

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056269.D
 Acq On : 12 Jan 2023 15:14
 Operator : CG/JU
 Sample : 01106-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3

Quant Time: Jan 13 04:26:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

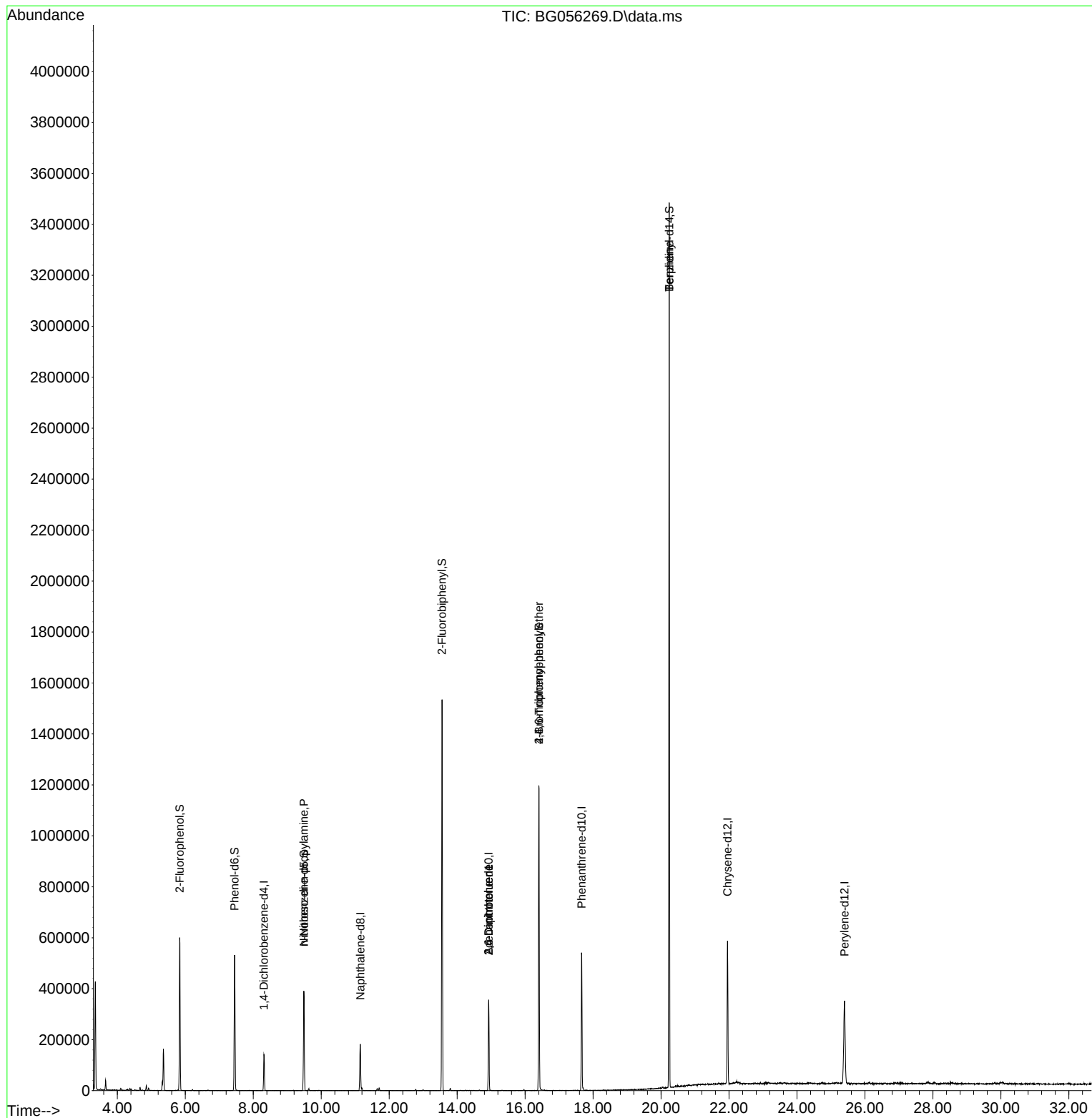
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.313	152	45359	20.000	ng	0.00
21) Naphthalene-d8	11.151	136	170602	20.000	ng	0.00
39) Acenaphthene-d10	14.929	164	142150	20.000	ng	0.00
64) Phenanthrene-d10	17.661	188	385751	20.000	ng	0.00
76) Chrysene-d12	21.956	240	376712	20.000	ng	# 0.00
86) Perylene-d12	25.399	264	407651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	333068	131.108	ng	0.00
7) Phenol-d6	7.450	99	427478	109.572	ng	0.00
23) Nitrobenzene-d5	9.488	82	280292	84.040	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	254807	141.535	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	902811	87.702	ng	0.00
79) Terphenyl-d14	20.241	244	1931396	91.827	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.488	70	35227	14.849	ng	# 74
51) 2,6-Dinitrotoluene	14.929	165	18894	7.727	ng	# 31
57) 2,4-Dinitrotoluene	14.929	165	18894	5.525	ng	# 28
67) 4-Bromophenyl-phenylether	16.410	248	21517	4.380	ng	# 1
77) Benzidine	20.241	184	27329	2.070	ng	# 93

