

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060256.D
 Acq On : 4 Jan 2024 23:04
 Operator : MA/JU
 Sample : PB158206BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158206BL

Quant Time: Jan 05 01:47:28 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)

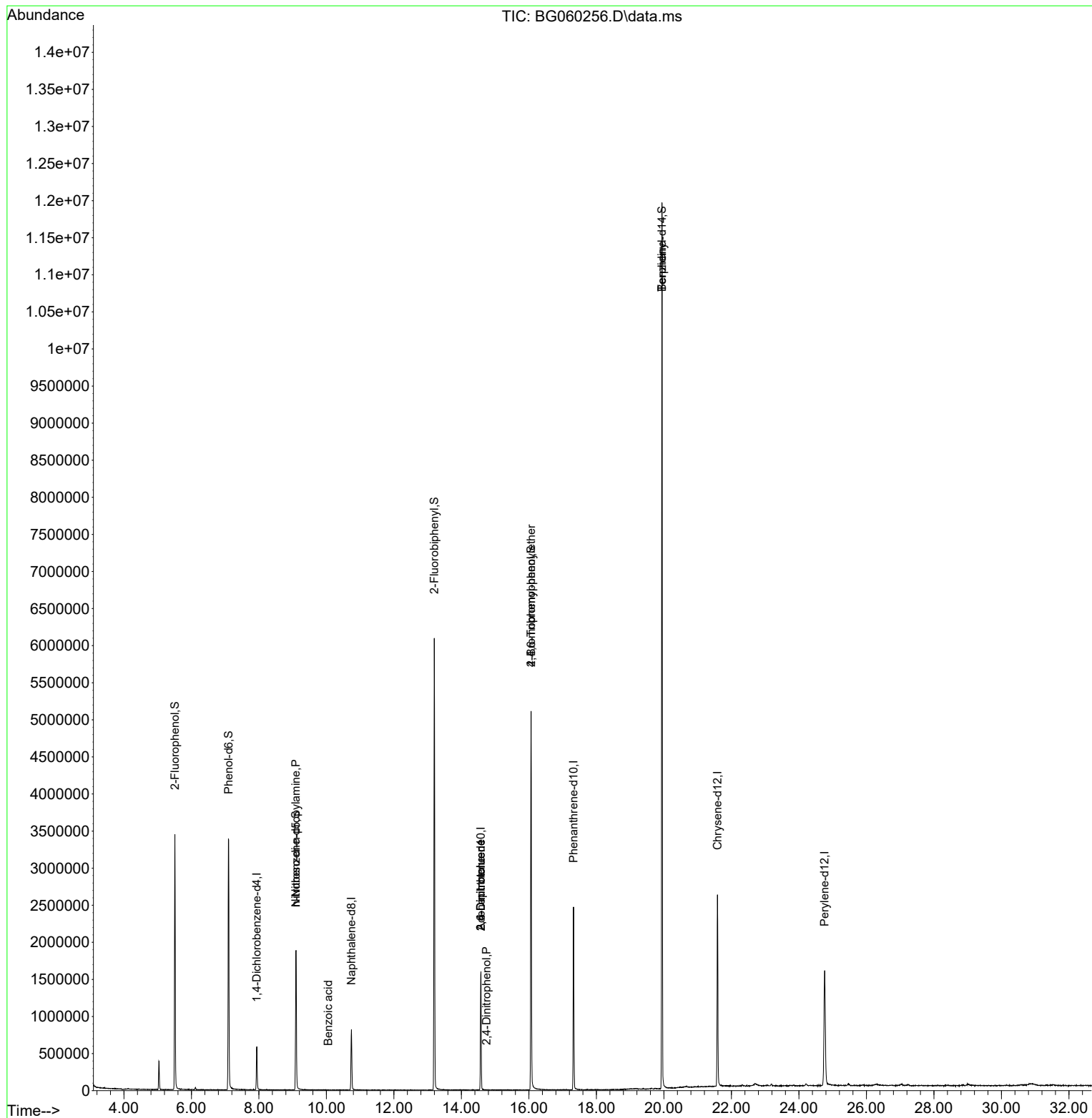
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	183991	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	751119	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	605914	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1609994	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1547682	20.000	ng	0.00
86) Perylene-d12	24.759	264	1782721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1589622	130.402	ng	0.00
7) Phenol-d6	7.097	99	2323482	128.372	ng	0.00
23) Nitrobenzene-d5	9.095	82	1327397	81.628	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1095888	135.115	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3360179	79.703	ng	0.00
79) Terphenyl-d14	19.941	244	5385613	66.899	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	159554	12.904	ng	# 84
32) Benzoic acid	10.052	122	106	10.282	ng	# 1
51) 2,6-Dinitrotoluene	14.571	165	78586	8.076	ng	# 29
54) 2,4-Dinitrophenol	14.741	184	54	8.245	ng	# 25
57) 2,4-Dinitrotoluene	14.571	165	78586	5.940	ng	# 27
67) 4-Bromophenyl-phenylether	16.063	248	66458	3.893	ng	# 1
77) Benzidine	19.941	184	96354	2.249	ng	# 94

