

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060195.D
 Acq On : 2 Jan 2024 15:10
 Operator : MA/JU
 Sample : 05909-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 16:20:11 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)

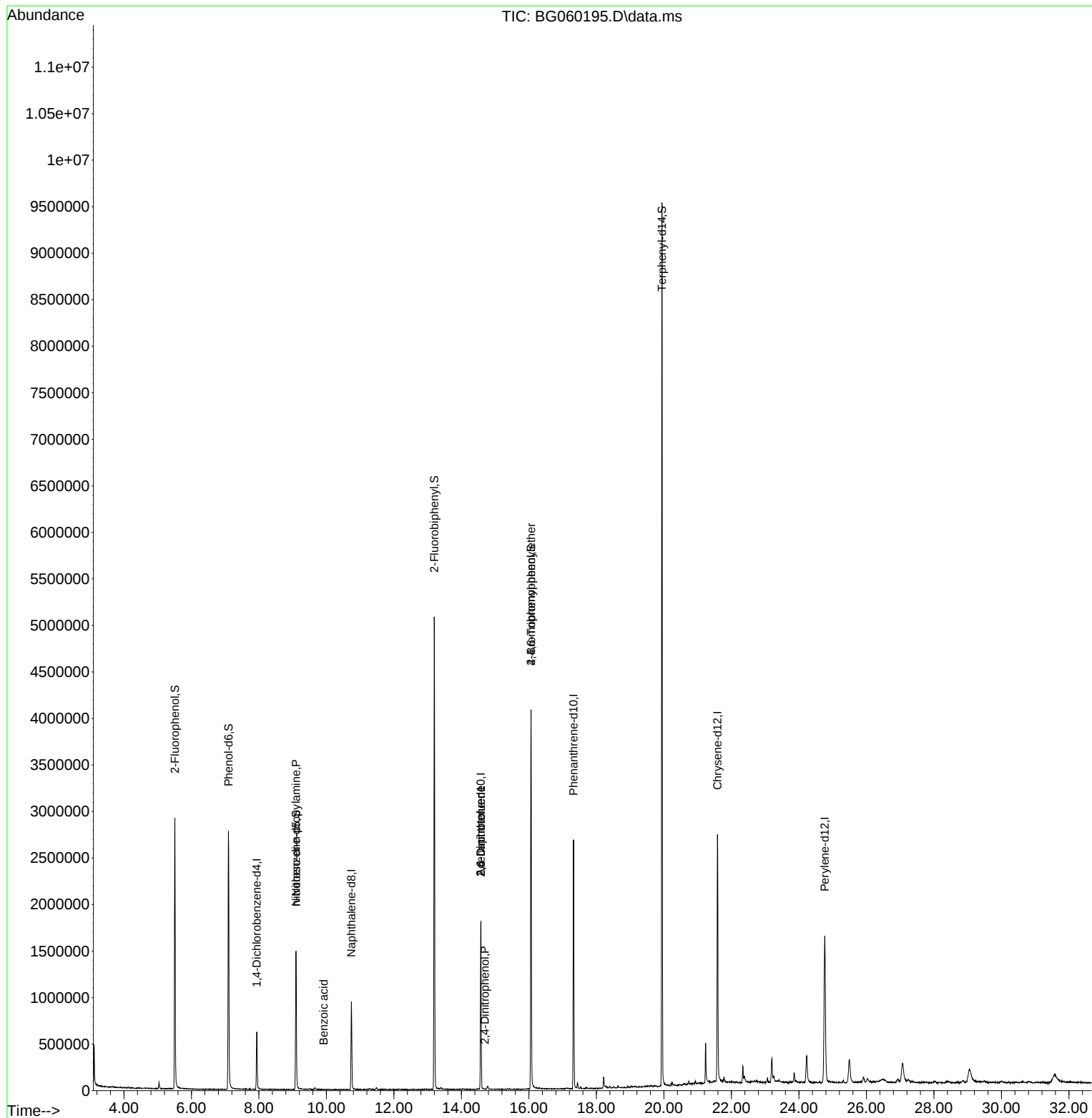
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	192115	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	808321	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	647735	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1752567	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1599879	20.000	ng	0.00
86) Perylene-d12	24.765	264	1758387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1381935	108.571	ng	0.00
7) Phenol-d6	7.097	99	1874444	99.183	ng	0.00
23) Nitrobenzene-d5	9.101	82	1030089	58.862	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	844396	97.386	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2783623	61.764	ng	0.00
79) Terphenyl-d14	19.941	244	4476459	53.791	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	122878	9.518	ng	# 86
32) Benzoic acid	9.918	122	101	10.280	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	87594	8.421	ng	# 29
54) 2,4-Dinitrophenol	14.694	184	70	8.247	ng	# 25
57) 2,4-Dinitrotoluene	14.577	165	87594	6.193	ng	# 26
67) 4-Bromophenyl-phenylether	16.063	248	50234	2.704	ng	# 1

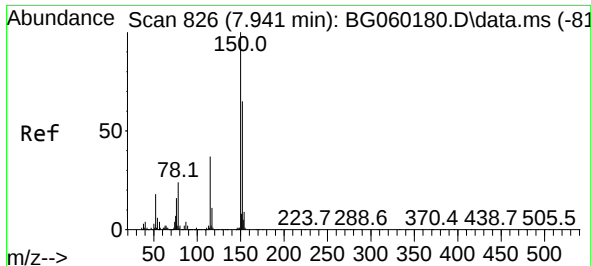
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060195.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 02 16:20:11 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

