

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060191.D
 Acq On : 2 Jan 2024 12:29
 Operator : MA/JU
 Sample : 06039-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 13:10:30 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)

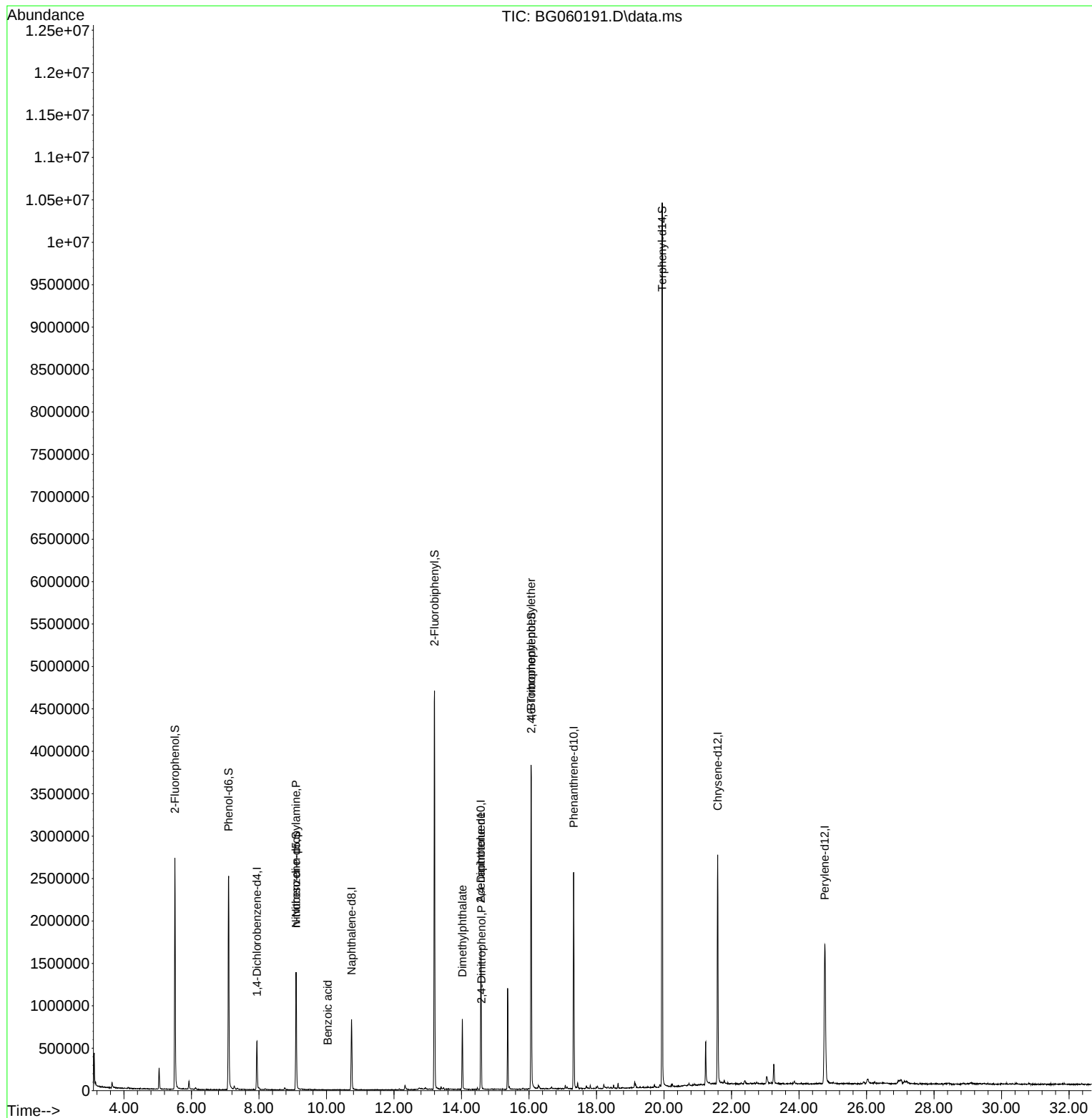
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	177865	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	738154	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	611033	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1722756	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1631548	20.000	ng	0.00
86) Perylene-d12	24.763	264	1856992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1277589	108.415	ng	0.00
7) Phenol-d6	7.101	99	1701069	97.221	ng	0.00
23) Nitrobenzene-d5	9.099	82	934508	58.477	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	788836	96.443	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2653549	62.415	ng	0.00
79) Terphenyl-d14	19.945	244	4724316	55.668	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	107243	8.972	ng	# 87
32) Benzoic acid	10.039	122	75	10.278	ng	# 1
50) Dimethylphthalate	14.028	163	595625	12.625	ng	98
54) 2,4-Dinitrophenol	14.592	184	71	8.247	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	81527	6.110	ng	# 26
67) 4-Bromophenyl-phenylether	16.061	248	47157	2.582	ng	# 1

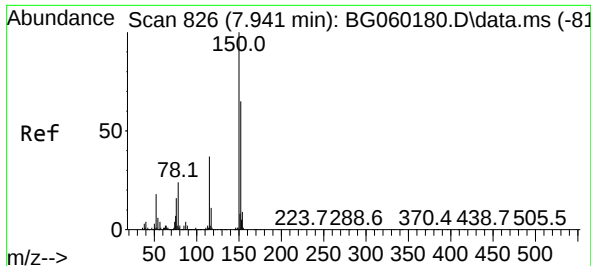
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060191.D
Acq On : 2 Jan 2024 12:29
Operator : MA/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 02 13:10:30 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

