

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060065.D
 Acq On : 18 Dec 2023 14:06
 Operator : MA/JU
 Sample : PB157730TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157730TB

Quant Time: Dec 18 14:47:43 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)

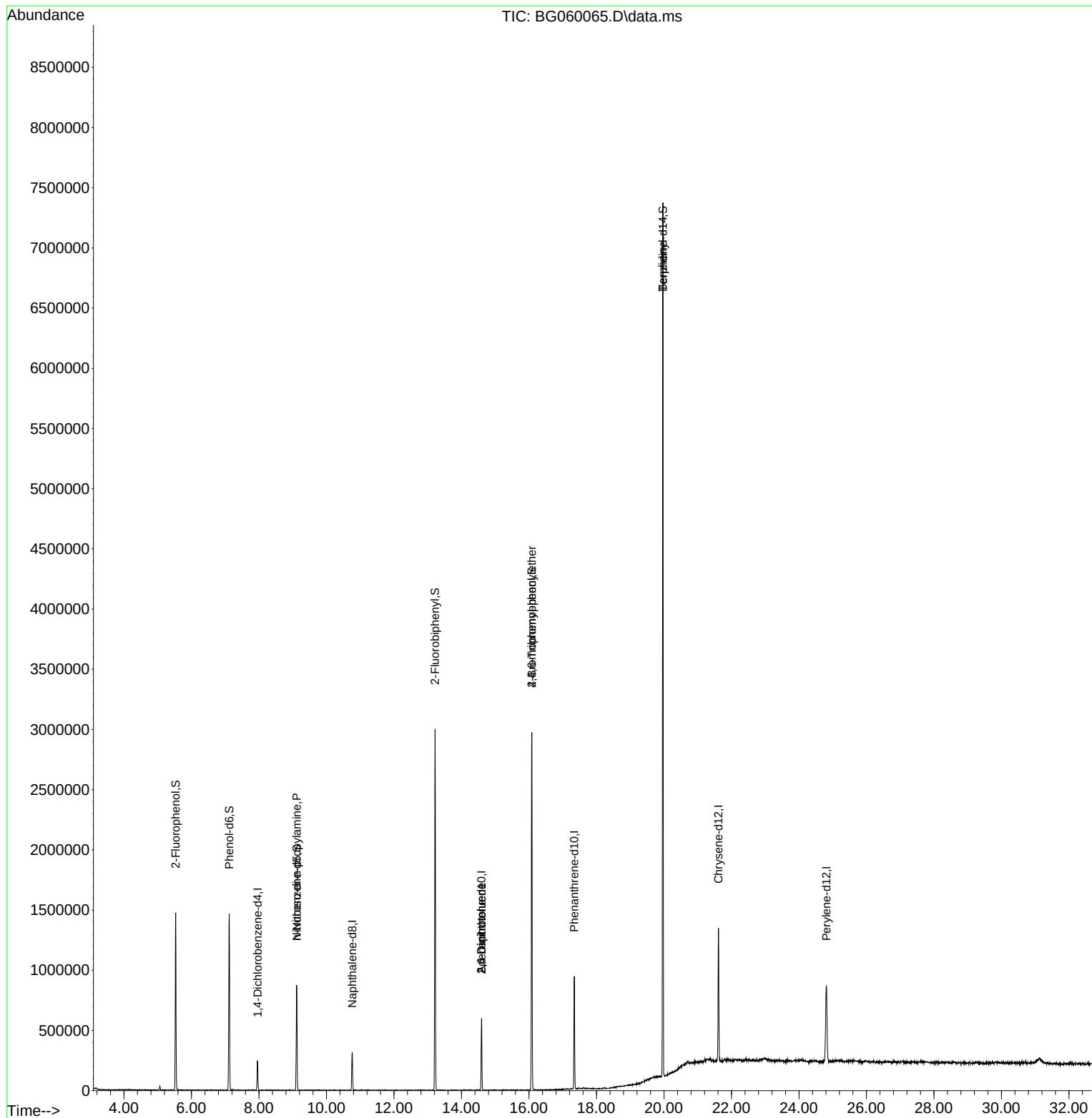
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	66729	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	248835	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	209199	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	640327	20.000	ng	# 0.00
76) Chrysene-d12	21.615	240	732574	20.000	ng	# 0.00
86) Perylene-d12	24.811	264	835475	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	507555	130.207	ng	0.01
7) Phenol-d6	7.120	99	716439	130.660	ng	0.01
23) Nitrobenzene-d5	9.118	82	488776	89.193	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	742768	152.353	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1626326	95.146	ng	0.00
79) Terphenyl-d14	19.970	244	3814038	95.053	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.118	70	71624	20.246	ng	# 79
51) 2,6-Dinitrotoluene	14.594	165	28516	8.477	ng	# 26
57) 2,4-Dinitrotoluene	14.594	165	28516	6.031	ng	# 29
67) 4-Bromophenyl-phenylether	16.086	248	43956	4.865	ng	# 1
69) Atrazine	16.809	200	71	Below Cal		# 34
77) Benzidine	19.970	184	65008	6.909	ng	# 88

