

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060307.D
 Acq On : 11 Jan 2024 13:08
 Operator : MA/JU
 Sample : PB158317TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158317TB

Quant Time: Jan 11 14:05:36 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)

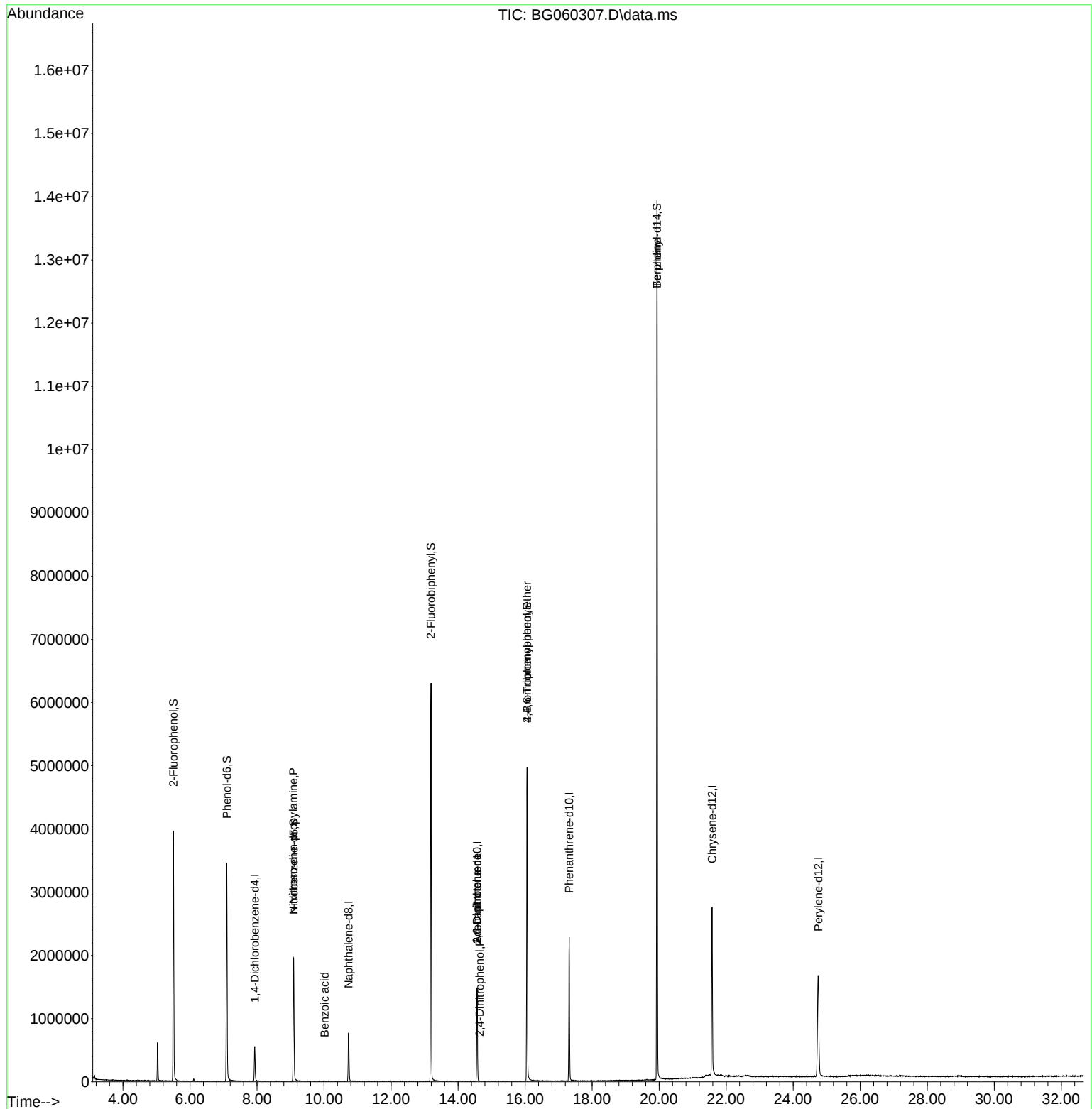
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	173919	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	692239	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	539370	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1559779	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1704006	20.000	ng	0.00
86) Perylene-d12	24.748	264	1864066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1851294	175.081	ng	0.00
7) Phenol-d6	7.098	99	2357651	150.576	ng	0.00
23) Nitrobenzene-d5	9.096	82	1395447	95.188	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1079195	135.993	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3500678	90.236	ng	0.00
79) Terphenyl-d14	19.936	244	6001939	91.352	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	162124	14.961	ng	# 85
32) Benzoic acid	10.018	122	160	10.220	ng	# 1
51) 2,6-Dinitrotoluene	14.566	165	73848	8.397	ng	# 33
54) 2,4-Dinitrophenol	14.642	184	66	8.598	ng	# 1
57) 2,4-Dinitrotoluene	14.566	165	73848	6.123	ng	# 26
67) 4-Bromophenyl-phenylether	16.058	248	64561	3.767	ng	# 1
77) Benzidine	19.936	184	118383	3.198	ng	# 91

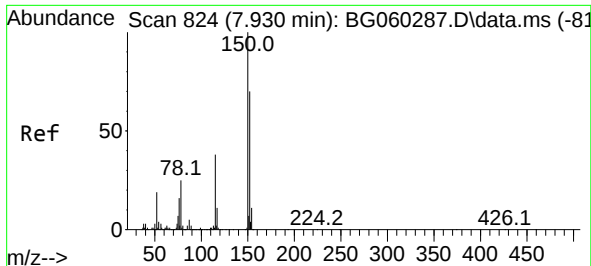
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
Data File : BG060307.D
Acq On : 11 Jan 2024 13:08
Operator : MA/JU
Sample : PB158317TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158317TB

Quant Time: Jan 11 14:05:36 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

