

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060031.D
 Acq On : 15 Dec 2023 11:46
 Operator : MA/JU
 Sample : 05827-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-13.5-14.5

Quant Time: Dec 15 12:45:18 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)

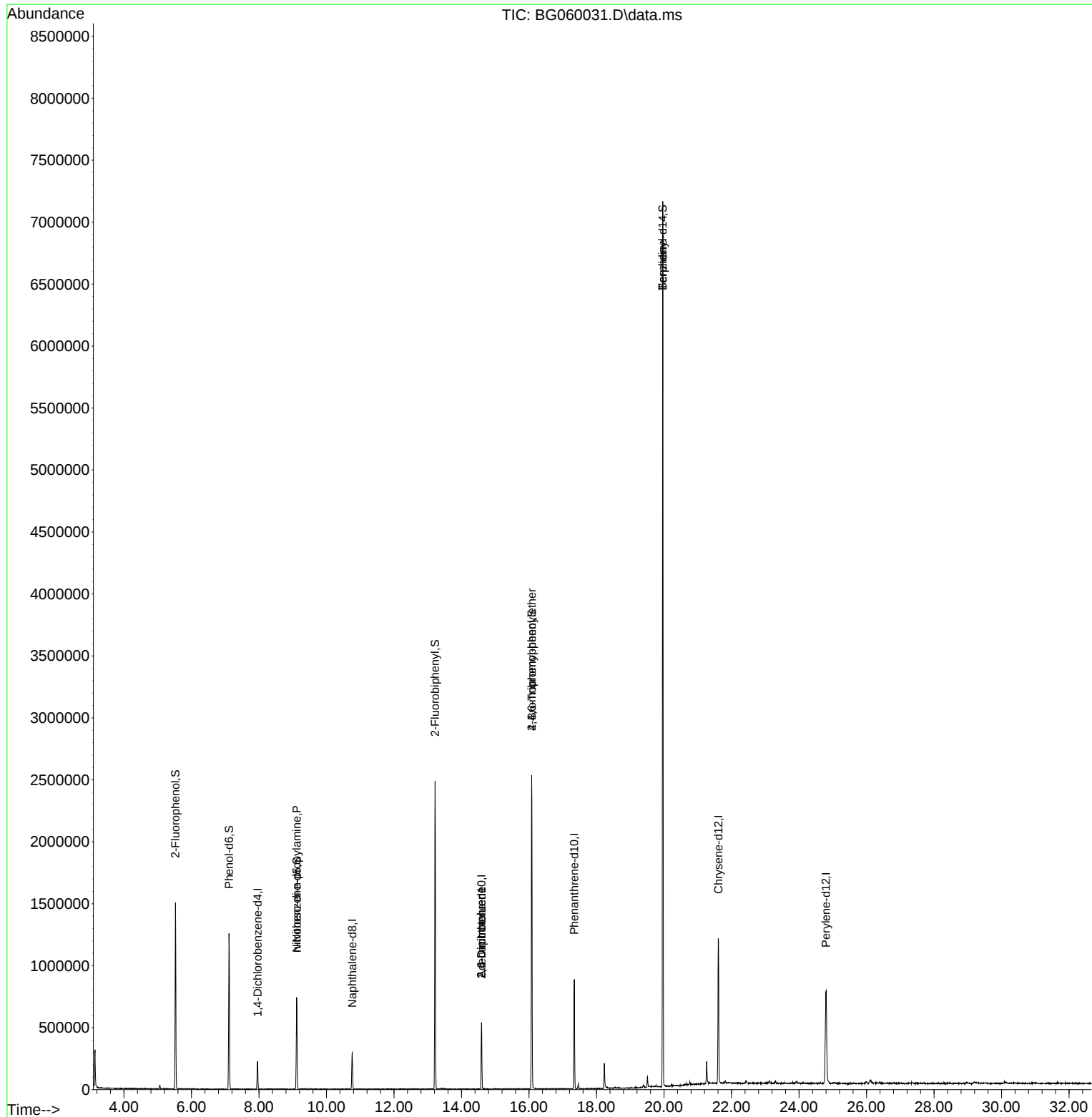
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	60369	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	232065	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	183725	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	587539	20.000	ng	0.00
76) Chrysene-d12	21.607	240	807158	20.000	ng	# 0.00
86) Perylene-d12	24.798	264	959598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	539623	153.018	ng	0.00
7) Phenol-d6	7.113	99	639153	128.845	ng	0.00
23) Nitrobenzene-d5	9.116	82	427603	83.669	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	620811	144.994	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1348657	89.842	ng	0.00
79) Terphenyl-d14	19.962	244	3826788	86.558	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.116	70	57145	17.855	ng	# 80
51) 2,6-Dinitrotoluene	14.592	165	26579	8.997	ng	# 24
57) 2,4-Dinitrotoluene	14.592	165	26579	6.400	ng	# 27
67) 4-Bromophenyl-phenylether	16.079	248	38560	4.652	ng	# 1
69) Atrazine	16.784	200	74	Below Cal		# 30
77) Benzidine	19.962	184	59183	5.708	ng	# 90

