

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060320.D
 Acq On : 12 Jan 2024 17:50
 Operator : MA/JU
 Sample : P1104-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jan 12 23:43:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

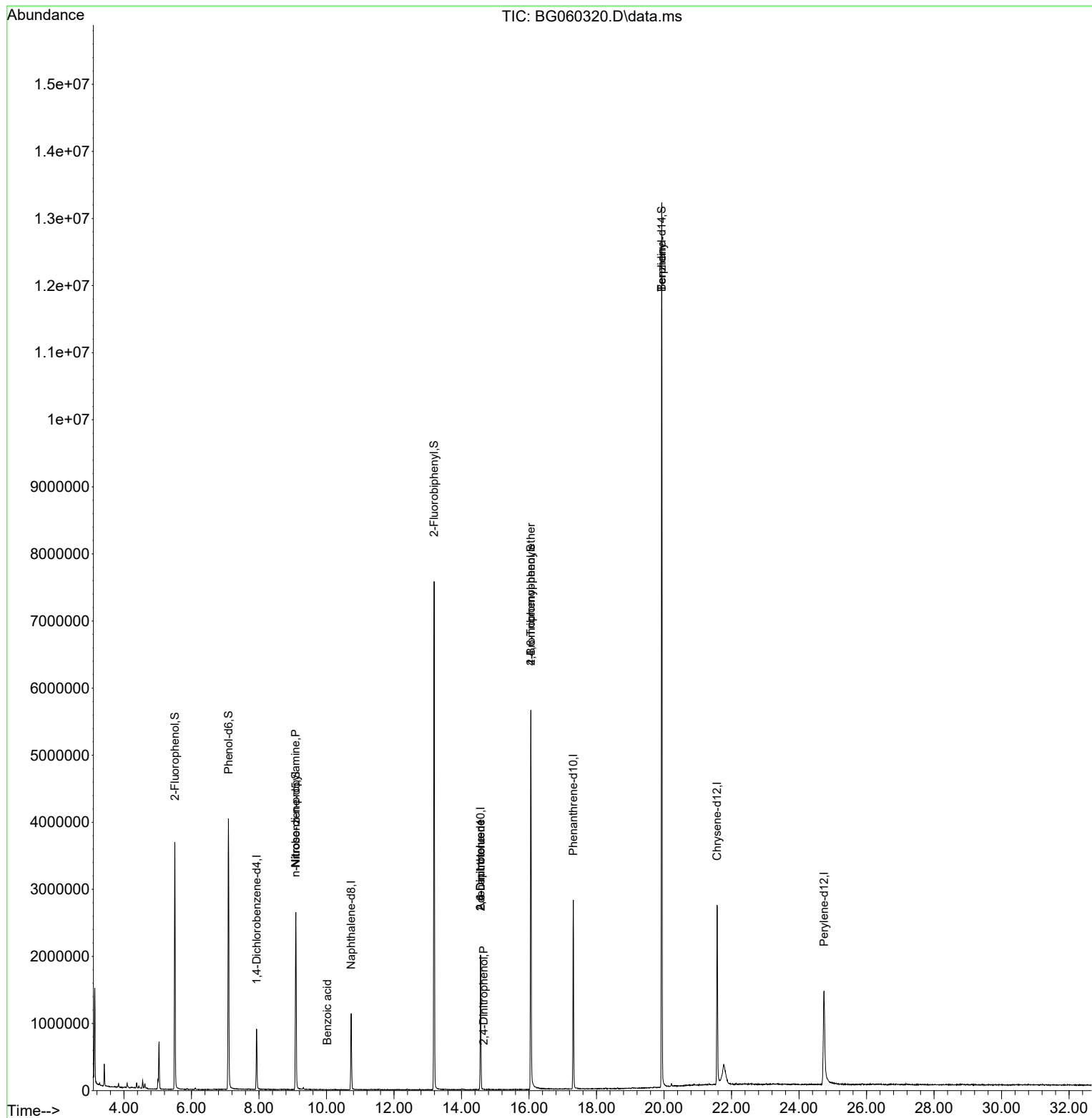
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	280167	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1001868	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	725422	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1831752	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1781686	20.000	ng	0.00
86) Perylene-d12	24.738	264	1911501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1763191	103.512	ng	0.00
7) Phenol-d6	7.094	99	2746072	108.872	ng	0.00
23) Nitrobenzene-d5	9.092	82	1867482	88.018	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1351062	126.586	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	4119084	78.945	ng	0.00
79) Terphenyl-d14	19.932	244	5876653	82.140	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	229199	13.129	ng	# 81
32) Benzoic acid	10.020	122	63	10.206	ng	# 8
51) 2,6-Dinitrotoluene	14.562	165	94433	7.983	ng	# 33
54) 2,4-Dinitrophenol	14.656	184	74	8.596	ng	# 27
57) 2,4-Dinitrotoluene	14.562	165	94433	5.822	ng	# 25
67) 4-Bromophenyl-phenylether	16.054	248	81811	4.065	ng	# 1
77) Benzidine	19.932	184	107240	2.771	ng	# 96

