

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060011.D
 Acq On : 14 Dec 2023 13:29
 Operator : MA/JU
 Sample : PB157682TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157682TB

Quant Time: Dec 14 14:41:02 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)

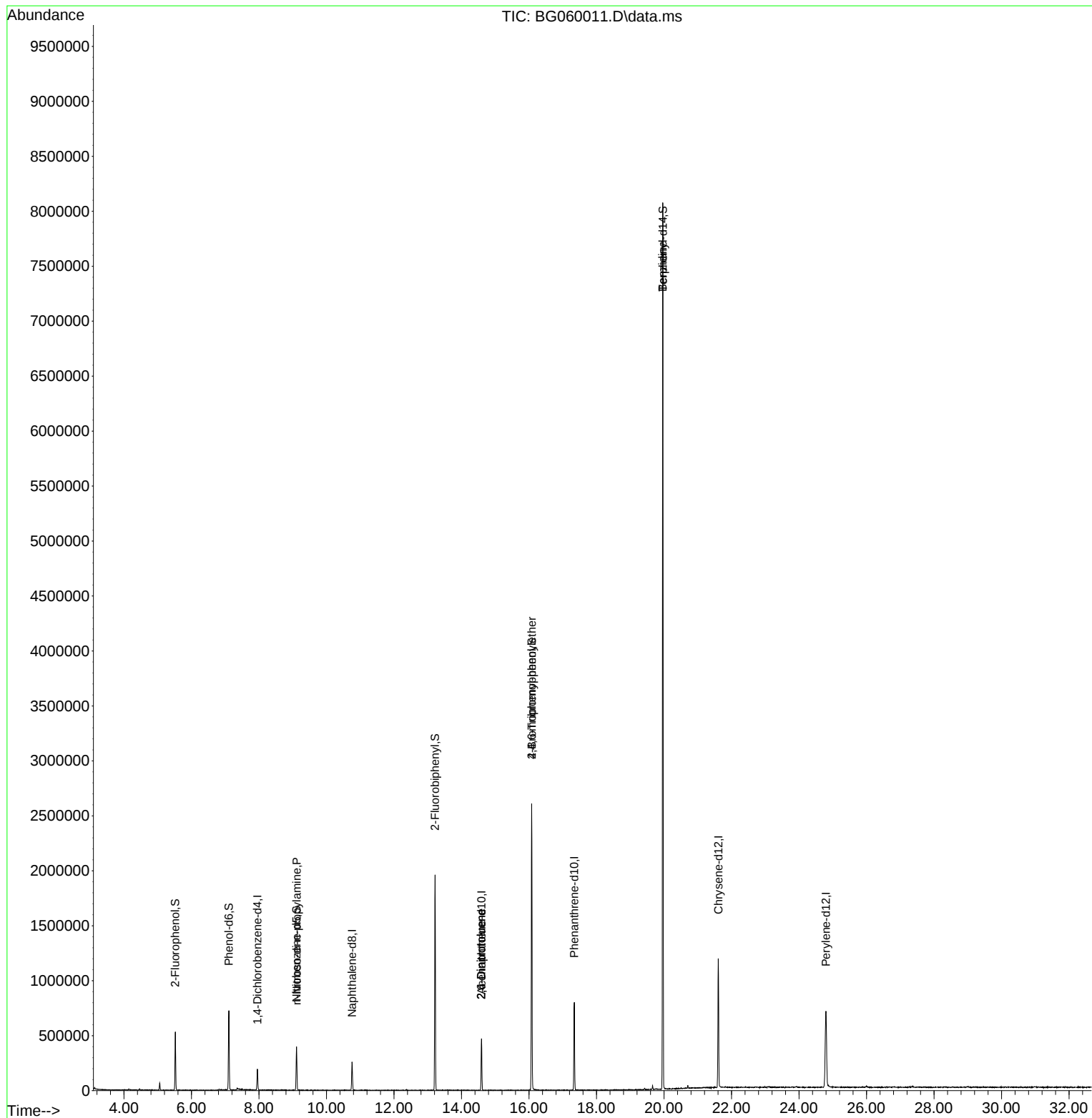
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	50014	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	191293	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	164813	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	544627	20.000	ng	0.00
76) Chrysene-d12	21.607	240	782816	20.000	ng	0.00
86) Perylene-d12	24.798	264	889939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	187882	64.307	ng	0.00
7) Phenol-d6	7.107	99	362924	88.308	ng	0.00
23) Nitrobenzene-d5	9.110	82	221370	52.548	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	643410	167.515	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1037523	77.046	ng	0.00
79) Terphenyl-d14	19.968	244	4264751	99.464	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.116	70	30825	11.626	ng	# 78
51) 2,6-Dinitrotoluene	14.586	165	22466	8.478	ng	# 22
57) 2,4-Dinitrotoluene	14.586	165	22466	6.031	ng	# 25
67) 4-Bromophenyl-phenylether	16.078	248	35513	4.622	ng	# 1
69) Atrazine	16.807	200	53	Below Cal		# 34
77) Benzidine	19.962	184	72635	7.224	ng	# 92

