

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060198.D
 Acq On : 2 Jan 2024 17:10
 Operator : MA/JU
 Sample : 05899-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:38:37 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)

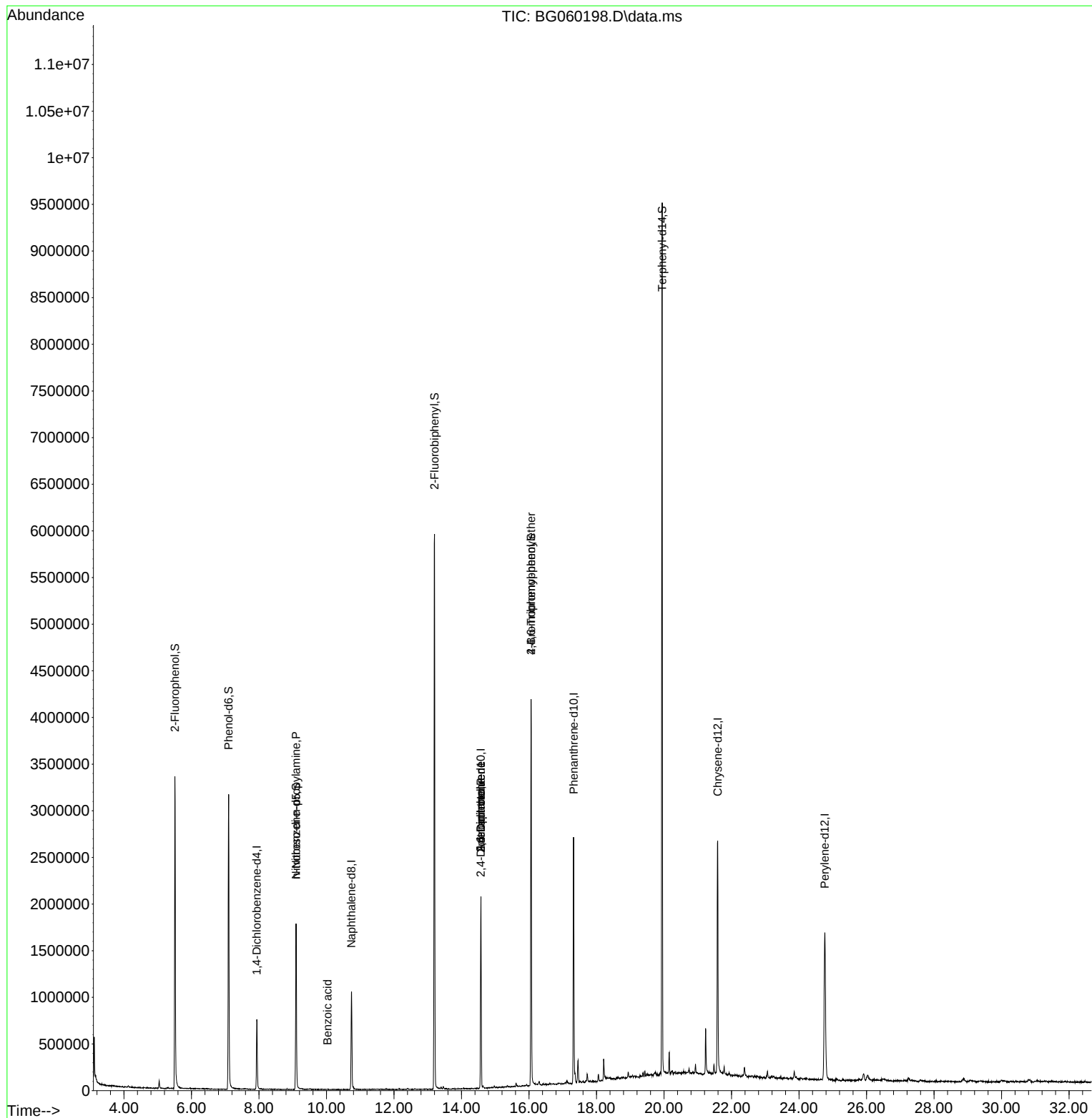
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	236671	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	948389	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	720627	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1783726	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1579240	20.000	ng	0.00
86) Perylene-d12	24.763	264	1787029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1594156	101.665	ng	0.00
7) Phenol-d6	7.101	99	2036934	87.490	ng	0.00
23) Nitrobenzene-d5	9.099	82	1186688	57.796	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	850803	88.200	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3323307	66.280	ng	0.00
79) Terphenyl-d14	19.945	244	4538903	55.255	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.099	70	143836	9.043	ng	# 84
32) Benzoic acid	10.033	122	79	10.277	ng	# 45
51) 2,6-Dinitrotoluene	14.575	165	96430	8.333	ng	# 30
54) 2,4-Dinitrophenol	14.569	184	85	8.248	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	96430	6.128	ng	# 27
67) 4-Bromophenyl-phenylether	16.061	248	52505	2.776	ng	# 1

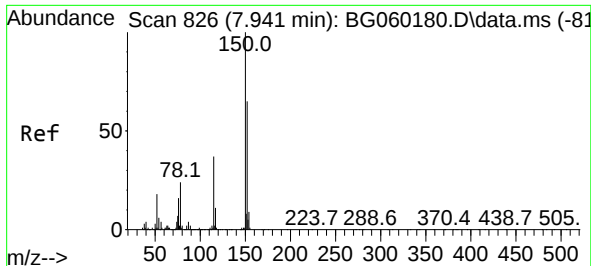
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060198.D
Acq On : 2 Jan 2024 17:10
Operator : MA/JU
Sample : 05899-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 00:38:37 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

