

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060407.D
 Acq On : 23 Jan 2024 17:17
 Operator : MA/JU
 Sample : P1219-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 222177

Quant Time: Jan 23 17:50:46 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)

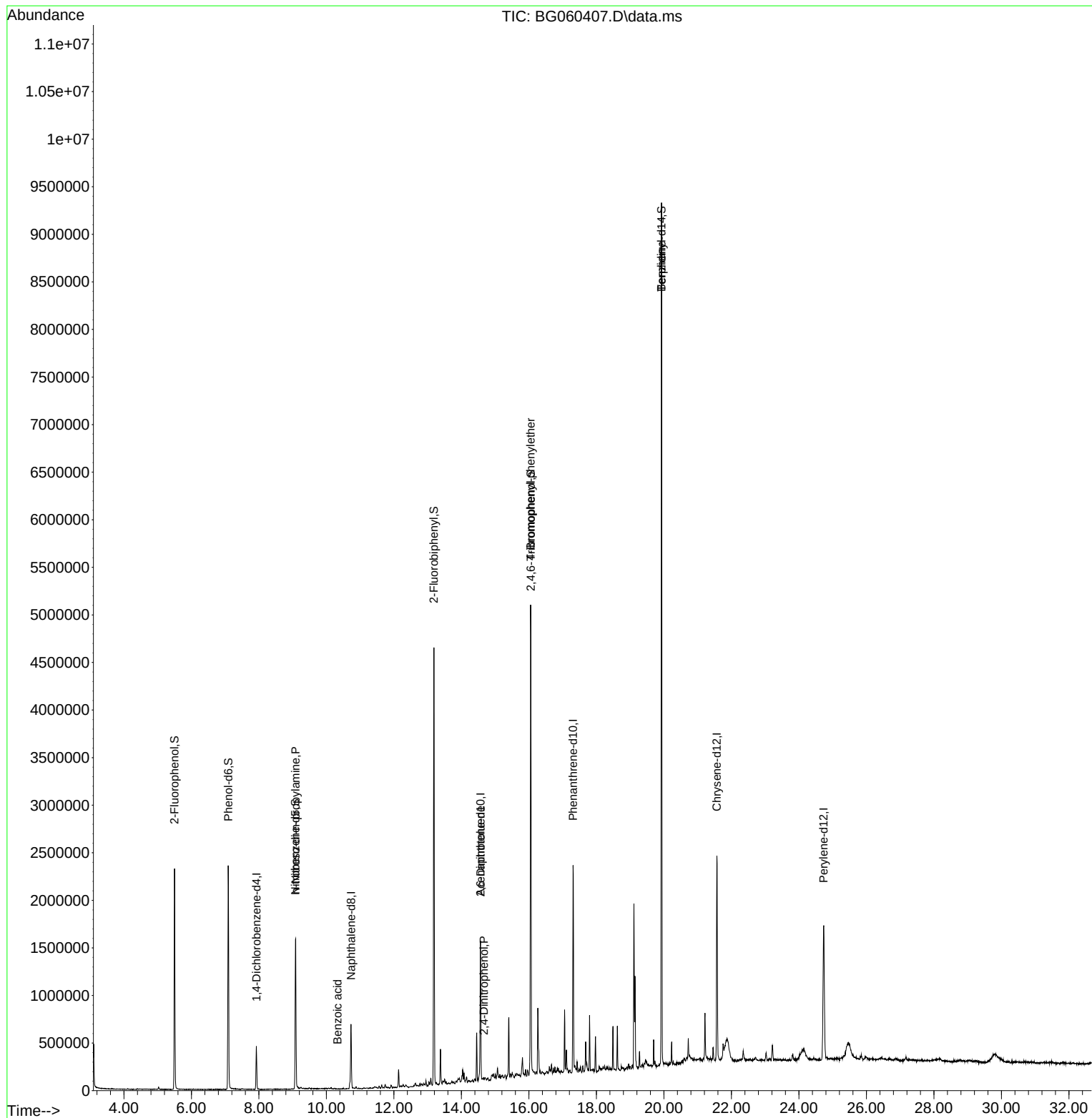
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	137927	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	602253	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	531836	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1481672	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1358138	20.000	ng	0.00
86) Perylene-d12	24.730	264	1575927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	1086543	129.571	ng	0.00
7) Phenol-d6	7.092	99	1594003	128.370	ng	0.00
23) Nitrobenzene-d5	9.084	82	1095137	85.865	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1129483	144.346	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	2599460	67.955	ng	0.00
79) Terphenyl-d14	19.930	244	4381258	79.359	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.089	70	136986	15.940	ng	# 84
32) Benzoic acid	10.329	122	149	10.221	ng	# 87
51) 2,6-Dinitrotoluene	14.565	165	76595	8.832	ng	# 33
54) 2,4-Dinitrophenol	14.665	184	59	8.597	ng	# 1
67) 4-Bromophenyl-phenylether	16.052	248	69708	4.282	ng	# 1
77) Benzidine	19.930	184	64757	2.195	ng	# 89