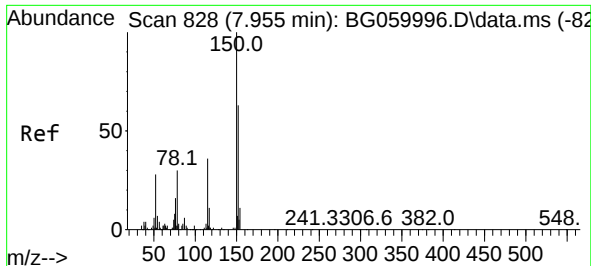
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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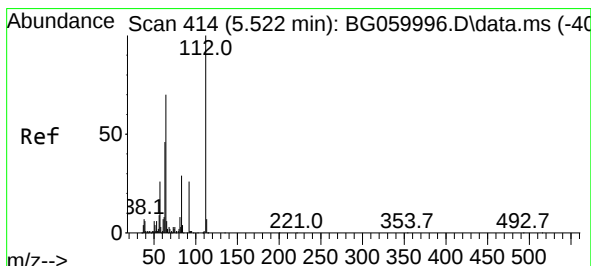
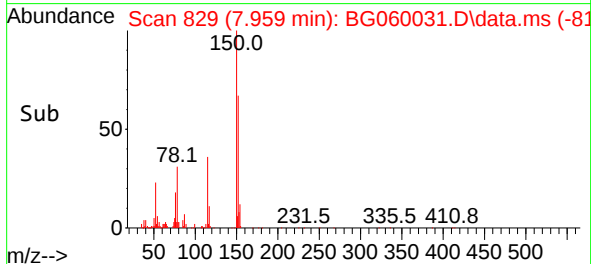
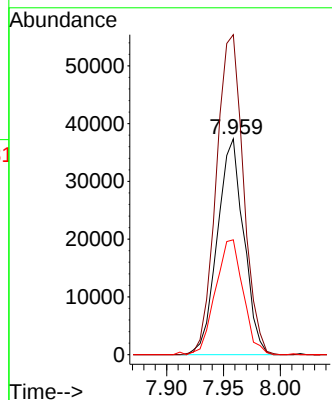
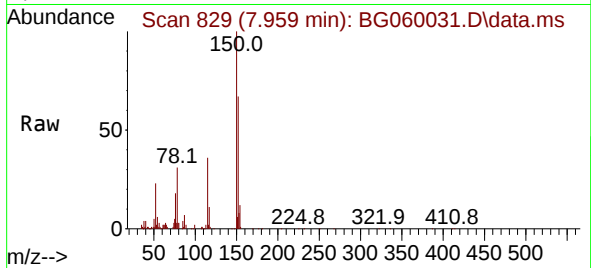




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

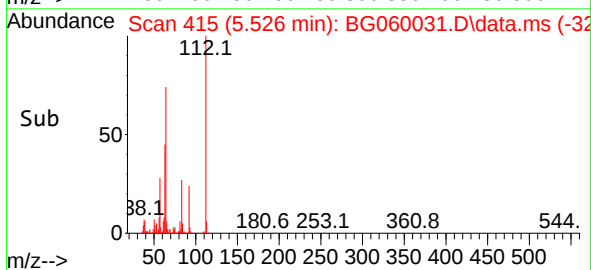
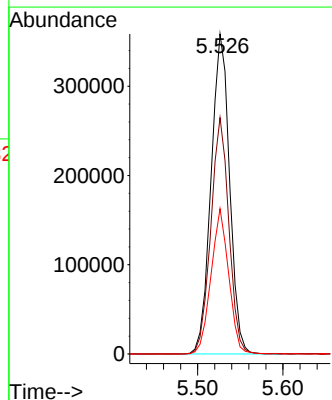
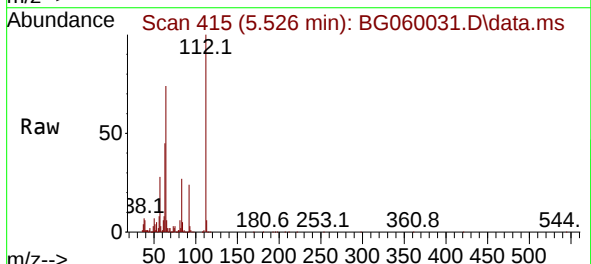
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

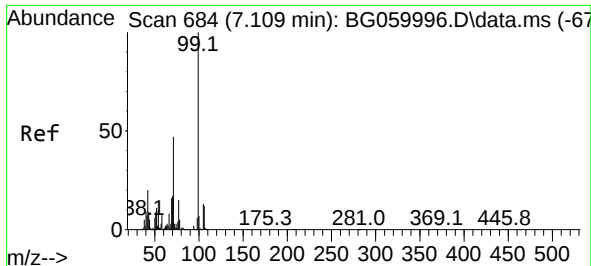
Tgt Ion:152 Resp: 60369
Ion Ratio Lower Upper
152 100
150 148.3 127.0 190.6
115 53.2 45.7 68.5



#5
2-Fluorophenol
Concen: 153.018 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:112 Resp: 539623
Ion Ratio Lower Upper
112 100
64 73.9 55.9 83.9
63 45.4 36.5 54.7