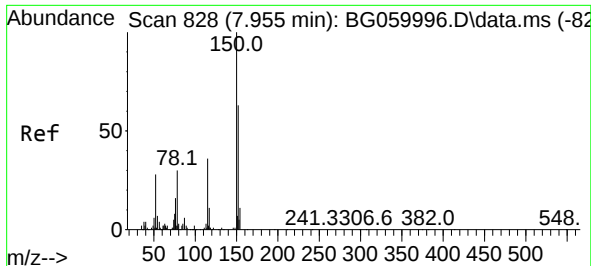
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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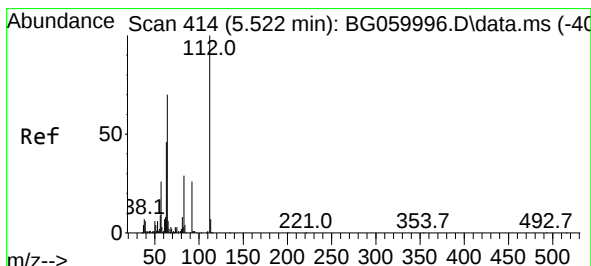
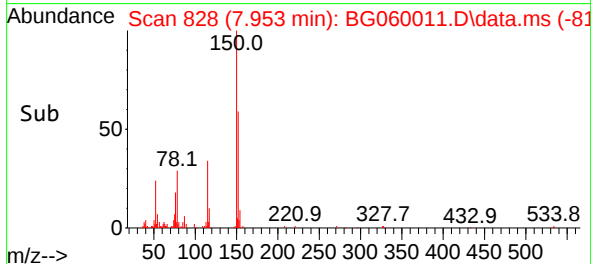
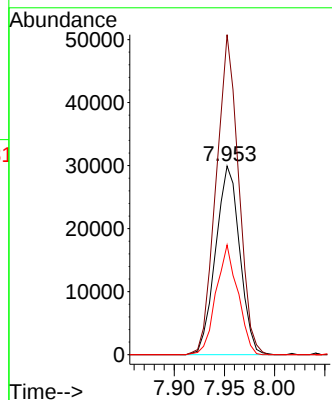
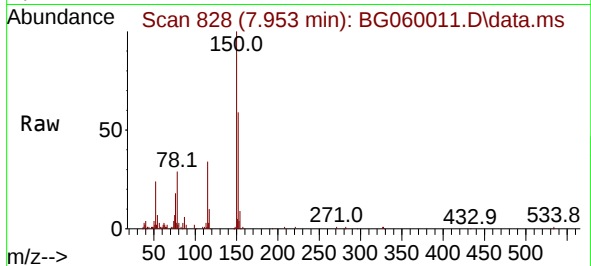




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060011.D
 Acq: 14 Dec 2023 13:29

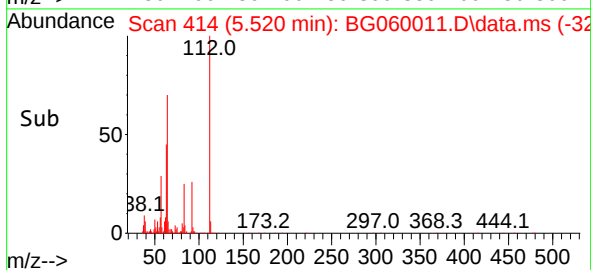
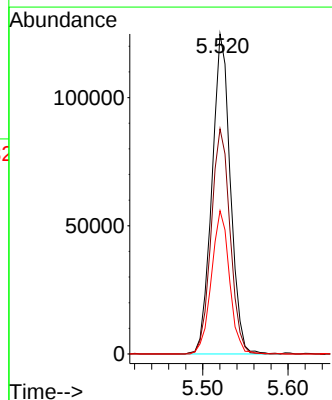
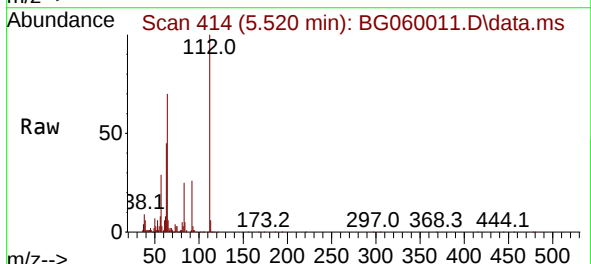
Instrument :
 BNA_G
 ClientSampleId :
 PB157682TB

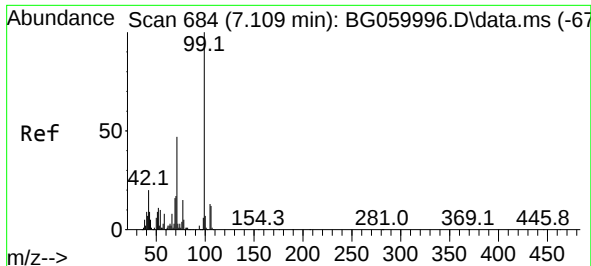
Tgt Ion:152 Resp: 50014
 Ion Ratio Lower Upper
 152 100
 150 169.6 127.0 190.6
 115 58.2 45.7 68.5



#5
 2-Fluorophenol
 Concen: 64.307 ng
 RT: 5.520 min Scan# 414
 Delta R.T. -0.002 min
 Lab File: BG060011.D
 Acq: 14 Dec 2023 13:29

Tgt Ion:112 Resp: 187882
 Ion Ratio Lower Upper
 112 100
 64 70.4 55.9 83.9
 63 44.8 36.5 54.7

