

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060158.D
 Acq On : 23 Dec 2023 5:00
 Operator : MA/JU
 Sample : 05873-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 215-0200

Quant Time: Dec 25 00:43:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

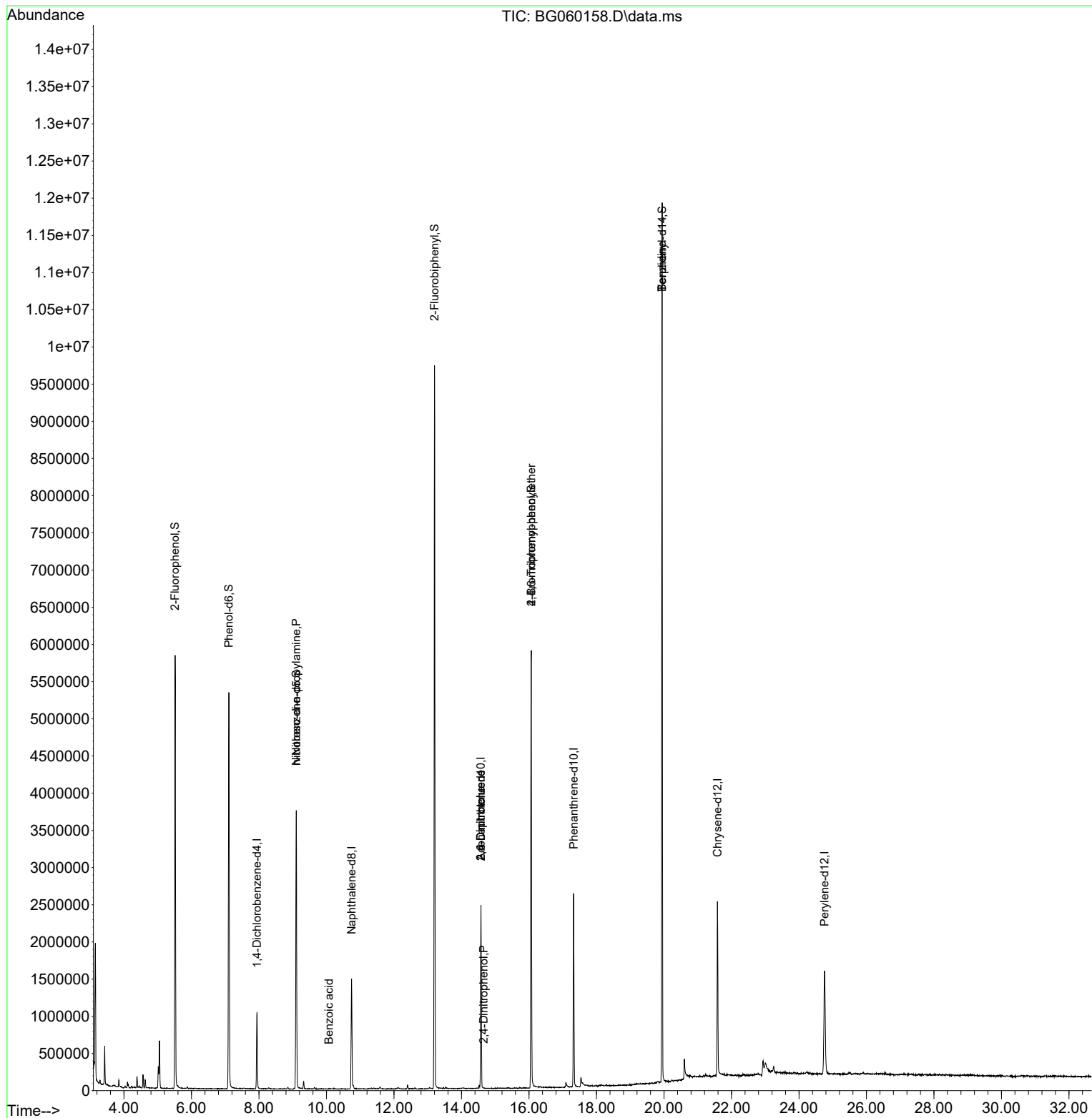
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	309074	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1300368	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	875584	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1701911	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1374895	20.000	ng	-0.01
86) Perylene-d12	24.757	264	1519387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	2568902	130.967	ng	0.00
7) Phenol-d6	7.107	99	3337273	101.096	ng	0.00
23) Nitrobenzene-d5	9.105	82	2419811	91.159	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	1231192	104.435	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4966106	85.164	ng	0.00
79) Terphenyl-d14	19.945	244	5216389	68.654	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	308241	12.009	ng	# 75
32) Benzoic acid	10.075	122	132	5.095	ng	# 58
51) 2,6-Dinitrotoluene	14.575	165	117316	7.615	ng	# 25
54) 2,4-Dinitrophenol	14.657	184	94	6.627	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	117316	5.188	ng	# 24
67) 4-Bromophenyl-phenylether	16.068	248	74176	4.626	ng	# 1
77) Benzidine	19.939	184	99697	2.682	ng	# 88

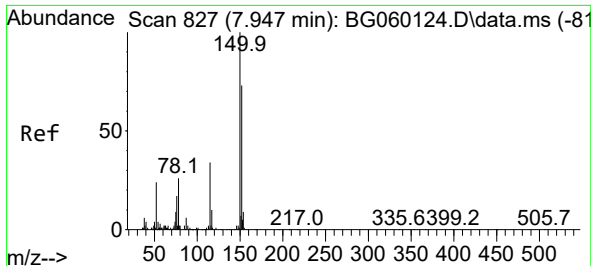
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060158.D
Acq On : 23 Dec 2023 5:00
Operator : MA/JU
Sample : 05873-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
215-0200

