

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060218.D
 Acq On : 3 Jan 2024 7:59
 Operator : MA/JU
 Sample : 05900-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 14:38:32 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)

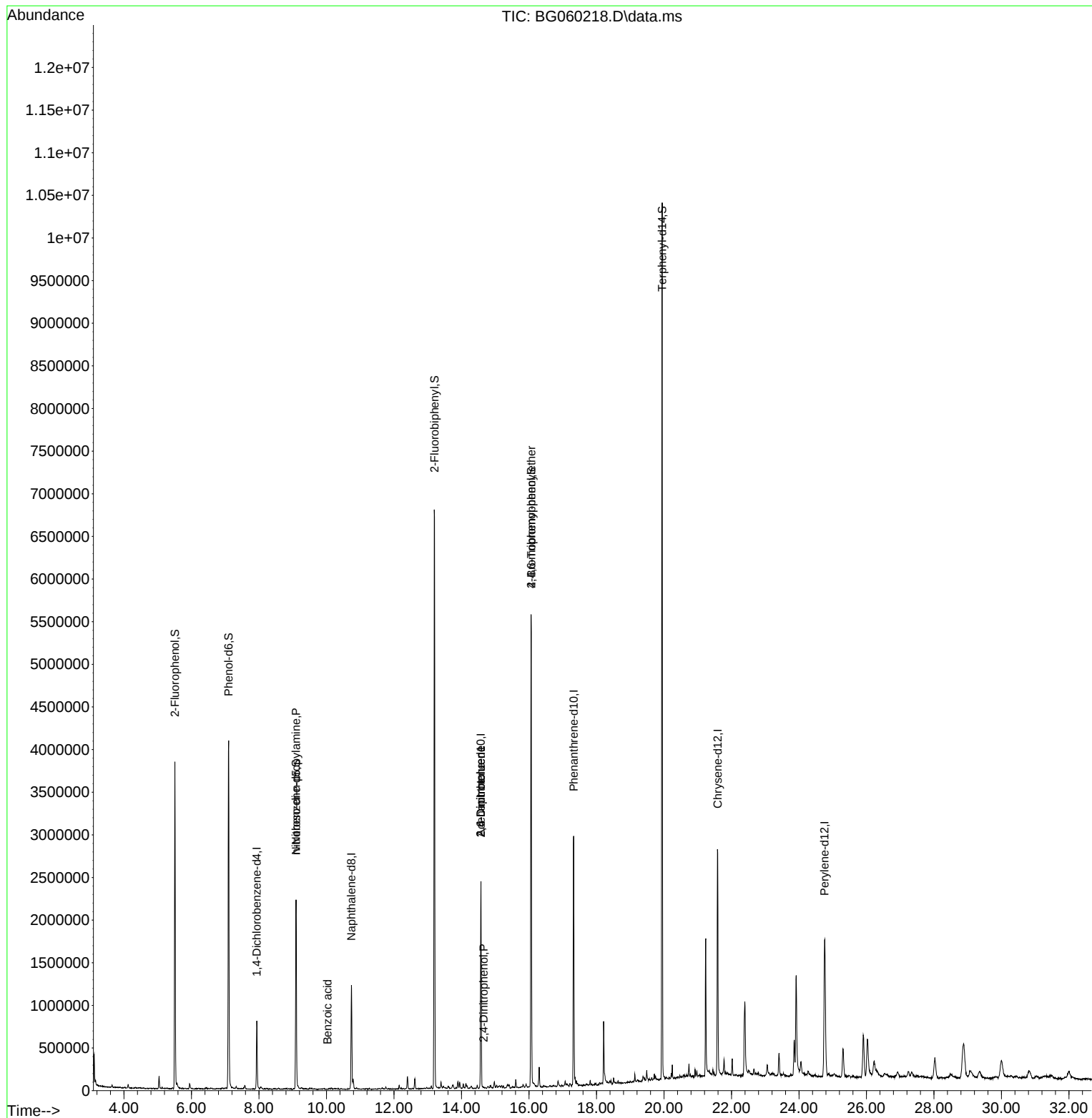
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	238424	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1076651	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	865797	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1960419	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1617976	20.000	ng	0.00
86) Perylene-d12	24.757	264	1805502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1735619	109.873	ng	0.00
7) Phenol-d6	7.102	99	2691178	114.742	ng	0.00
23) Nitrobenzene-d5	9.099	82	1491151	63.973	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1135364	97.964	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3779555	62.741	ng	0.00
79) Terphenyl-d14	19.945	244	4786309	56.871	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	182113	11.366	ng	# 88
32) Benzoic acid	10.033	122	347	10.296	ng	# 17
51) 2,6-Dinitrotoluene	14.575	165	115636	8.317	ng	# 29
54) 2,4-Dinitrophenol	14.657	184	127	8.250	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	115636	6.116	ng	# 26
67) 4-Bromophenyl-phenylether	16.067	248	72111	3.469	ng	# 1

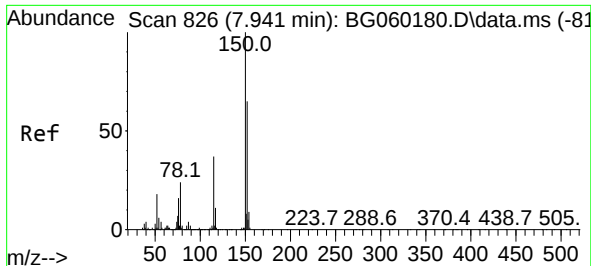
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
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Instrument :
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Quant Time: Jan 03 14:38:32 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

