

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060048.D
 Acq On : 15 Dec 2023 23:57
 Operator : MA/JU
 Sample : 05803-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600572408-

Quant Time: Dec 16 02:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

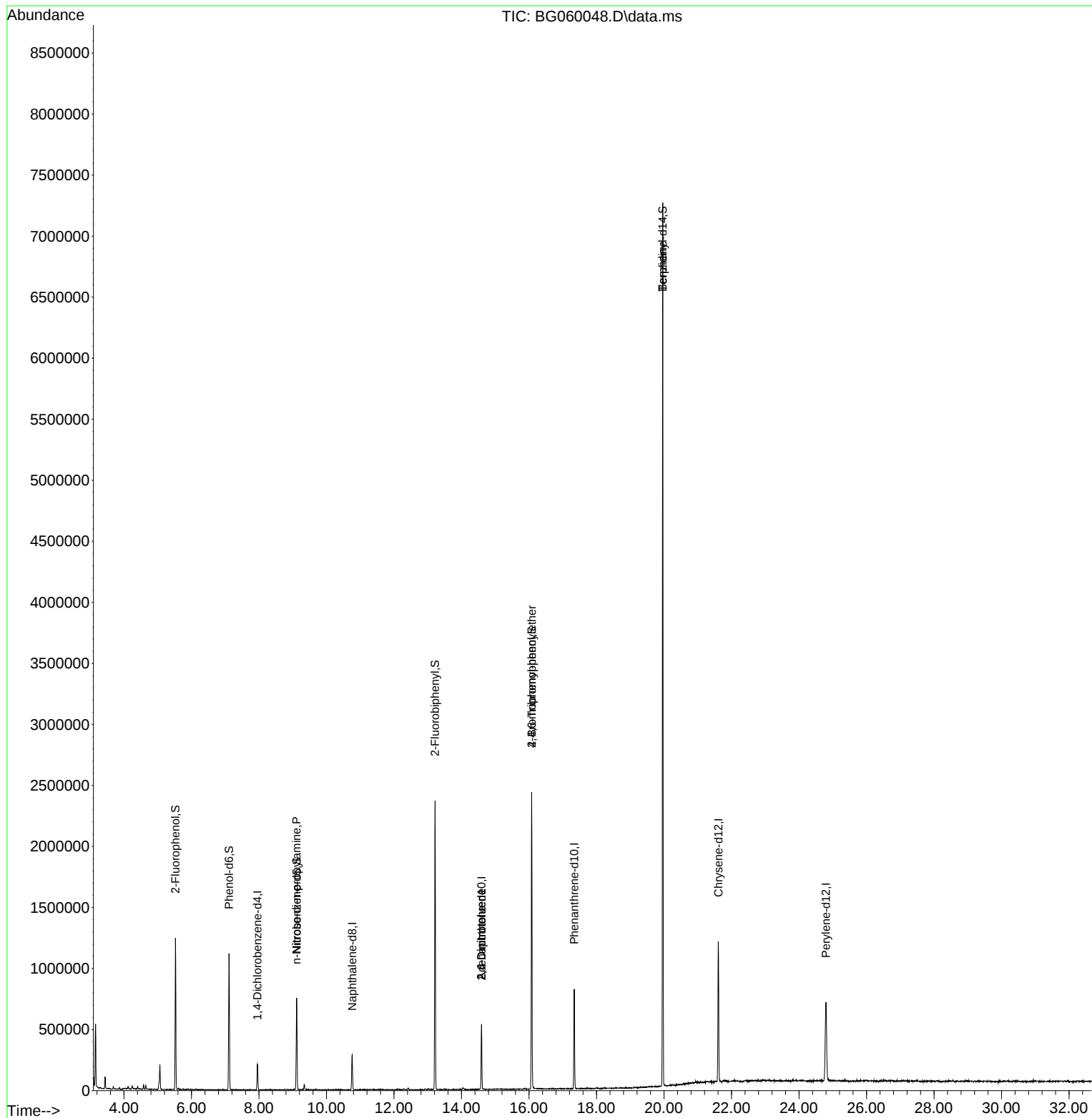
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	58374	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	220343	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	180102	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	576797	20.000	ng	# 0.00
76) Chrysene-d12	21.608	240	750454	20.000	ng	0.00
86) Perylene-d12	24.798	264	812554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	433382	127.092	ng	0.00
7) Phenol-d6	7.113	99	554105	115.518	ng	0.00
23) Nitrobenzene-d5	9.117	82	420244	86.604	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	566792	135.040	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1275744	86.694	ng	0.00
79) Terphenyl-d14	19.963	244	3729765	90.738	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.111	70	59924	19.363	ng	# 73
51) 2,6-Dinitrotoluene	14.593	165	24014	8.292	ng	# 25
57) 2,4-Dinitrotoluene	14.593	165	24014	5.899	ng	# 28
67) 4-Bromophenyl-phenylether	16.079	248	34487	4.238	ng	# 1
69) Atrazine	17.190	200	139	Below Cal		87
77) Benzidine	19.963	184	60632	6.290	ng	# 84

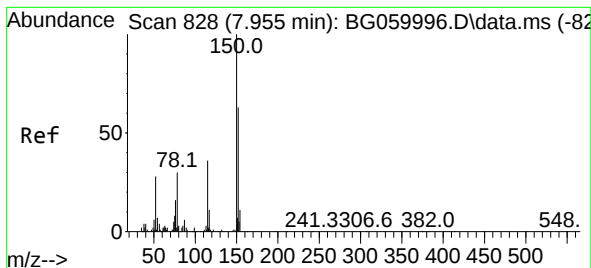
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060048.D
Acq On : 15 Dec 2023 23:57
Operator : MA/JU
Sample : 05803-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600572408-