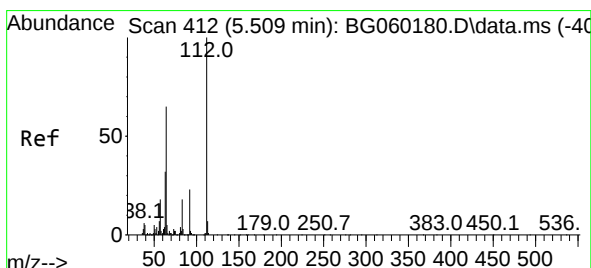
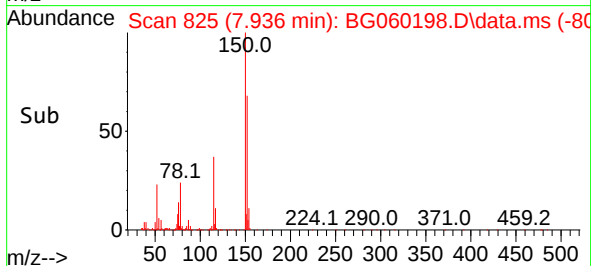
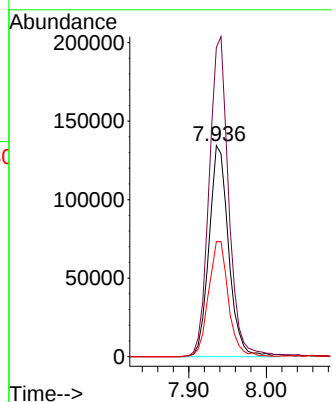
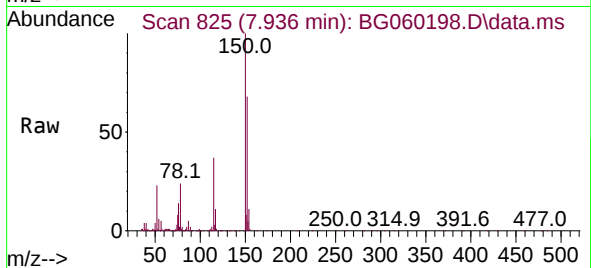




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

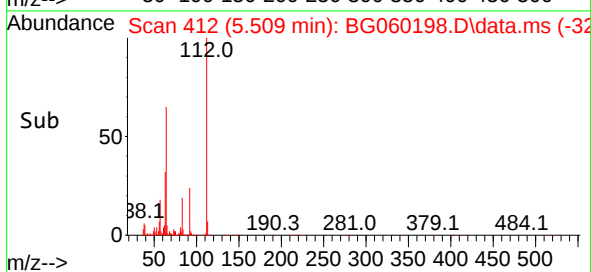
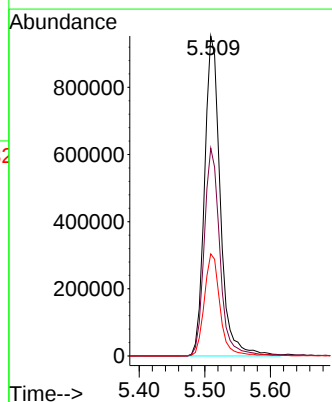
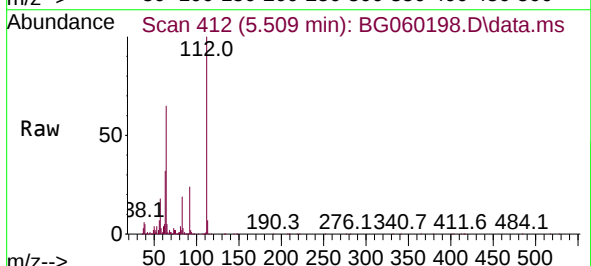
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 236671
Ion Ratio Lower Upper
152 100
150 146.5 123.4 185.0
115 54.5 45.4 68.0



#5
2-Fluorophenol
Concen: 101.665 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:112 Resp: 1594156
Ion Ratio Lower Upper
112 100
64 64.9 52.2 78.4
63 31.9 25.4 38.0

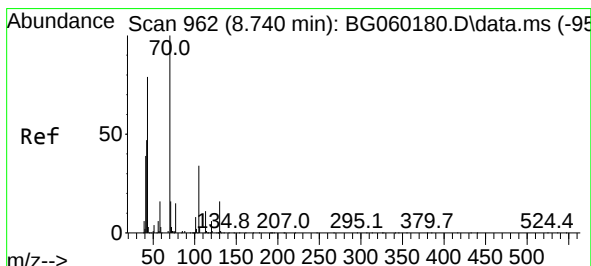
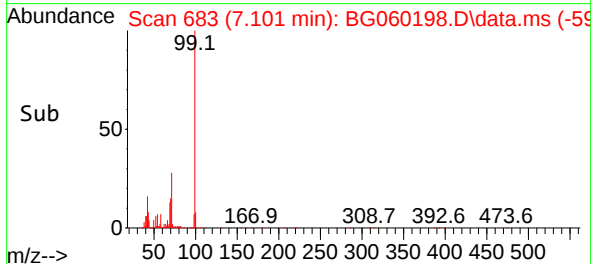
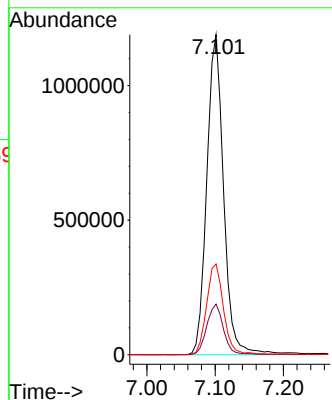
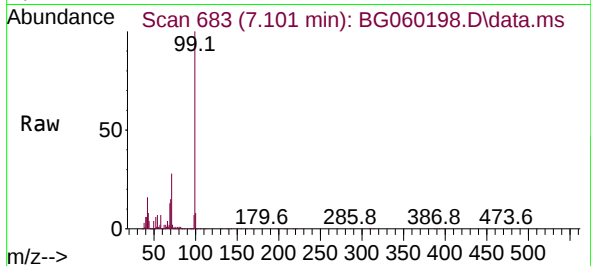