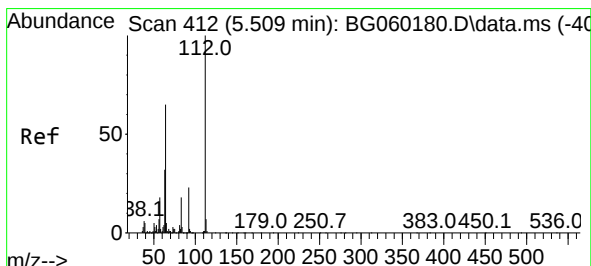
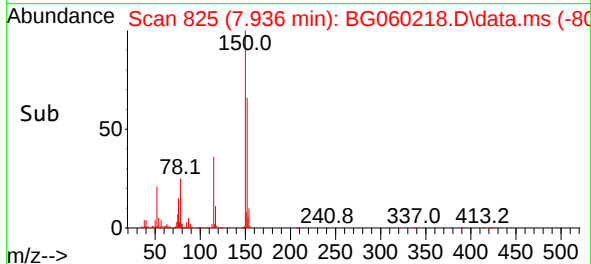
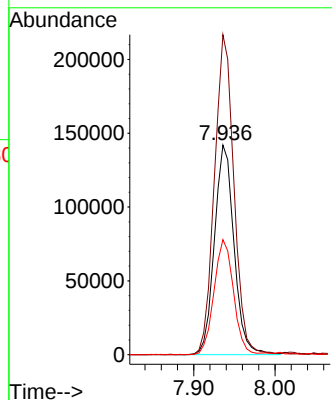
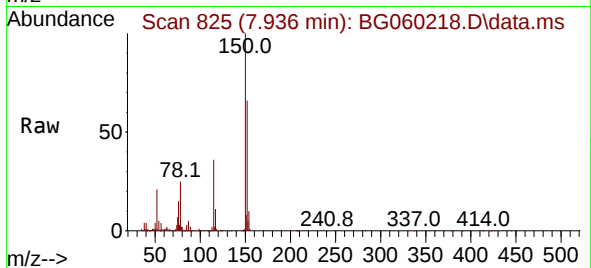




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

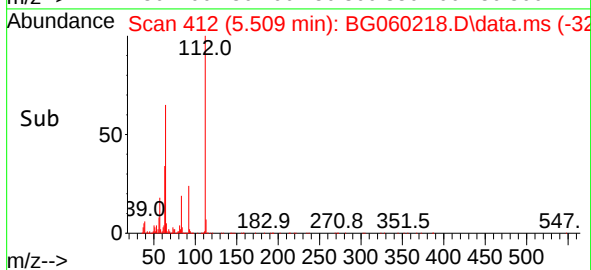
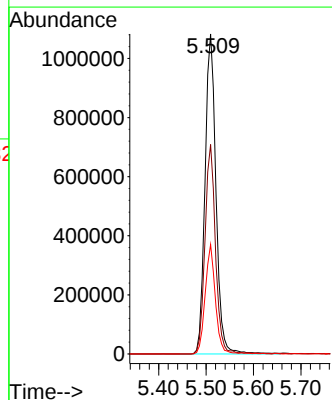
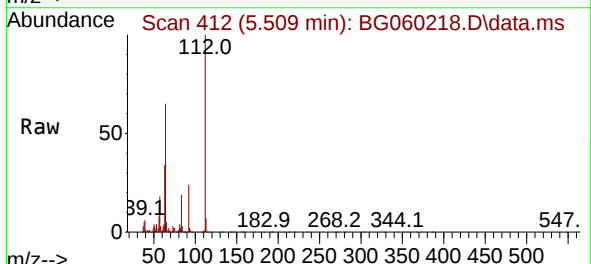
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 238424
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.0
115 54.8 45.4 68.0



#5
2-Fluorophenol
Concen: 109.873 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:112 Resp: 1735619
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 34.2 25.4 38.0

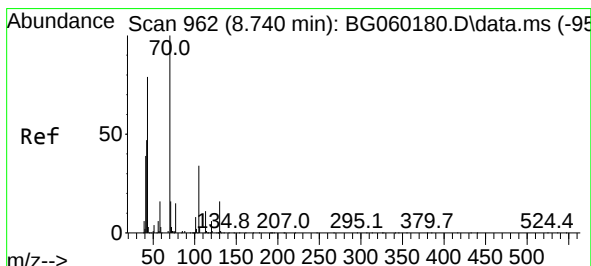
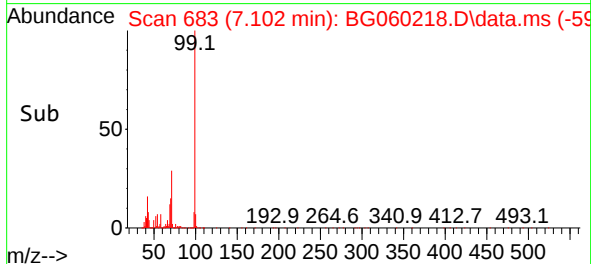
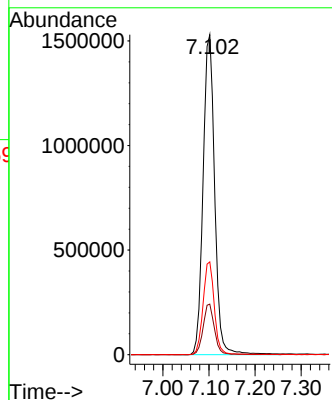
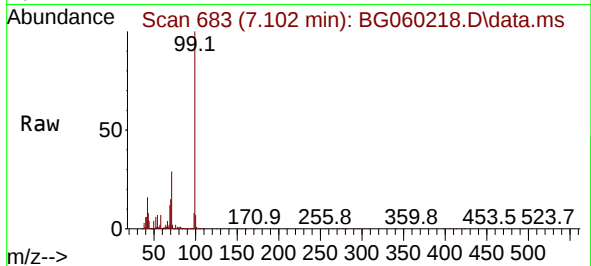