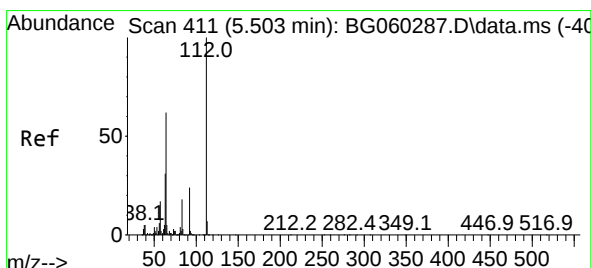
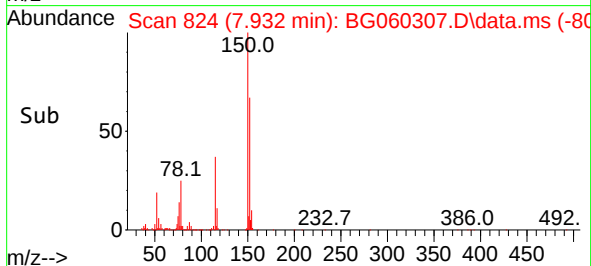
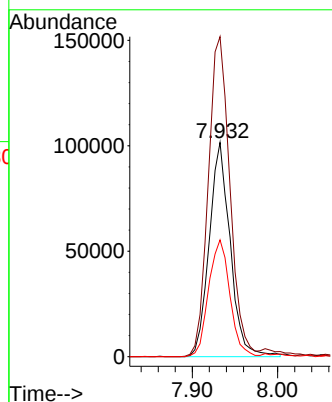
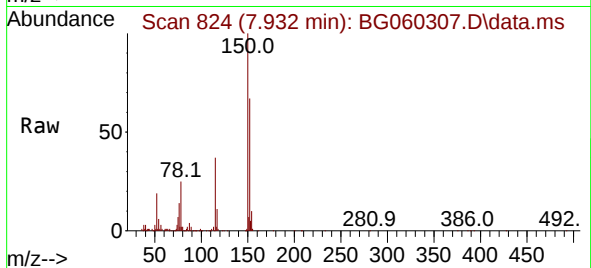




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

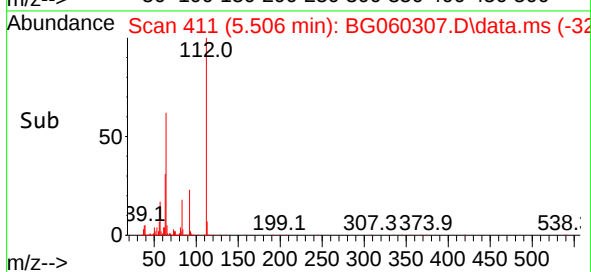
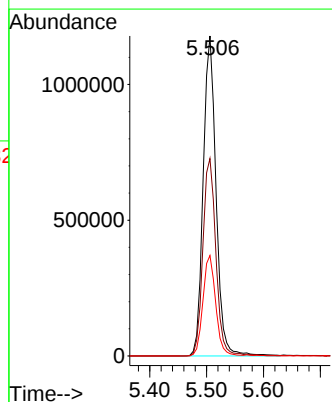
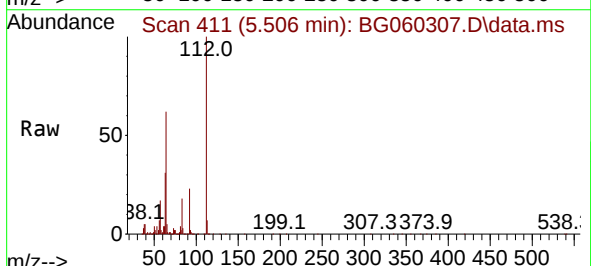
Instrument :
BNA_G
ClientSampleId :
PB158317TB

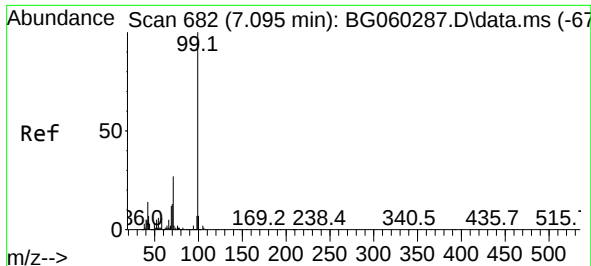
Tgt Ion:152 Resp: 173919
Ion Ratio Lower Upper
152 100
150 149.4 114.5 171.7
115 54.5 43.0 64.6



#5
2-Fluorophenol
Concen: 175.081 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:112 Resp: 1851294
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.4 24.4 36.6

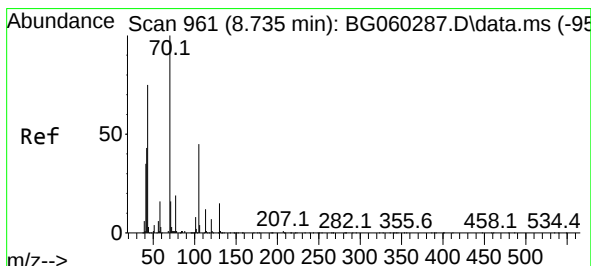
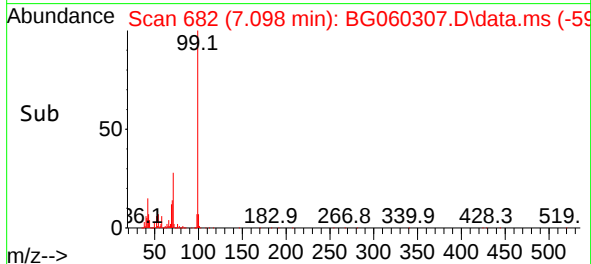
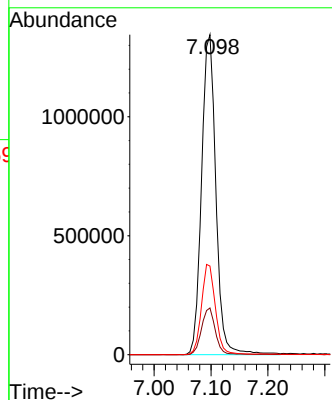
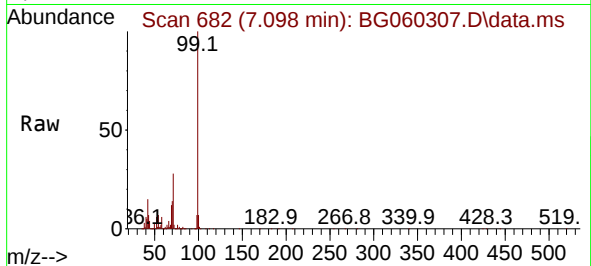