Quant Time: Dec 16 02:08:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.953 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

Instrument :

BNA_G

ClientSampleId :

600572408-

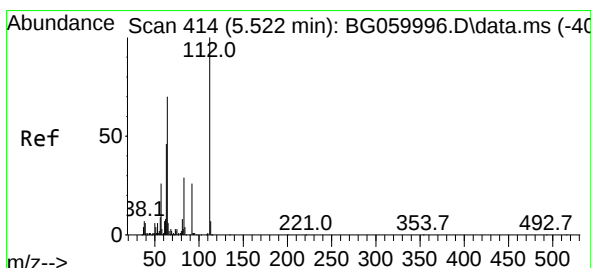
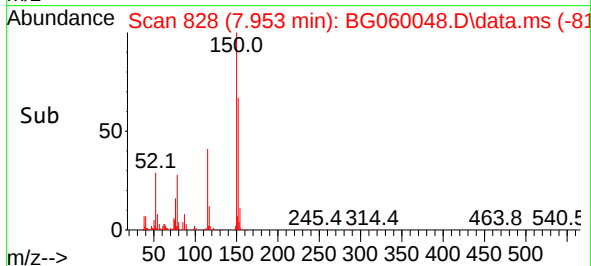
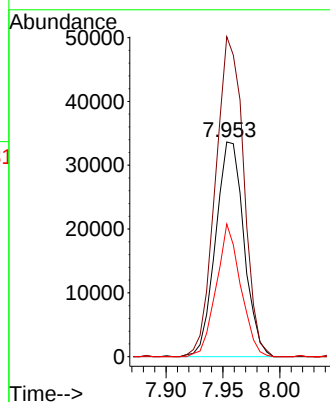
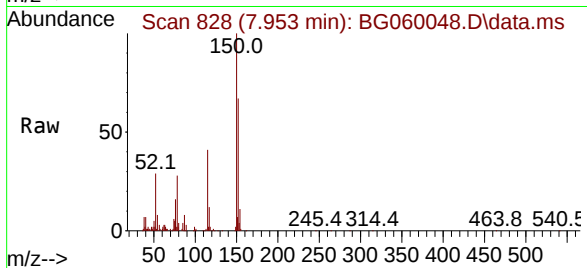
Tgt Ion:152 Resp: 58374

Ion Ratio Lower Upper

152 100

150 149.1 127.0 190.6

115 61.8 45.7 68.5



#5

2-Fluorophenol

Concen: 127.092 ng

RT: 5.527 min Scan# 415

Delta R.T. 0.005 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

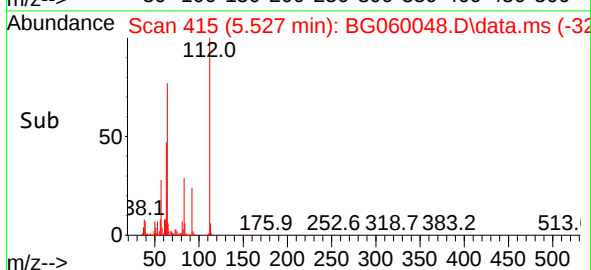
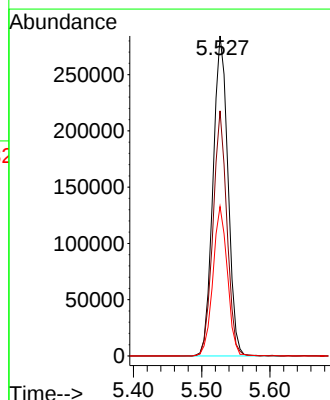
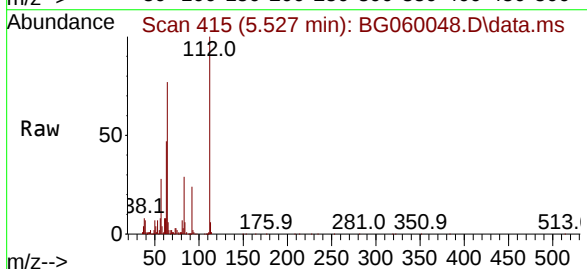
Tgt Ion:112 Resp: 433382

