

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060185.D
 Acq On : 29 Dec 2023 18:00
 Operator : MA/JU
 Sample : PB158041BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158041BL

Quant Time: Dec 30 03:27:23 2023
 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)

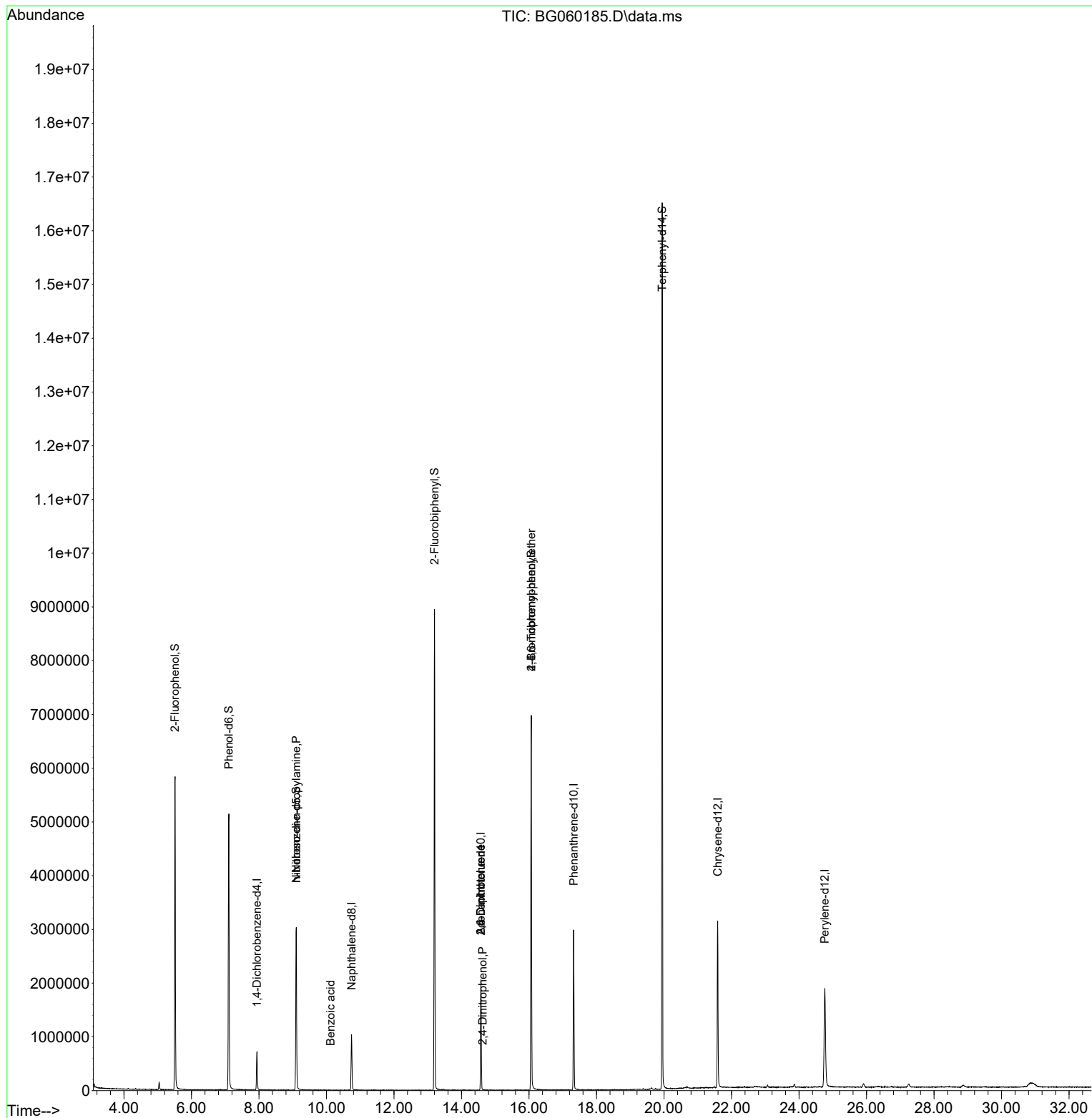
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	225469	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	938181	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	721264	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1967294	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1878281	20.000	ng	0.00
86) Perylene-d12	24.762	264	2073805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2643297	176.948	ng	0.00
7) Phenol-d6	7.107	99	3387292	152.719	ng	0.00
23) Nitrobenzene-d5	9.104	82	2072246	102.024	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1475035	152.776	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4570423	91.072	ng	0.00
79) Terphenyl-d14	19.945	244	6500238	66.533	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.104	70	246662	16.279	ng	Qvalue # 86
32) Benzoic acid	10.121	122	206	10.288	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	97710	8.436	ng	# 29
54) 2,4-Dinitrophenol	14.627	184	72	8.246	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	97710	6.204	ng	# 27
67) 4-Bromophenyl-phenylether	16.067	248	87657	4.203	ng	# 1

