

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060212.D
 Acq On : 3 Jan 2024 3:57
 Operator : MA/JU
 Sample : 05900-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 05:06:29 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)

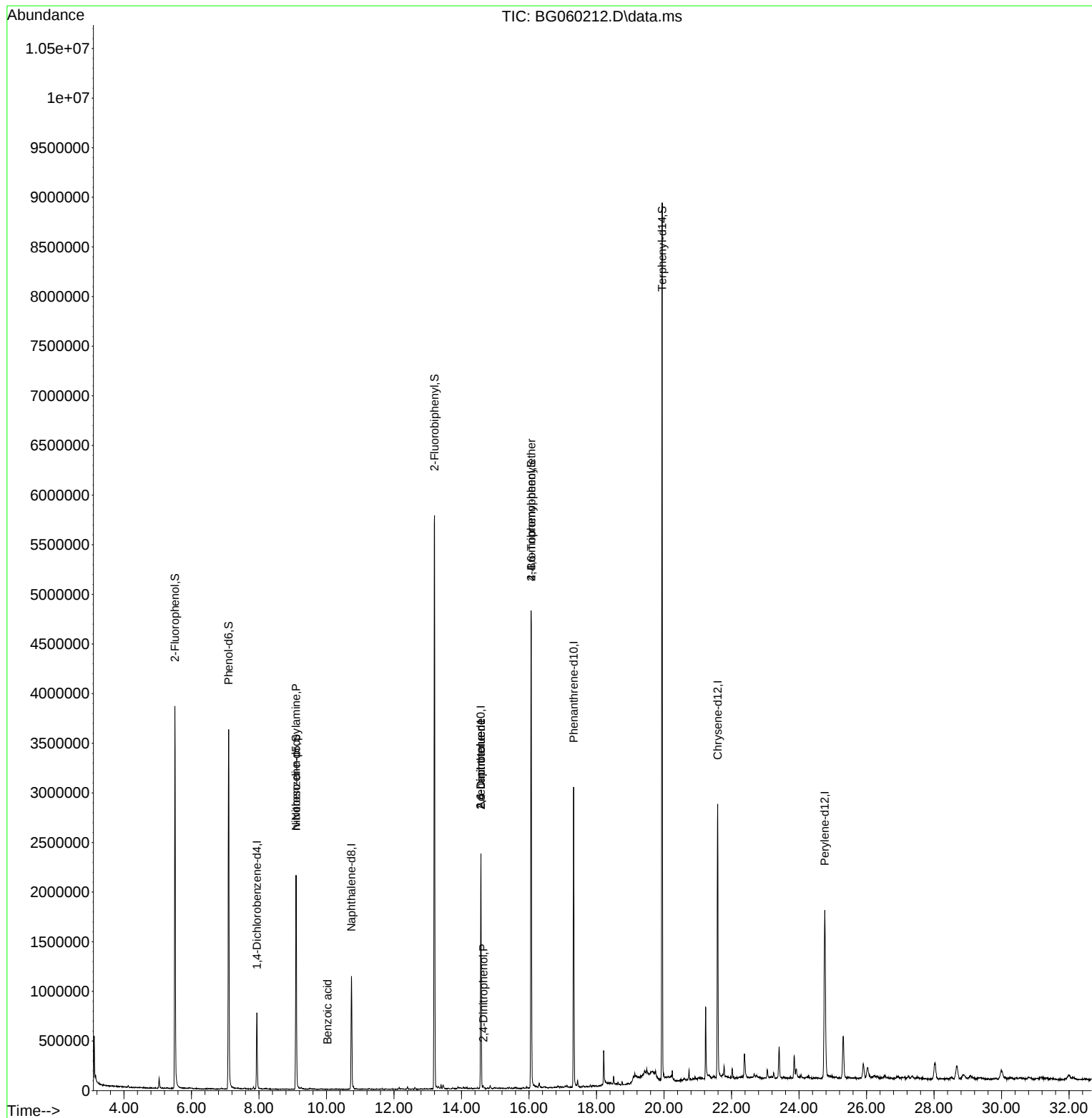
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	242662	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1018354	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	802709	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1981406	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1673224	20.000	ng	0.00
86) Perylene-d12	24.762	264	1841297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1812429	112.732	ng	0.00
7) Phenol-d6	7.101	99	2383623	99.854	ng	0.00
23) Nitrobenzene-d5	9.098	82	1460466	66.243	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1031140	95.964	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3299080	59.069	ng	0.00
79) Terphenyl-d14	19.945	244	4218305	48.467	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	177007	10.854	ng	# 84
32) Benzoic acid	10.033	122	169	10.284	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	111457	8.646	ng	# 29
54) 2,4-Dinitrophenol	14.651	184	82	8.246	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	111457	6.359	ng	# 26
67) 4-Bromophenyl-phenylether	16.067	248	60882	2.898	ng	# 1