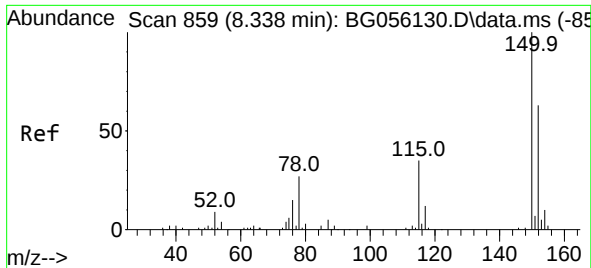
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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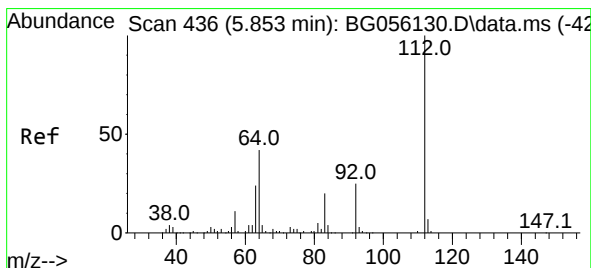
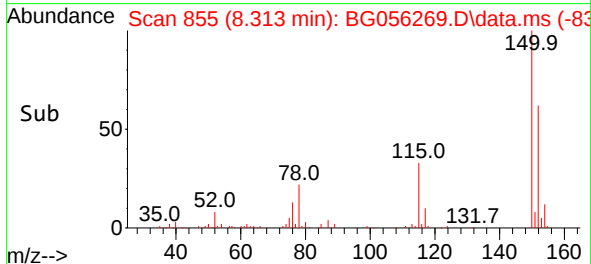
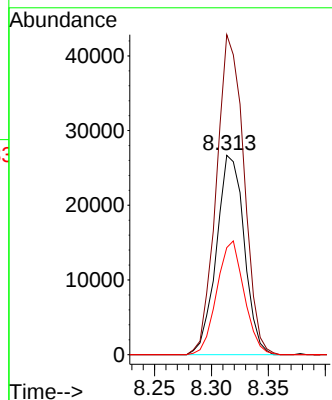
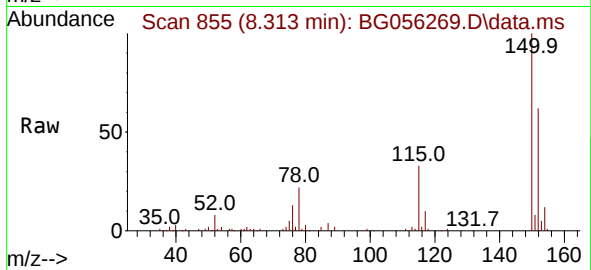




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.313 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

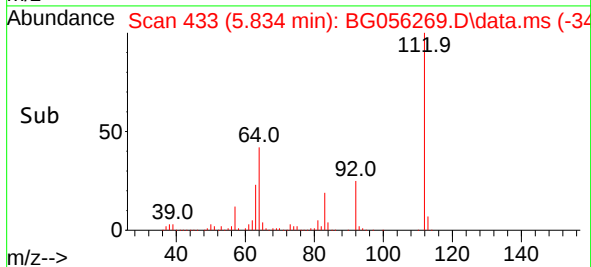
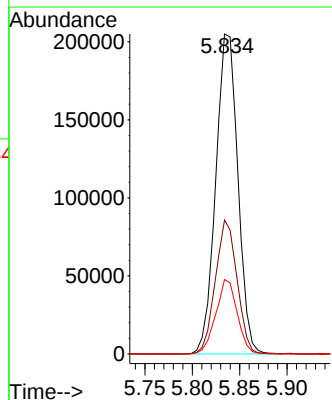
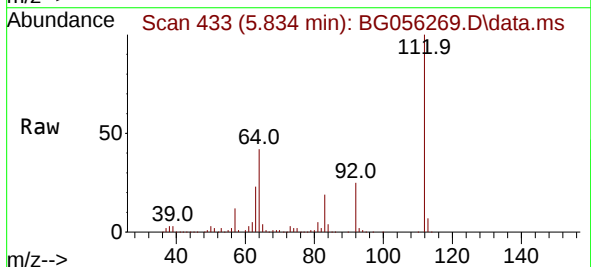
Instrument :
BNA_G
ClientSampleId :
MH-3