#7
Phenol-d6
Concen: 114.742 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

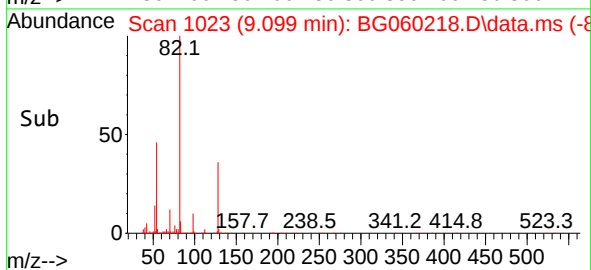
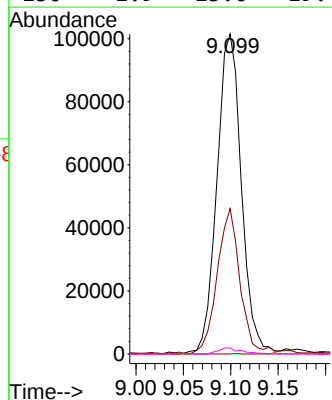
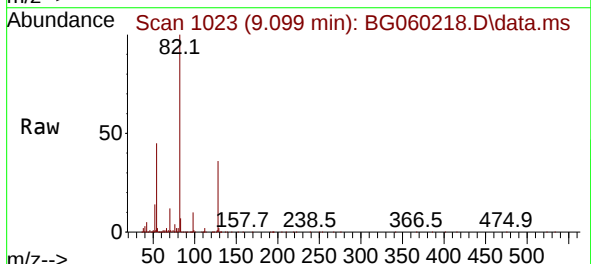
Instrument :
BNA_G
ClientSampleId :

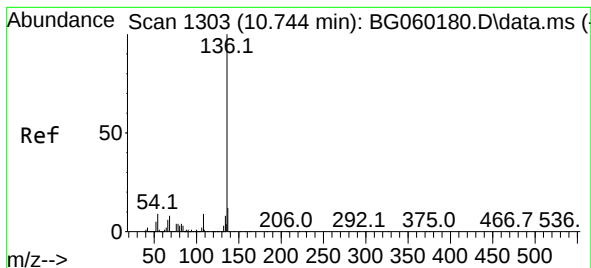
Tgt Ion: 99 Resp: 2691178
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 29.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.366 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion: 70 Resp: 182113
Ion Ratio Lower Upper
70 100
42 45.5 37.9 56.9
101 0.0 6.2 9.2#
130 1.9 13.0 19.4#

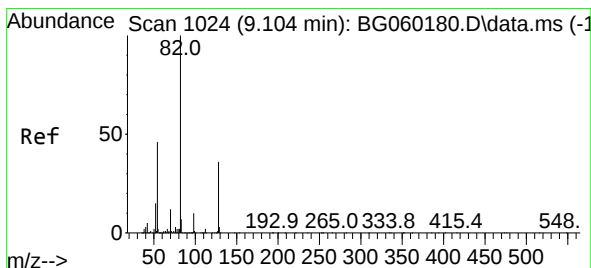
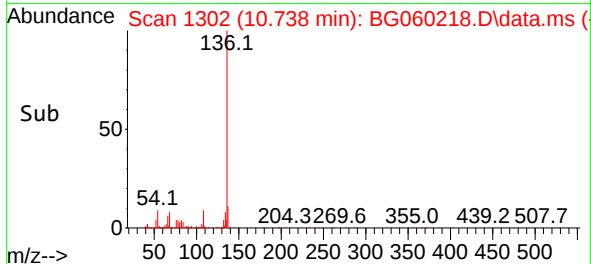
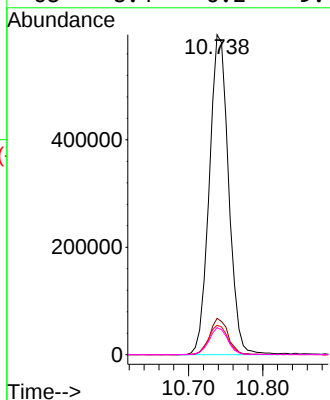
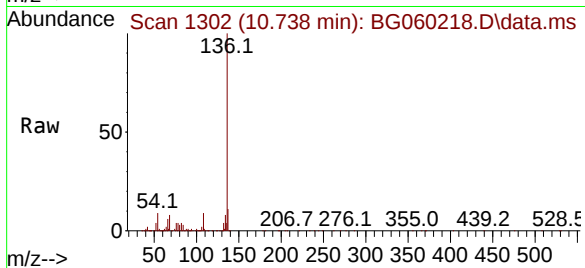