#7
Phenol-d6
Concen: 150.576 ng
RT: 7.098 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

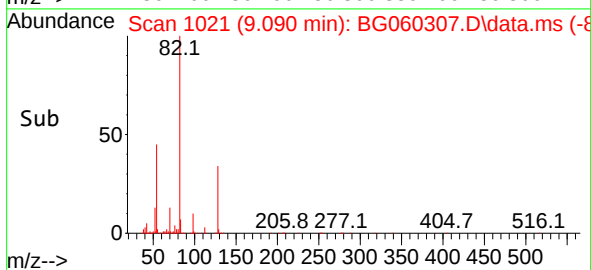
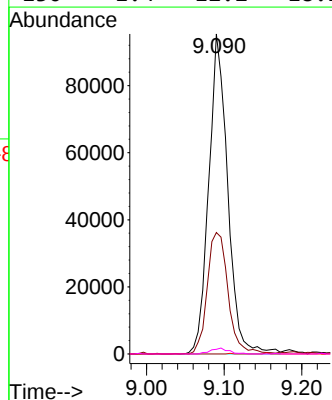
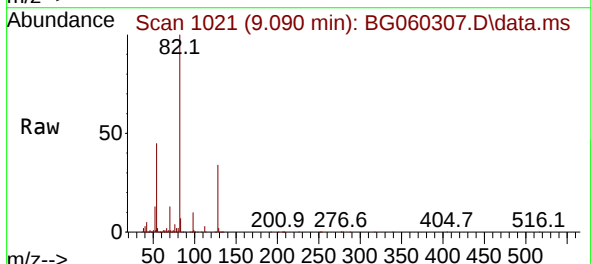
Instrument :
BNA_G
ClientSampleId :
PB158317TB

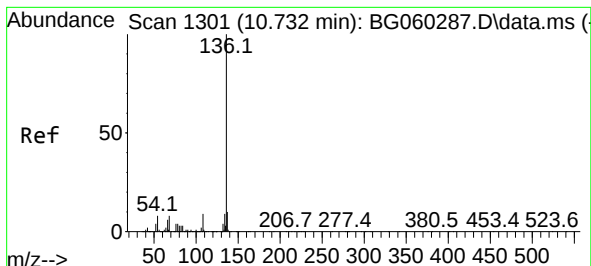
Tgt Ion: 99 Resp: 2357651
Ion Ratio Lower Upper
99 100
42 14.6 10.9 16.3
71 27.7 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.961 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion: 70 Resp: 162124
Ion Ratio Lower Upper
70 100
42 37.9 34.3 51.5
101 0.0 6.2 9.2#
130 1.4 12.2 18.2#

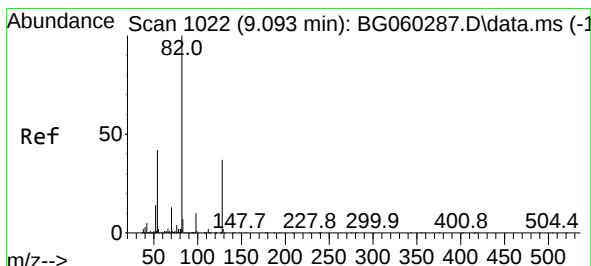
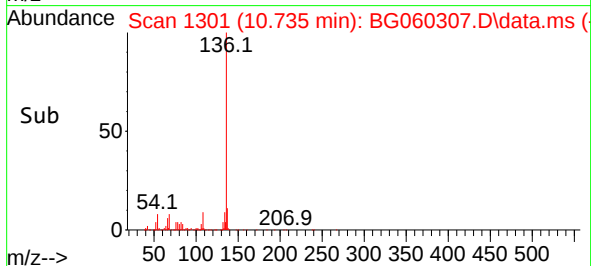
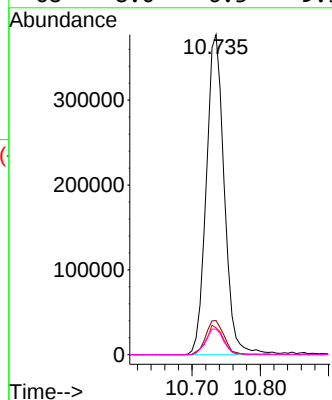
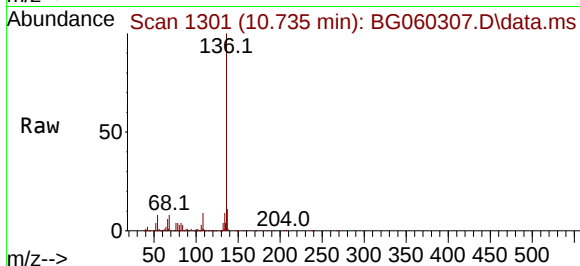