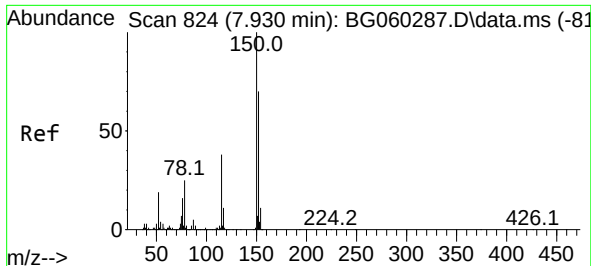
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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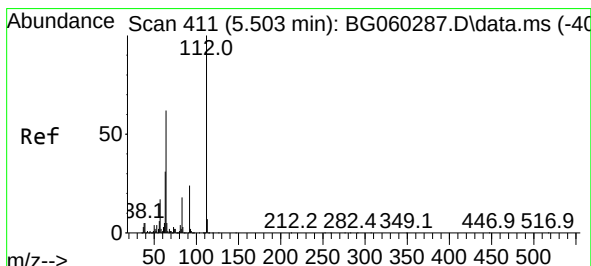
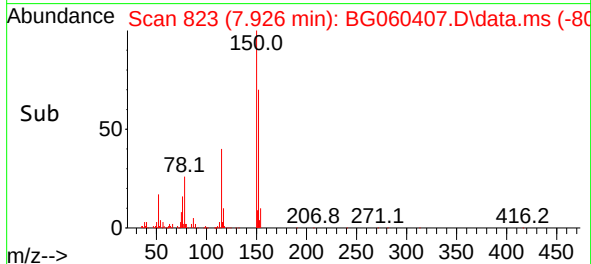
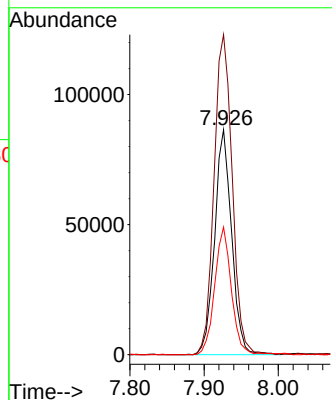
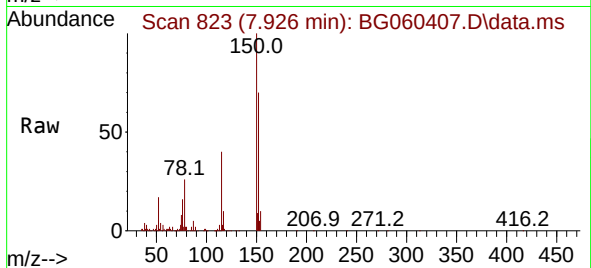




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

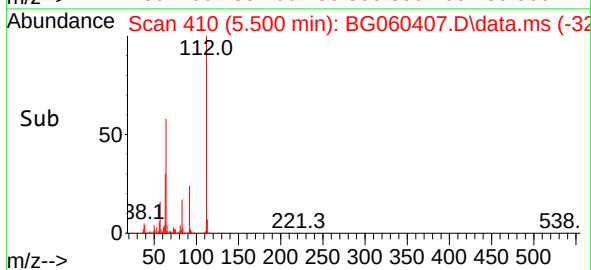
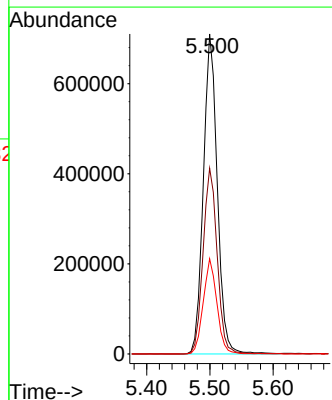
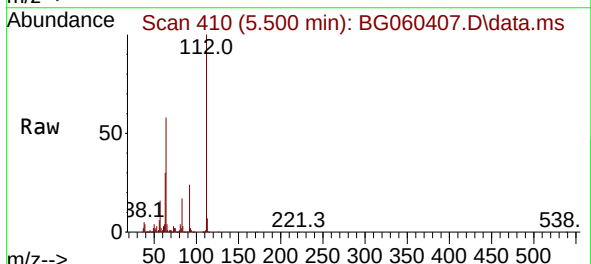
Instrument :
BNA_G
ClientSampleId :
222177

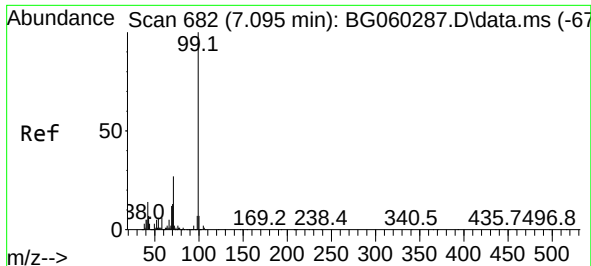
Tgt Ion:152 Resp: 137927
Ion Ratio Lower Upper
152 100
150 142.3 114.5 171.7
115 56.7 43.0 64.6



#5
2-Fluorophenol
Concen: 129.571 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:112 Resp: 1086543
Ion Ratio Lower Upper
112 100
64 58.0 49.8 74.6
63 29.7 24.4 36.6

