

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060258.D
 Acq On : 5 Jan 2024 00:24
 Operator : MA/JU
 Sample : PB158198TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158198TB

Quant Time: Jan 05 01:48:26 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)

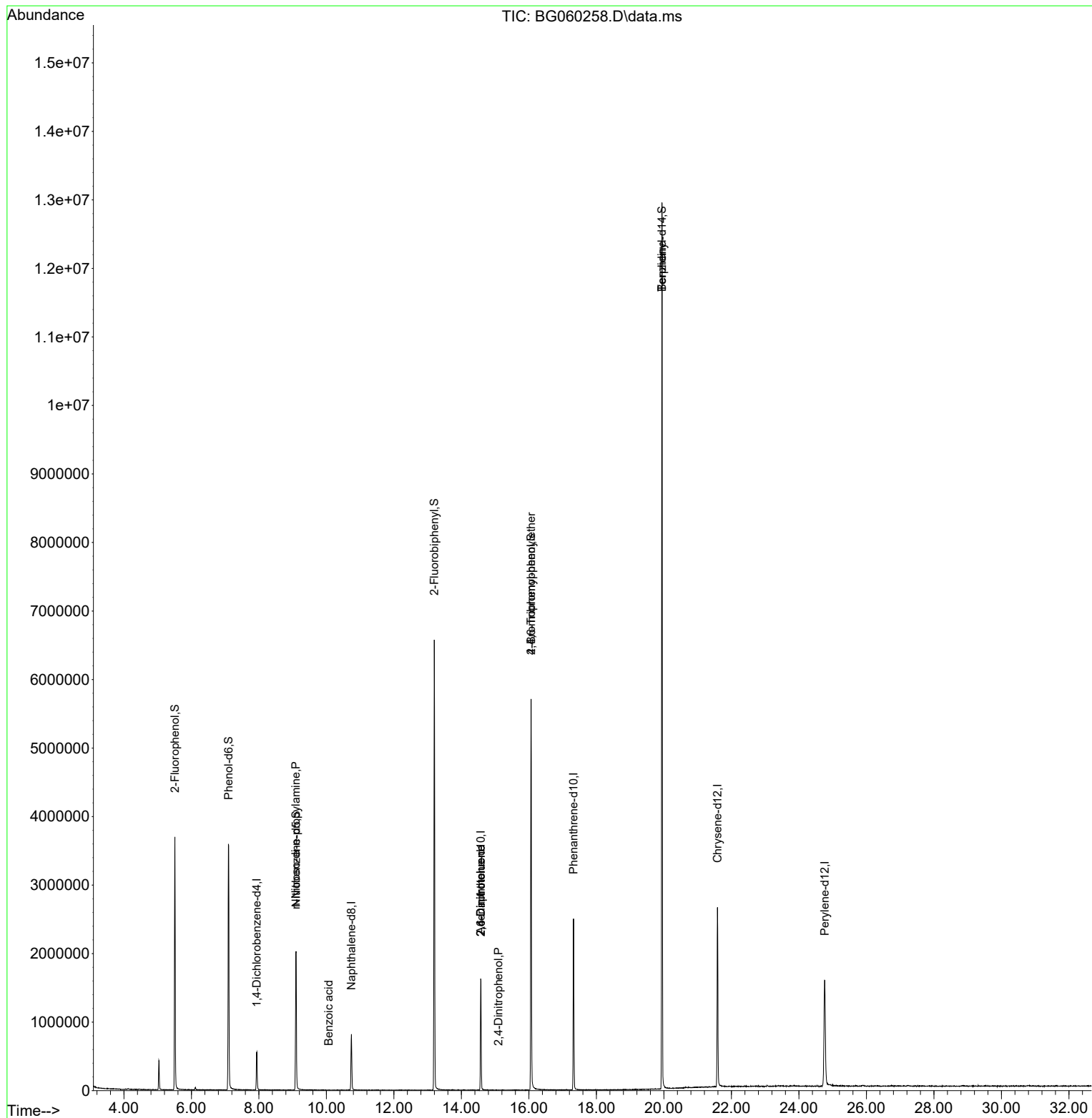
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	181230	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	731929	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	595084	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1654482	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1594641	20.000	ng	0.00
86) Perylene-d12	24.765	264	1794126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1723675	143.553	ng	0.00
7) Phenol-d6	7.098	99	2500315	140.247	ng	0.00
23) Nitrobenzene-d5	9.101	82	1433620	90.472	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	1213766	152.372	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3580656	86.479	ng	0.00
79) Terphenyl-d14	19.941	244	5606390	67.590	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	173857	14.275	ng	# 84
32) Benzoic acid	10.065	122	63	10.277	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	78857	8.252	ng	# 29
54) 2,4-Dinitrophenol	15.100	184	111	8.254	ng	# 92
57) 2,4-Dinitrotoluene	14.577	165	78857	6.068	ng	# 26
67) 4-Bromophenyl-phenylether	16.064	248	73209	4.174	ng	# 1
77) Benzidine	19.941	184	105881	2.399	ng	# 89

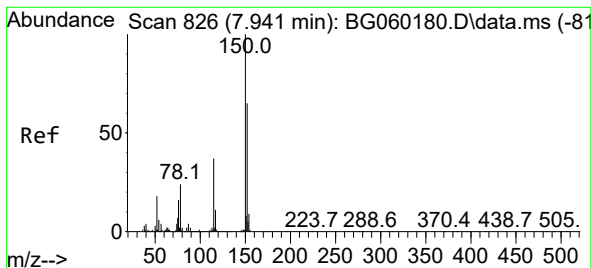
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060258.D
Acq On : 5 Jan 2024 00:24
Operator : MA/JU
Sample : PB158198TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158198TB

Quant Time: Jan 05 01:48:26 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