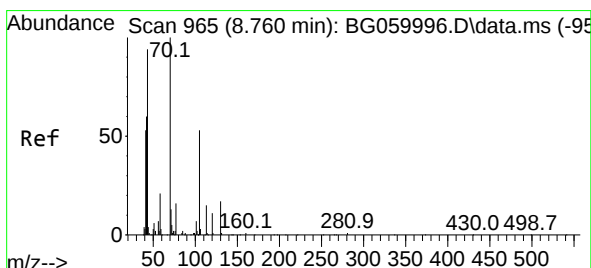
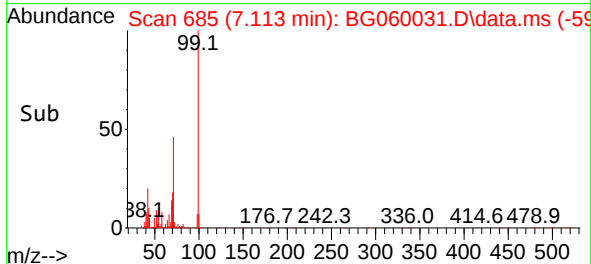
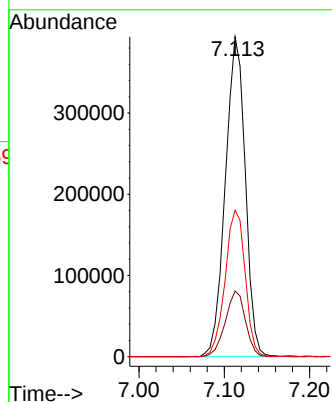
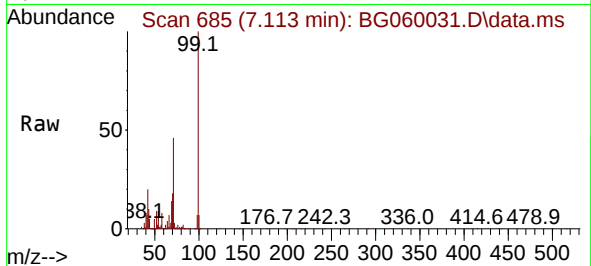




#7
Phenol-d6
Concen: 128.845 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

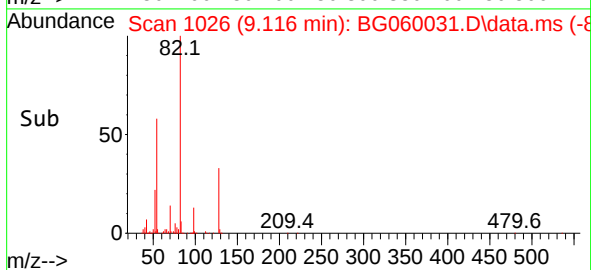
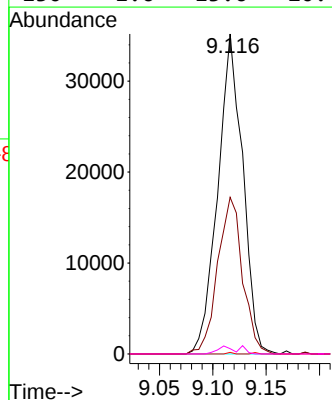
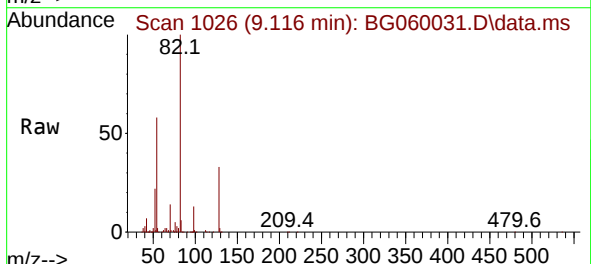
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

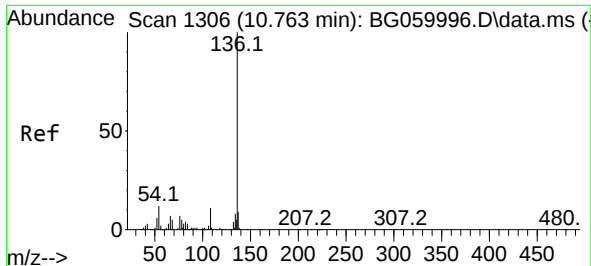
Tgt Ion: 99 Resp: 639153
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 45.7 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.855 ng
RT: 9.116 min Scan# 1026
Delta R.T. 0.356 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion: 70 Resp: 57145
Ion Ratio Lower Upper
70 100
42 48.9 48.6 73.0
101 0.5 5.7 8.5#
130 1.6 13.6 20.4#

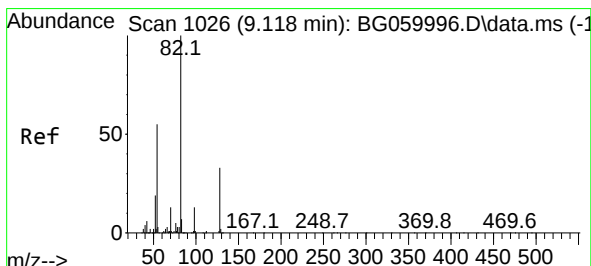
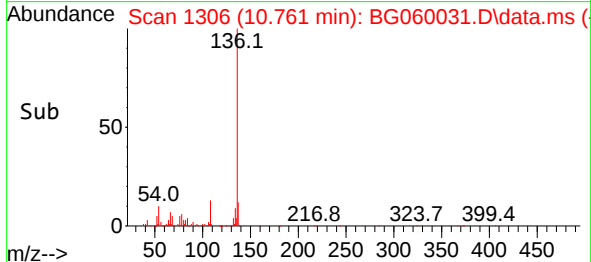
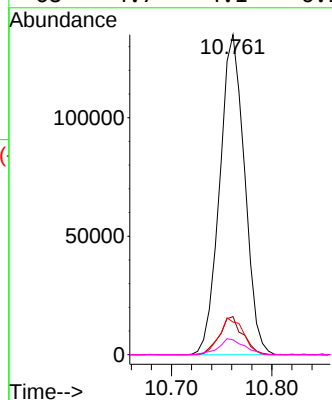
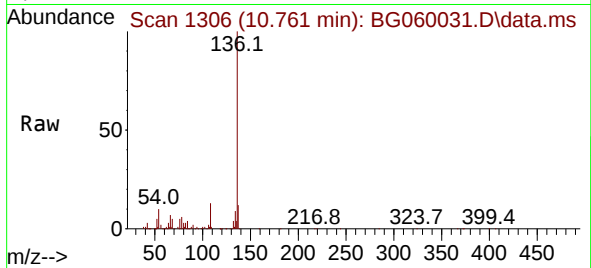