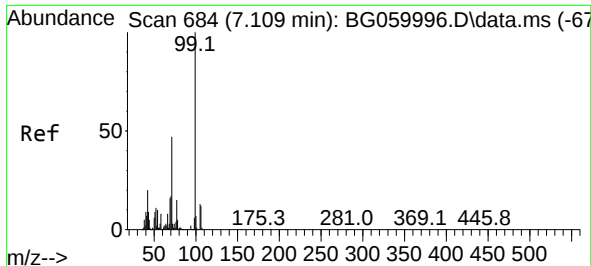
Ion Ratio Lower Upper

112 100

64 76.6 55.9 83.9

63 46.7 36.5 54.7

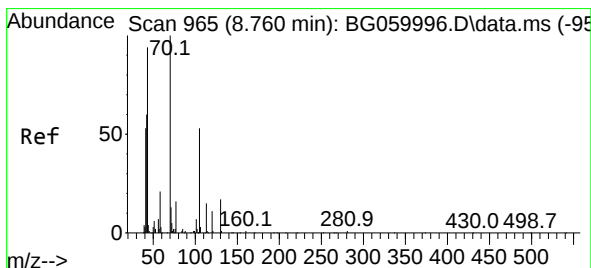
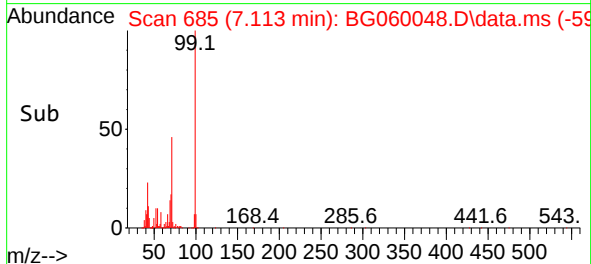
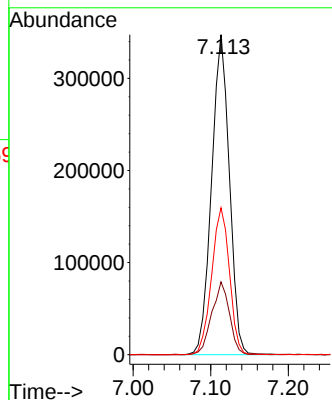
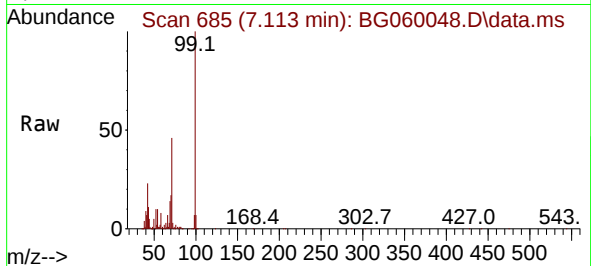




#7
Phenol-d6
Concen: 115.518 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

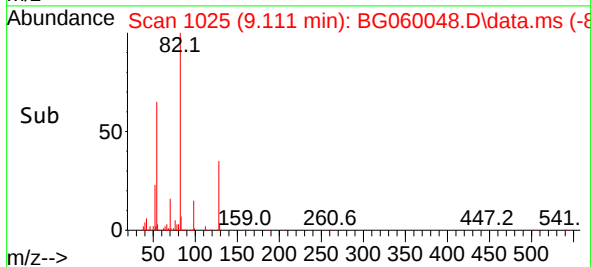
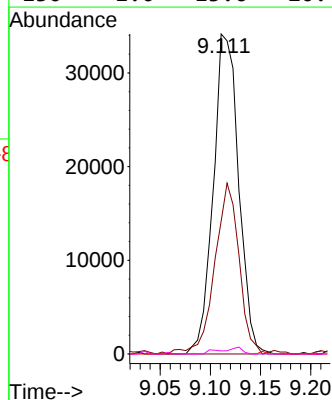
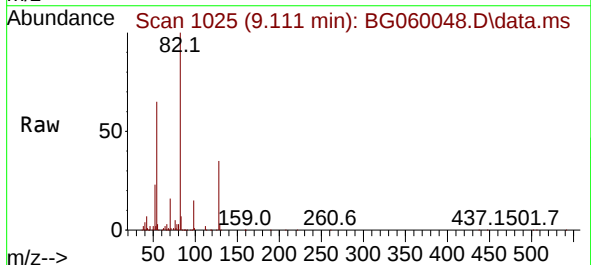
Instrument :
BNA_G
ClientSampleId :
600572408-

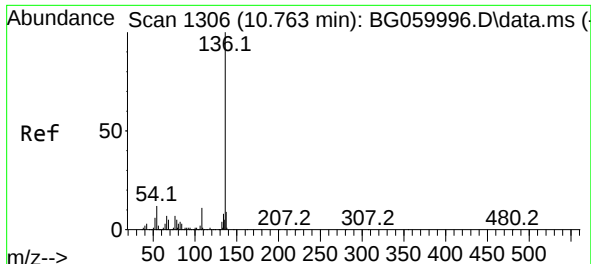
Tgt Ion: 99 Resp: 554105
Ion Ratio Lower Upper
99 100
42 22.8 16.2 24.4
71 45.9 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.363 ng
RT: 9.111 min Scan# 1025
Delta R.T. 0.351 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion: 70 Resp: 59924
Ion Ratio Lower Upper
70 100
42 41.5 48.6 73.0#
101 0.0 5.7 8.5#
130 1.0 13.6 20.4#

