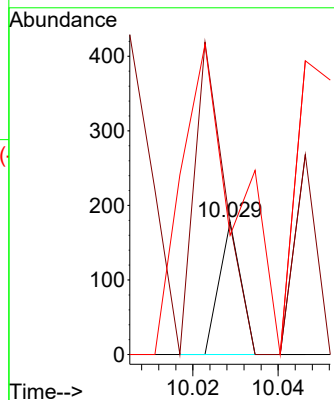
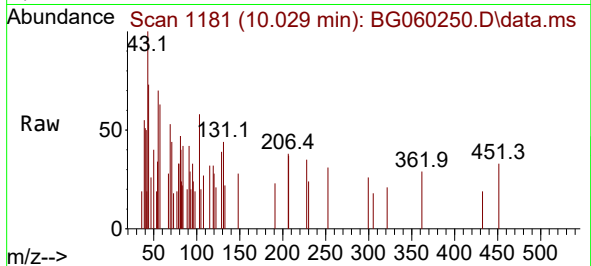




#32
Benzoic acid
Concen: 10.276 ng
RT: 10.029 min Scan# 1184
Delta R.T. -0.016 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

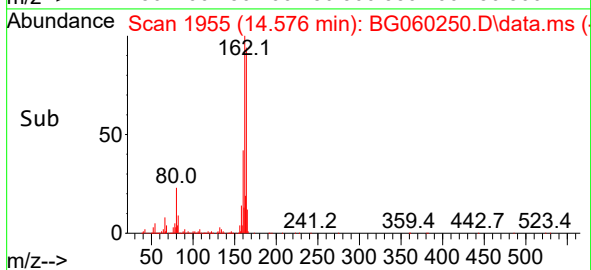
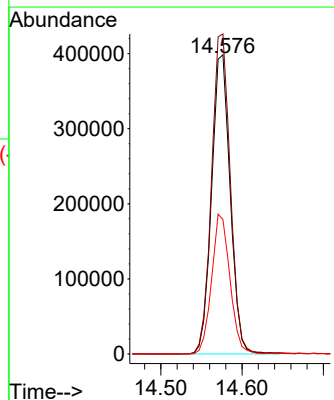
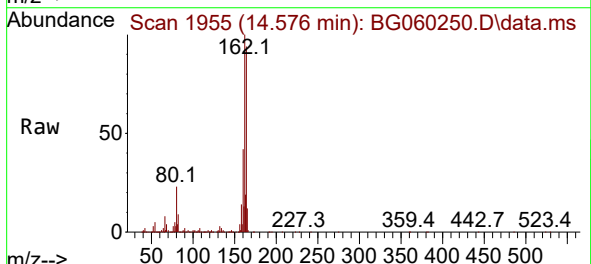
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

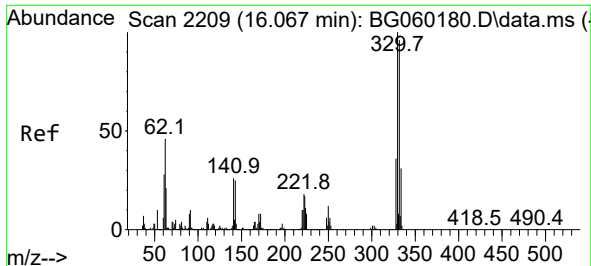
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 97.8 99.2 139.2#
77 89.9 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:164 Resp: 632780
Ion Ratio Lower Upper
164 100
162 106.9 83.9 125.9
160 44.9 34.2 51.4

