

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060241.D
 Acq On : 4 Jan 2024 12:16
 Operator : MA/JU
 Sample : PB158174BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158174BL

Quant Time: Jan 04 13:03:23 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)

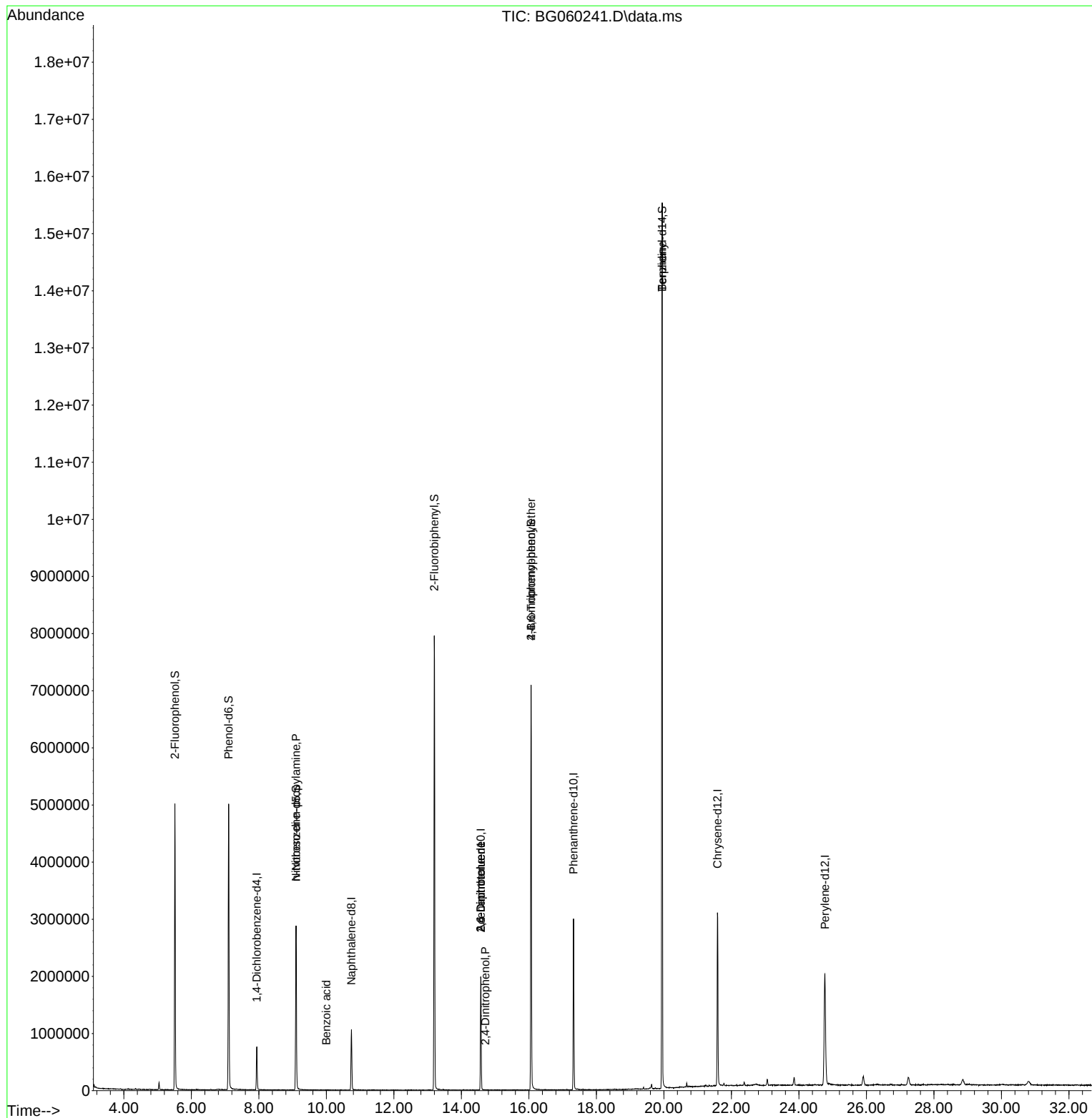
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	229139	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	939771	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	725351	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1982011	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1889712	20.000	ng	0.00
86) Perylene-d12	24.772	264	2116427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	2253110	148.412	ng	0.00
7) Phenol-d6	7.104	99	3210969	142.451	ng	0.00
23) Nitrobenzene-d5	9.102	82	1934174	95.065	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	1453915	149.740	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	4361552	86.421	ng	0.00
79) Terphenyl-d14	19.948	244	6264922	63.736	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.102	70	231333	15.023	ng	# 89
32) Benzoic acid	9.995	122	62	10.276	ng	# 1
51) 2,6-Dinitrotoluene	14.572	165	96202	8.259	ng	# 29
54) 2,4-Dinitrophenol	14.707	184	66	8.245	ng	# 25
57) 2,4-Dinitrotoluene	14.572	165	96202	6.074	ng	# 26
67) 4-Bromophenyl-phenylether	16.064	248	90443	4.304	ng	# 1
77) Benzidine	19.948	184	135936	2.599	ng	# 89

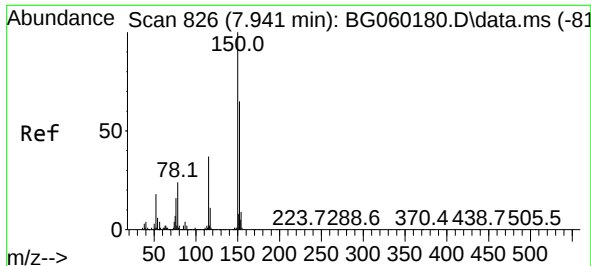
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