Quant Time: Dec 25 00:43:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

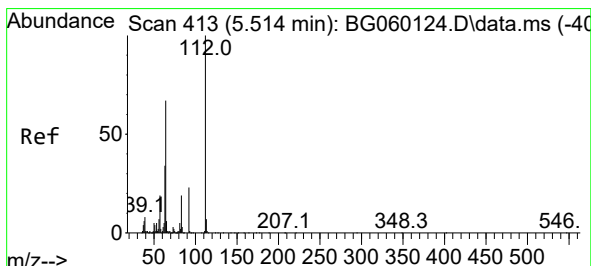
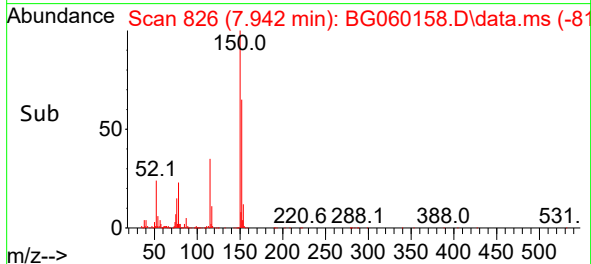
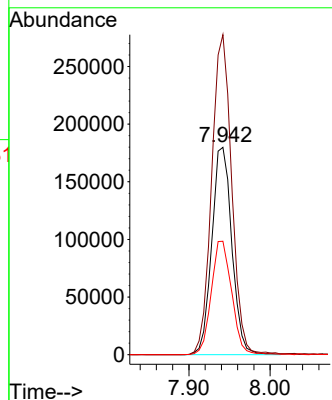
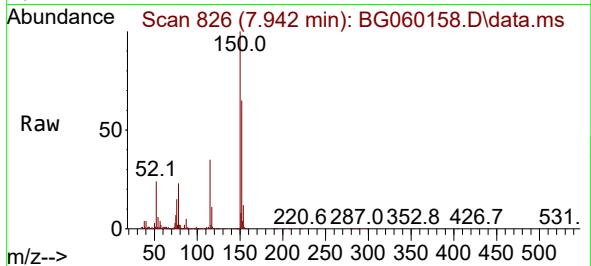




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

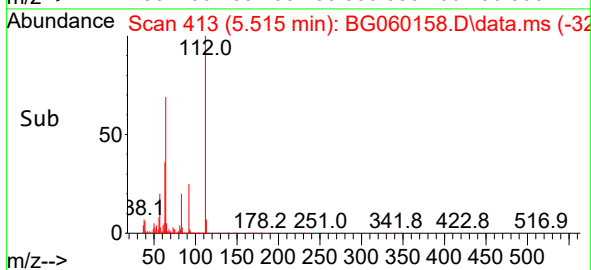
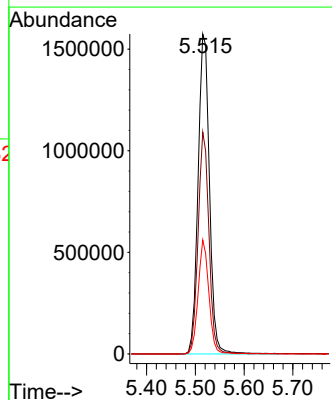
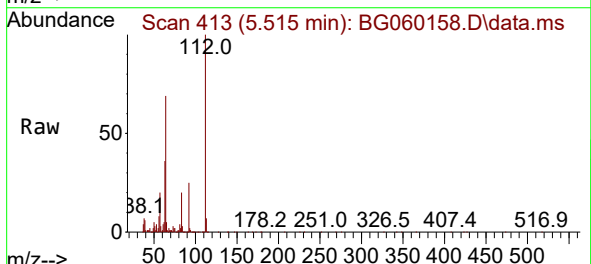
Instrument :
BNA_G
ClientSampleId :
215-0200

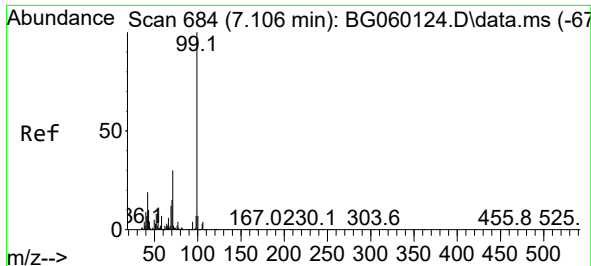
Tgt Ion:152 Resp: 309074
Ion Ratio Lower Upper
152 100
150 154.3 109.4 164.0
115 54.7 36.5 54.7



#5
2-Fluorophenol
Concen: 130.967 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:112 Resp: 2568902
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 35.6 27.1 40.7

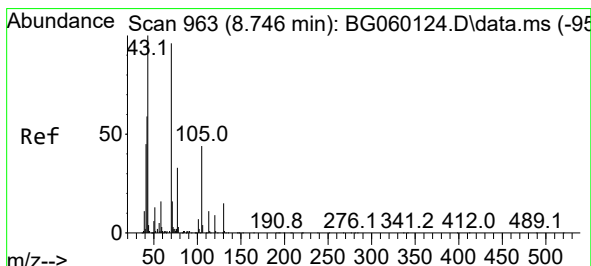
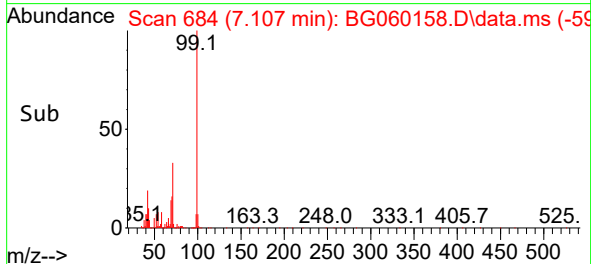
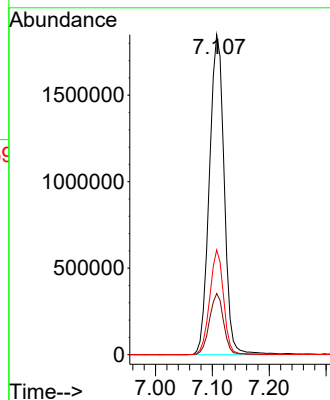
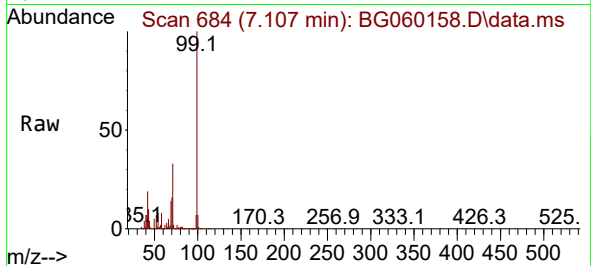