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

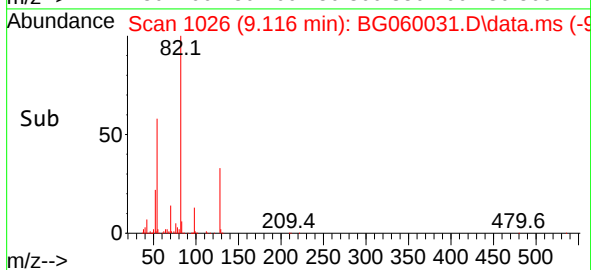
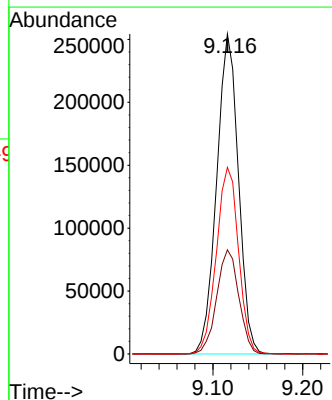
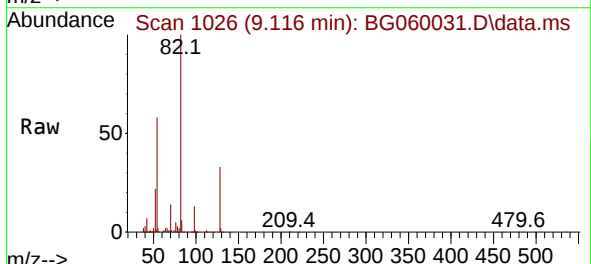
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

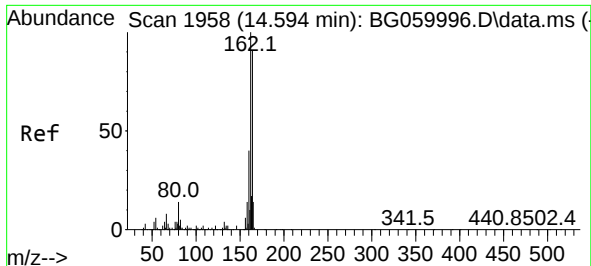
Tgt Ion:	136	Resp:	232065
Ion Ratio	Lower	Upper	
136	100		
137	11.9	7.3	10.9#
54	10.2	9.6	14.4
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 83.669 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:	82	Resp:	427603
Ion Ratio	Lower	Upper	
82	100		
128	32.5	26.3	39.5
54	58.3	44.3	66.5

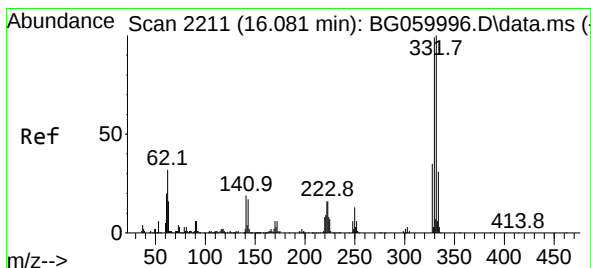
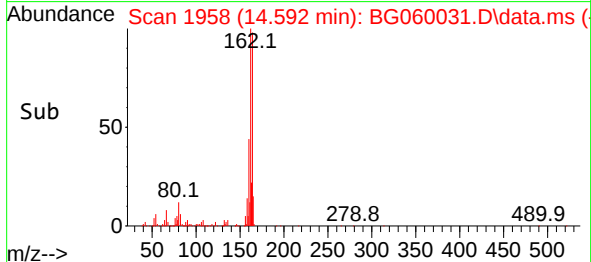
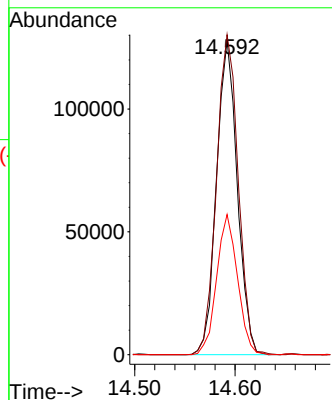
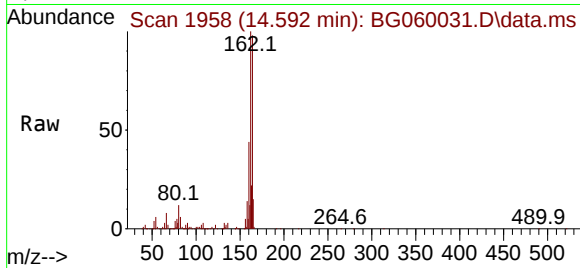