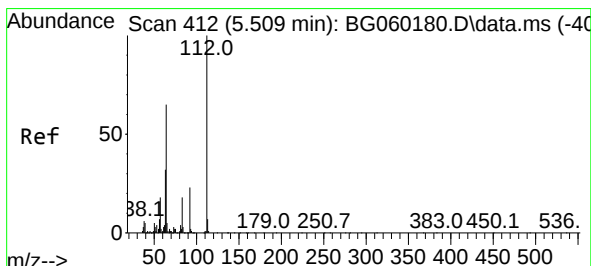
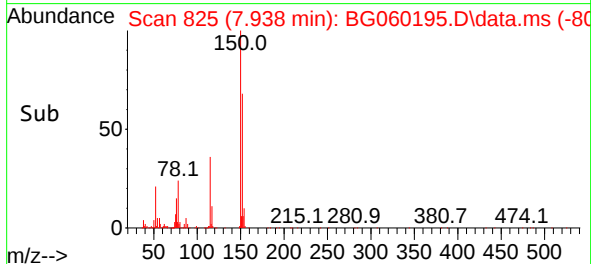
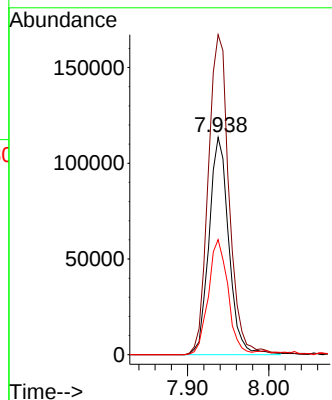
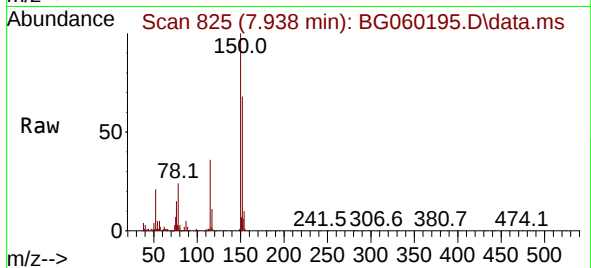




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

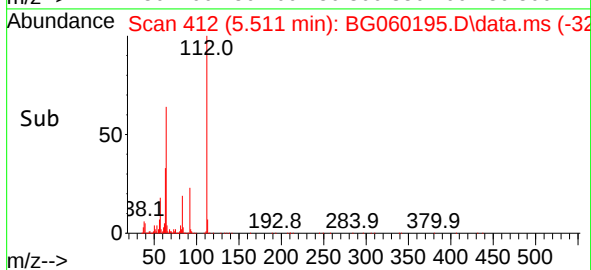
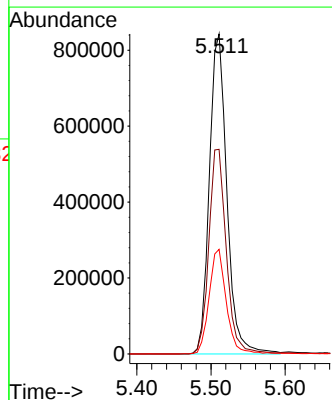
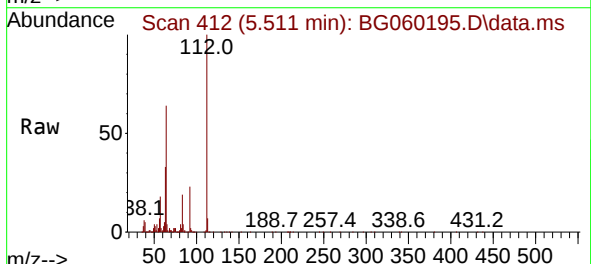
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 192115
Ion Ratio Lower Upper
152 100
150 147.2 123.4 185.0
115 52.9 45.4 68.0



#5
2-Fluorophenol
Concen: 108.571 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:112 Resp: 1381935
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 32.7 25.4 38.0

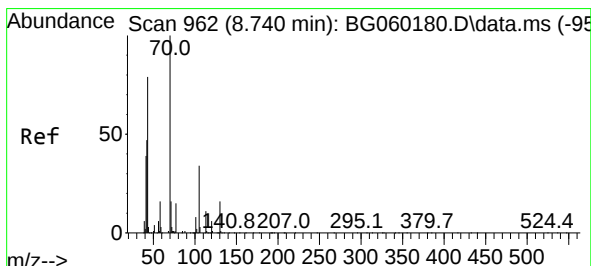
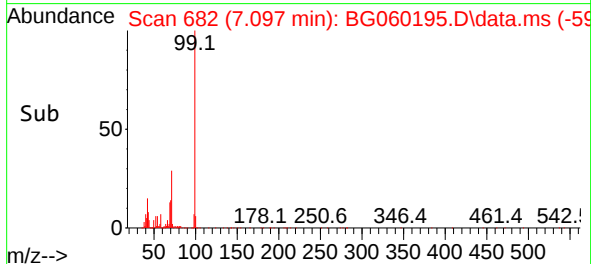
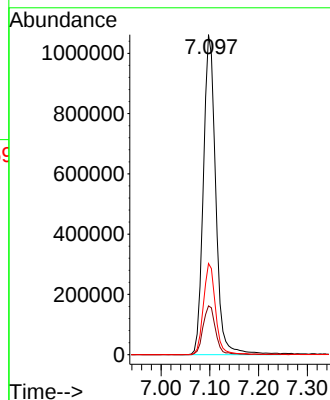
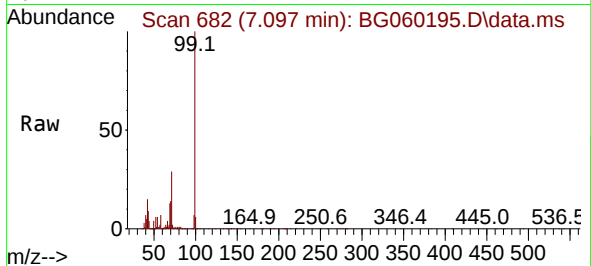