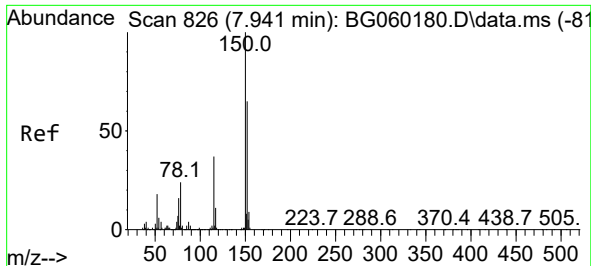
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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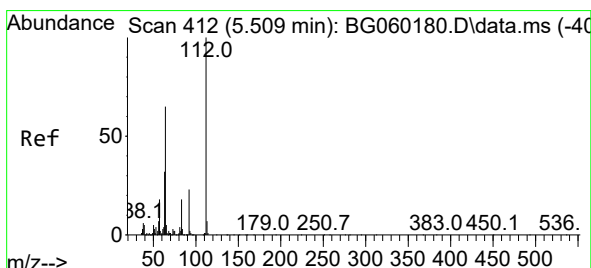
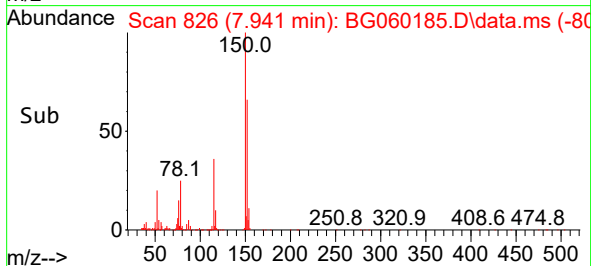
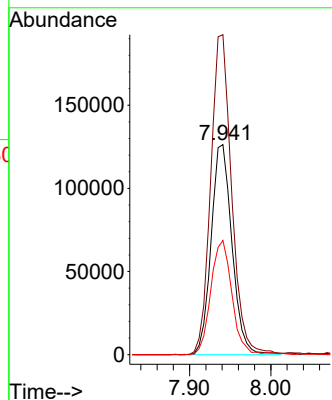
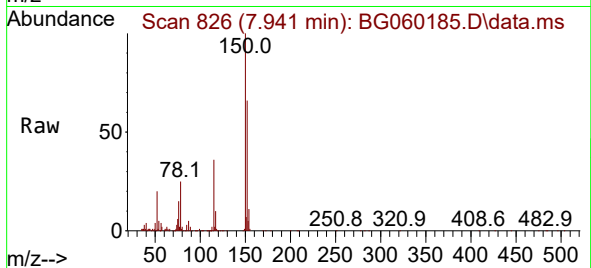




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

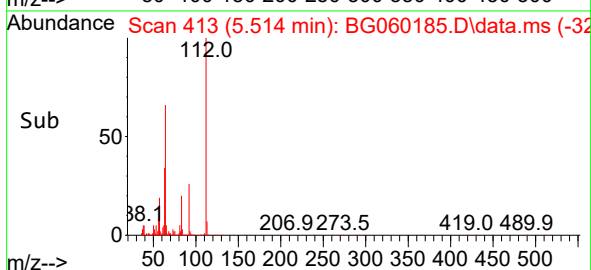
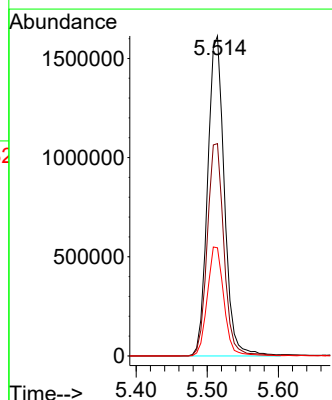
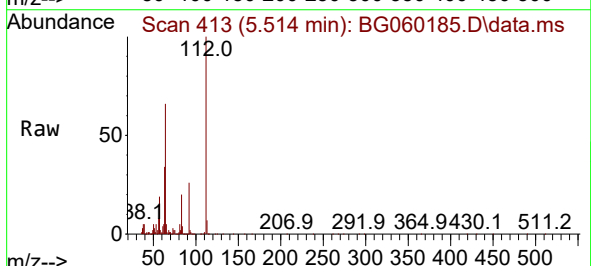
Instrument :
BNA_G
ClientSampleId :
PB158041BL

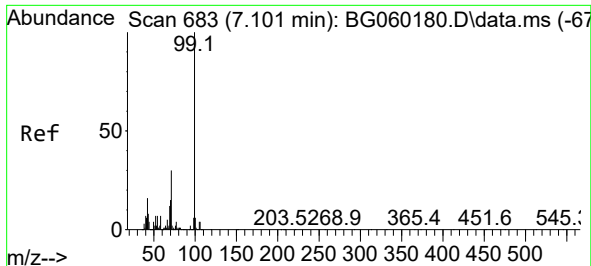
Tgt Ion:152 Resp: 225469
Ion Ratio Lower Upper
152 100
150 152.3 123.4 185.0
115 54.3 45.4 68.0



#5
2-Fluorophenol
Concen: 176.948 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:112 Resp: 2643297
Ion Ratio Lower Upper
112 100
64 66.3 52.2 78.4
63 33.8 25.4 38.0