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

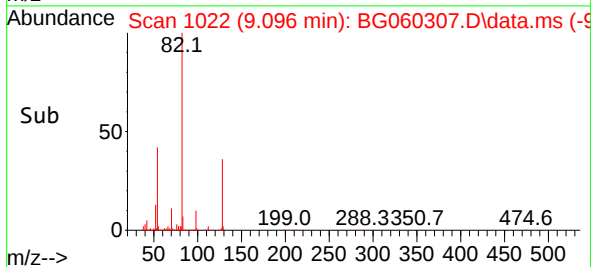
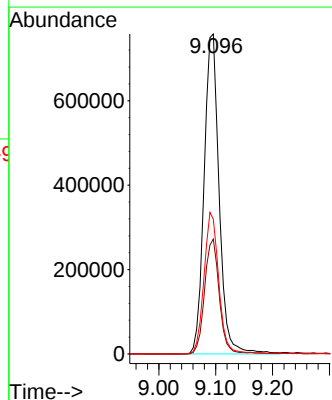
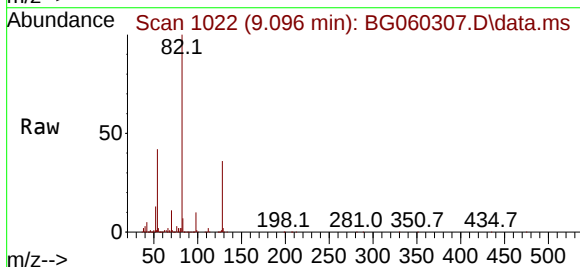
Instrument :
BNA_G
ClientSampleId :
PB158317TB

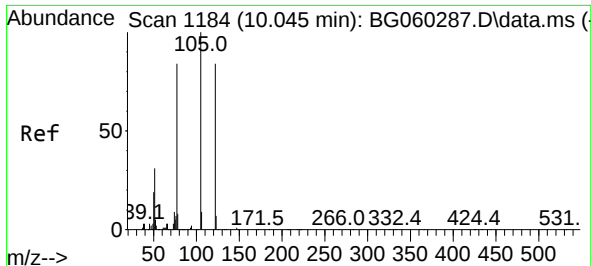
Tgt Ion:	136	Resp:	692239
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.4	6.2	9.2
68	8.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 95.188 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:	82	Resp:	1395447
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.6	44.4
54	42.1	33.6	50.4

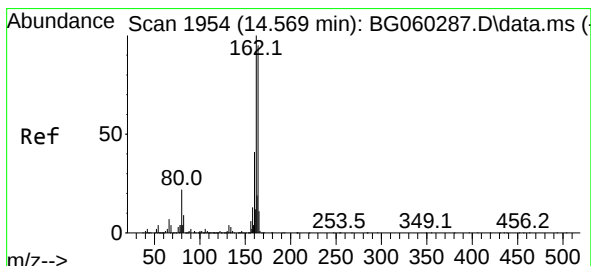
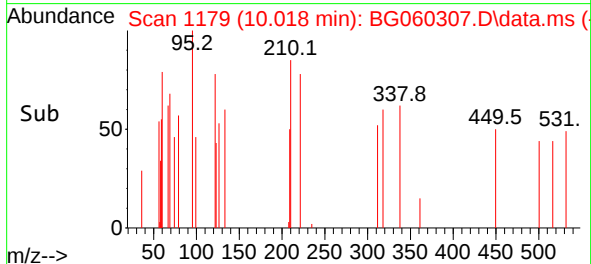
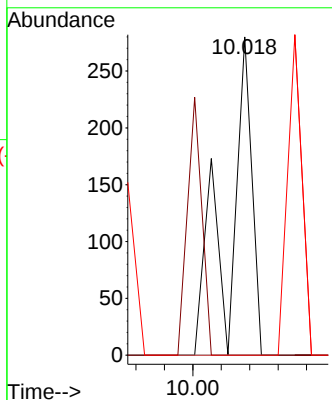
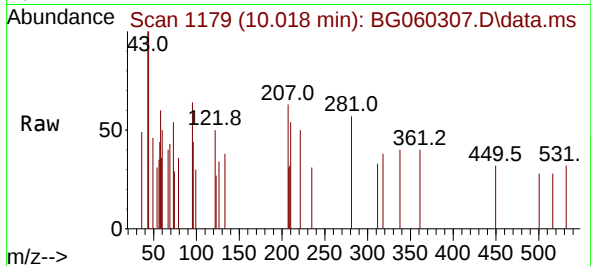




#32
Benzoic acid
Concen: 10.220 ng
RT: 10.018 min Scan# 1179
Delta R.T. -0.027 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

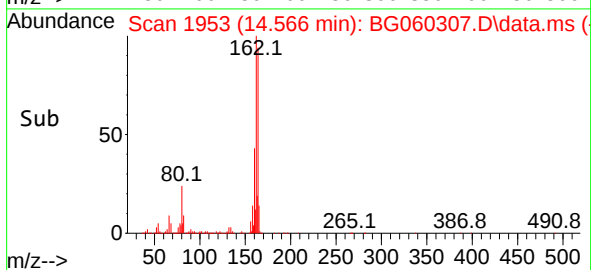
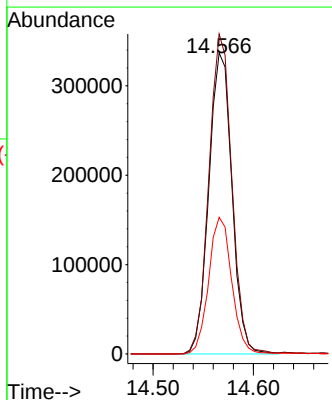
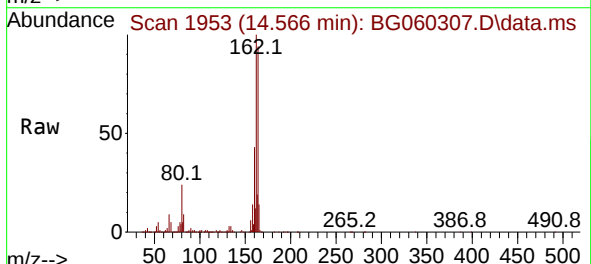
Instrument :
BNA_G
ClientSampleId :
PB158317TB