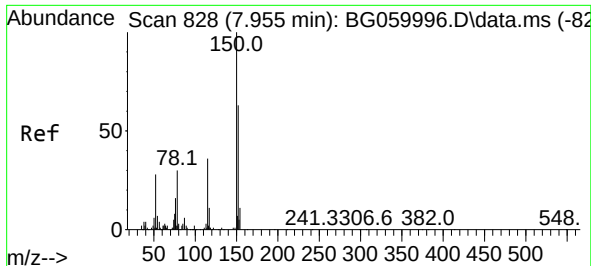
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Thu Dec 18 01:47:12 2023
Response via : Initial Calibration

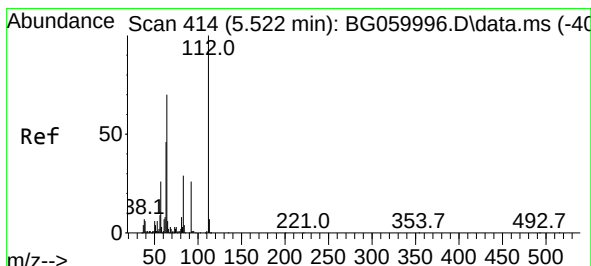
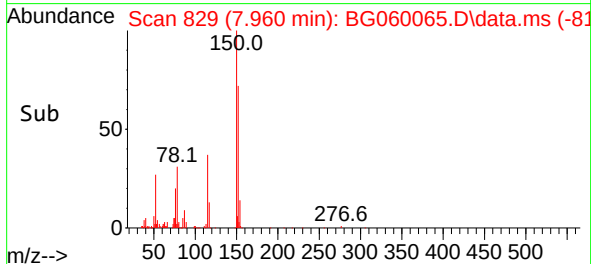
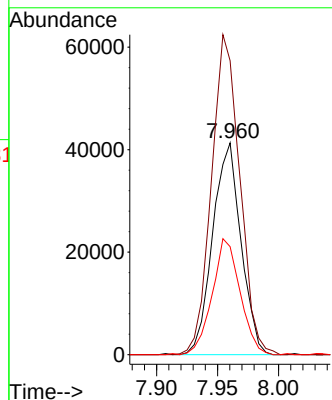
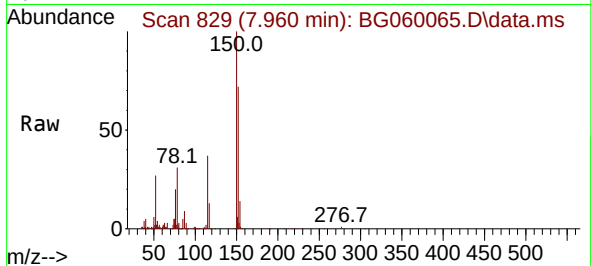




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

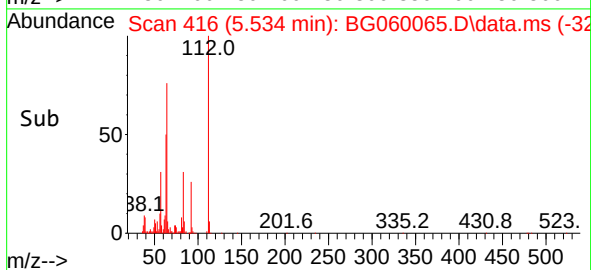
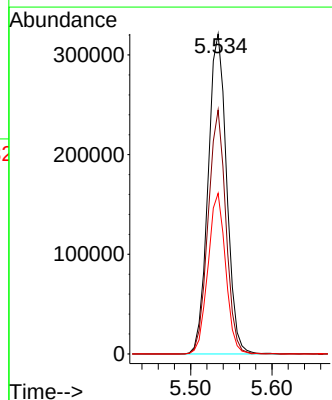
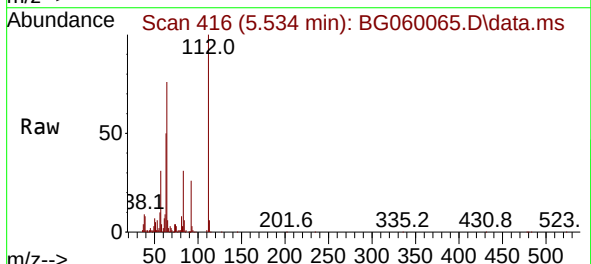
Instrument :
BNA_G
ClientSampleId :
PB157730TB

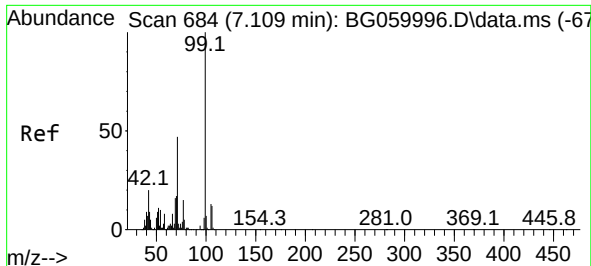
Tgt Ion:152 Resp: 66729
Ion Ratio Lower Upper
152 100
150 138.8 127.0 190.6
115 51.0 45.7 68.5



#5
2-Fluorophenol
Concen: 130.207 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.012 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:112 Resp: 507555
Ion Ratio Lower Upper
112 100
64 76.2 55.9 83.9
63 50.2 36.5 54.7

