

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060210.D
 Acq On : 3 Jan 2024 2:36
 Operator : MA/JU
 Sample : 05897-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 05:05:44 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)

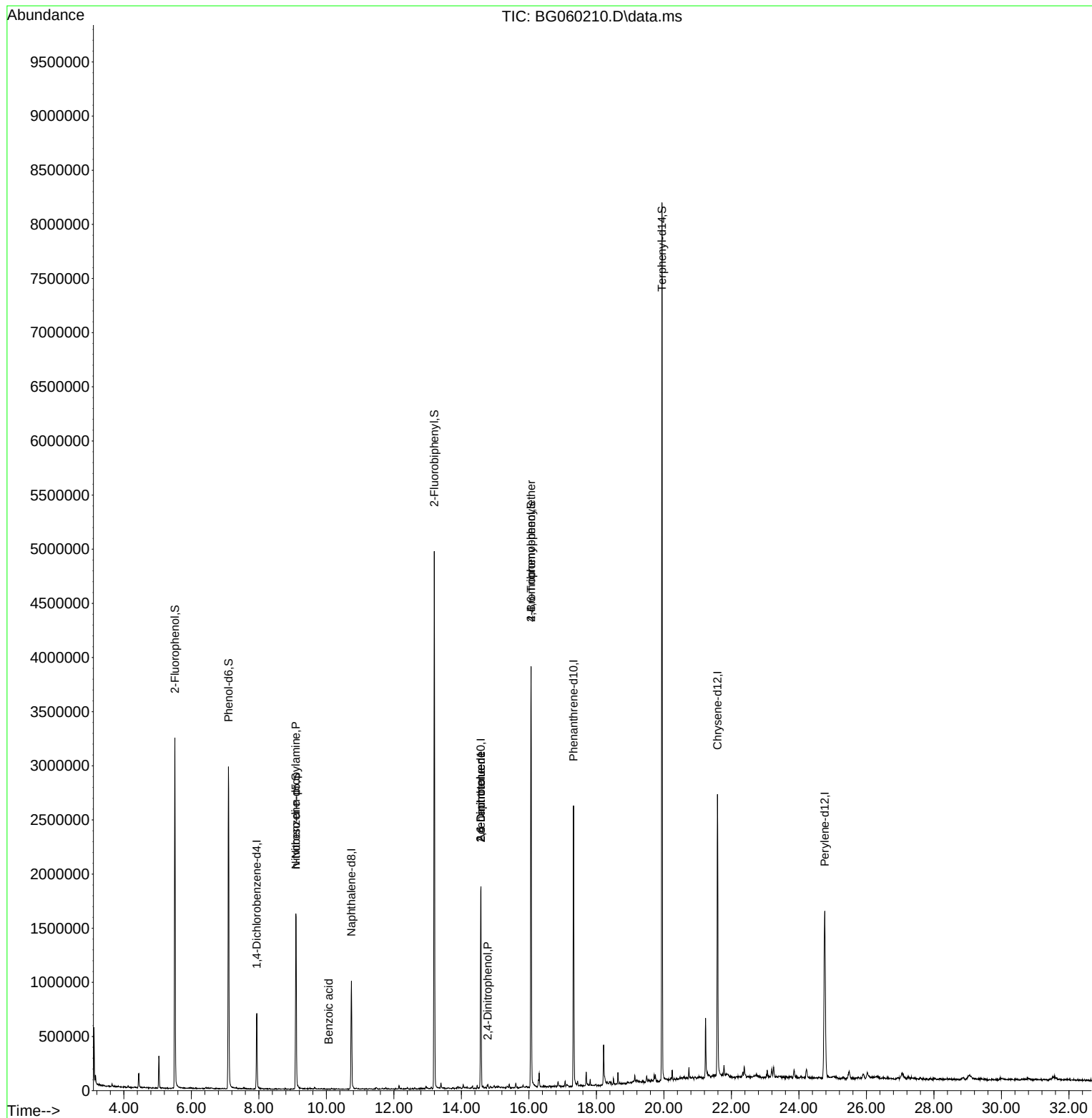
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	210084	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	885141	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	675184	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1740850	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1555892	20.000	ng	0.00
86) Perylene-d12	24.765	264	1729688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1485527	106.727	ng	0.00
7) Phenol-d6	7.098	99	1932628	93.515	ng	0.00
23) Nitrobenzene-d5	9.095	82	1110765	57.964	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	823868	91.156	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	2716998	57.835	ng	0.00
79) Terphenyl-d14	19.942	244	3900174	48.191	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	132841	9.409	ng	# 83
32) Benzoic acid	10.065	122	66	10.276	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	91508	8.440	ng	# 28
54) 2,4-Dinitrophenol	14.777	184	129	8.255	ng	# 33
57) 2,4-Dinitrotoluene	14.577	165	91508	6.207	ng	# 26
67) 4-Bromophenyl-phenylether	16.064	248	48698	2.638	ng	# 1

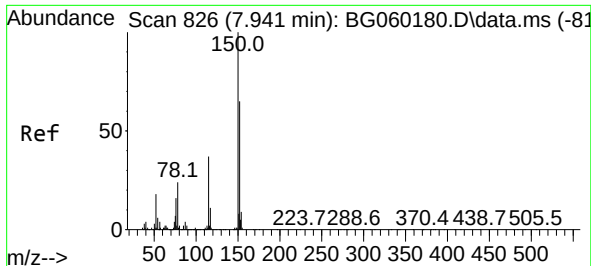
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 05:05:44 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