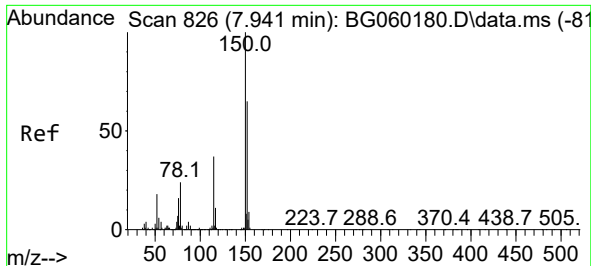
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
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QLast Update : Sat Dec 30 03:14:04 2023
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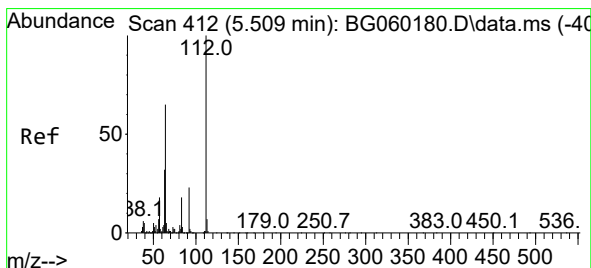
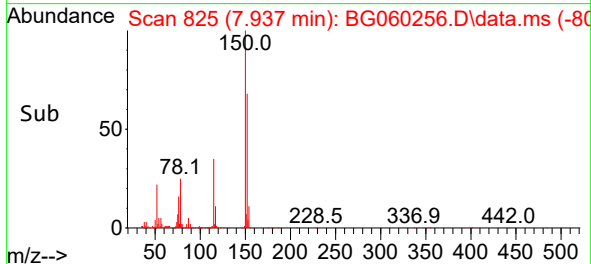
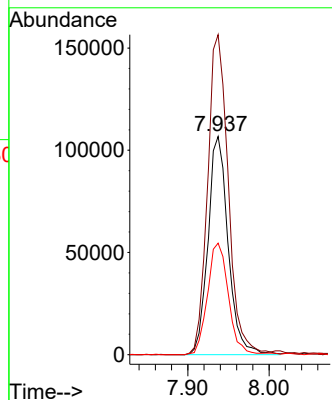
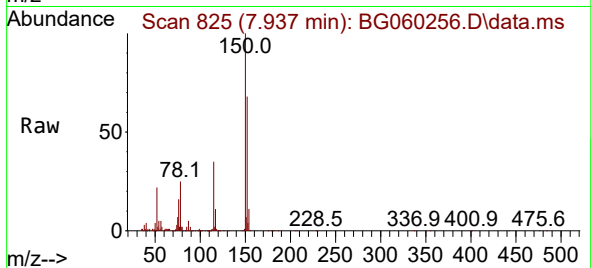




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

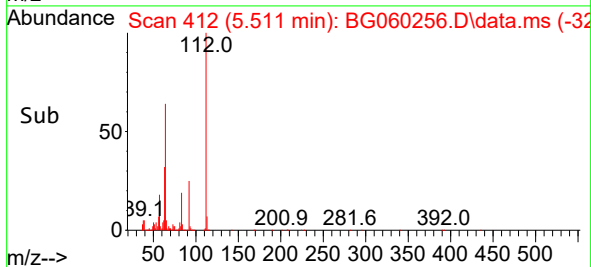
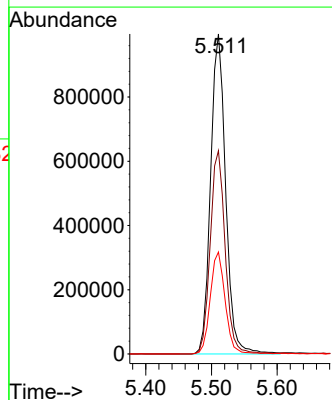
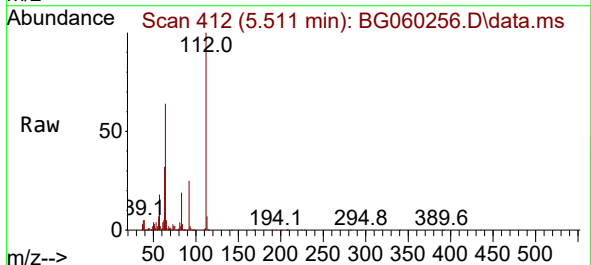
Instrument :
BNA_G
ClientSampleId :
PB158206BL

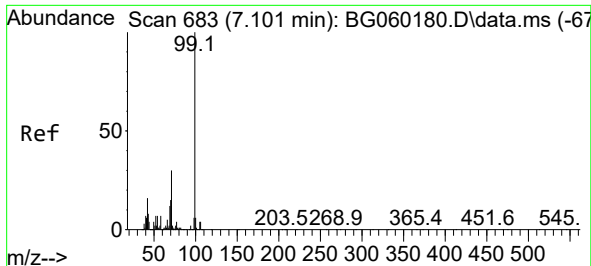
Tgt Ion:152 Resp: 183991
Ion Ratio Lower Upper
152 100
150 146.6 123.4 185.0
115 51.1 45.4 68.0



#5
2-Fluorophenol
Concen: 130.402 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:112 Resp: 1589622
Ion Ratio Lower Upper
112 100
64 63.5 52.2 78.4
63 31.8 25.4 38.0

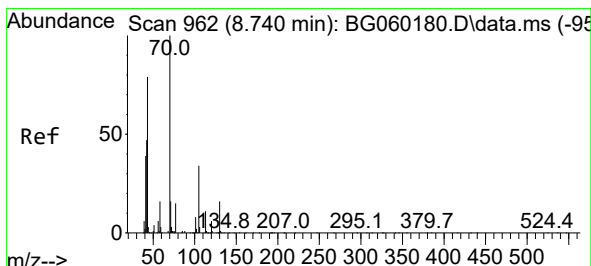
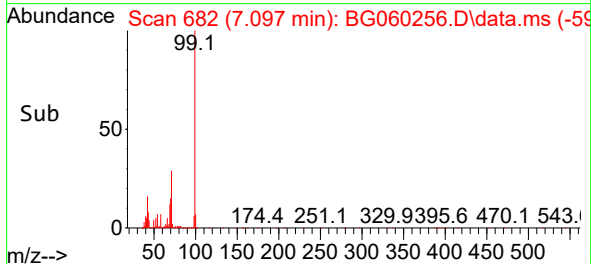
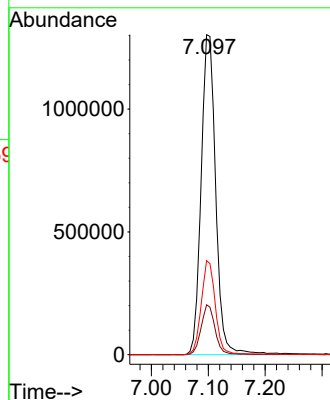
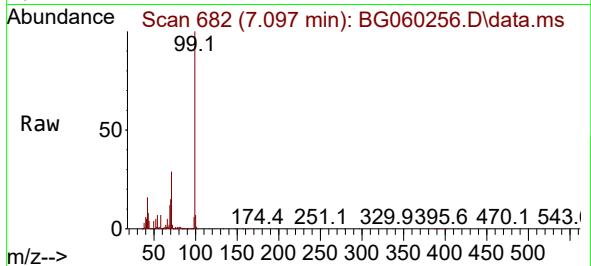