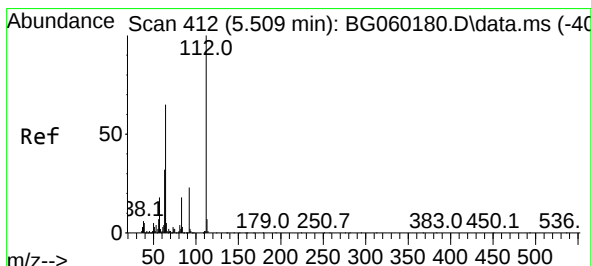
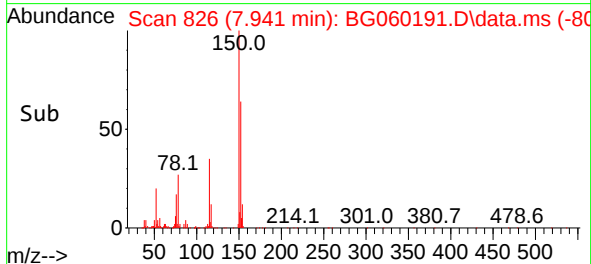
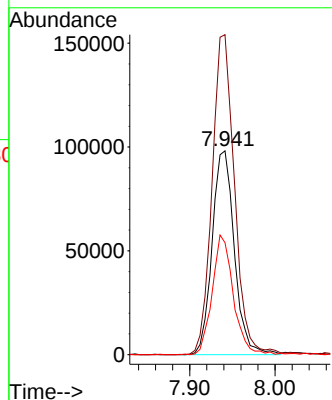
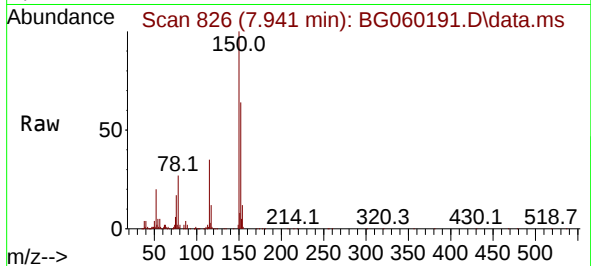




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

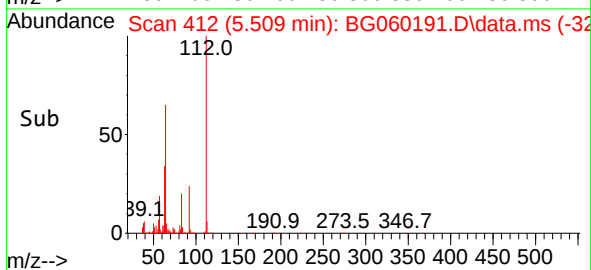
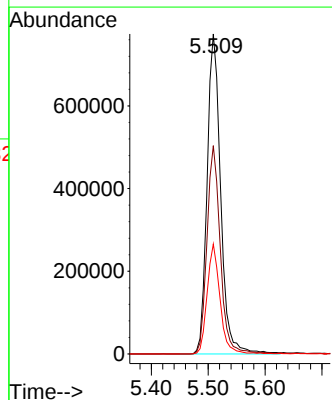
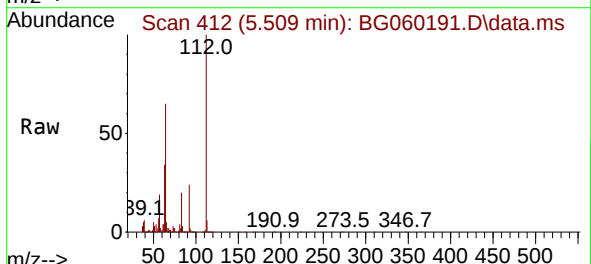
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 177865
Ion Ratio Lower Upper
152 100
150 157.0 123.4 185.0
115 54.9 45.4 68.0



#5
2-Fluorophenol
Concen: 108.415 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Tgt Ion:112 Resp: 1277589
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.4
63 34.3 25.4 38.0

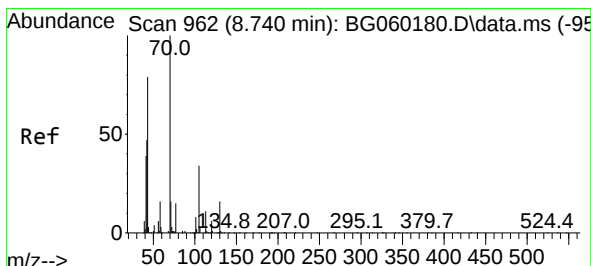
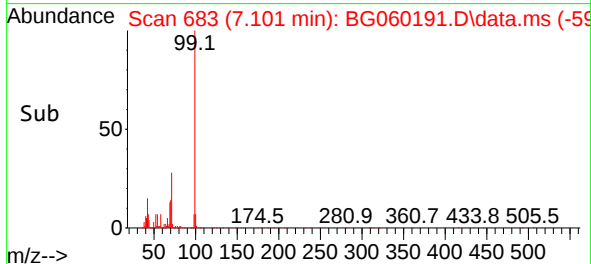
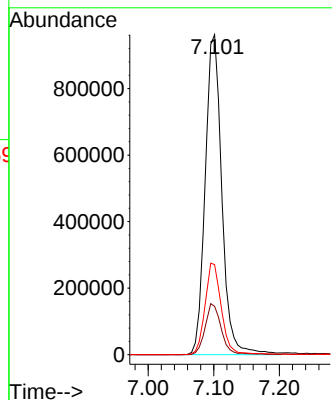
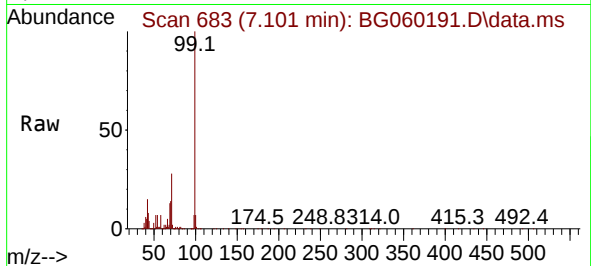