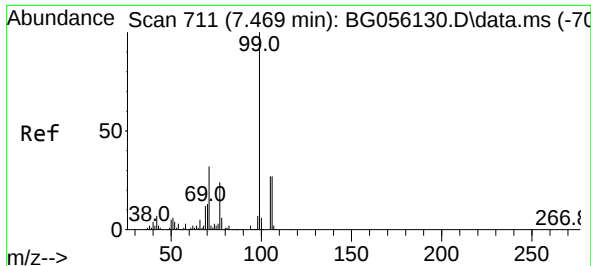
Tgt Ion:152 Resp: 45359
Ion Ratio Lower Upper
152 100
150 160.5 127.9 191.9
115 53.7 44.2 66.2



#5
2-Fluorophenol
Concen: 131.108 ng
RT: 5.834 min Scan# 433
Delta R.T. 0.008 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:112 Resp: 333068
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 23.3 19.0 28.4

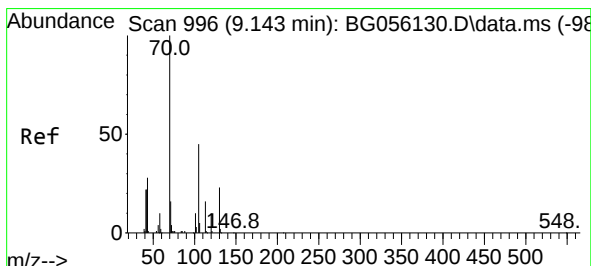
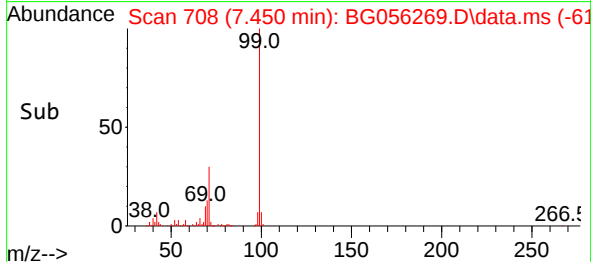
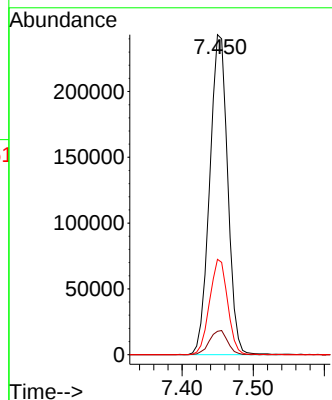
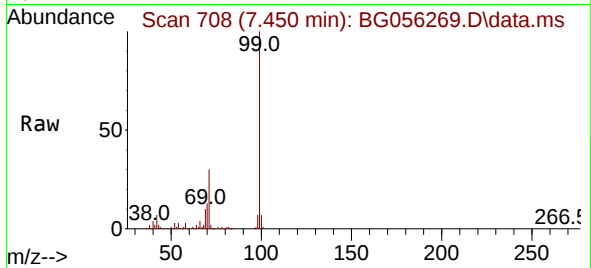




#7
Phenol-d6
Concen: 109.572 ng
RT: 7.450 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

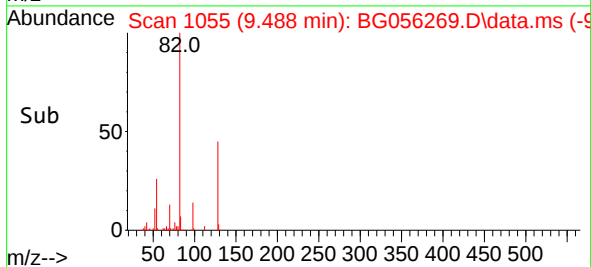
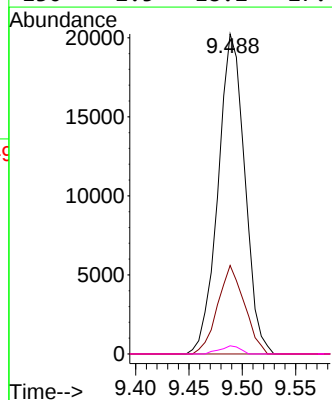
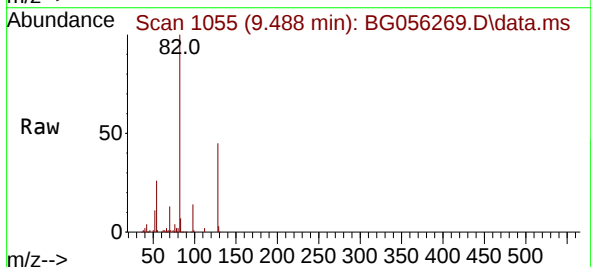
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ClientSampleId :
MH-3