#7
Phenol-d6
Concen: 128.372 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

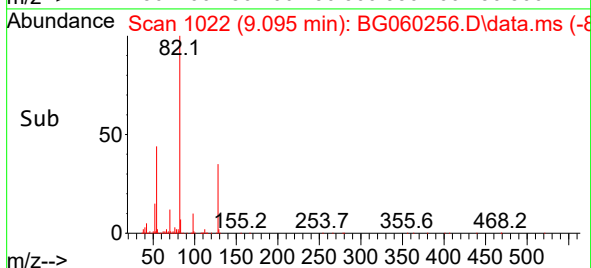
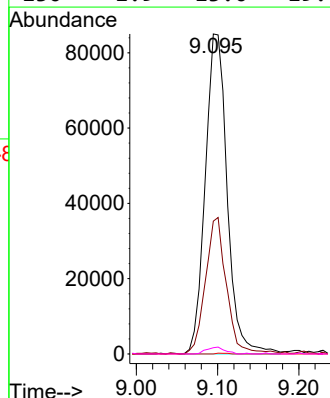
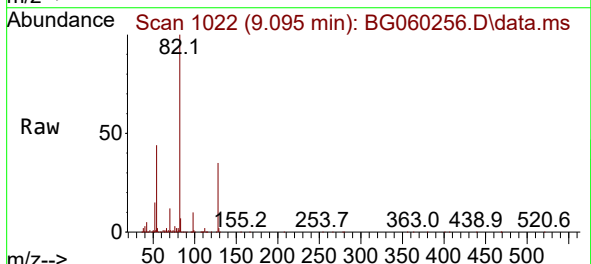
Instrument :
BNA_G
ClientSampleId :
PB158206BL

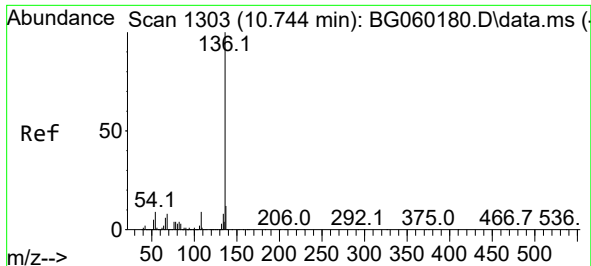
Tgt Ion: 99 Resp: 2323482
Ion Ratio Lower Upper
99 100
42 15.6 12.5 18.7
71 29.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.904 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.355 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion: 70 Resp: 159554
Ion Ratio Lower Upper
70 100
42 41.5 37.9 56.9
101 0.0 6.2 9.2#
130 1.9 13.0 19.4#

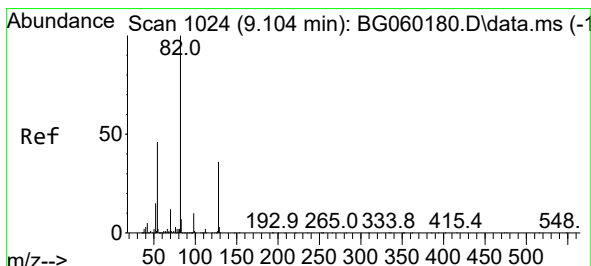
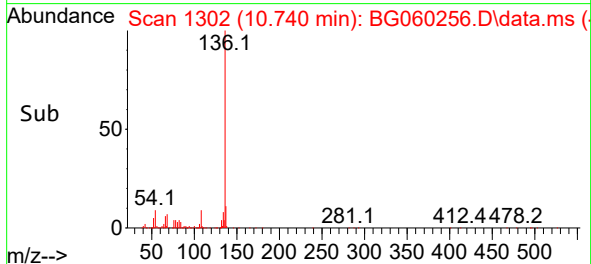
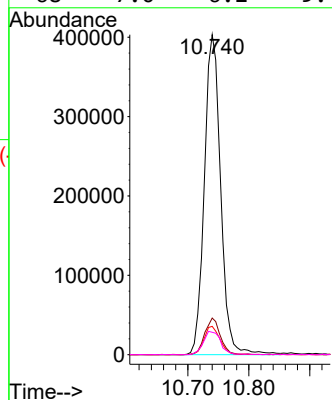
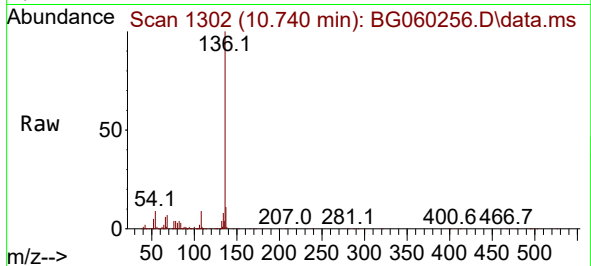