#7
Phenol-d6
Concen: 87.490 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

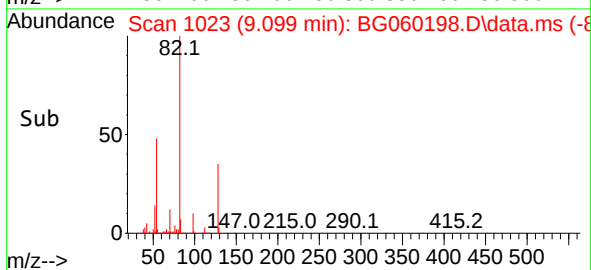
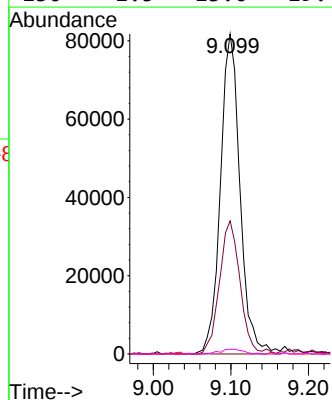
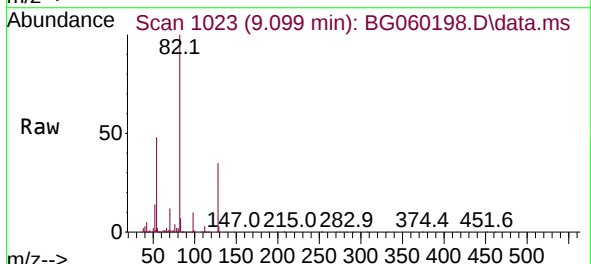
Instrument :
BNA_G
ClientSampleId :

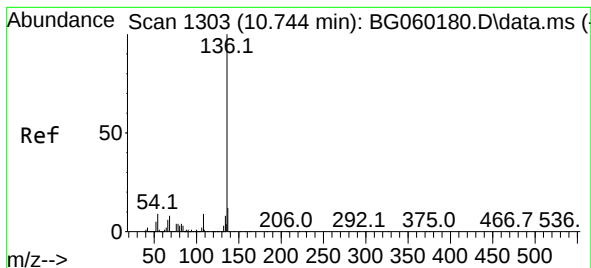
Tgt Ion: 99 Resp: 2036934
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 28.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.043 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion: 70 Resp: 143836
Ion Ratio Lower Upper
70 100
42 41.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.5 13.0 19.4#

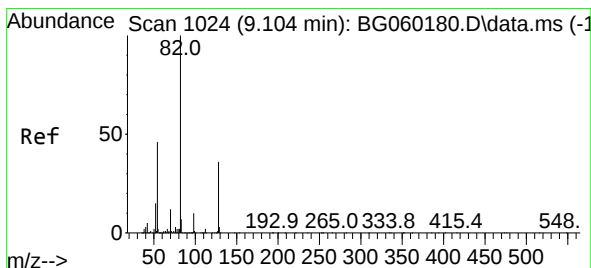
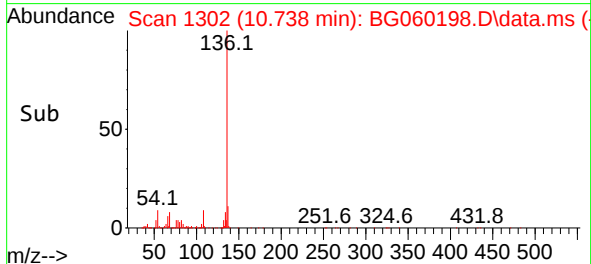
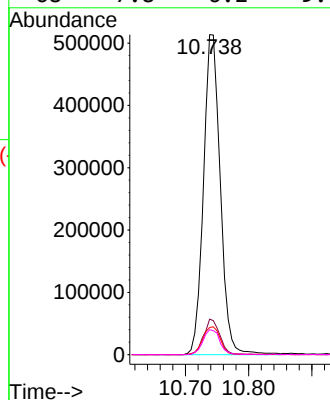
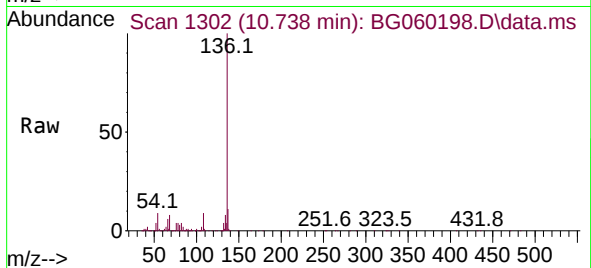