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.592 min Scan# 1958
 Delta R.T. -0.002 min
 Lab File: BG060031.D
 Acq: 15 Dec 2023 11:46

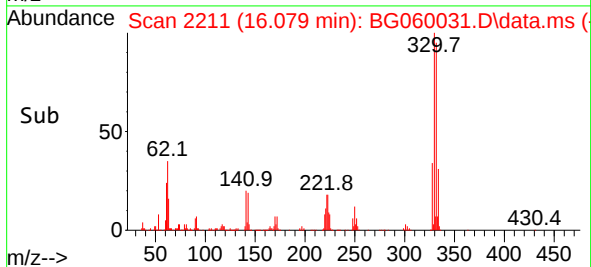
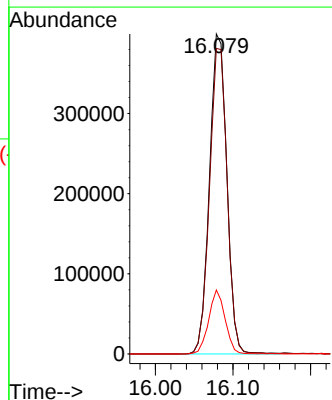
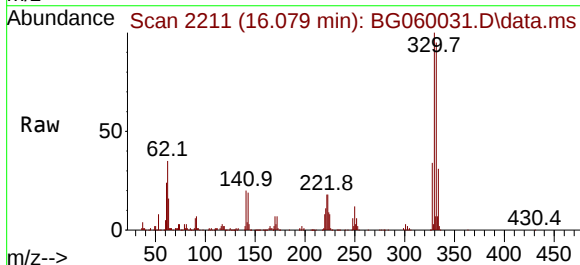
Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-13.5-14.5

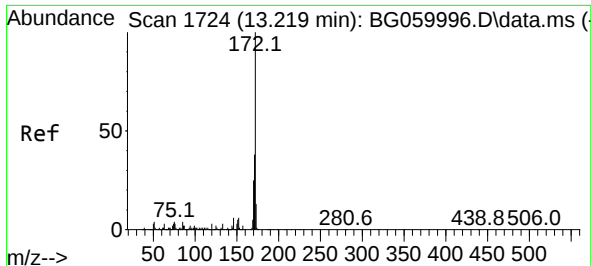
Tgt Ion:164 Resp: 183725
 Ion Ratio Lower Upper
 164 100
 162 101.8 88.1 132.1
 160 44.6 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 144.994 ng
 RT: 16.079 min Scan# 2211
 Delta R.T. -0.002 min
 Lab File: BG060031.D
 Acq: 15 Dec 2023 11:46

Tgt Ion:330 Resp: 620811
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 18.9 14.3 21.5

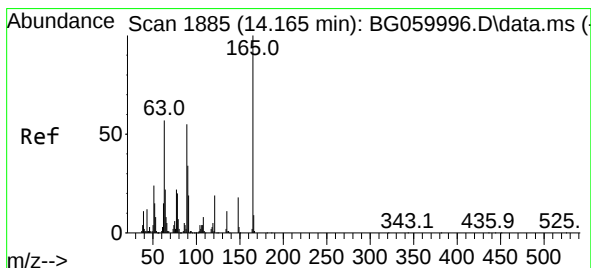
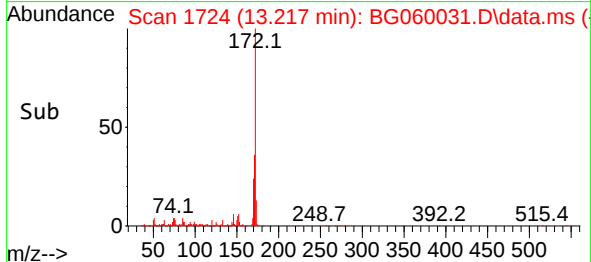
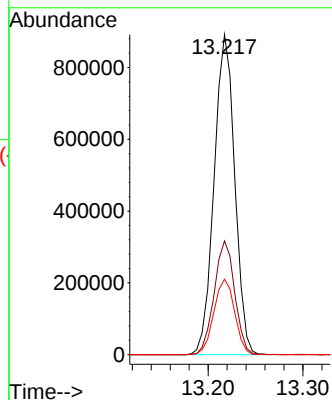
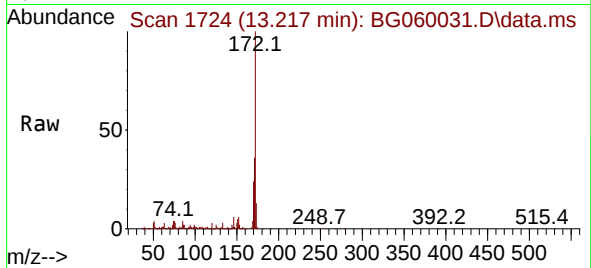




#45
2-Fluorobiphenyl
Concen: 89.842 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