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

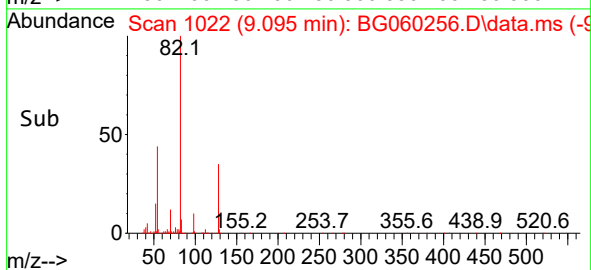
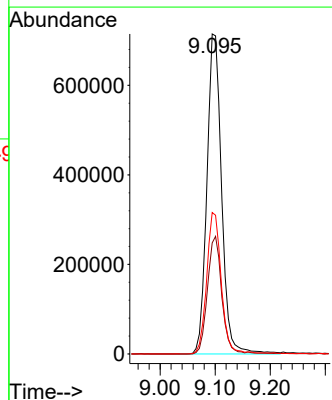
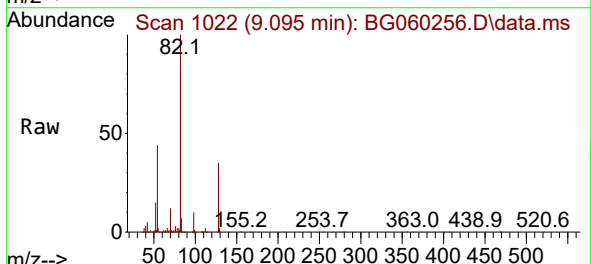
Instrument :
BNA_G
ClientSampleId :
PB158206BL

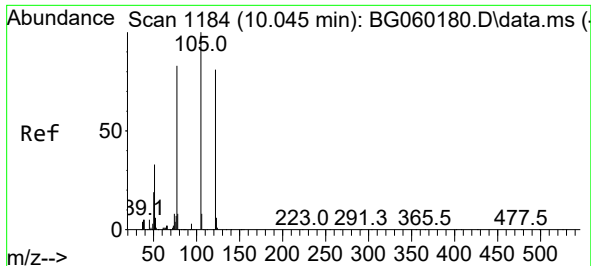
Tgt Ion:136 Resp: 751119
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 8.9 7.4 11.2
68 7.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 81.628 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion: 82 Resp: 1327397
Ion Ratio Lower Upper
82 100
128 34.7 28.7 43.1
54 44.2 36.9 55.3

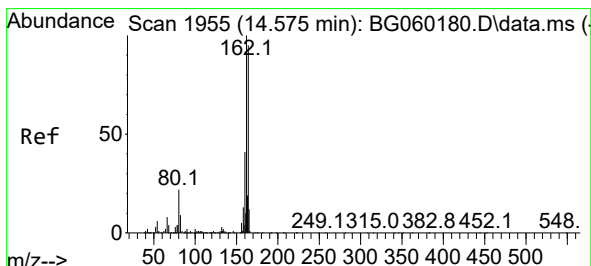
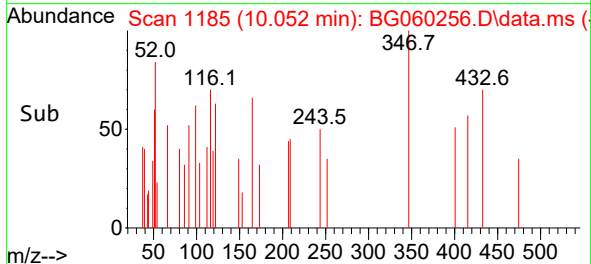
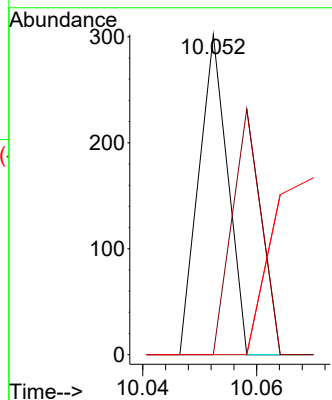
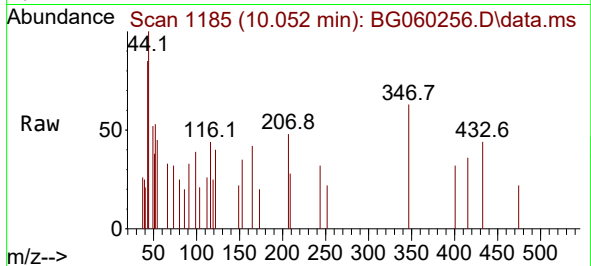




#32
Benzoic acid
Concen: 10.282 ng
RT: 10.052 min Scan# 1185
Delta R.T. 0.007 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

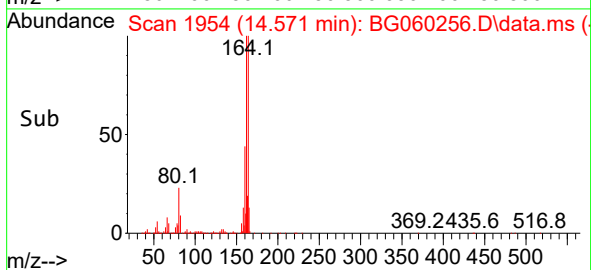
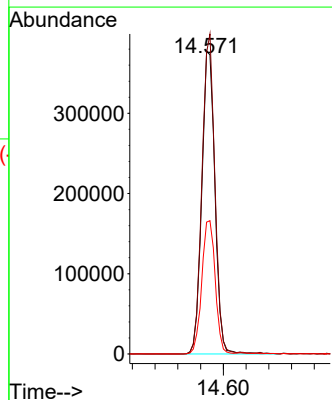
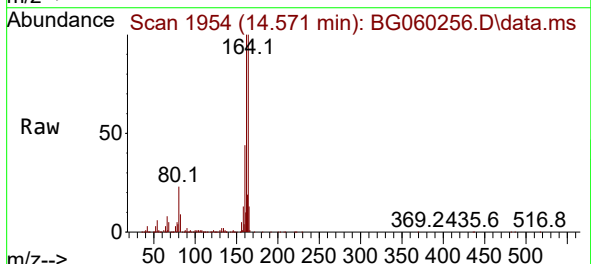
Instrument :
BNA_G
ClientSampleId :
PB158206BL