#7
Phenol-d6
Concen: 99.183 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

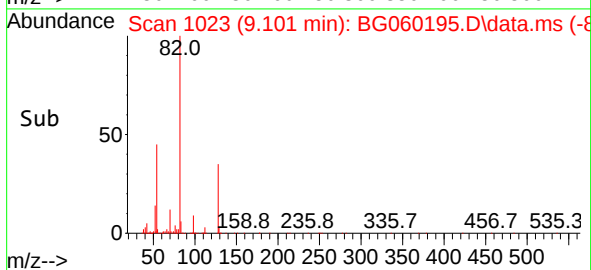
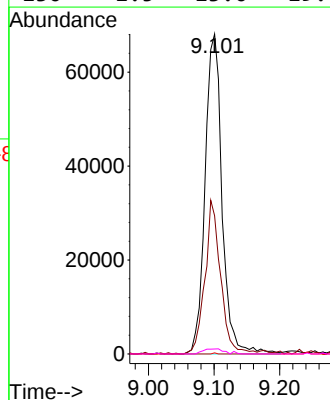
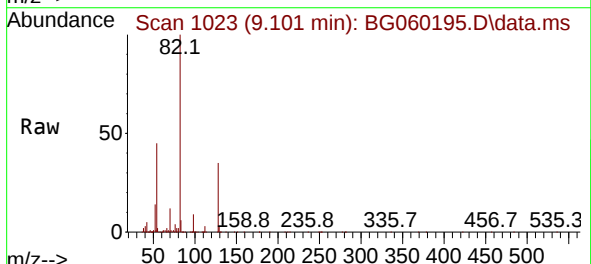
Instrument :
BNA_G
ClientSampleId :

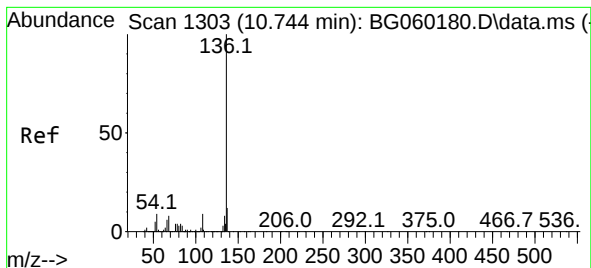
Tgt Ion: 99 Resp: 1874444
Ion Ratio Lower Upper
99 100
42 15.3 12.5 18.7
71 28.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.518 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.361 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion: 70 Resp: 122878
Ion Ratio Lower Upper
70 100
42 43.2 37.9 56.9
101 0.4 6.2 9.2#
130 1.5 13.0 19.4#

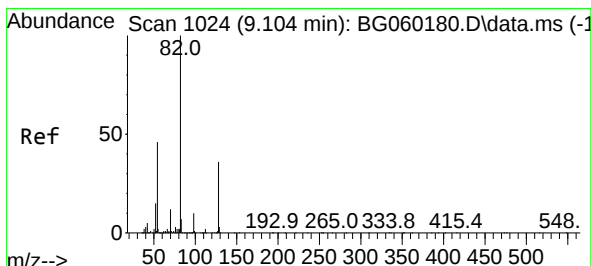
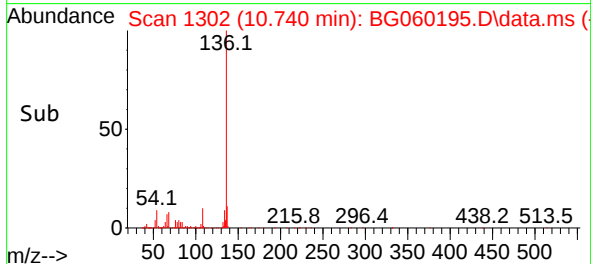
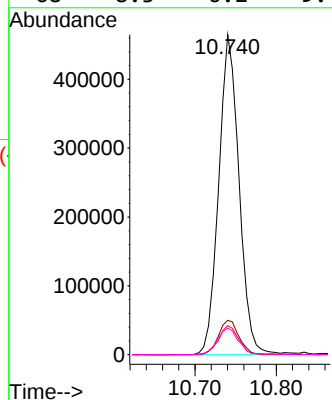
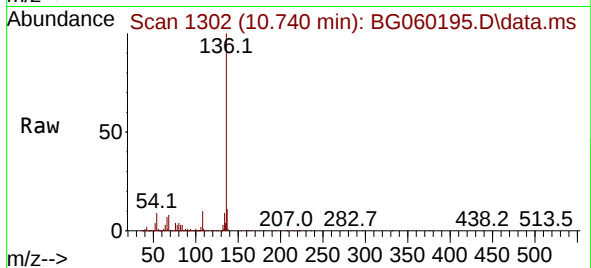