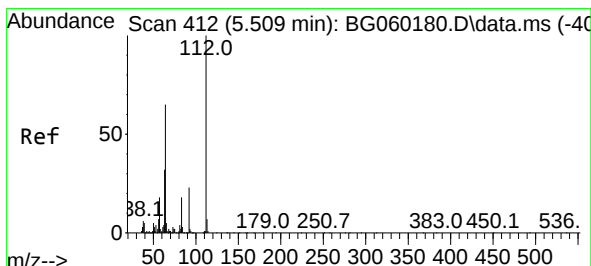
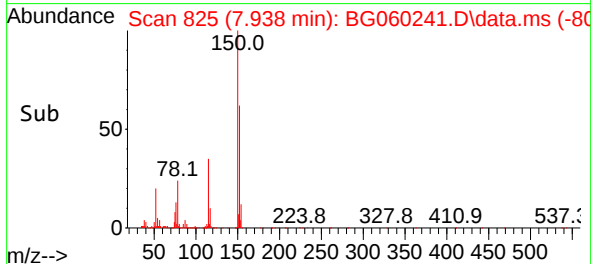
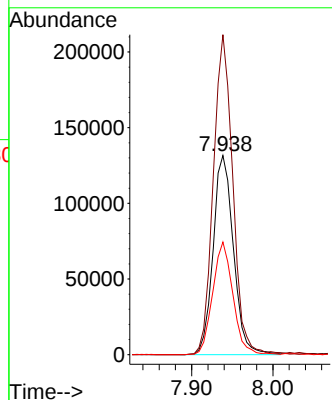
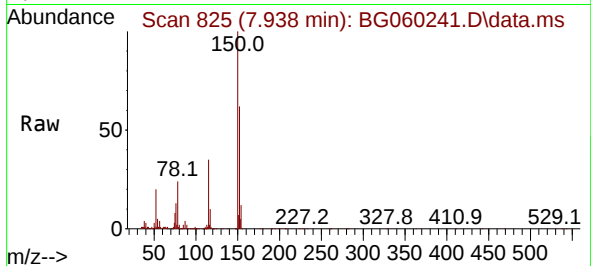




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

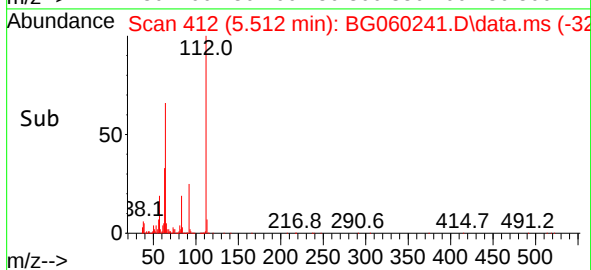
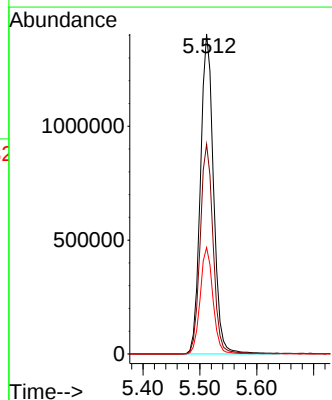
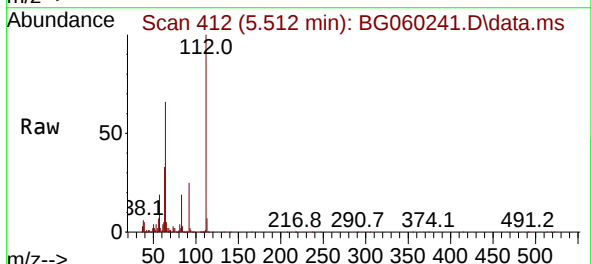
Instrument :
BNA_G
ClientSampleId :
PB158174BL

Tgt Ion:152 Resp: 229139
Ion Ratio Lower Upper
152 100
150 160.6 123.4 185.0
115 56.6 45.4 68.0



#5
2-Fluorophenol
Concen: 148.412 ng
RT: 5.512 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:112 Resp: 2253110
Ion Ratio Lower Upper
112 100
64 65.6 52.2 78.4
63 33.3 25.4 38.0

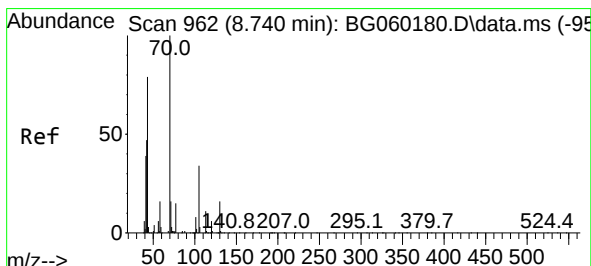
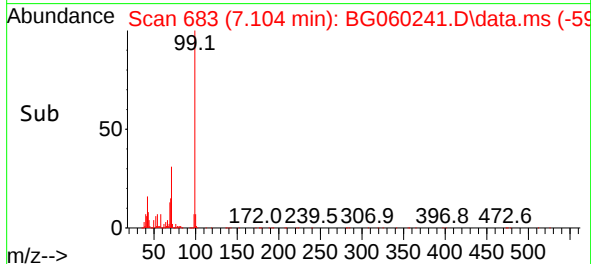
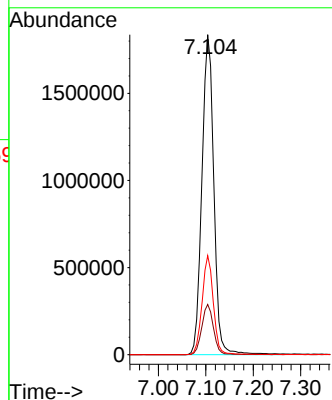
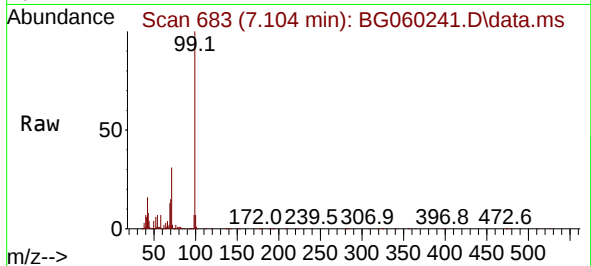