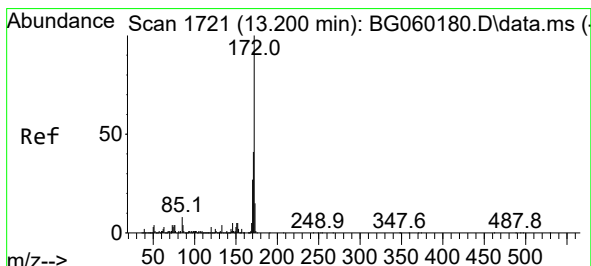
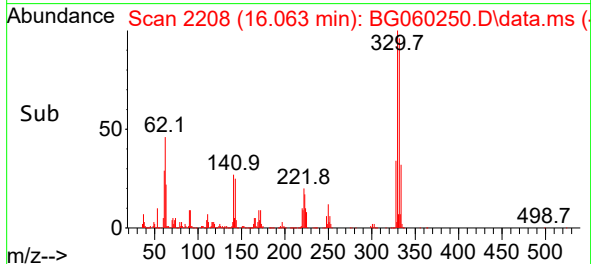
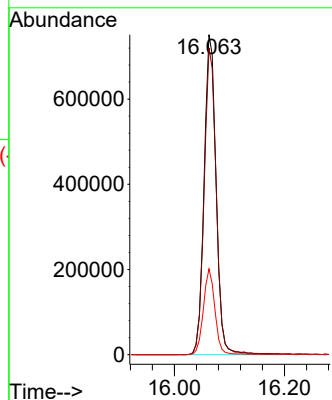
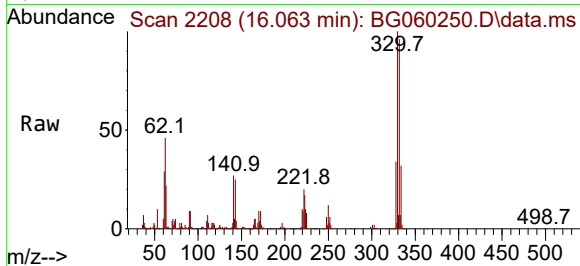




#42
2,4,6-Tribromophenol
Concen: 134.384 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

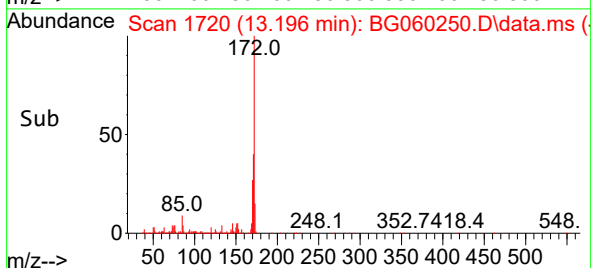
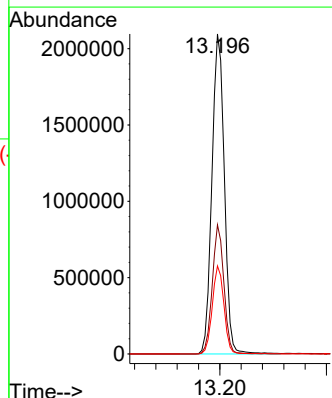
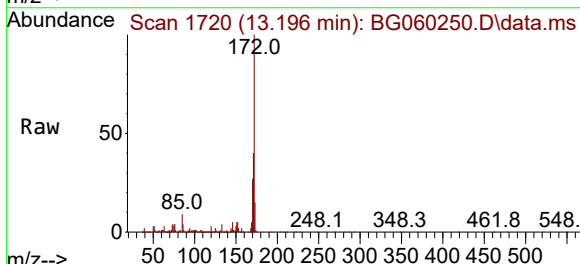
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

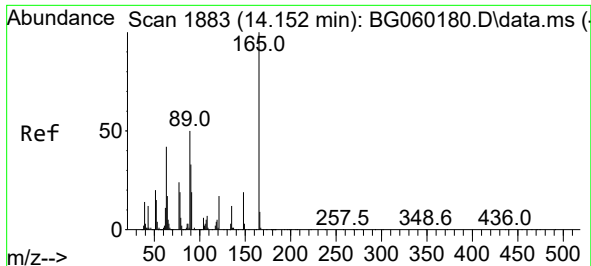
Tgt Ion:330 Resp: 1138293
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 25.9 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 77.013 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:172 Resp: 3390707
Ion Ratio Lower Upper
172 100
171 40.3 32.6 48.8
170 27.5 21.8 32.6