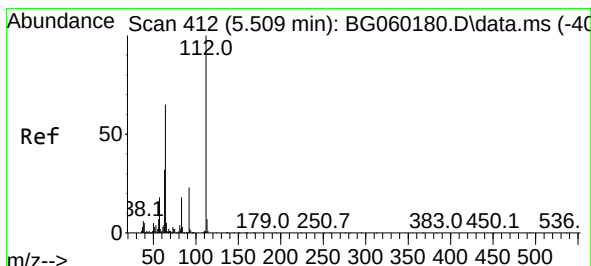
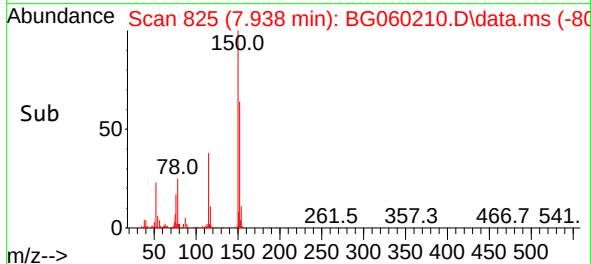
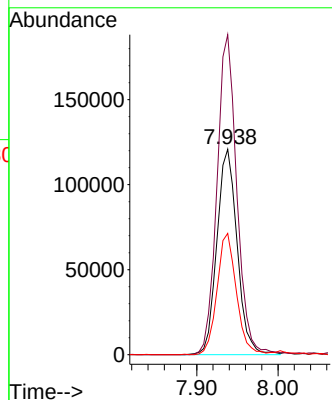
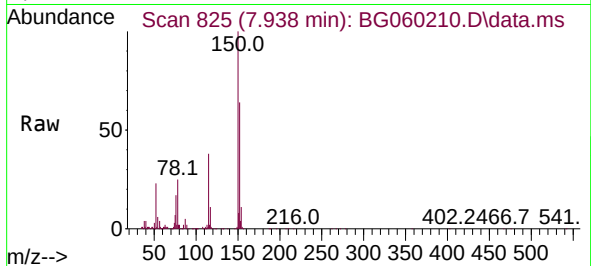




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

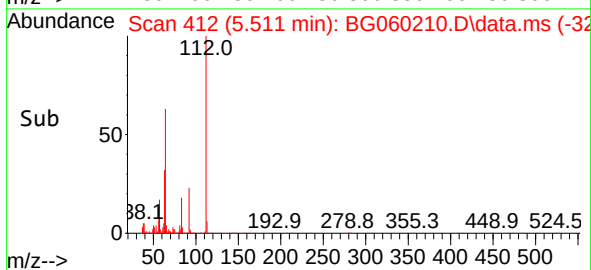
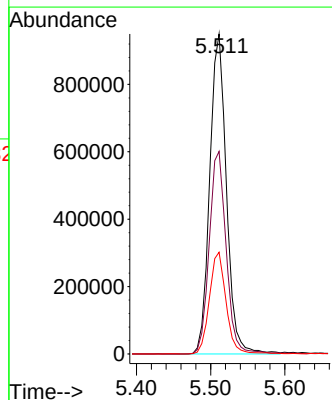
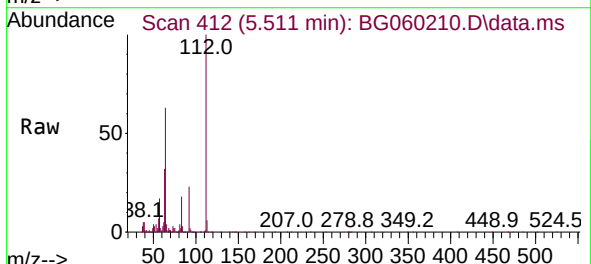
Instrument :
BNA_G
ClientSampleId :

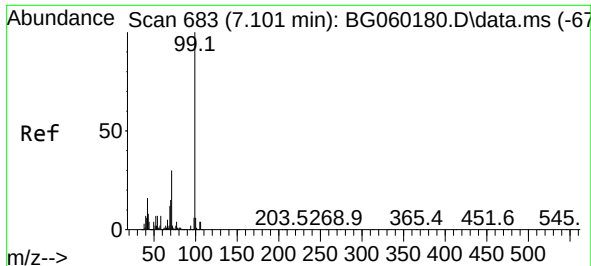
Tgt Ion:152 Resp: 210084
Ion Ratio Lower Upper
152 100
150 155.7 123.4 185.0
115 59.0 45.4 68.0



#5
2-Fluorophenol
Concen: 106.727 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion:112 Resp: 1485527
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.4
63 31.8 25.4 38.0

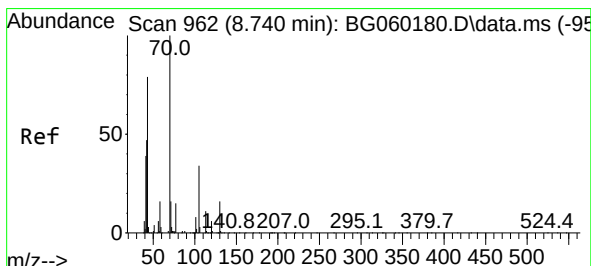
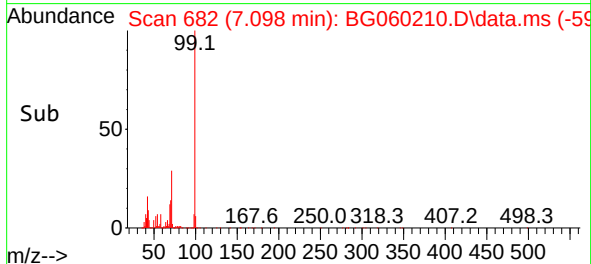
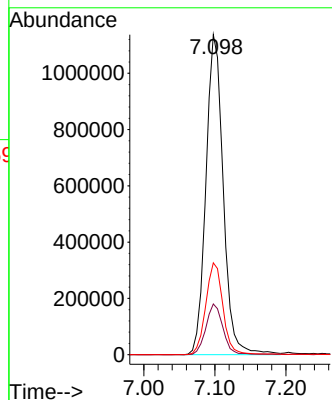
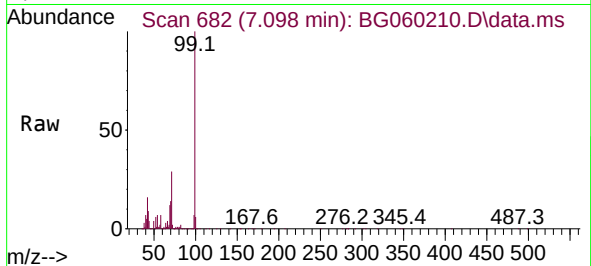