#7
Phenol-d6
Concen: 97.221 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

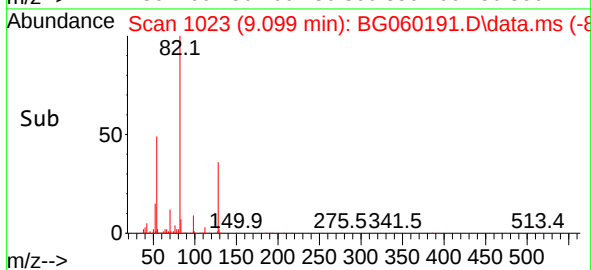
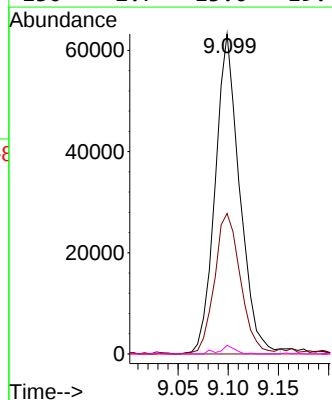
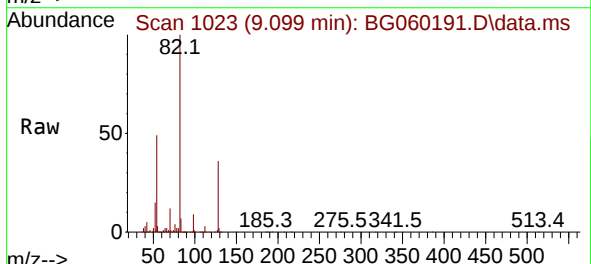
Instrument :
BNA_G
ClientSampleId :

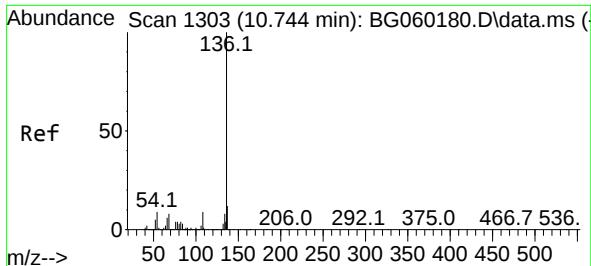
Tgt Ion: 99 Resp: 1701069
Ion Ratio Lower Upper
99 100
42 15.1 12.5 18.7
71 28.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 8.972 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Tgt Ion: 70 Resp: 107243
Ion Ratio Lower Upper
70 100
42 43.9 37.9 56.9
101 0.0 6.2 9.2#
130 2.7 13.0 19.4#

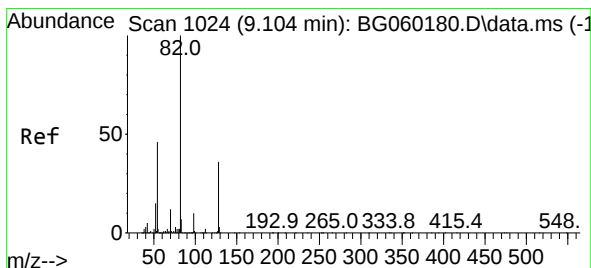
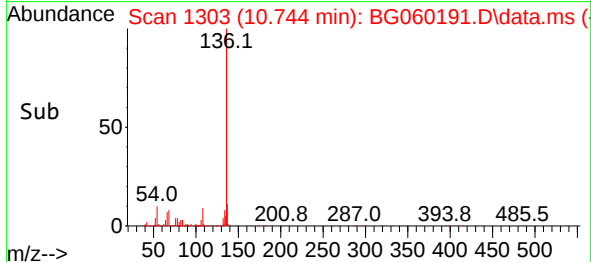
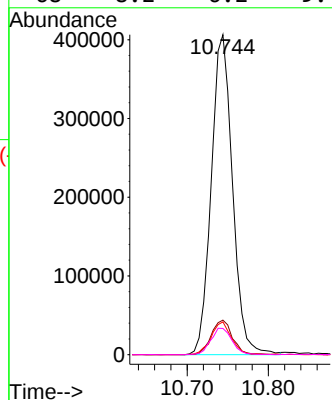
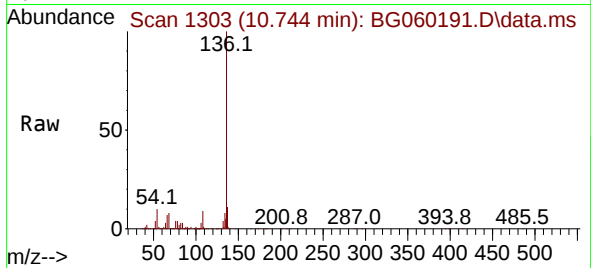