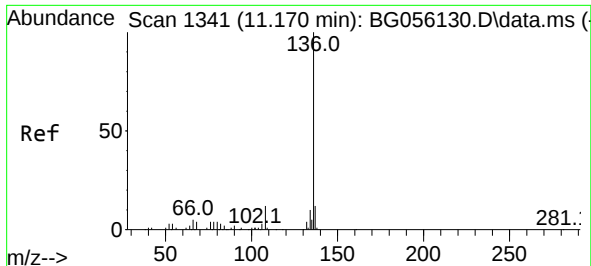
Tgt Ion: 99 Resp: 427478
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.849 ng
RT: 9.488 min Scan# 1055
Delta R.T. 0.373 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion: 70 Resp: 35227
Ion Ratio Lower Upper
70 100
42 27.6 18.2 27.2#
101 0.0 8.3 12.5#
130 2.5 18.2 27.4#

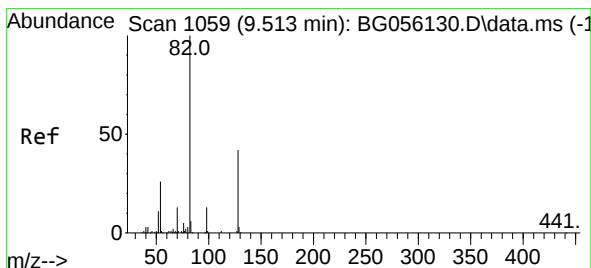
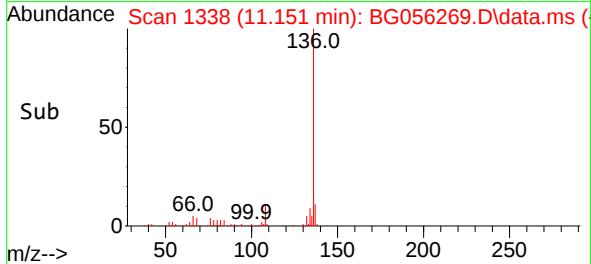
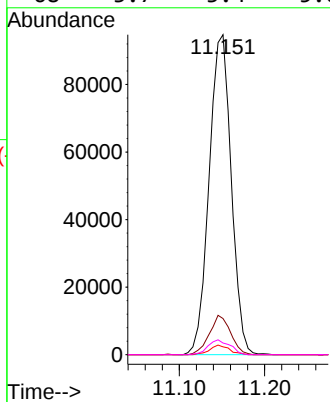
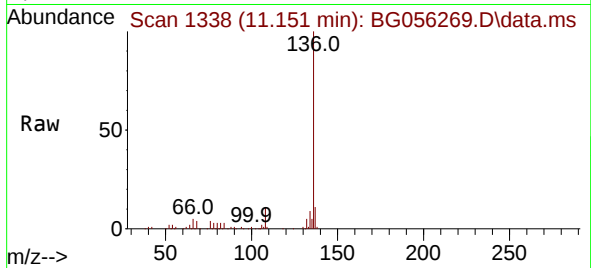




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.151 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

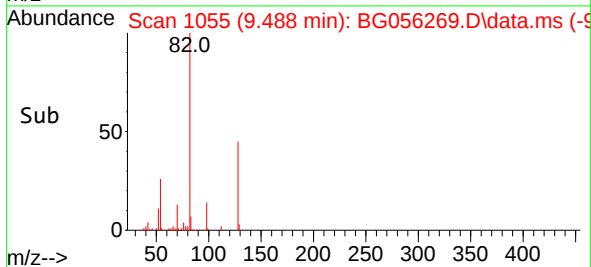
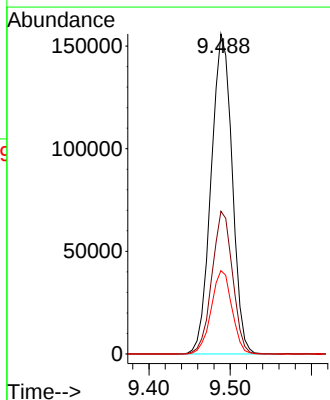
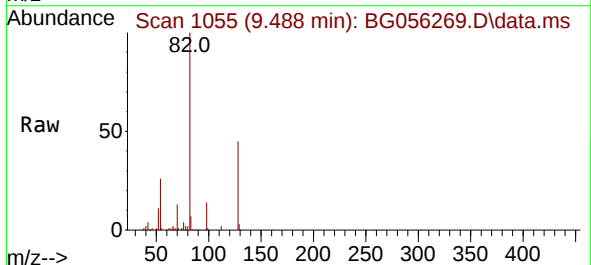
Instrument :
BNA_G
ClientSampleId :
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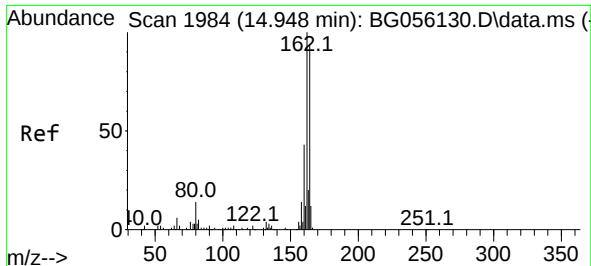
Tgt Ion:	136	Resp:	170602
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	2.5	2.2	3.2
68	3.7	3.4	5.0