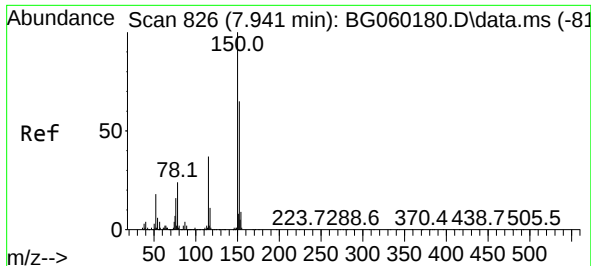
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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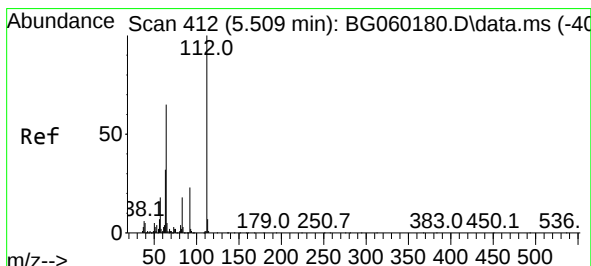
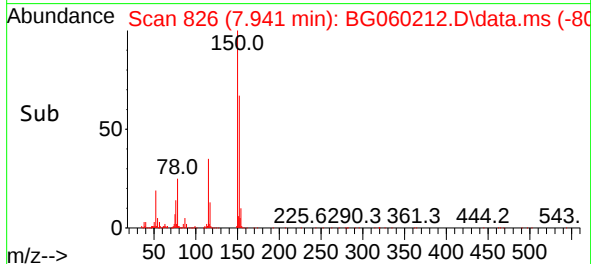
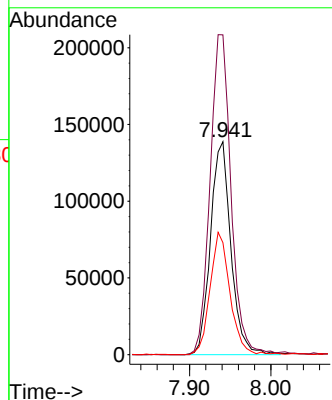
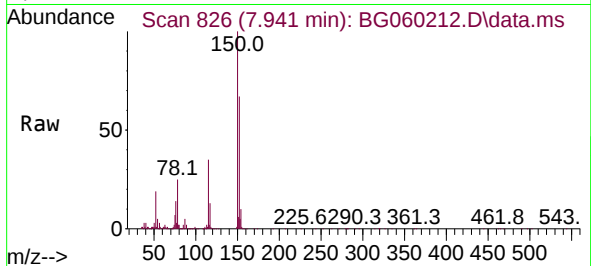




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

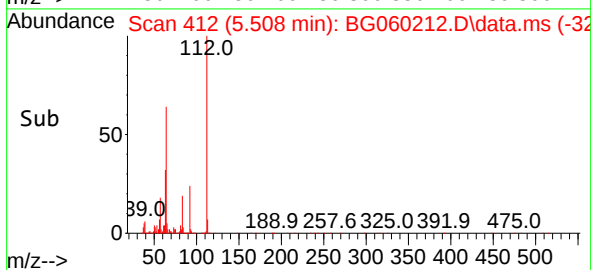
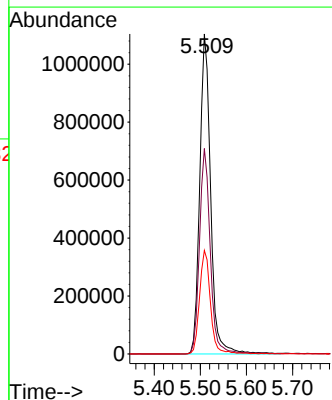
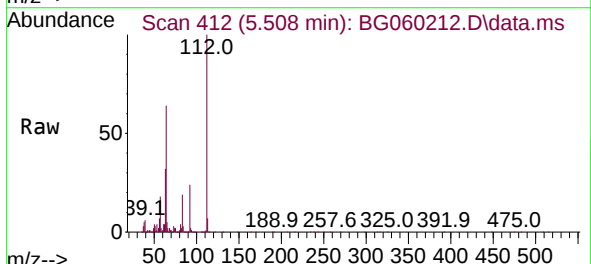
Instrument :
BNA_G
ClientSampleId :

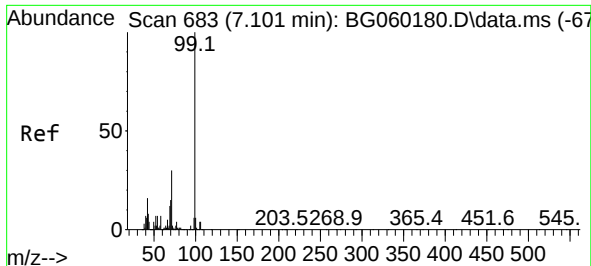
Tgt Ion:152 Resp: 242662
Ion Ratio Lower Upper
152 100
150 150.2 123.4 185.0
115 52.6 45.4 68.0



#5
2-Fluorophenol
Concen: 112.732 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Tgt Ion:112 Resp: 1812429
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.4
63 32.4 25.4 38.0

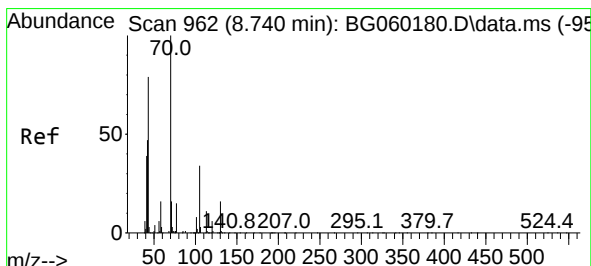
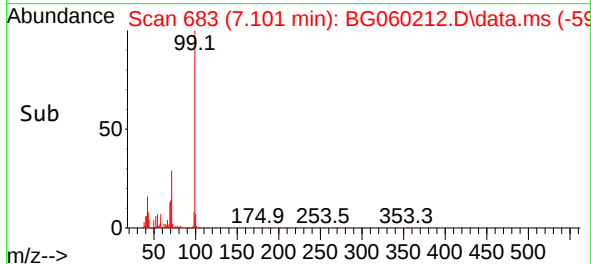
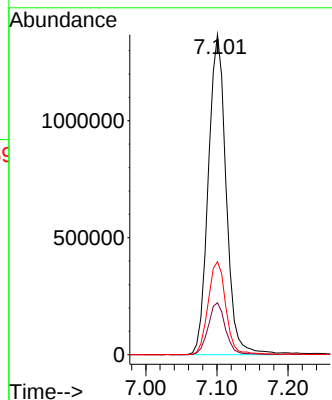
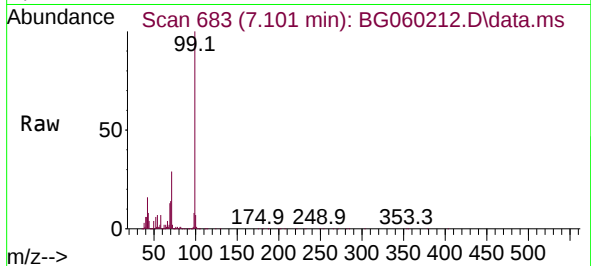