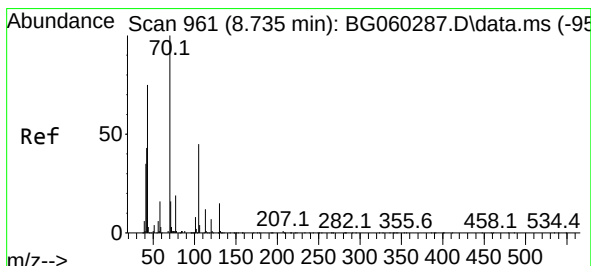
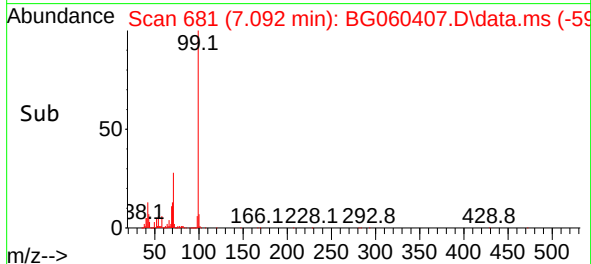
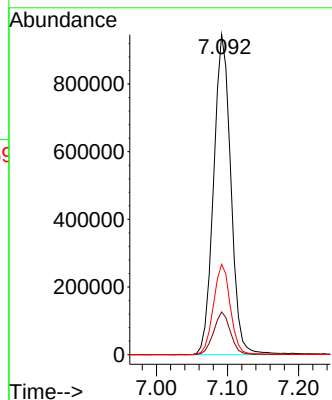
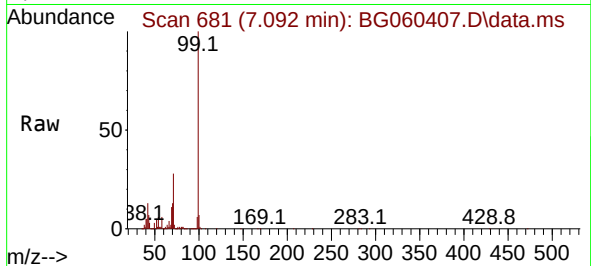




#7
Phenol-d6
Concen: 128.370 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

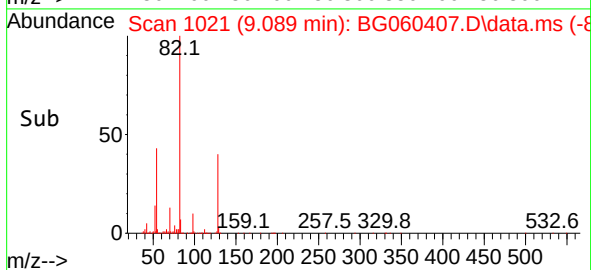
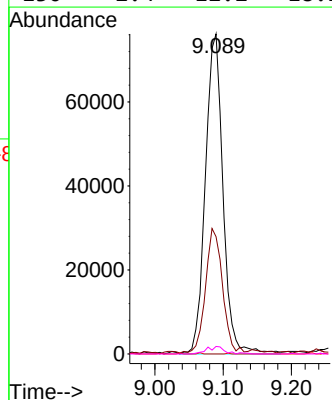
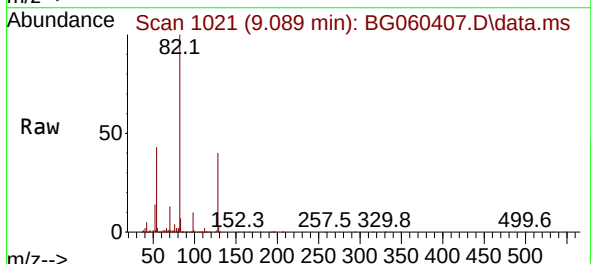
Instrument :
BNA_G
ClientSampleId :
222177

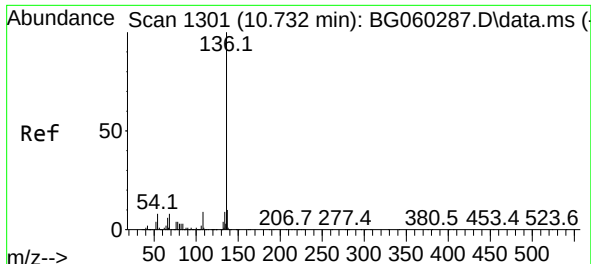
Tgt Ion: 99 Resp: 1594003
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.3 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.940 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion: 70 Resp: 136986
Ion Ratio Lower Upper
70 100
42 36.7 34.3 51.5
101 0.0 6.2 9.2#
130 2.4 12.2 18.2#



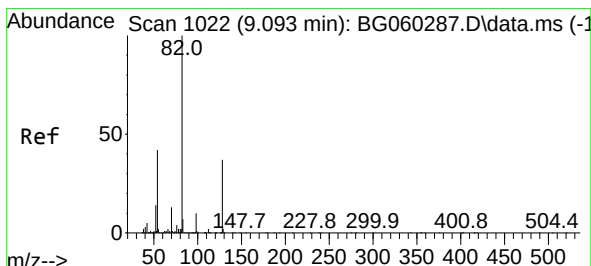
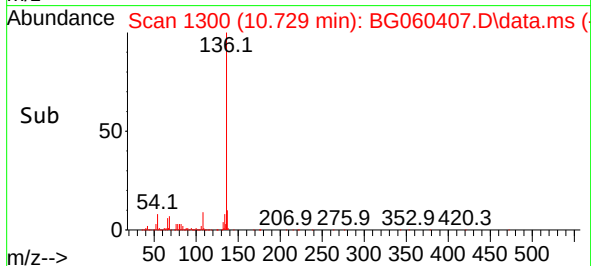
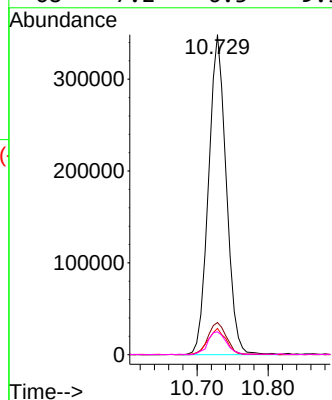
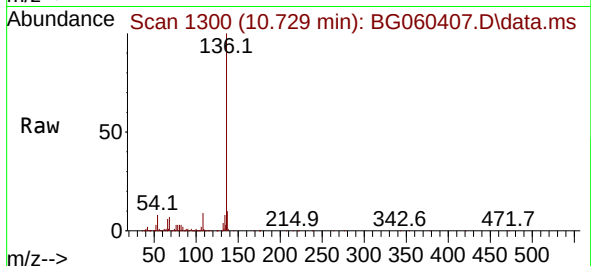