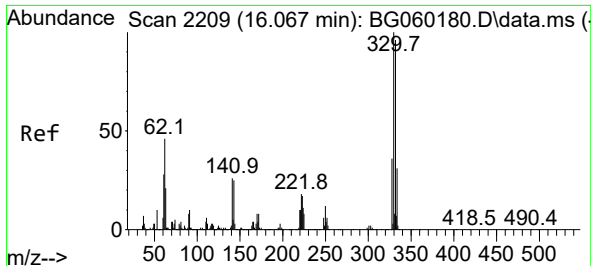
Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:164 Resp: 605914
Ion Ratio Lower Upper
164 100
162 99.5 83.9 125.9
160 43.5 34.2 51.4

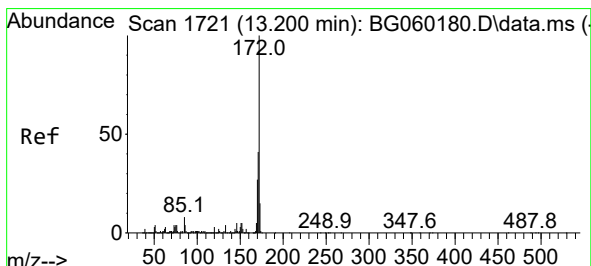
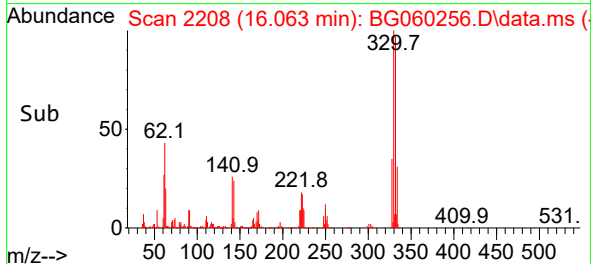
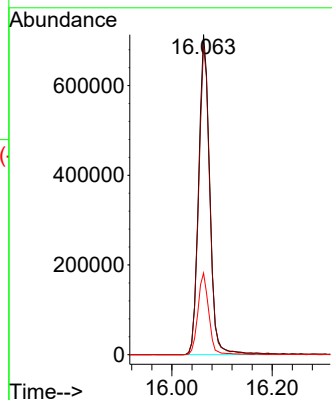
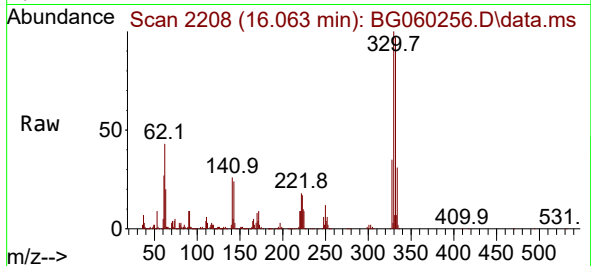




#42
2,4,6-Tribromophenol
Concen: 135.115 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

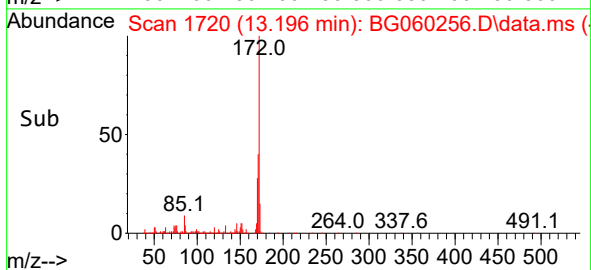
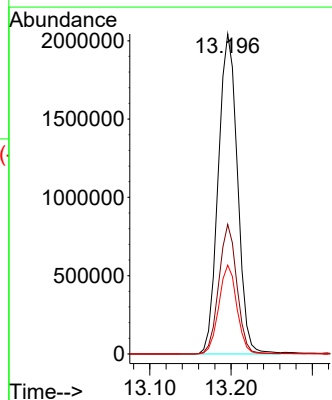
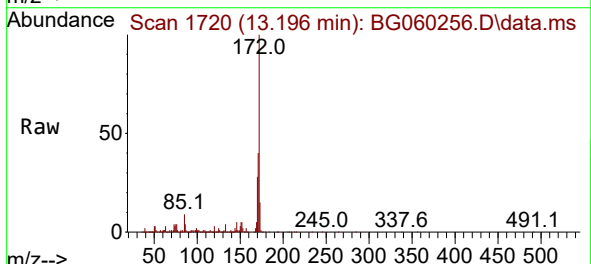
Instrument :
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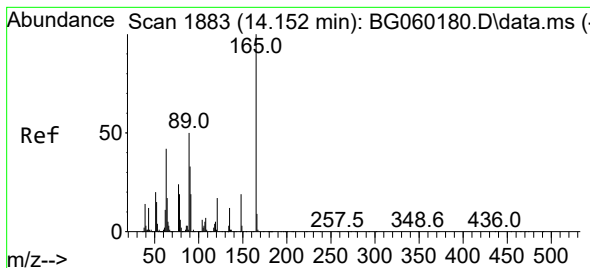
Tgt Ion:330 Resp: 1095888
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.8 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 79.703 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:172 Resp: 3360179
Ion Ratio Lower Upper
172 100
171 40.5 32.6 48.8
170 27.7 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.076 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.419 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

Instrument :

BNA_G

ClientSampleId :