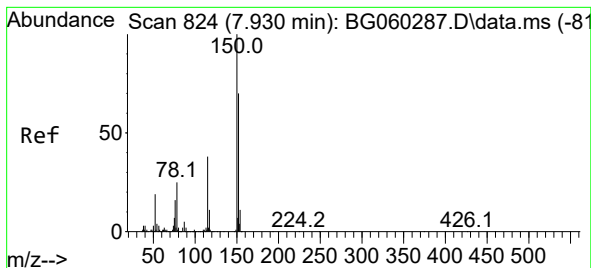
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
Data File : BG060320.D
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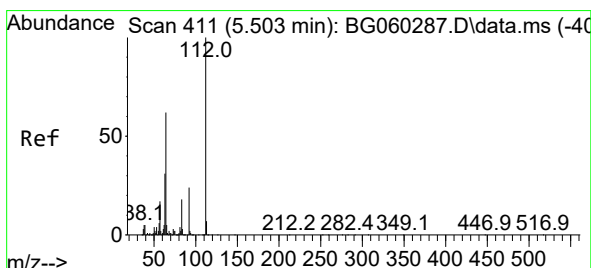
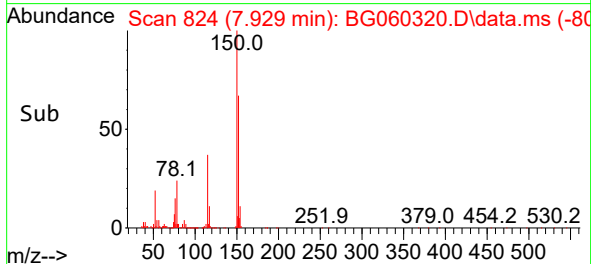
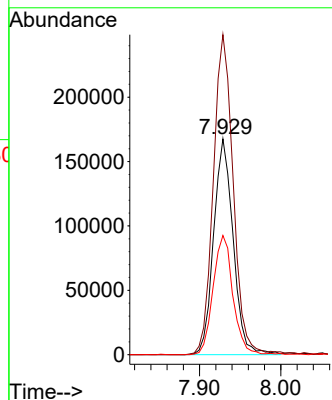
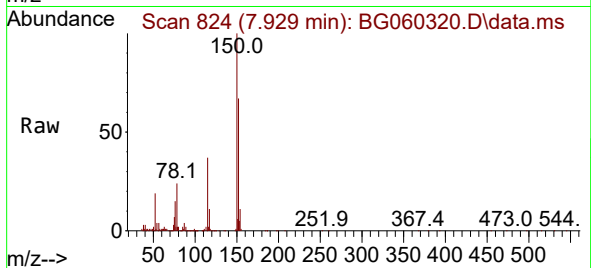




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

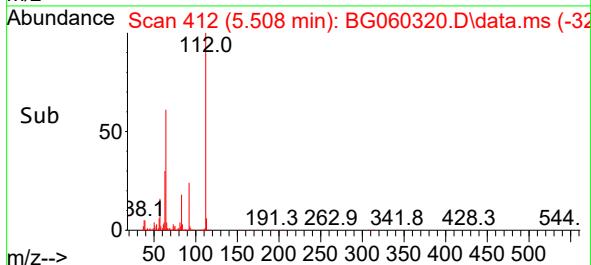
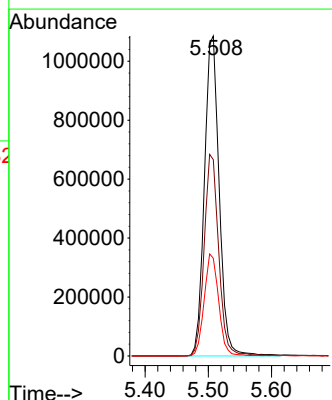
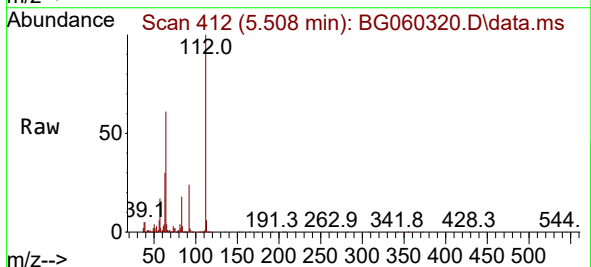
Instrument :
BNA_G
ClientSampleId :
TP-1

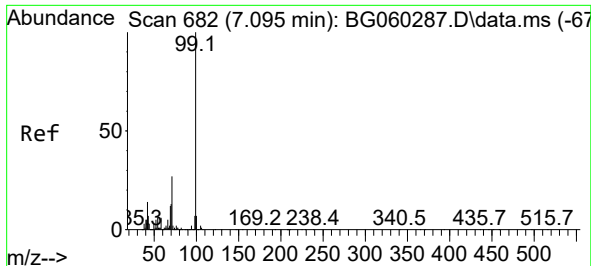
Tgt Ion:152 Resp: 280167
Ion Ratio Lower Upper
152 100
150 148.2 114.5 171.7
115 55.2 43.0 64.6



#5
2-Fluorophenol
Concen: 103.512 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:112 Resp: 1763191
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.5 24.4 36.6

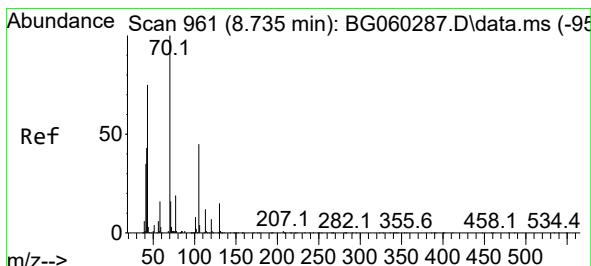
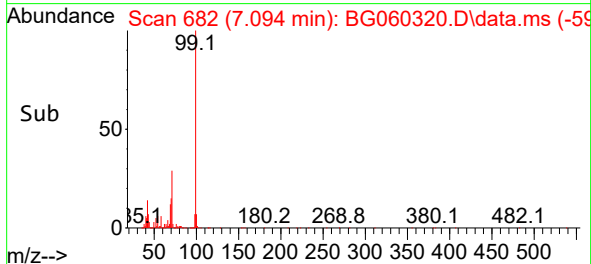
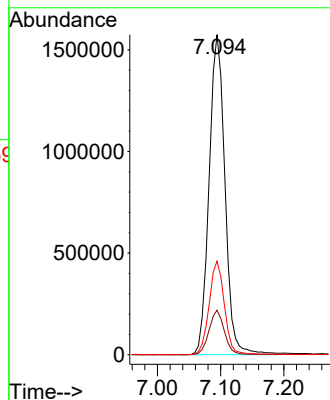
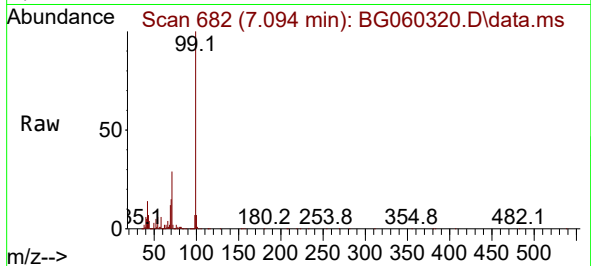