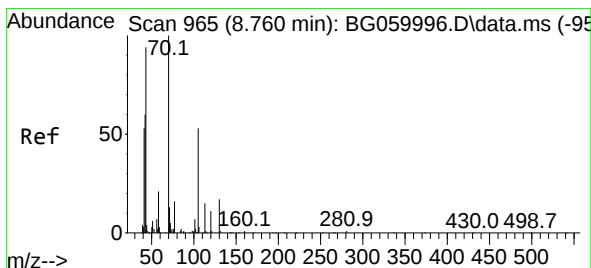
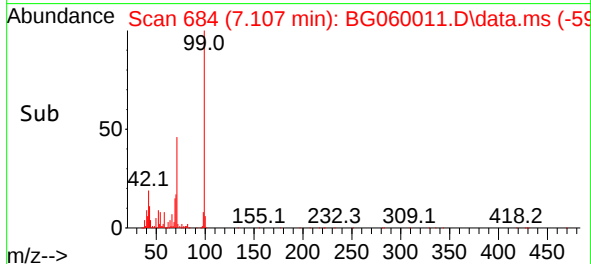
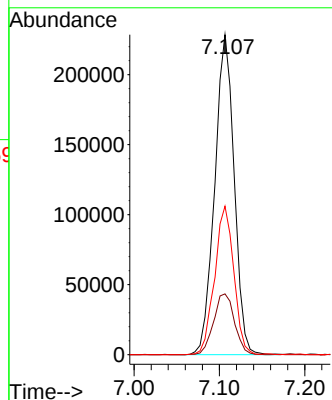
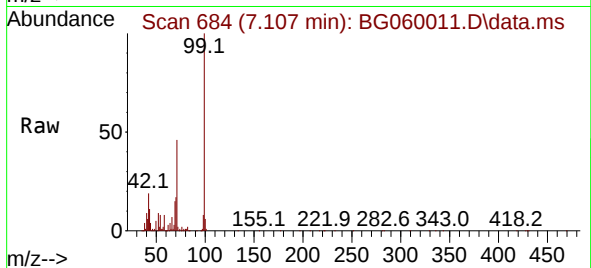




#7
Phenol-d6
Concen: 88.308 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

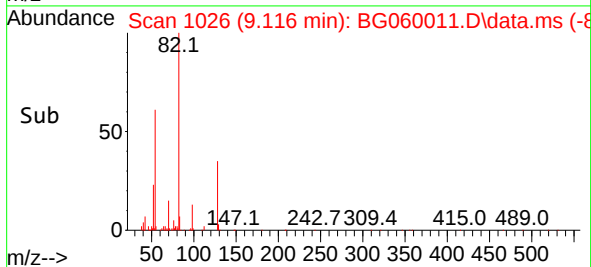
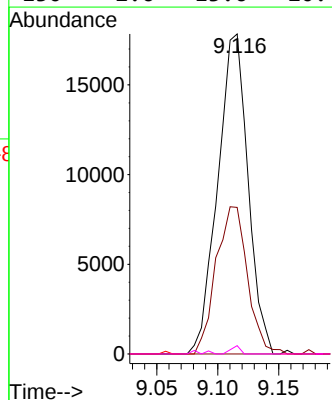
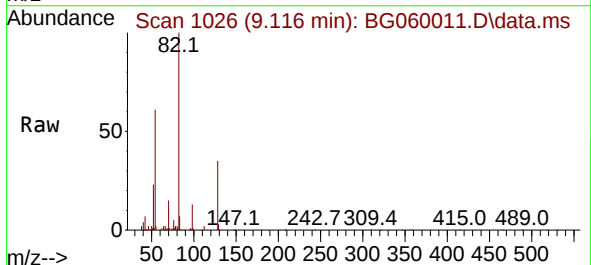
Instrument :
BNA_G
ClientSampleId :
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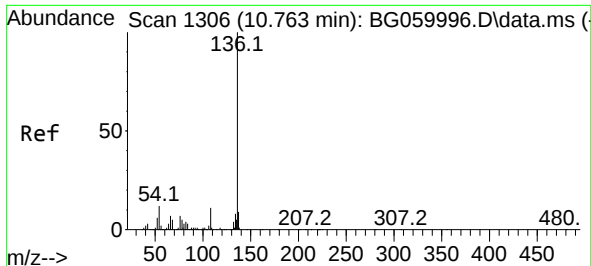
Tgt Ion: 99 Resp: 362924
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.4
71 46.4 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.626 ng
RT: 9.116 min Scan# 1026
Delta R.T. 0.356 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion: 70 Resp: 30825
Ion Ratio Lower Upper
70 100
42 45.8 48.6 73.0#
101 0.0 5.7 8.5#
130 2.6 13.6 20.4#