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Instrument :
BNA_G
ClientSampleId :
222177

Tgt Ion:136 Resp: 602253

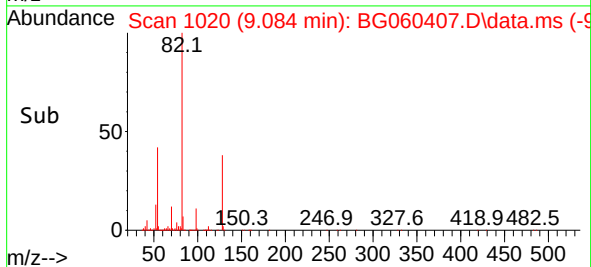
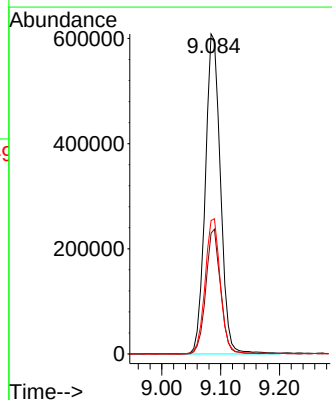
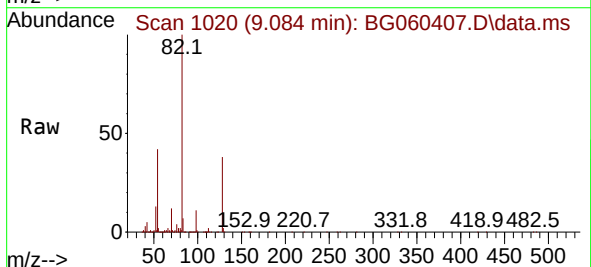
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.4
54	8.2	6.2	9.2
68	7.2	6.3	9.5

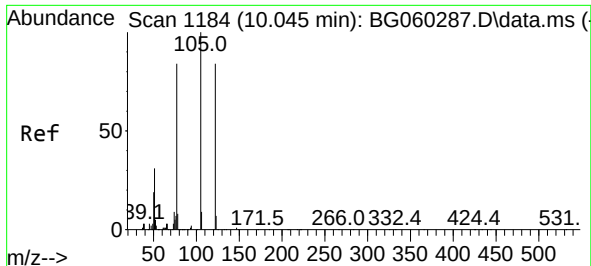


#23
Nitrobenzene-d5
Concen: 85.865 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion: 82 Resp: 1095137

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.6	44.4
54	41.7	33.6	50.4

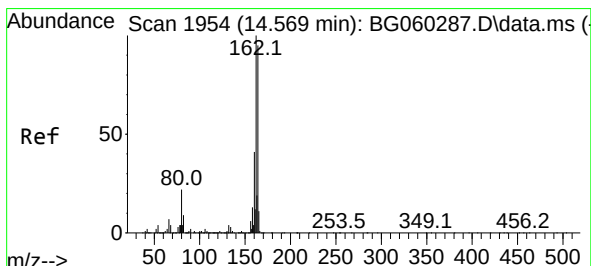
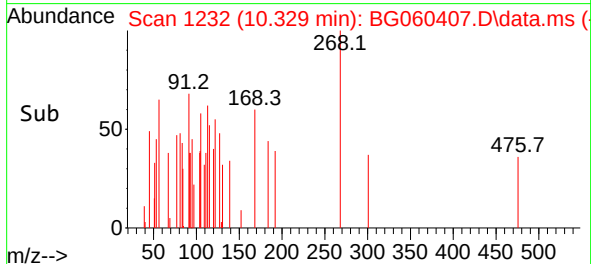
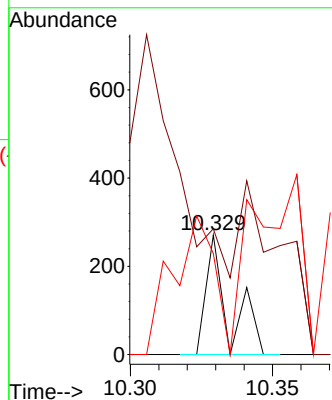
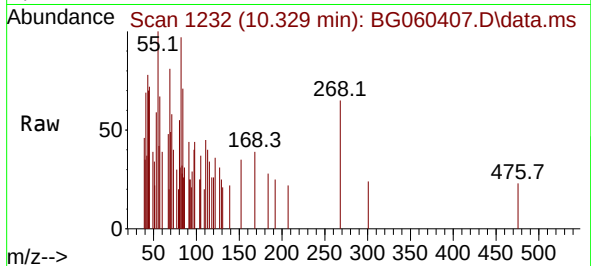




#32
Benzoic acid
Concen: 10.221 ng
RT: 10.329 min Scan# 1184
Delta R.T. 0.284 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

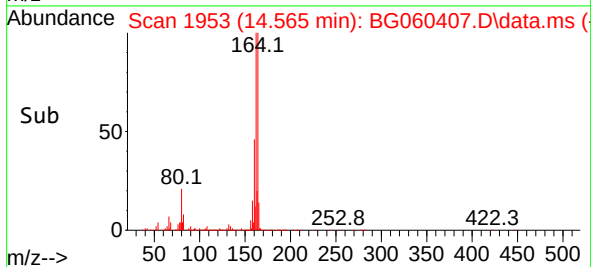
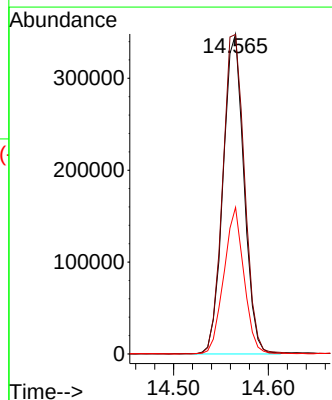
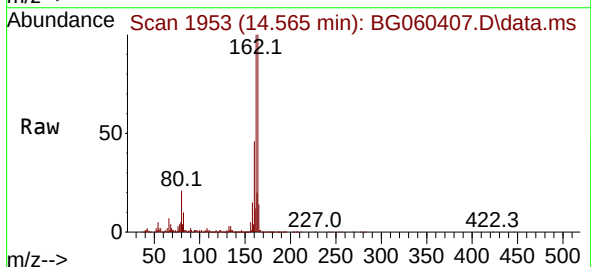
Instrument :
BNA_G
ClientSampleId :
222177