#7
Phenol-d6
Concen: 108.872 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

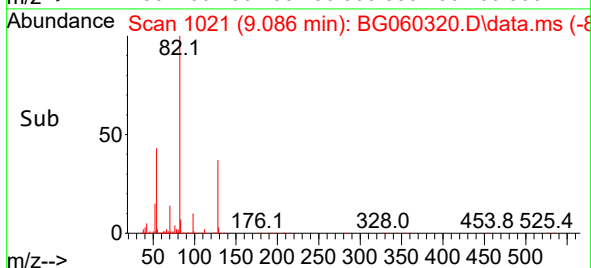
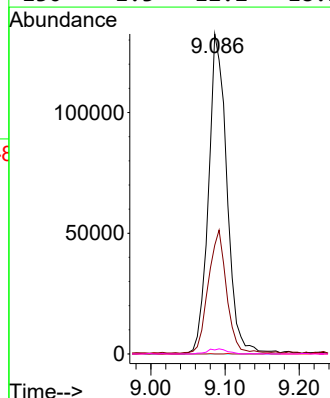
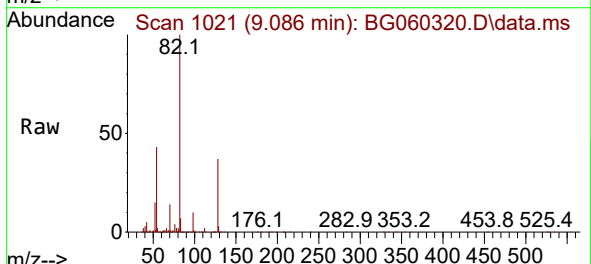
Instrument :
BNA_G
ClientSampleId :
TP-1

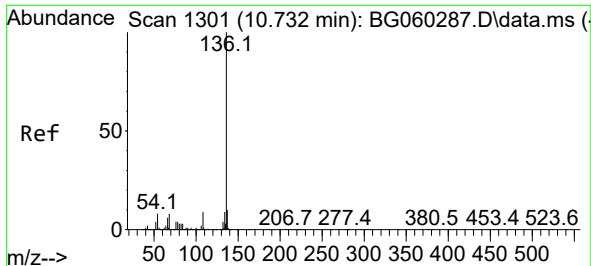
Tgt Ion: 99 Resp: 2746072
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 29.2 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.129 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion: 70 Resp: 229199
Ion Ratio Lower Upper
70 100
42 34.0 34.3 51.5#
101 0.0 6.2 9.2#
130 1.3 12.2 18.2#

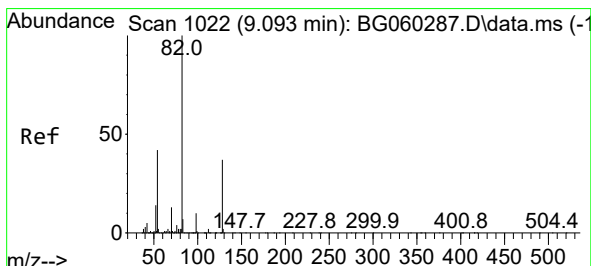
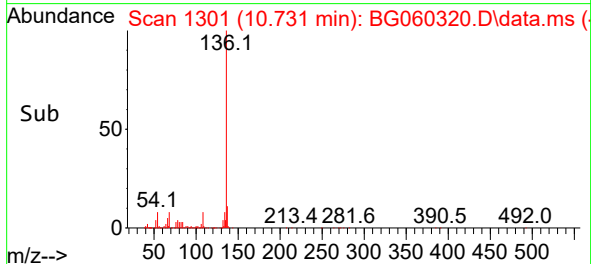
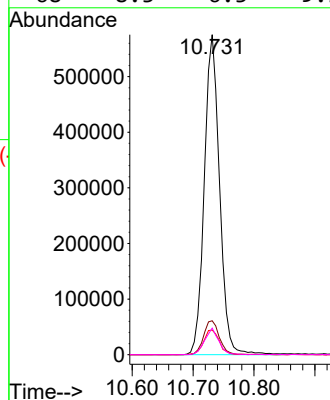
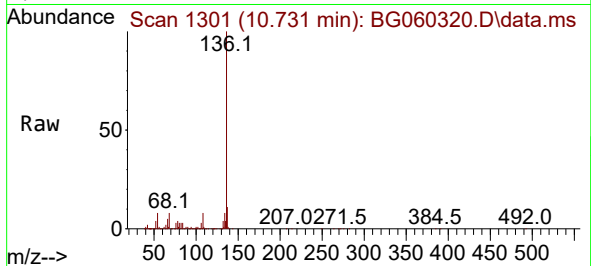