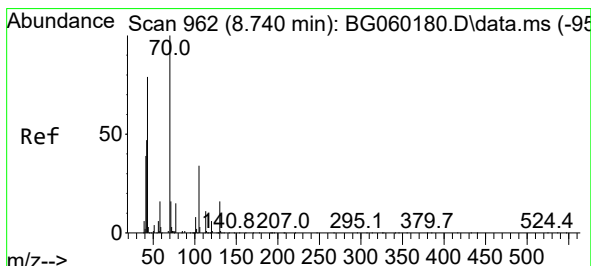
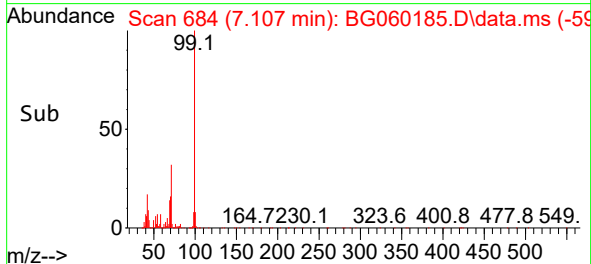
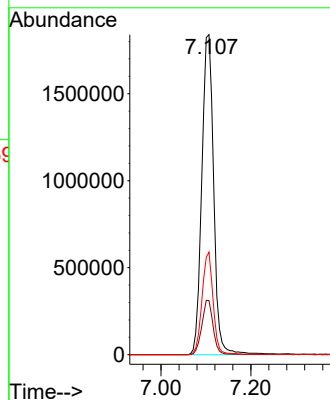
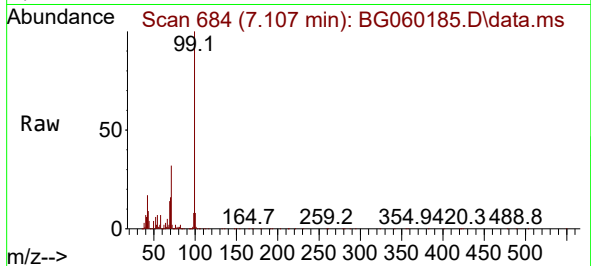




#7
Phenol-d6
Concen: 152.719 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

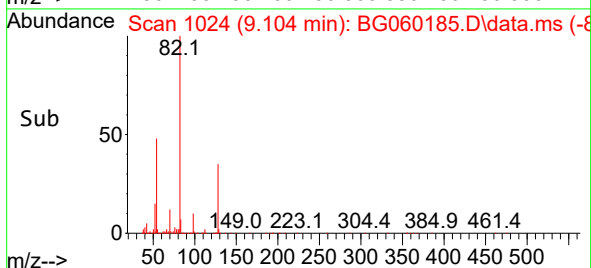
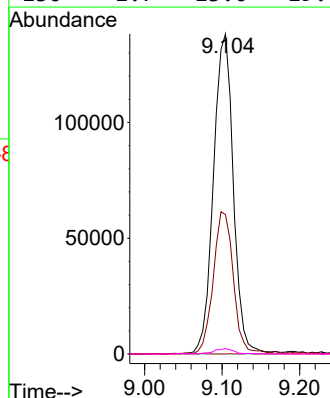
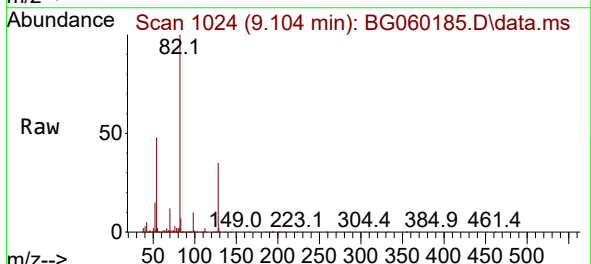
Instrument :
BNA_G
ClientSampleId :
PB158041BL

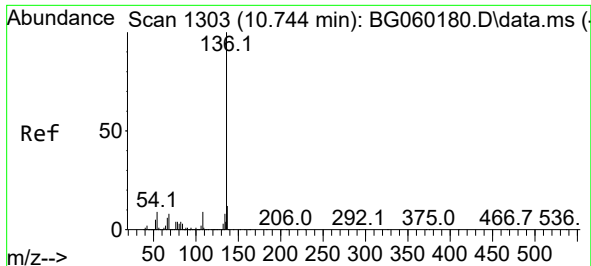
Tgt Ion: 99 Resp: 3387292
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 32.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.279 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.364 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion: 70 Resp: 246662
Ion Ratio Lower Upper
70 100
42 43.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.7 13.0 19.4#

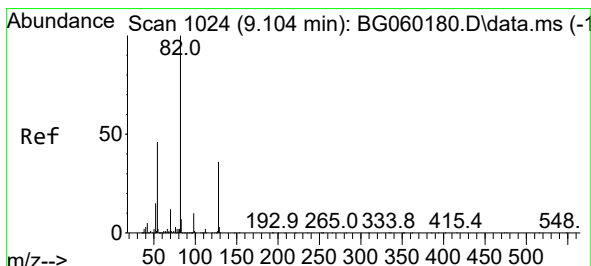
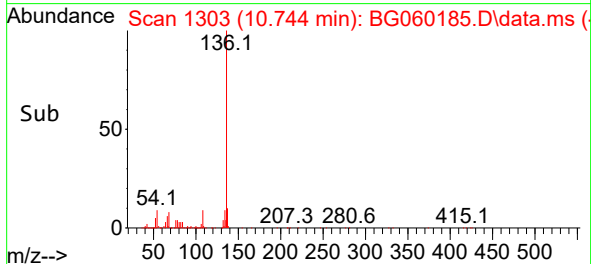
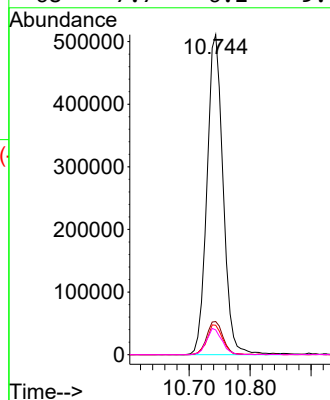
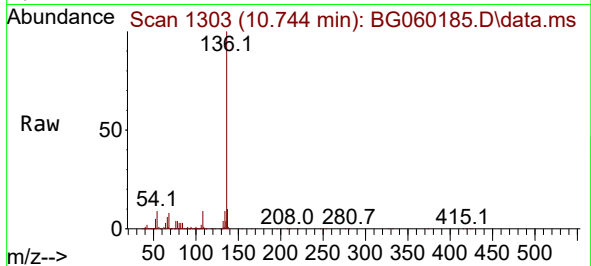