#7
Phenol-d6
Concen: 99.854 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

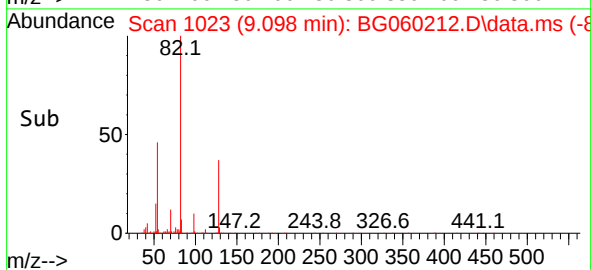
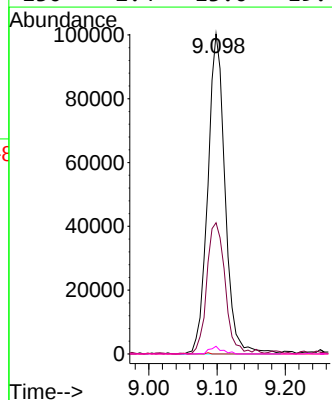
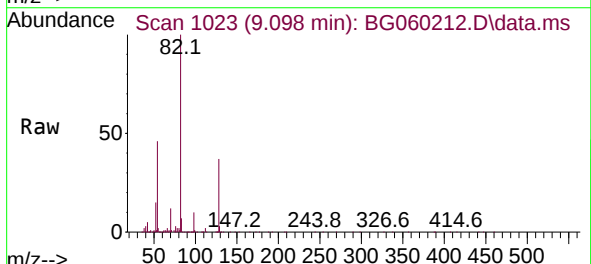
Instrument :
BNA_G
ClientSampleId :

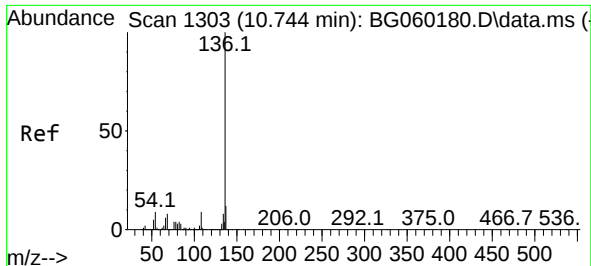
Tgt Ion: 99 Resp: 2383623
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 29.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.854 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

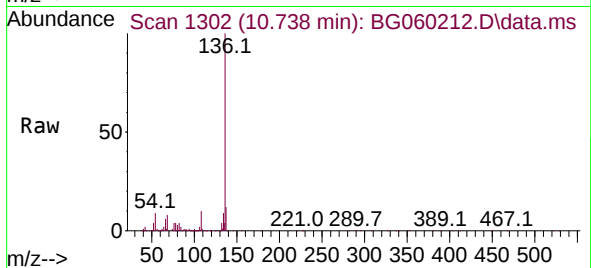
Tgt Ion: 70 Resp: 177007
Ion Ratio Lower Upper
70 100
42 41.0 37.9 56.9
101 0.0 6.2 9.2#
130 2.4 13.0 19.4#





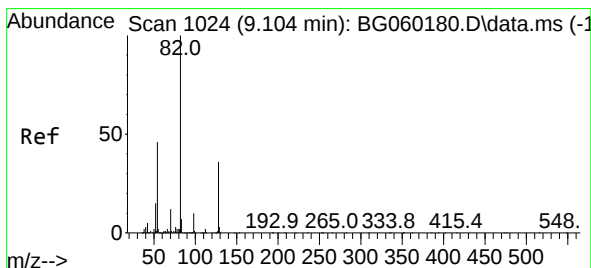
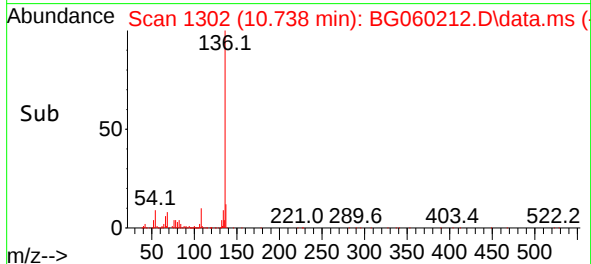
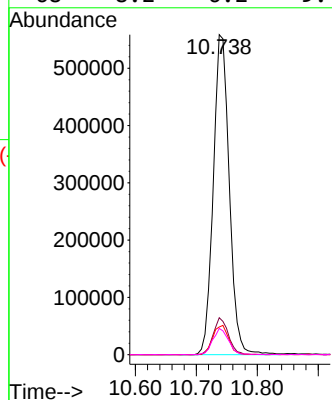
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:136 Resp: 1018354