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

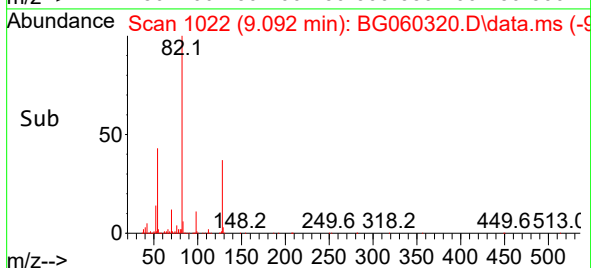
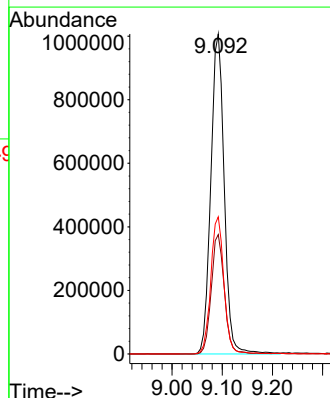
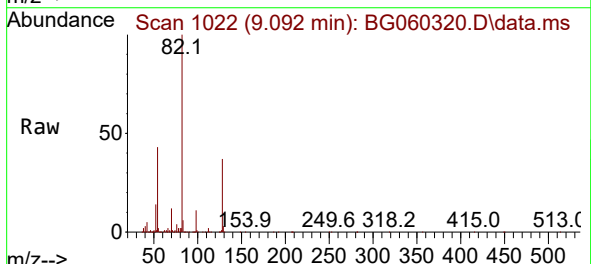
Instrument :
BNA_G
ClientSampleId :
TP-1

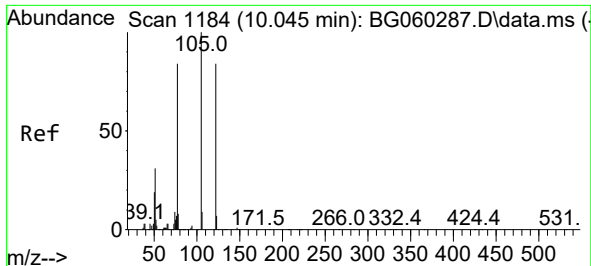
Tgt Ion:136 Resp: 1001868
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 7.7 6.2 9.2
68 8.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 88.018 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion: 82 Resp: 1867482
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 42.8 33.6 50.4

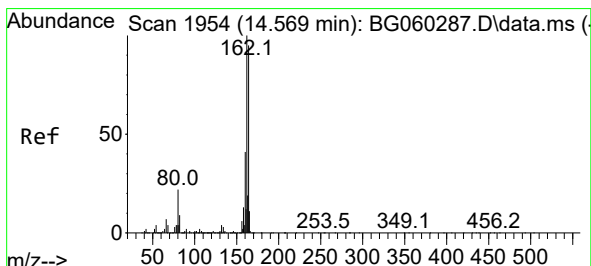
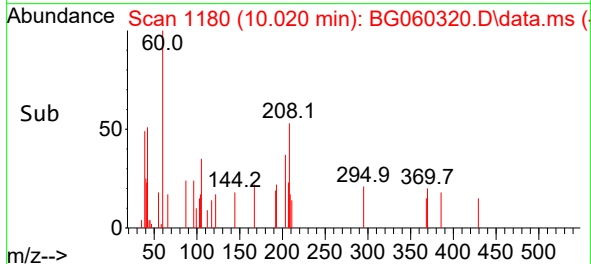
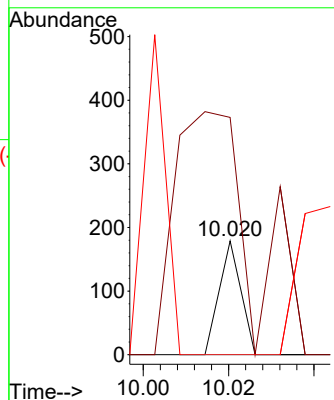
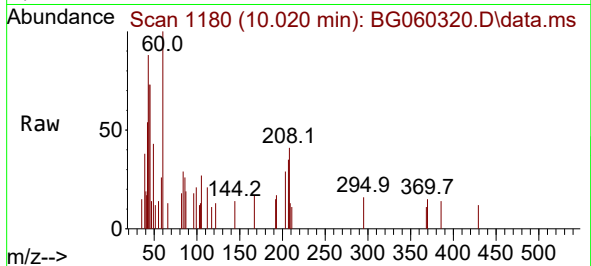




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.020 min Scan# 1184
Delta R.T. -0.025 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

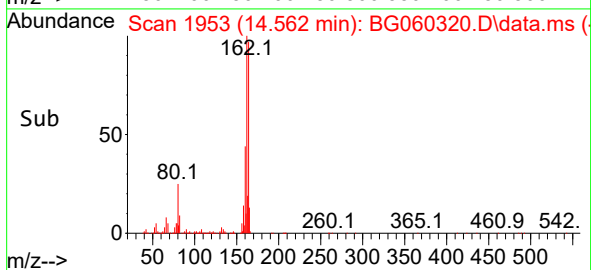
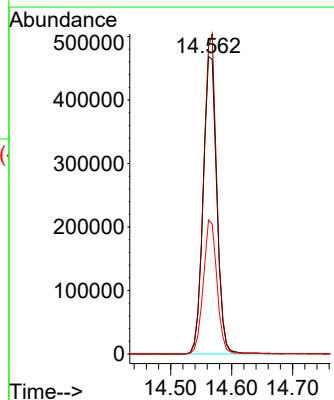
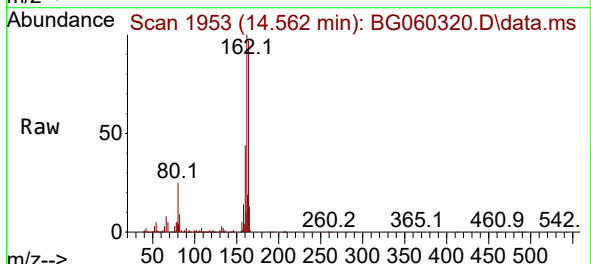
Instrument :
BNA_G
ClientSampleId :
TP-1

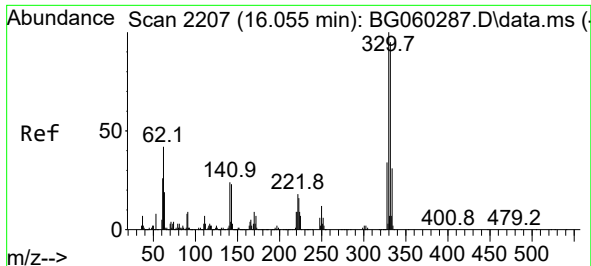
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 208.4 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:164 Resp: 725422
Ion Ratio Lower Upper
164 100
162 103.2 84.4 126.6
160 45.1 34.6 52.0