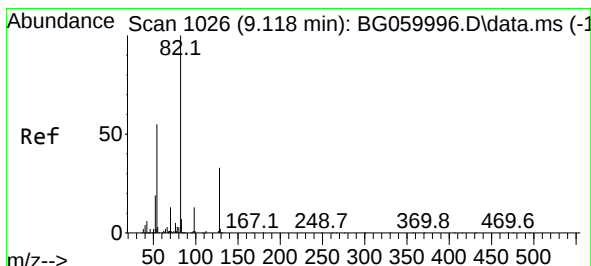
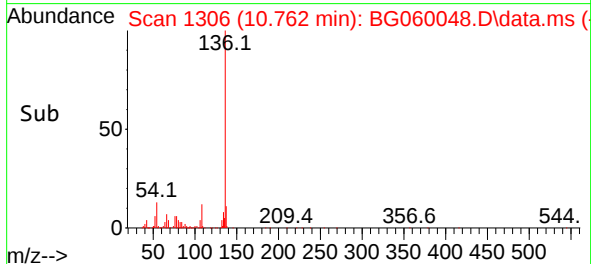
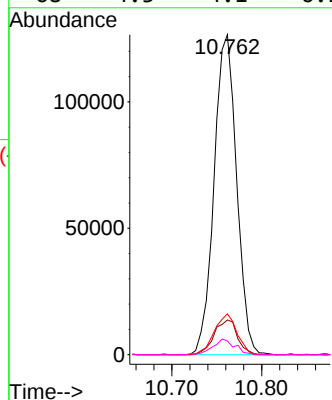
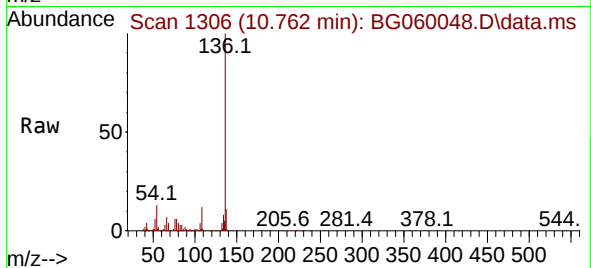




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

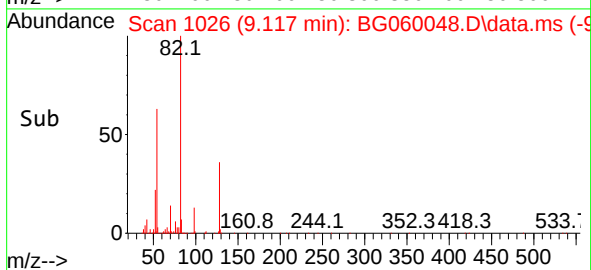
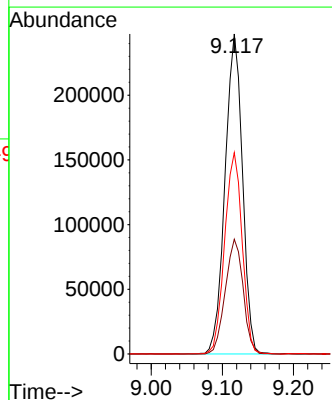
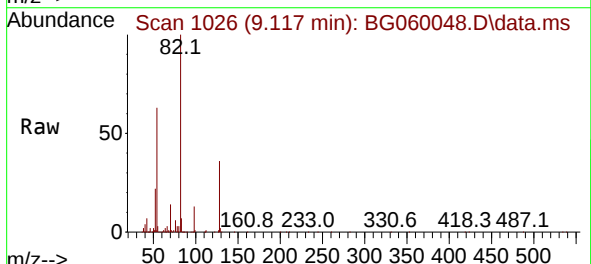
Instrument :
BNA_G
ClientSampleId :
600572408-

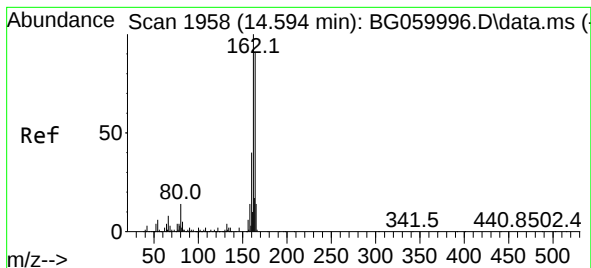
Tgt Ion:	136	Resp:	220343
Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.3	10.9
54	12.8	9.6	14.4
68	4.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.604 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:	82	Resp:	420244
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.3	39.5
54	62.9	44.3	66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.593 min Scan# 1958

Delta R.T. -0.002 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

Instrument :

BNA_G

ClientSampleId :

600572408-

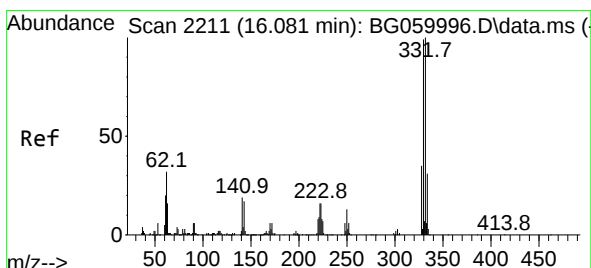
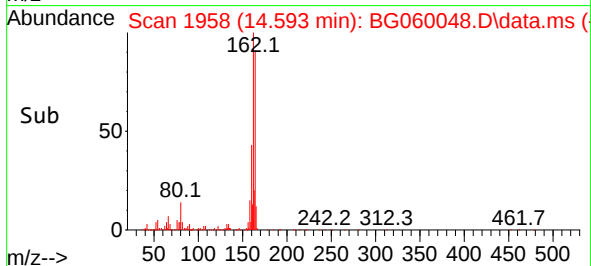
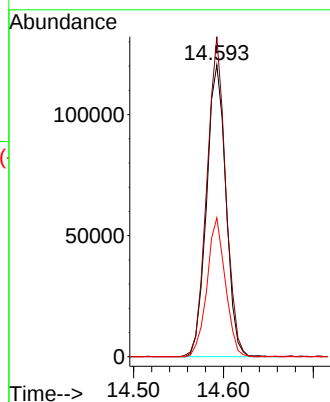
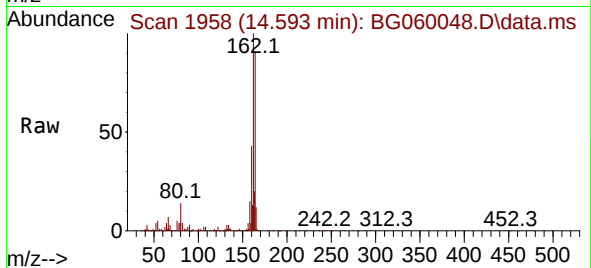
Tgt Ion:164 Resp: 180102