#7
Phenol-d6
Concen: 101.096 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

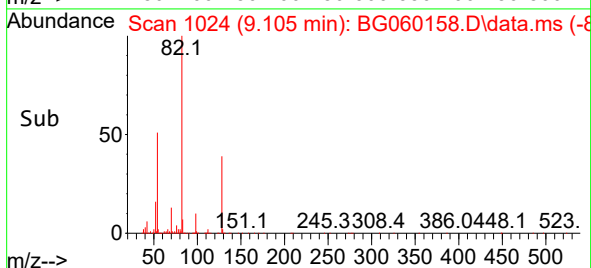
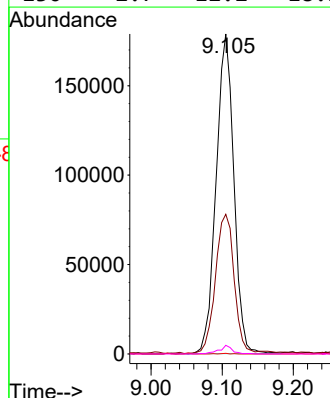
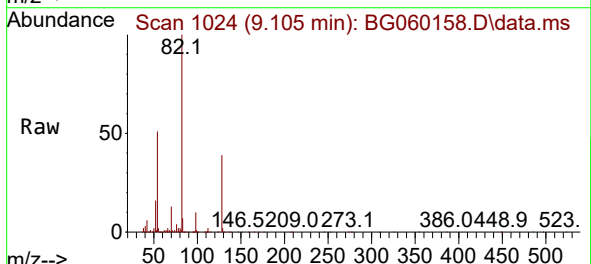
Instrument :
BNA_G
ClientSampleId :
215-0200

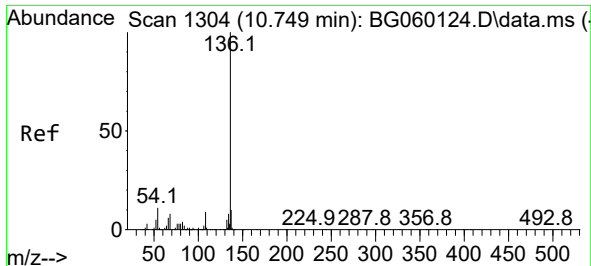
Tgt Ion: 99 Resp: 3337273
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 32.8 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.009 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.360 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion: 70 Resp: 308241
Ion Ratio Lower Upper
70 100
42 43.6 49.6 74.4#
101 0.2 6.2 9.4#
130 2.7 12.2 18.2#



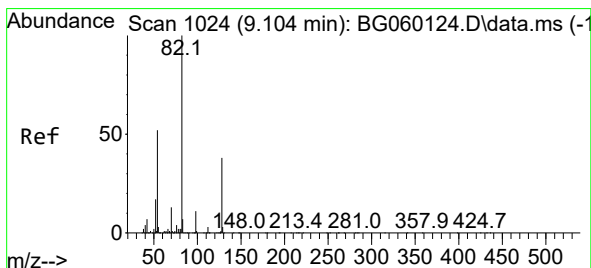
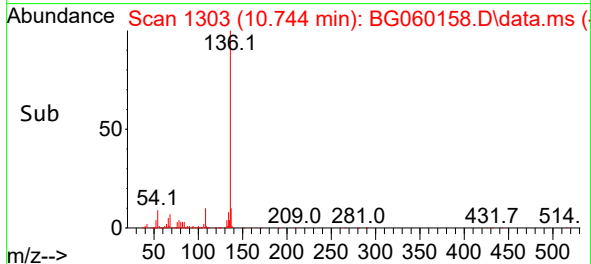
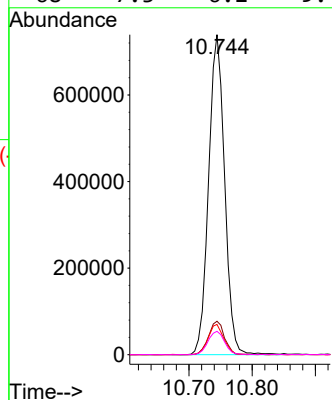
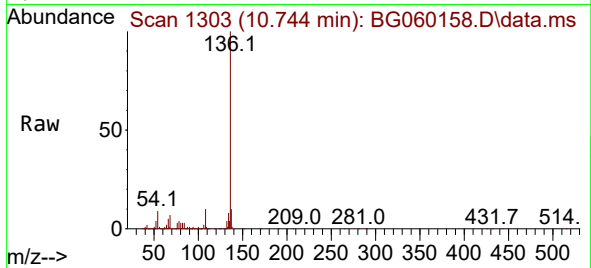


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Instrument :
BNA_G
ClientSampleId :
215-0200