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

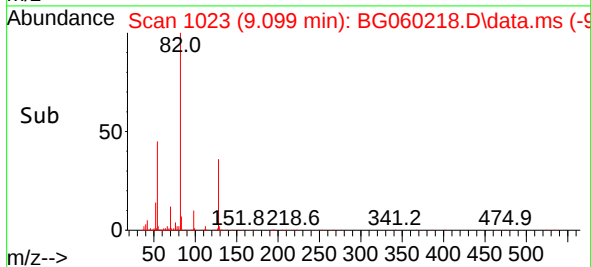
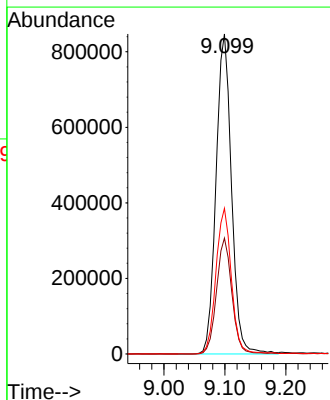
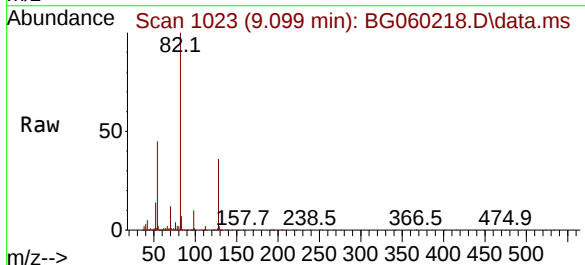
Instrument :
BNA_G
ClientSampleId :

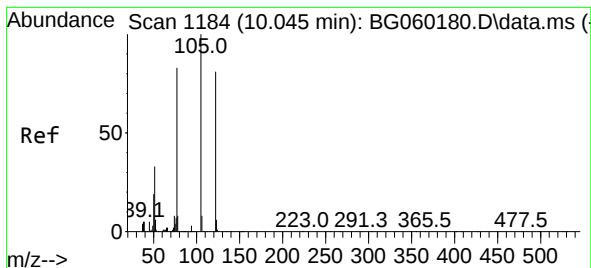
Tgt Ion:136 Resp: 1076651
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 9.2 7.4 11.2
68 8.4 6.2 9.4



#23
Nitrobenzene-d5
Concen: 63.973 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion: 82 Resp: 1491151
Ion Ratio Lower Upper
82 100
128 36.2 28.7 43.1
54 45.5 36.9 55.3





#32

Benzoic acid

Concen: 10.296 ng

RT: 10.033 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

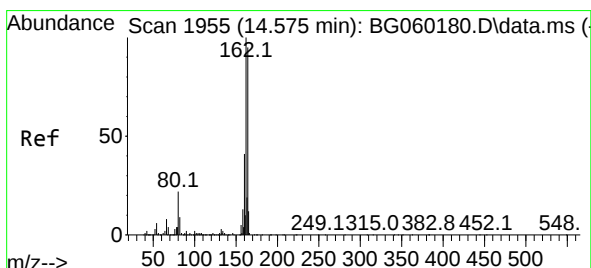
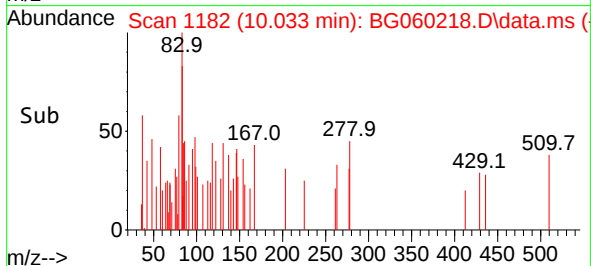
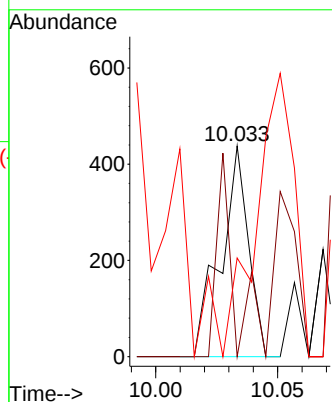
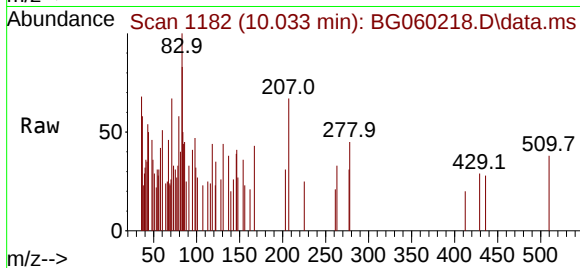
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122 Resp: 347

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.2	139.2#
77	46.8	81.0	121.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

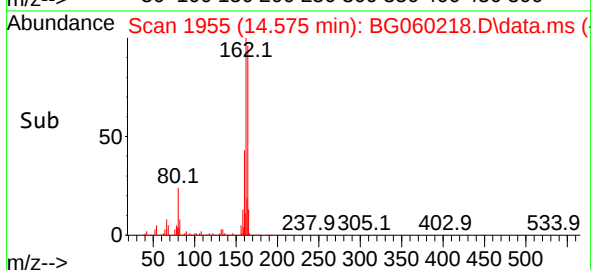
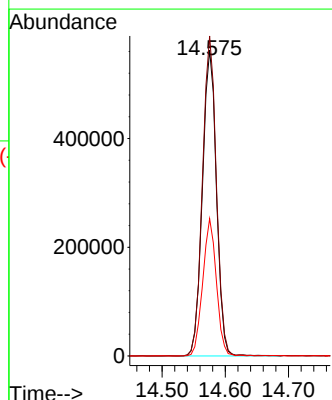
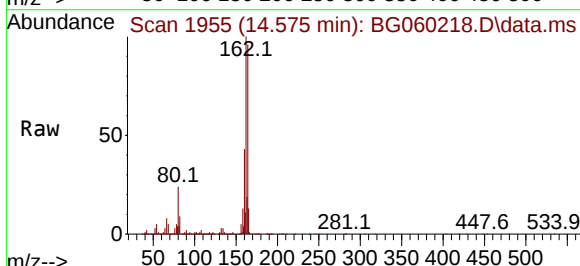
Delta R.T. 0.001 min