#7
Phenol-d6
Concen: 93.515 ng
RT: 7.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

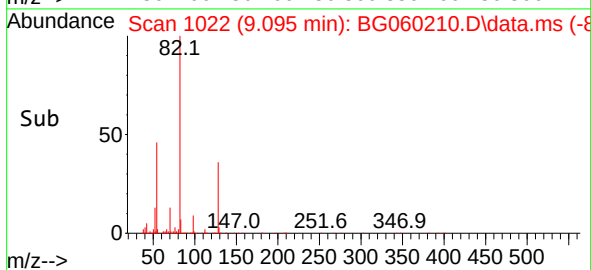
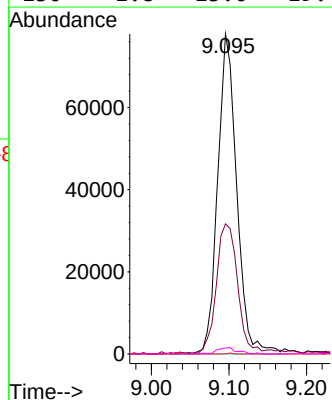
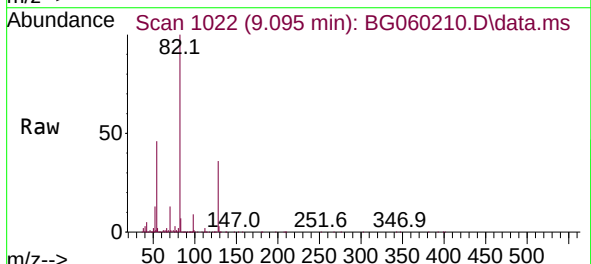
Instrument :
BNA_G
ClientSampleId :

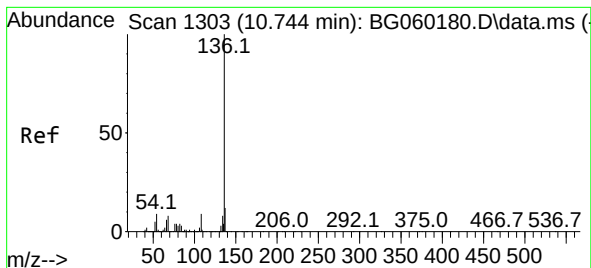
Tgt Ion: 99 Resp: 1932628
Ion Ratio Lower Upper
99 100
42 15.9 12.5 18.7
71 28.7 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.409 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.355 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion: 70 Resp: 132841
Ion Ratio Lower Upper
70 100
42 40.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.8 13.0 19.4#

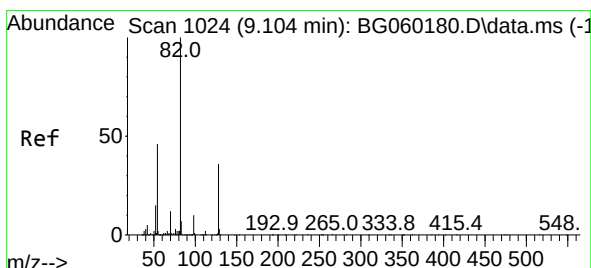
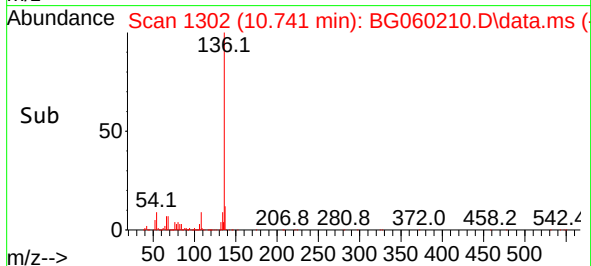
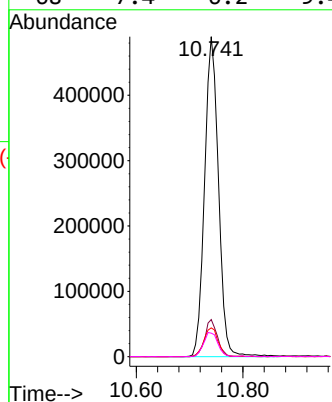
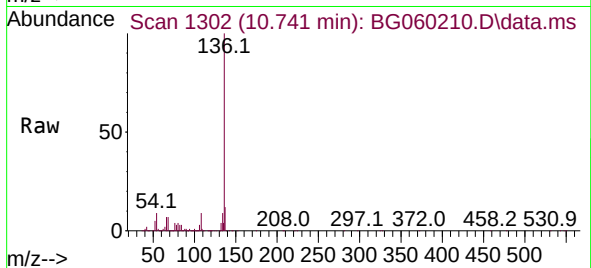