Tgt Ion:136 Resp: 1300368

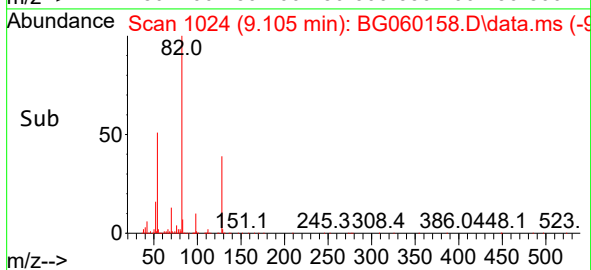
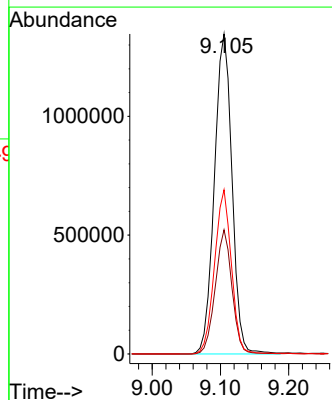
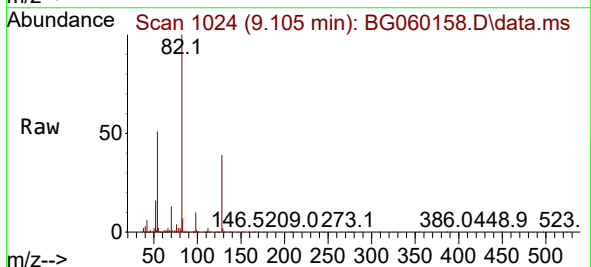
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.1	12.1
54	9.4	8.7	13.1
68	7.3	6.2	9.4

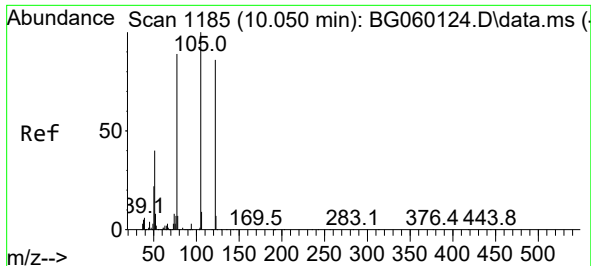


#23
Nitrobenzene-d5
Concen: 91.159 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion: 82 Resp: 2419811

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.5	45.7
54	51.3	41.9	62.9

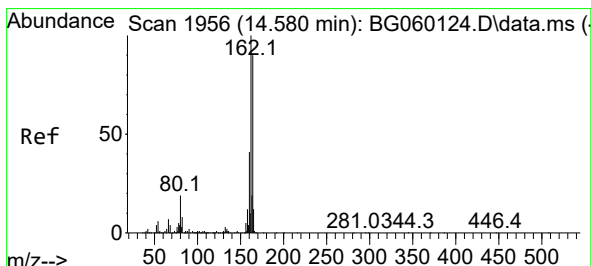
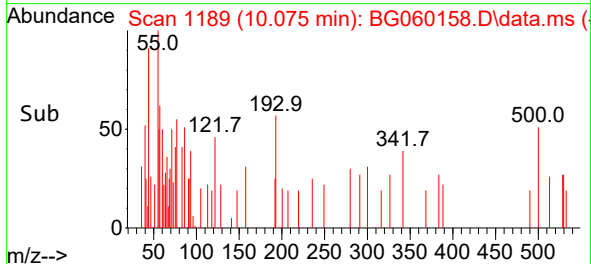
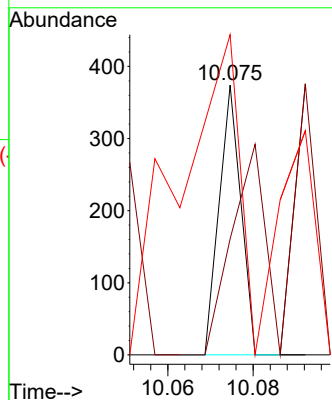
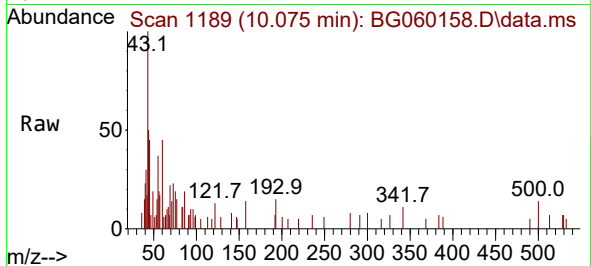




#32
Benzoic acid
Concen: 5.095 ng
RT: 10.075 min Scan# 1189
Delta R.T. 0.025 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

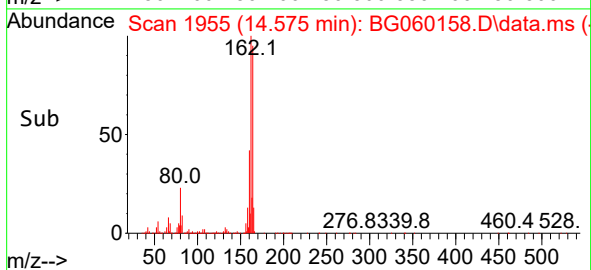
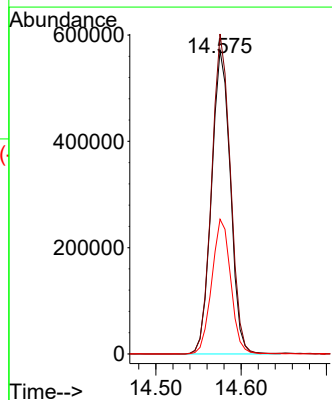
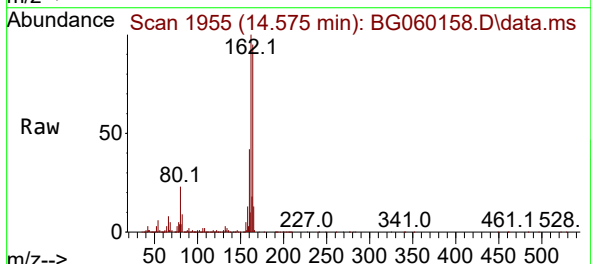
Instrument :
BNA_G
ClientSampleId :
215-0200