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

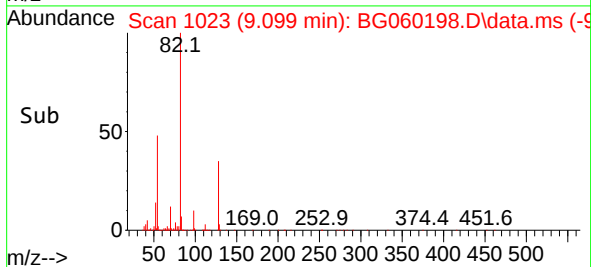
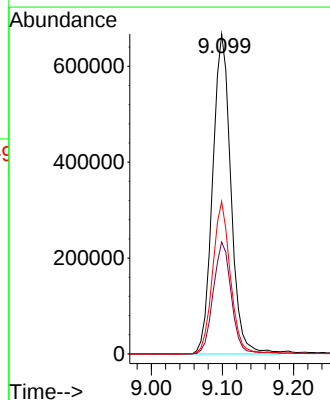
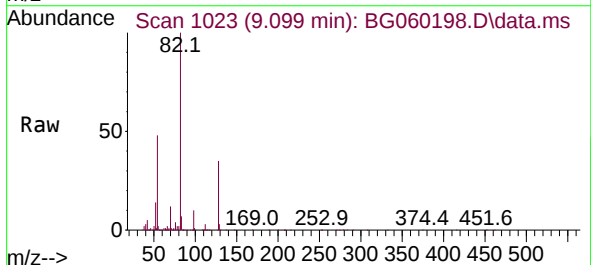
Instrument :
BNA_G
ClientSampleId :

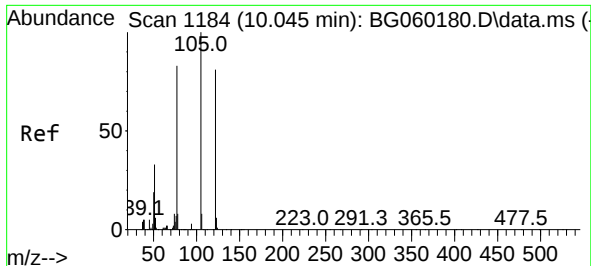
Tgt Ion:136 Resp: 948389
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 8.5 7.4 11.2
68 7.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 57.796 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion: 82 Resp: 1186688
Ion Ratio Lower Upper
82 100
128 35.0 28.7 43.1
54 47.7 36.9 55.3

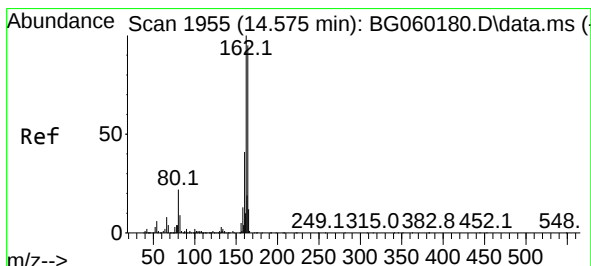
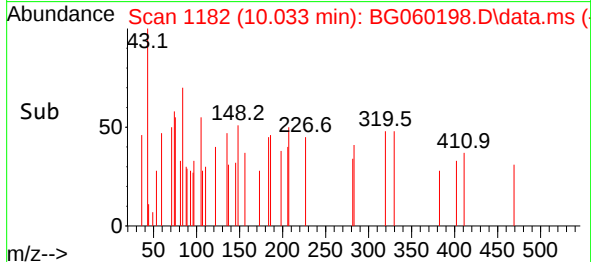
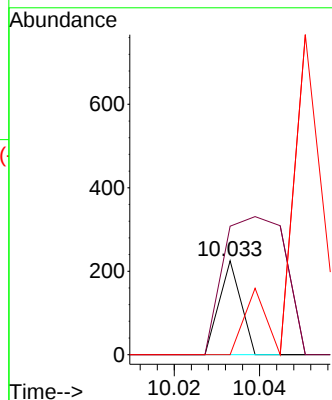
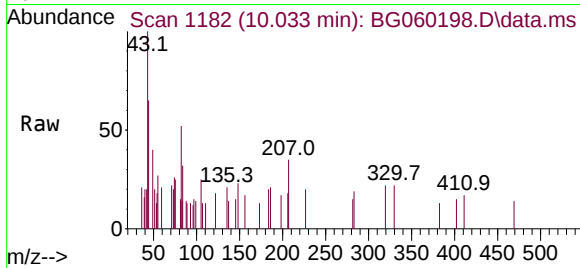




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.033 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

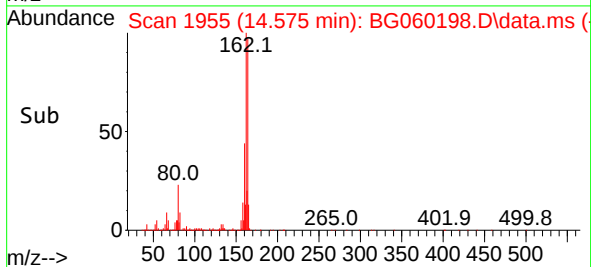
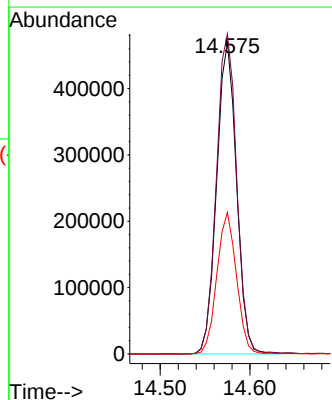
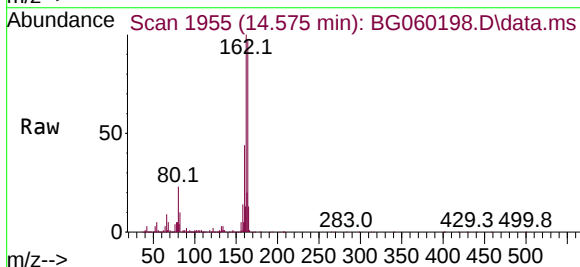
Instrument :
BNA_G
ClientSampleId :