#23
Nitrobenzene-d5
Concen: 84.040 ng
RT: 9.488 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:	82	Resp:	280292
Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.4	50.2
54	26.0	20.3	30.5

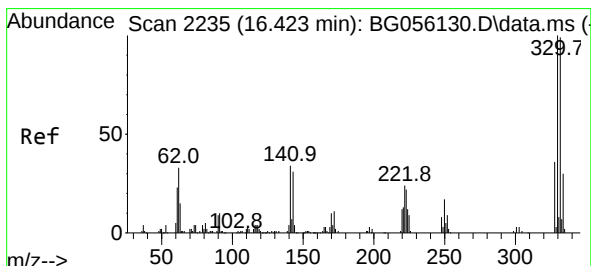
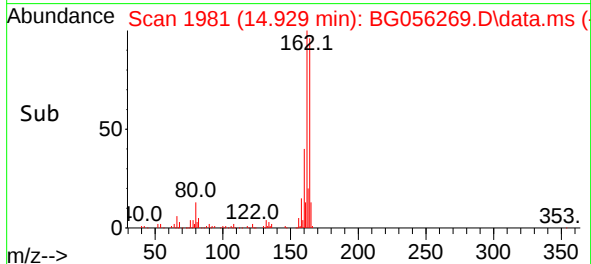
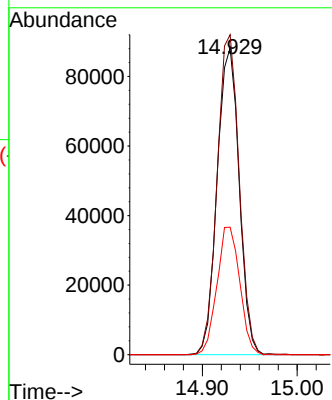
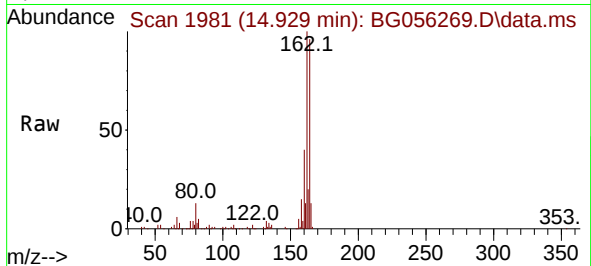




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.929 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

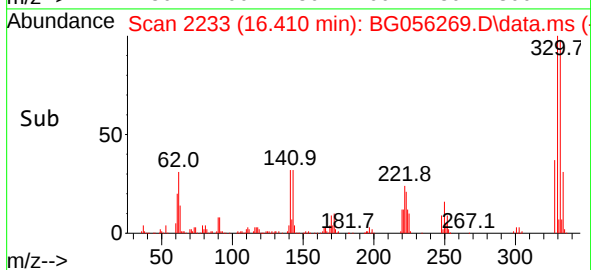
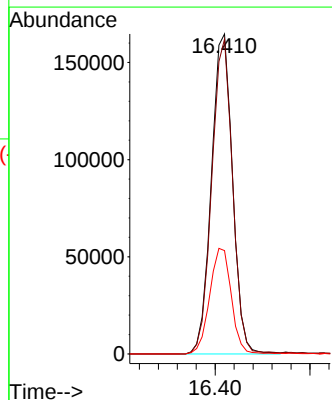
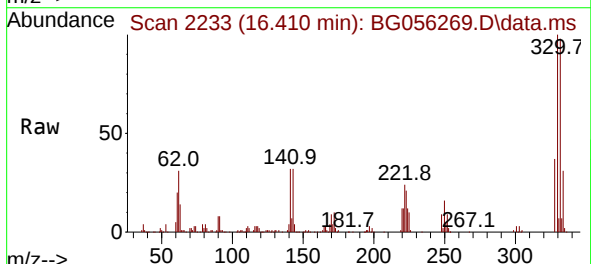
Instrument :
BNA_G
ClientSampleId :
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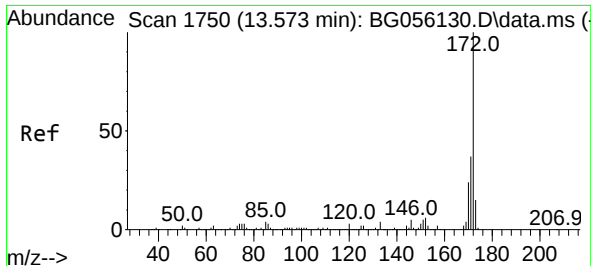
Tgt Ion:164 Resp: 142150
Ion Ratio Lower Upper
164 100
162 104.3 84.7 127.1
160 41.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 141.535 ng
RT: 16.410 min Scan# 2233
Delta R.T. 0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:330 Resp: 254807
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.8 27.9 41.9