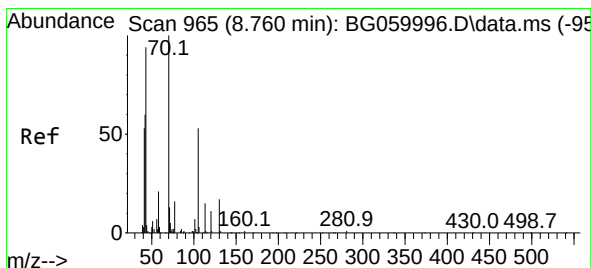
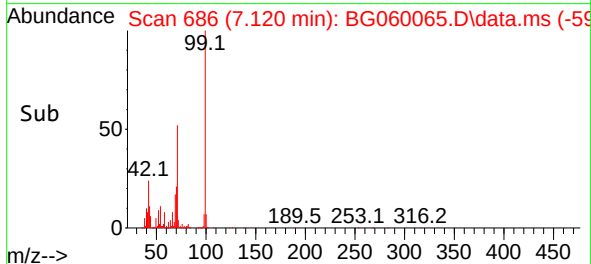
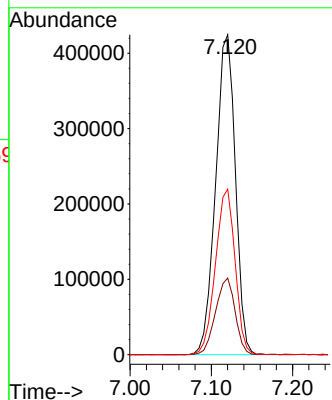
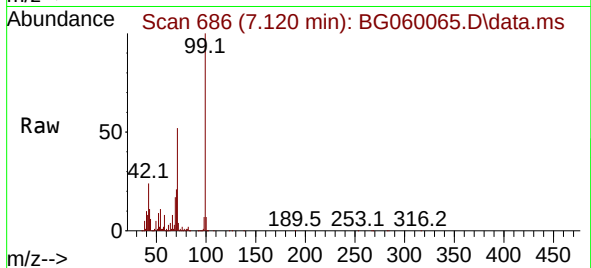




#7
Phenol-d6
Concen: 130.660 ng
RT: 7.120 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

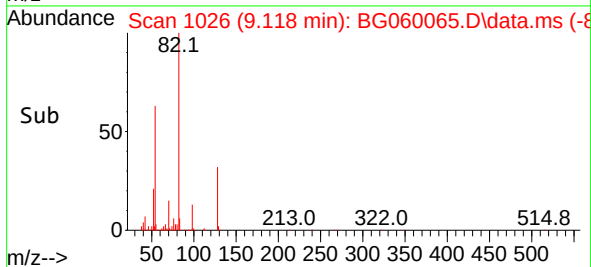
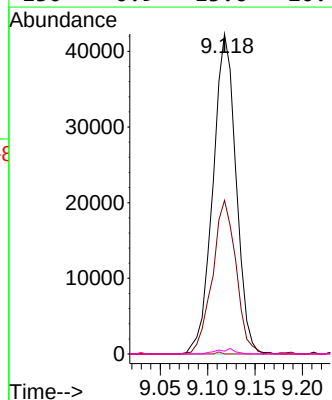
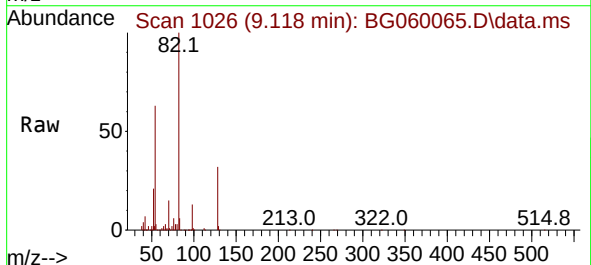
Instrument :
BNA_G
ClientSampleId :
PB157730TB

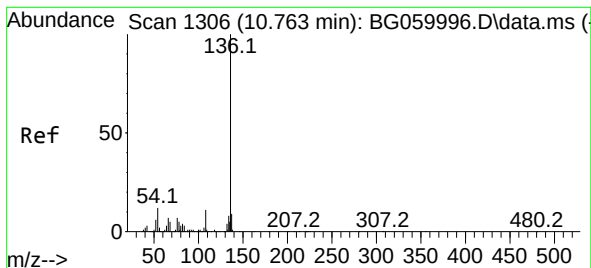
Tgt Ion: 99 Resp: 716439
Ion Ratio Lower Upper
99 100
42 24.0 16.2 24.4
71 51.7 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.246 ng
RT: 9.118 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion: 70 Resp: 71624
Ion Ratio Lower Upper
70 100
42 48.0 48.6 73.0#
101 0.0 5.7 8.5#
130 0.9 13.6 20.4#