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

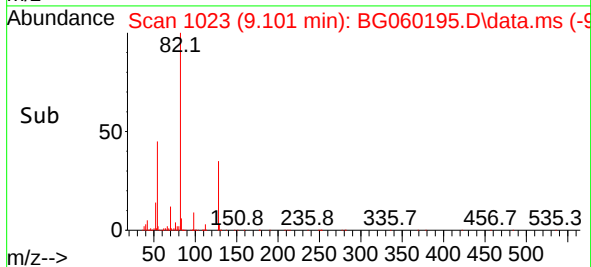
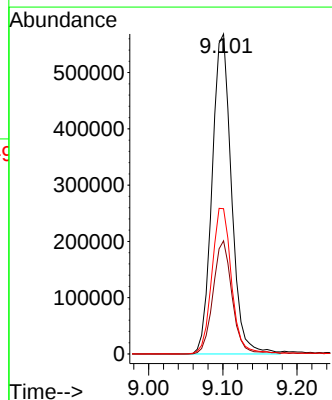
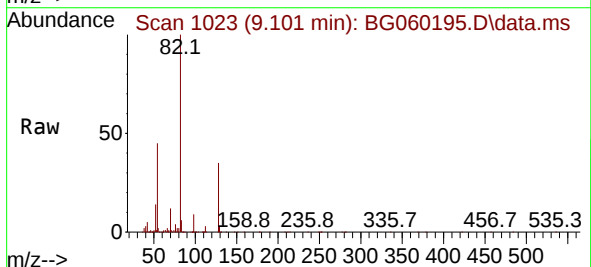
Instrument :
BNA_G
ClientSampleId :

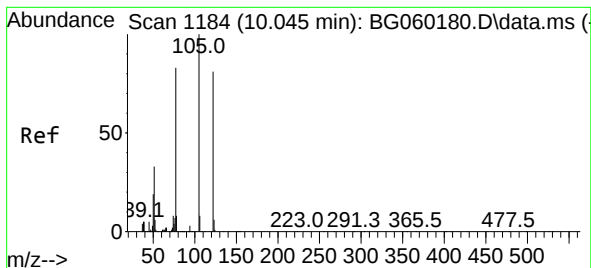
Tgt Ion:136 Resp: 808321
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 9.1 7.4 11.2
68 8.3 6.2 9.4



#23
Nitrobenzene-d5
Concen: 58.862 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion: 82 Resp: 1030089
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 45.4 36.9 55.3





#32

Benzoic acid

Concen: 10.280 ng

RT: 9.918 min Scan# 1162

Delta R.T. -0.127 min

Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

Instrument :

BNA_G

ClientSampleId :

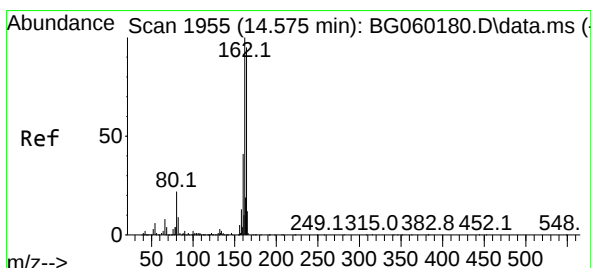
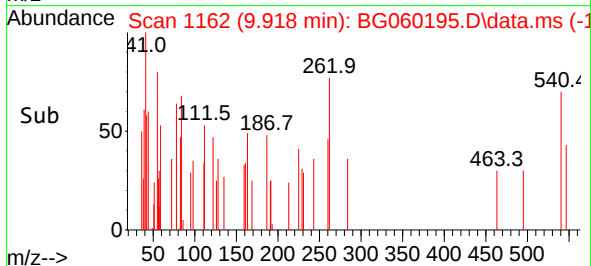
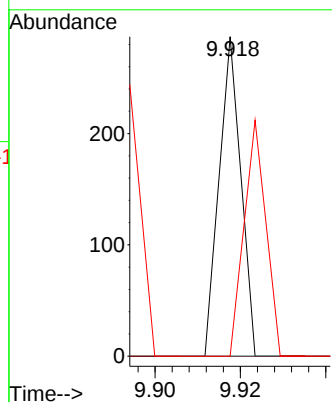
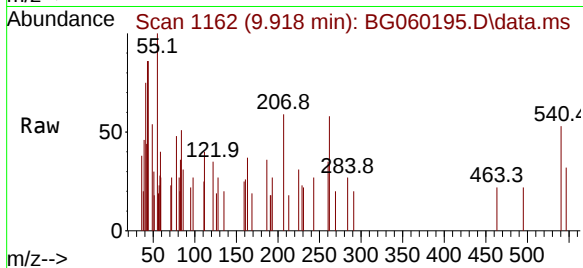
Tgt Ion:122 Resp: 101

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. 0.002 min

Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

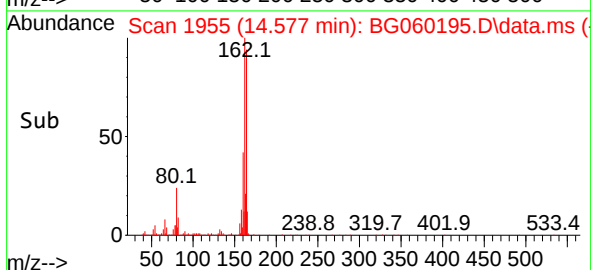
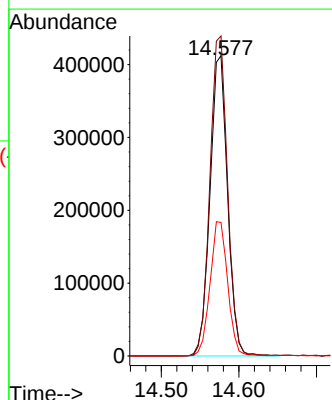
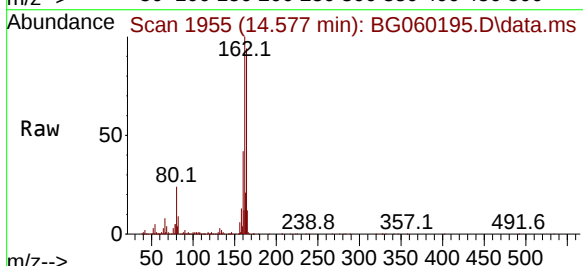
Tgt Ion:164 Resp: 647735