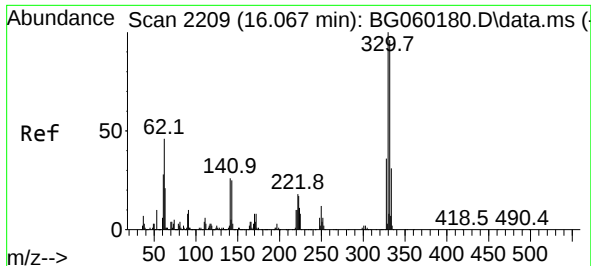
Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Tgt Ion:164 Resp: 865797

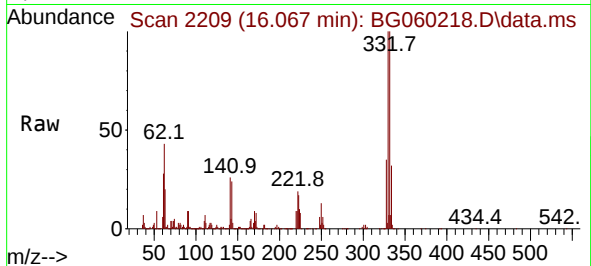
Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.9	125.9
160	44.9	34.2	51.4



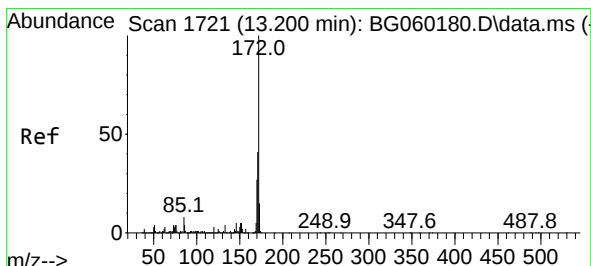
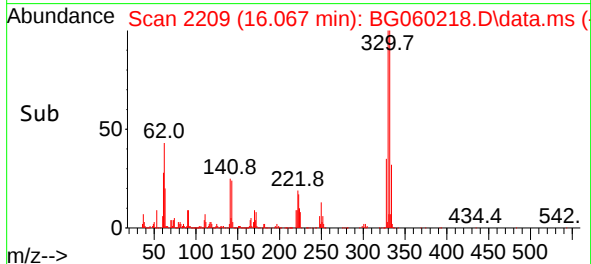
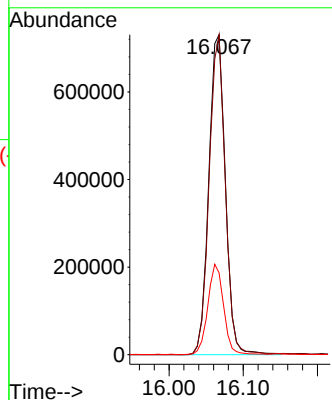


#42
2,4,6-Tribromophenol
Concen: 97.964 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Instrument :
BNA_G
ClientSampleId :

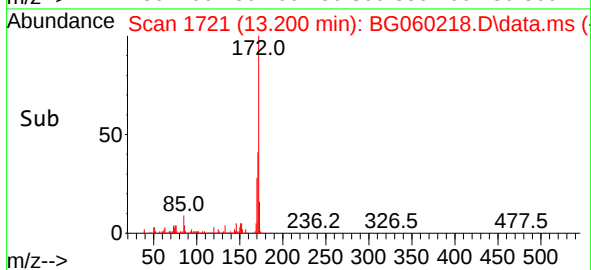
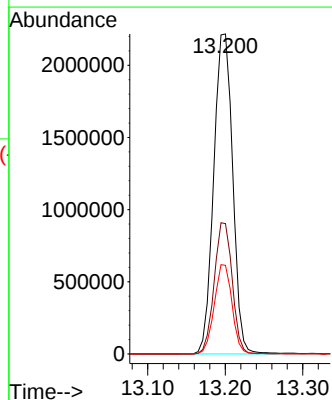
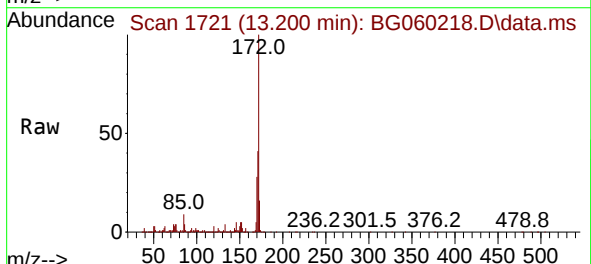


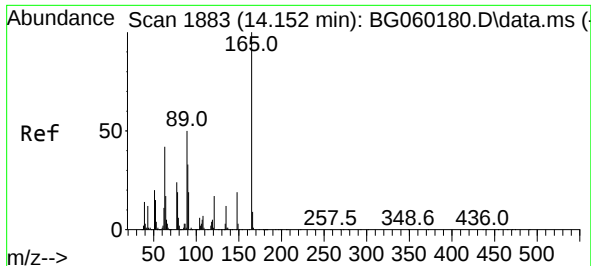
Tgt Ion:330 Resp: 1135364
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 27.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 62.741 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:172 Resp: 3779555
Ion Ratio Lower Upper
172 100
171 40.8 32.6 48.8
170 27.7 21.8 32.6