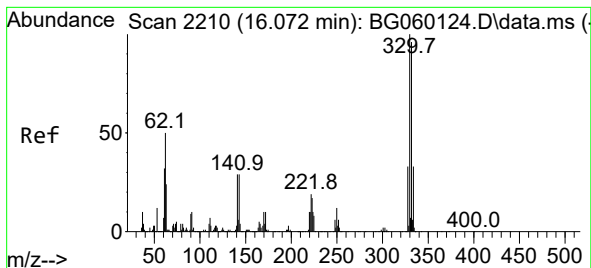
Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 43.0 93.2 133.2#
77 118.7 81.7 121.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:164 Resp: 875584
Ion Ratio Lower Upper
164 100
162 105.4 88.5 132.7
160 44.3 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 104.435 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060158.D

Acq: 23 Dec 2023 5:00

Instrument :

BNA_G

ClientSampleId :

215-0200

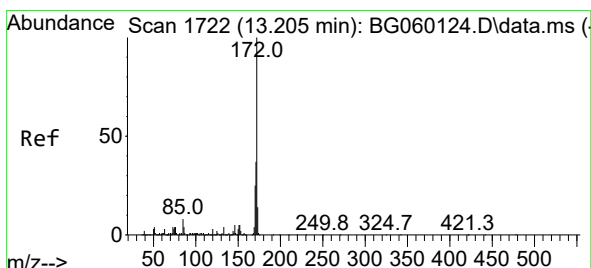
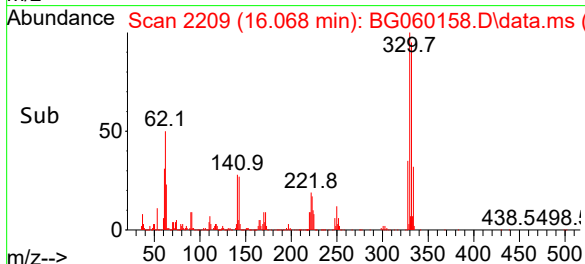
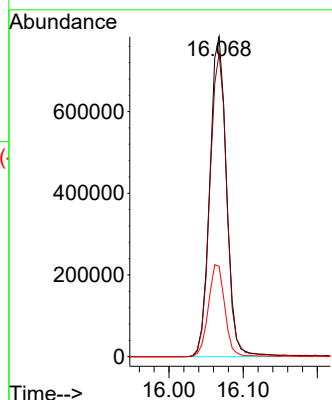
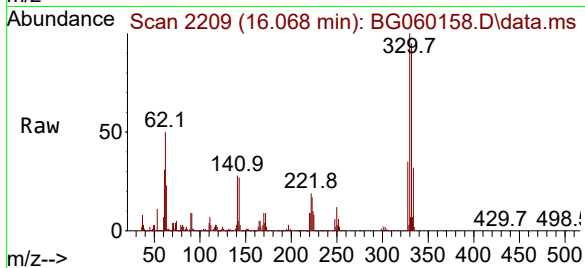
Tgt Ion:330 Resp: 1231192

Ion Ratio Lower Upper

330 100

332 96.0 75.5 113.3

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 85.164 ng

RT: 13.200 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG060158.D

Acq: 23 Dec 2023 5:00

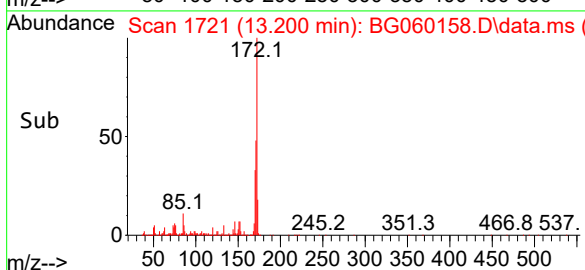
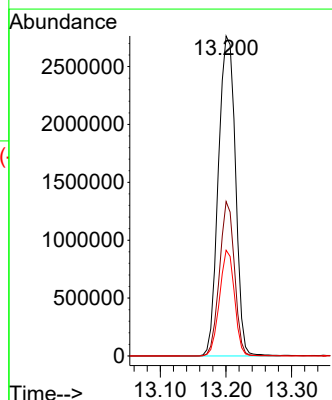
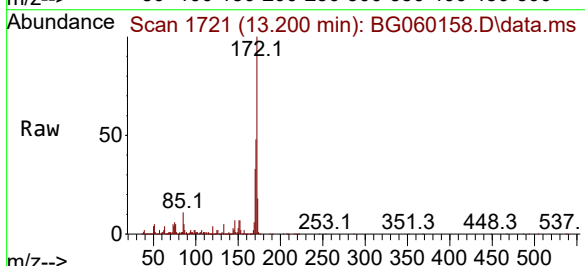
Tgt Ion:172 Resp: 4966106