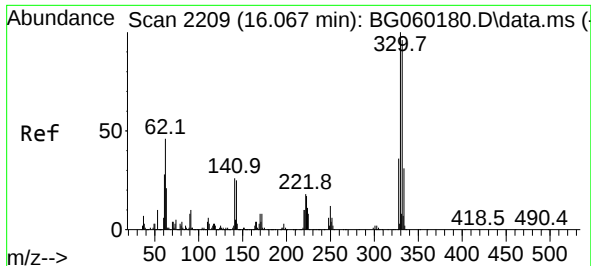
Ion Ratio Lower Upper

164 100

162 106.6 83.9 125.9

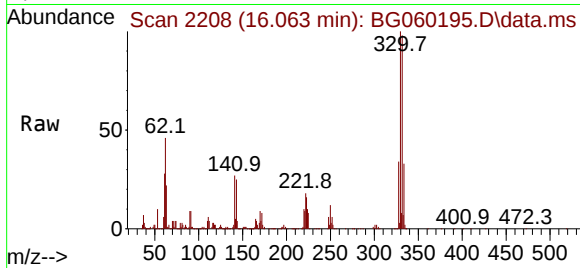
160 44.5 34.2 51.4



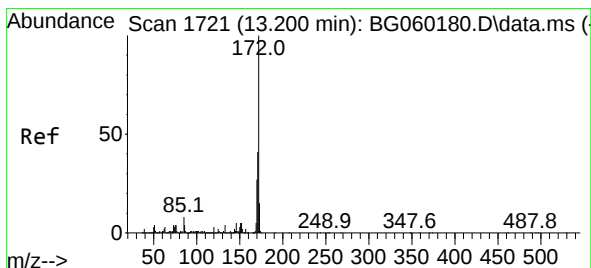
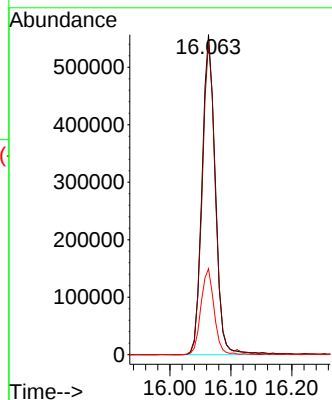
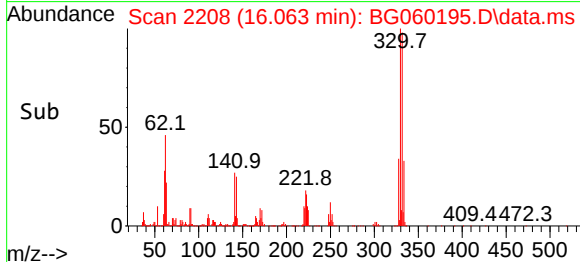


#42
2,4,6-Tribromophenol
Concen: 97.386 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Instrument :
BNA_G
ClientSampleId :

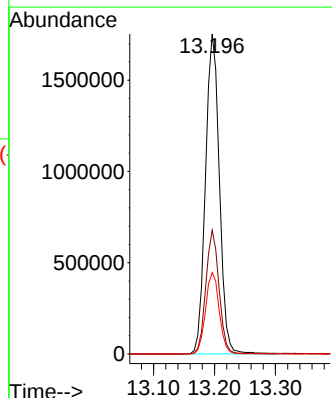
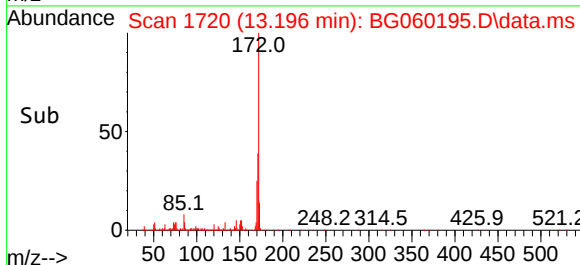
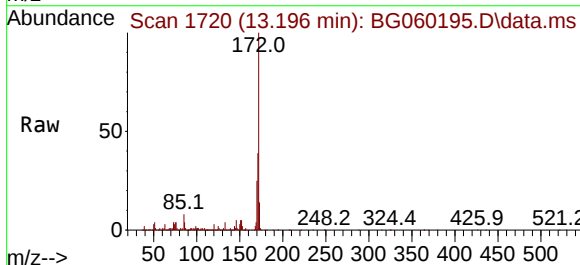