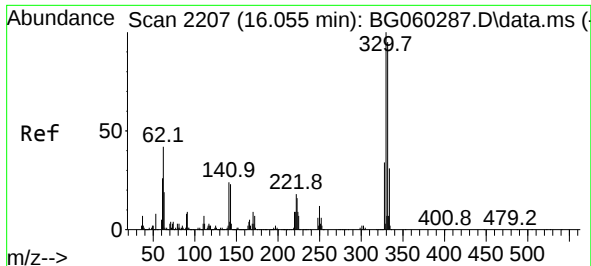
Tgt Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:164 Resp: 539370
Ion Ratio Lower Upper
164 100
162 106.2 84.4 126.6
160 45.4 34.6 52.0

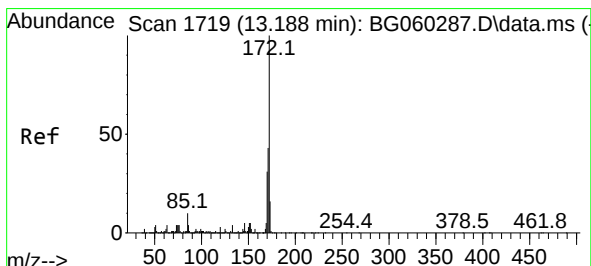
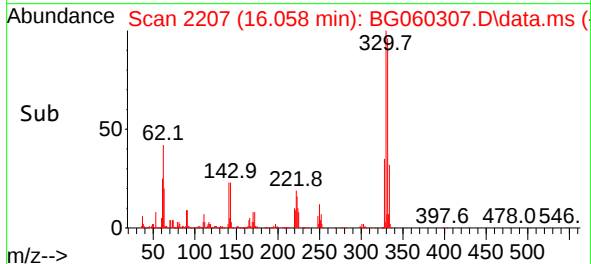
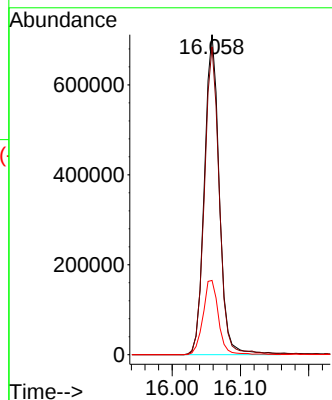
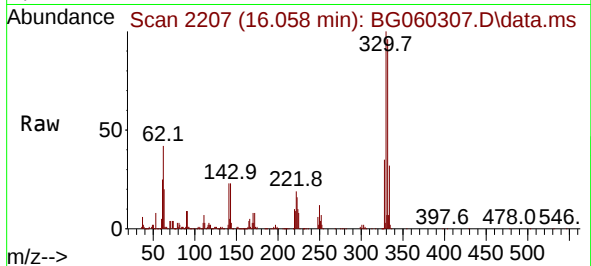




#42
2,4,6-Tribromophenol
Concen: 135.993 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

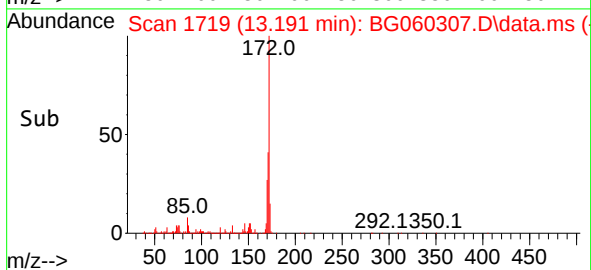
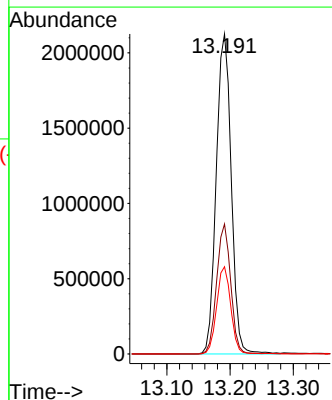
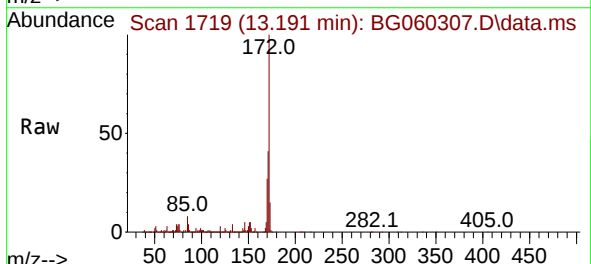
Instrument :
BNA_G
ClientSampleId :
PB158317TB

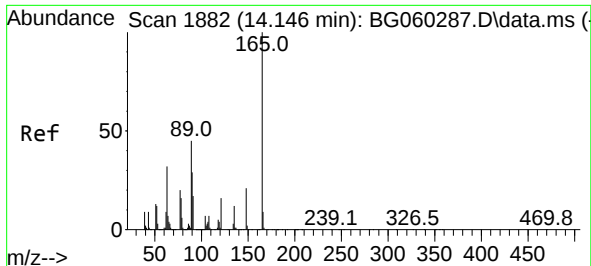
Tgt Ion:330 Resp: 1079195
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 24.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 90.236 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:172 Resp: 3500678
Ion Ratio Lower Upper
172 100
171 40.6 34.6 51.8
170 27.2 24.4 36.6