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

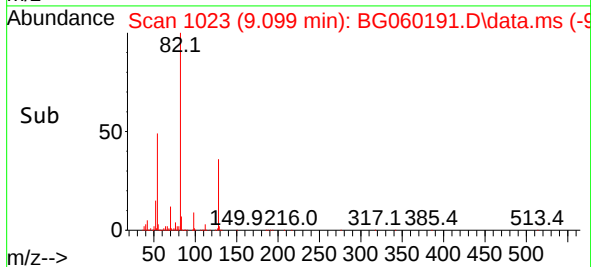
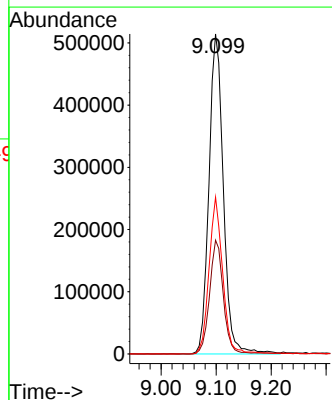
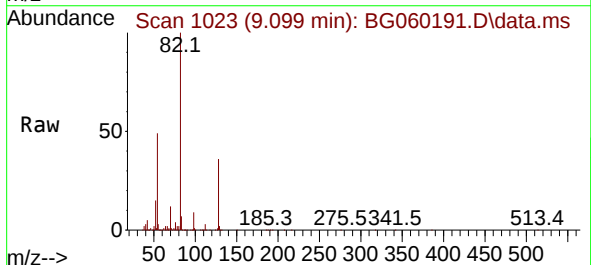
Instrument :
BNA_G
ClientSampleId :

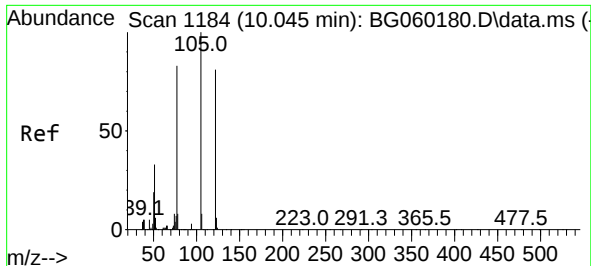
Tgt Ion:	136	Resp:	738154
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.0
54	10.3	7.4	11.2
68	8.2	6.2	9.4



#23
Nitrobenzene-d5
Concen: 58.477 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Tgt Ion:	82	Resp:	934508
Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.7	43.1
54	49.0	36.9	55.3

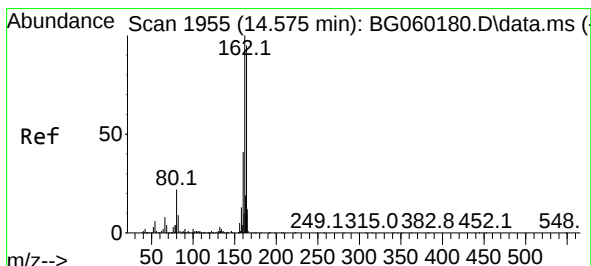
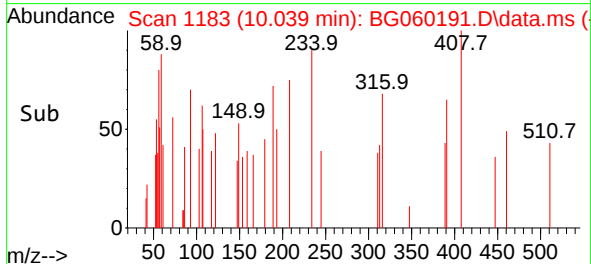
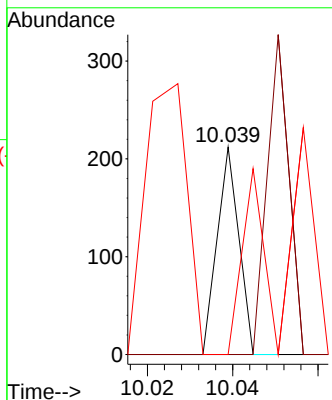
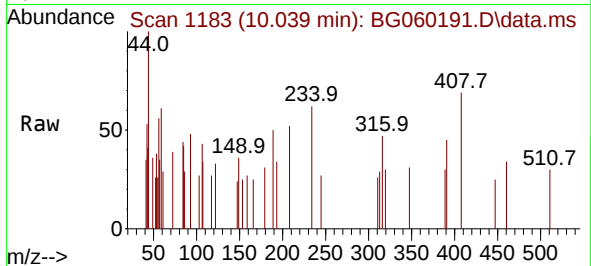




#32
Benzoic acid
Concen: 10.278 ng
RT: 10.039 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

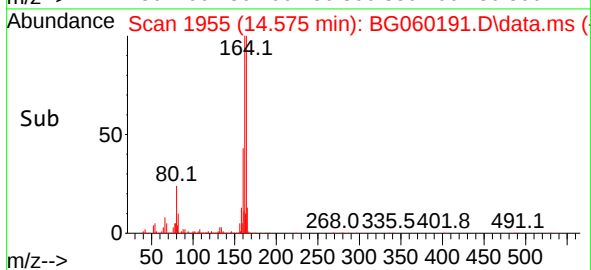
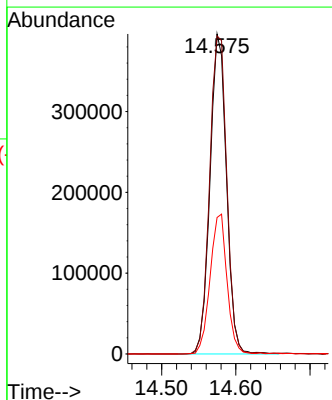
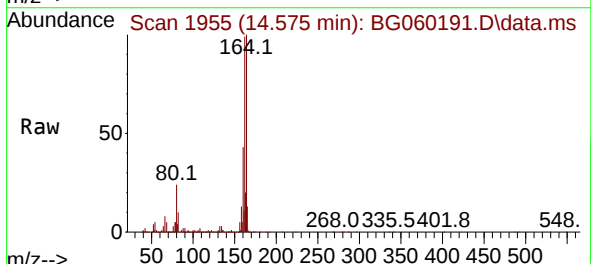
Instrument :
BNA_G
ClientSampleId :