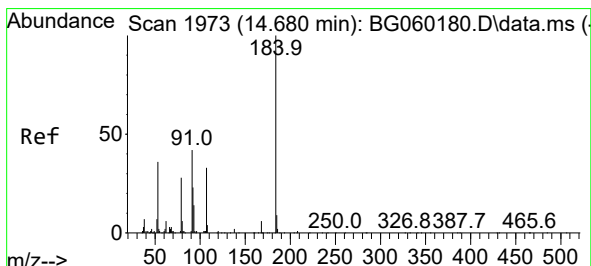
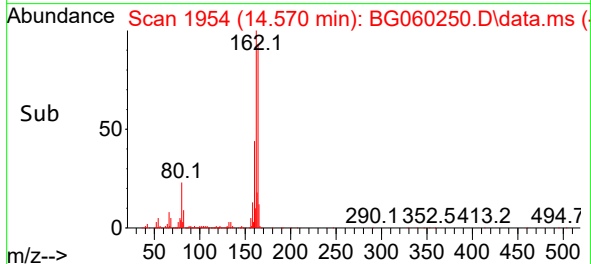
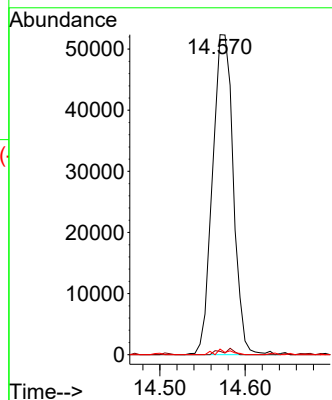
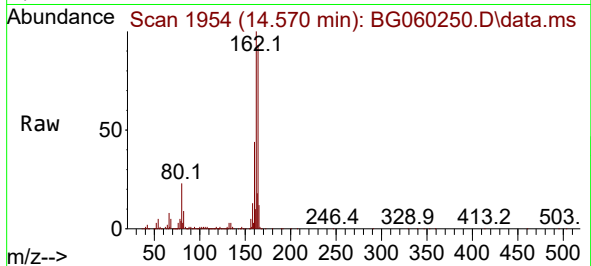




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.419 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

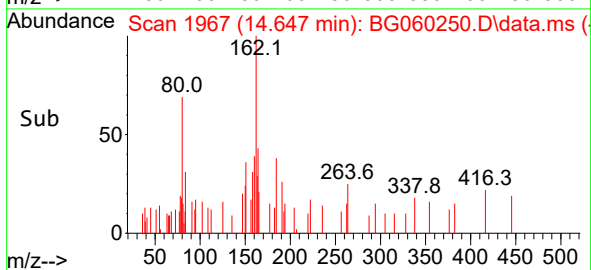
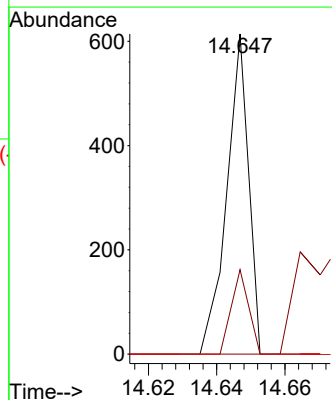
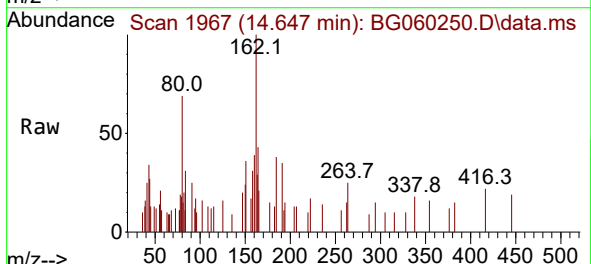
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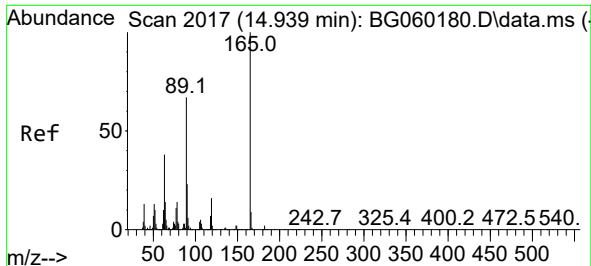
Tgt Ion:165 Resp: 88701
Ion Ratio Lower Upper
165 100
63 1.0 39.3 58.9#
89 1.7 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.277 ng
RT: 14.647 min Scan# 1967
Delta R.T. -0.033 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:184 Resp: 272
Ion Ratio Lower Upper
184 100
63 26.4 45.4 68.2#
154 0.0 40.0 60.0#