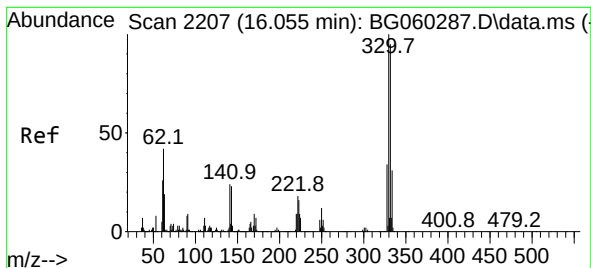
Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 105.2 96.0 136.0
77 84.5 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:164 Resp: 531836
Ion Ratio Lower Upper
164 100
162 99.9 84.4 126.6
160 45.8 34.6 52.0

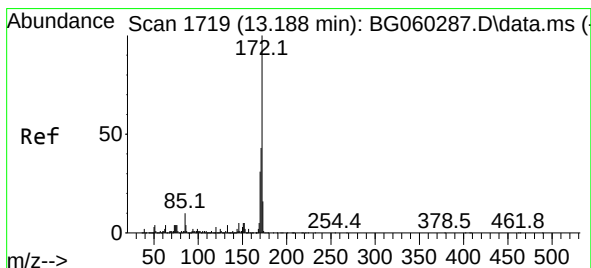
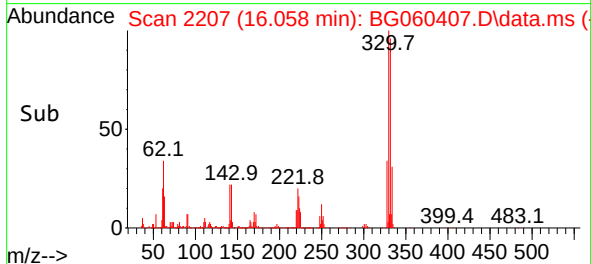
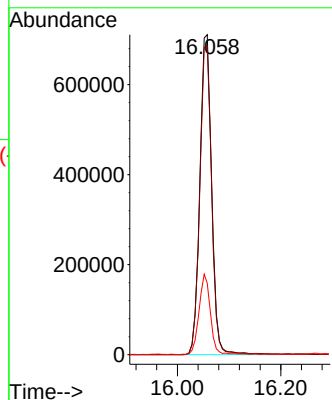
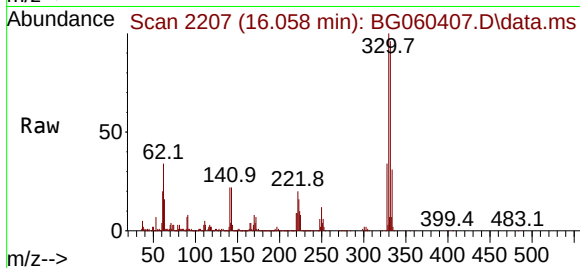




#42
2,4,6-Tribromophenol
Concen: 144.346 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

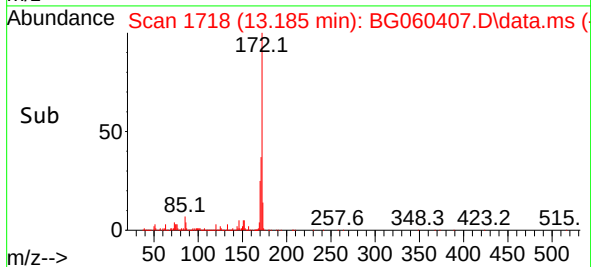
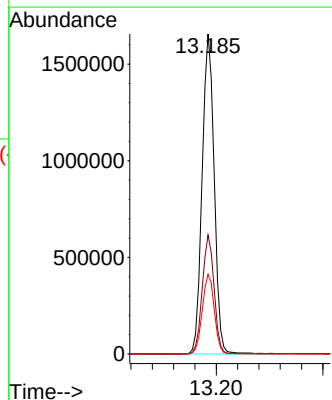
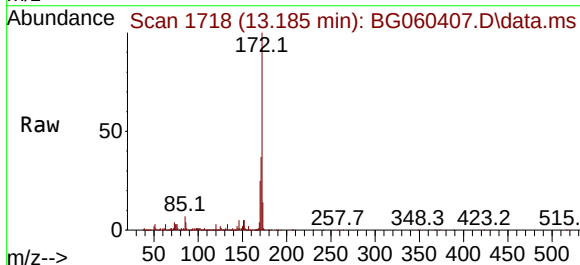
Instrument :
BNA_G
ClientSampleId :
222177