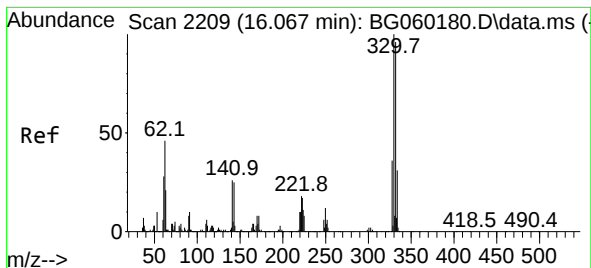
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Tgt Ion:164 Resp: 611033
Ion Ratio Lower Upper
164 100
162 99.4 83.9 125.9
160 42.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.443 ng

RT: 16.067 min Scan# 21

Delta R.T. 0.000 min

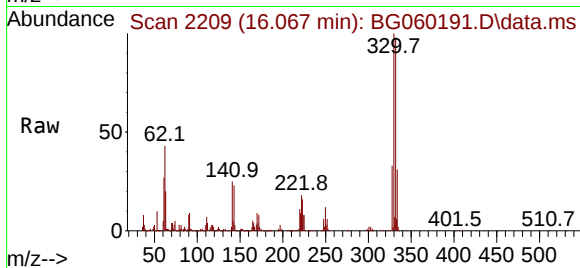
Lab File: BG060191.D

Acq: 2 Jan 2024 12:29

Instrument :

BNA_G

ClientSampleId :



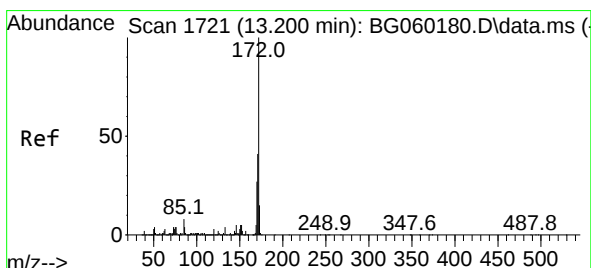
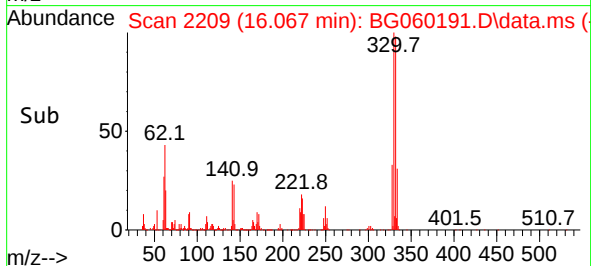
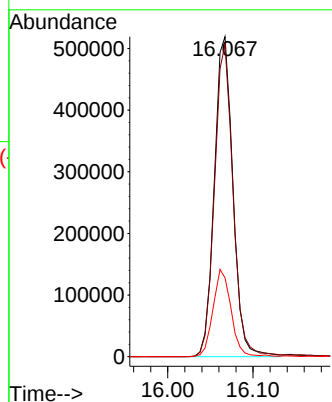
Tgt Ion:330 Resp: 788836

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 26.5 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 62.415 ng

RT: 13.200 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BG060191.D

Acq: 2 Jan 2024 12:29

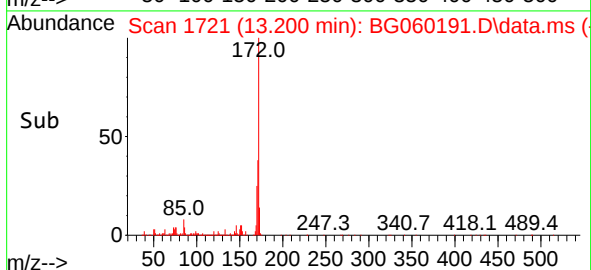
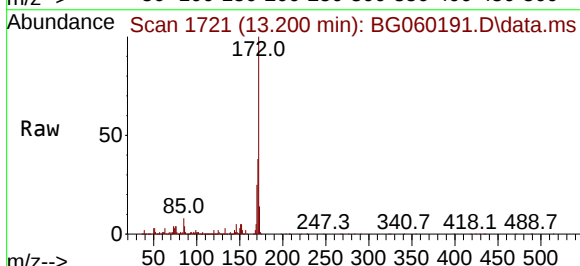
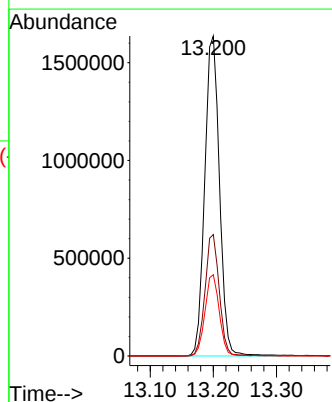
Tgt Ion:172 Resp: 2653549