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

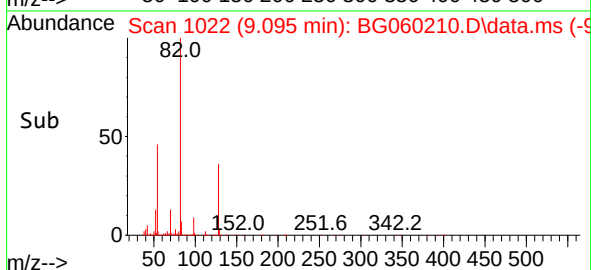
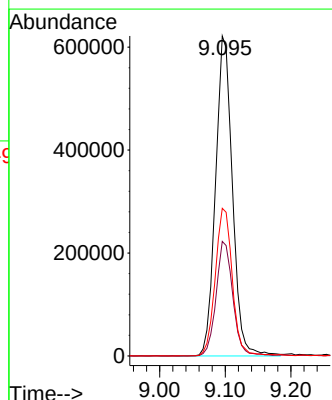
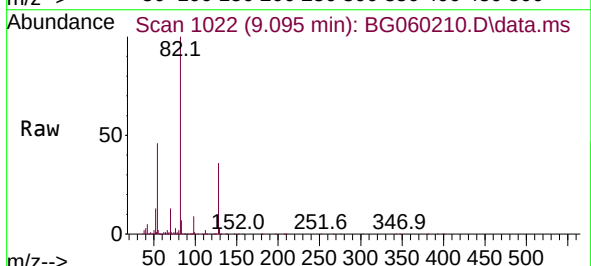
Instrument :
BNA_G
ClientSampleId :

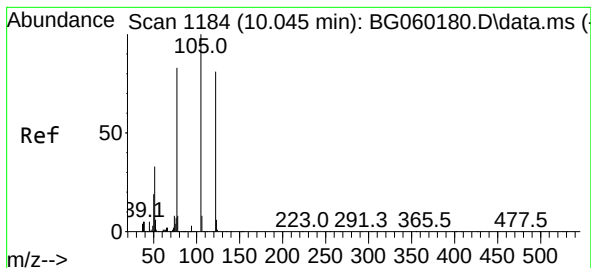
Tgt Ion:	136	Resp:	885141
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	9.0	7.4	11.2
68	7.4	6.2	9.4



#23
Nitrobenzene-d5
Concen: 57.964 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.009 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion:	82	Resp:	1110765
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.7	43.1
54	46.2	36.9	55.3





#32

Benzoic acid

Concen: 10.276 ng

RT: 10.065 min Scan# 1184

Delta R.T. 0.020 min

Lab File: BG060210.D

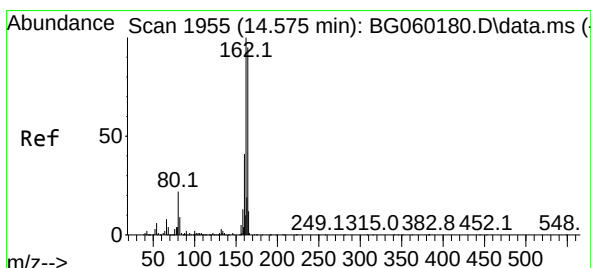
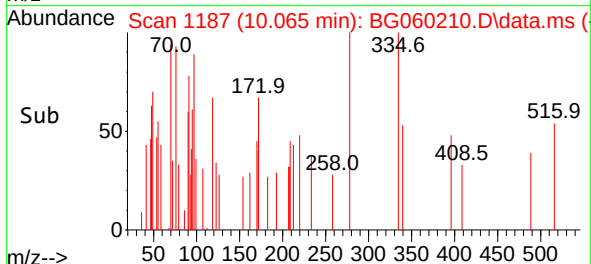
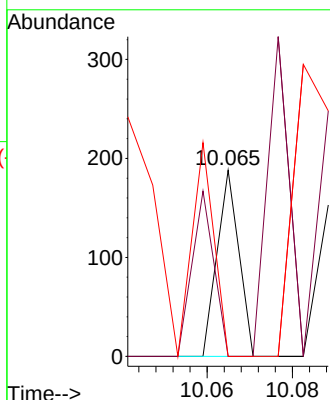
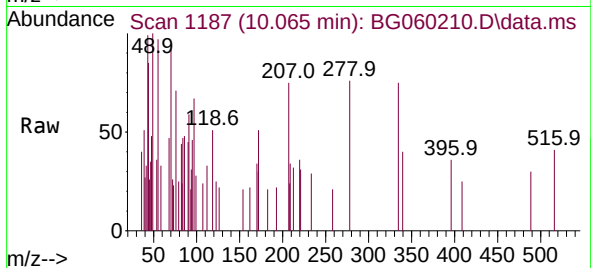
Acq: 3 Jan 2024 2:36

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122	Resp:	66
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