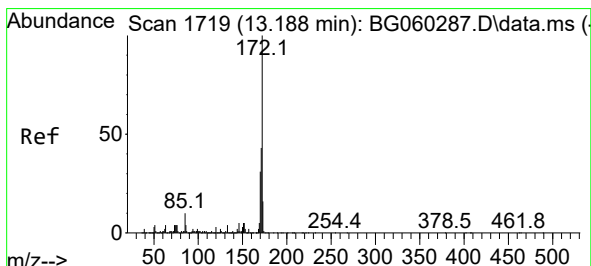
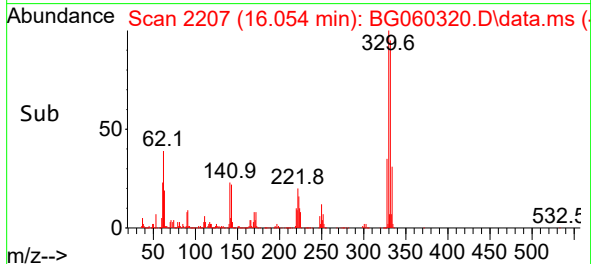
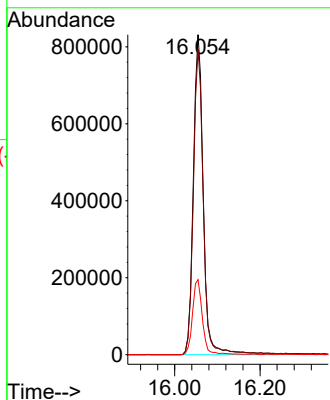
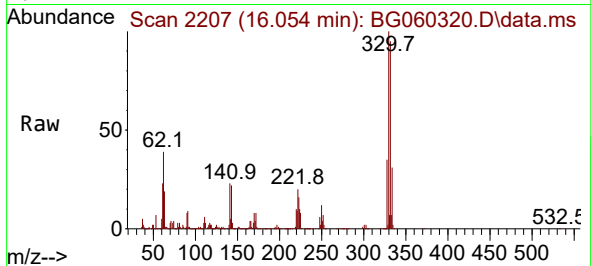




#42
2,4,6-Tribromophenol
Concen: 126.586 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

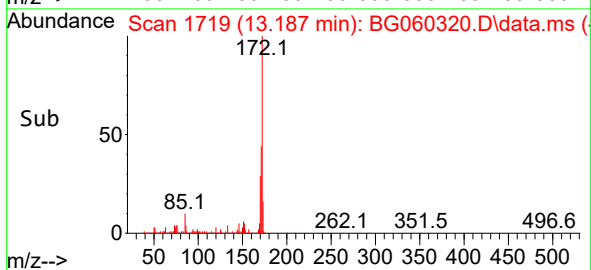
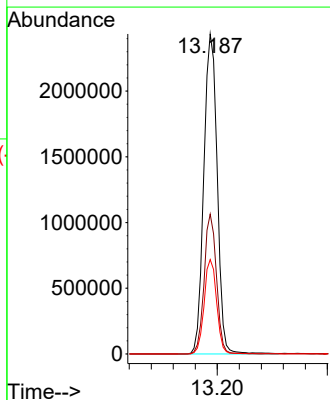
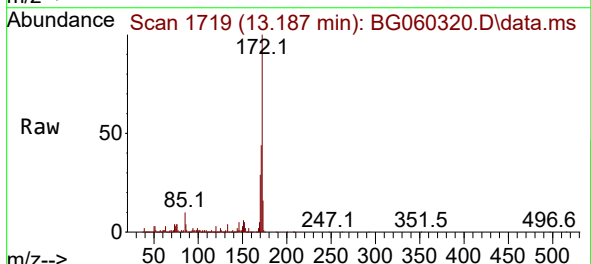
Instrument :
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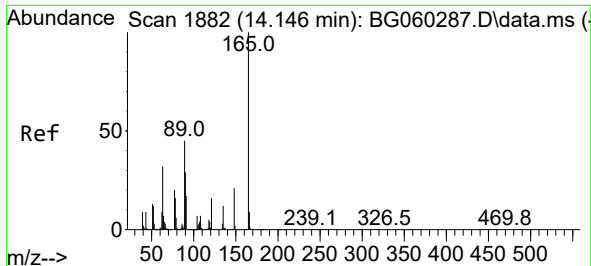
Tgt Ion:330 Resp: 1351062
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 78.945 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:172 Resp: 4119084
Ion Ratio Lower Upper
172 100
171 43.7 34.6 51.8
170 29.5 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 7.983 ng

RT: 14.562 min Scan# 1953

Delta R.T. 0.416 min

Lab File: BG060320.D

Acq: 12 Jan 2024 17:50

Instrument :

BNA_G

ClientSampleId :