#7
Phenol-d6
Concen: 142.451 ng
RT: 7.104 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

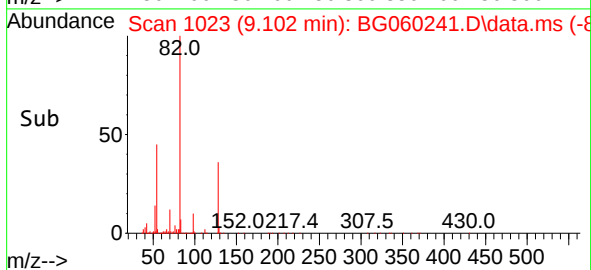
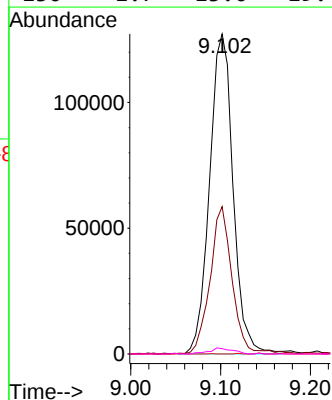
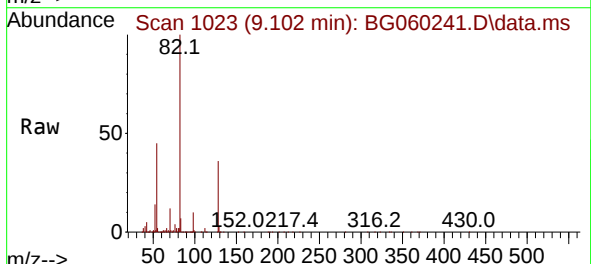
Instrument :
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ClientSampleId :
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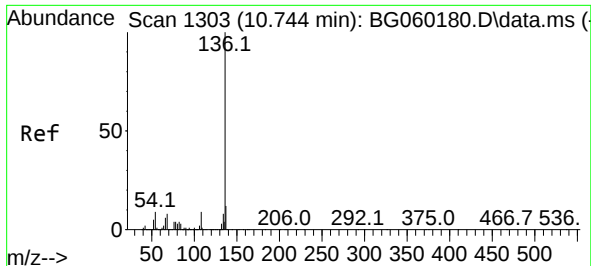
Tgt Ion: 99 Resp: 3210969
Ion Ratio Lower Upper
99 100
42 15.7 12.5 18.7
71 30.9 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.023 ng
RT: 9.102 min Scan# 1023
Delta R.T. 0.362 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion: 70 Resp: 231333
Ion Ratio Lower Upper
70 100
42 46.0 37.9 56.9
101 0.0 6.2 9.2#
130 1.7 13.0 19.4#



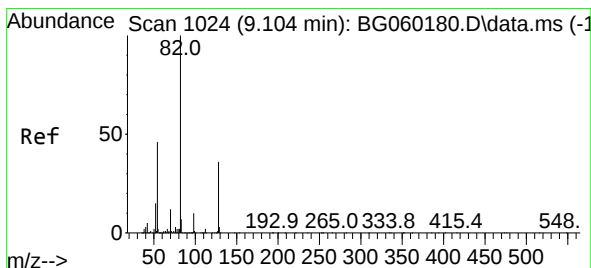
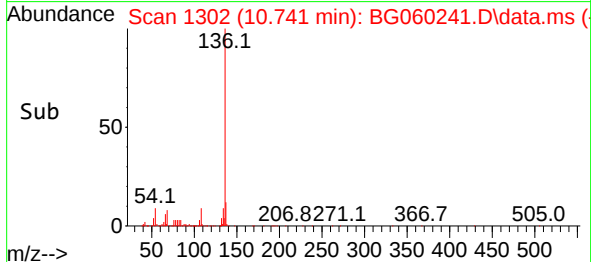
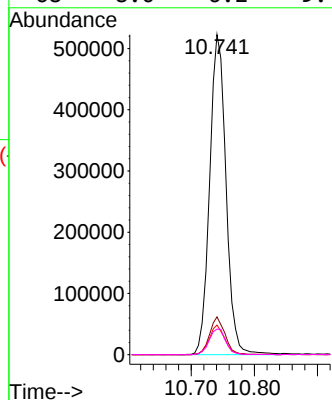
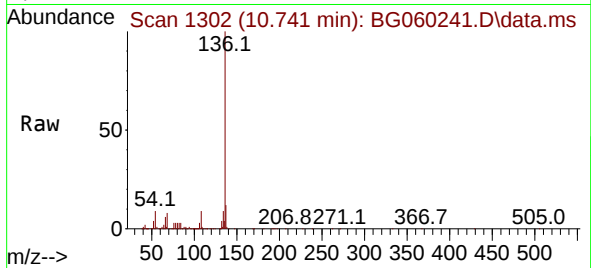


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Instrument :
BNA_G
ClientSampleId :
PB158174BL

Tgt Ion:136 Resp: 939771

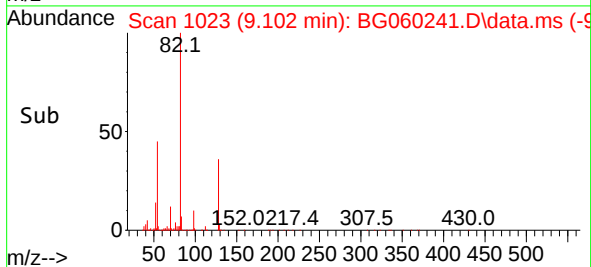
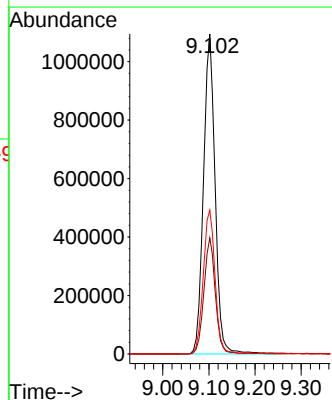
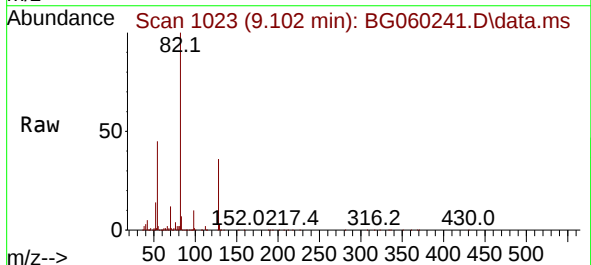
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	9.3	7.4	11.2
68	8.0	6.2	9.4