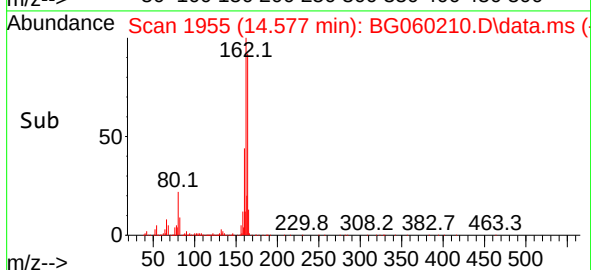
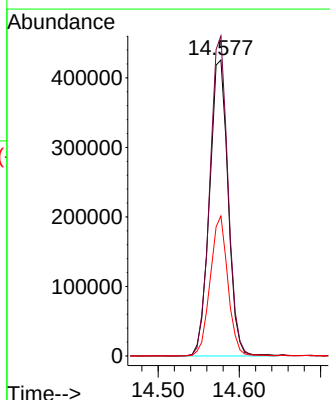
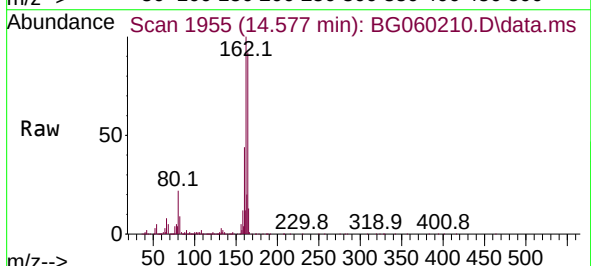
RT: 14.577 min Scan# 1955

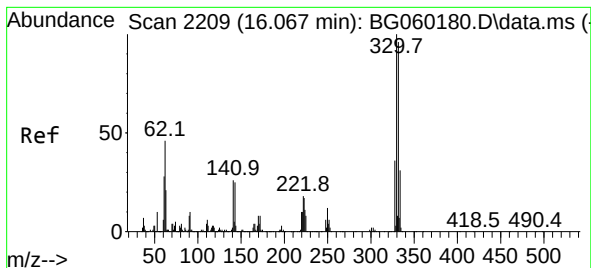
Delta R.T. 0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Tgt Ion:164	Resp:	675184
Ion Ratio	Lower	Upper
164	100	
162	108.1	83.9 125.9
160	47.3	34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.156 ng

RT: 16.064 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Instrument :

BNA_G

ClientSampleId :

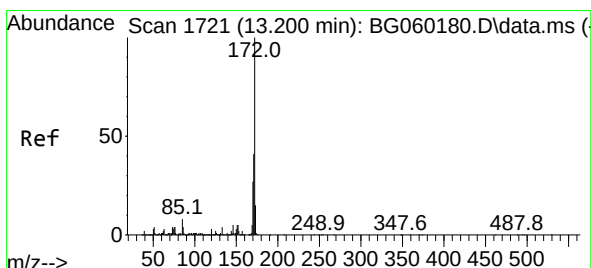
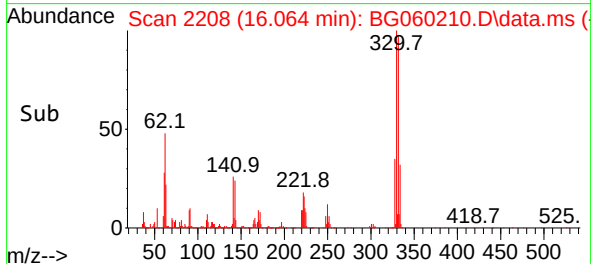
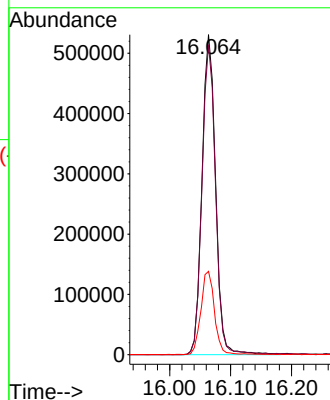
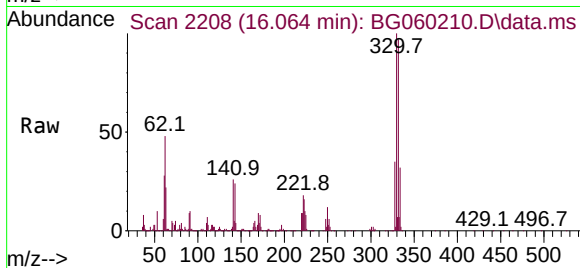
Tgt Ion:330 Resp: 823868

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 26.0 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 57.835 ng

RT: 13.197 min Scan# 1720

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

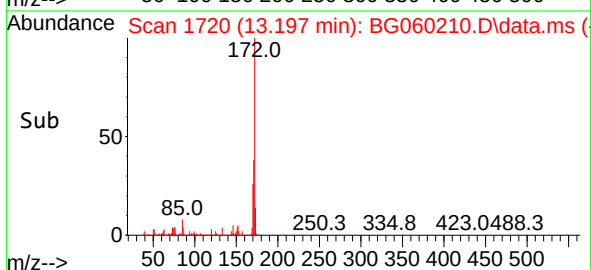
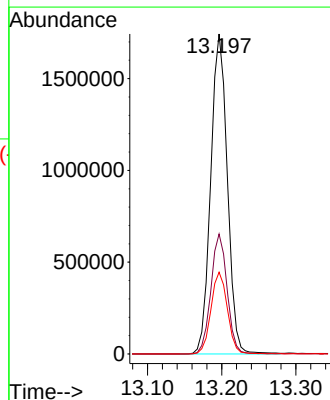
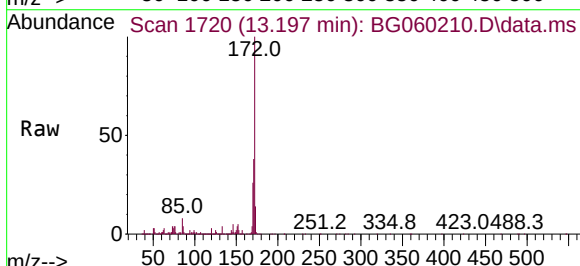
Tgt Ion:172 Resp: 2716998