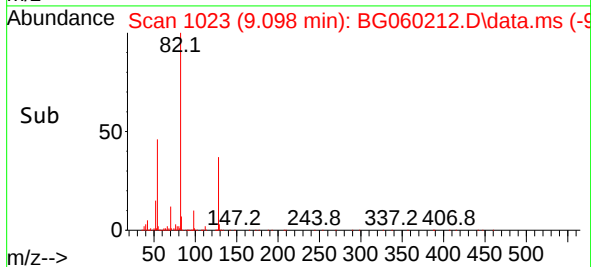
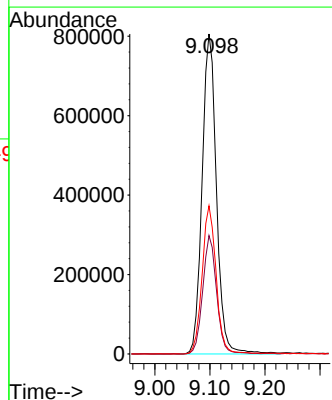
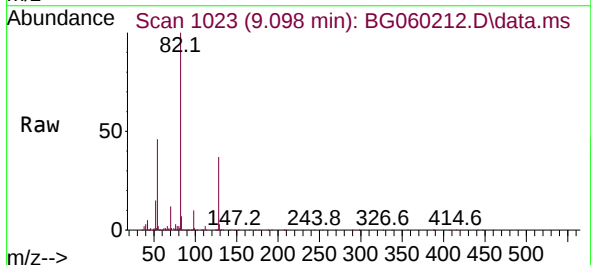
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	8.7	7.4	11.2
68	8.2	6.2	9.4

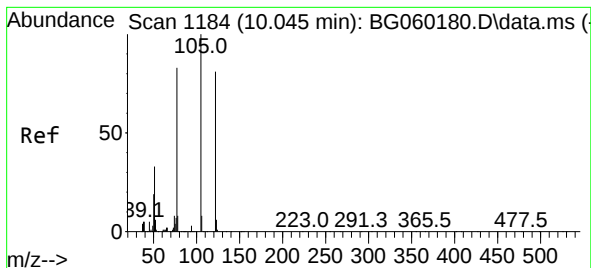


#23
Nitrobenzene-d5
Concen: 66.243 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Tgt Ion: 82 Resp: 1460466

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.7	43.1
54	46.3	36.9	55.3





#32

Benzoic acid

Concen: 10.284 ng

RT: 10.033 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BG060212.D

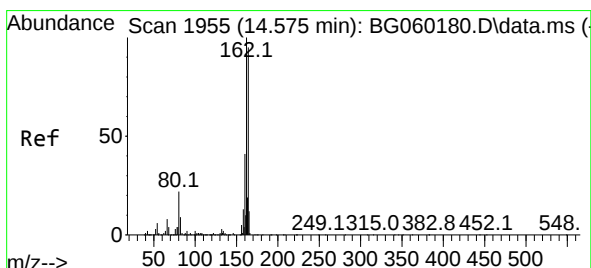
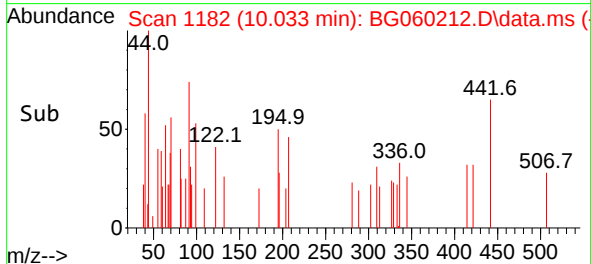
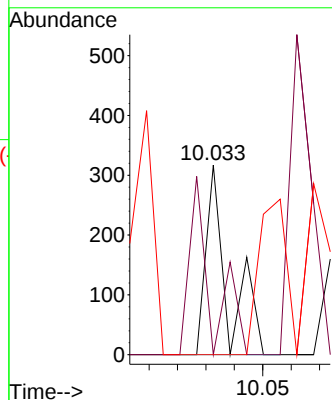
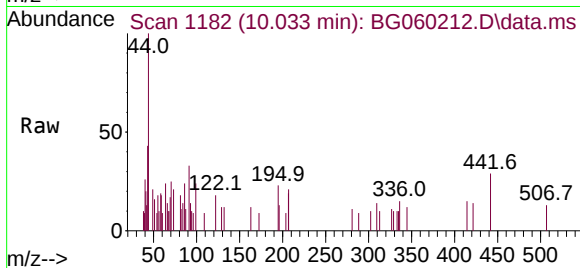
Acq: 3 Jan 2024 3:57

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122	Resp:	169
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

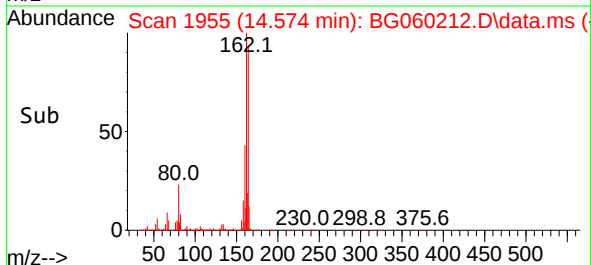
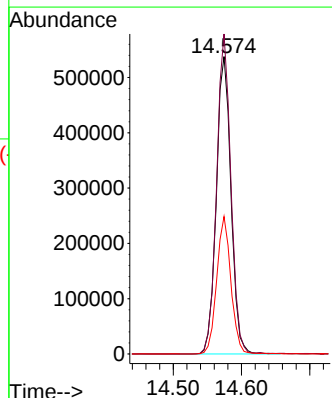
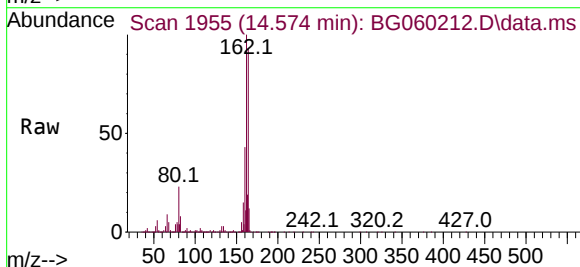
RT: 14.574 min Scan# 1955