Ion Ratio Lower Upper

164 100

162 109.6 88.1 132.1

160 47.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 135.040 ng

RT: 16.079 min Scan# 2211

Delta R.T. -0.002 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

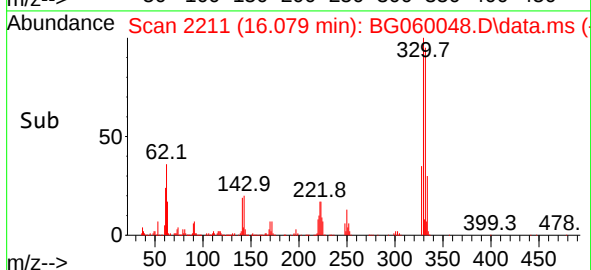
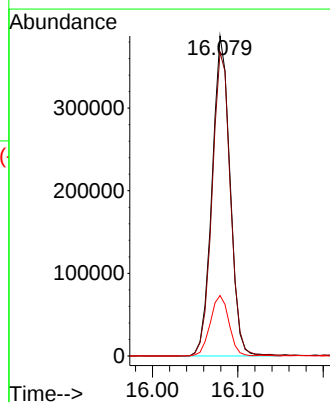
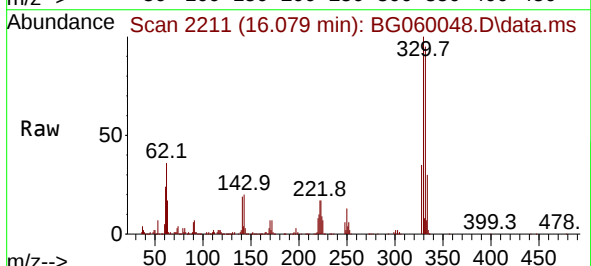
Tgt Ion:330 Resp: 566792

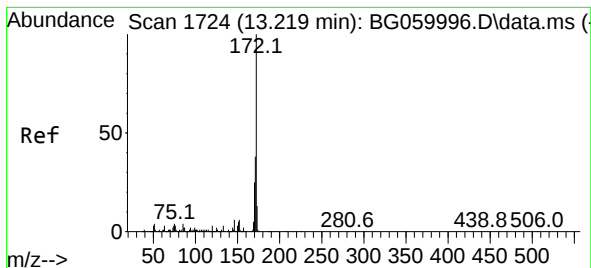
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 19.6 14.3 21.5

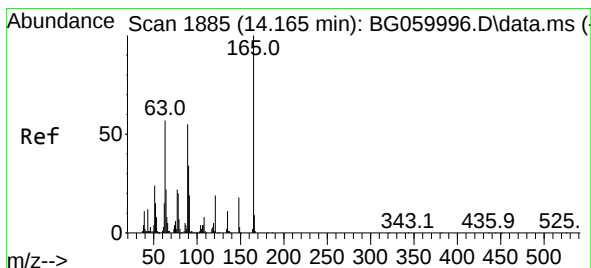
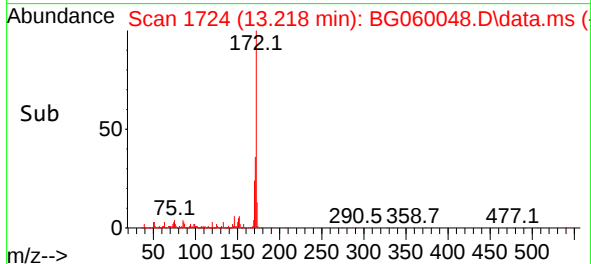
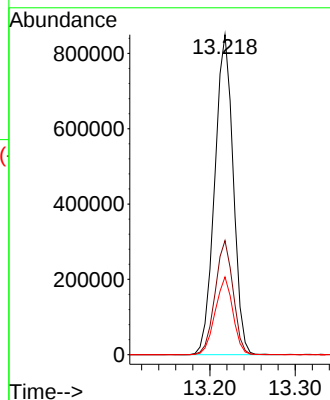
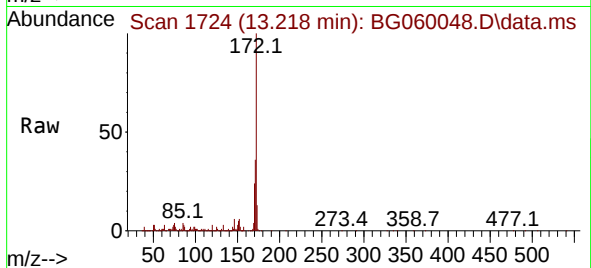




#45
2-Fluorobiphenyl
Concen: 86.694 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