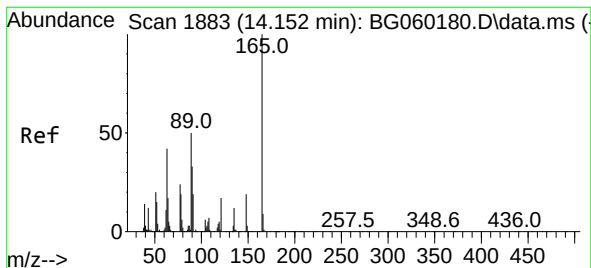
Ion Ratio Lower Upper

172 100

171 37.5 32.6 48.8

170 25.5 21.8 32.6

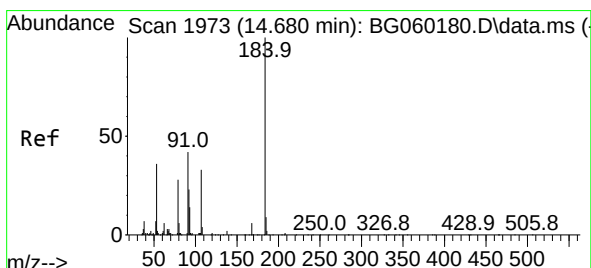
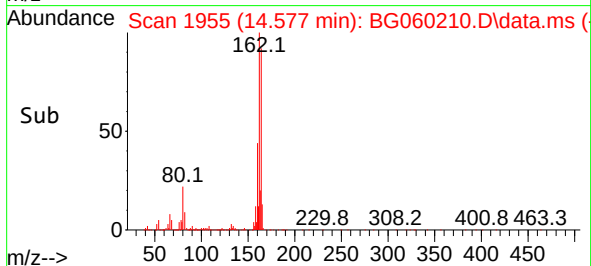
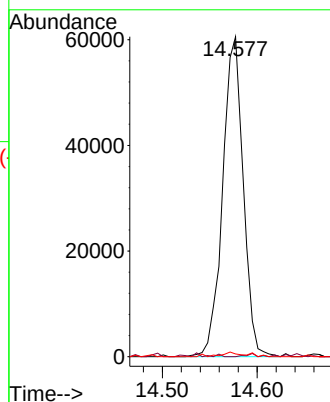
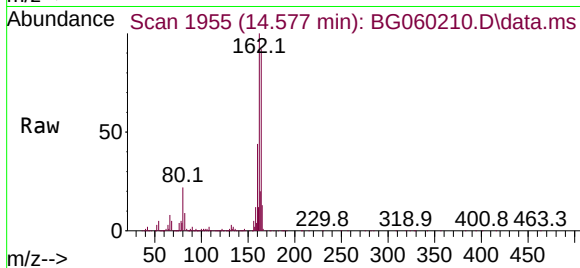




#51
2,6-Dinitrotoluene
Concen: 8.440 ng
RT: 14.577 min Scan# 1989
Delta R.T. 0.426 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

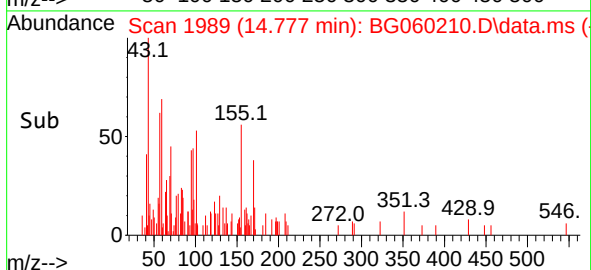
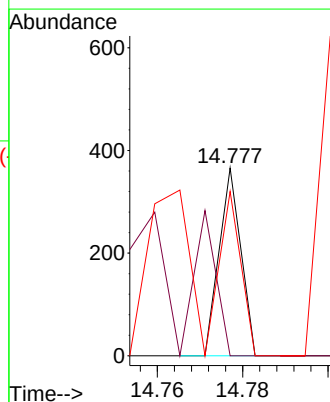
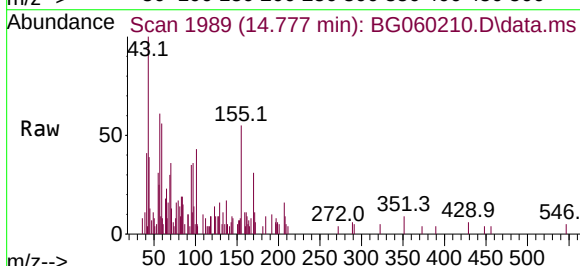
Instrument :
BNA_G
ClientSampleId :

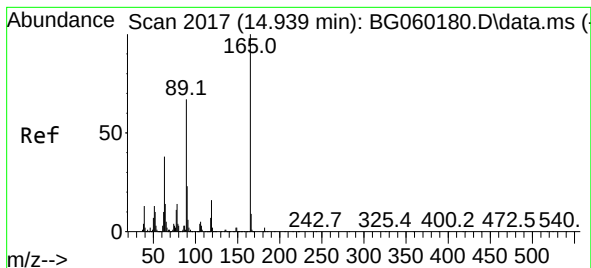
Tgt Ion:165 Resp: 91508
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.255 ng
RT: 14.777 min Scan# 1989
Delta R.T. 0.097 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

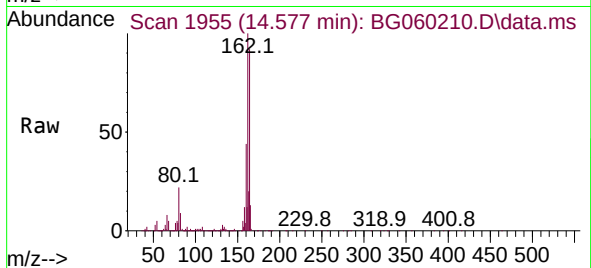
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 87.4 40.0 60.0#