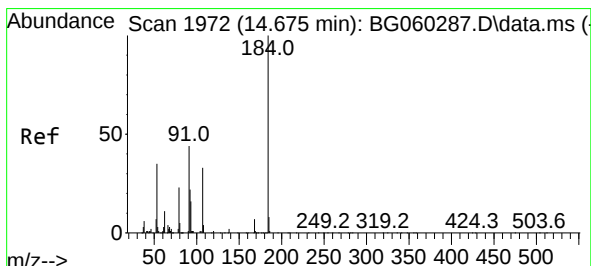
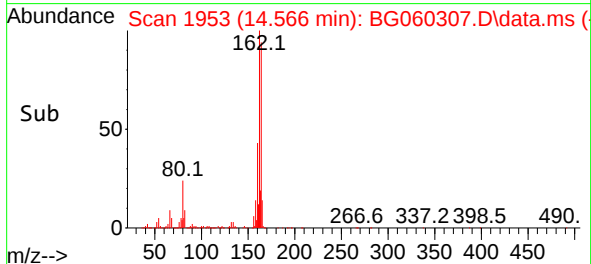
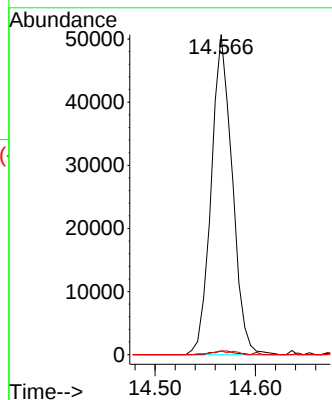
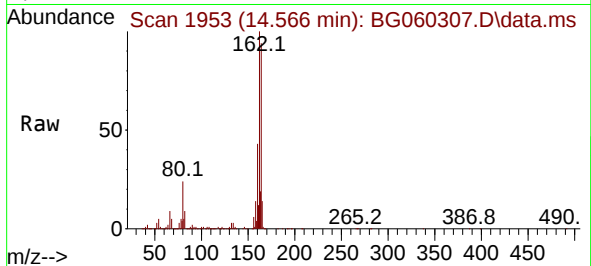




#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

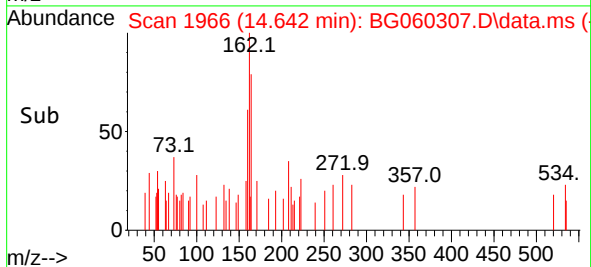
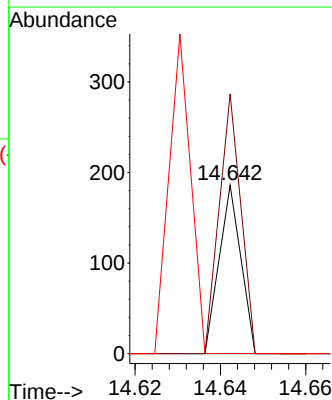
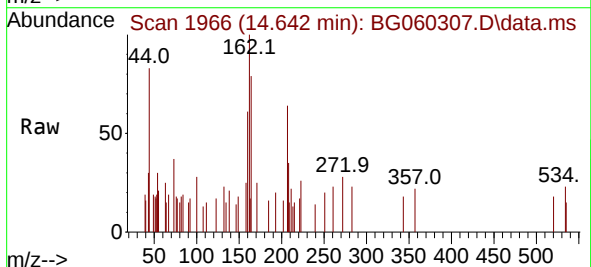
Instrument :
BNA_G
ClientSampleId :
PB158317TB

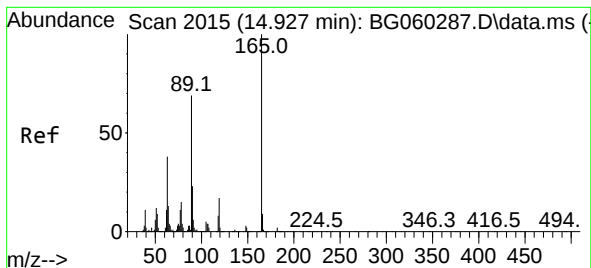
Tgt Ion:165 Resp: 73848
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.2 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.642 min Scan# 1966
Delta R.T. -0.033 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 154.3 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 6.123 ng

RT: 14.566 min Scan# 1953

Delta R.T. -0.361 min

Lab File: BG060307.D

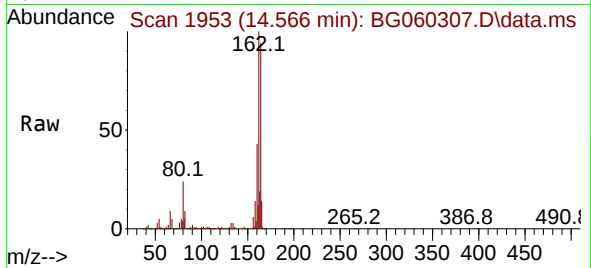
Acq: 11 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158317TB



Tgt Ion:165 Resp: 73848

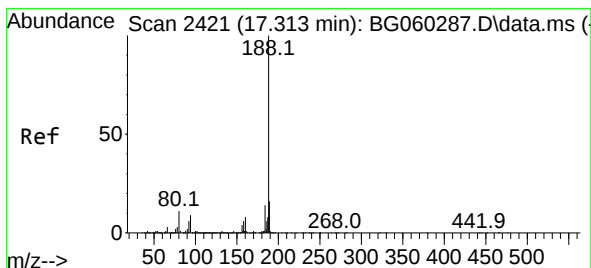
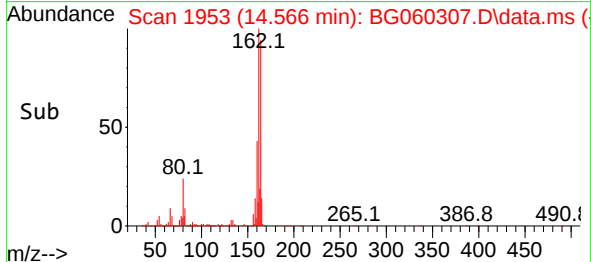
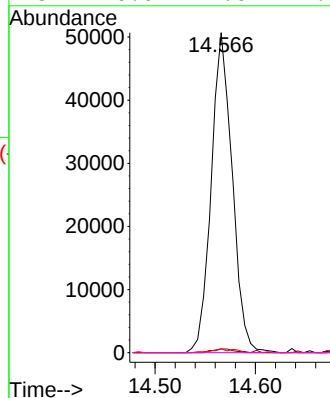
Ion Ratio Lower Upper