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

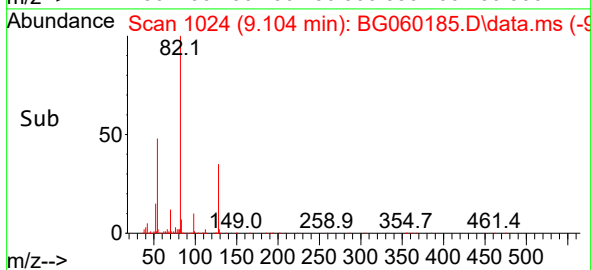
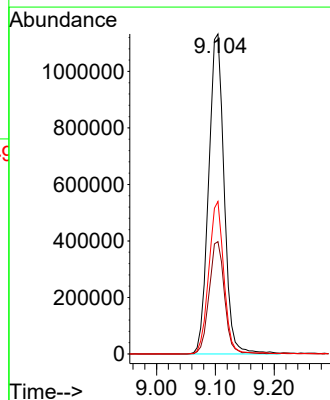
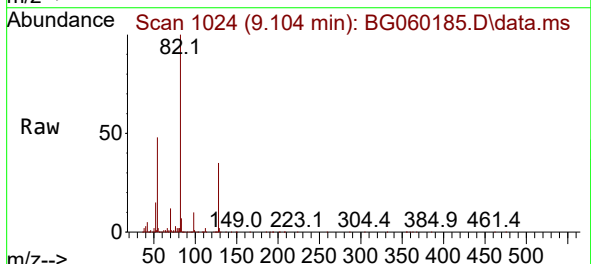
Instrument :
BNA_G
ClientSampleId :
PB158041BL

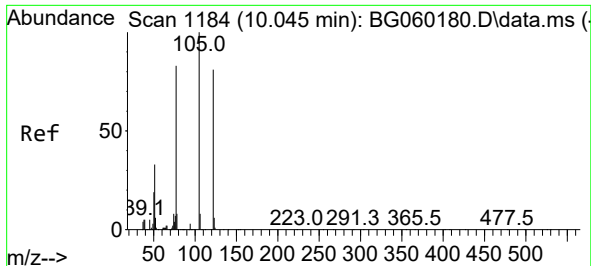
Tgt Ion:	136	Resp:	938181
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.4	14.0
54	9.2	7.4	11.2
68	7.7	6.2	9.4



#23
Nitrobenzene-d5
Concen: 102.024 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:	82	Resp:	2072246
Ion Ratio	Lower	Upper	
82	100		
128	35.1	28.7	43.1
54	47.7	36.9	55.3

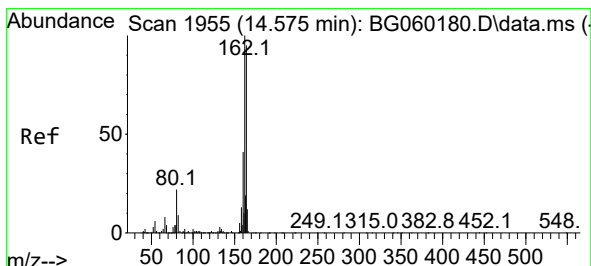
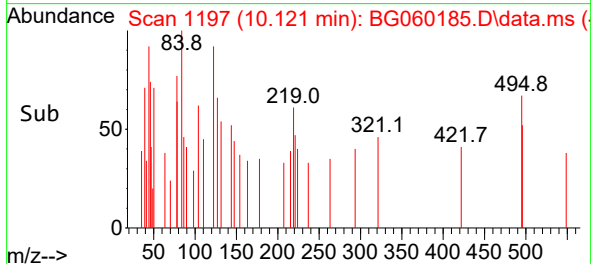
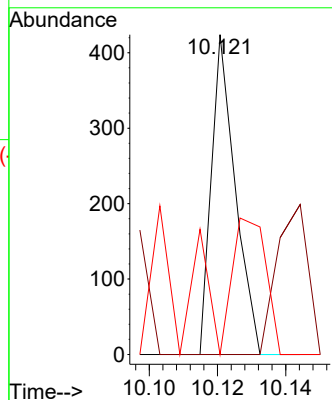
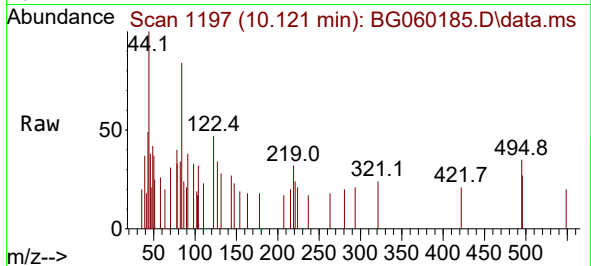




#32
Benzoic acid
Concen: 10.288 ng
RT: 10.121 min Scan# 1184
Delta R.T. 0.076 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