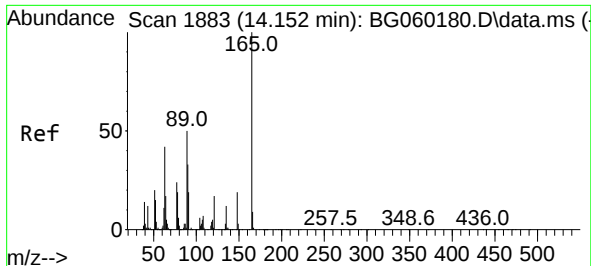
Tgt Ion:330 Resp: 844396
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 26.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 61.764 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:172 Resp: 2783623
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 25.5 21.8 32.6

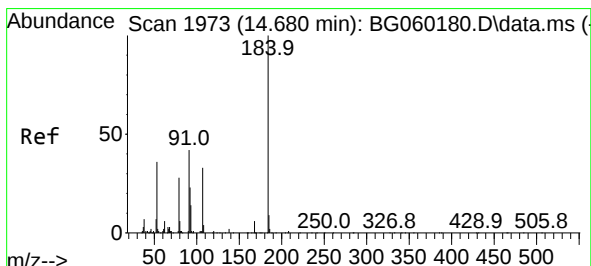
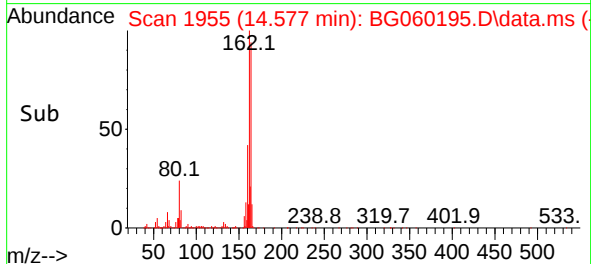
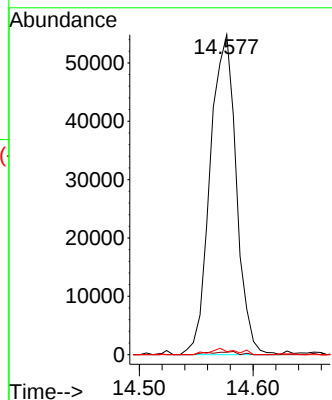
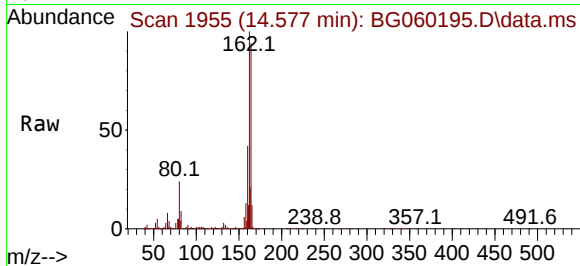




#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.425 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

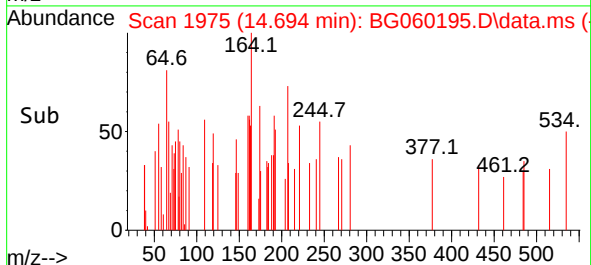
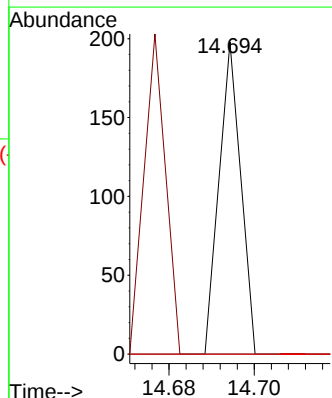
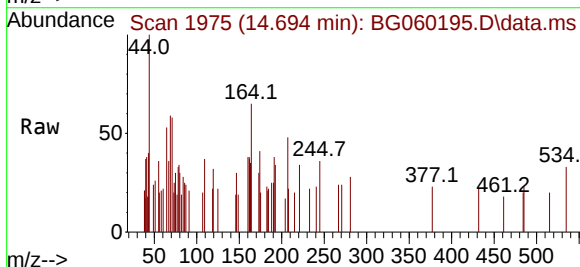
Instrument :
BNA_G
ClientSampleId :

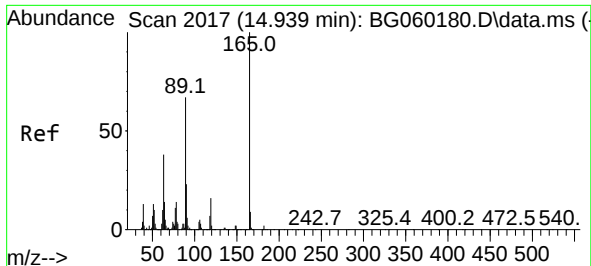
Tgt Ion:165 Resp: 87594
Ion Ratio Lower Upper
165 100
63 0.7 39.3 58.9#
89 1.0 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.247 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.014 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.193 ng

RT: 14.577 min Scan# 1955

Delta R.T. -0.362 min

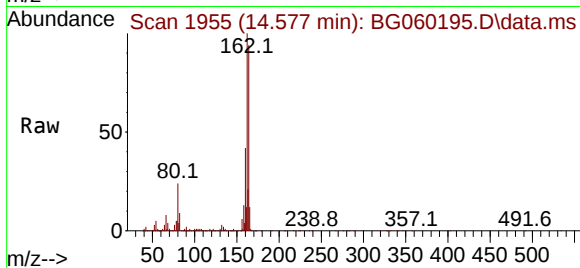
Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 87594