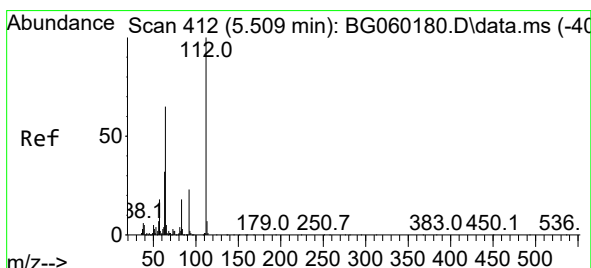
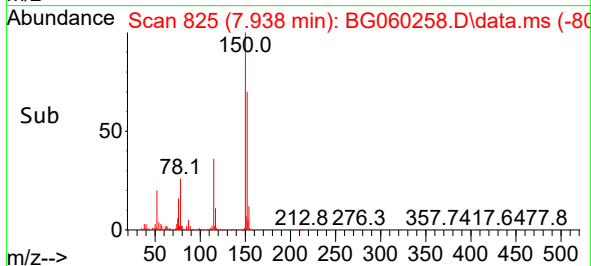
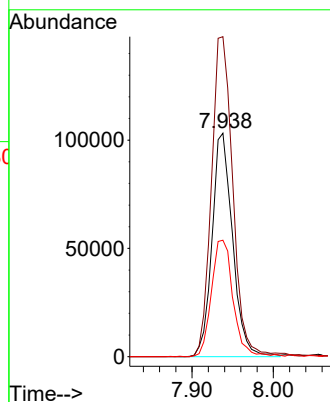
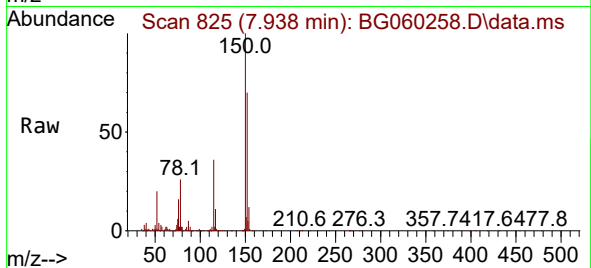




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

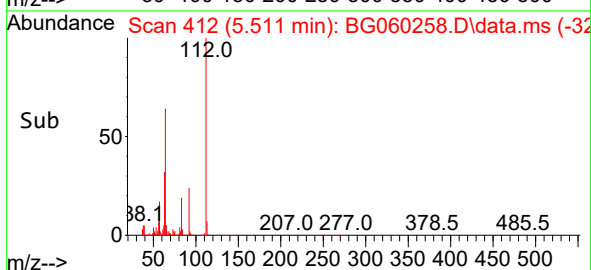
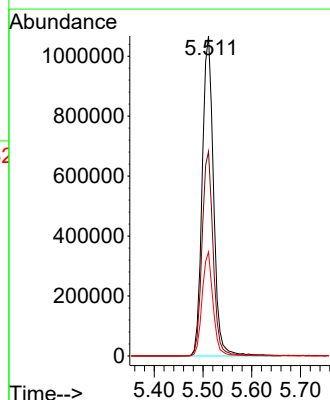
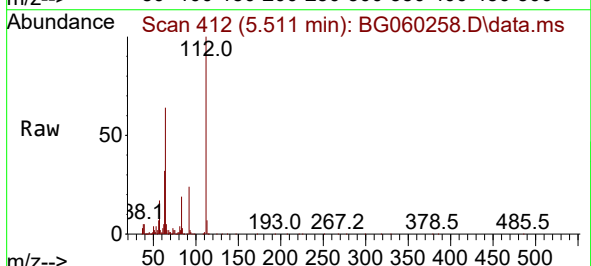
Instrument :
BNA_G
ClientSampleId :
PB158198TB

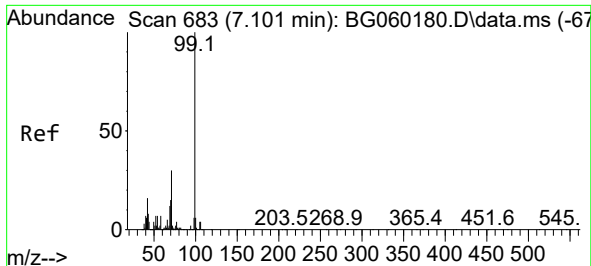
Tgt Ion:152 Resp: 181230
Ion Ratio Lower Upper
152 100
150 143.1 123.4 185.0
115 52.1 45.4 68.0



#5
2-Fluorophenol
Concen: 143.553 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:112 Resp: 1723675
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 32.5 25.4 38.0

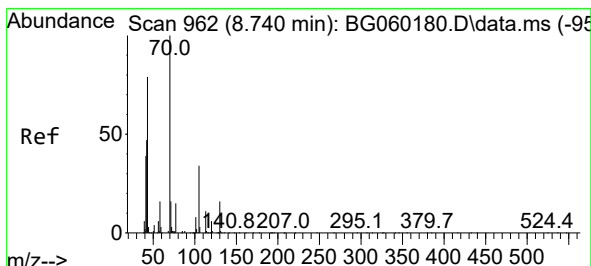
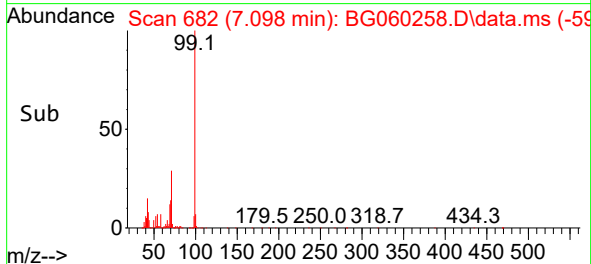
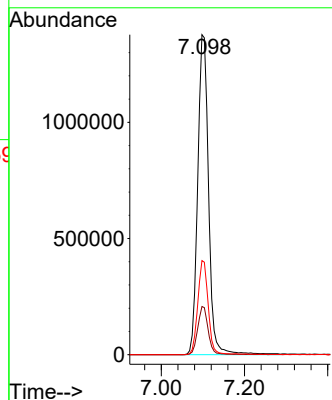
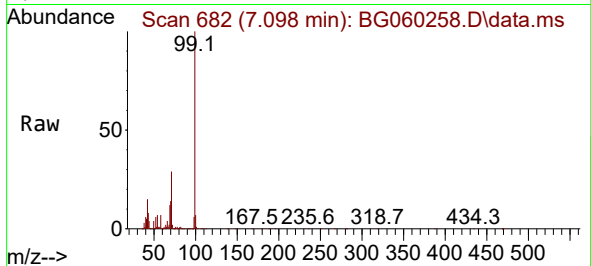