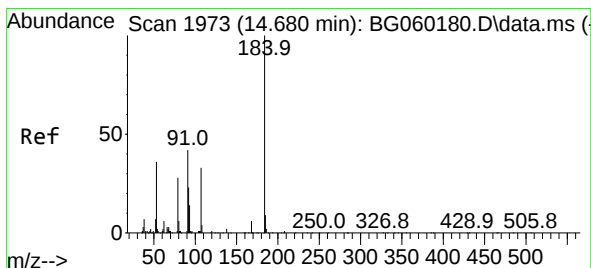
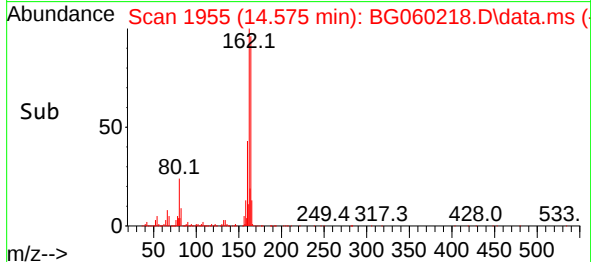
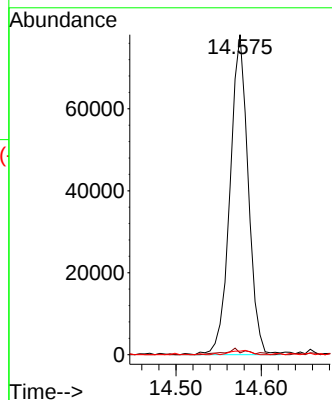
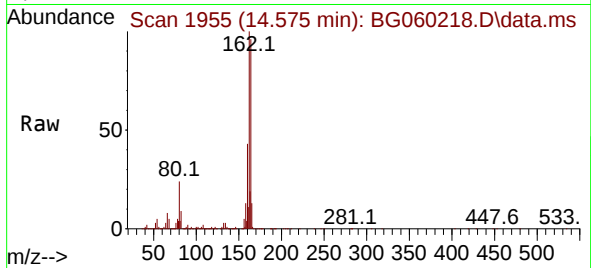




#51
2,6-Dinitrotoluene
Concen: 8.317 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.424 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

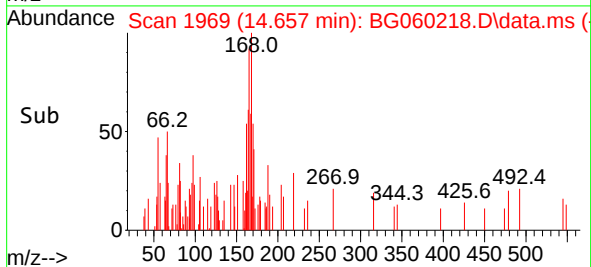
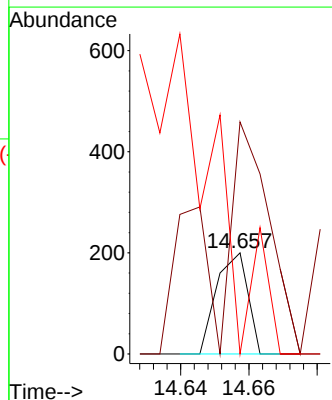
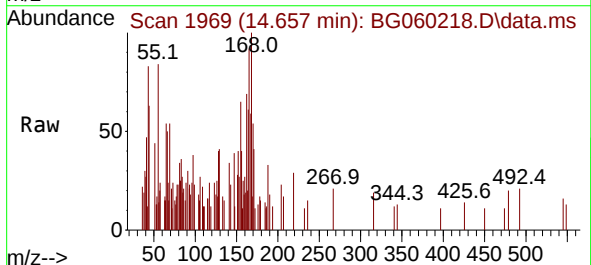
Instrument :
BNA_G
ClientSampleId :

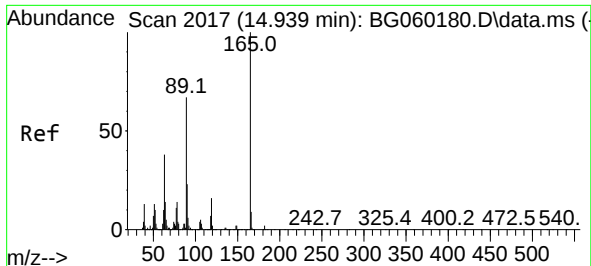
Tgt Ion:165 Resp: 115636
Ion Ratio Lower Upper
165 100
63 0.6 39.3 58.9#
89 1.1 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.250 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.023 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

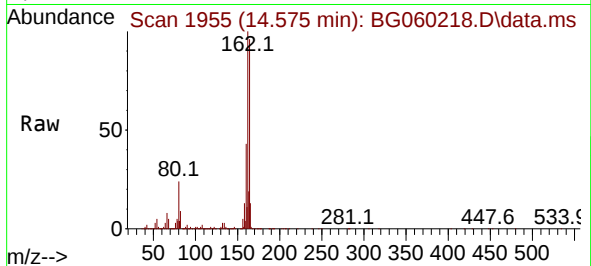
Tgt Ion:184 Resp: 127
Ion Ratio Lower Upper
184 100
63 229.5 45.4 68.2#
154 0.0 40.0 60.0#