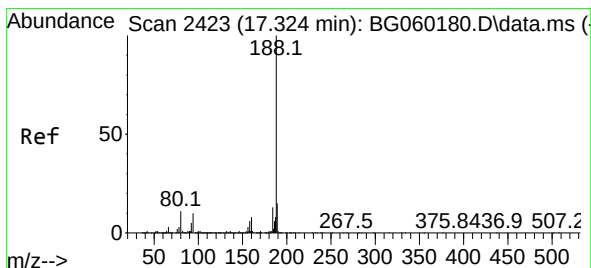
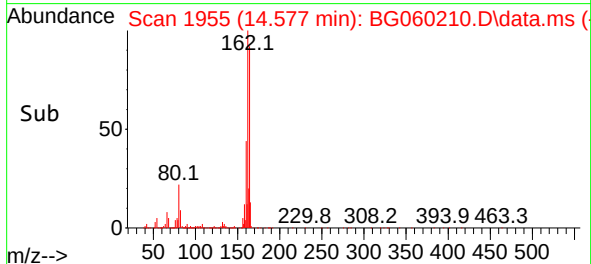
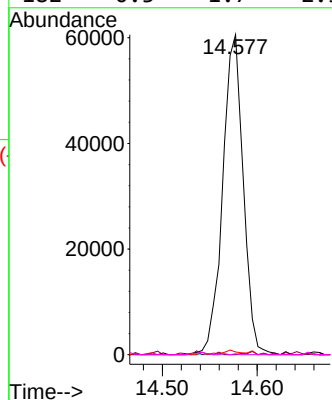


#57
2,4-Dinitrotoluene
Concen: 6.207 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.362 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Instrument :
BNA_G
ClientSampleId :

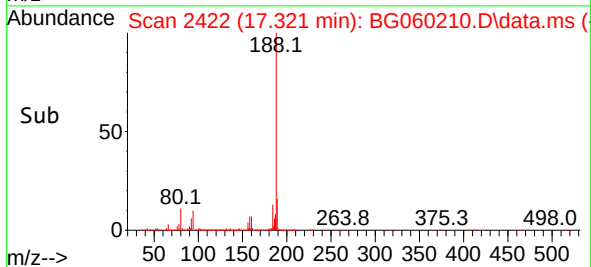
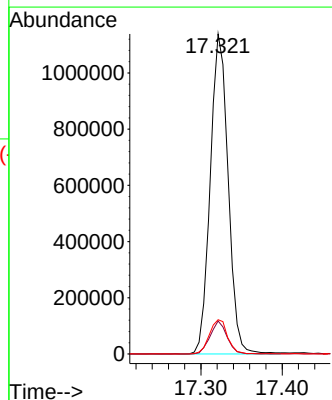
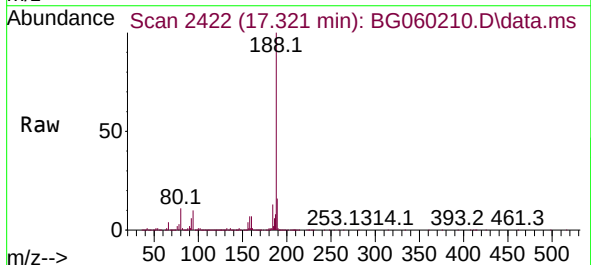


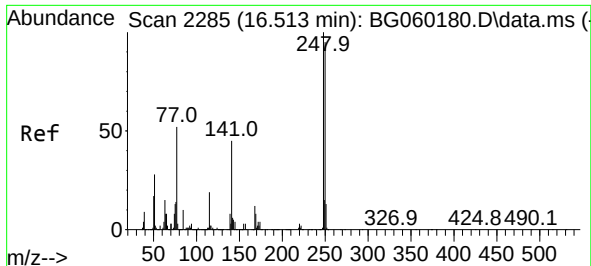
Tgt Ion:165 Resp: 91508
Ion Ratio Lower Upper
165 100
63 0.0 31.0 46.6#
89 0.9 53.3 79.9#
182 0.3 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion:188 Resp: 1740850
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.7 8.6 13.0

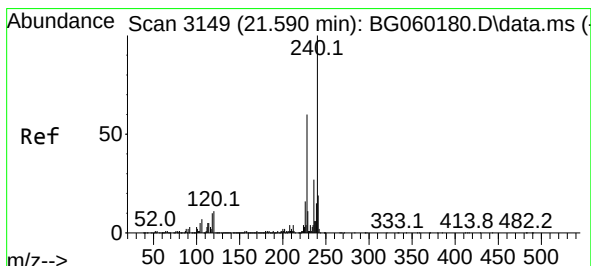
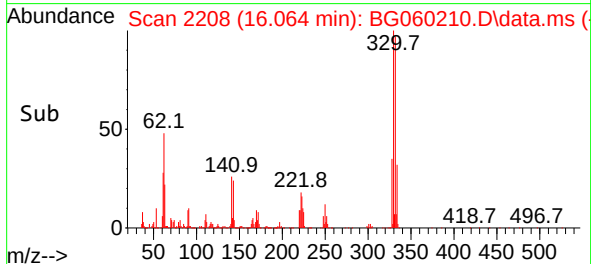
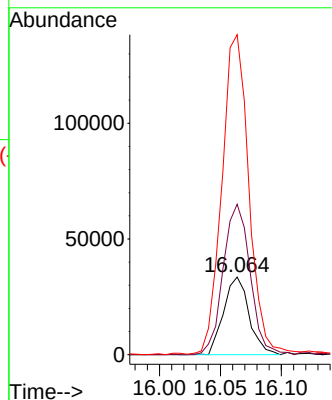
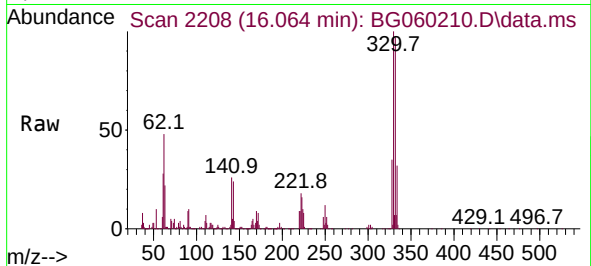