#7
Phenol-d6
Concen: 140.247 ng
RT: 7.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

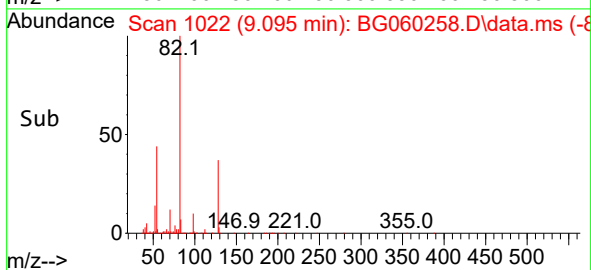
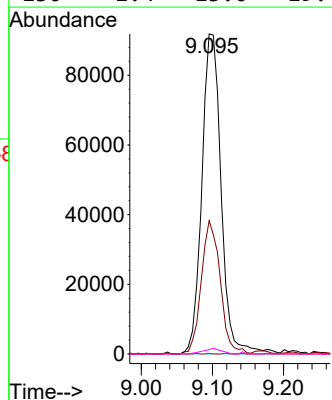
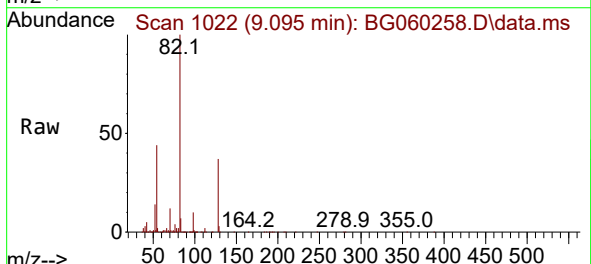
Instrument :
BNA_G
ClientSampleId :
PB158198TB

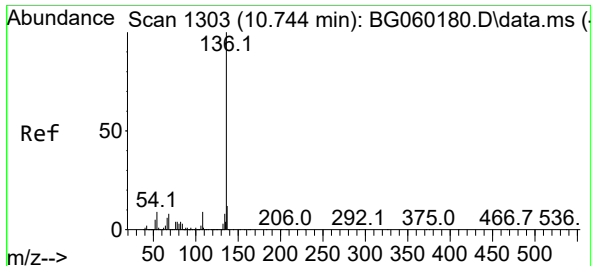
Tgt Ion: 99 Resp: 2500315
Ion Ratio Lower Upper
99 100
42 15.0 12.5 18.7
71 29.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.275 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.355 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion: 70 Resp: 173857
Ion Ratio Lower Upper
70 100
42 41.7 37.9 56.9
101 0.2 6.2 9.2#
130 1.4 13.0 19.4#

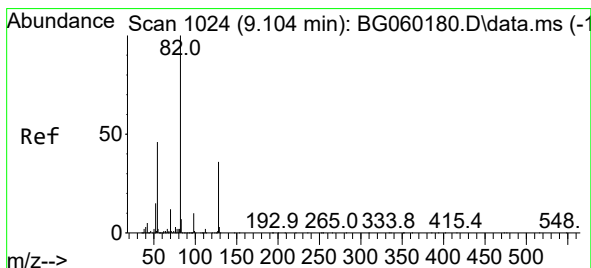
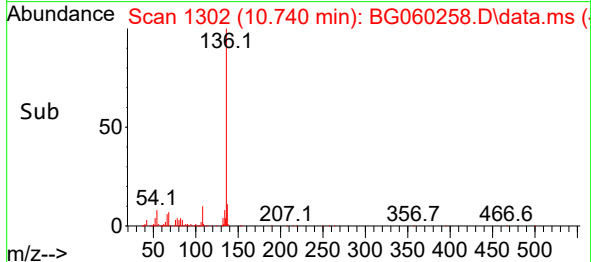
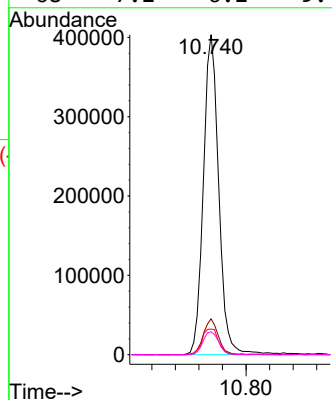
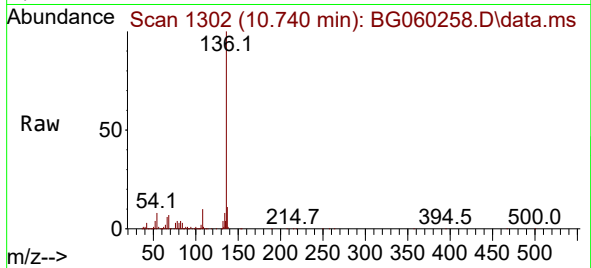