TP-1

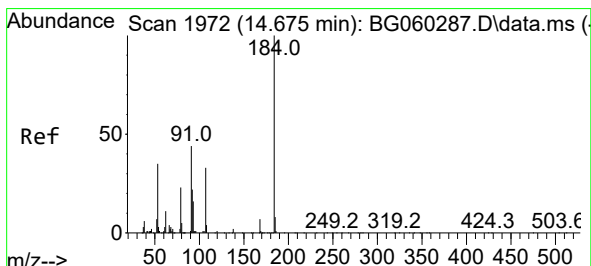
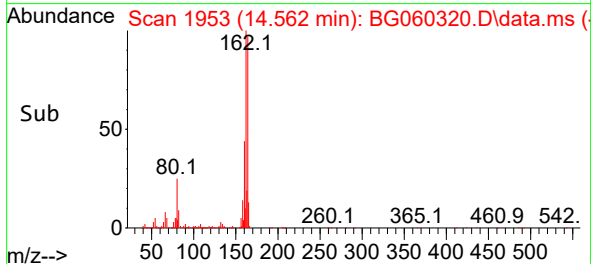
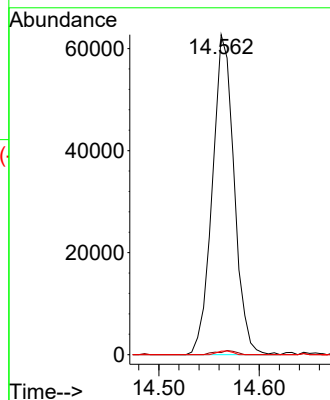
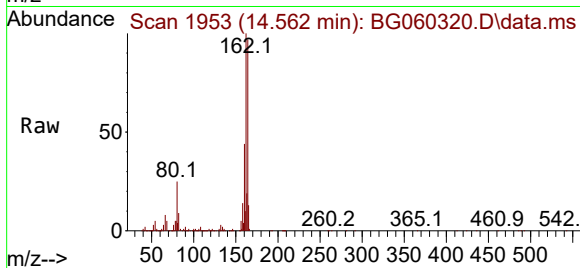
Tgt Ion:165 Resp: 94433

Ion Ratio Lower Upper

165 100

63 0.7 35.0 52.4#

89 1.1 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.596 ng

RT: 14.656 min Scan# 1969

Delta R.T. -0.019 min

Lab File: BG060320.D

Acq: 12 Jan 2024 17:50

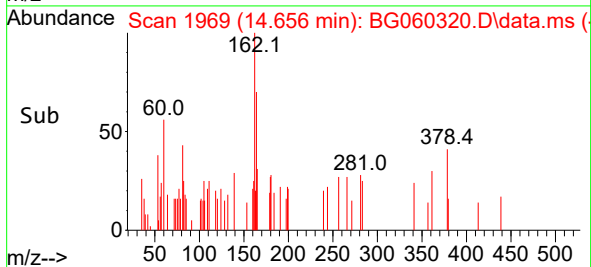
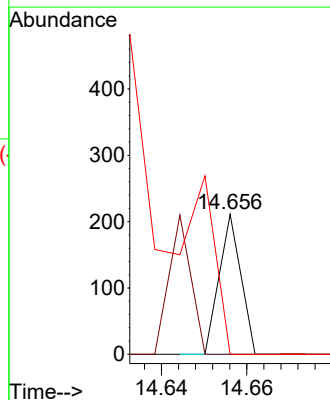
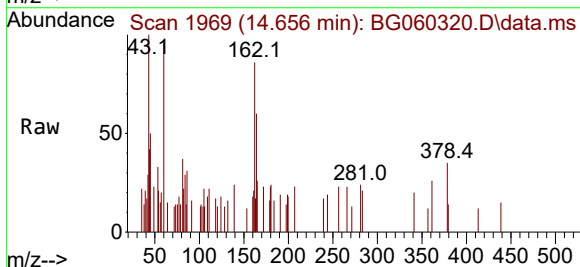
Tgt Ion:184 Resp: 74

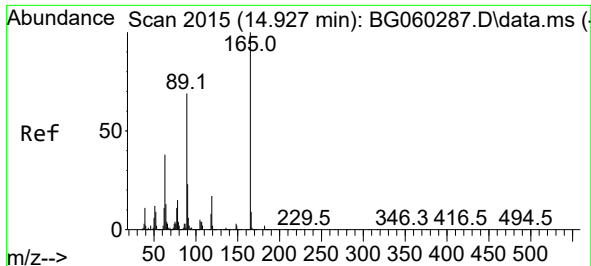
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.822 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.365 min

Lab File: BG060320.D

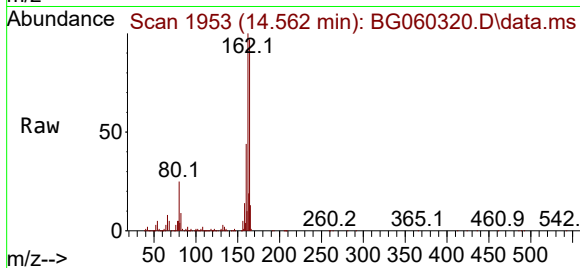
Acq: 12 Jan 2024 17:50

Instrument :

BNA_G

ClientSampleId :

TP-1



Tgt Ion:165 Resp: 94433

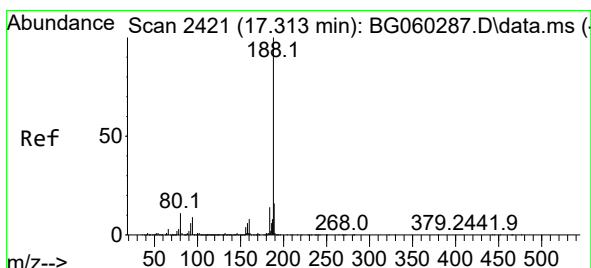
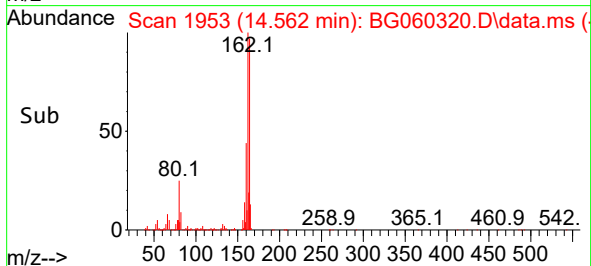
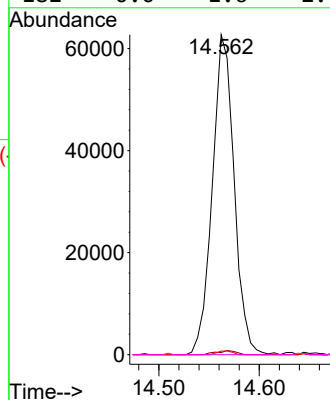
Ion Ratio Lower Upper