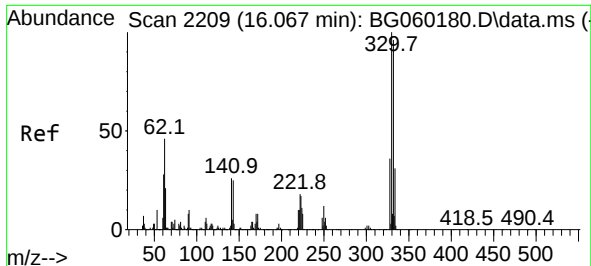
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 136.9 99.2 139.2
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:164 Resp: 720627
Ion Ratio Lower Upper
164 100
162 102.9 83.9 125.9
160 45.5 34.2 51.4

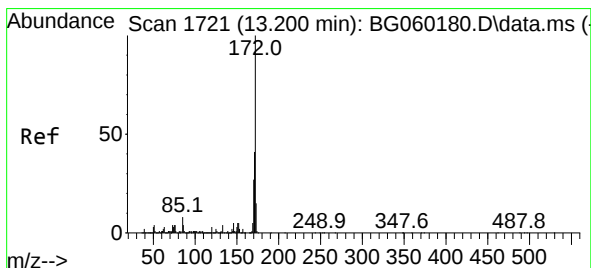
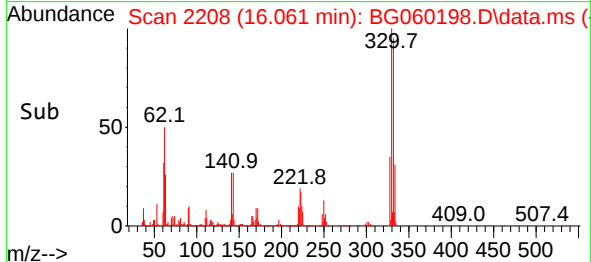
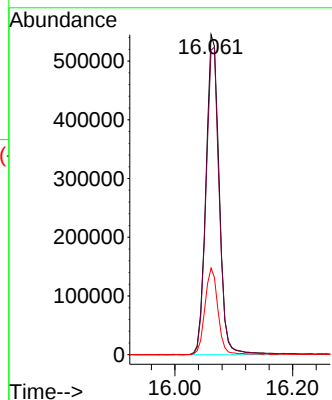
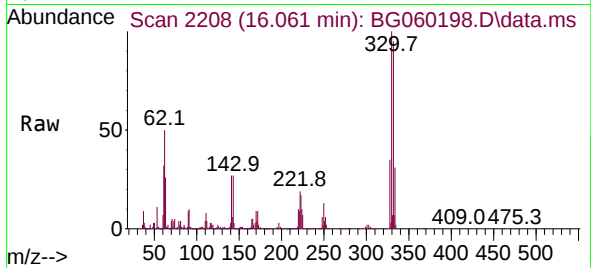




#42
2,4,6-Tribromophenol
Concen: 88.200 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

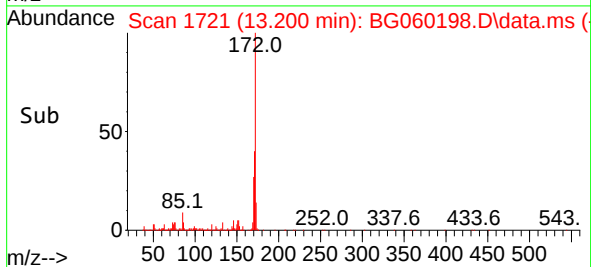
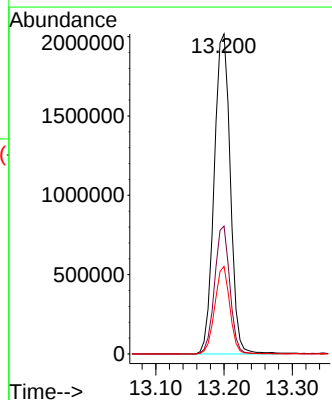
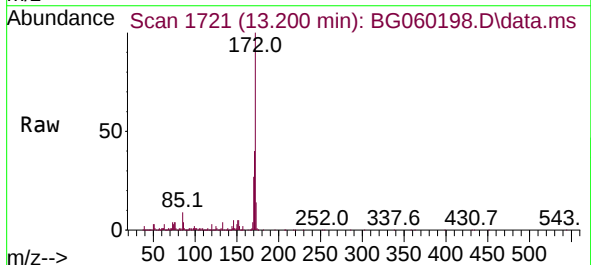
Instrument :
BNA_G
ClientSampleId :

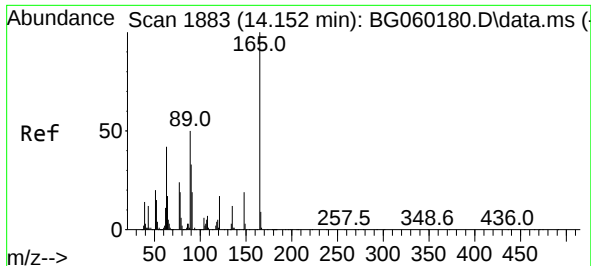
Tgt Ion:330 Resp: 850803
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 26.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 66.280 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:172 Resp: 3323307
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 27.4 21.8 32.6