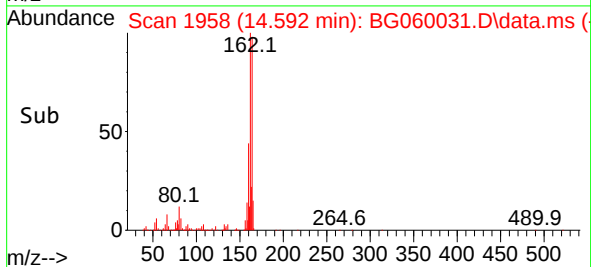
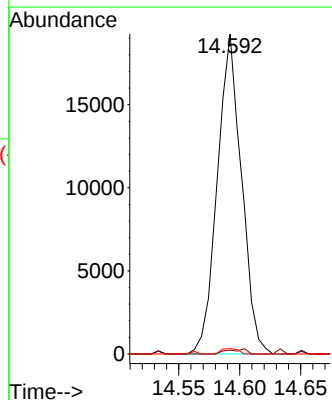
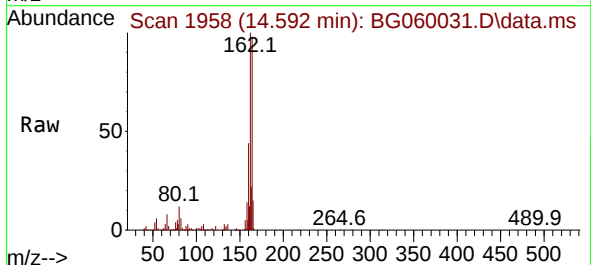
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

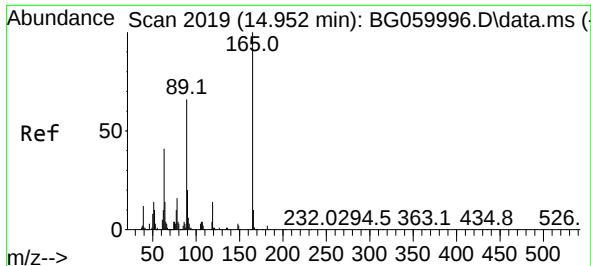
Tgt Ion:172 Resp: 1348657
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 23.6 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.997 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.427 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:165 Resp: 26579
Ion Ratio Lower Upper
165 100
63 1.2 48.2 72.2#
89 1.6 44.4 66.6#

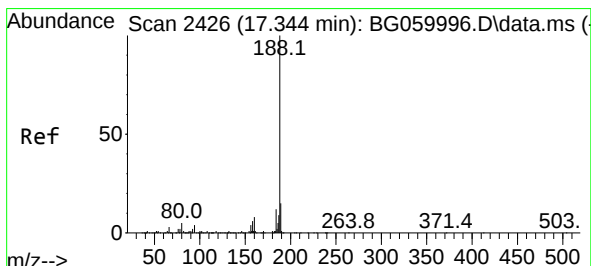
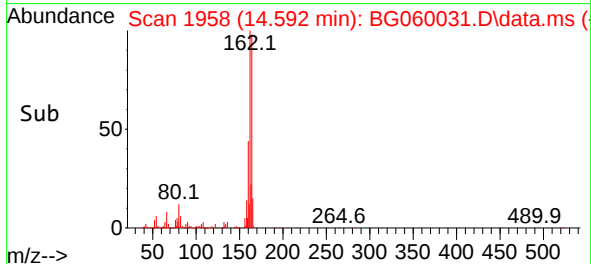
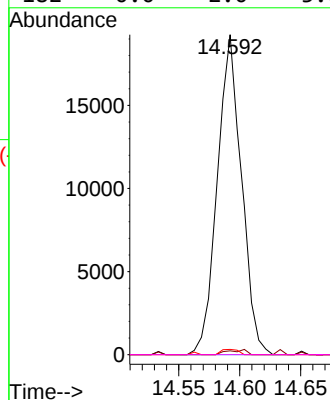
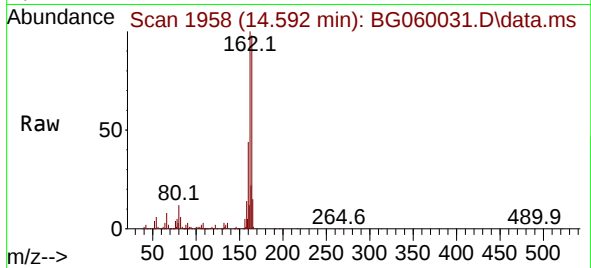




#57
2,4-Dinitrotoluene
Concen: 6.400 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.360 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