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

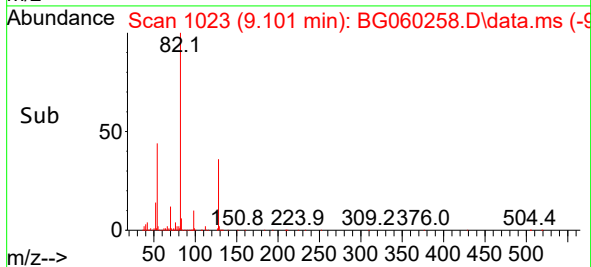
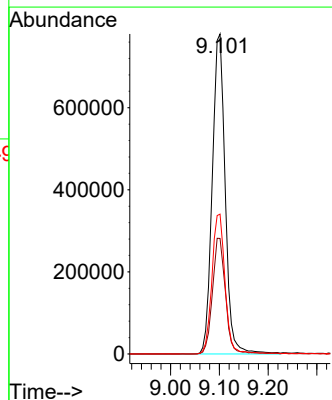
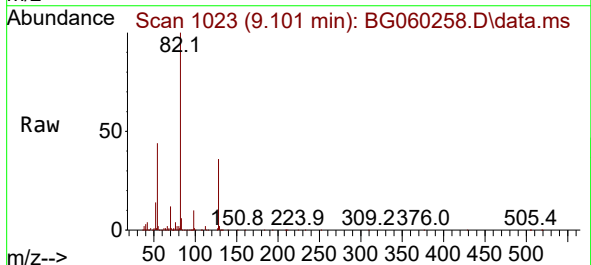
Instrument :
BNA_G
ClientSampleId :
PB158198TB

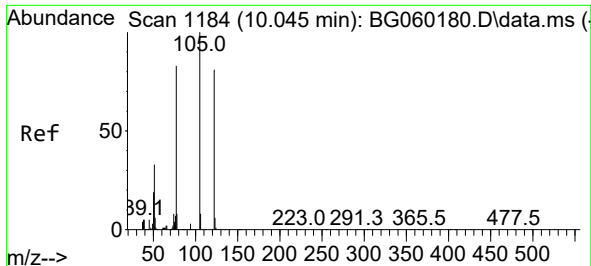
Tgt Ion:136 Resp: 731929
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 8.0 7.4 11.2
68 7.2 6.2 9.4



#23
Nitrobenzene-d5
Concen: 90.472 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion: 82 Resp: 1433620
Ion Ratio Lower Upper
82 100
128 36.1 28.7 43.1
54 43.7 36.9 55.3

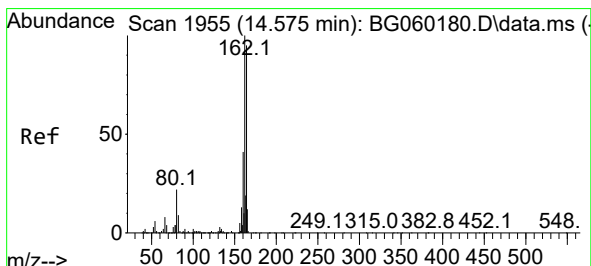
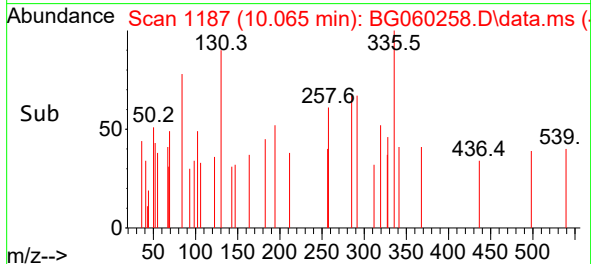
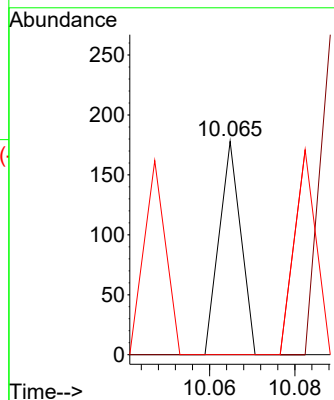
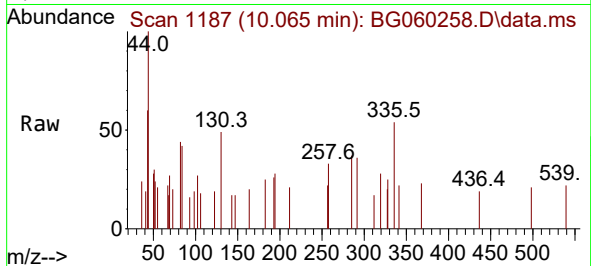




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.065 min Scan# 1184
Delta R.T. 0.020 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

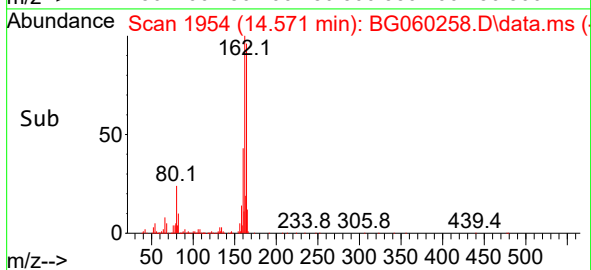
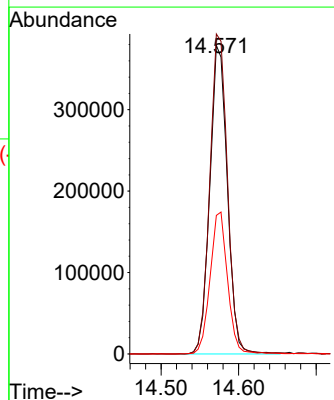
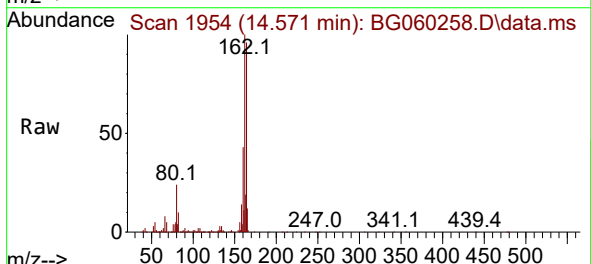
Instrument :
BNA_G
ClientSampleId :
PB158198TB