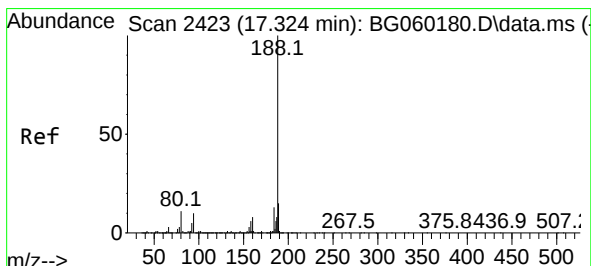
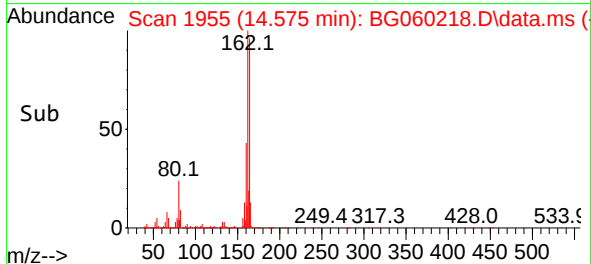
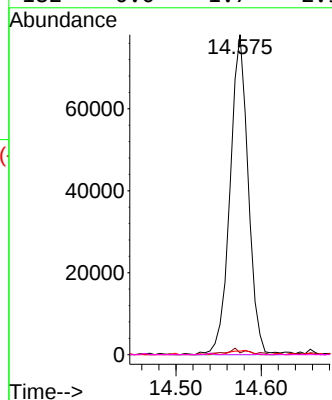


#57
2,4-Dinitrotoluene
Concen: 6.116 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Instrument :
BNA_G
ClientSampleId :

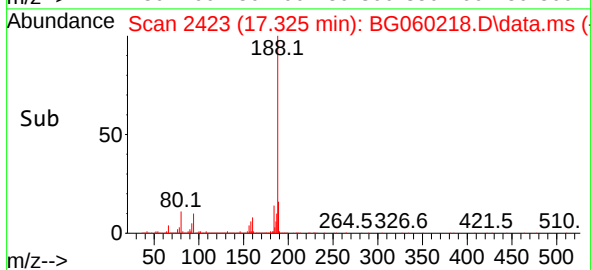
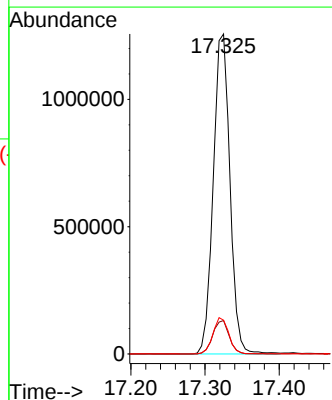
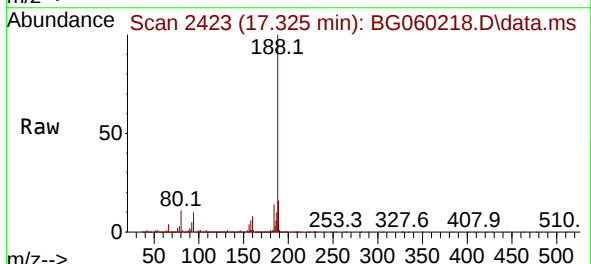


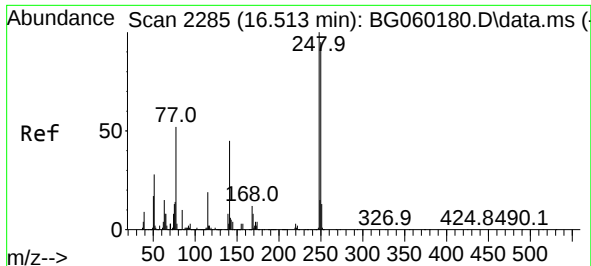
Tgt Ion:165 Resp: 115636
Ion Ratio Lower Upper
165 100
63 0.6 31.0 46.6#
89 1.1 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

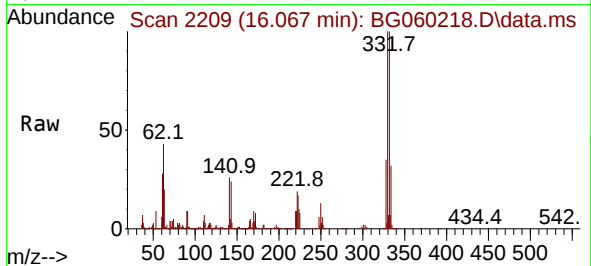
Tgt Ion:188 Resp: 1960419
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 10.6 8.6 13.0



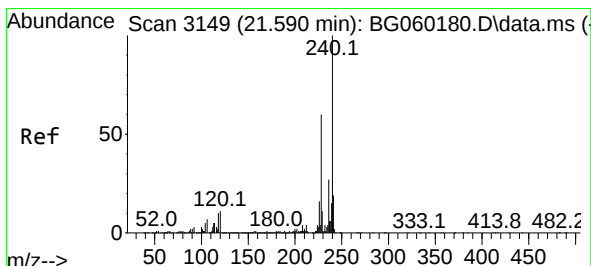
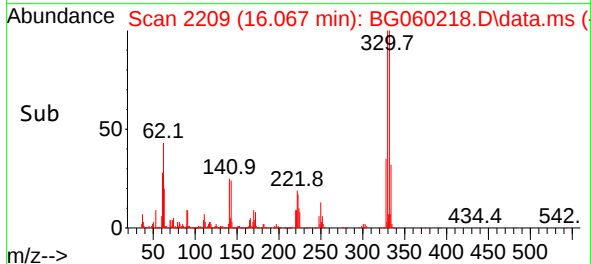
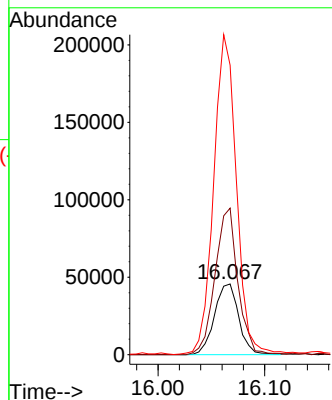