165 100

63 1.1 30.4 45.6#

89 1.2 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2421

Delta R.T. 0.003 min

Lab File: BG060307.D

Acq: 11 Jan 2024 13:08

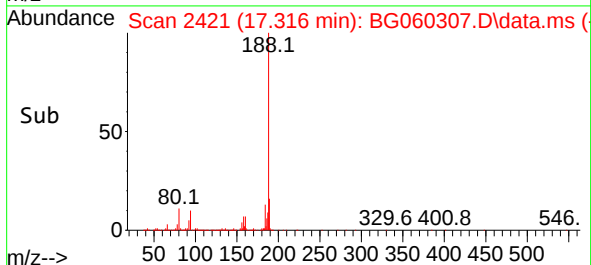
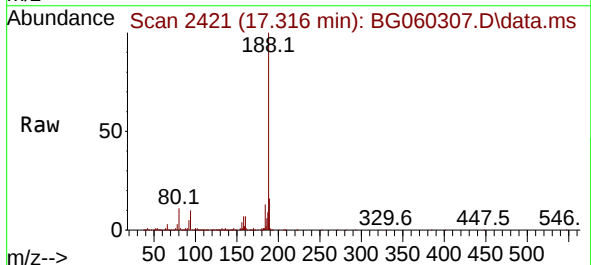
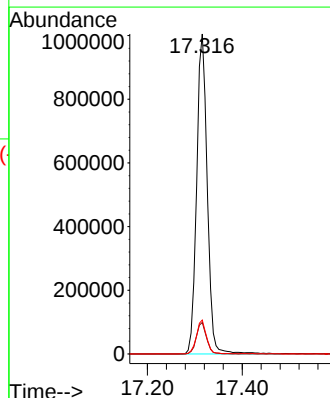
Tgt Ion:188 Resp: 1559779

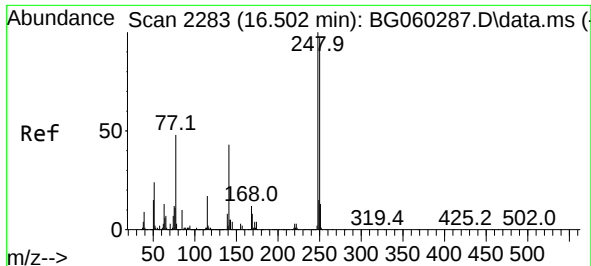
Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

80 10.6 8.5 12.7

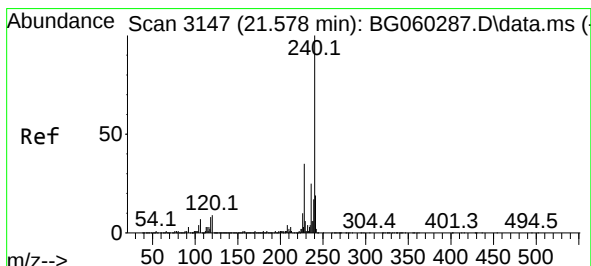
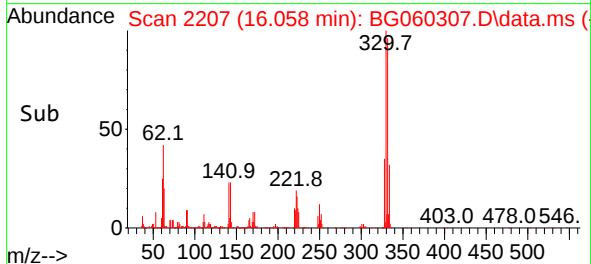
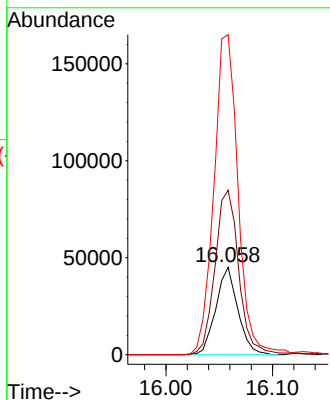
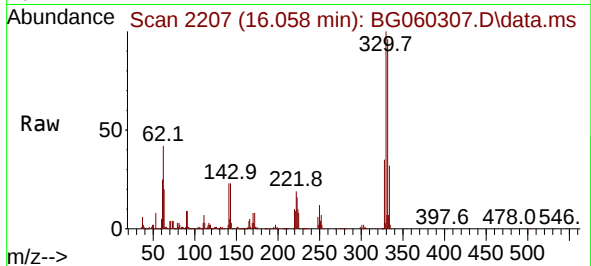




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

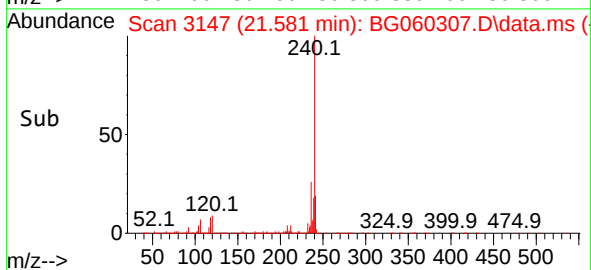
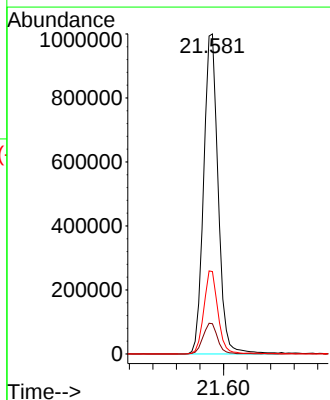
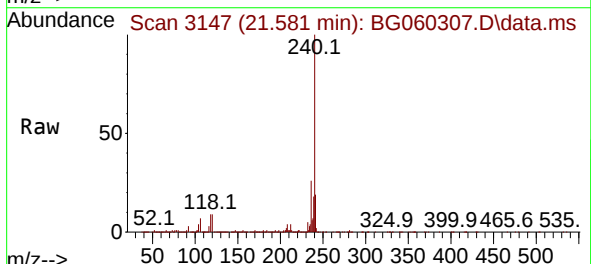
Instrument :
BNA_G
ClientSampleId :
PB158317TB