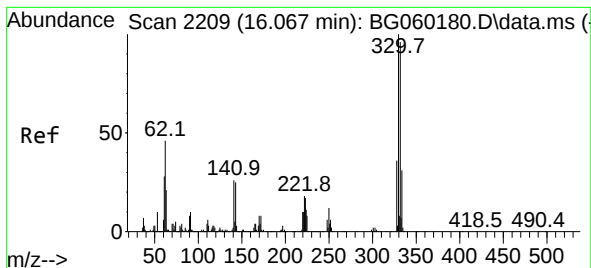
Delta R.T. -0.000 min

Lab File: BG060212.D

Acq: 3 Jan 2024 3:57

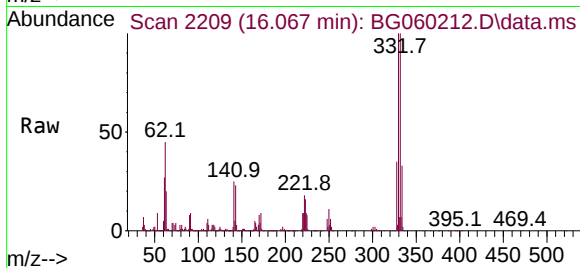
Tgt Ion:164	Resp:	802709
Ion Ratio	Lower	Upper
164	100	
162	107.6	83.9 125.9
160	46.2	34.2 51.4



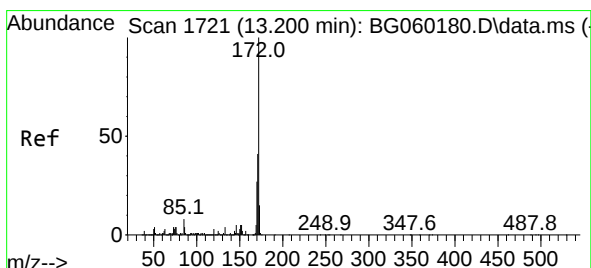
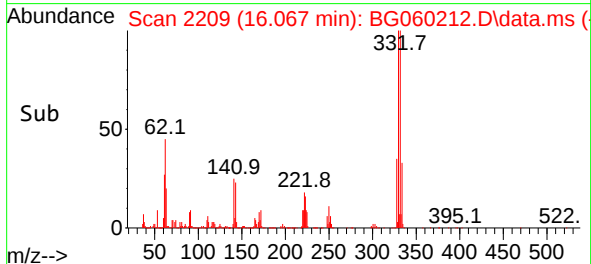
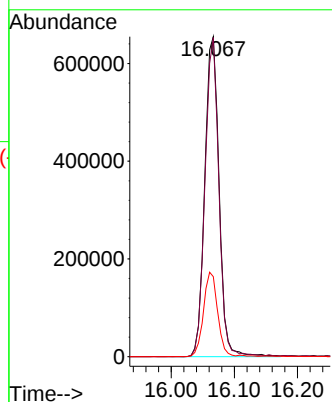


#42
2,4,6-Tribromophenol
Concen: 95.964 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Instrument :
BNA_G
ClientSampleId :

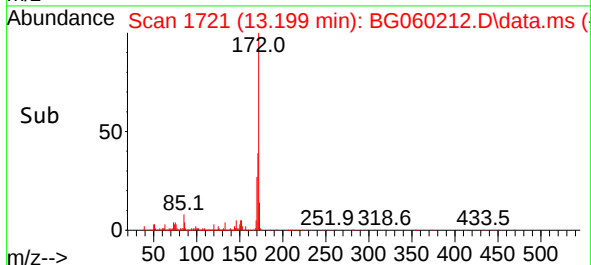
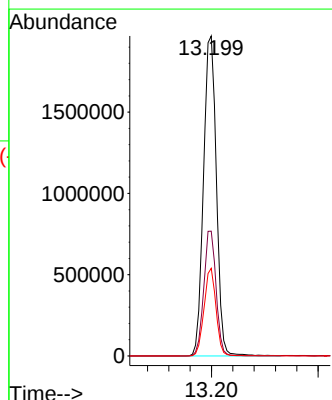
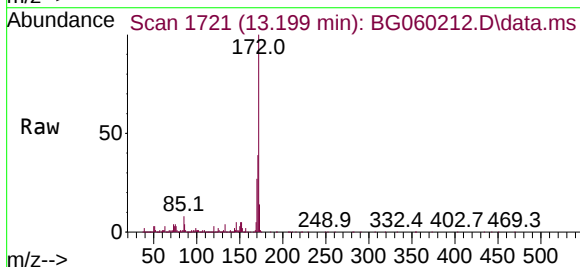


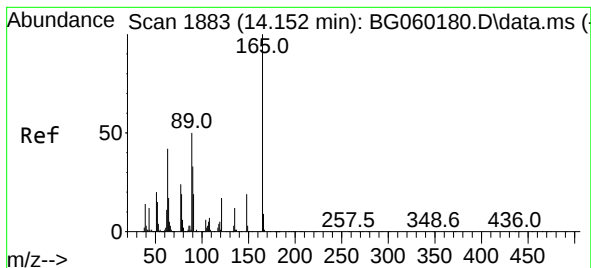
Tgt Ion:330 Resp: 1031140
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 26.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 59.069 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Tgt Ion:172 Resp: 3299080
Ion Ratio Lower Upper
172 100
171 39.0 32.6 48.8
170 27.4 21.8 32.6