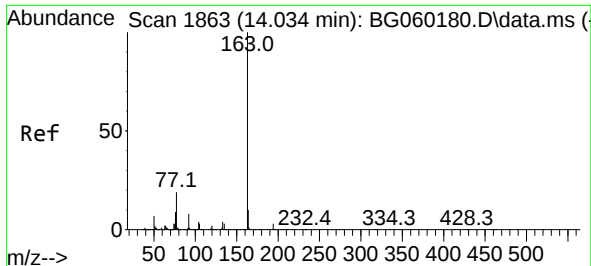
Ion Ratio Lower Upper

172 100

171 37.9 32.6 48.8

170 25.4 21.8 32.6

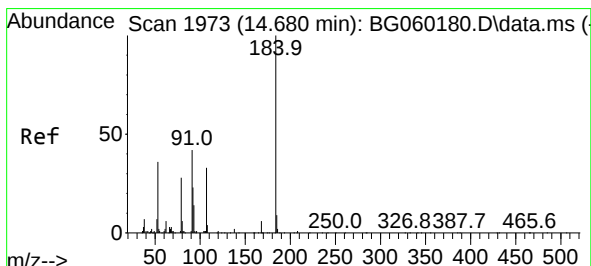
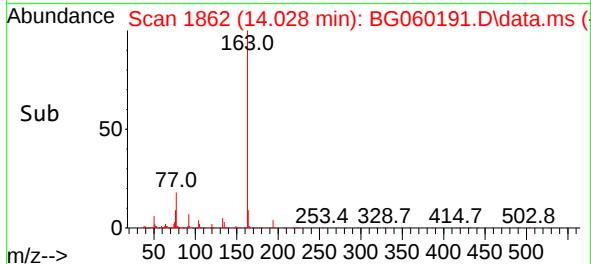
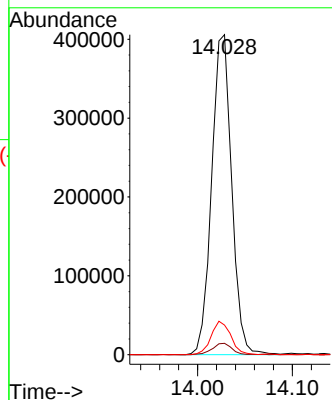
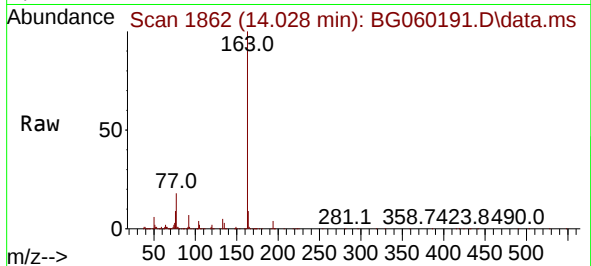




#50
Dimethylphthalate
Concen: 12.625 ng
RT: 14.028 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

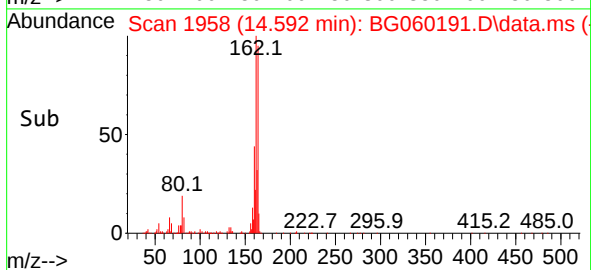
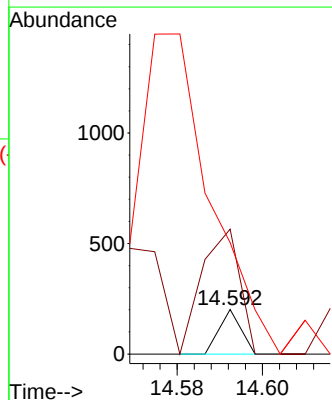
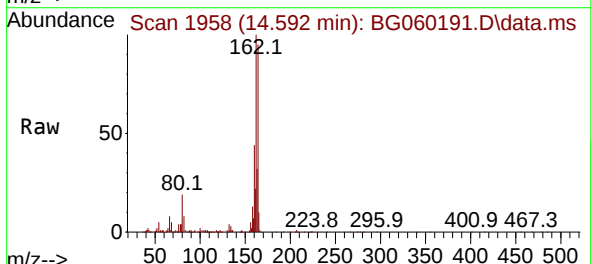
Instrument :
BNA_G
ClientSampleId :

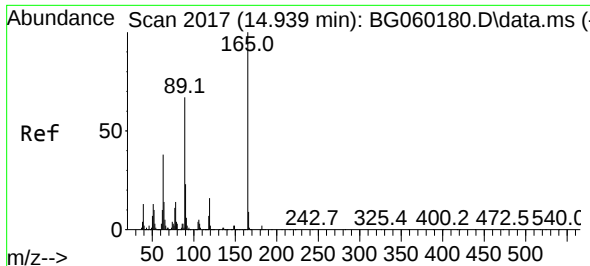
Tgt Ion:163 Resp: 595625
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.3 8.3 12.5



#54
2,4-Dinitrophenol
Concen: 8.247 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.088 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

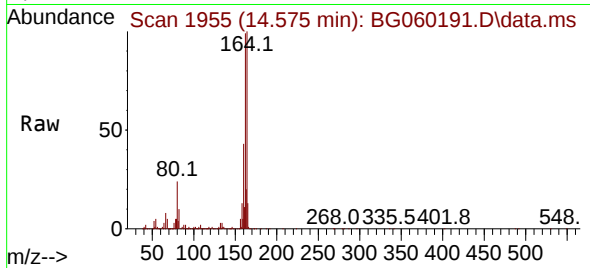
Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 279.7 45.4 68.2#
154 249.5 40.0 60.0#