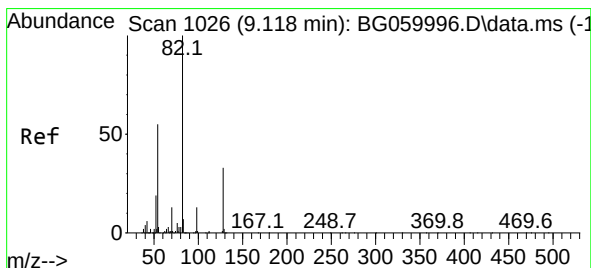
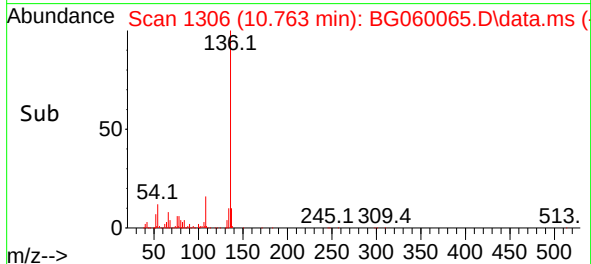
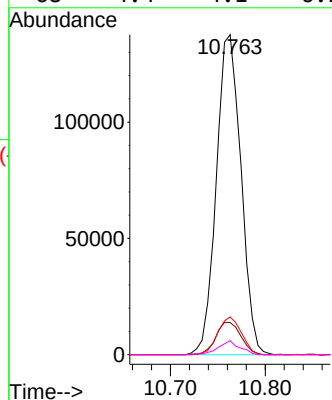
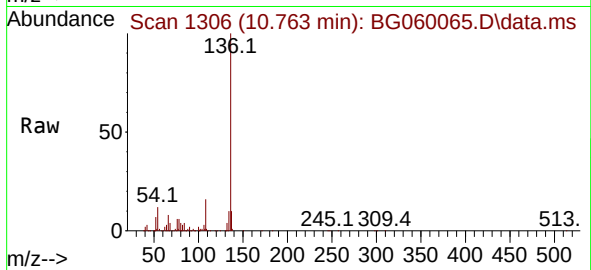




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

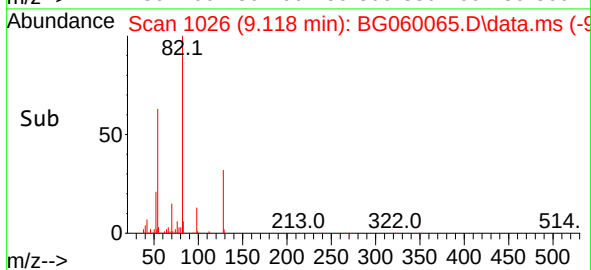
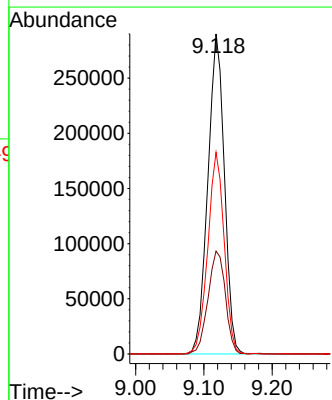
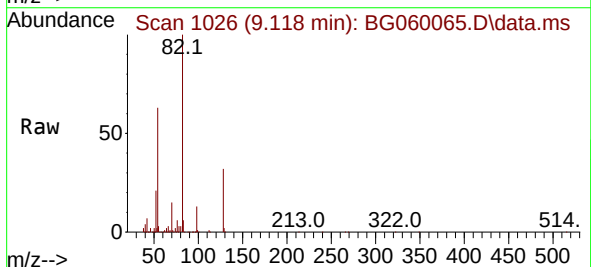
Instrument :
BNA_G
ClientSampleId :
PB157730TB

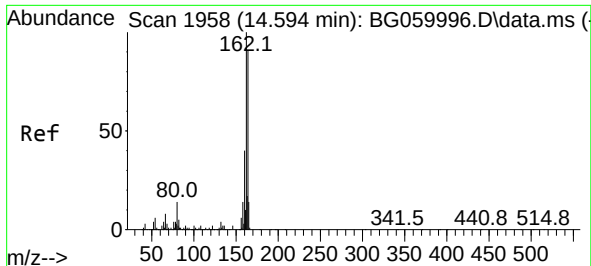
Tgt Ion:	136	Resp:	248835
Ion Ratio	Lower	Upper	
136	100		
137	10.0	7.3	10.9
54	11.8	9.6	14.4
68	4.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 89.193 ng
RT: 9.118 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:	82	Resp:	488776
Ion Ratio	Lower	Upper	
82	100		
128	32.2	26.3	39.5
54	63.0	44.3	66.5

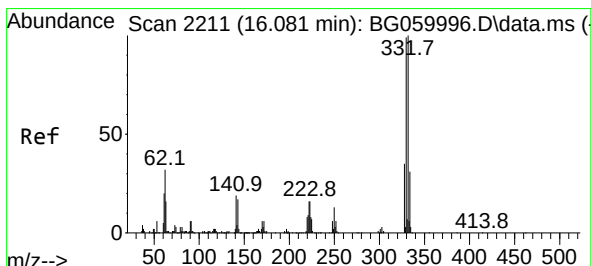
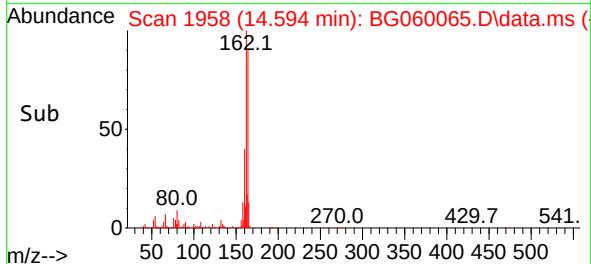
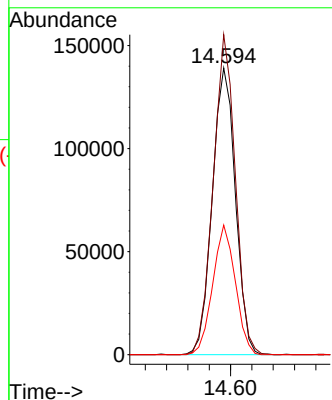
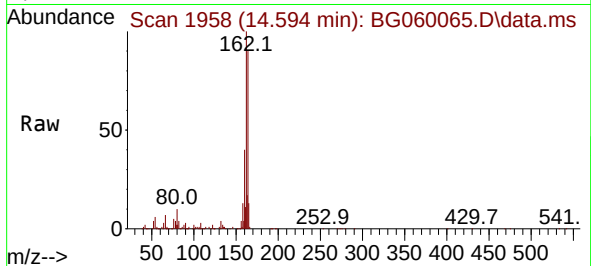