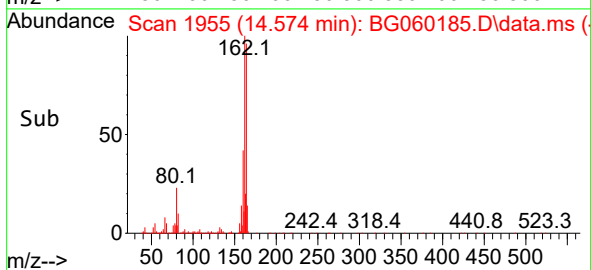
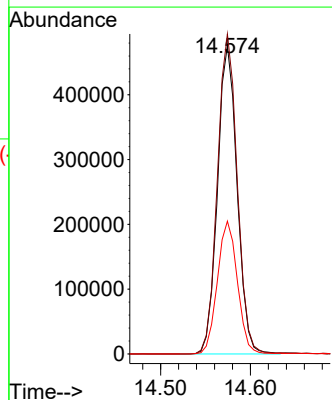
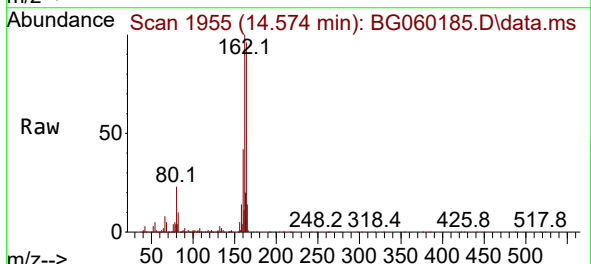
Instrument :
BNA_G
ClientSampleId :
PB158041BL

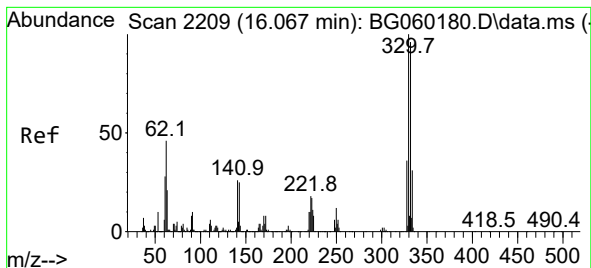
Tgt Ion:122 Resp: 206
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:164 Resp: 721264
Ion Ratio Lower Upper
164 100
162 103.8 83.9 125.9
160 43.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 152.776 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

Instrument :

BNA_G

ClientSampleId :

PB158041BL

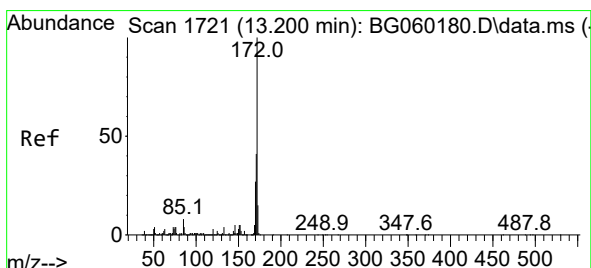
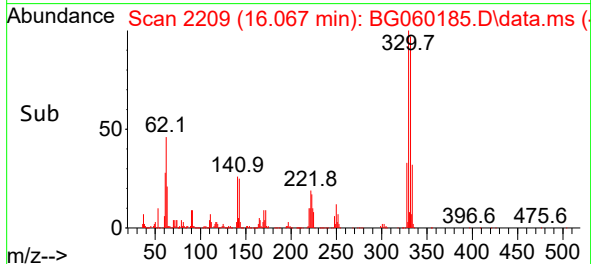
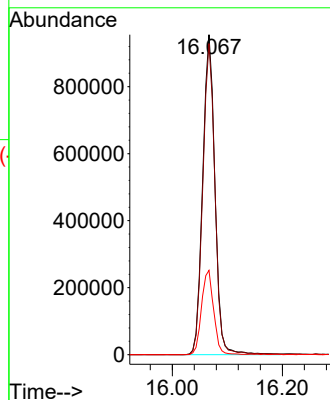
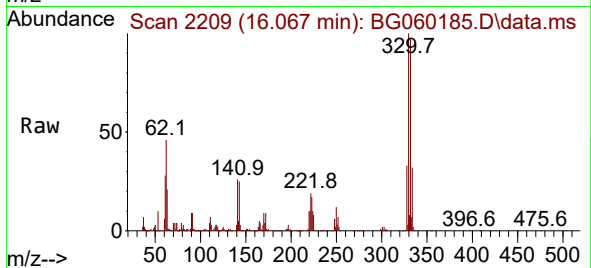
Tgt Ion:330 Resp: 1475035

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 26.0 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 91.072 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.000 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

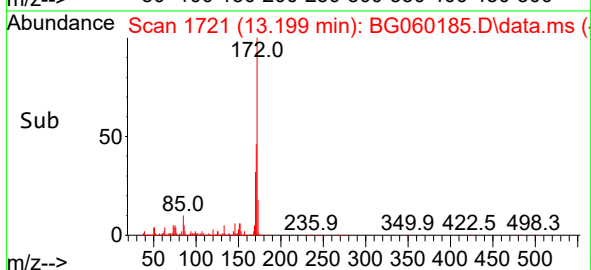
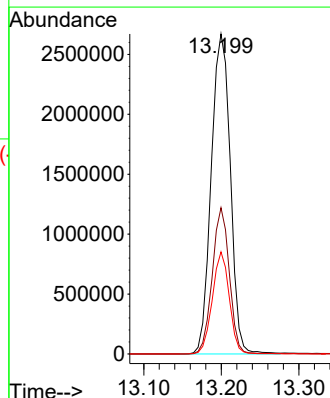
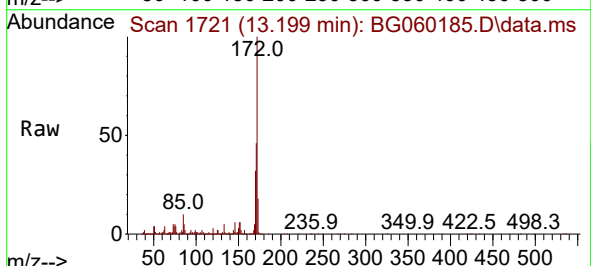
Tgt Ion:172 Resp: 4570423