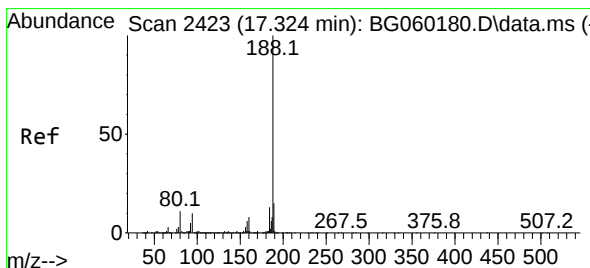
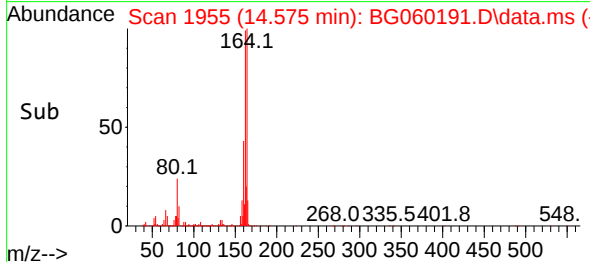
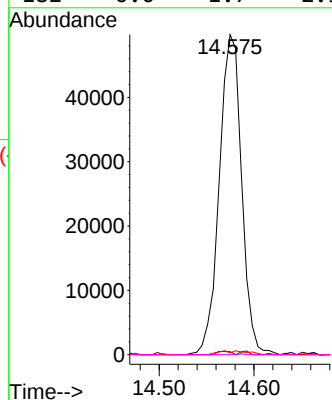


#57
2,4-Dinitrotoluene
Concen: 6.110 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Instrument :
BNA_G
ClientSampleId :

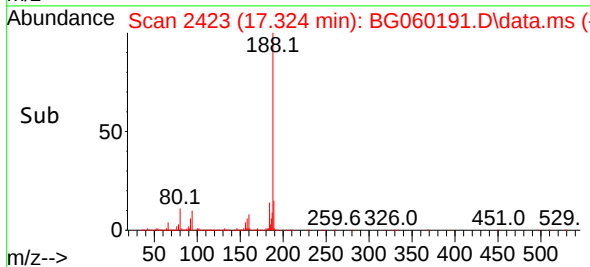
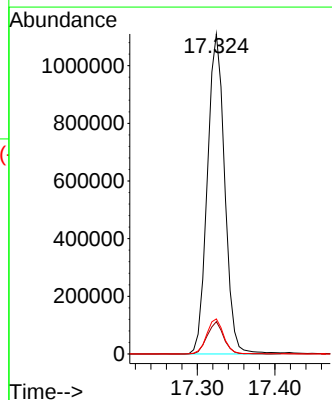
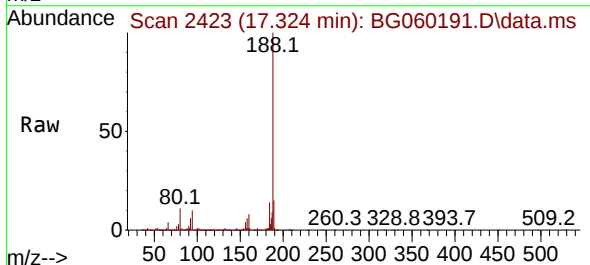


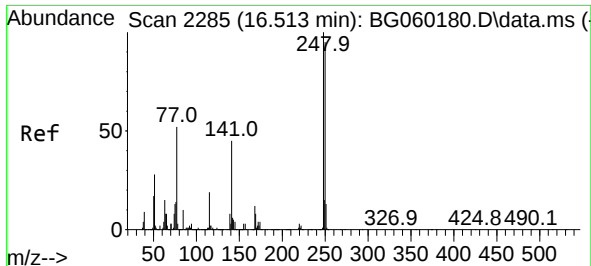
Tgt Ion:165 Resp: 81527
Ion Ratio Lower Upper
165 100
63 0.9 31.0 46.6#
89 0.5 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

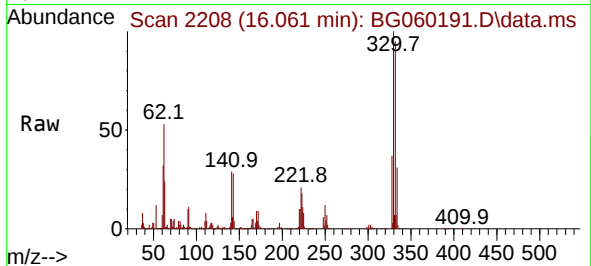
Tgt Ion:188 Resp: 1722756
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.0 8.6 13.0



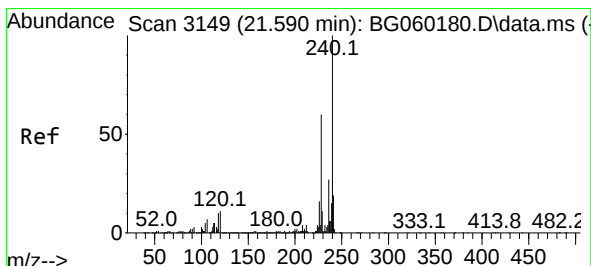
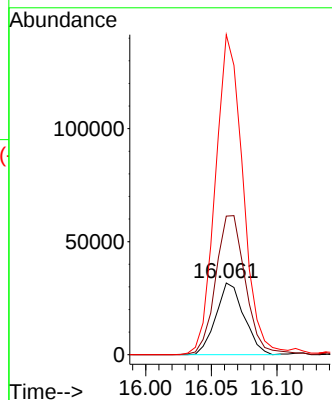
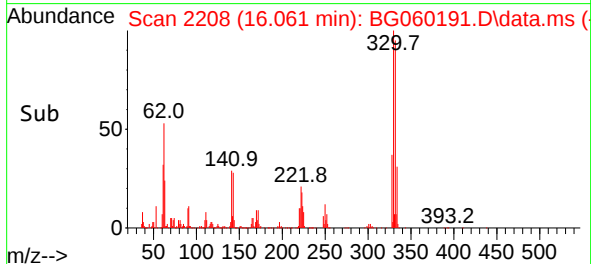