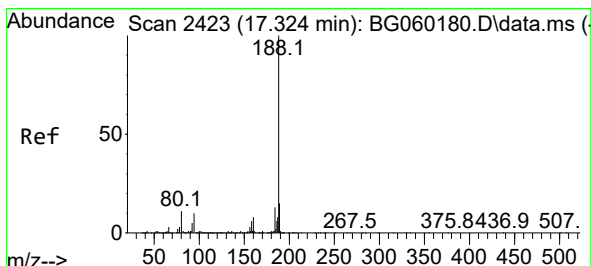
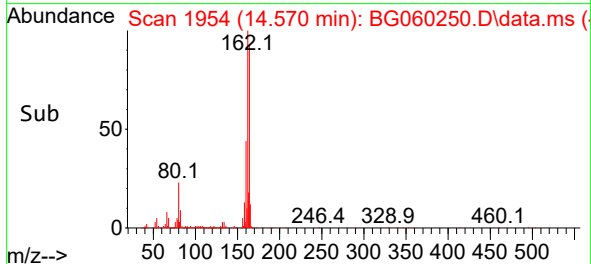
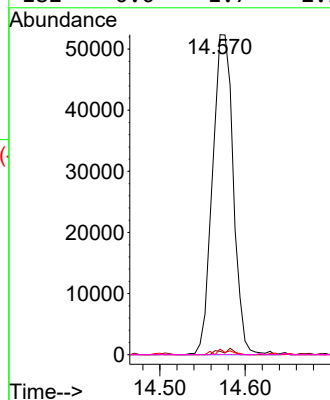
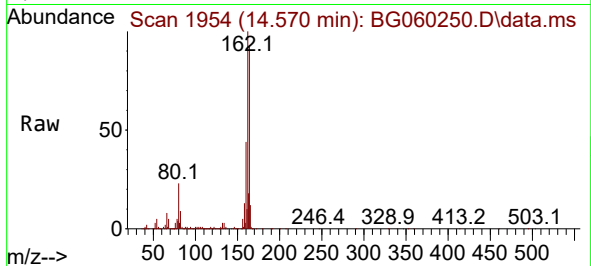




#57
2,4-Dinitrotoluene
Concen: 6.419 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.368 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

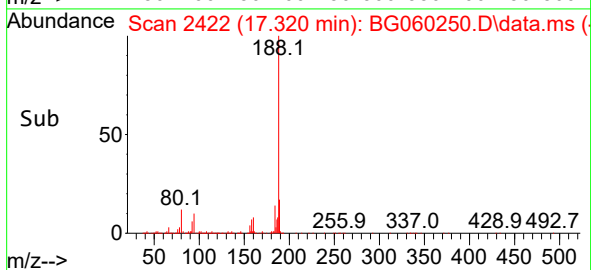
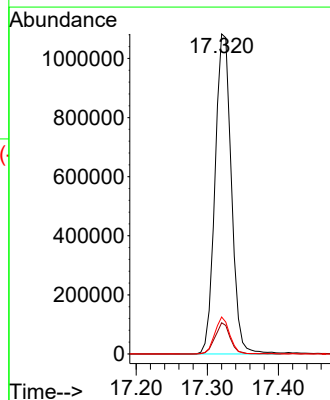
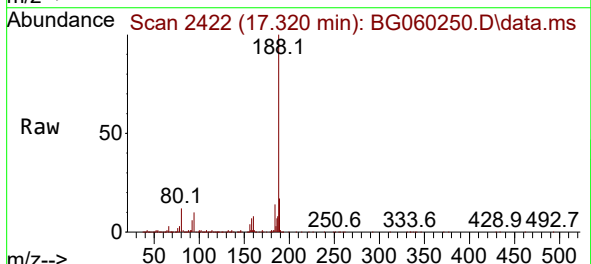
Instrument :
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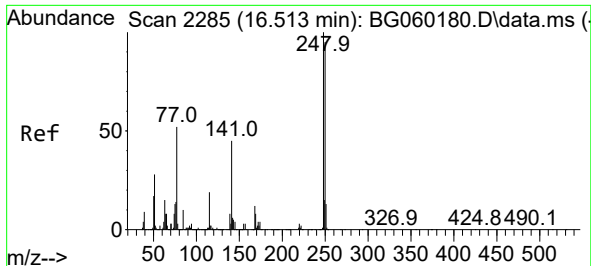
Tgt Ion:165 Resp: 88701
Ion Ratio Lower Upper
165 100
63 1.0 31.0 46.6#
89 1.7 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:188 Resp: 1720782
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 11.6 8.6 13.0