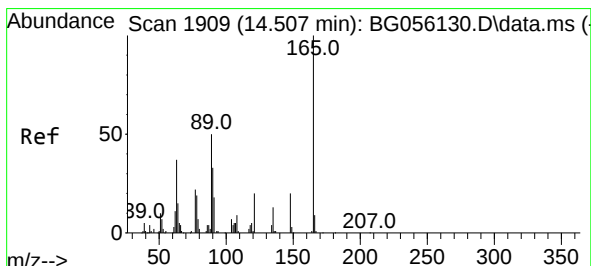
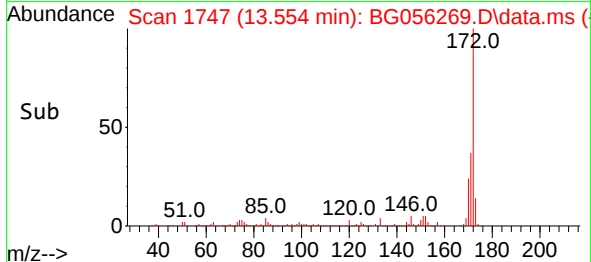
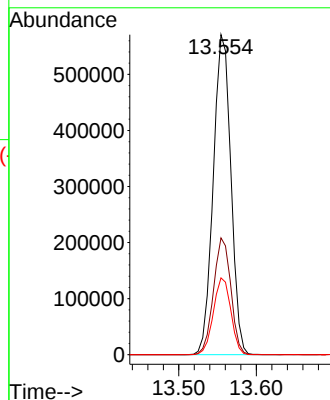
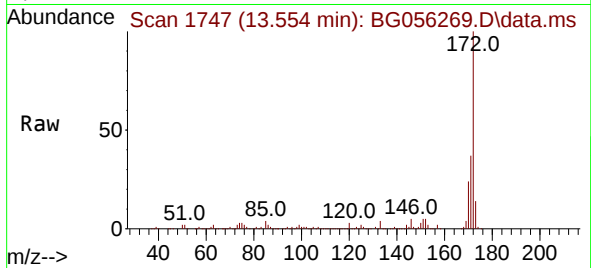




#45
2-Fluorobiphenyl
Concen: 87.702 ng
RT: 13.554 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

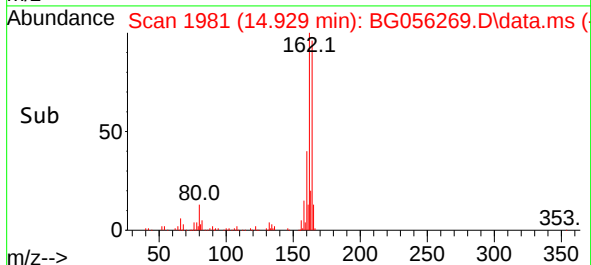
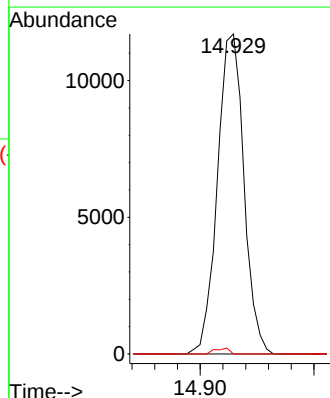
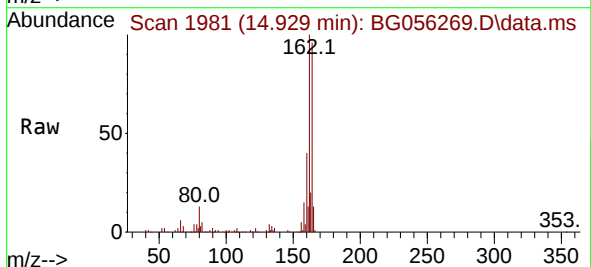
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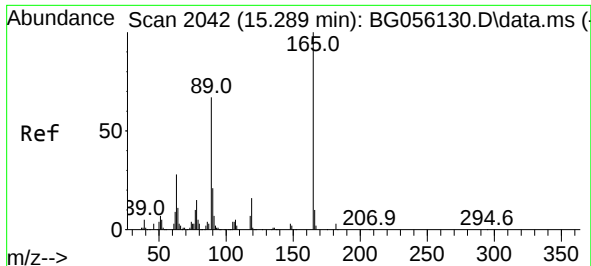
Tgt Ion:172 Resp: 902811
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.437 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:165 Resp: 18894
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