PB158206BL

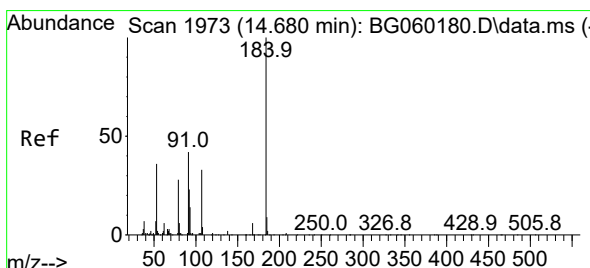
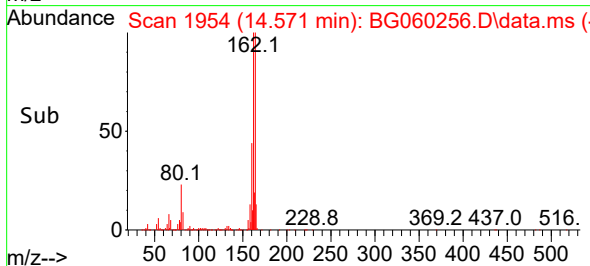
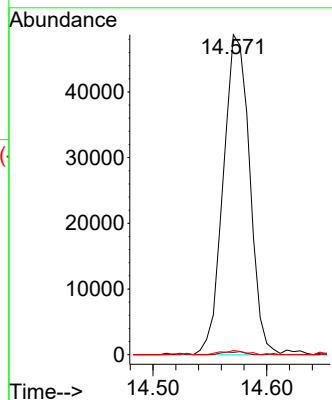
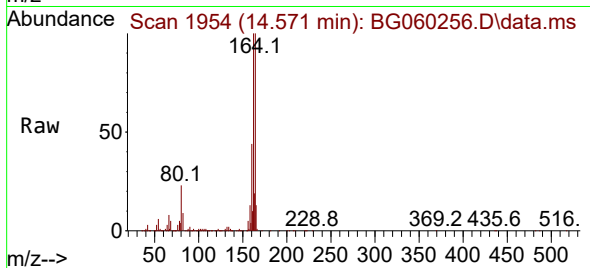
Tgt Ion:165 Resp: 78586

Ion Ratio Lower Upper

165 100

63 0.7 39.3 58.9#

89 1.3 39.8 59.8#



#54

2,4-Dinitrophenol

Concen: 8.245 ng

RT: 14.741 min Scan# 1983

Delta R.T. 0.061 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

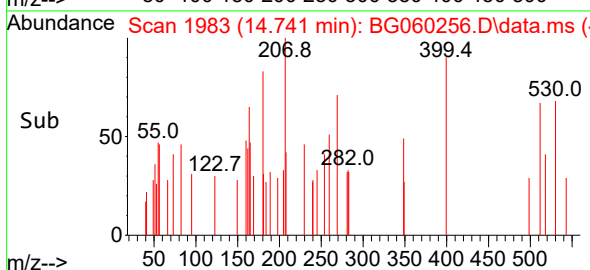
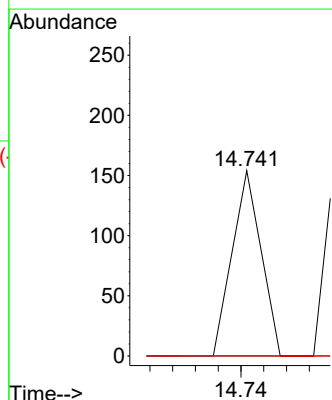
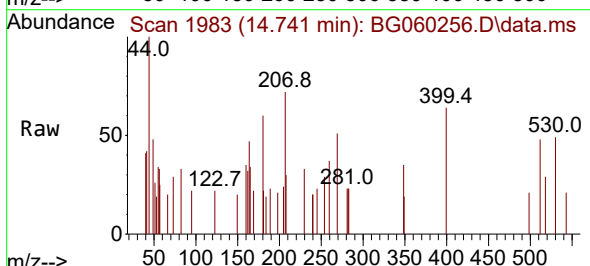
Tgt Ion:184 Resp: 54

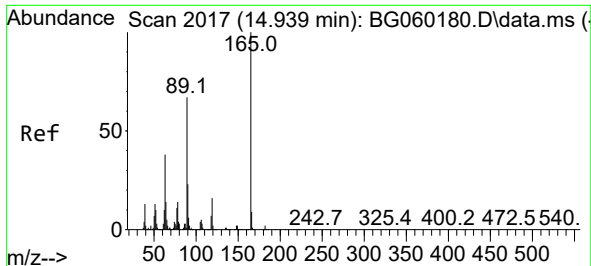
Ion Ratio Lower Upper

184 100

63 0.0 45.4 68.2#

154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 5.940 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.368 min

Lab File: BG060256.D

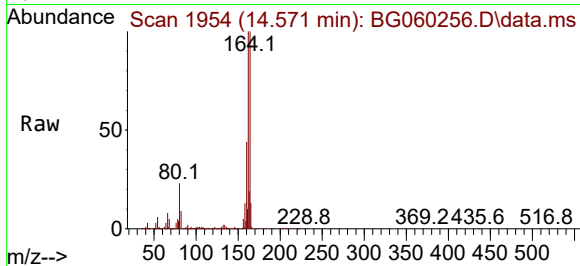
Acq: 4 Jan 2024 23:04

Instrument :

BNA_G

ClientSampleId :

PB158206BL



Tgt Ion:165 Resp: 78586

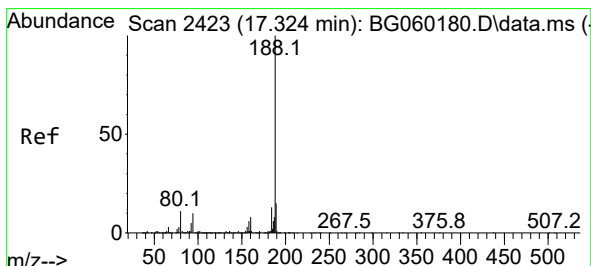
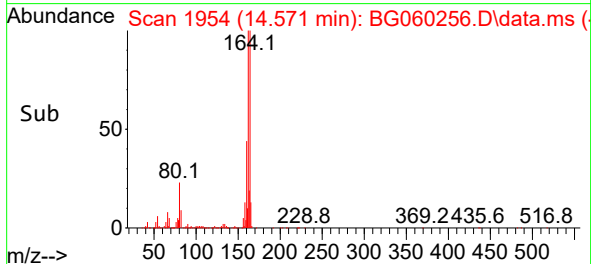
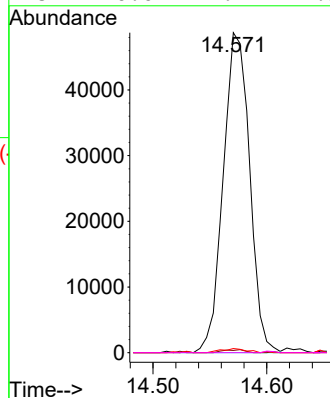
Ion Ratio Lower Upper