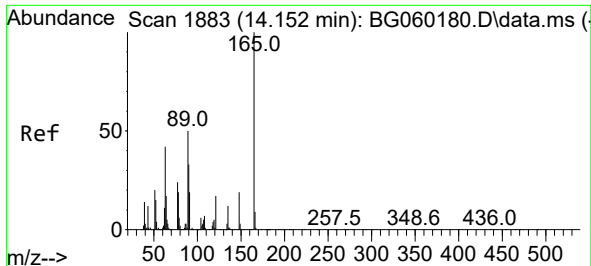
Ion Ratio Lower Upper

172 100

171 45.7 32.6 48.8

170 31.9 21.8 32.6

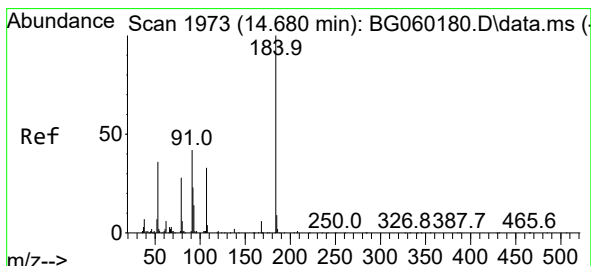
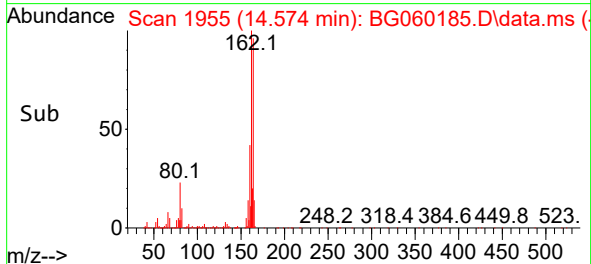
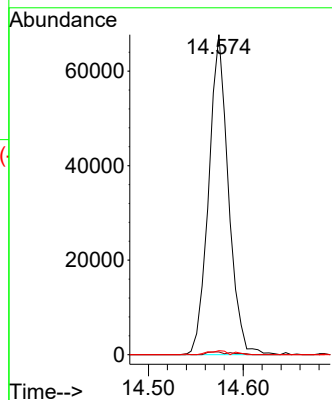
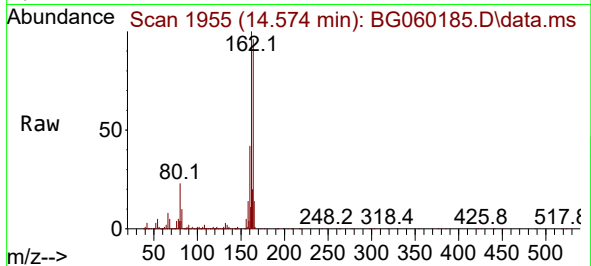




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

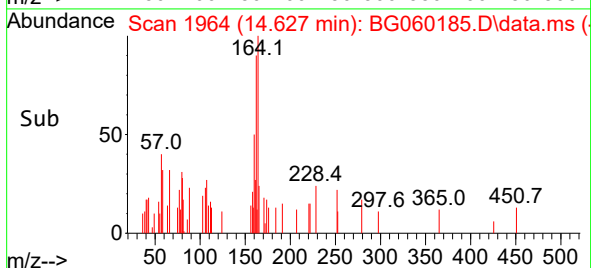
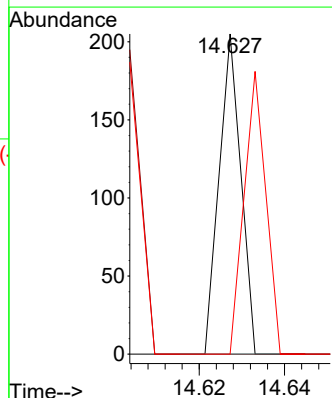
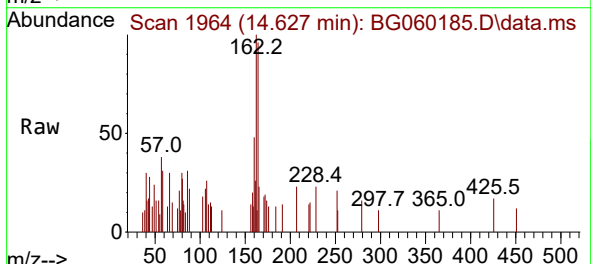
Instrument :
BNA_G
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PB158041BL

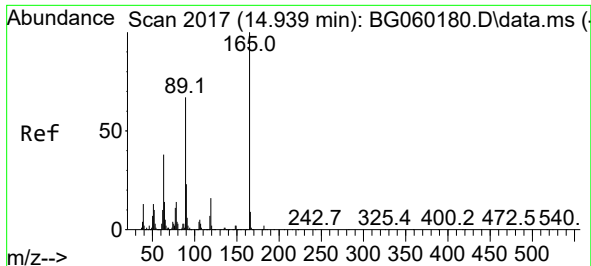
Tgt Ion:165 Resp: 97710
Ion Ratio Lower Upper
165 100
63 0.8 39.3 58.9#
89 1.2 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.246 ng
RT: 14.627 min Scan# 1964
Delta R.T. -0.053 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:184 Resp: 72
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: 6.204 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.364 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

Instrument :

BNA_G

ClientSampleId :