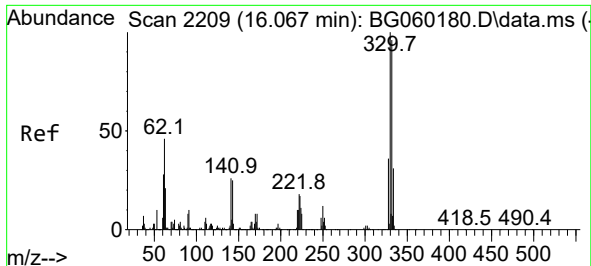
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:164 Resp: 595084
Ion Ratio Lower Upper
164 100
162 103.7 83.9 125.9
160 44.9 34.2 51.4

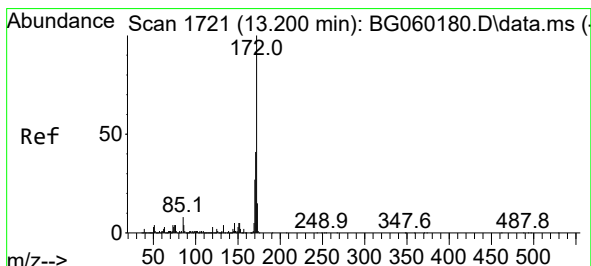
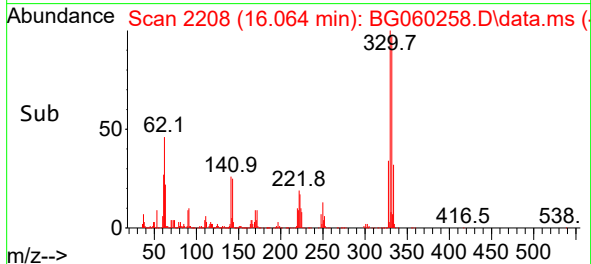
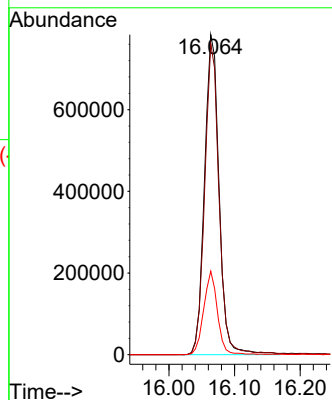
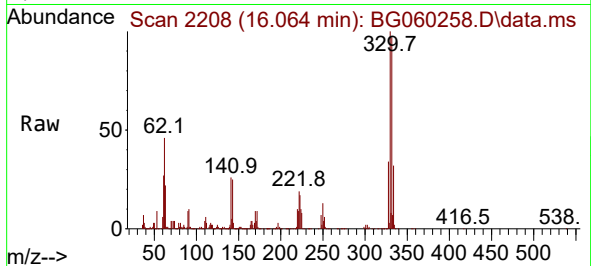




#42
2,4,6-Tribromophenol
Concen: 152.372 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

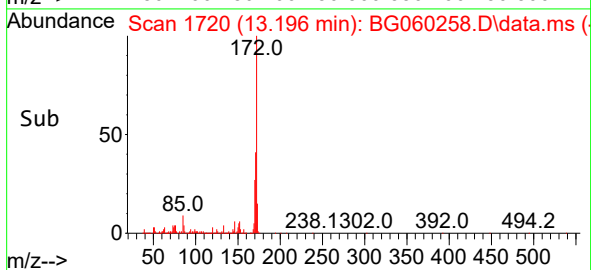
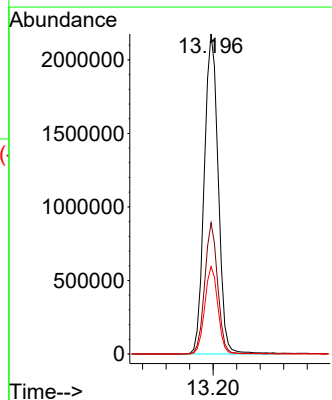
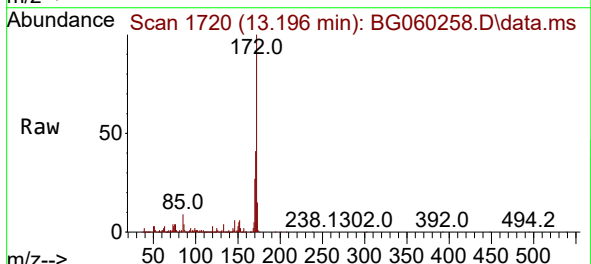
Instrument :
BNA_G
ClientSampleId :
PB158198TB

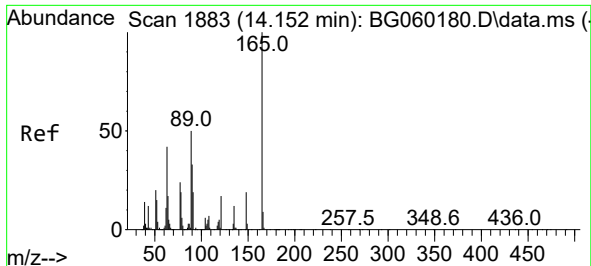
Tgt Ion:330 Resp: 1213766
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 24.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.479 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:172 Resp: 3580656
Ion Ratio Lower Upper
172 100
171 41.0 32.6 48.8
170 27.3 21.8 32.6