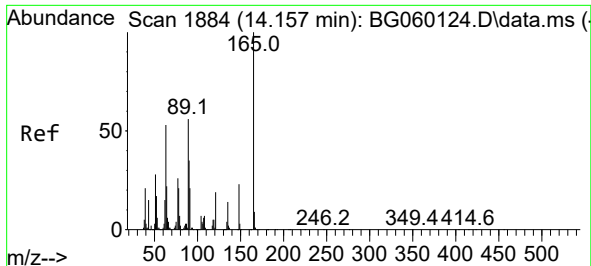
Ion Ratio Lower Upper

172 100

171 48.3 29.2 43.8#

170 33.1 20.1 30.1#

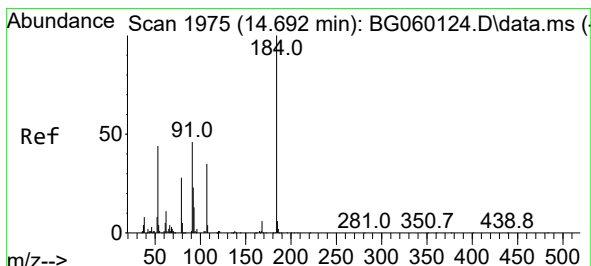
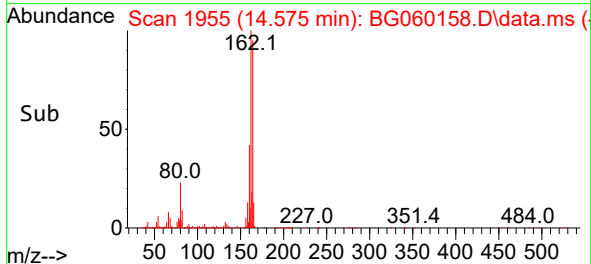
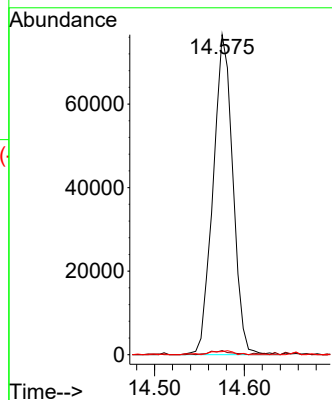
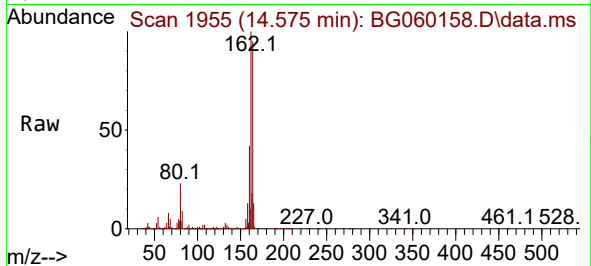




#51
2,6-Dinitrotoluene
Concen: 7.615 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

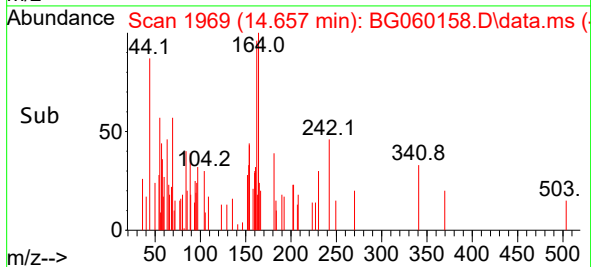
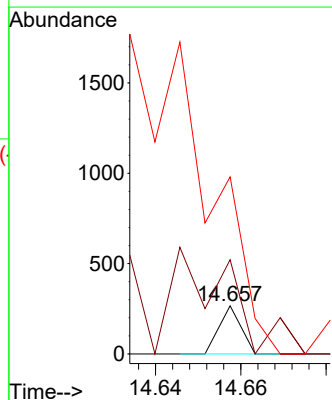
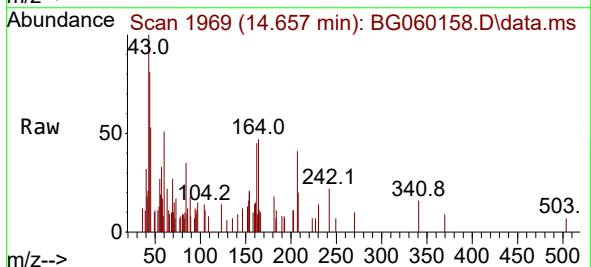
Instrument :
BNA_G
ClientSampleId :
215-0200

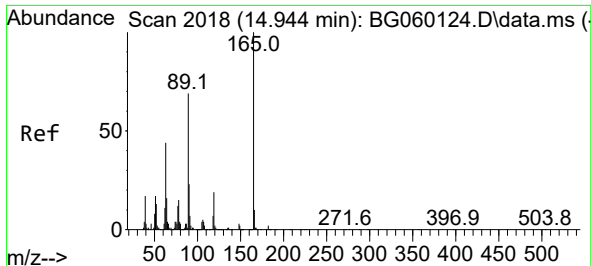
Tgt Ion:165 Resp: 117316
Ion Ratio Lower Upper
165 100
63 1.3 45.4 68.2#
89 0.9 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.627 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.035 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 195.5 48.1 72.1#
154 367.0 44.3 66.5#

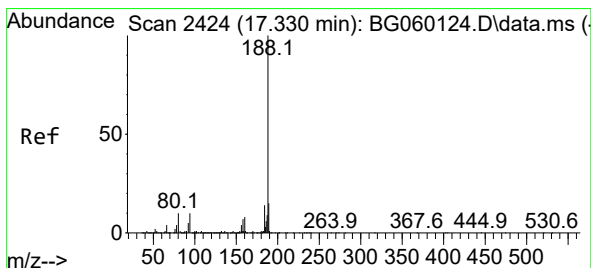
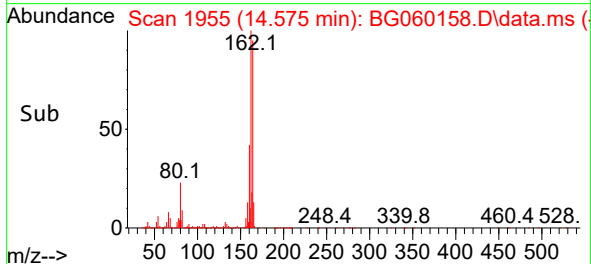
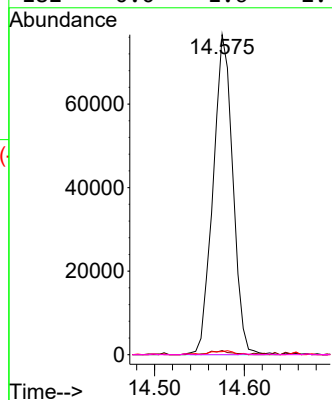
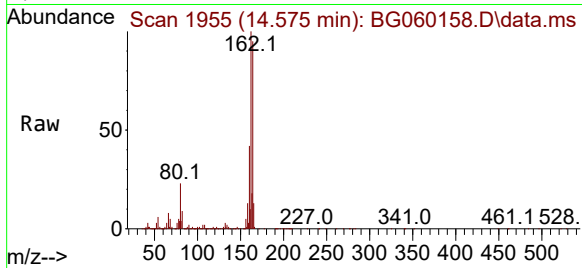