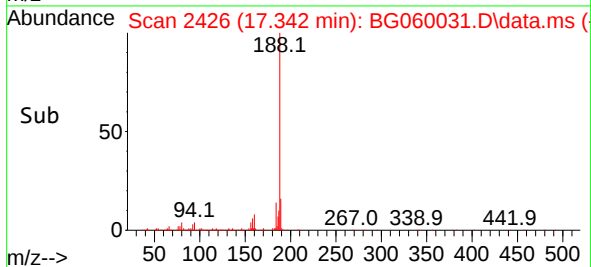
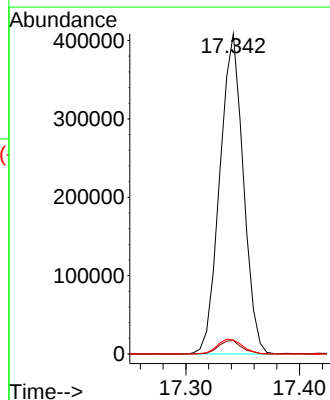
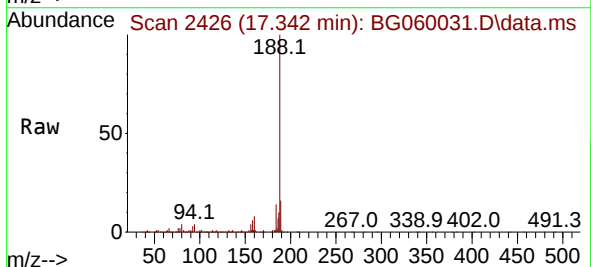
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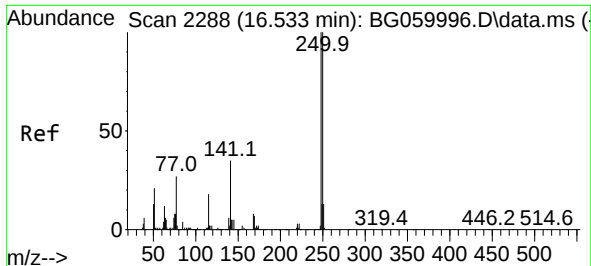
Tgt Ion:165 Resp: 26579
Ion Ratio Lower Upper
165 100
63 1.2 32.8 49.2#
89 1.6 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:188 Resp: 587539
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.4 4.0 6.0

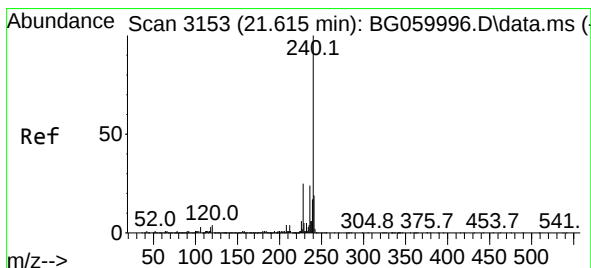
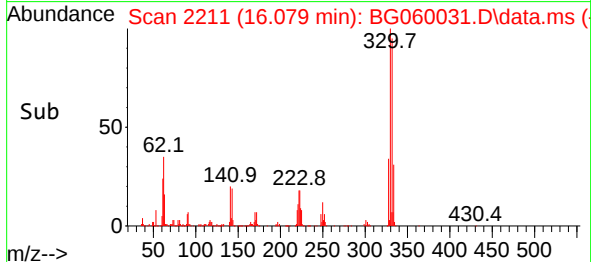
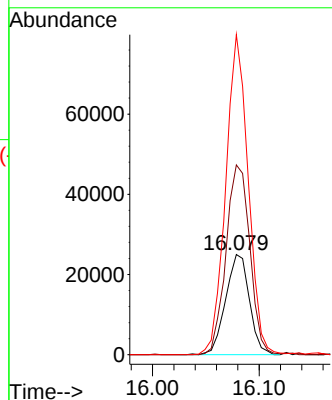
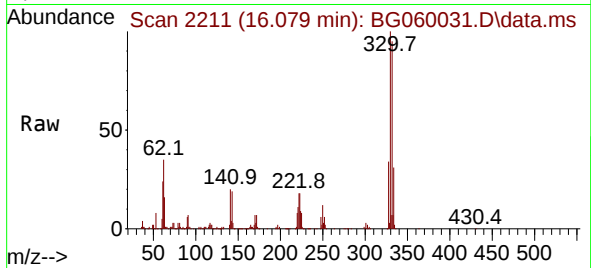




#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 16.079 min Scan# 211
Delta R.T. -0.454 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

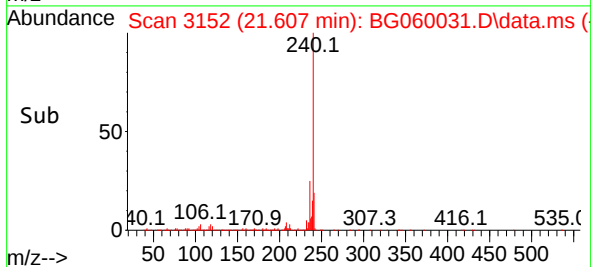
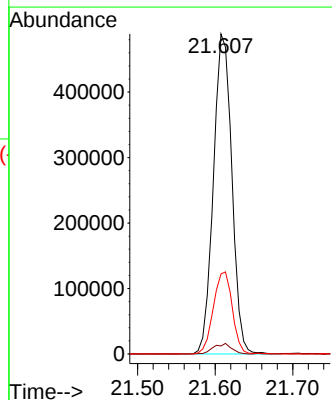
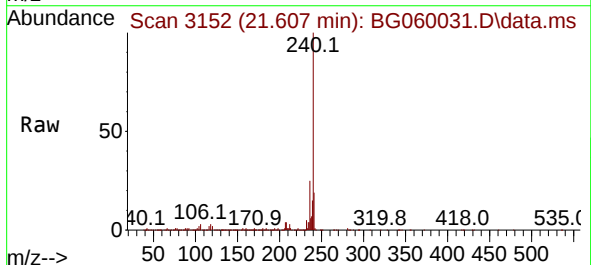
Instrument :
BNA_G
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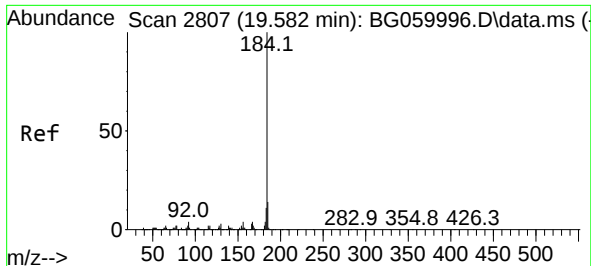
Tgt Ion:248 Resp: 38560
Ion Ratio Lower Upper
248 100
250 189.4 79.9 119.9#
141 319.4 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:240 Resp: 807158
Ion Ratio Lower Upper
240 100
120 2.5 2.9 4.3#
236 25.0 19.4 29.2