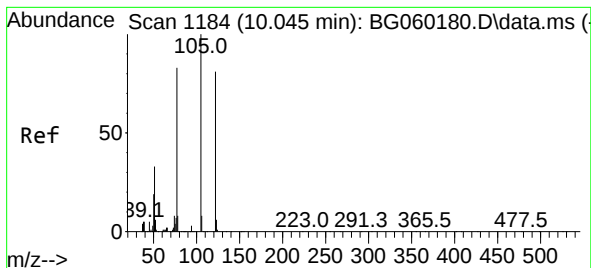


#23
Nitrobenzene-d5
Concen: 95.065 ng
RT: 9.102 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion: 82 Resp: 1934174

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.7	43.1
54	45.0	36.9	55.3

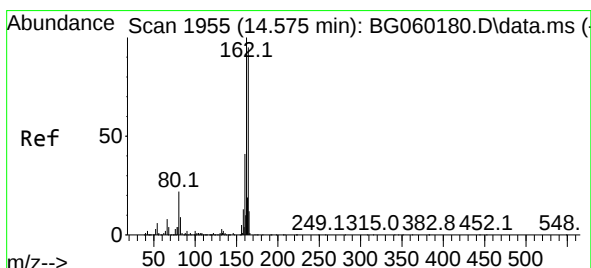
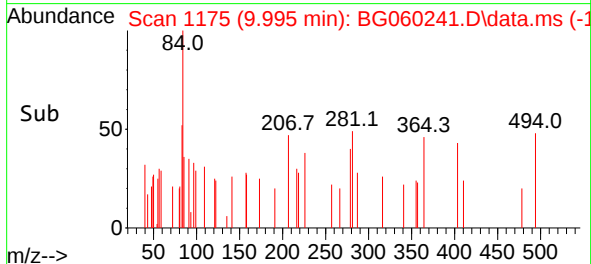
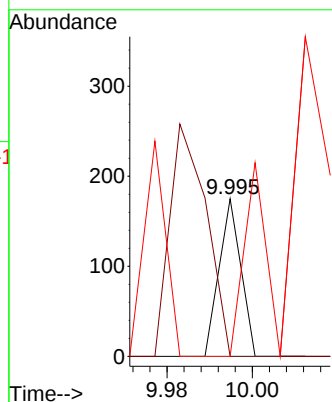
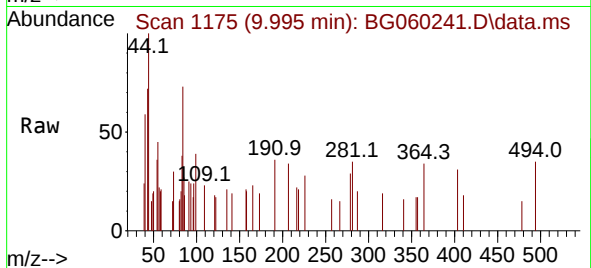




#32
Benzoic acid
Concen: 10.276 ng
RT: 9.995 min Scan# 1184
Delta R.T. -0.050 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

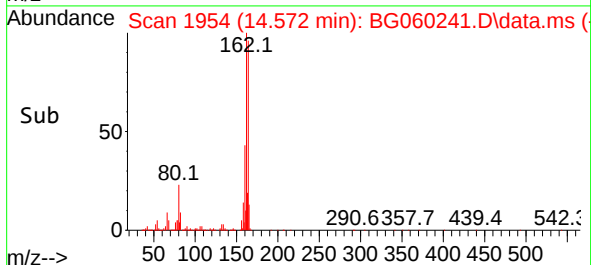
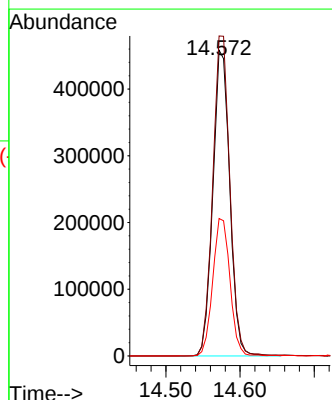
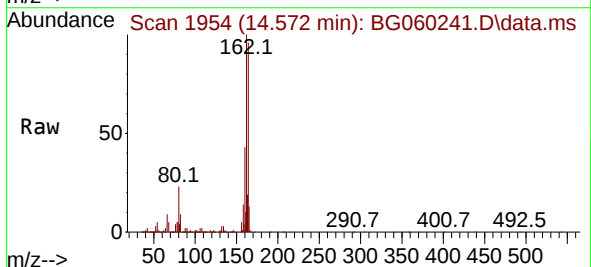
Instrument :
BNA_G
ClientSampleId :
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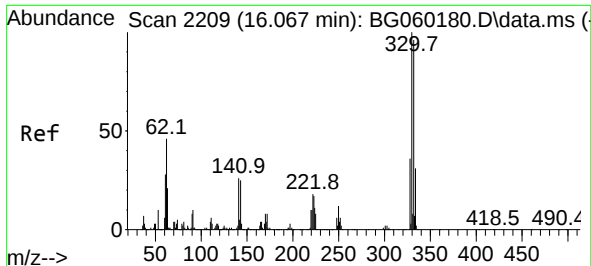
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:164 Resp: 725351
Ion Ratio Lower Upper
164 100
162 104.7 83.9 125.9
160 44.9 34.2 51.4