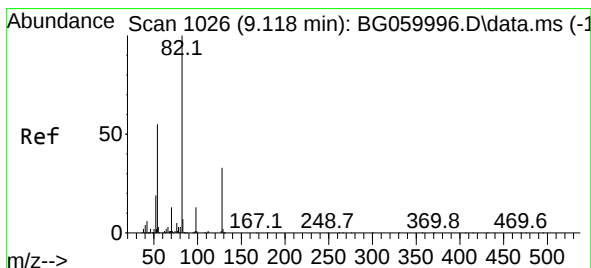
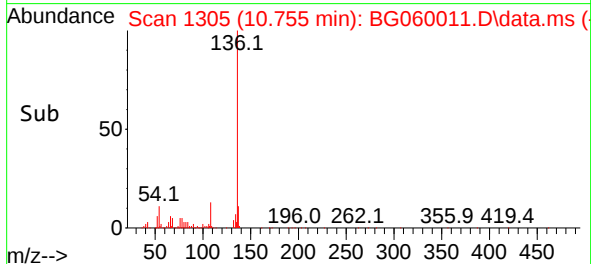
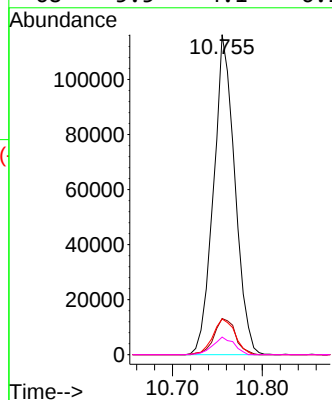
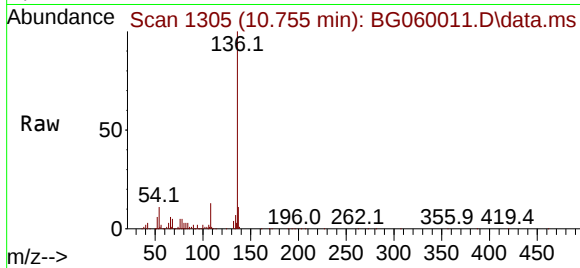




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

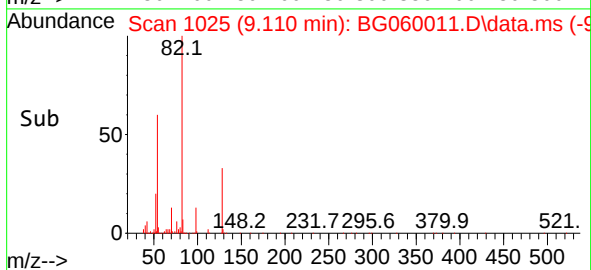
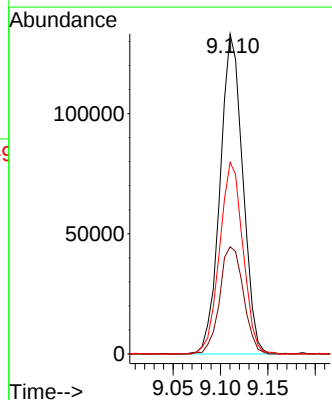
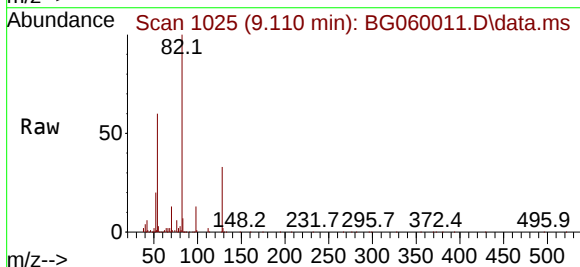
Instrument :
BNA_G
ClientSampleId :
PB157682TB

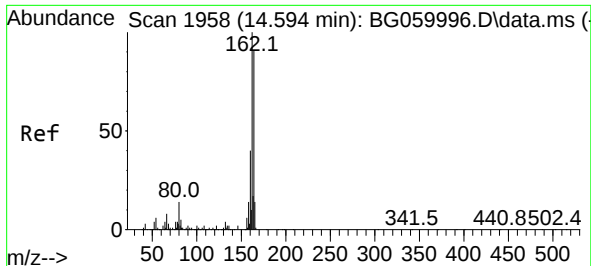
Tgt Ion:136 Resp: 191293
Ion Ratio Lower Upper
136 100
137 11.3 7.3 10.9#
54 11.2 9.6 14.4
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 52.548 ng
RT: 9.110 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion: 82 Resp: 221370
Ion Ratio Lower Upper
82 100
128 33.5 26.3 39.5
54 59.9 44.3 66.5

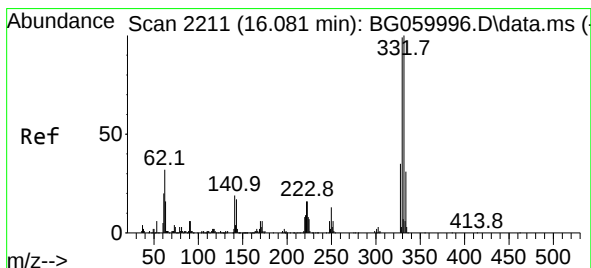
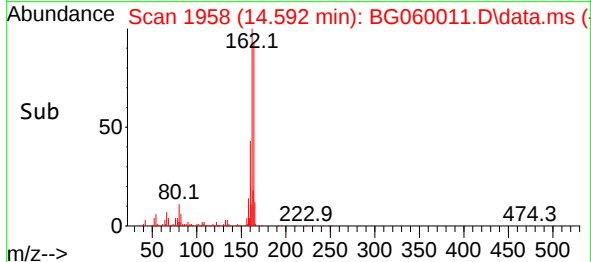
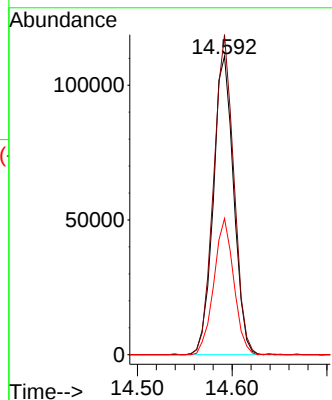
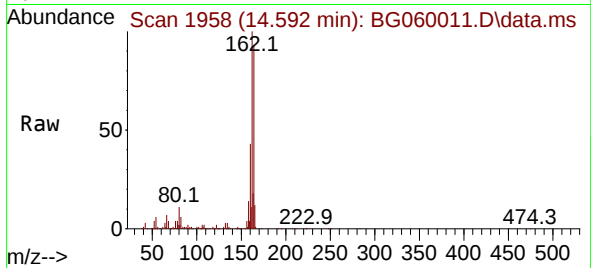