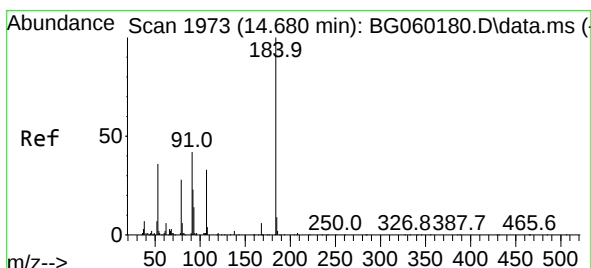
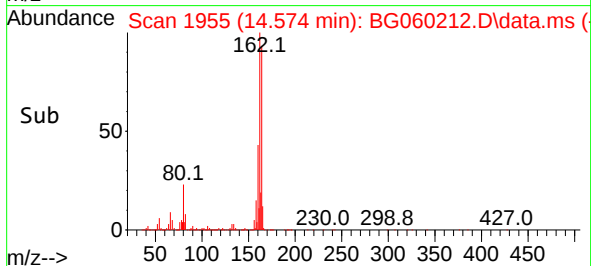
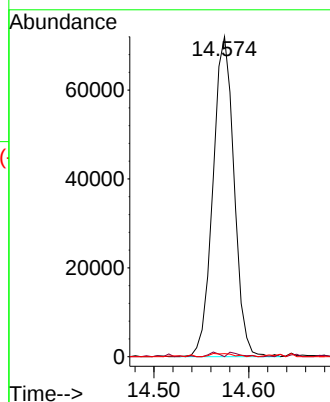
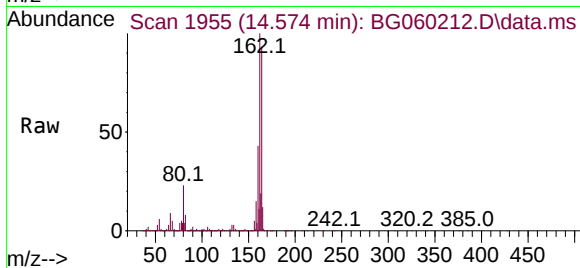




#51
2,6-Dinitrotoluene
Concen: 8.646 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

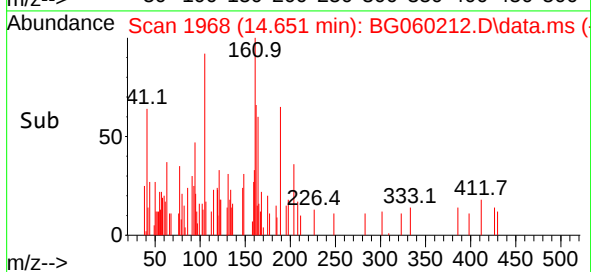
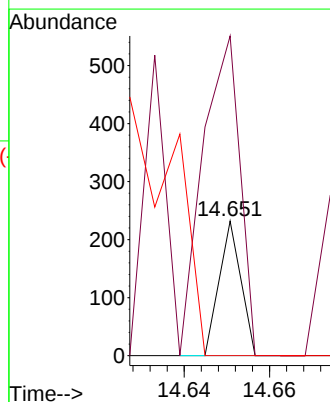
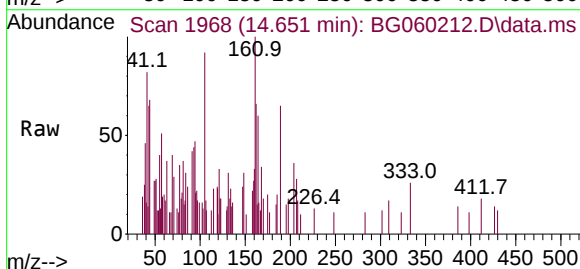
Instrument :
BNA_G
ClientSampleId :

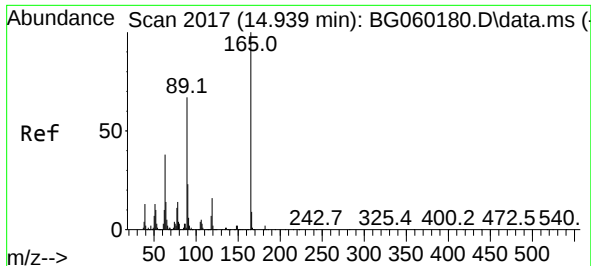
Tgt Ion:165 Resp: 111457
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 1.0 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.246 ng
RT: 14.651 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

Tgt Ion:184 Resp: 82
Ion Ratio Lower Upper
184 100
63 237.5 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.359 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.364 min