#57
2,4-Dinitrotoluene
Concen: 5.188 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

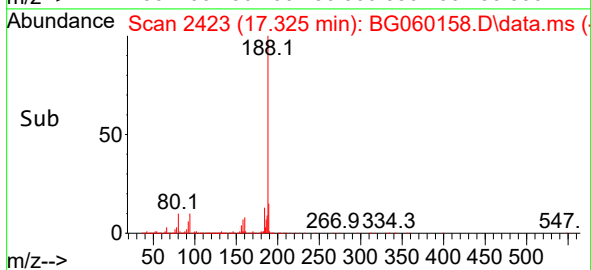
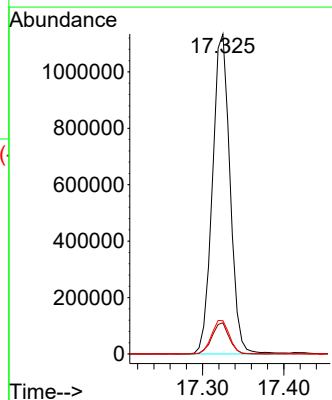
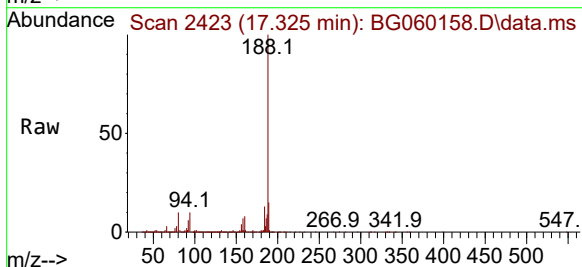
Instrument :
BNA_G
ClientSampleId :
215-0200

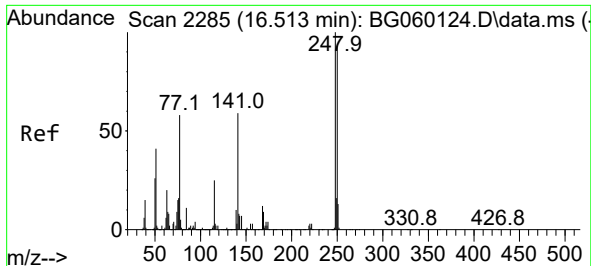
Tgt Ion:165 Resp: 117316
Ion Ratio Lower Upper
165 100
63 1.3 35.4 53.0#
89 0.9 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:188 Resp: 1701911
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.4 7.9 11.9

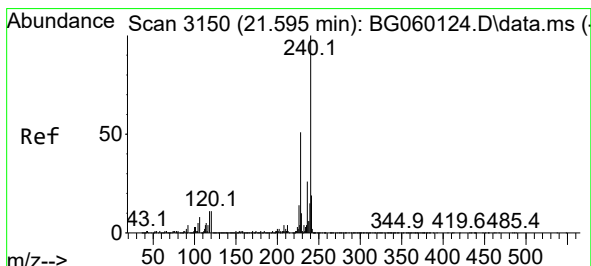
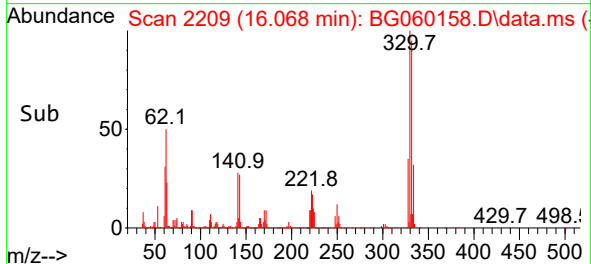
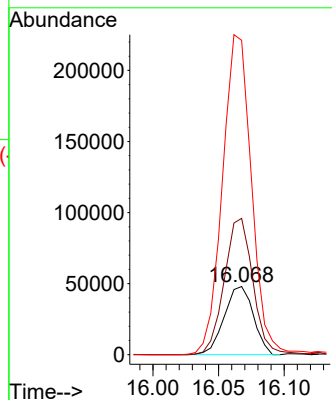
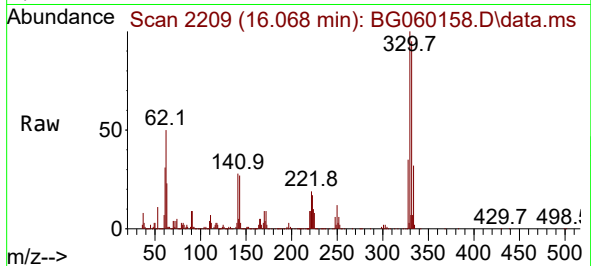




#67
4-Bromophenyl-phenylether
Concen: 4.626 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

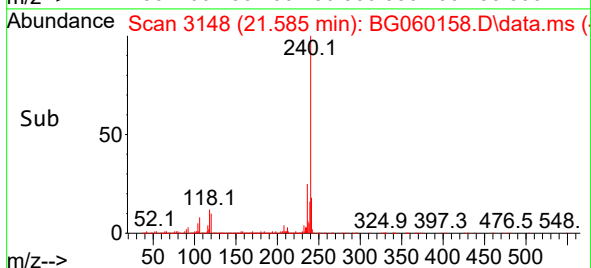
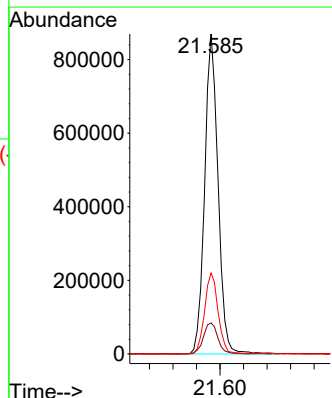
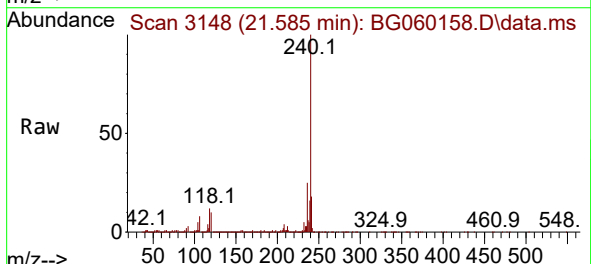
Instrument :
BNA_G
ClientSampleId :
215-0200