165 100

63 0.7 31.0 46.6#

89 1.3 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.320 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

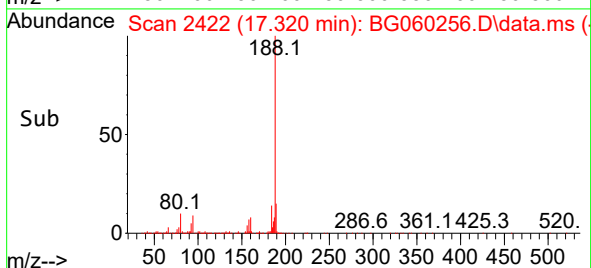
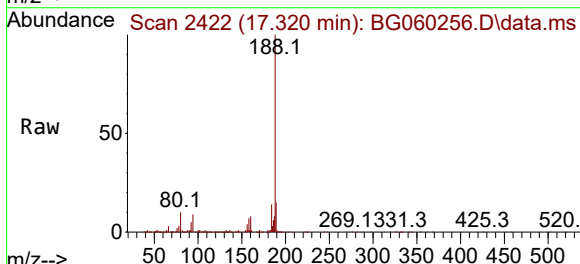
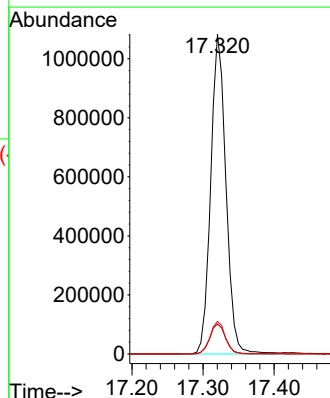
Tgt Ion:188 Resp: 1609994

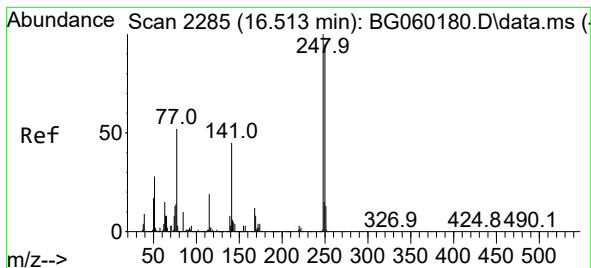
Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

80 10.2 8.6 13.0

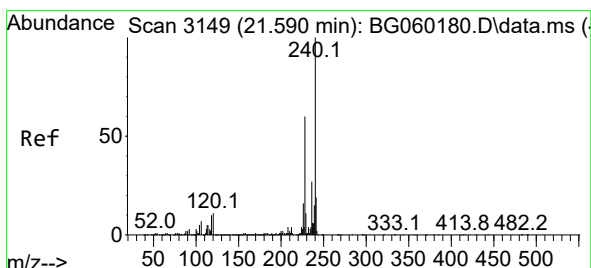
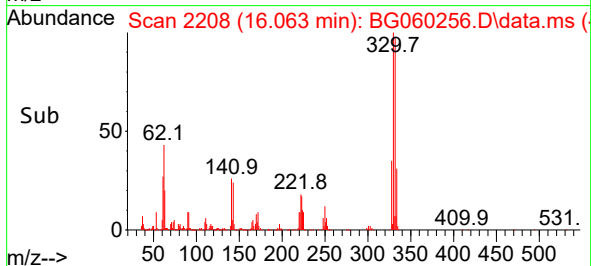
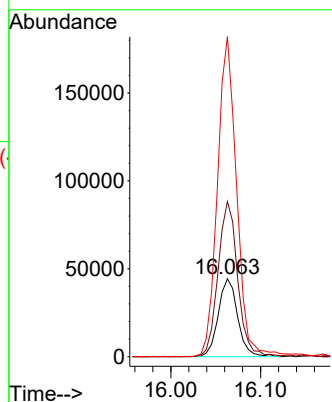
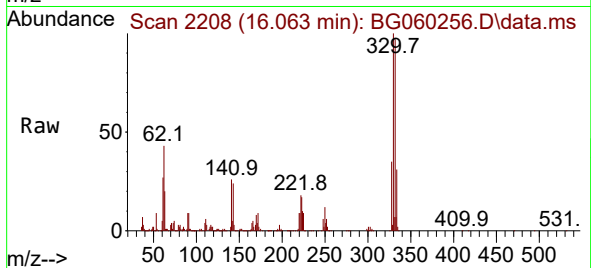




#67
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

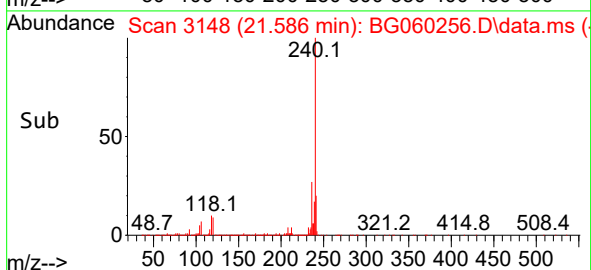
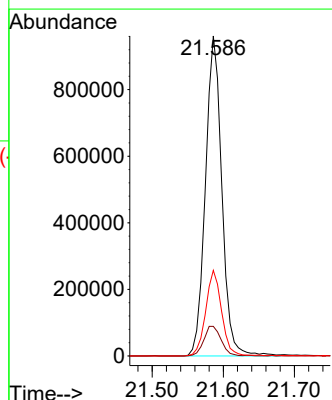
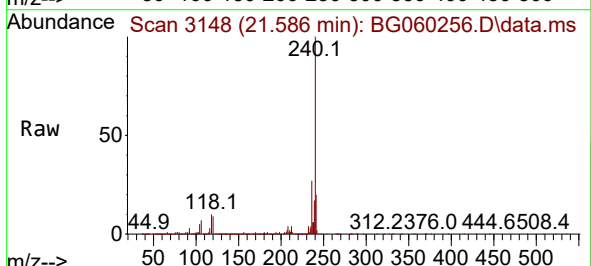
Instrument :
BNA_G
ClientSampleId :
PB158206BL