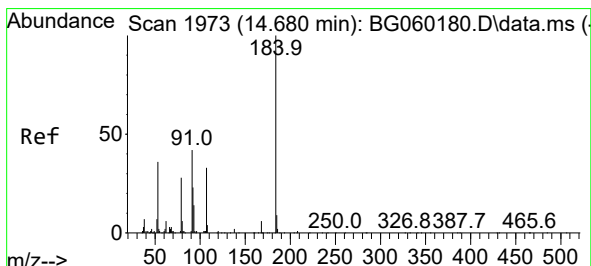
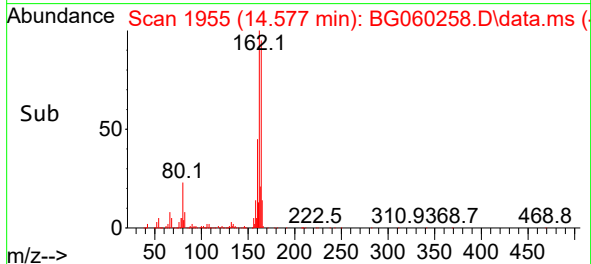
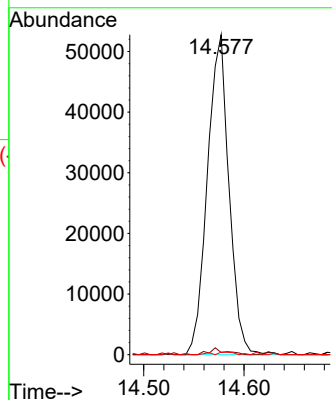
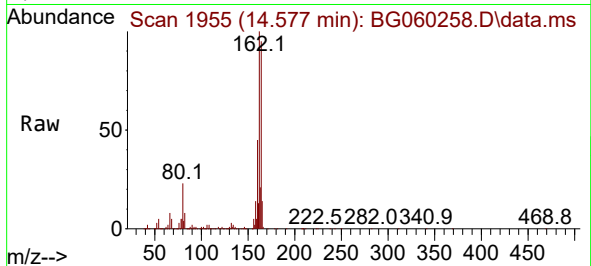




#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 14.577 min Scan# 11
Delta R.T. 0.426 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

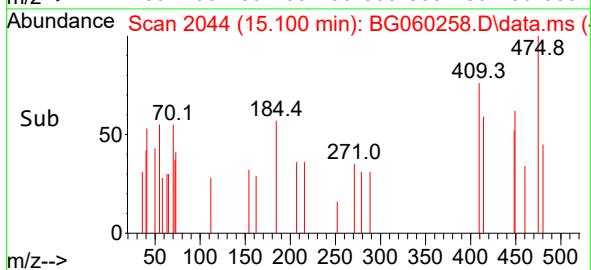
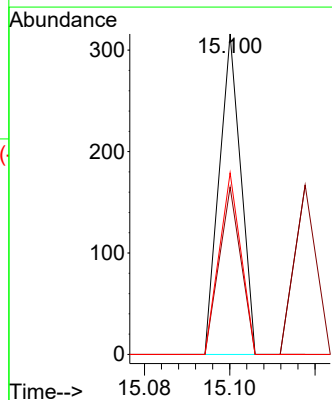
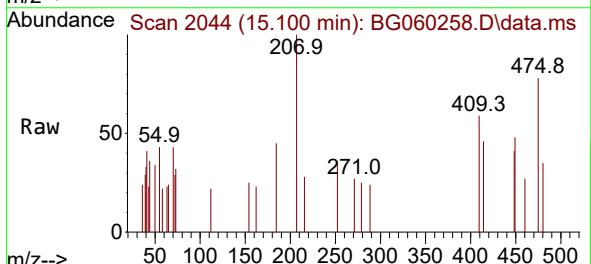
Instrument :
BNA_G
ClientSampleId :
PB158198TB

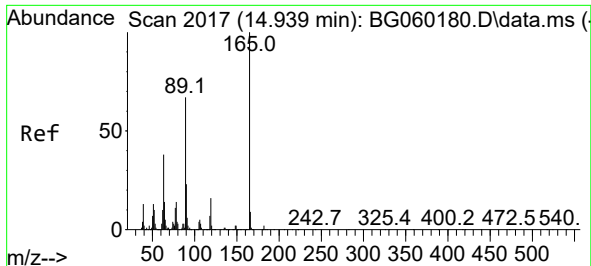
Tgt Ion:165 Resp: 78857
Ion Ratio Lower Upper
165 100
63 0.7 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.254 ng
RT: 15.100 min Scan# 2044
Delta R.T. 0.420 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 52.2 45.4 68.2
154 56.6 40.0 60.0





#57

2,4-Dinitrotoluene

Concen: 6.068 ng

RT: 14.577 min Scan# 1955

Delta R.T. -0.362 min

Lab File: BG060258.D

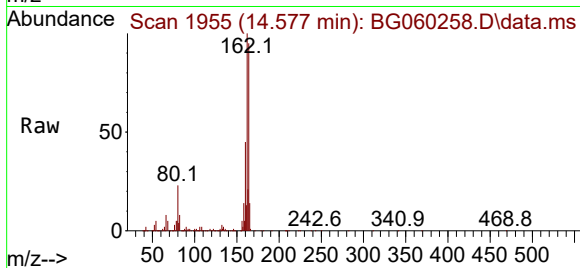
Acq: 5 Jan 2024 00:24

Instrument :

BNA_G

ClientSampleId :

PB158198TB



Tgt Ion:165 Resp: 78857

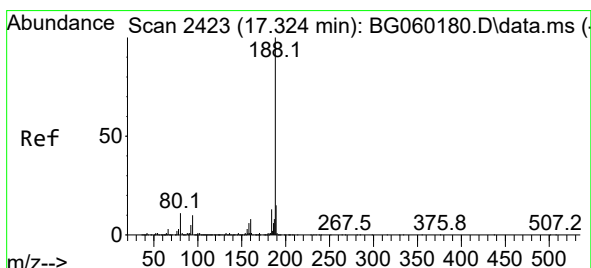
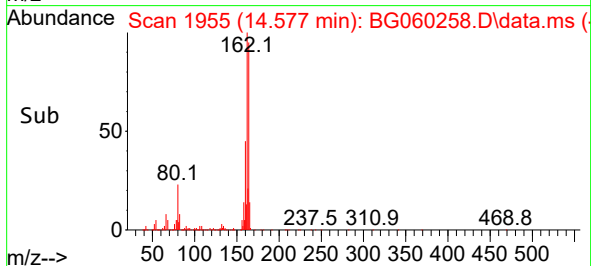
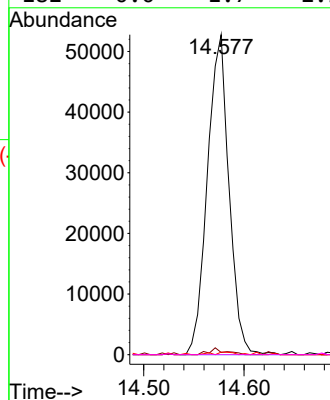
Ion Ratio Lower Upper