#67
4-Bromophenyl-phenylether
Concen: 2.638 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

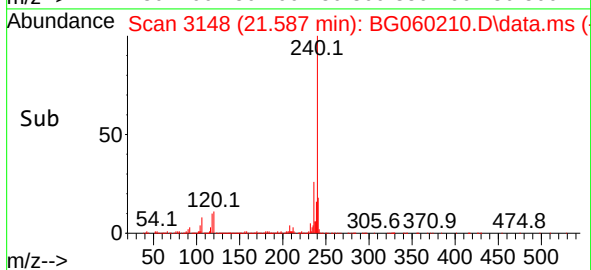
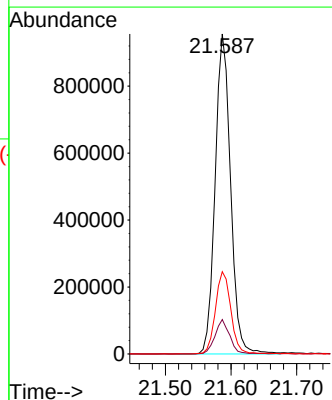
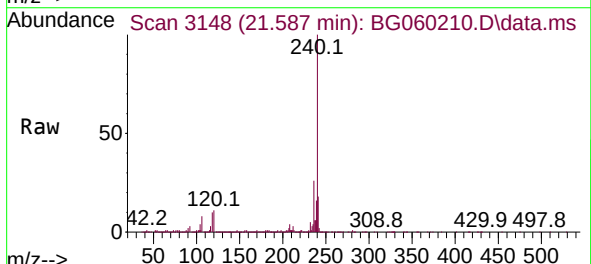
Instrument :
BNA_G
ClientSampleId :

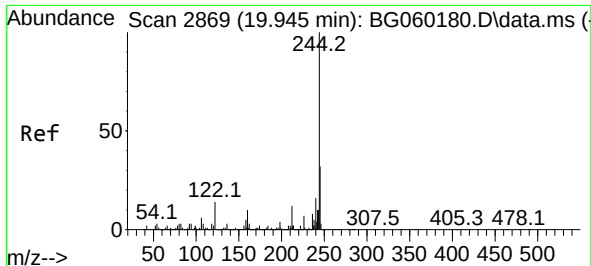
Tgt Ion:248 Resp: 48698
Ion Ratio Lower Upper
248 100
250 193.6 76.2 114.4#
141 411.9 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion:240 Resp: 1555892
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.7 21.4 32.2

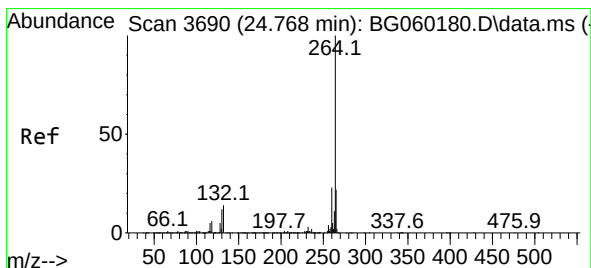
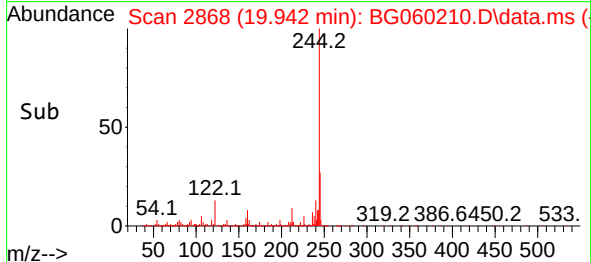
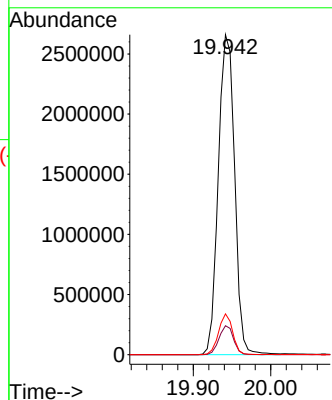
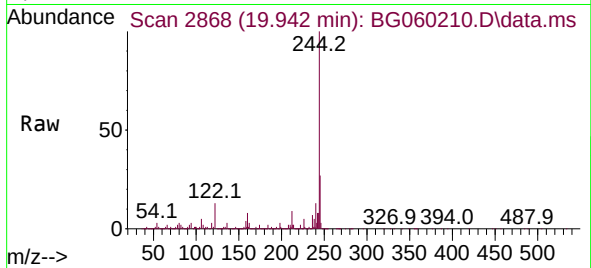




#79
 Terphenyl-d14
 Concen: 48.191 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060210.D
 Acq: 3 Jan 2024 2:36

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 3900174
 Ion Ratio Lower Upper
 244 100
 212 9.0 9.5 14.3#
 122 12.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.003 min
 Lab File: BG060210.D
 Acq: 3 Jan 2024 2:36

Tgt Ion:264 Resp: 1729688
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.0 27.0
 265 21.8 17.4 26.0