#67
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Instrument :
BNA_G
ClientSampleId :

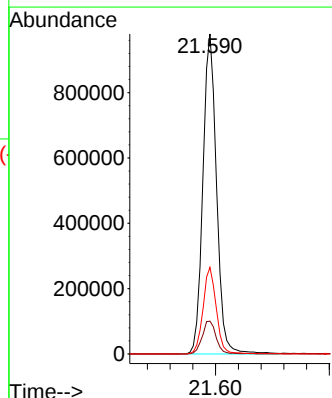
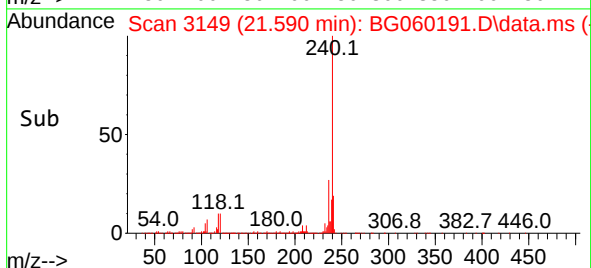
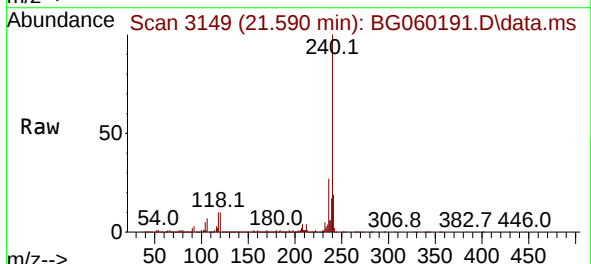


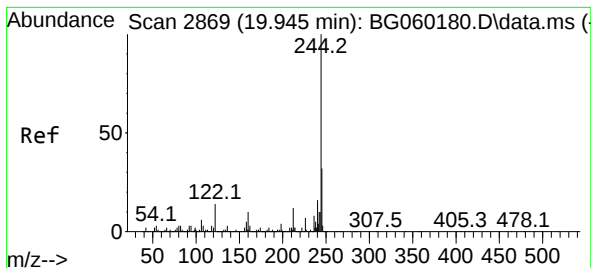
Tgt Ion:248 Resp: 47157
Ion Ratio Lower Upper
248 100
250 193.3 76.2 114.4#
141 446.3 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060191.D
Acq: 2 Jan 2024 12:29

Tgt Ion:240 Resp: 1631548
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 27.0 21.4 32.2





#79

Terphenyl-d14

Concen: 55.668 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060191.D

Acq: 2 Jan 2024 12:29

Instrument :

BNA_G

ClientSampleId :

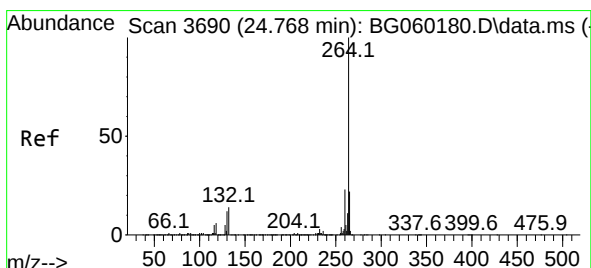
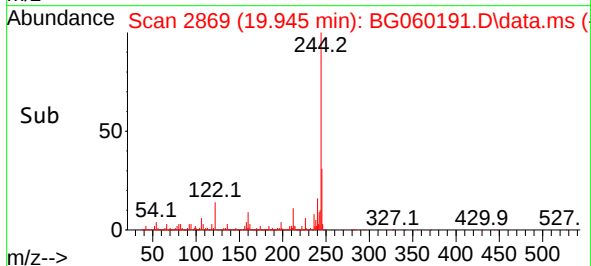
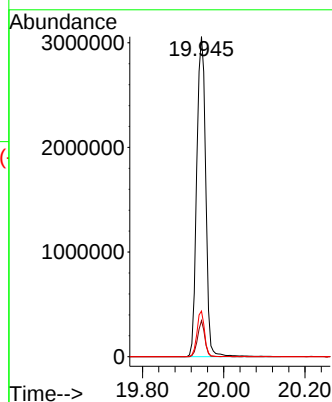
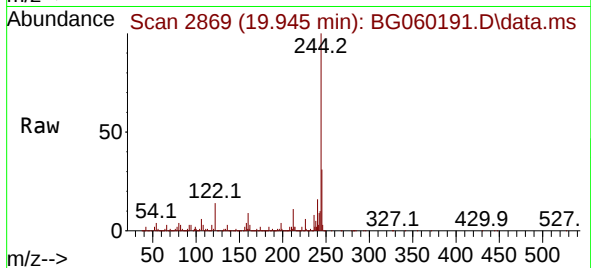
Tgt Ion:244 Resp: 4724316

Ion Ratio Lower Upper

244 100

212 11.2 9.5 14.3

122 14.3 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: BG060191.D

Acq: 2 Jan 2024 12:29

Tgt Ion:264 Resp: 1856992

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 22.4 17.4 26.0