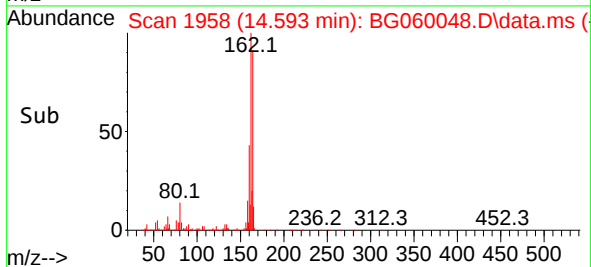
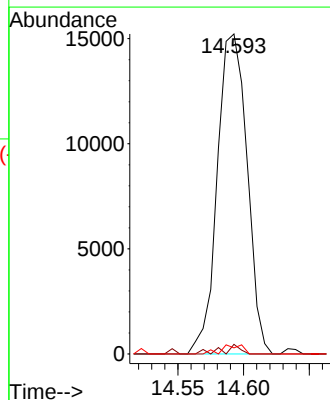
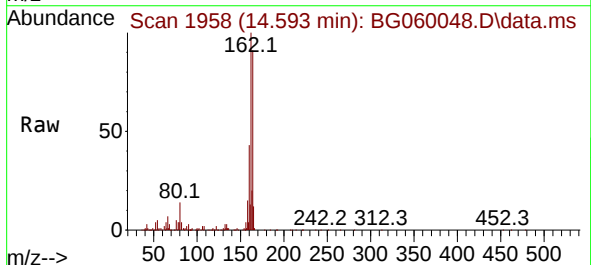
Instrument :
BNA_G
ClientSampleId :
600572408-

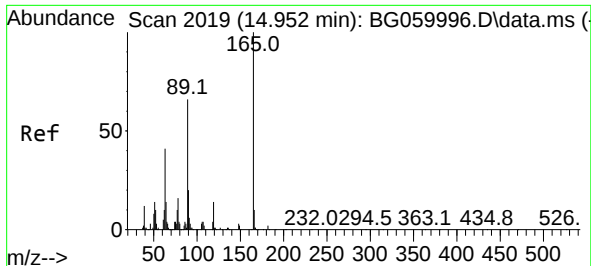
Tgt Ion:172 Resp: 1275744
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 24.3 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.292 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.427 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:165 Resp: 24014
Ion Ratio Lower Upper
165 100
63 3.0 48.2 72.2#
89 1.9 44.4 66.6#

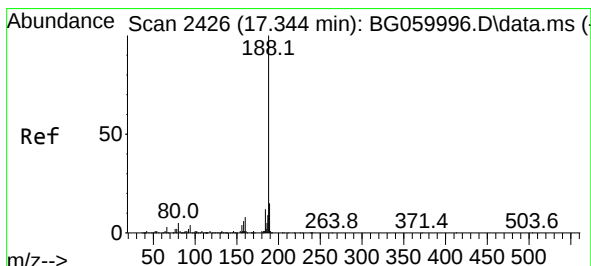
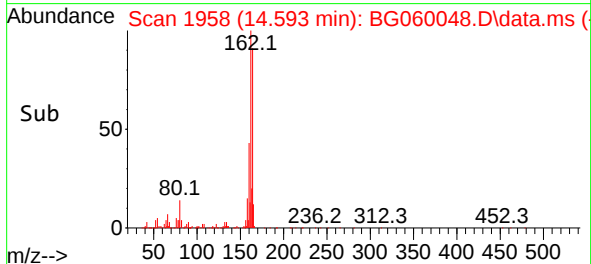
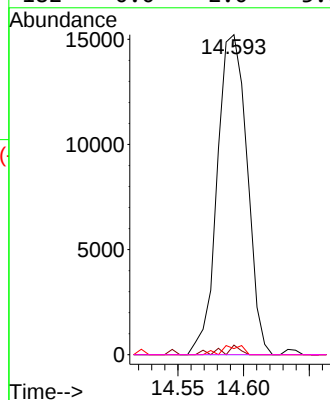
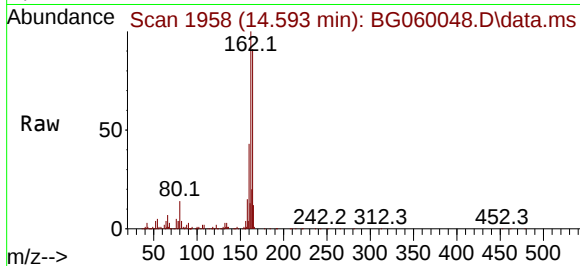




#57
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.360 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

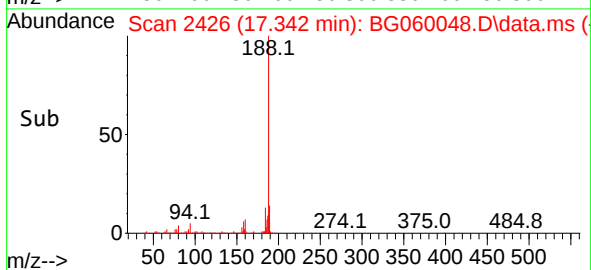
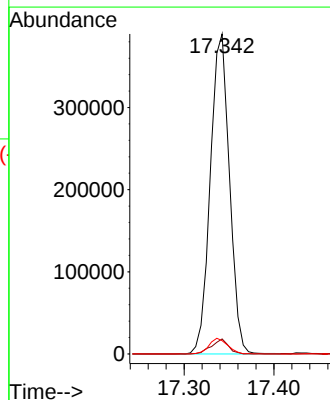
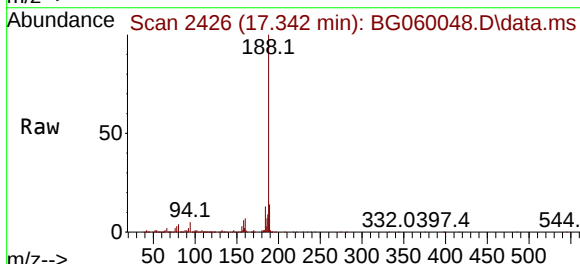
Instrument :
BNA_G
ClientSampleId :
600572408-