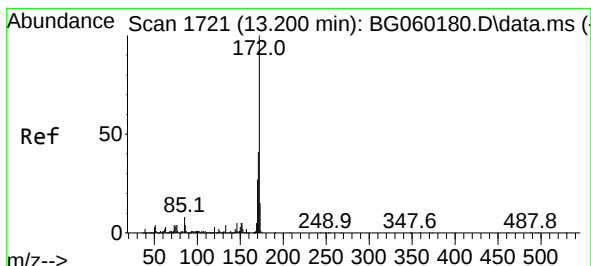
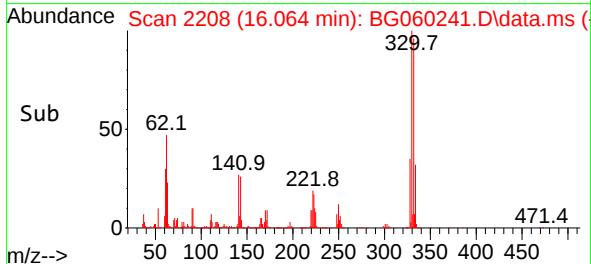
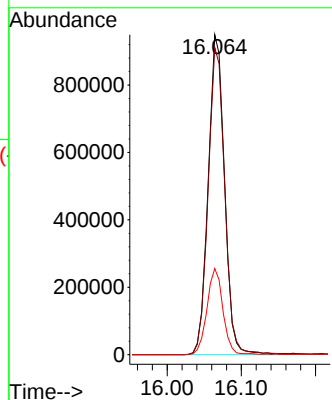
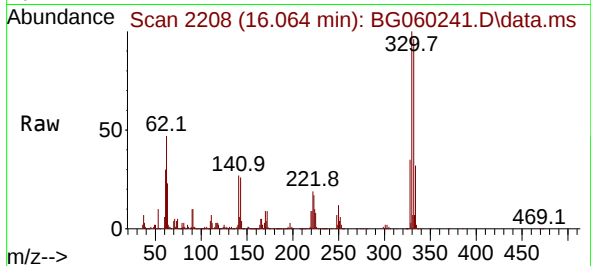




#42
2,4,6-Tribromophenol
Concen: 149.740 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

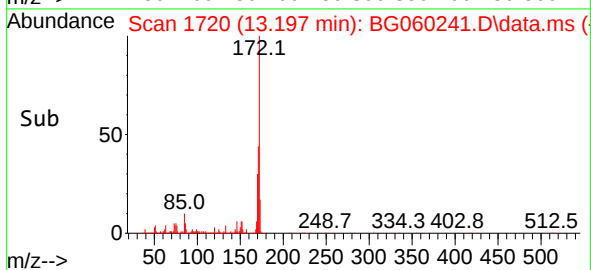
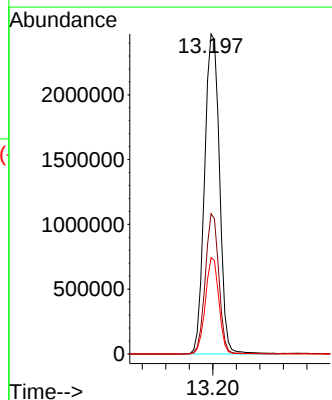
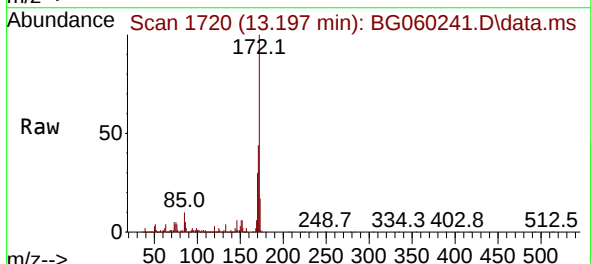
Instrument :
BNA_G
ClientSampleId :
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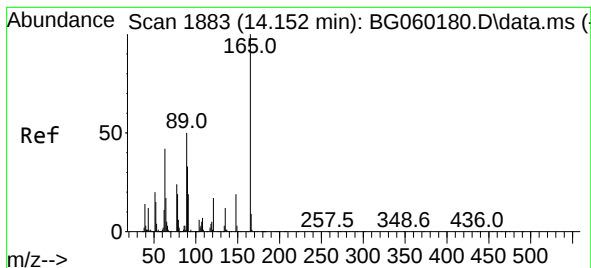
Tgt Ion:330 Resp: 1453915
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 26.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.421 ng
RT: 13.197 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:172 Resp: 4361552
Ion Ratio Lower Upper
172 100
171 43.8 32.6 48.8
170 30.1 21.8 32.6

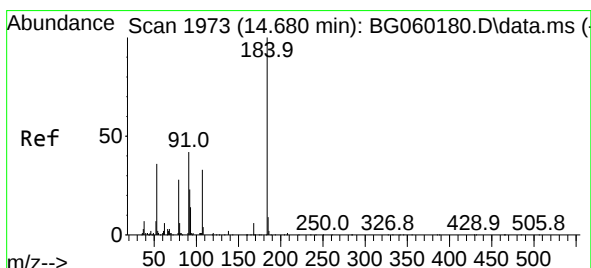
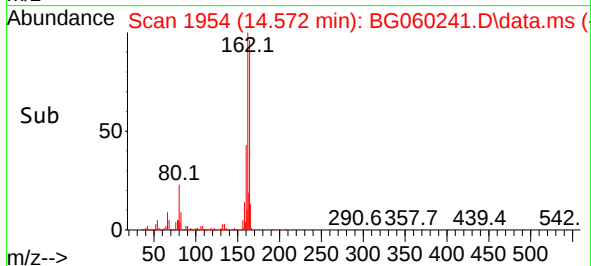
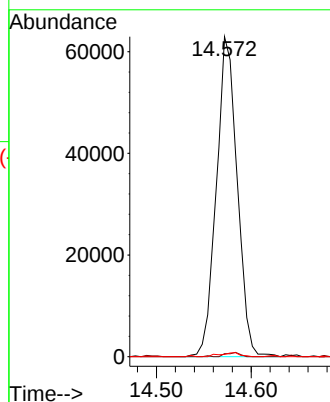
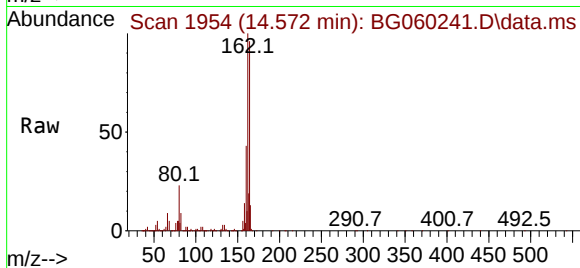