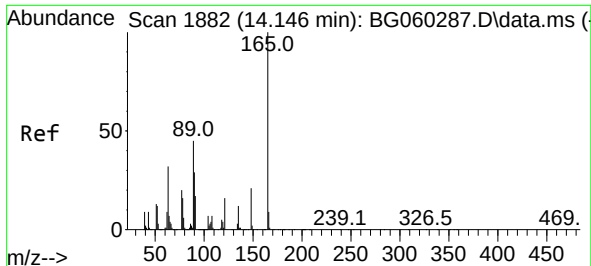
Tgt Ion:330 Resp: 1129483
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 67.955 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:172 Resp: 2599460
Ion Ratio Lower Upper
172 100
171 37.2 34.6 51.8
170 24.9 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.832 ng

RT: 14.565 min Scan# 1953

Delta R.T. 0.419 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

Instrument :

BNA_G

ClientSampleId :

222177

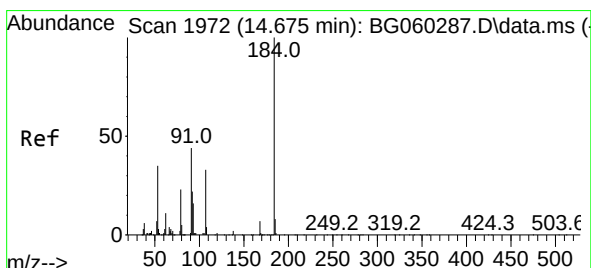
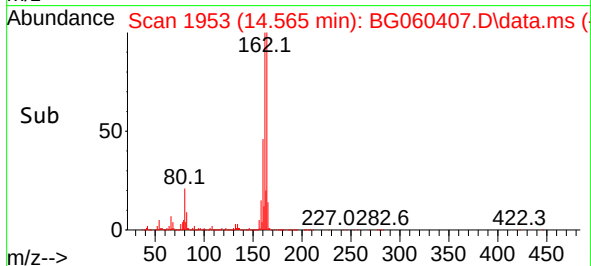
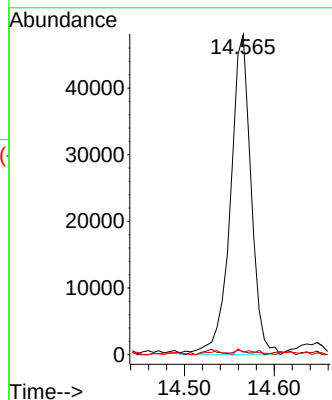
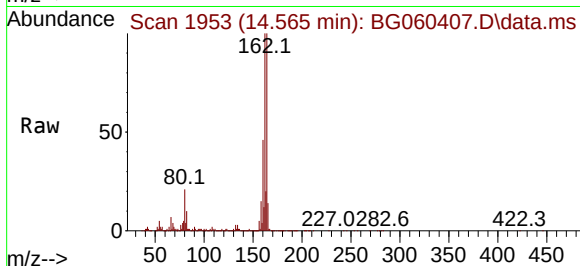
Tgt Ion:165 Resp: 76595

Ion Ratio Lower Upper

165 100

63 1.0 35.0 52.4#

89 0.8 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.597 ng

RT: 14.665 min Scan# 1970

Delta R.T. -0.010 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

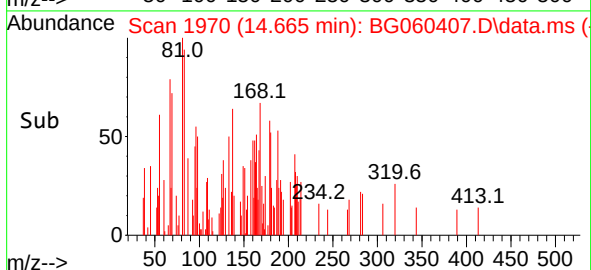
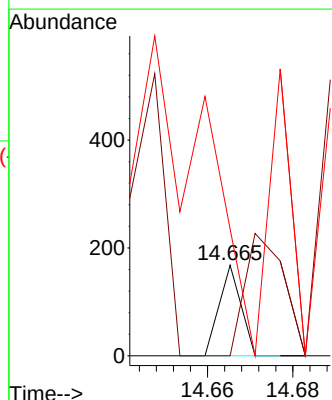
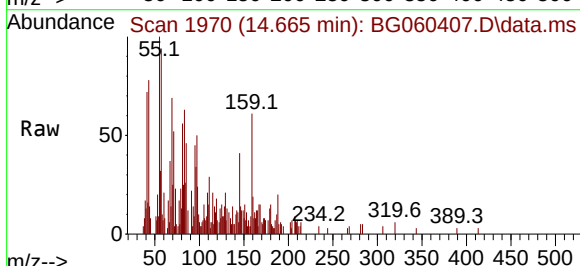
Tgt Ion:184 Resp: 59

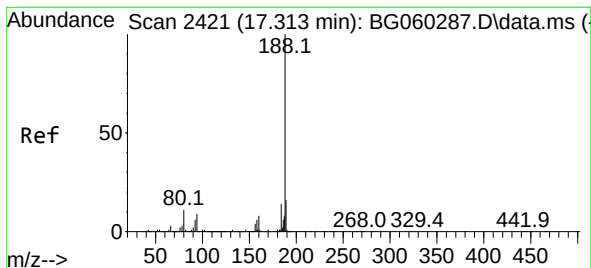
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 139.9 39.2 58.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

Instrument :

BNA_G

ClientSampleId :