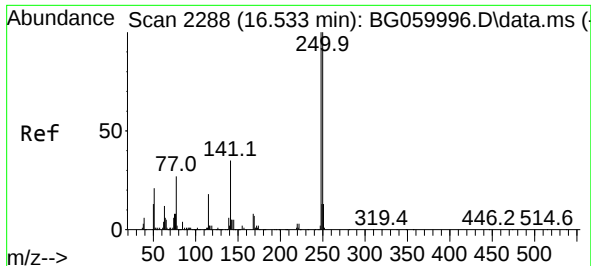
Tgt Ion:165 Resp: 24014
Ion Ratio Lower Upper
165 100
63 3.0 32.8 49.2#
89 1.9 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:188 Resp: 576797
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.6#
80 4.2 4.0 6.0

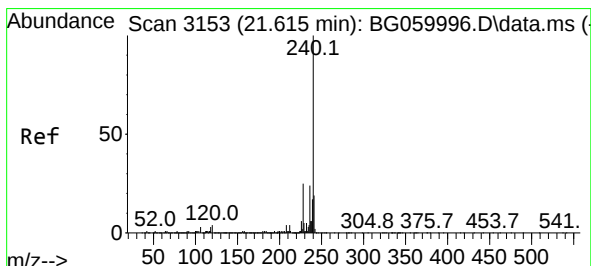
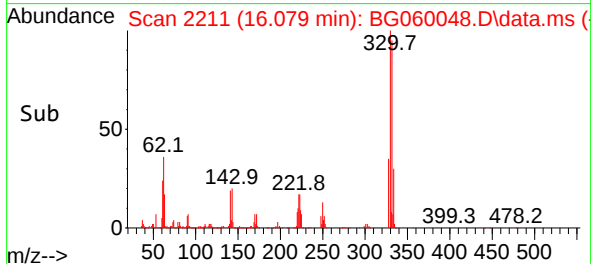
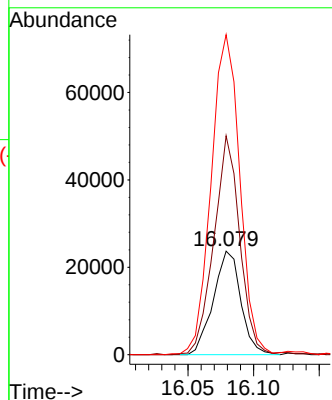
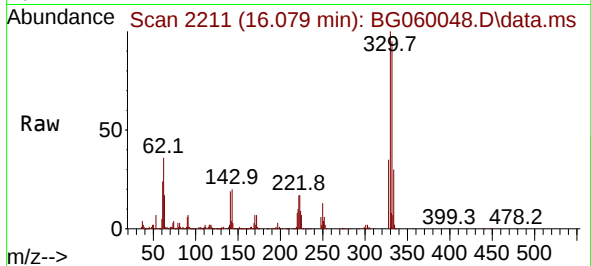




#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 16.079 min Scan# 211
Delta R.T. -0.454 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

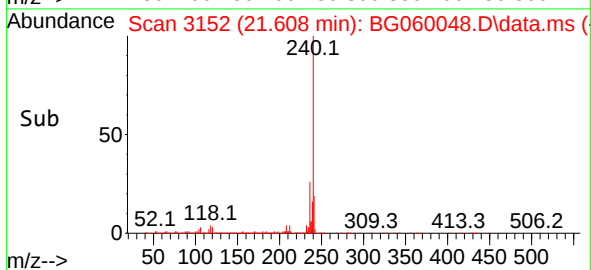
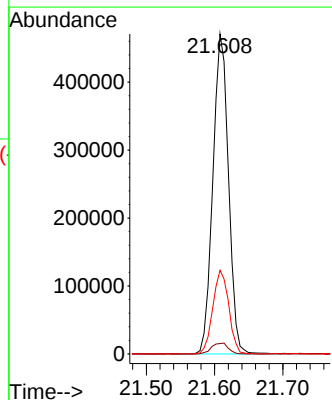
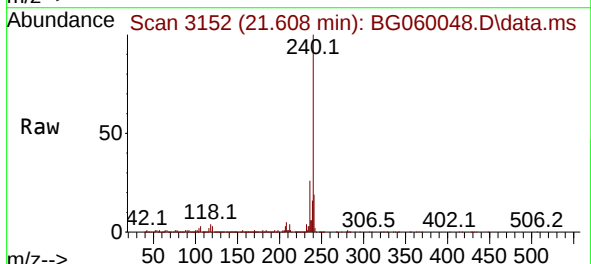
Instrument :
BNA_G
ClientSampleId :
600572408-

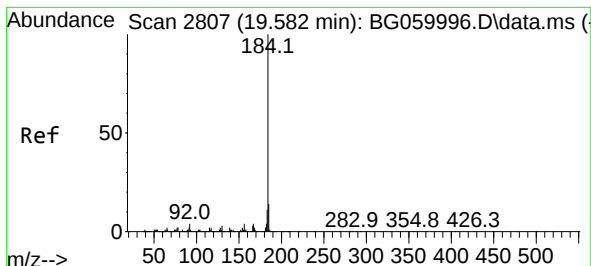
Tgt Ion:248 Resp: 34487
Ion Ratio Lower Upper
248 100
250 211.4 79.9 119.9#
141 309.2 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:240 Resp: 750454
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 26.2 19.4 29.2