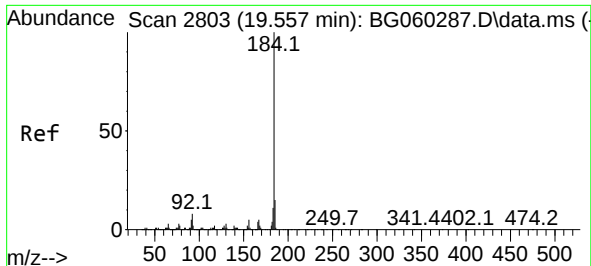
Tgt Ion:248 Resp: 64561
Ion Ratio Lower Upper
248 100
250 188.1 77.6 116.4#
141 365.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:240 Resp: 1704006
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.8 20.3 30.5

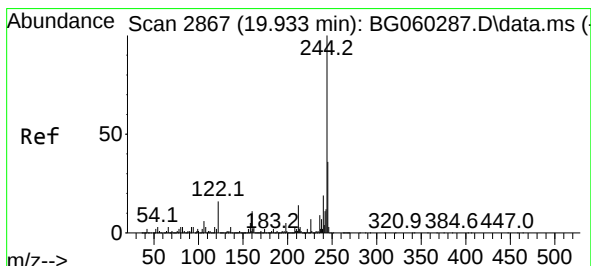
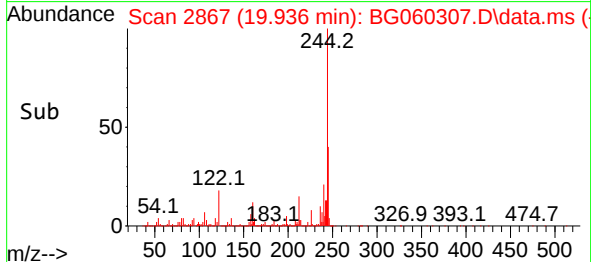
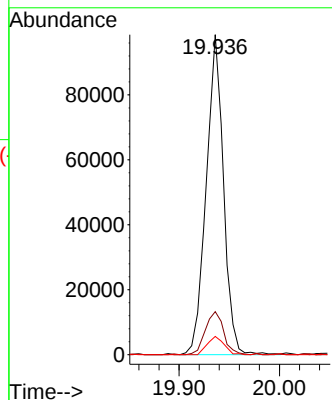
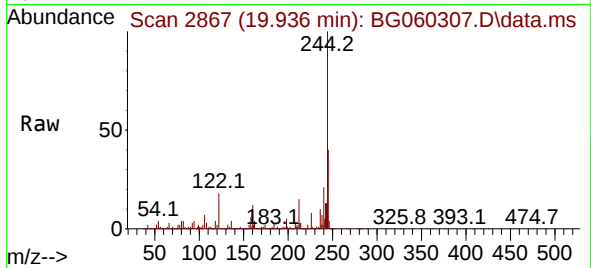




#77
Benzidine
Concen: 3.198 ng
RT: 19.936 min Scan# 2803
Delta R.T. 0.379 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

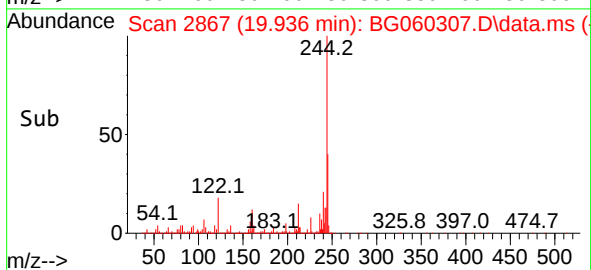
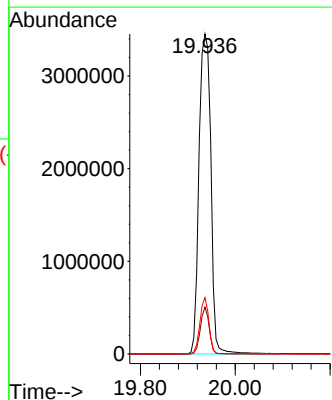
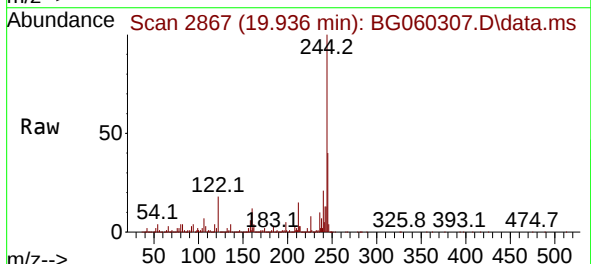
Instrument :
BNA_G
ClientSampleId :
PB158317TB

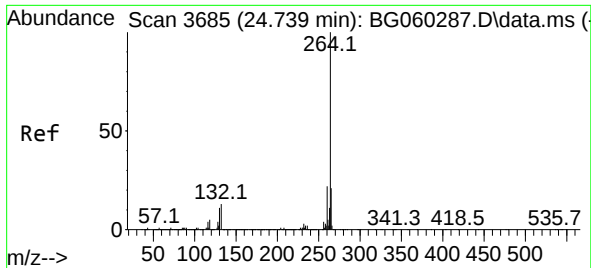
Tgt Ion:184 Resp: 118383
Ion Ratio Lower Upper
184 100
185 13.5 12.2 18.4
183 5.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 91.352 ng
RT: 19.936 min Scan# 2867
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:244 Resp: 6001939
Ion Ratio Lower Upper
244 100
212 14.6 10.9 16.3
122 17.6 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.748 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG060307.D
 Acq: 11 Jan 2024 13:08

Instrument :
 BNA_G
 ClientSampleId :
 PB158317TB

Tgt Ion:264 Resp: 1864066
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 22.3 16.8 25.2