222177

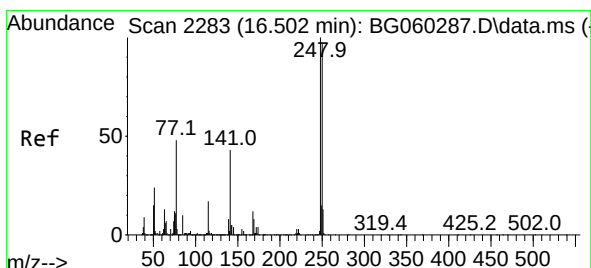
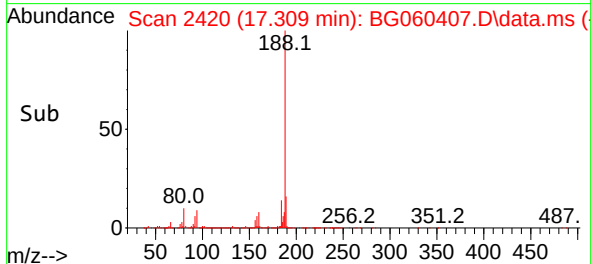
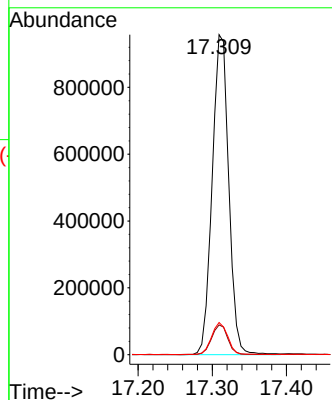
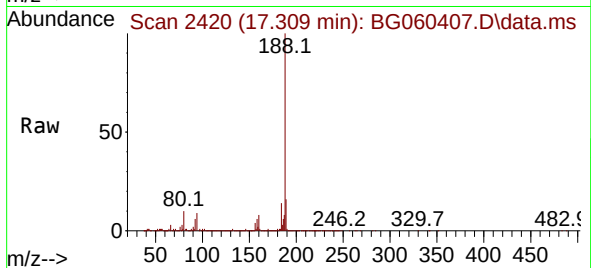
Tgt Ion:188 Resp: 1481672

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.0 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 4.282 ng

RT: 16.052 min Scan# 2206

Delta R.T. -0.450 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

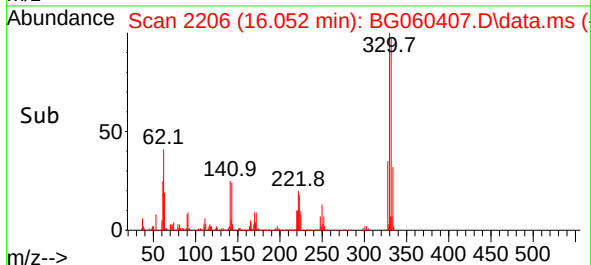
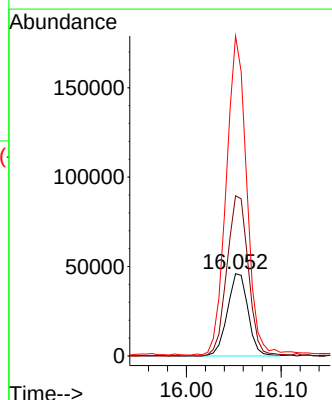
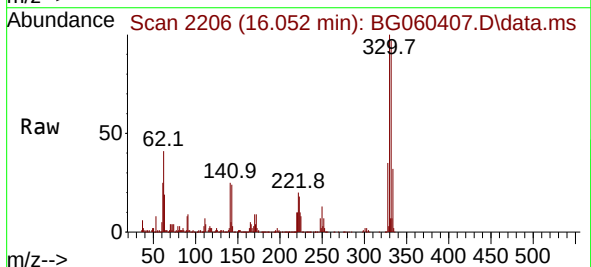
Tgt Ion:248 Resp: 69708

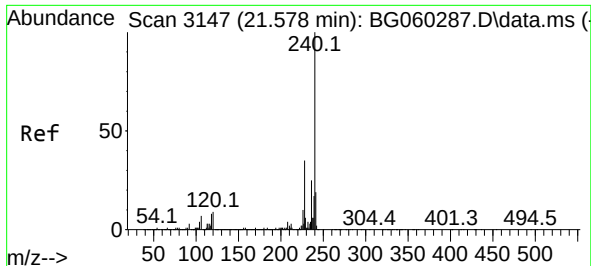
Ion Ratio Lower Upper

248 100

250 194.6 77.6 116.4#

141 389.0 34.2 51.4#

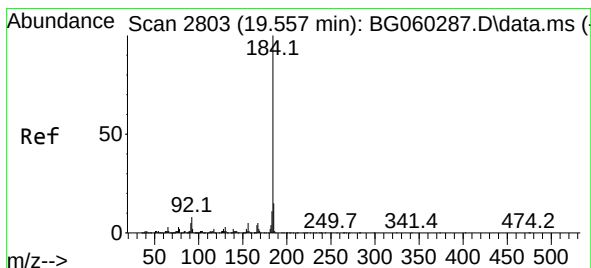
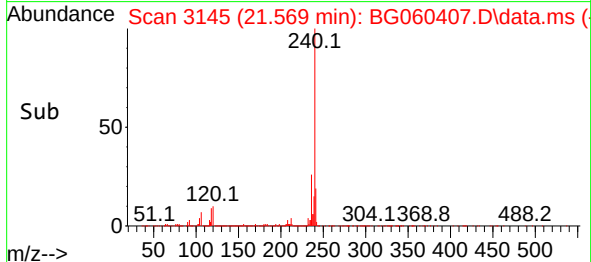
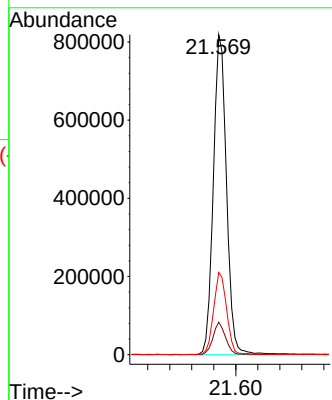
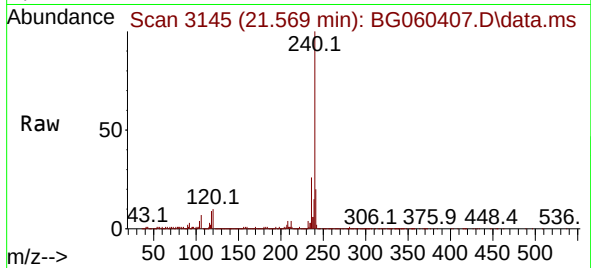