PB158041BL

Tgt Ion:165 Resp: 97710

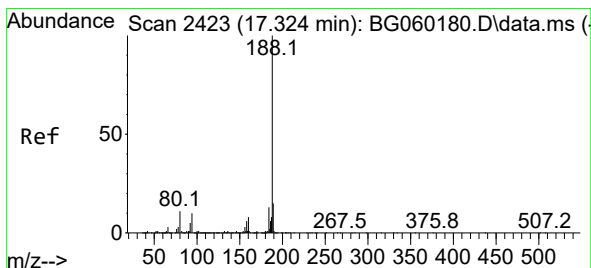
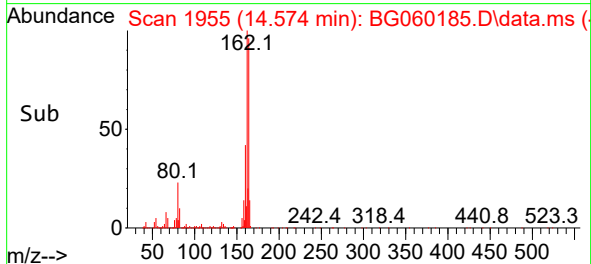
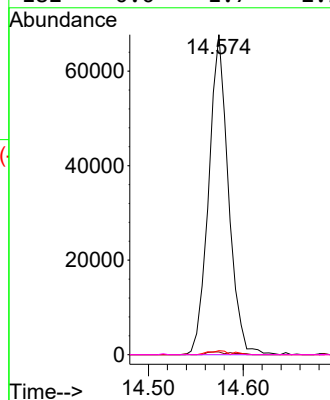
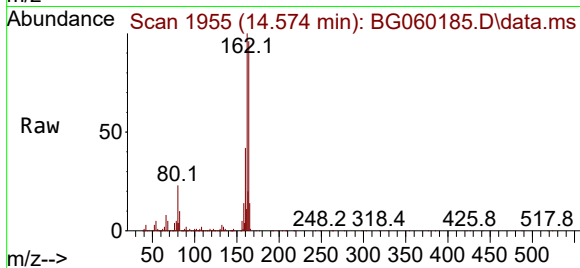
Ion Ratio Lower Upper

165 100

63 0.8 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: 17.324 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

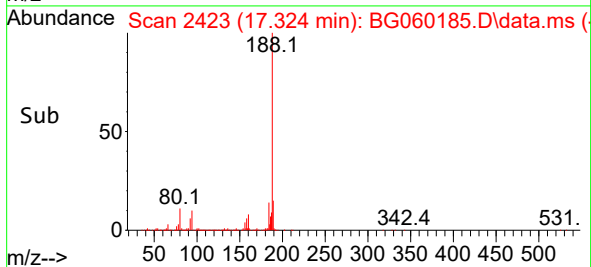
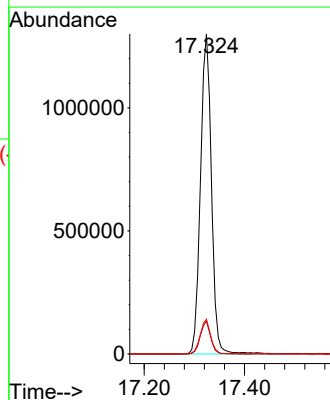
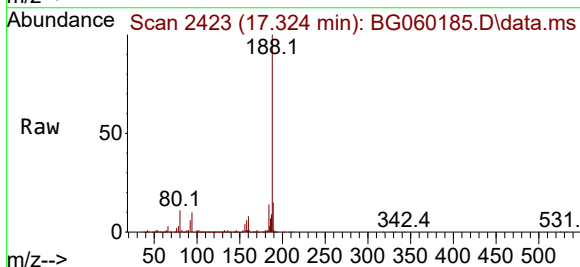
Tgt Ion:188 Resp: 1967294

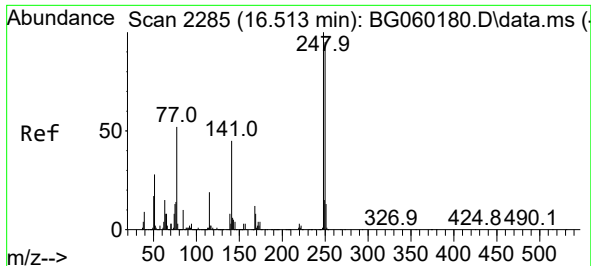
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 10.8 8.6 13.0

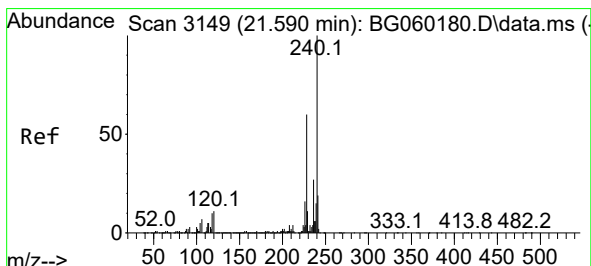
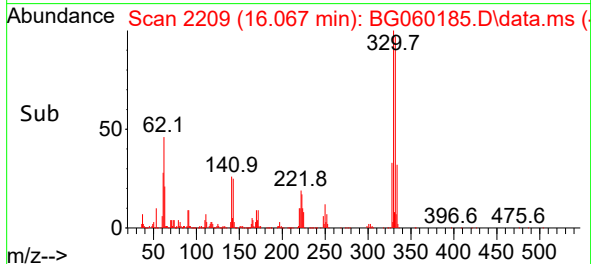
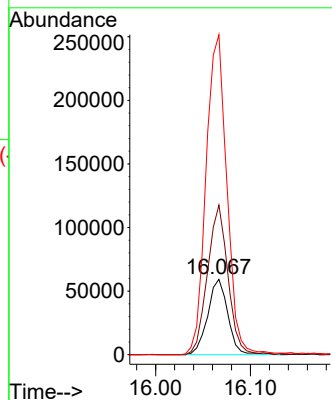
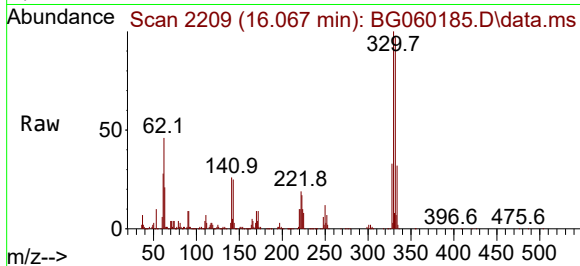