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

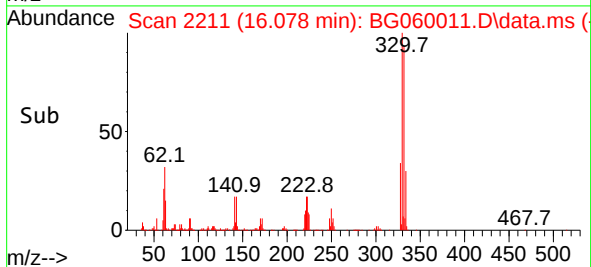
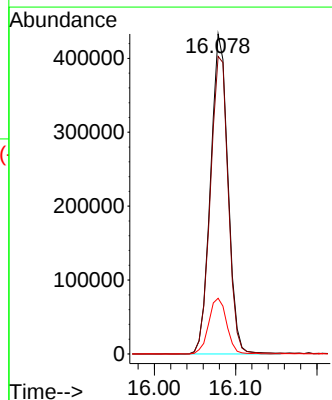
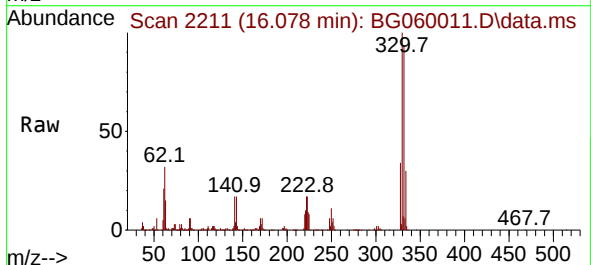
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ClientSampleId :
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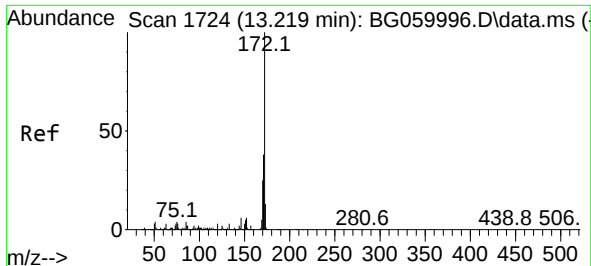
Tgt Ion:164 Resp: 164813
Ion Ratio Lower Upper
164 100
162 107.2 88.1 132.1
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 167.515 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:330 Resp: 643410
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 18.0 14.3 21.5

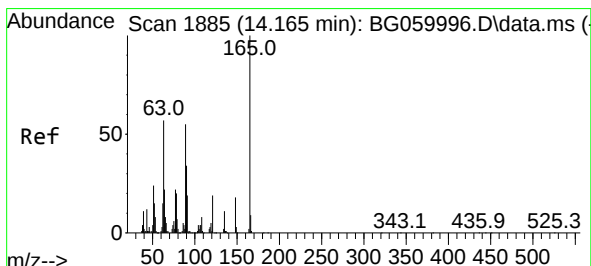
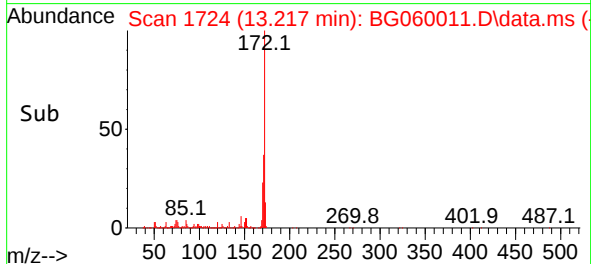
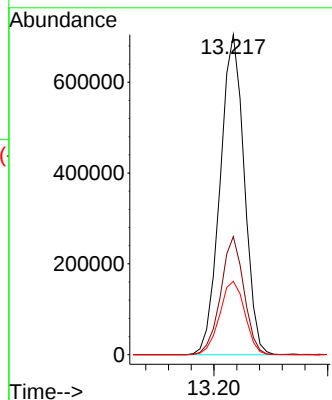
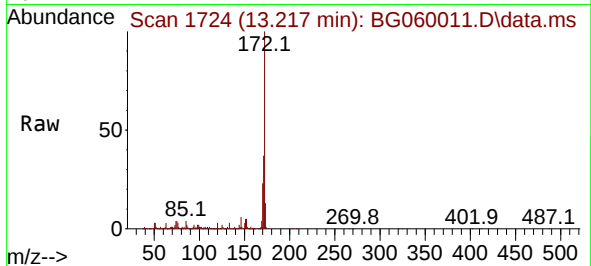




#45
2-Fluorobiphenyl
Concen: 77.046 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