165 100

63 0.7 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060320.D

Acq: 12 Jan 2024 17:50

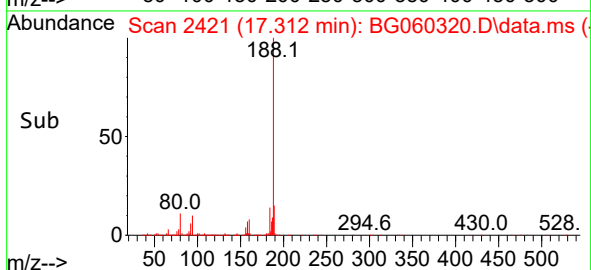
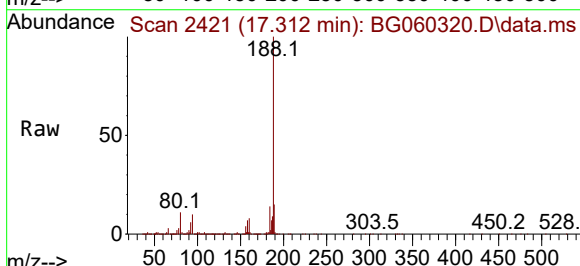
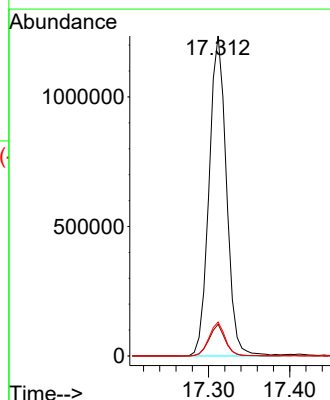
Tgt Ion:188 Resp: 1831752

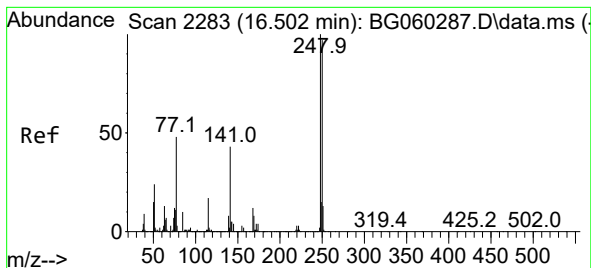
Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

80 10.6 8.5 12.7

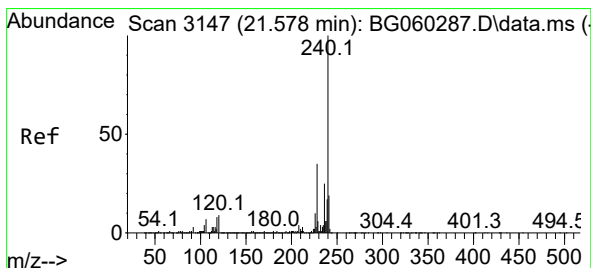
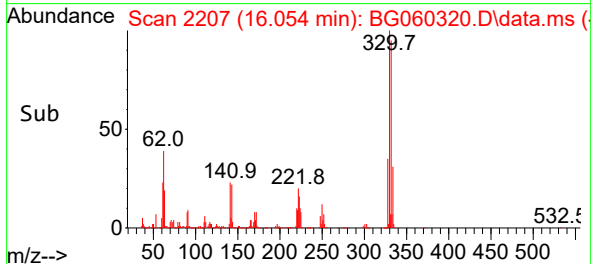
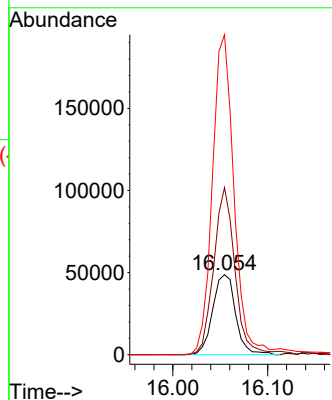
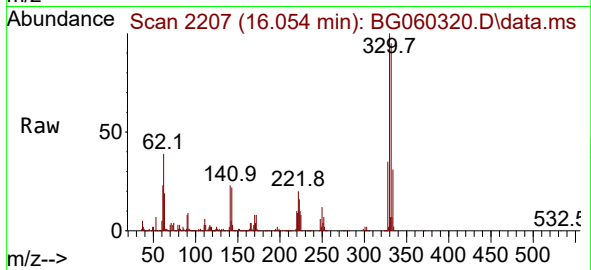




#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

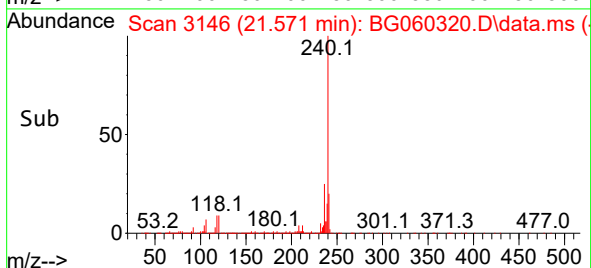
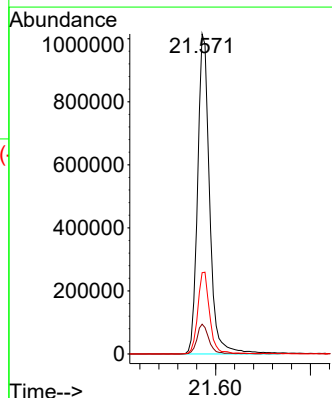
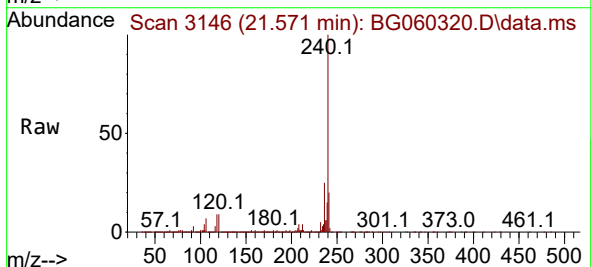
Instrument :
BNA_G
ClientSampleId :
TP-1