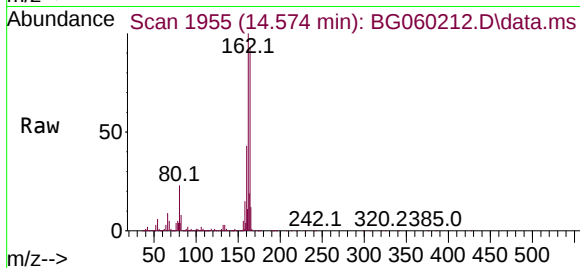
Lab File: BG060212.D

Acq: 3 Jan 2024 3:57

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 111457

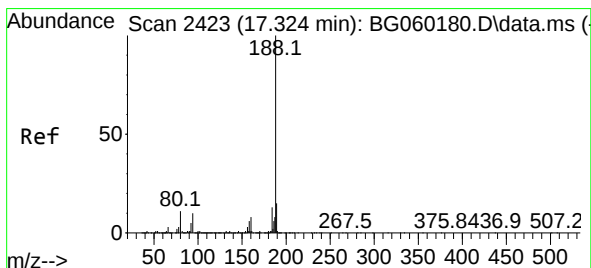
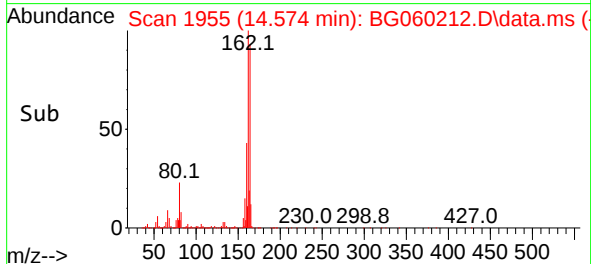
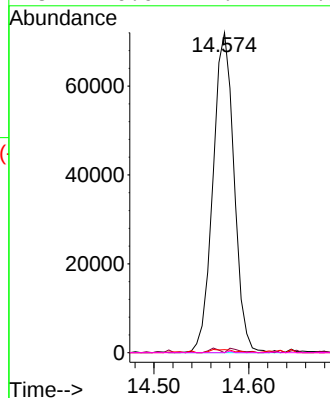
Ion Ratio Lower Upper

165 100

63 0.0 31.0 46.6#

89 1.0 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG060212.D

Acq: 3 Jan 2024 3:57

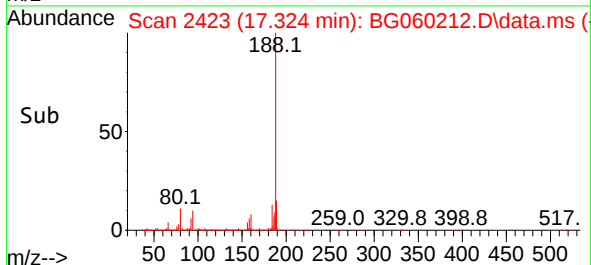
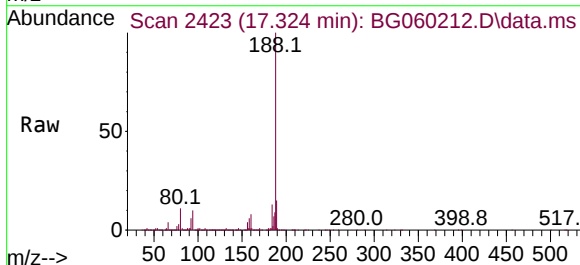
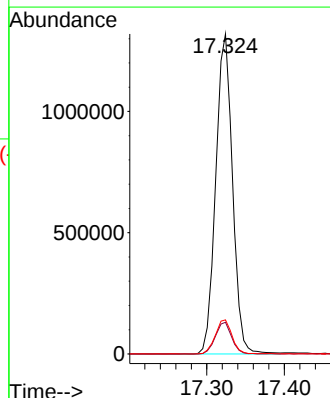
Tgt Ion:188 Resp: 1981406

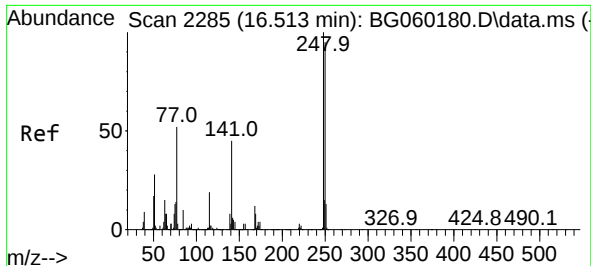
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.7 8.6 13.0

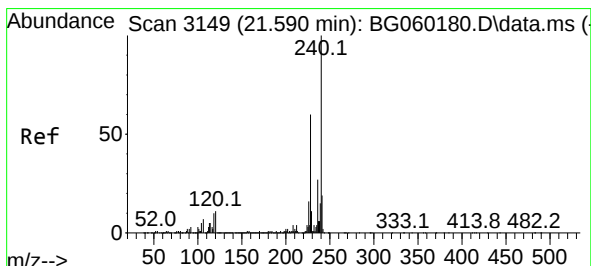
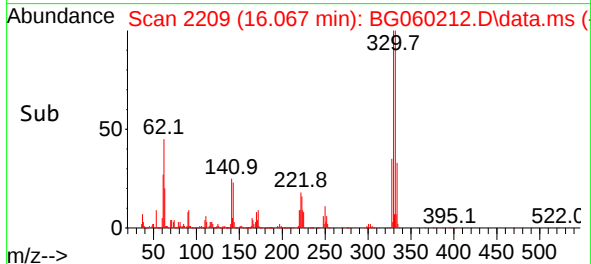
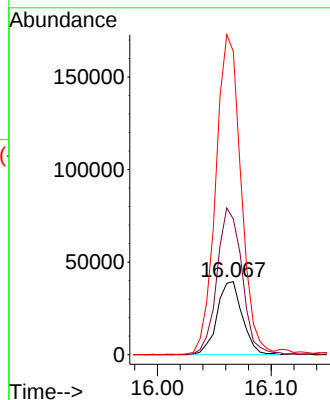
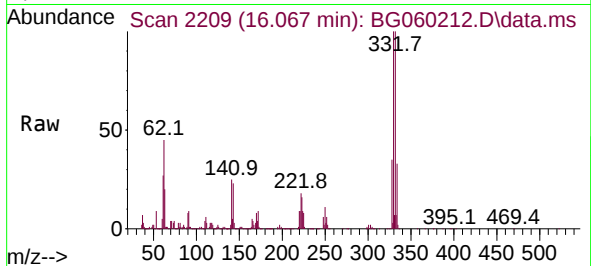