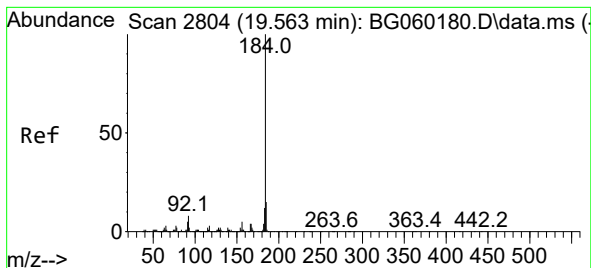
Tgt Ion:248 Resp: 66458
Ion Ratio Lower Upper
248 100
250 150.0 76.2 114.4#
141 309.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:240 Resp: 1547682
Ion Ratio Lower Upper
240 100
120 9.3 8.5 12.7
236 26.7 21.4 32.2





#77

Benzidine

Concen: 2.249 ng

RT: 19.941 min Scan# 2868

Delta R.T. 0.378 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

Instrument :

BNA_G

ClientSampleId :

PB158206BL

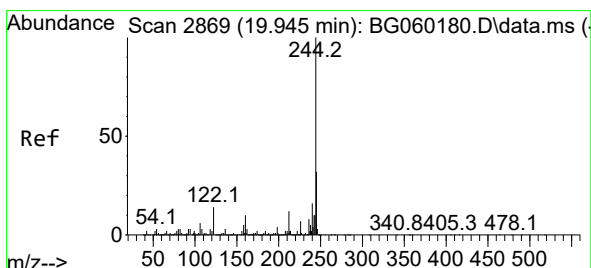
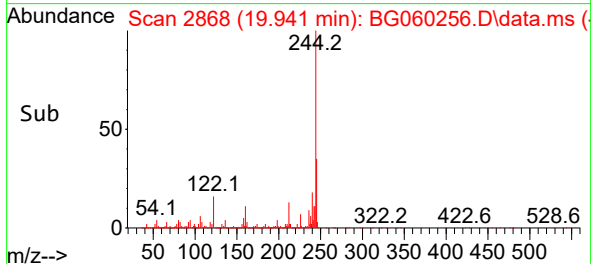
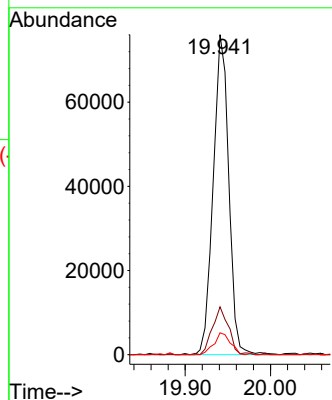
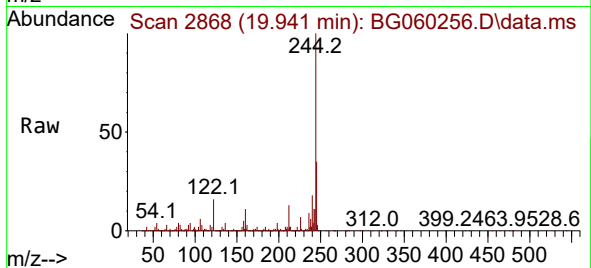
Tgt Ion:184 Resp: 96354

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 6.8 9.4 14.2#



#79

Terphenyl-d14

Concen: 66.899 ng

RT: 19.941 min Scan# 2868

Delta R.T. -0.004 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

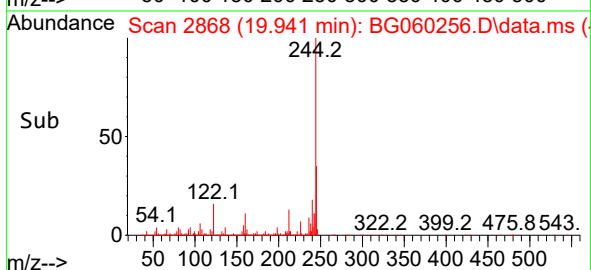
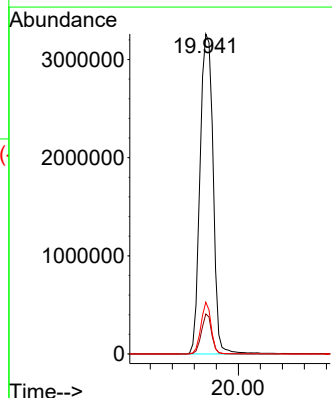
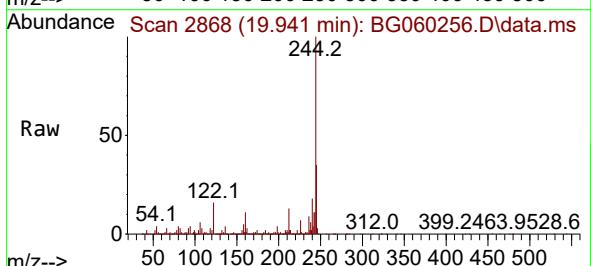
Tgt Ion:244 Resp: 5385613

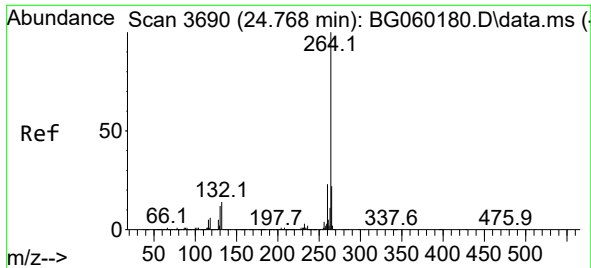
Ion Ratio Lower Upper

244 100

212 12.5 9.5 14.3

122 16.1 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.759 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Instrument :
BNA_G
ClientSampleId :
PB158206BL

Tgt Ion:264 Resp: 1782721

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.0	27.0
265	21.4	17.4	26.0