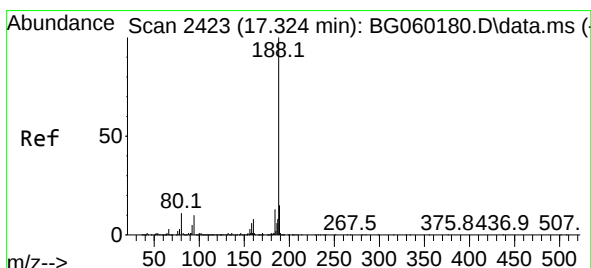
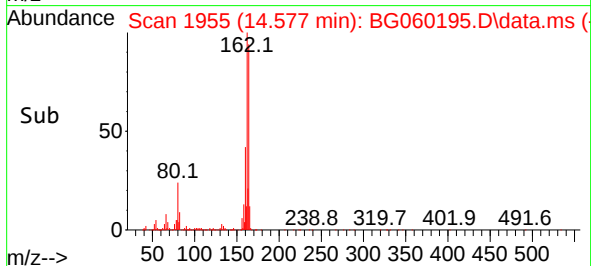
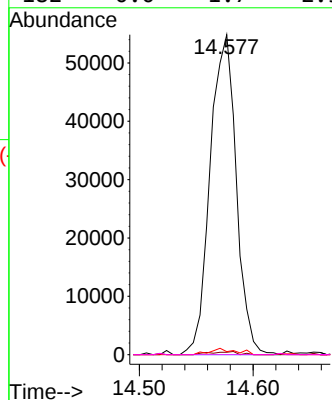
Ion Ratio Lower Upper

165 100

63 0.7 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: 17.321 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG060195.D

Acq: 2 Jan 2024 15:10

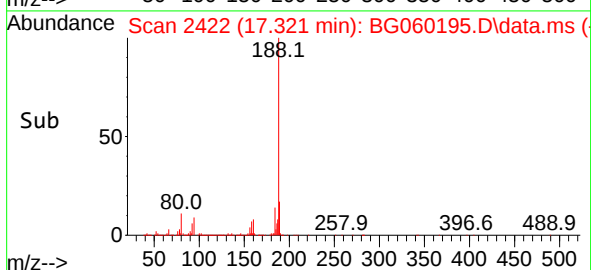
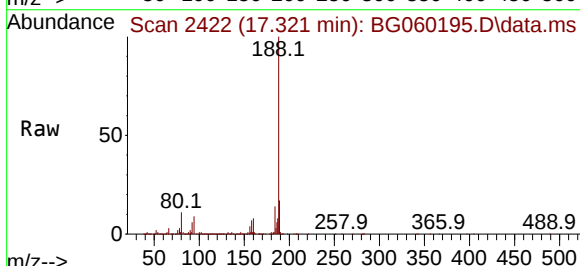
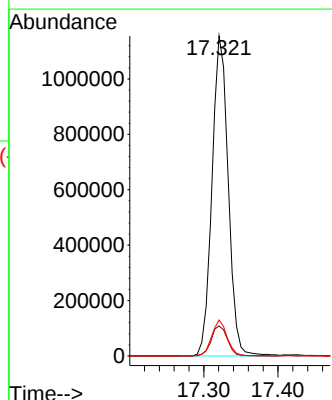
Tgt Ion:188 Resp: 1752567

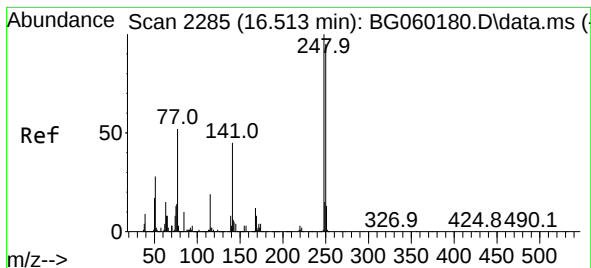
Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 11.3 8.6 13.0

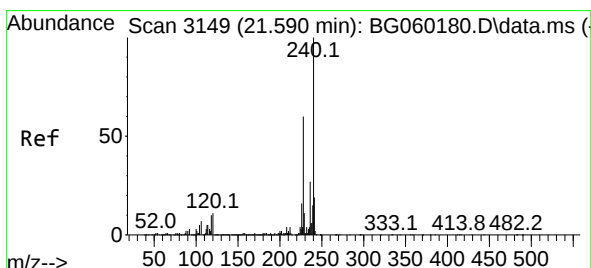
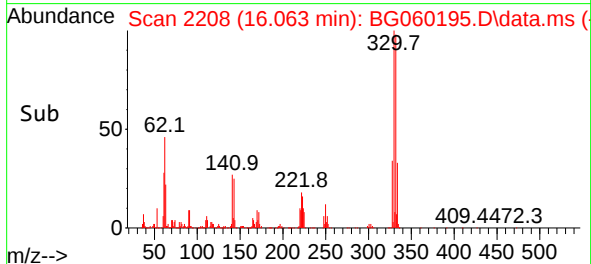
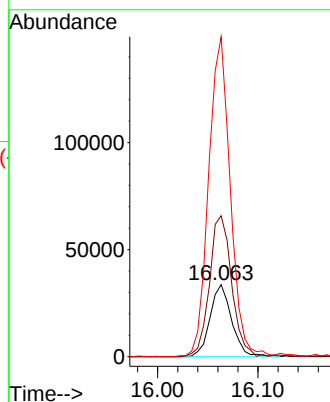
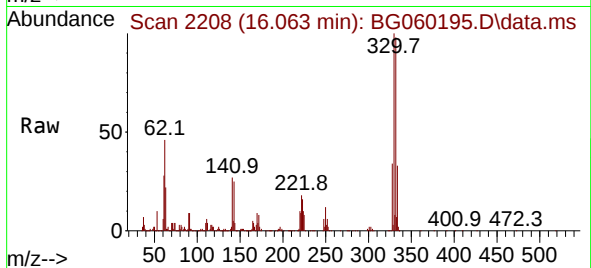