#67
4-Bromophenyl-phenylether
Concen: 2.898 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

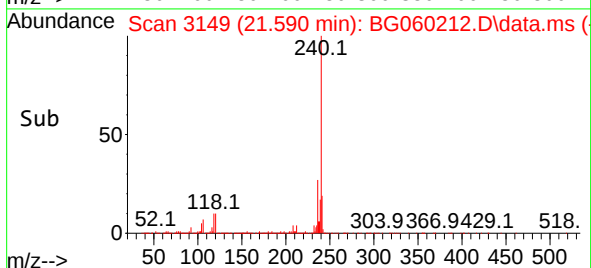
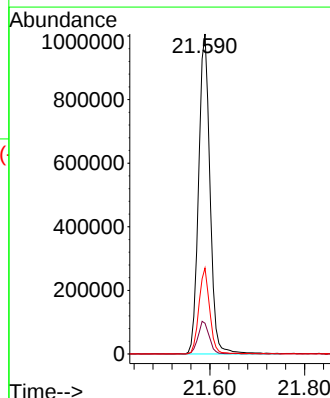
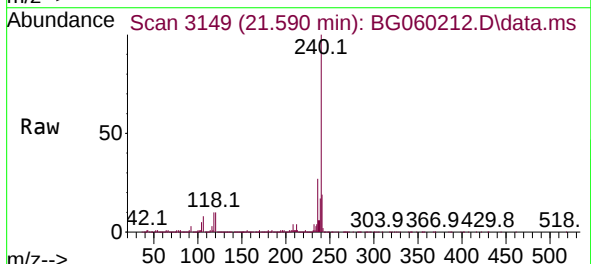
Instrument :
BNA_G
ClientSampleId :

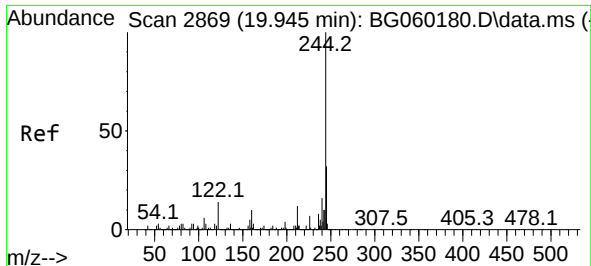
Tgt Ion:248 Resp: 60882
Ion Ratio Lower Upper
248 100
250 146.7 76.2 114.4#
141 327.7 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060212.D
Acq: 3 Jan 2024 3:57

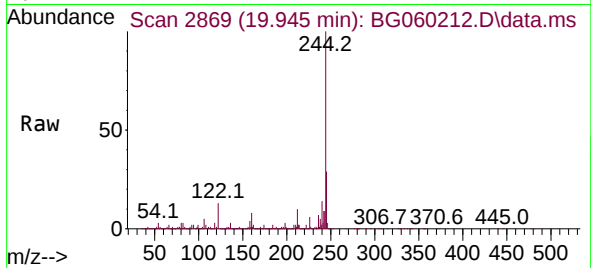
Tgt Ion:240 Resp: 1673224
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 26.9 21.4 32.2



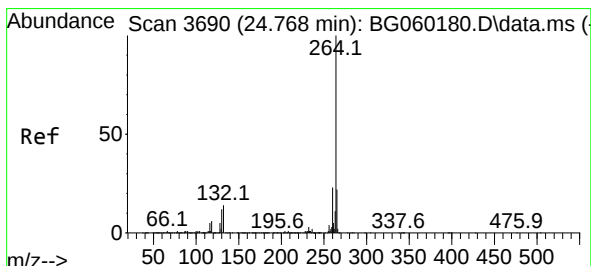
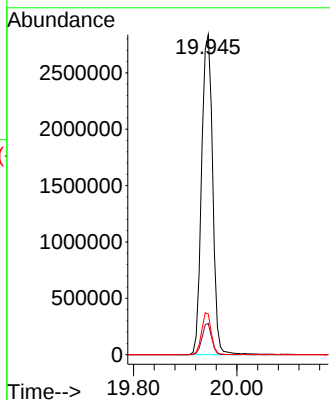
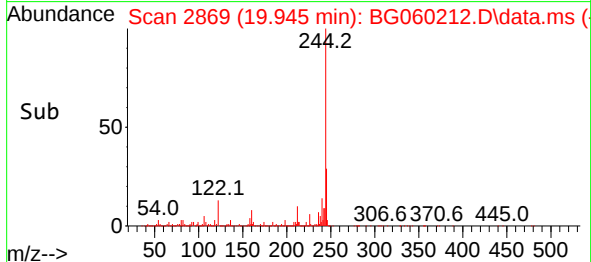


#79
 Terphenyl-d14
 Concen: 48.467 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060212.D
 Acq: 3 Jan 2024 3:57

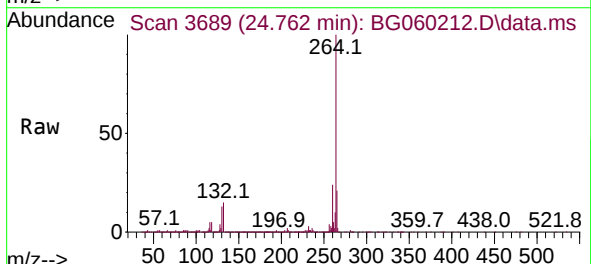
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 4218305
 Ion Ratio Lower Upper
 244 100
 212 9.8 9.5 14.3
 122 12.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060212.D
 Acq: 3 Jan 2024 3:57



Tgt Ion:264 Resp: 1841297
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.0 27.0
 265 21.1 17.4 26.0