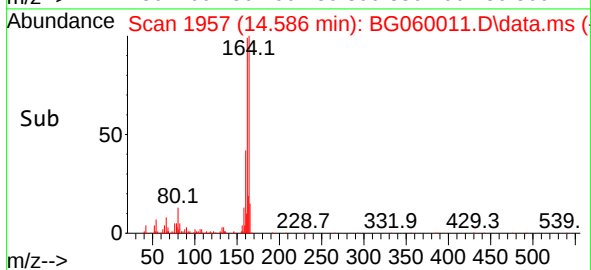
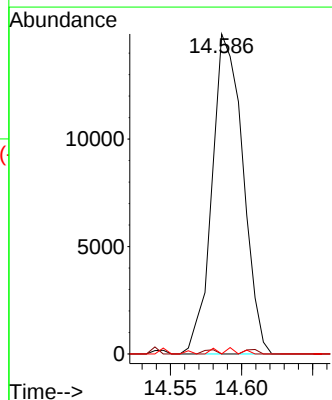
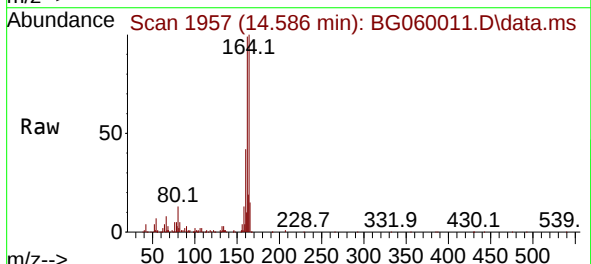
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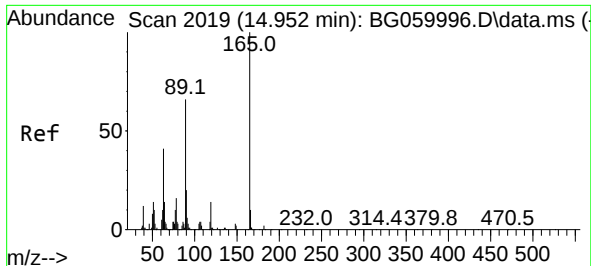
Tgt Ion:172 Resp: 1037523
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 22.9 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 14.586 min Scan# 1957
Delta R.T. 0.421 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:165 Resp: 22466
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 0.0 44.4 66.6#

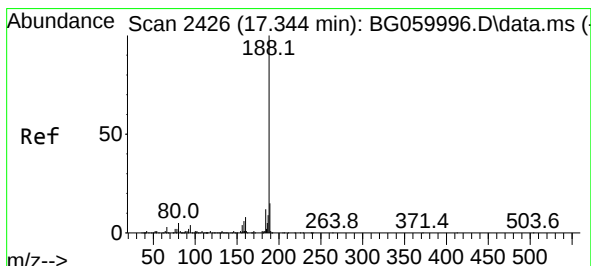
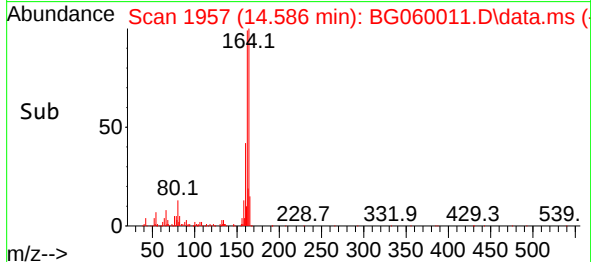
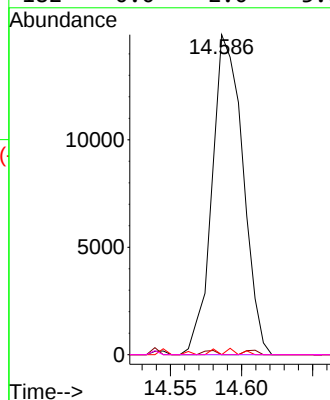
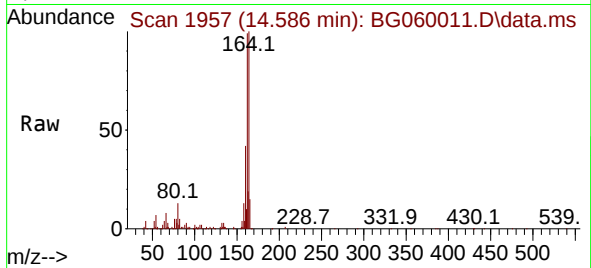




#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.366 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