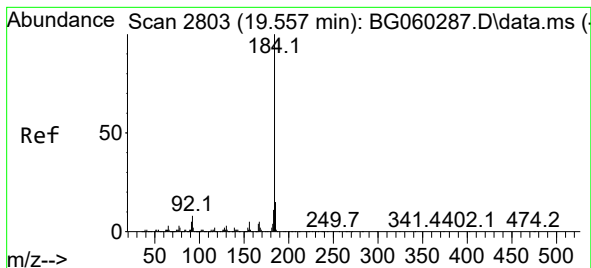
Tgt Ion:248 Resp: 81811
Ion Ratio Lower Upper
248 100
250 208.7 77.6 116.4#
141 399.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:240 Resp: 1781686
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.4 20.3 30.5





#77

Benzidine

Concen: 2.771 ng

RT: 19.932 min Scan# 2867

Delta R.T. 0.375 min

Lab File: BG060320.D

Acq: 12 Jan 2024 17:50

Instrument :

BNA_G

ClientSampleId :

TP-1

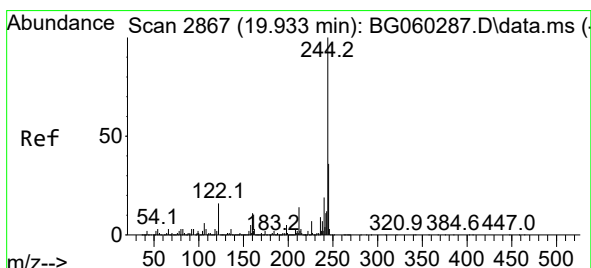
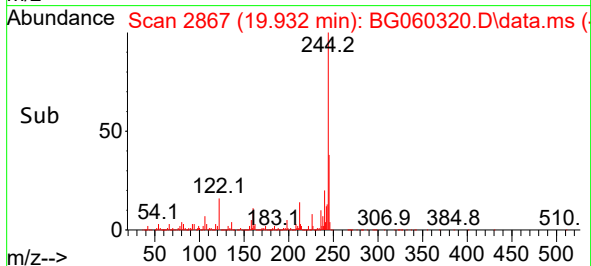
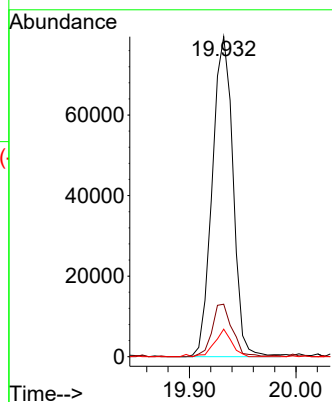
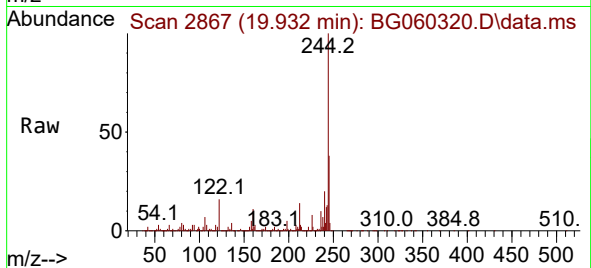
Tgt Ion:184 Resp: 107240

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.4

183 8.6 9.0 13.4#



#79

Terphenyl-d14

Concen: 82.140 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060320.D

Acq: 12 Jan 2024 17:50

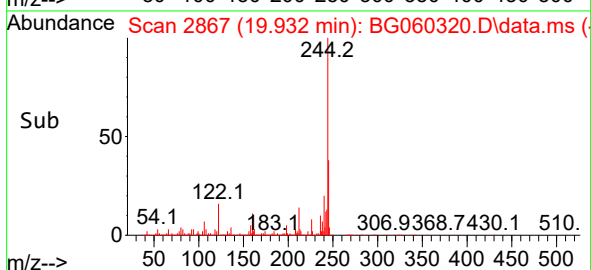
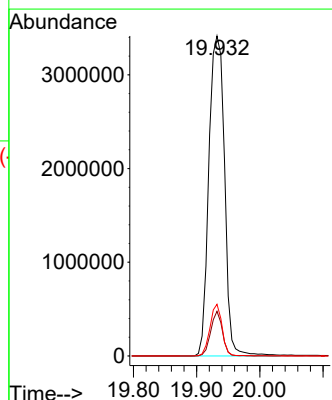
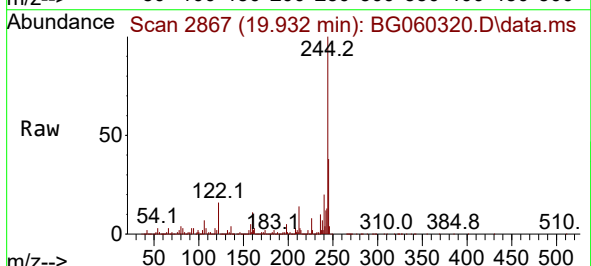
Tgt Ion:244 Resp: 5876653

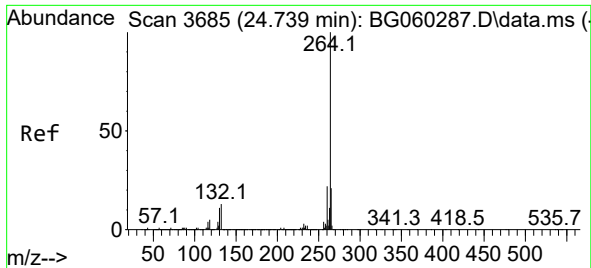
Ion Ratio Lower Upper

244 100

212 14.0 10.9 16.3

122 16.2 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.738 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 1911501

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.8	26.6
265	21.2	16.8	25.2