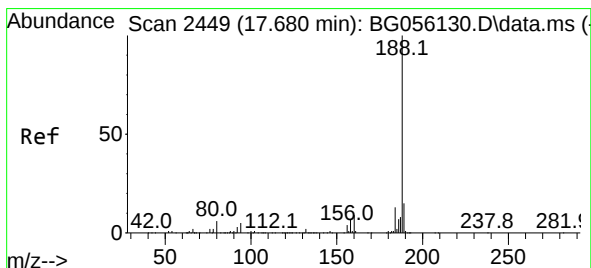
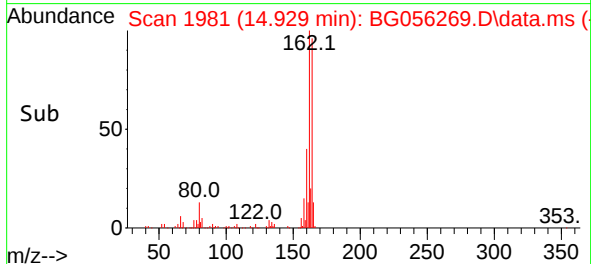
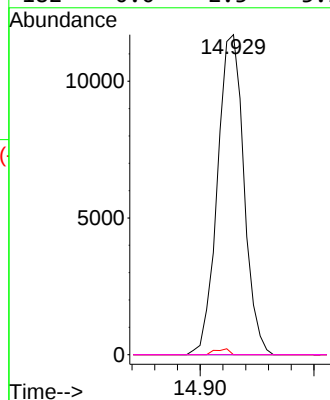
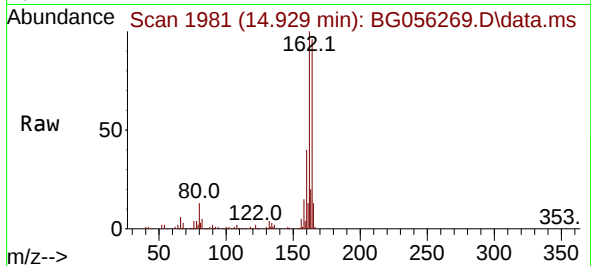




#57
2,4-Dinitrotoluene
Concen: 5.525 ng
RT: 14.929 min Scan# 1981
Delta R.T. -0.344 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

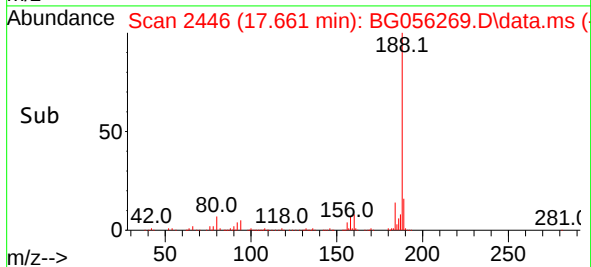
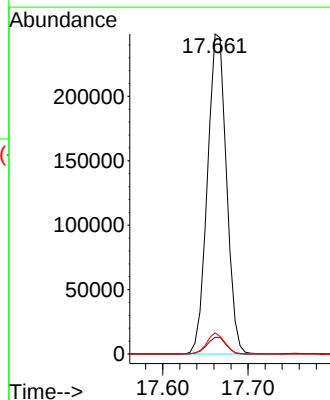
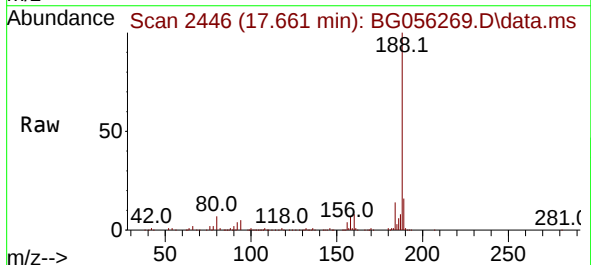
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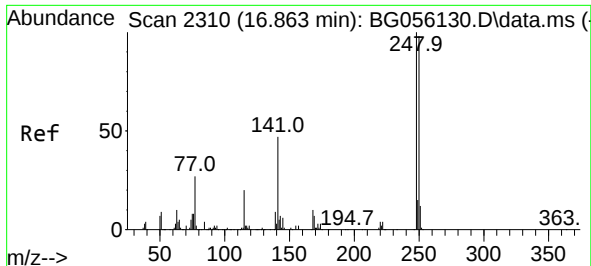
Tgt Ion:165 Resp: 18894
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:188 Resp: 385751
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.6 5.0 7.4