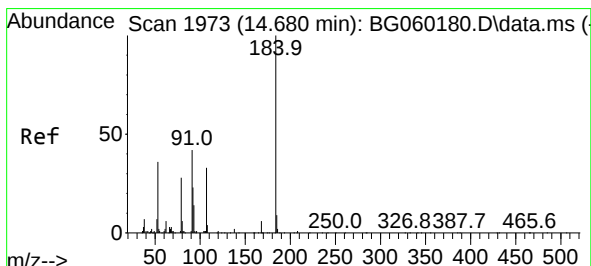
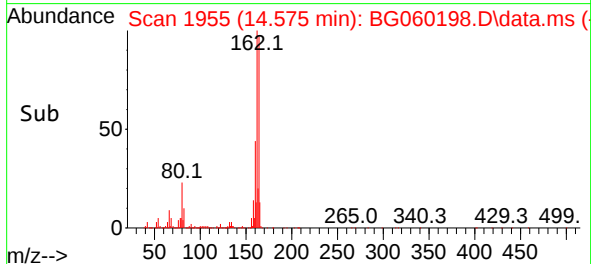
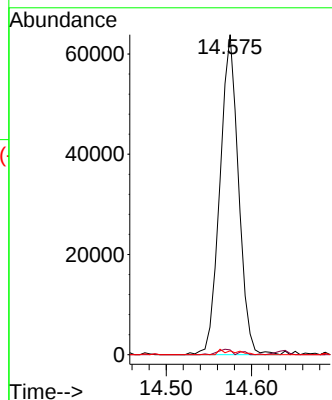
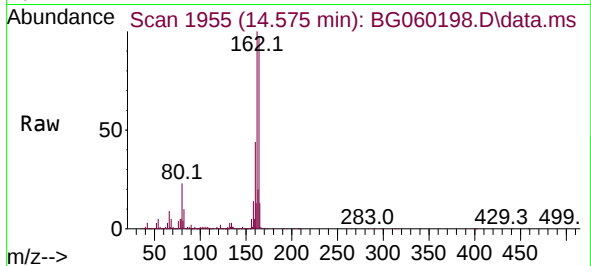




#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 14.575 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

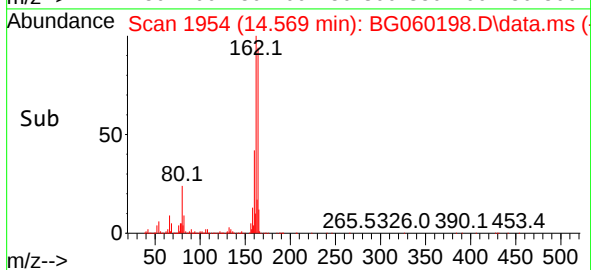
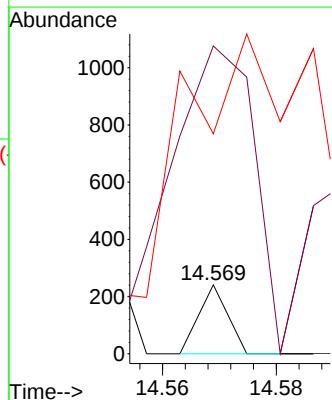
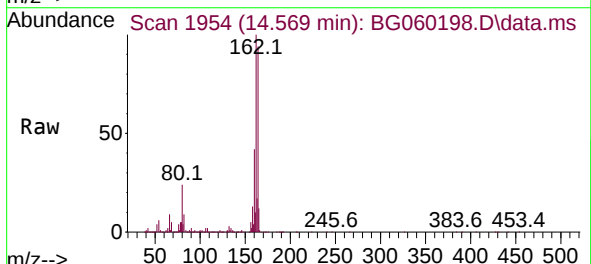
Instrument :
BNA_G
ClientSampleId :

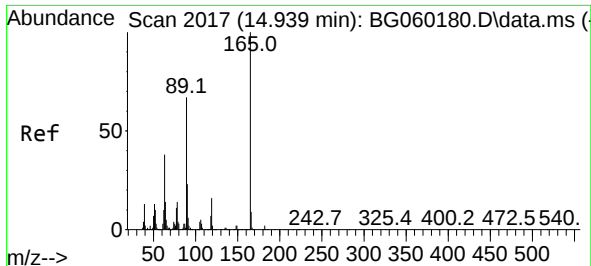
Tgt Ion:165 Resp: 96430
Ion Ratio Lower Upper
165 100
63 1.5 39.3 58.9#
89 1.2 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.248 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.111 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

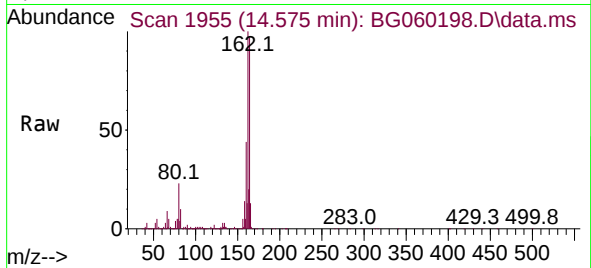
Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 446.5 45.4 68.2#
154 319.1 40.0 60.0#