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

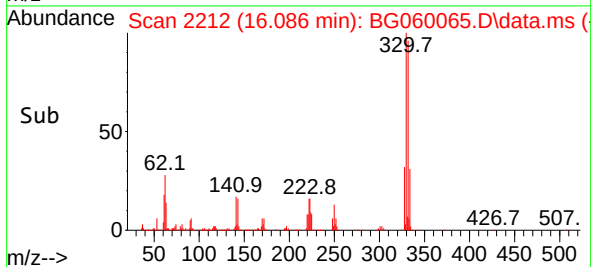
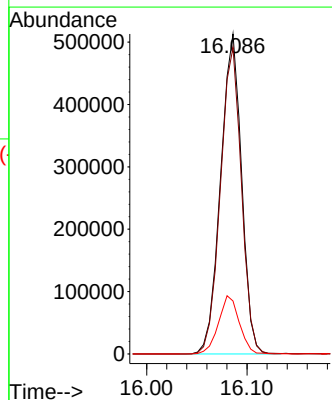
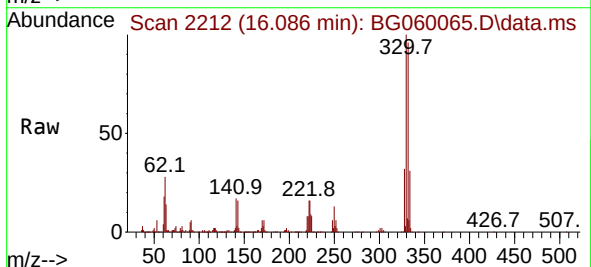
Instrument :
BNA_G
ClientSampleId :
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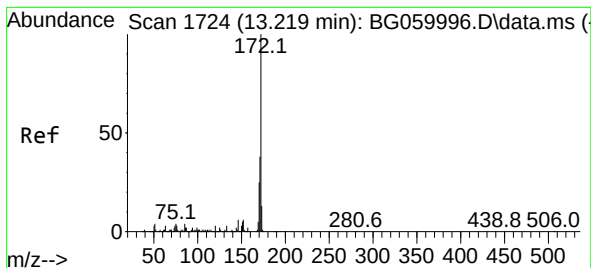
Tgt Ion:164 Resp: 209199
Ion Ratio Lower Upper
164 100
162 111.6 88.1 132.1
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 152.353 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.005 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:330 Resp: 742768
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 18.1 14.3 21.5

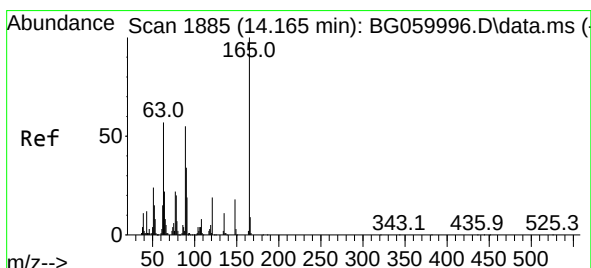
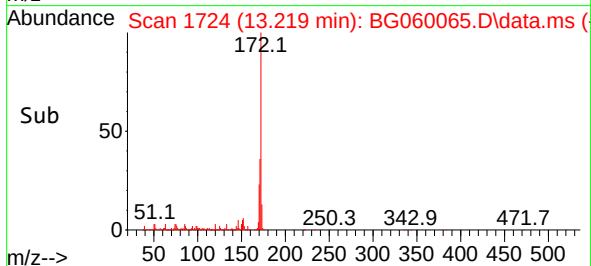
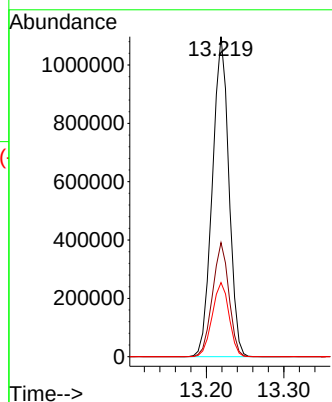
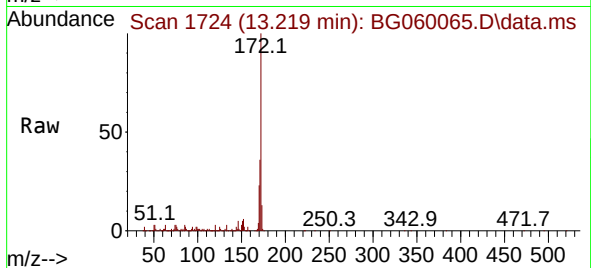




#45
2-Fluorobiphenyl
Concen: 95.146 ng
RT: 13.219 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