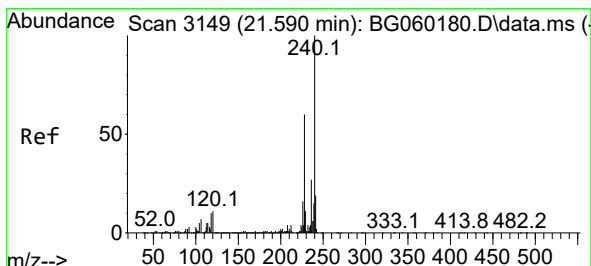
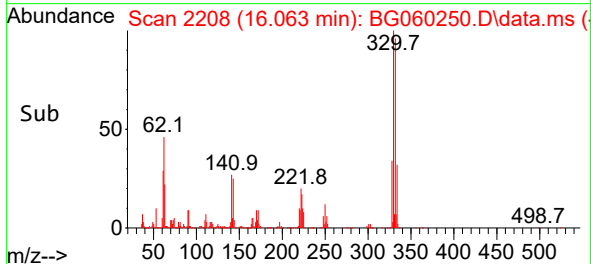
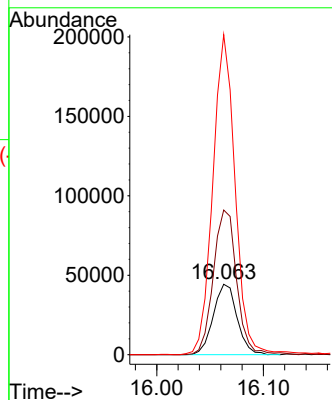
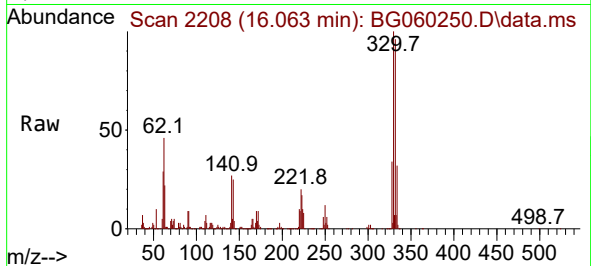




#67
4-Bromophenyl-phenylether
Concen: 3.761 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

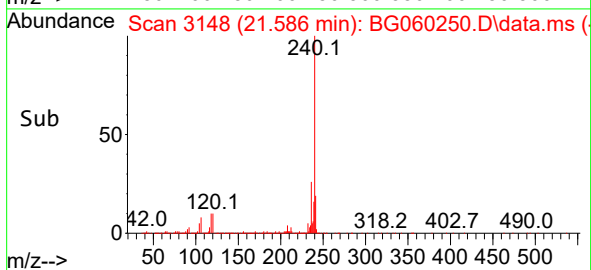
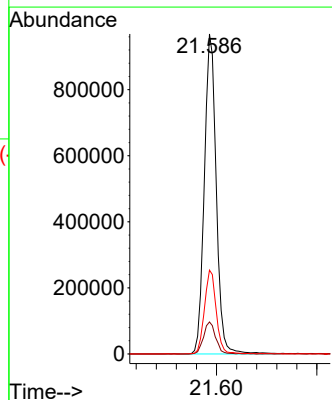
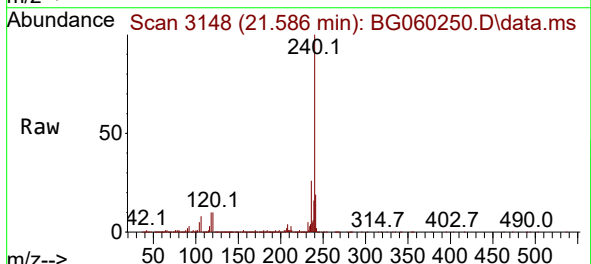
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

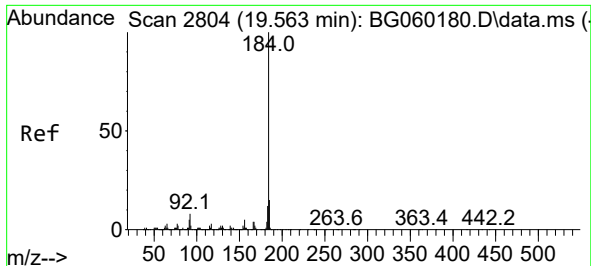
Tgt Ion:248 Resp: 68609
Ion Ratio Lower Upper
248 100
250 148.5 76.2 114.4#
141 328.5 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:240 Resp: 1598785
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 26.2 21.4 32.2