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

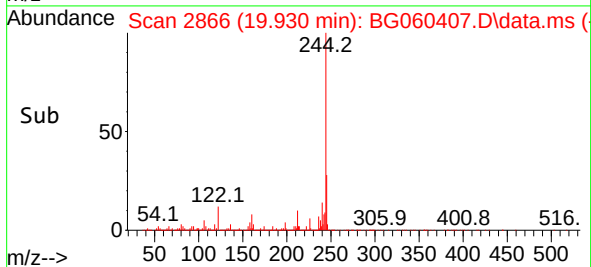
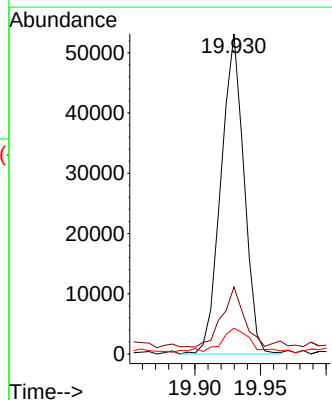
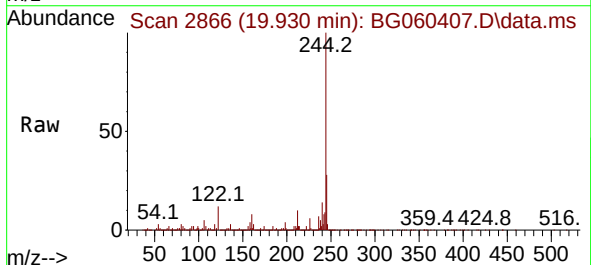
Instrument :
BNA_G
ClientSampleId :
222177

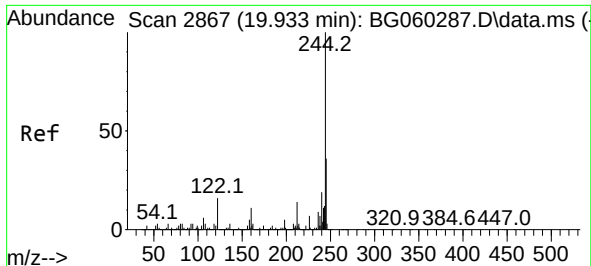
Tgt Ion:240 Resp: 1358138
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.195 ng
RT: 19.930 min Scan# 2866
Delta R.T. 0.373 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:184 Resp: 64757
Ion Ratio Lower Upper
184 100
185 20.9 12.2 18.4#
183 8.0 9.0 13.4#

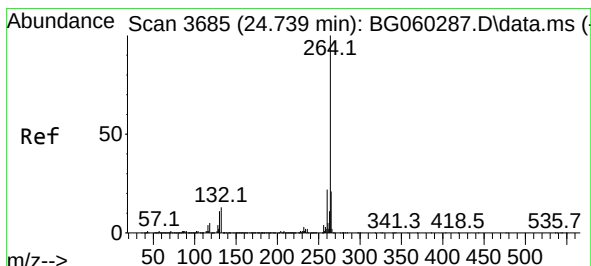
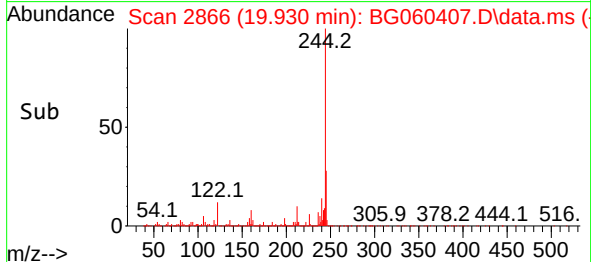
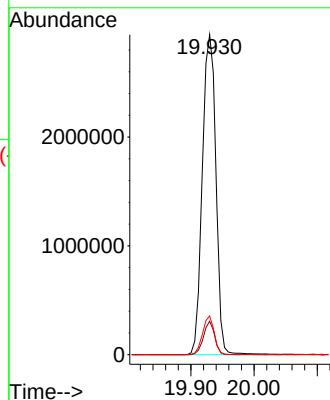
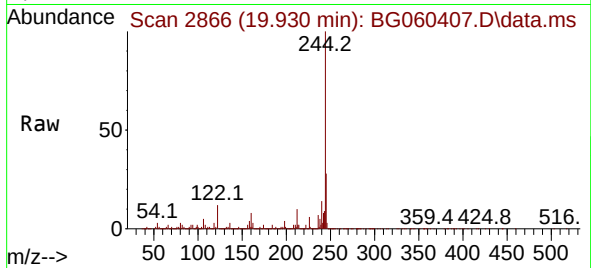




#79
 Terphenyl-d14
 Concen: 79.359 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060407.D
 Acq: 23 Jan 2024 17:17

Instrument :
 BNA_G
 ClientSampleId :
 222177

Tgt Ion:244 Resp: 4381258
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.9 16.3#
 122 12.1 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3683
 Delta R.T. -0.009 min
 Lab File: BG060407.D
 Acq: 23 Jan 2024 17:17

Tgt Ion:264 Resp: 1575927
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.5 16.8 25.2