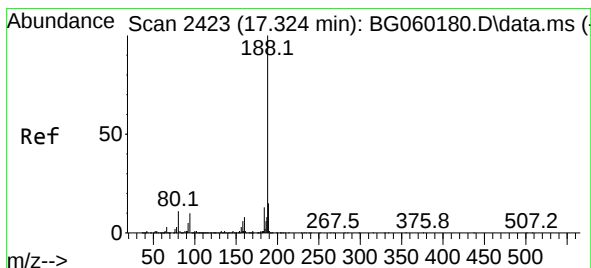
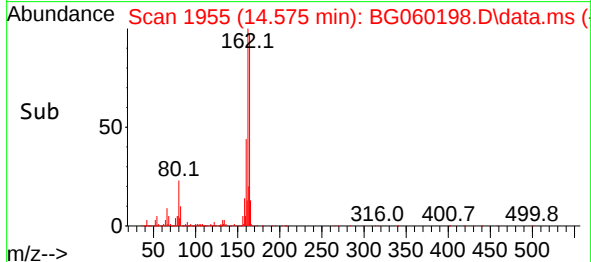
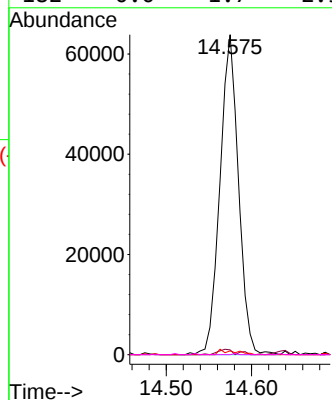


#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Instrument :
BNA_G
ClientSampleId :

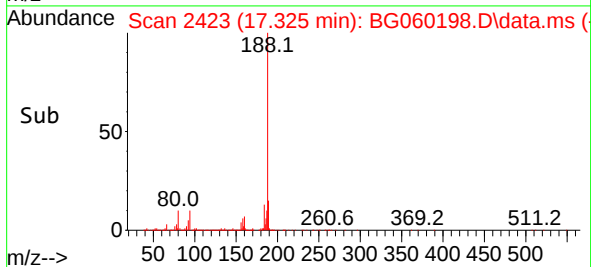
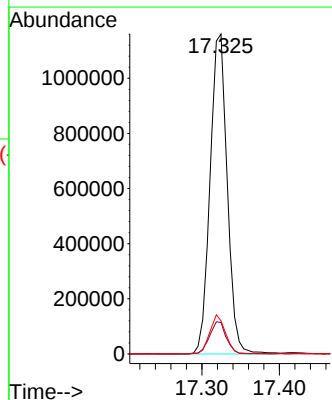
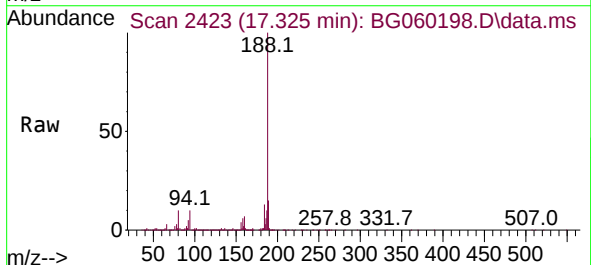


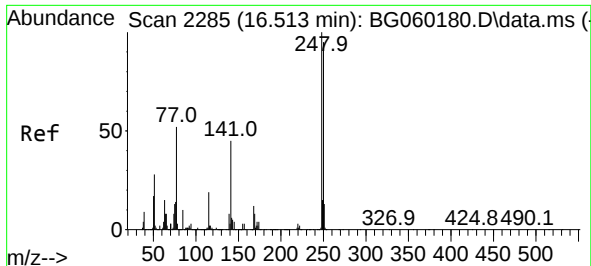
Tgt Ion:165 Resp: 96430
Ion Ratio Lower Upper
165 100
63 1.5 31.0 46.6#
89 1.2 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:188 Resp: 1783726
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.6 13.0

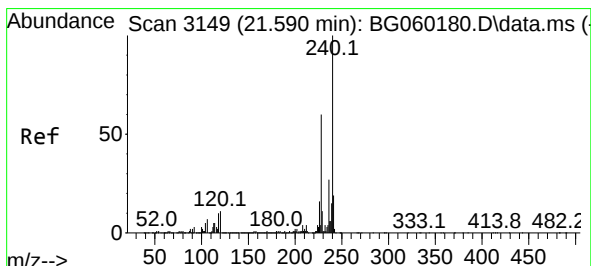
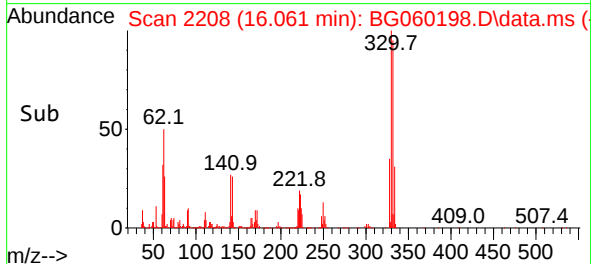
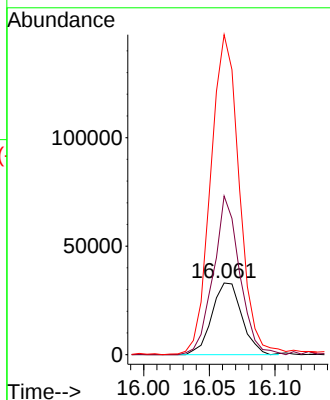
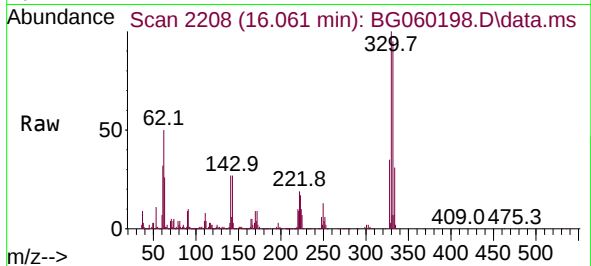