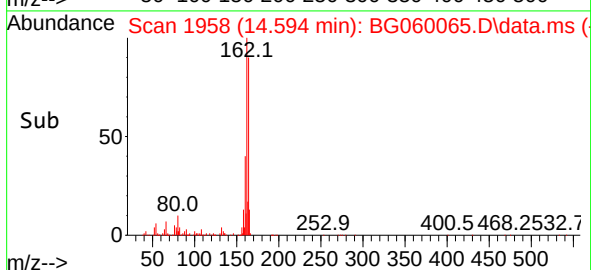
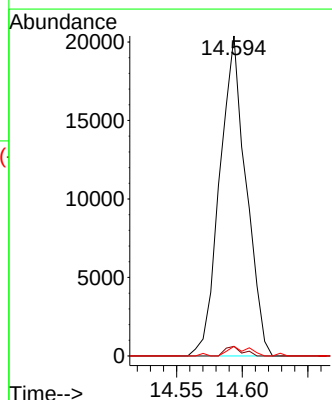
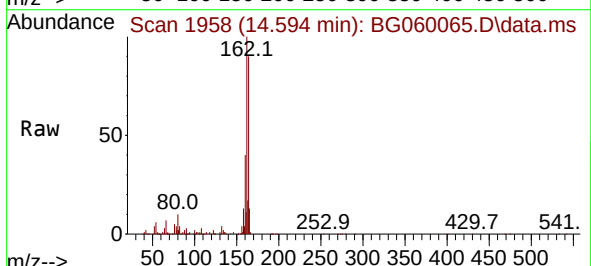
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ClientSampleId :
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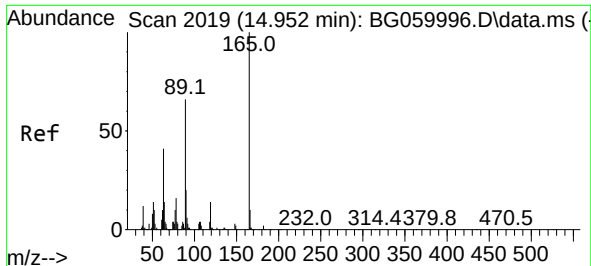
Tgt Ion:172 Resp: 1626326
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 23.2 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.477 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.428 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:165 Resp: 28516
Ion Ratio Lower Upper
165 100
63 3.0 48.2 72.2#
89 3.0 44.4 66.6#

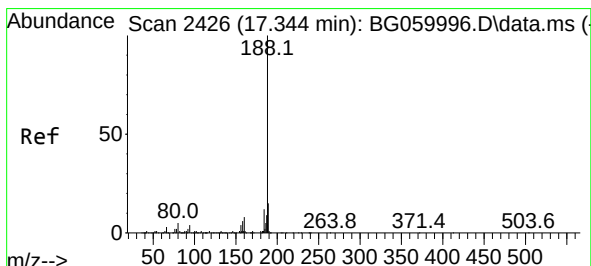
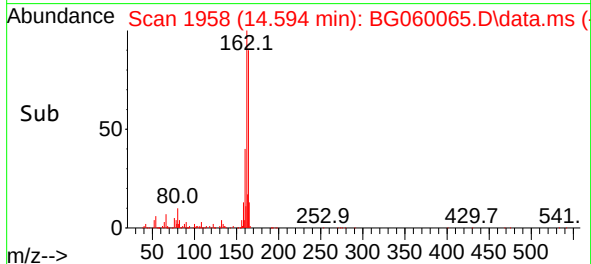
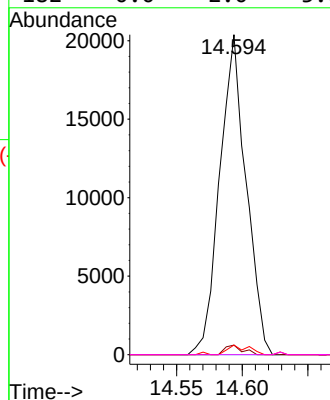
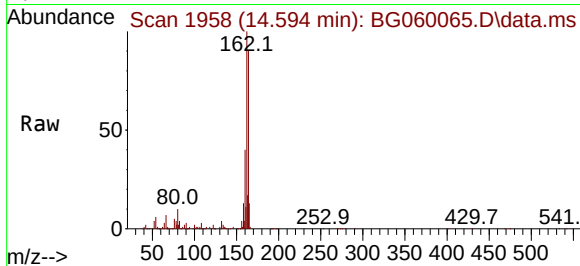




#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.359 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

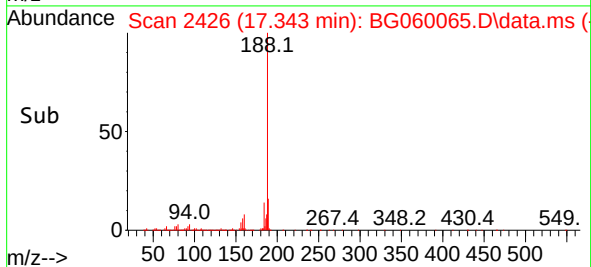
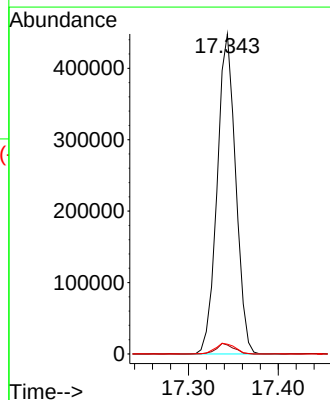
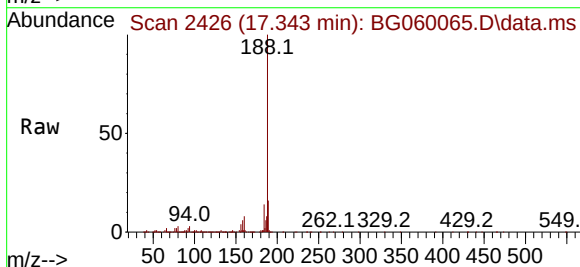
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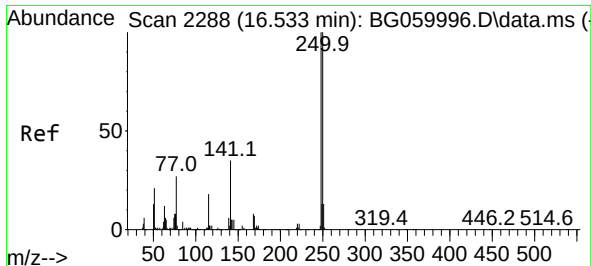
Tgt Ion:165 Resp: 28516
Ion Ratio Lower Upper
165 100
63 3.0 32.8 49.2#
89 3.0 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:188 Resp: 640327
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.6#
80 3.1 4.0 6.0#