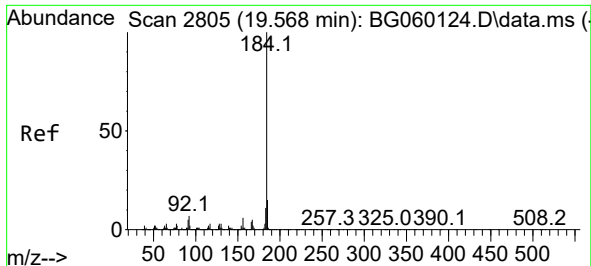
Tgt Ion:248 Resp: 74176
Ion Ratio Lower Upper
248 100
250 154.6 74.5 111.7#
141 356.6 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:240 Resp: 1374895
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.3 20.4 30.6

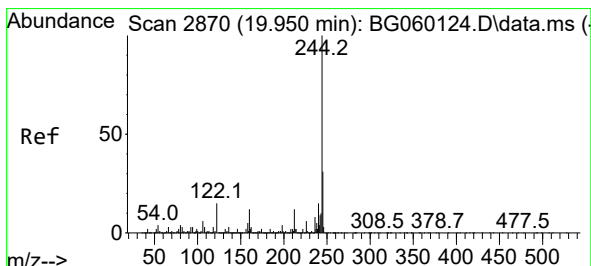
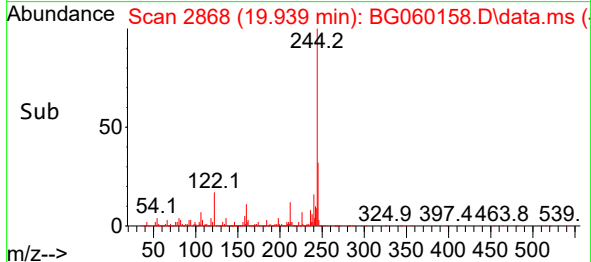
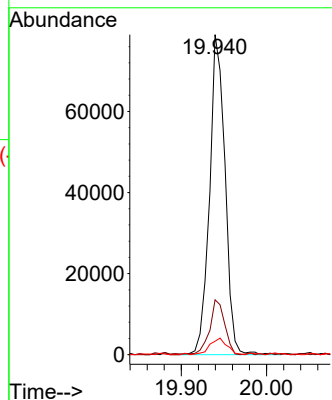
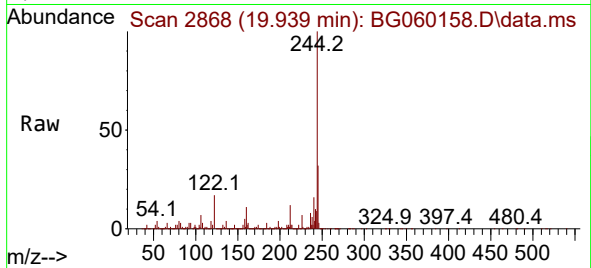




#77
Benzidine
Concen: 2.682 ng
RT: 19.939 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

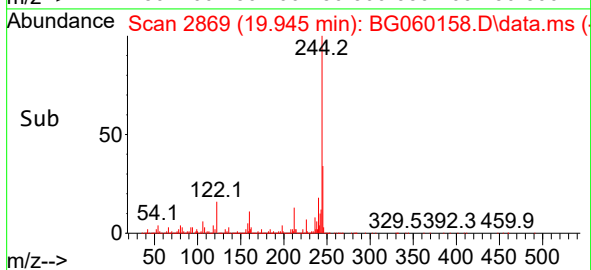
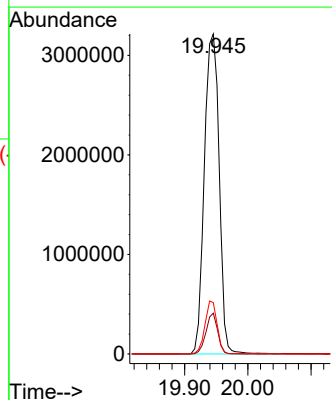
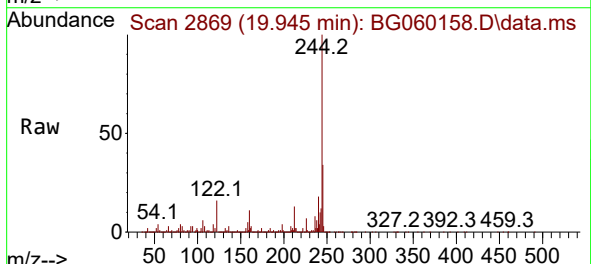
Instrument :
BNA_G
ClientSampleId :
215-0200

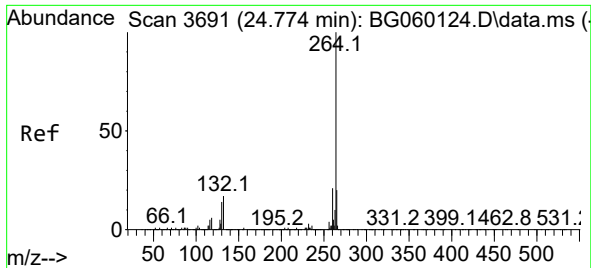
Tgt Ion:184 Resp: 99697
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 4.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 68.654 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:244 Resp: 5216389
Ion Ratio Lower Upper
244 100
212 12.8 9.5 14.3
122 16.1 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.757 min Scan# 30
Delta R.T. -0.016 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Instrument :
BNA_G
ClientSampleId :
215-0200

Tgt Ion:264 Resp: 1519387

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.1	25.7
265	22.0	16.0	24.0