#67
4-Bromophenyl-phenylether
Concen: 2.776 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

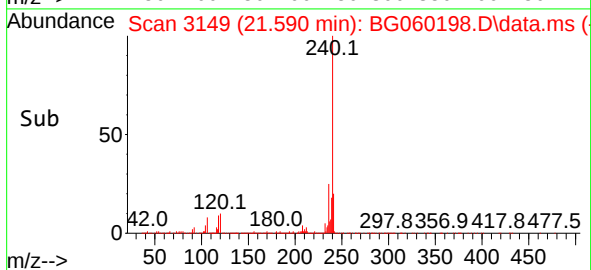
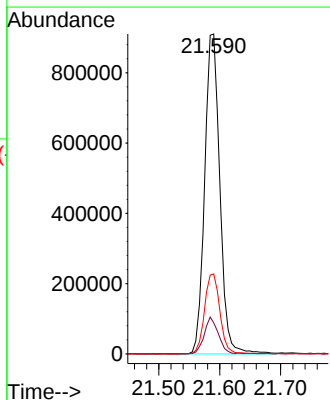
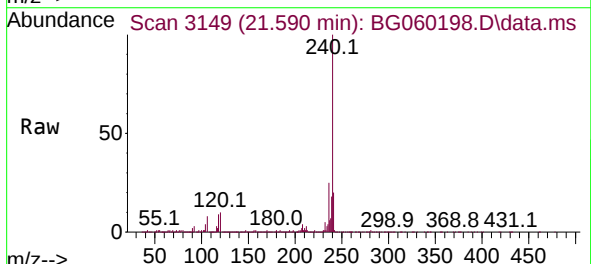
Instrument :
BNA_G
ClientSampleId :

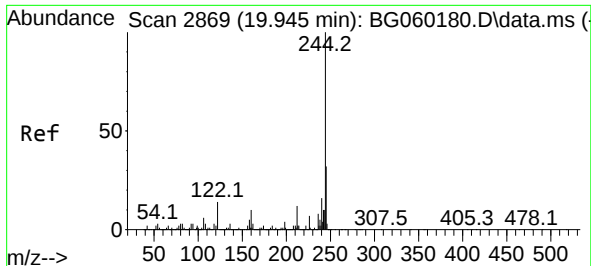
Tgt Ion:248 Resp: 52505
Ion Ratio Lower Upper
248 100
250 282.0 76.2 114.4#
141 446.7 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

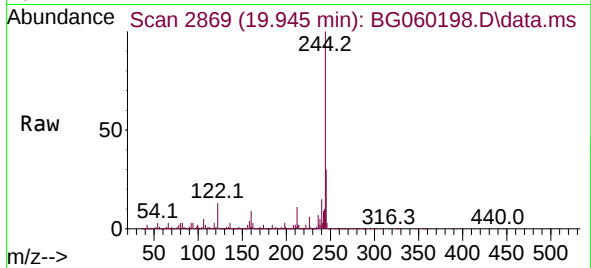
Tgt Ion:240 Resp: 1579240
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.0 21.4 32.2



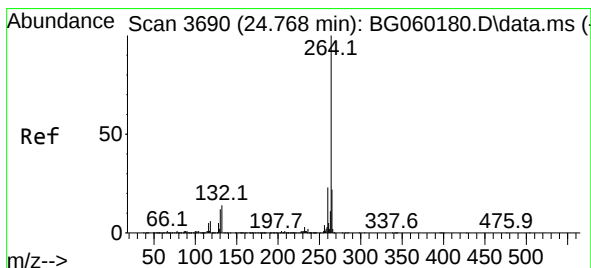
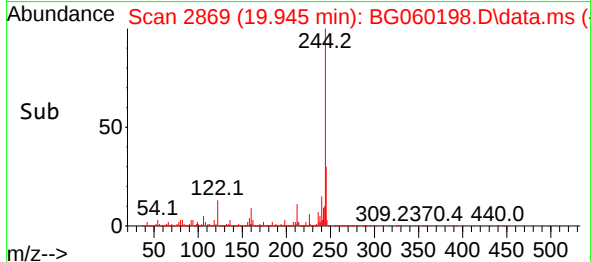
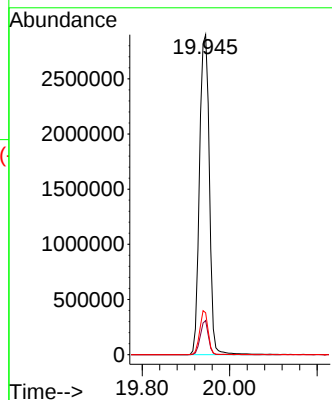


#79
 Terphenyl-d14
 Concen: 55.255 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060198.D
 Acq: 2 Jan 2024 17:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 4538903
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.763 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060198.D
 Acq: 2 Jan 2024 17:10

Tgt Ion:264 Resp: 1787029
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.0 27.0
 265 20.9 17.4 26.0