165 100

63 0.7 31.0 46.6#

89 0.8 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. -0.003 min

Lab File: BG060258.D

Acq: 5 Jan 2024 00:24

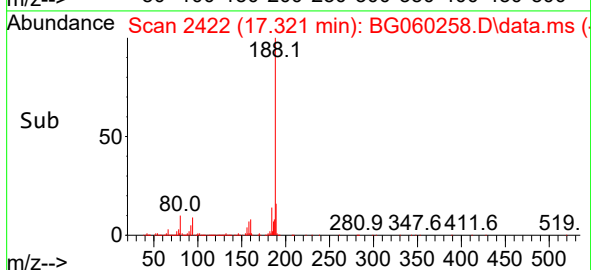
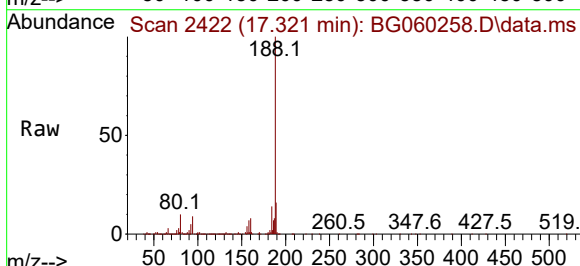
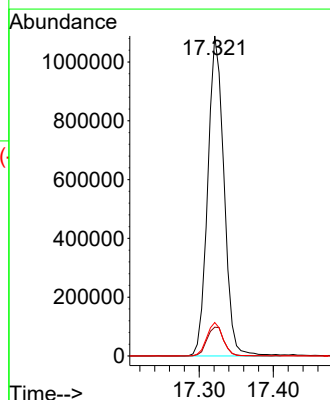
Tgt Ion:188 Resp: 1654482

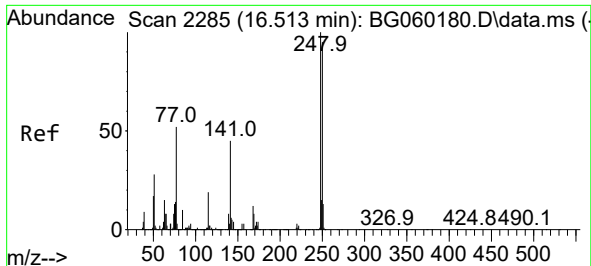
Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 10.5 8.6 13.0

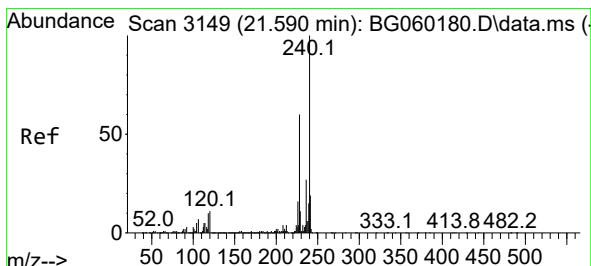
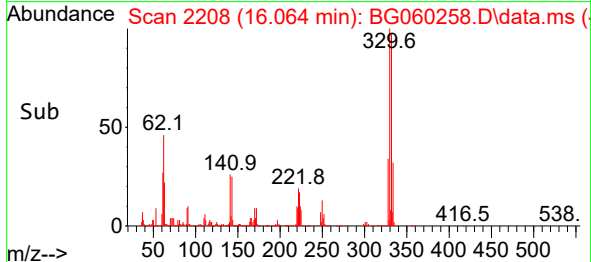
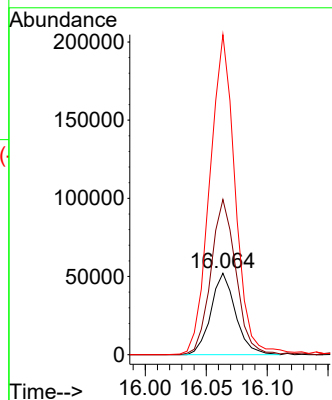
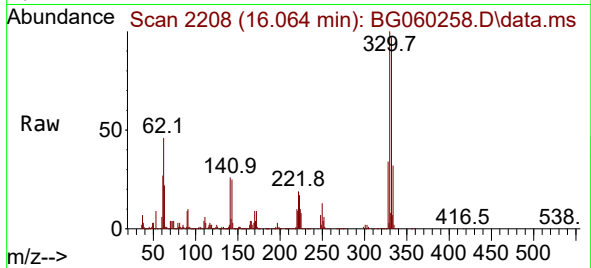




#67
4-Bromophenyl-phenylether
Concen: 4.174 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

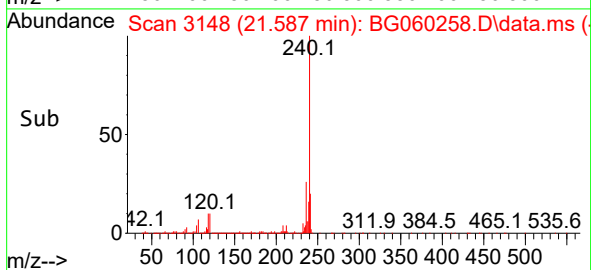
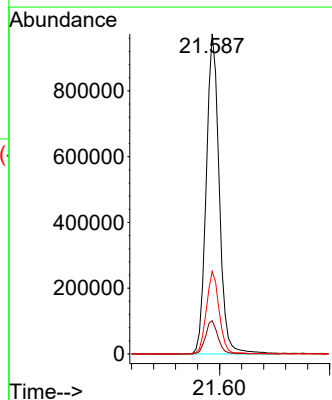
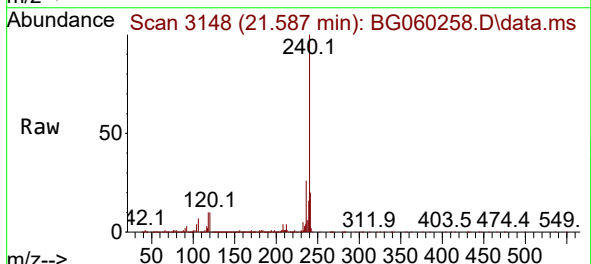
Instrument :
BNA_G
ClientSampleId :
PB158198TB