#67
4-Bromophenyl-phenylether
Concen: 3.469 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Instrument :
BNA_G
ClientSampleId :

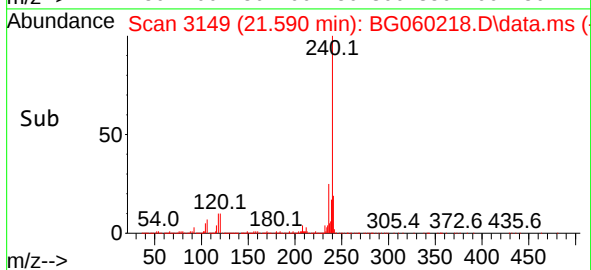
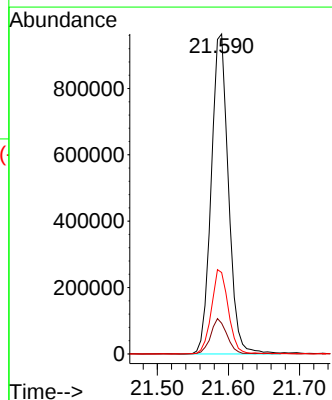
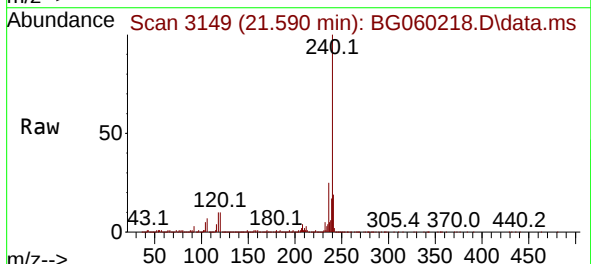


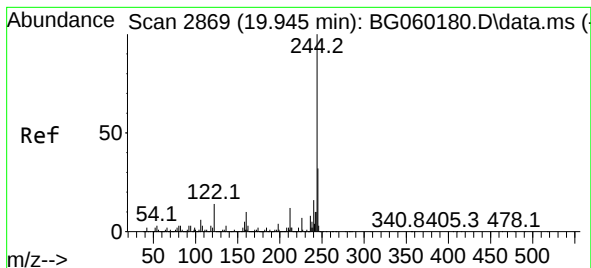
Tgt Ion:248 Resp: 72111
Ion Ratio Lower Upper
248 100
250 207.2 76.2 114.4#
141 409.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:240 Resp: 1617976
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 56.871 ng

RT: 19.945 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Instrument :

BNA_G

ClientSampleId :

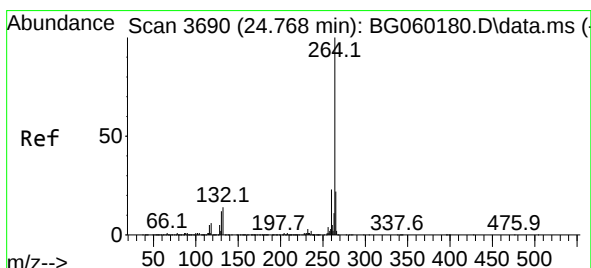
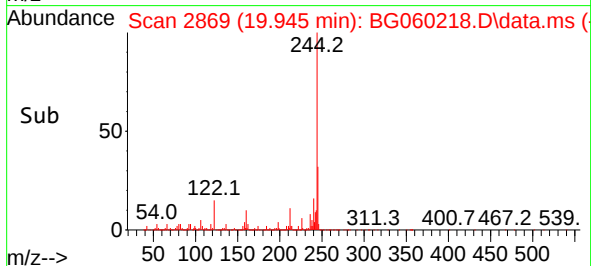
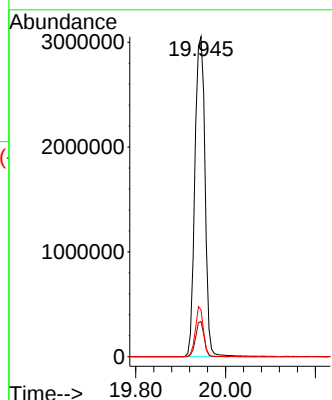
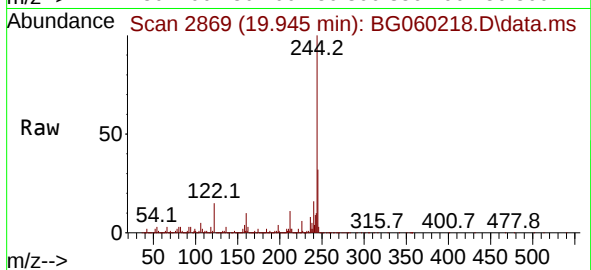
Tgt Ion:244 Resp: 4786309

Ion Ratio Lower Upper

244 100

212 11.0 9.5 14.3

122 14.6 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.757 min Scan# 3688

Delta R.T. -0.011 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Tgt Ion:264 Resp: 1805502

Ion Ratio Lower Upper

264 100

260 22.3 18.0 27.0

265 21.6 17.4 26.0