#77

Benzidine

Concen: 6.290 ng

RT: 19.963 min Scan# 2872

Delta R.T. 0.380 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

Instrument :

BNA_G

ClientSampleId :

600572408-

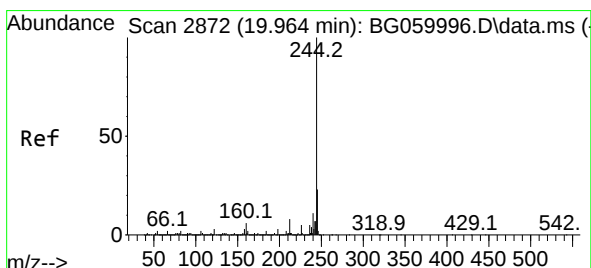
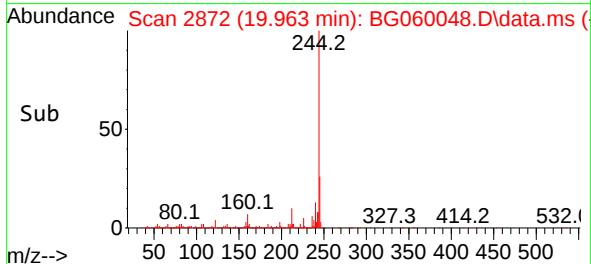
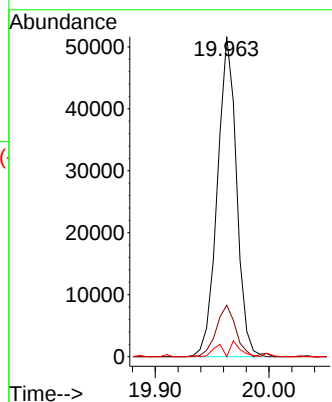
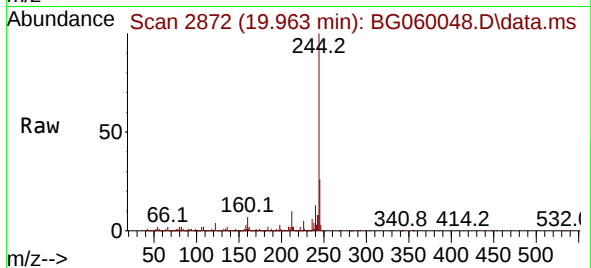
Tgt Ion:184 Resp: 60632

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

183 0.0 9.0 13.4#



#79

Terphenyl-d14

Concen: 90.738 ng

RT: 19.963 min Scan# 2872

Delta R.T. -0.002 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

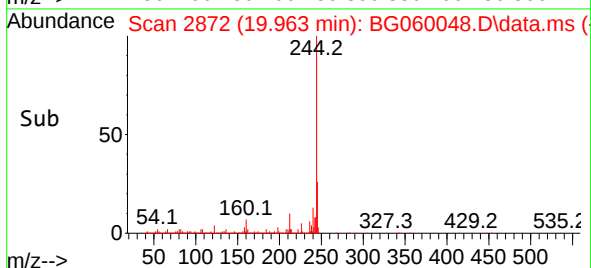
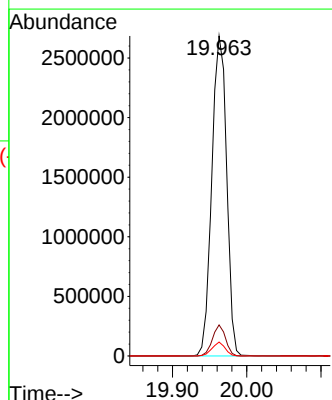
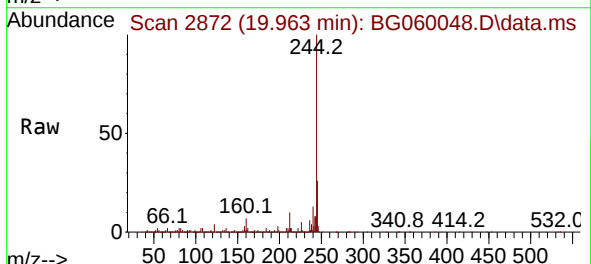
Tgt Ion:244 Resp: 3729765

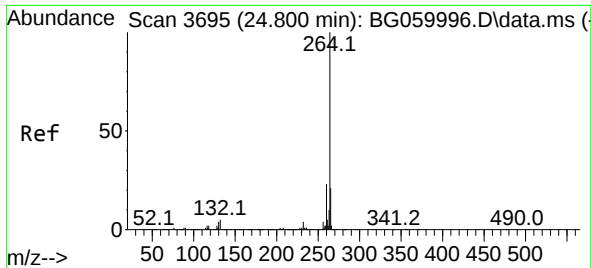
Ion Ratio Lower Upper

244 100

212 9.7 6.8 10.2

122 4.4 2.6 3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060048.D
 Acq: 15 Dec 2023 23:57

Instrument :
 BNA_G
 ClientSampleId :
 600572408-

Tgt Ion:264 Resp: 812554
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.5 27.7
 265 21.2 17.3 25.9