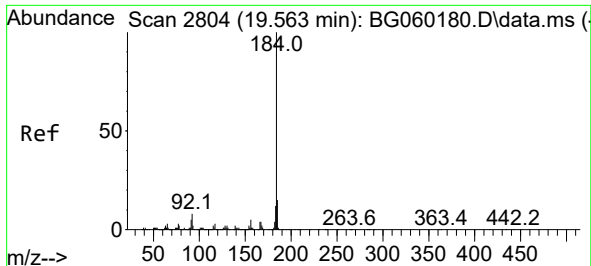
Tgt Ion:248 Resp: 73209
Ion Ratio Lower Upper
248 100
250 149.1 76.2 114.4#
141 307.5 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:240 Resp: 1594641
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.8 21.4 32.2

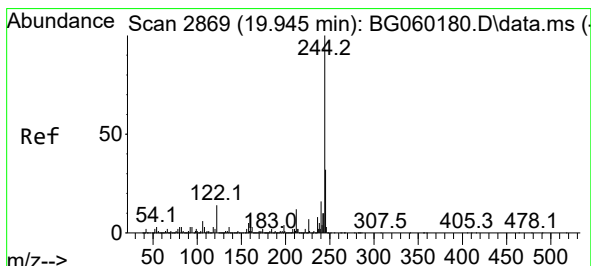
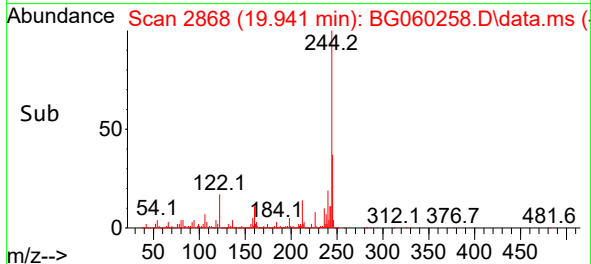
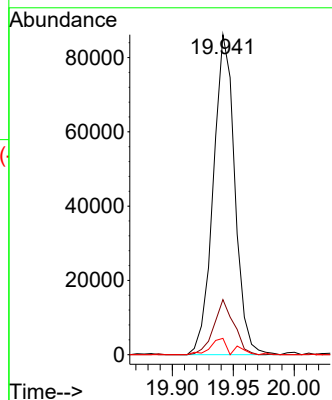
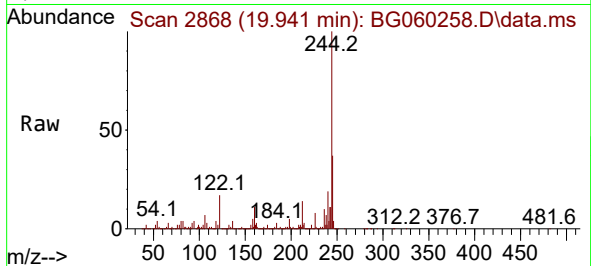




#77
Benzidine
Concen: 2.399 ng
RT: 19.941 min Scan# 2868
Delta R.T. 0.379 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

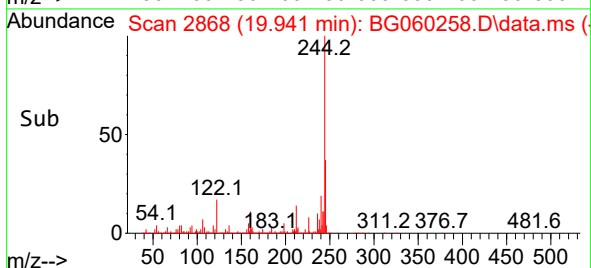
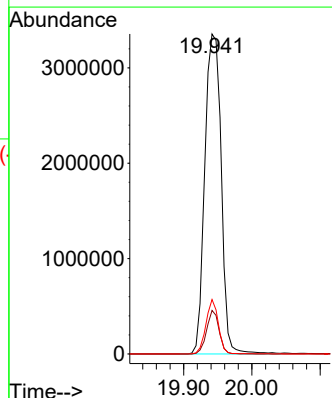
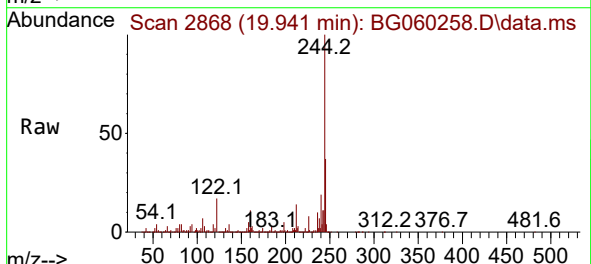
Instrument :
BNA_G
ClientSampleId :
PB158198TB

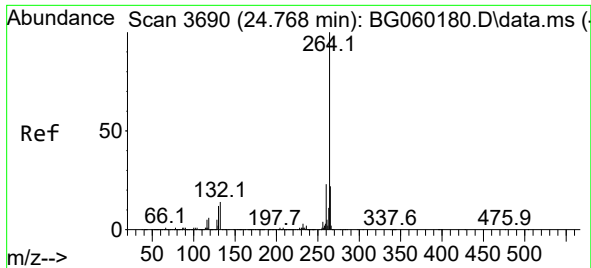
Tgt Ion:184 Resp: 105881
Ion Ratio Lower Upper
184 100
185 17.2 11.7 17.5
183 5.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.590 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.004 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:244 Resp: 5606390
Ion Ratio Lower Upper
244 100
212 13.6 9.5 14.3
122 17.0 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Instrument :
BNA_G
ClientSampleId :
PB158198TB

Tgt Ion:264 Resp: 1794126

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.3	17.4	26.0