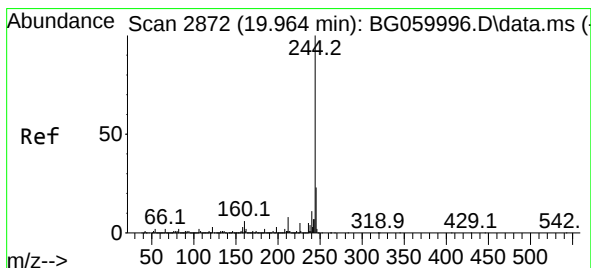
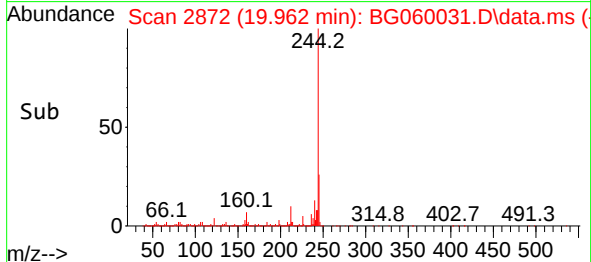
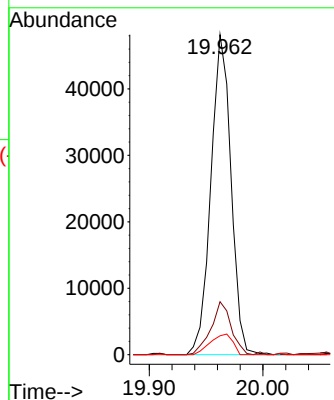
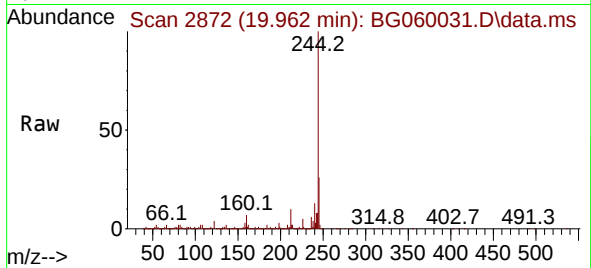




#77
Benzidine
Concen: 5.708 ng
RT: 19.962 min Scan# 2872
Delta R.T. 0.380 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

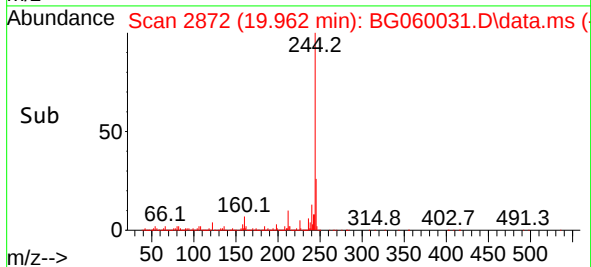
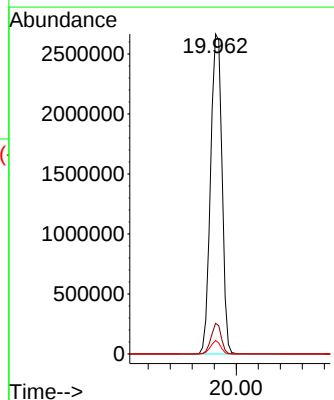
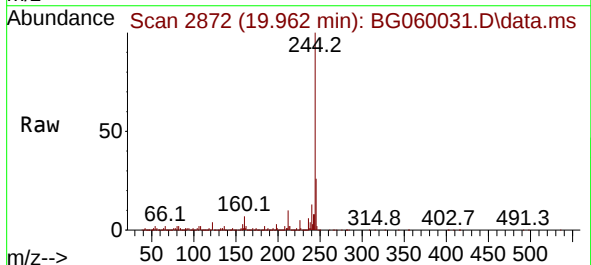
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

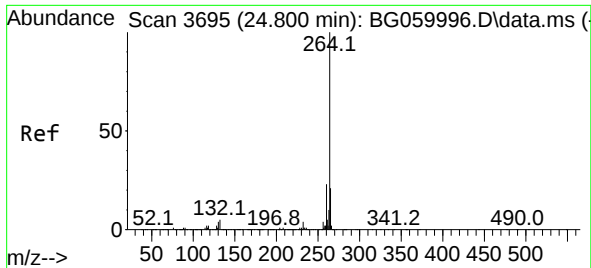
Tgt Ion:184 Resp: 59183
Ion Ratio Lower Upper
184 100
185 16.6 11.1 16.7
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.558 ng
RT: 19.962 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:244 Resp: 3826788
Ion Ratio Lower Upper
244 100
212 9.5 6.8 10.2
122 4.2 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: BG060031.D
Acq: 15 Dec 2023 11:46

Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

Tgt Ion:264 Resp: 959598

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	20.0	17.3	25.9