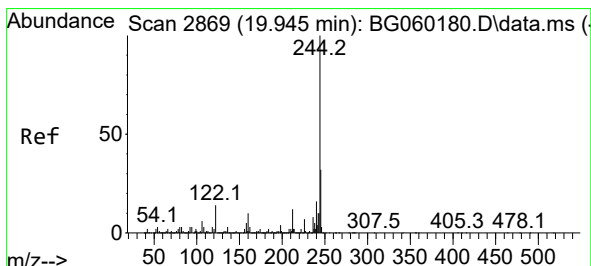
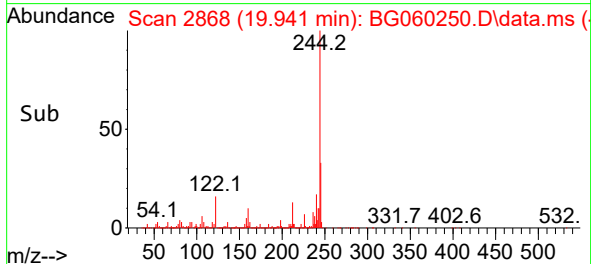
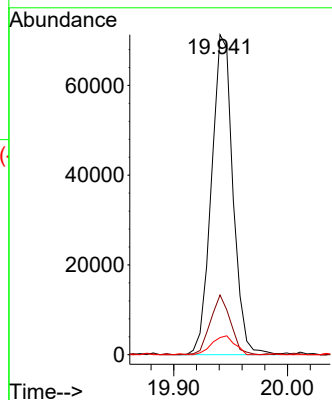
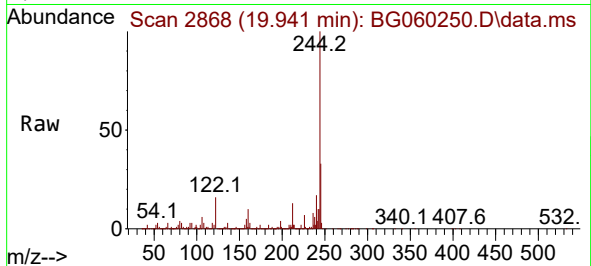




#77
Benzidine
Concen: 2.112 ng
RT: 19.941 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

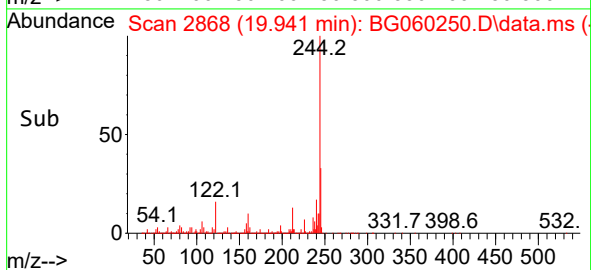
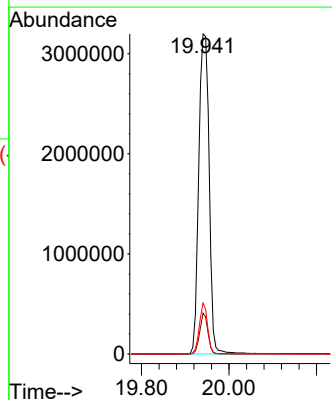
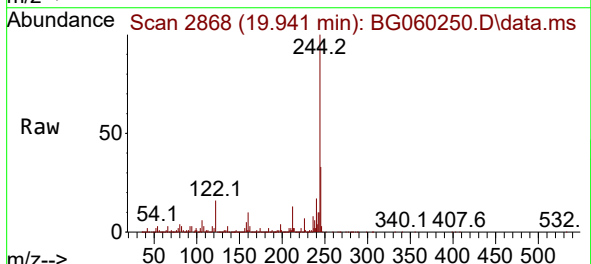
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

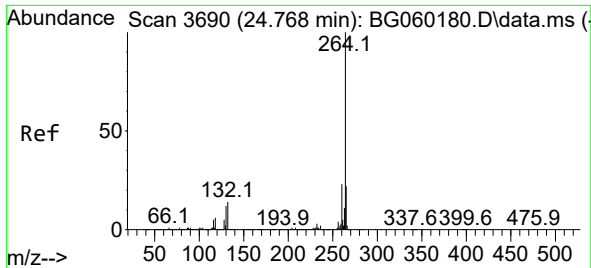
Tgt Ion:184 Resp: 93457
Ion Ratio Lower Upper
184 100
185 18.7 11.7 17.5#
183 5.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 63.619 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Tgt Ion:244 Resp: 5290714
Ion Ratio Lower Upper
244 100
212 12.8 9.5 14.3
122 15.9 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.764 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG060250.D
Acq: 4 Jan 2024 18:21

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12

Tgt Ion:264 Resp: 1806929

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.0	27.0
265	21.7	17.4	26.0