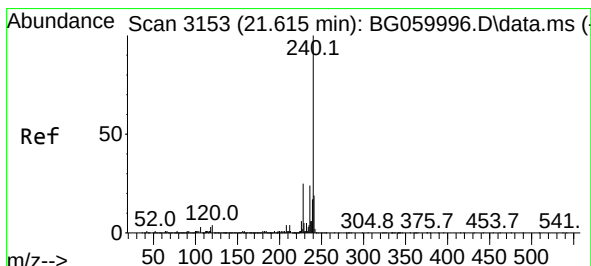
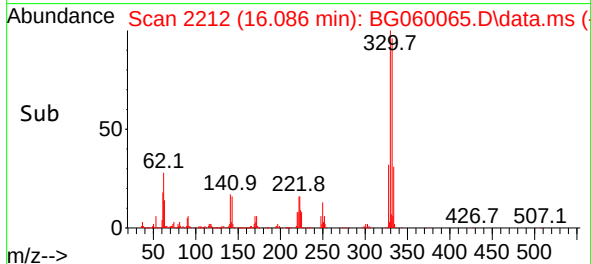
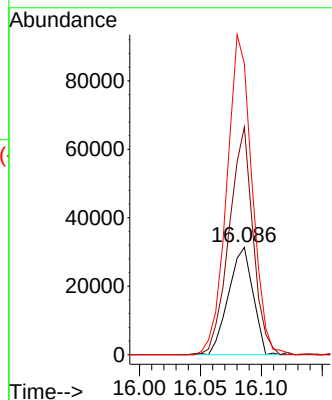
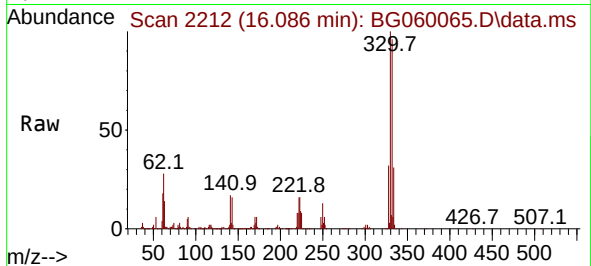




#67
4-Bromophenyl-phenylether
Concen: 4.865 ng
RT: 16.086 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

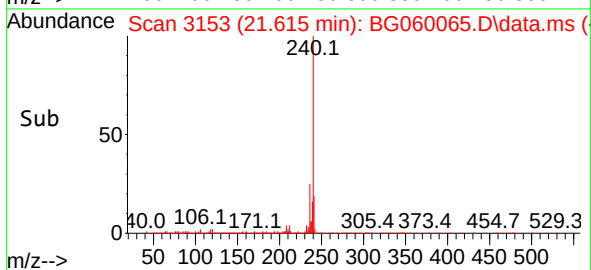
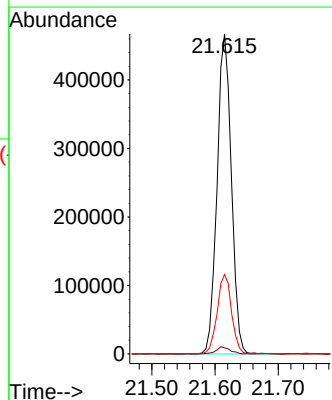
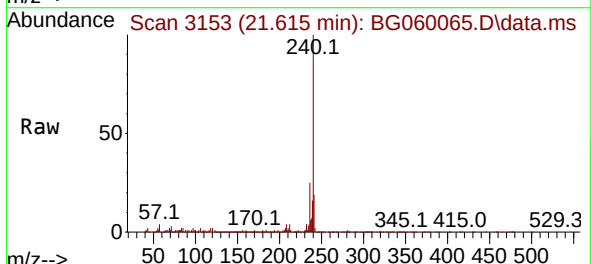
Instrument :
BNA_G
ClientSampleId :
PB157730TB

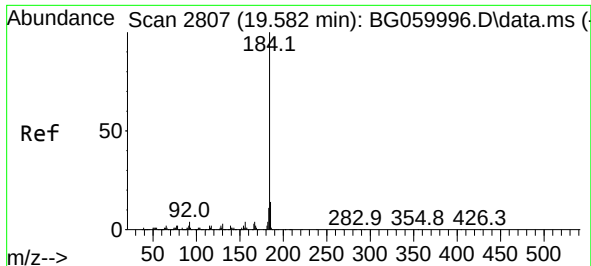
Tgt Ion:248 Resp: 43956
Ion Ratio Lower Upper
248 100
250 211.9 79.9 119.9#
141 271.0 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.615 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:240 Resp: 732574
Ion Ratio Lower Upper
240 100
120 1.9 2.9 4.3#
236 24.9 19.4 29.2