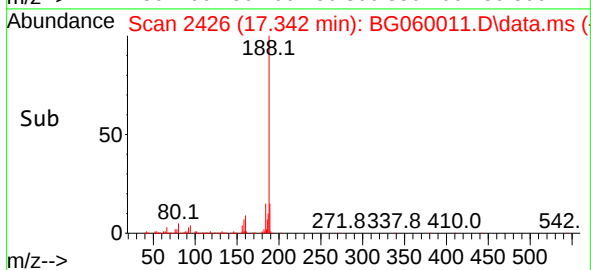
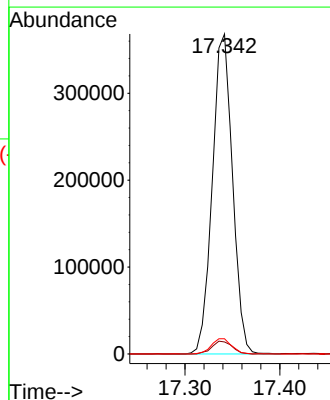
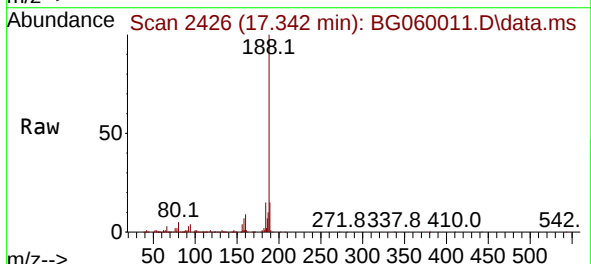
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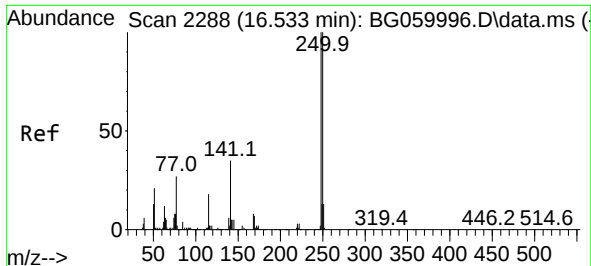
Tgt Ion:165 Resp: 22466
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 0.0 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:188 Resp: 544627
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 4.8 4.0 6.0

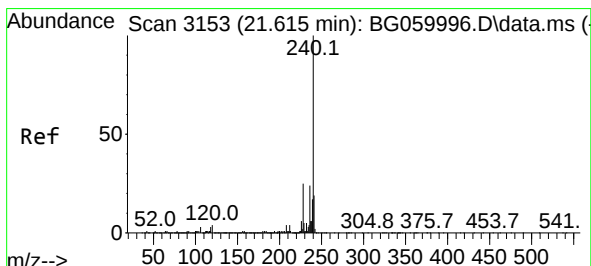
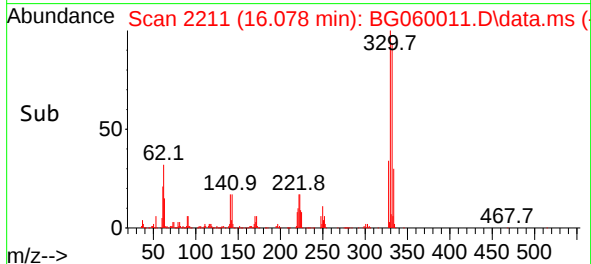
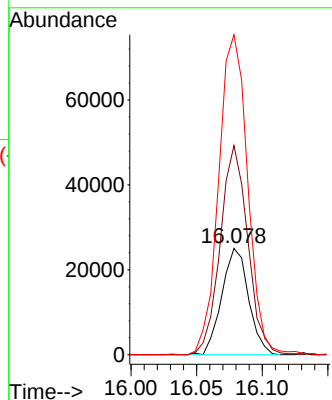
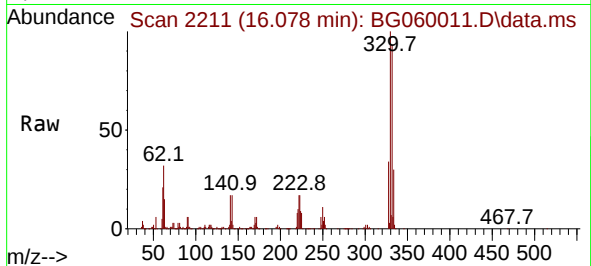




#67
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 16.078 min Scan# 211
Delta R.T. -0.455 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

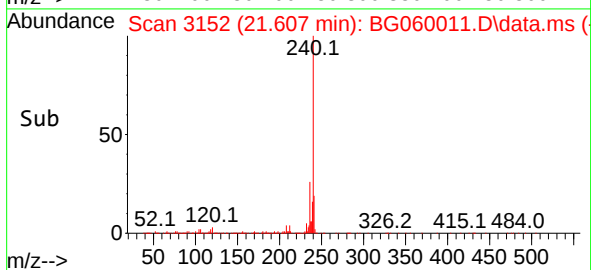
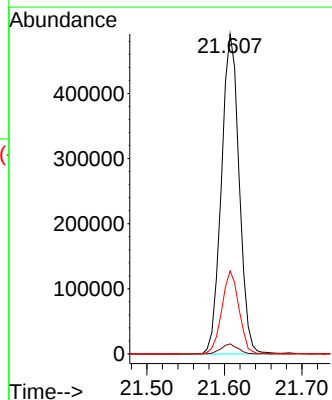
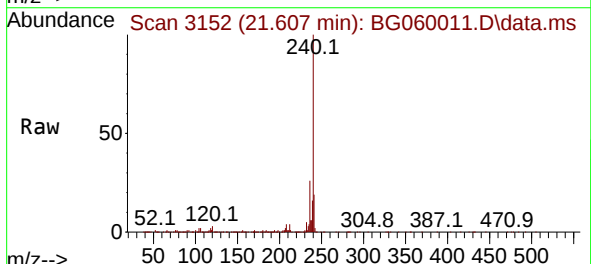
Instrument :
BNA_G
ClientSampleId :
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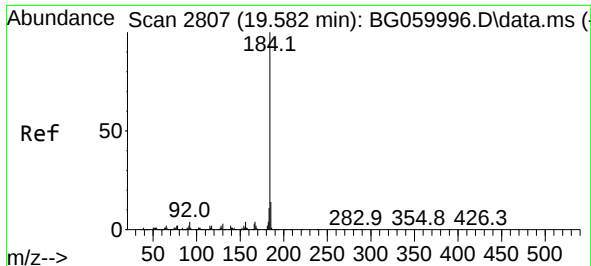
Tgt Ion:248 Resp: 35513
Ion Ratio Lower Upper
248 100
250 196.8 79.9 119.9#
141 301.1 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:240 Resp: 782816
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 25.9 19.4 29.2