#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

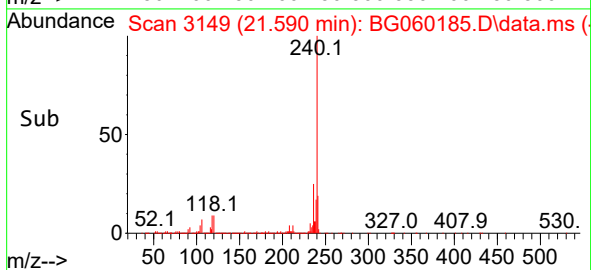
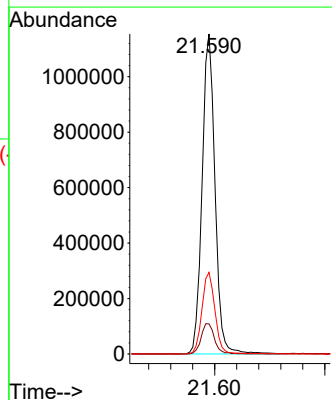
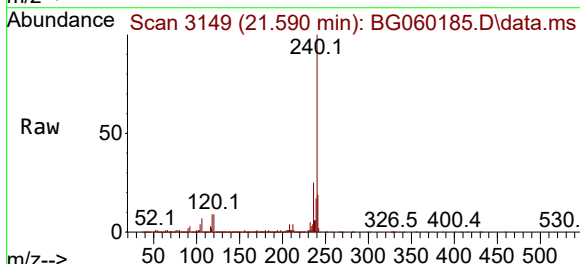
Instrument :
BNA_G
ClientSampleId :
PB158041BL

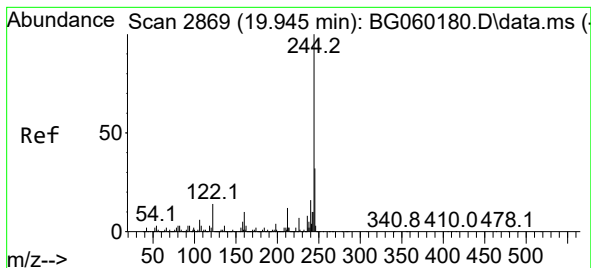
Tgt Ion:248 Resp: 87657
Ion Ratio Lower Upper
248 100
250 198.3 76.2 114.4#
141 424.3 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:240 Resp: 1878281
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 66.533 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

Instrument :

BNA_G

ClientSampleId :

PB158041BL

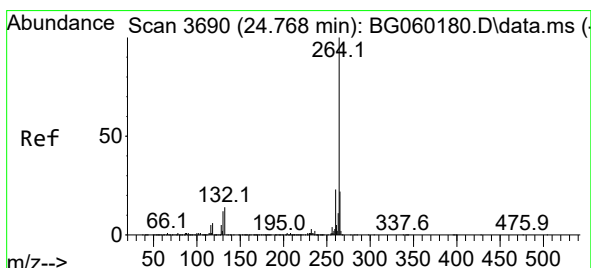
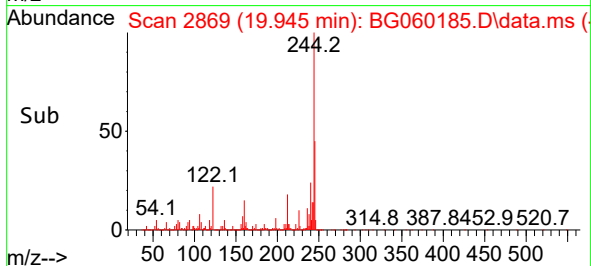
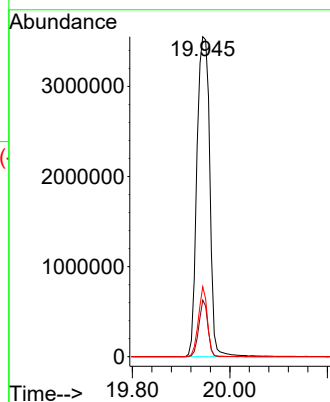
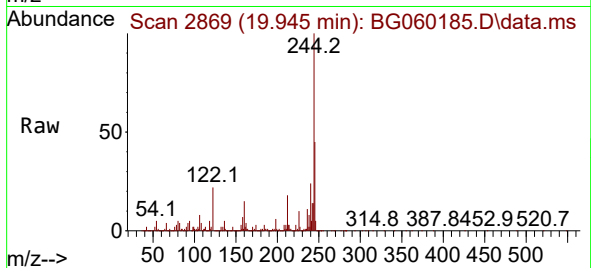
Tgt Ion:244 Resp: 6500238

Ion Ratio Lower Upper

244 100

212 17.7 9.5 14.3#

122 21.8 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: BG060185.D

Acq: 29 Dec 2023 18:00

Tgt Ion:264 Resp: 2073805

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

265 22.7 17.4 26.0