#51
2,6-Dinitrotoluene
Concen: 8.259 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.420 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

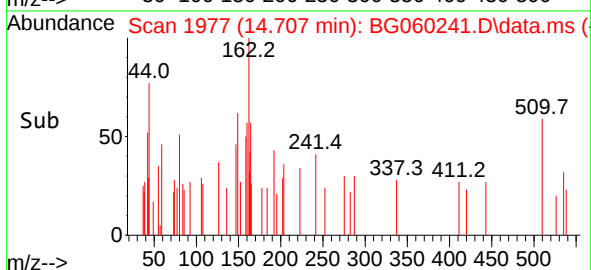
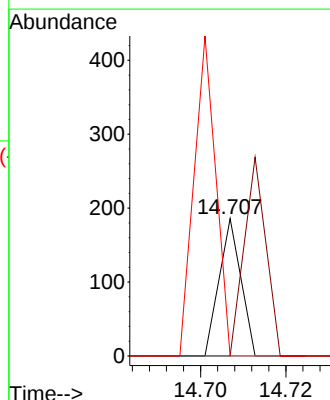
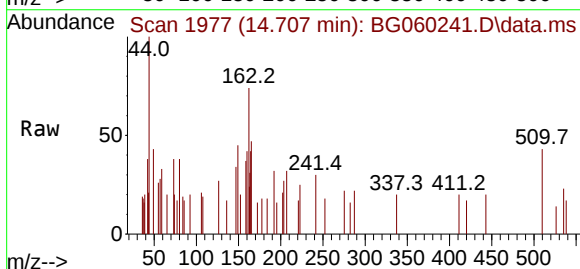
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ClientSampleId :
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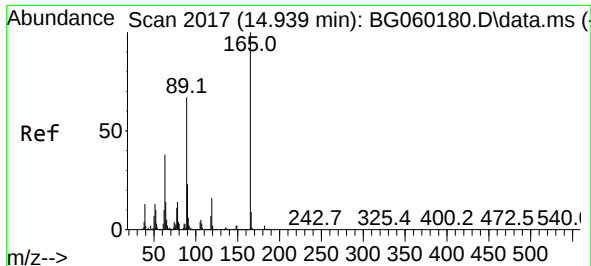
Tgt Ion:165 Resp: 96202
Ion Ratio Lower Upper
165 100
63 0.9 39.3 58.9#
89 0.7 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.245 ng
RT: 14.707 min Scan# 1977
Delta R.T. 0.027 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#

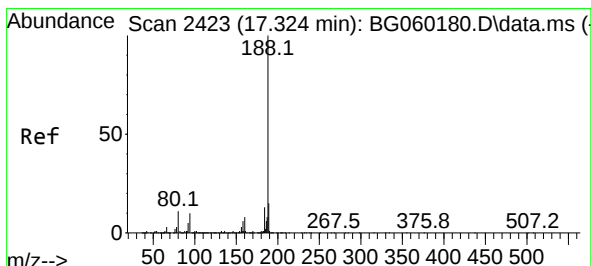
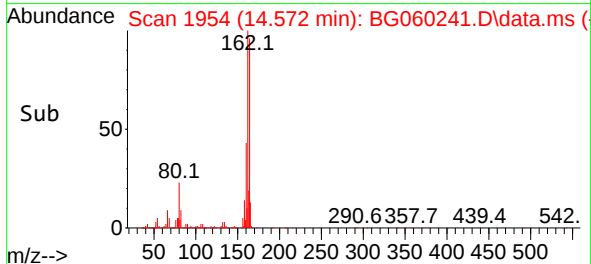
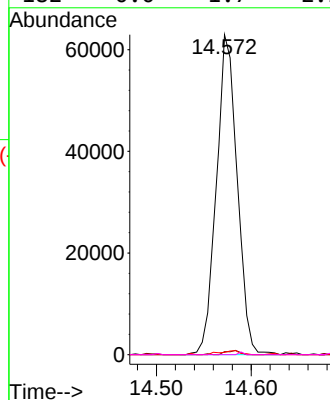
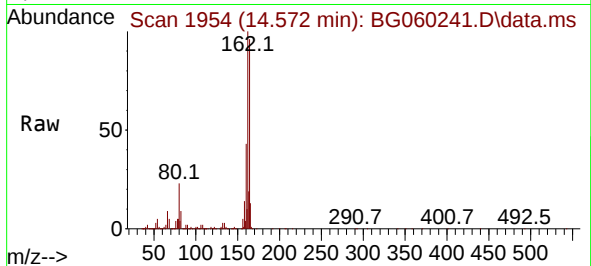




#57
2,4-Dinitrotoluene
Concen: 6.074 ng
RT: 14.572 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