#67
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

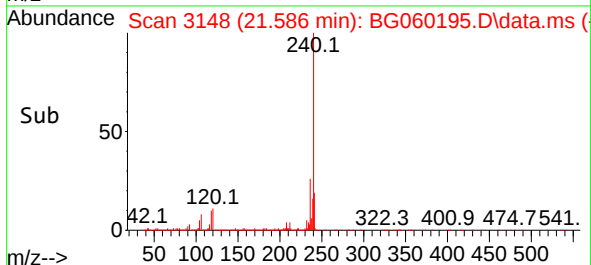
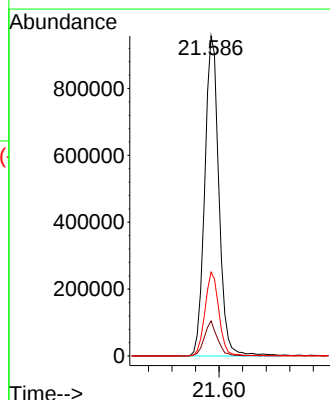
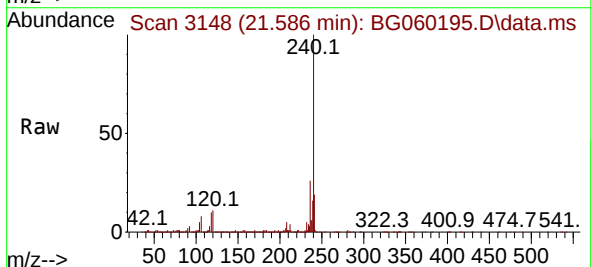
Instrument :
BNA_G
ClientSampleId :

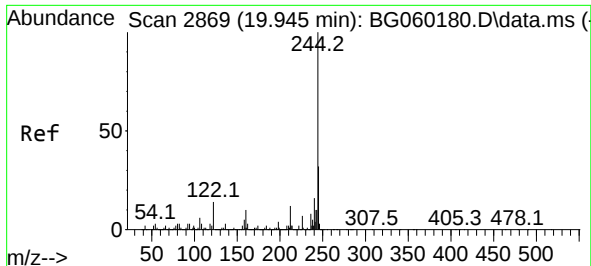
Tgt Ion:248 Resp: 50234
Ion Ratio Lower Upper
248 100
250 195.7 76.2 114.4#
141 444.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060195.D
Acq: 2 Jan 2024 15:10

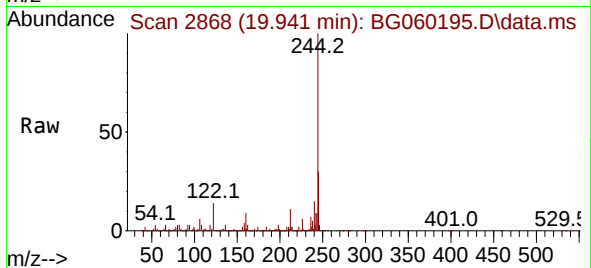
Tgt Ion:240 Resp: 1599879
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 26.2 21.4 32.2



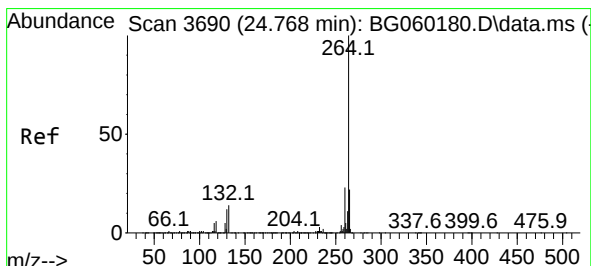
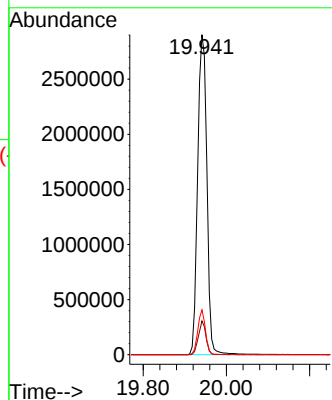
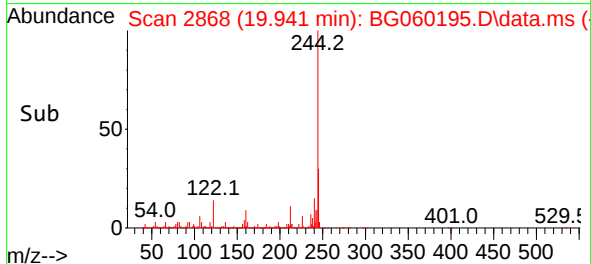


#79
 Terphenyl-d14
 Concen: 53.791 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060195.D
 Acq: 2 Jan 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 4476459
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 14.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.004 min
 Lab File: BG060195.D
 Acq: 2 Jan 2024 15:10

Tgt Ion:264 Resp: 1758387
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.0 27.0
 265 21.3 17.4 26.0