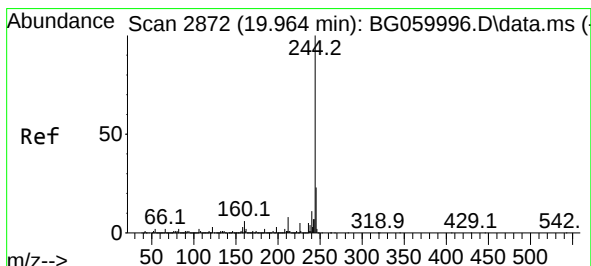
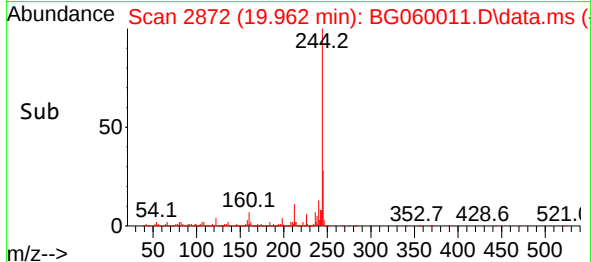
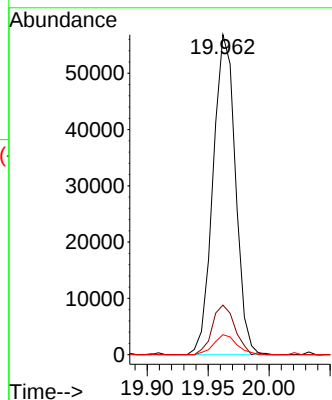
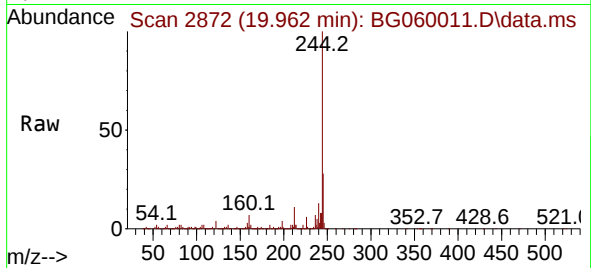




#77
Benzidine
Concen: 7.224 ng
RT: 19.962 min Scan# 2807
Delta R.T. 0.380 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

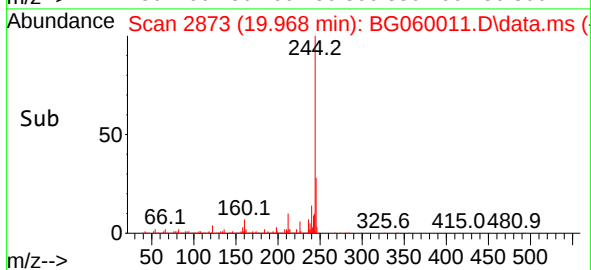
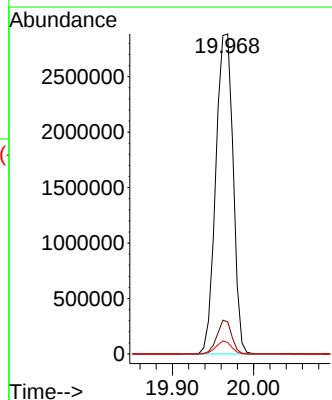
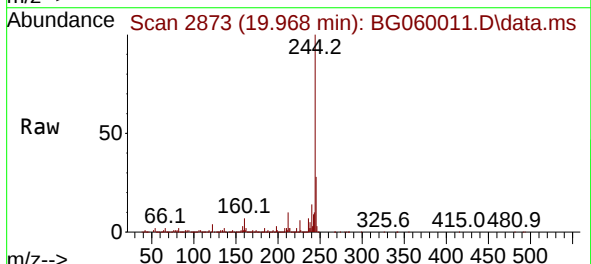
Instrument :
BNA_G
ClientSampleId :
PB157682TB

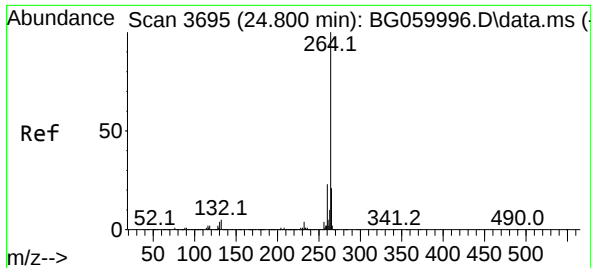
Tgt Ion:184 Resp: 72635
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 99.464 ng
RT: 19.968 min Scan# 2873
Delta R.T. 0.004 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:244 Resp: 4264751
Ion Ratio Lower Upper
244 100
212 10.1 6.8 10.2
122 3.6 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. -0.002 min
 Lab File: BG060011.D
 Acq: 14 Dec 2023 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB157682TB

Tgt Ion:264 Resp: 889939
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 20.2 17.3 25.9