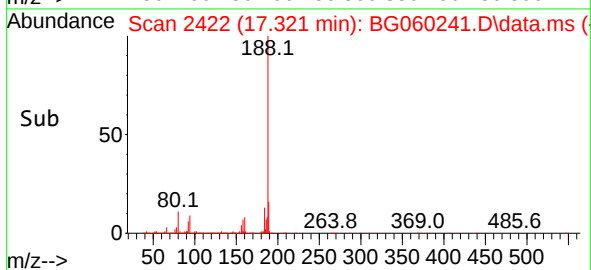
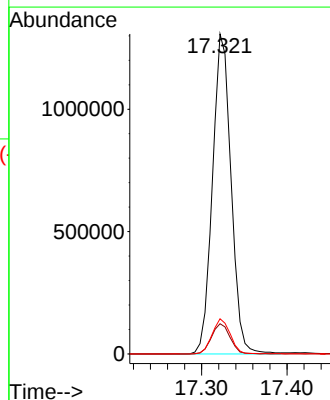
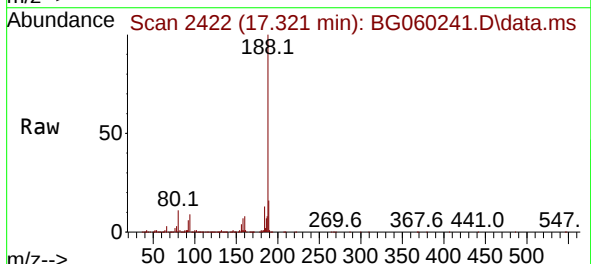
Instrument :
BNA_G
ClientSampleId :
PB158174BL

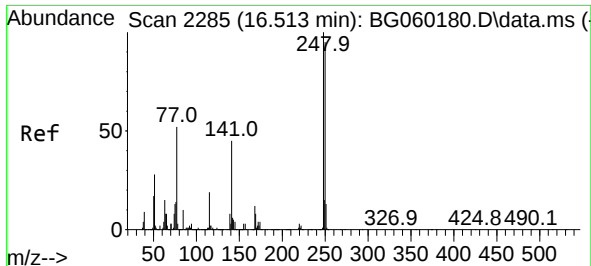
Tgt Ion:165 Resp: 96202
Ion Ratio Lower Upper
165 100
63 0.9 31.0 46.6#
89 0.7 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:188 Resp: 1982011
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 11.0 8.6 13.0

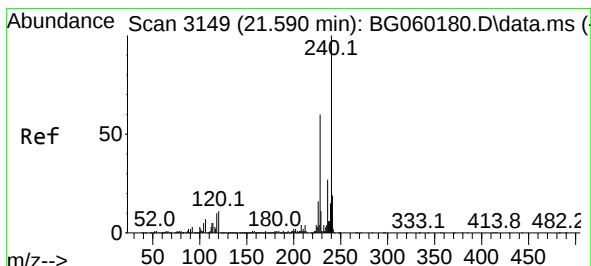
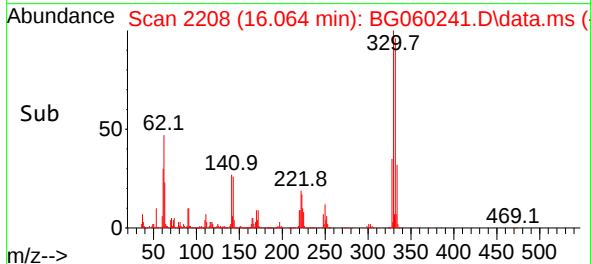
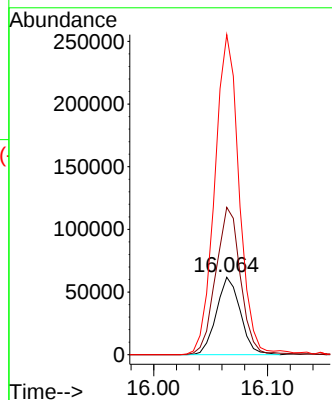
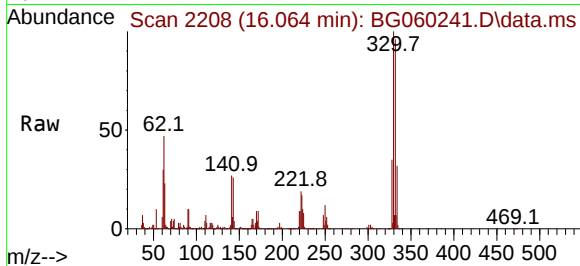




#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

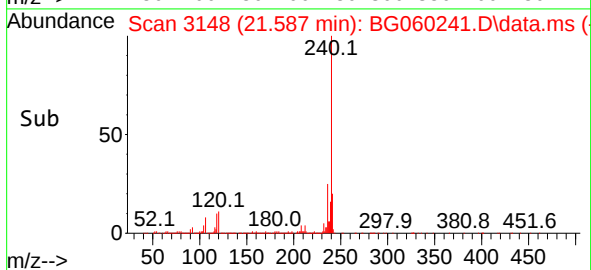
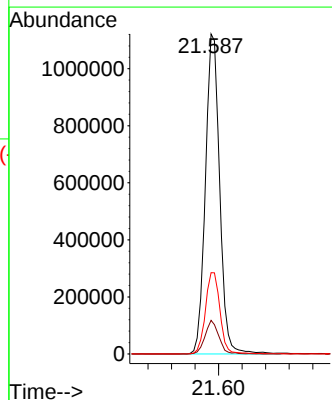
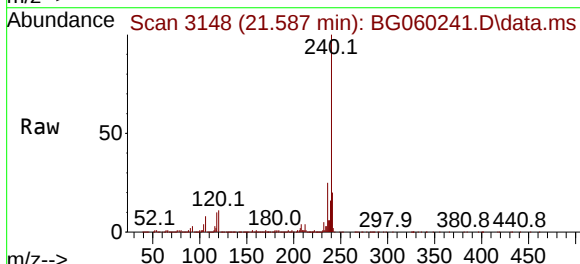
Instrument :
BNA_G
ClientSampleId :
PB158174BL