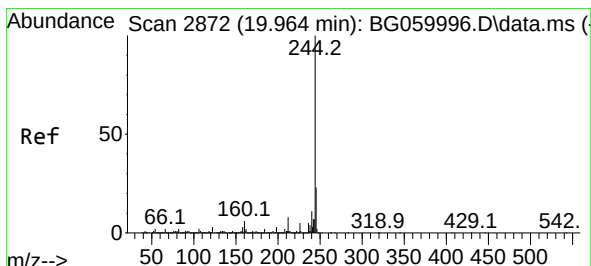
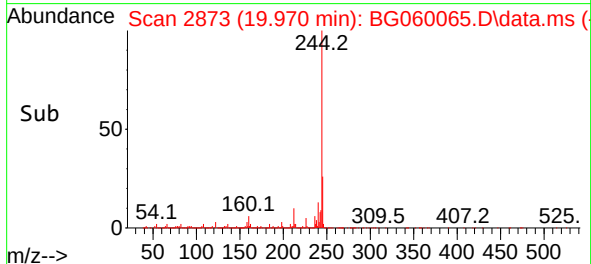
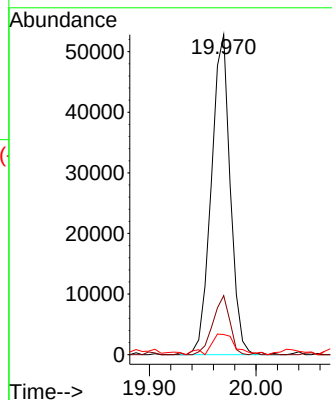
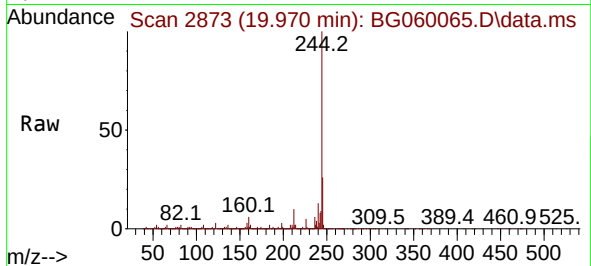




#77
Benzidine
Concen: 6.909 ng
RT: 19.970 min Scan# 2807
Delta R.T. 0.387 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

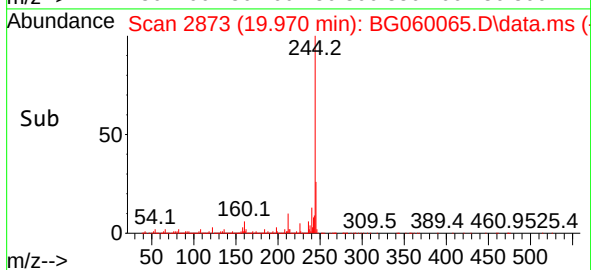
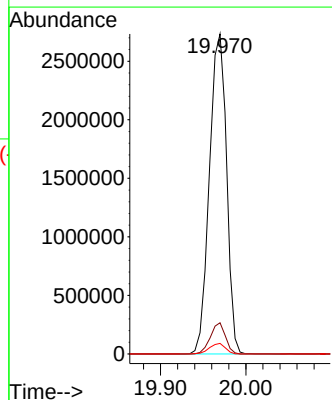
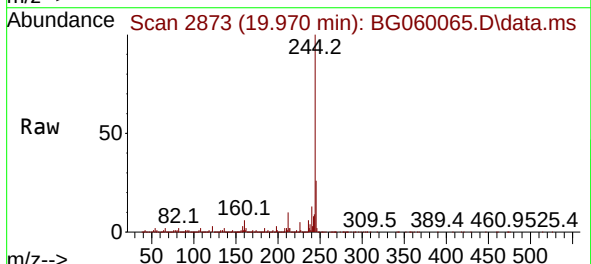
Instrument :
BNA_G
ClientSampleId :
PB157730TB

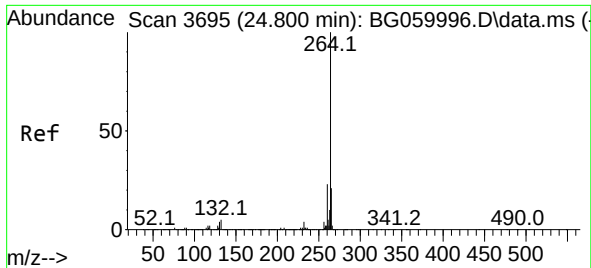
Tgt Ion:184 Resp: 65008
Ion Ratio Lower Upper
184 100
185 18.4 11.1 16.7#
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 95.053 ng
RT: 19.970 min Scan# 2873
Delta R.T. 0.005 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:244 Resp: 3814038
Ion Ratio Lower Upper
244 100
212 9.7 6.8 10.2
122 3.3 2.6 3.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.811 min Scan# 30
Delta R.T. 0.011 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
PB157730TB

Tgt Ion:264 Resp: 835475

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.8	17.3	25.9