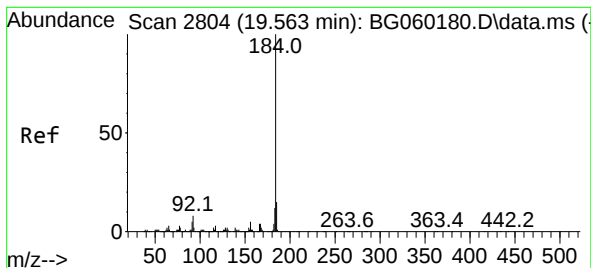
Tgt Ion:248 Resp: 90443
Ion Ratio Lower Upper
248 100
250 190.5 76.2 114.4#
141 413.5 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:240 Resp: 1889712
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.4 21.4 32.2





#77

Benzidine

Concen: 2.599 ng

RT: 19.948 min Scan# 2869

Delta R.T. 0.385 min

Lab File: BG060241.D

Acq: 4 Jan 2024 12:16

Instrument :

BNA_G

ClientSampleId :

PB158174BL

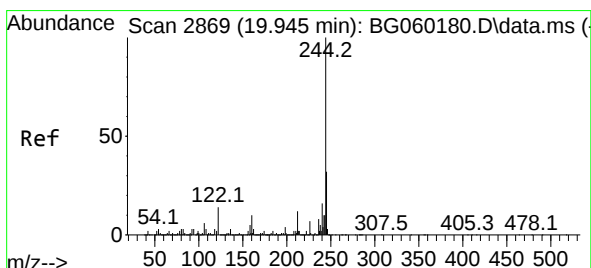
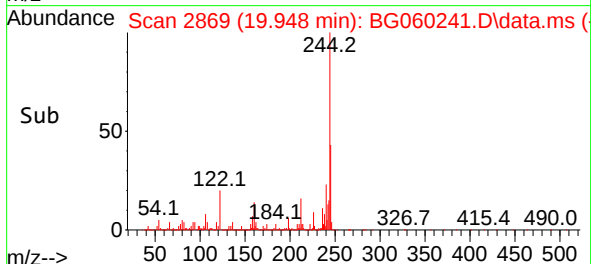
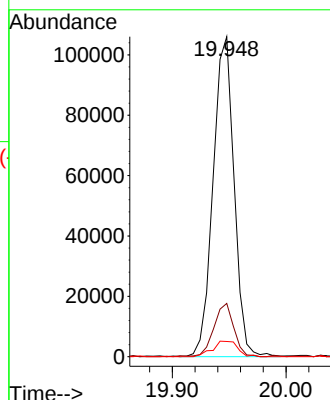
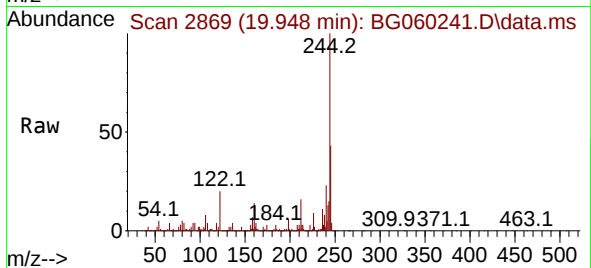
Tgt Ion:184 Resp: 135936

Ion Ratio Lower Upper

184 100

185 16.6 11.7 17.5

183 4.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 63.736 ng

RT: 19.948 min Scan# 2869

Delta R.T. 0.003 min

Lab File: BG060241.D

Acq: 4 Jan 2024 12:16

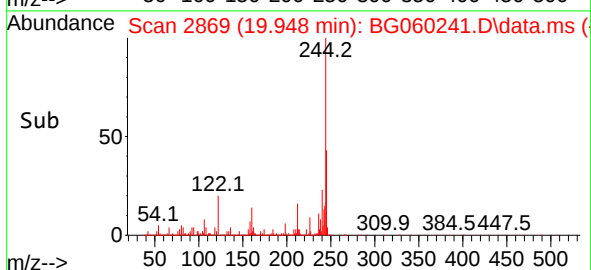
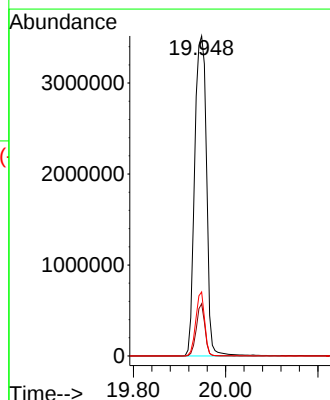
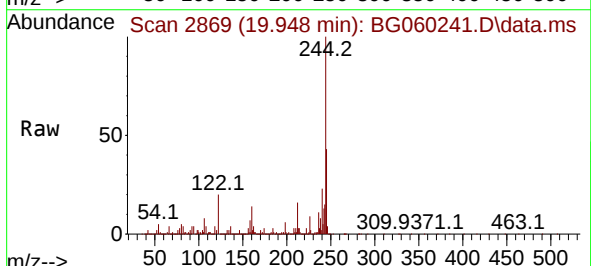
Tgt Ion:244 Resp: 6264922

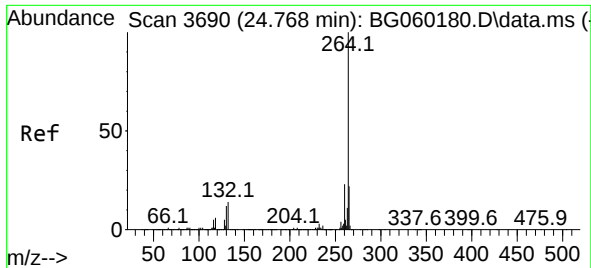
Ion Ratio Lower Upper

244 100

212 16.3 9.5 14.3#

122 20.0 11.4 17.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.772 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG060241.D
 Acq: 4 Jan 2024 12:16

Instrument :
 BNA_G
 ClientSampleId :
 PB158174BL

Tgt Ion:264 Resp: 2116427

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.0	27.0
265	22.0	17.4	26.0