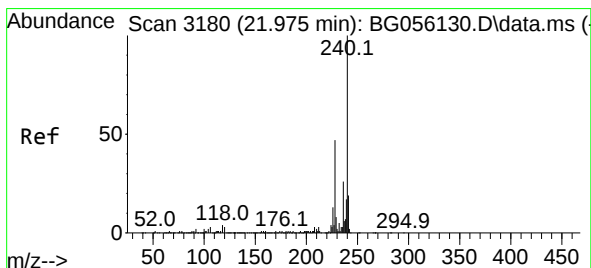
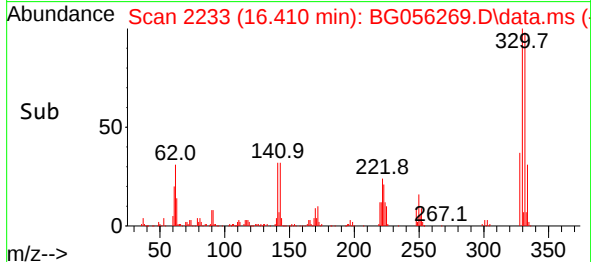
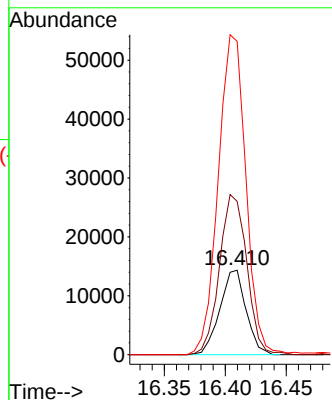
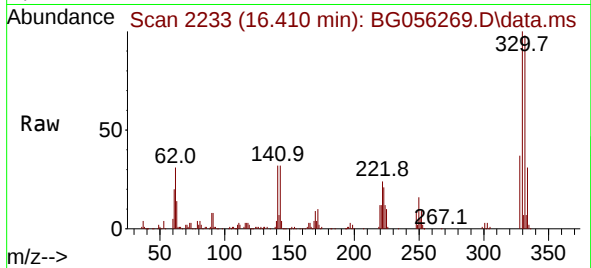




#67
4-Bromophenyl-phenylether
Concen: 4.380 ng
RT: 16.410 min Scan# 21517
Delta R.T. -0.438 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

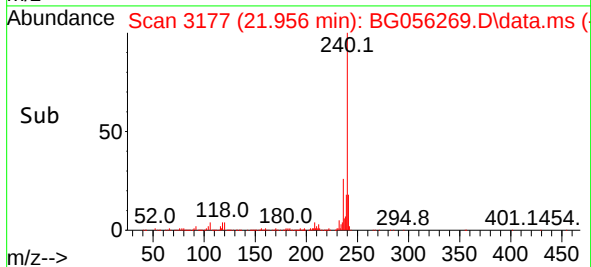
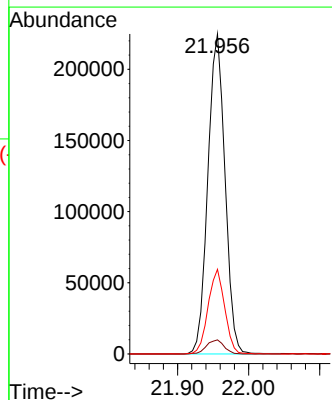
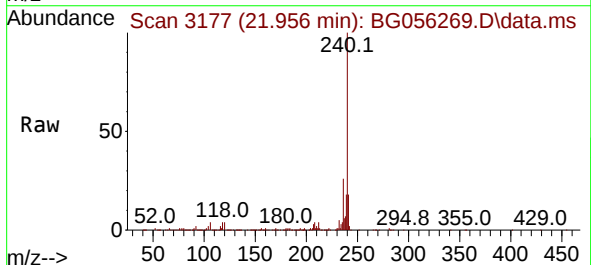
Instrument :
BNA_G
ClientSampleId :
MH-3

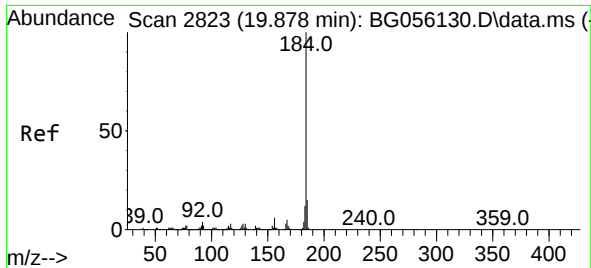
Tgt Ion:248 Resp: 21517
Ion Ratio Lower Upper
248 100
250 181.4 78.2 117.4#
141 370.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.956 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:240 Resp: 376712
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 26.5 20.8 31.2

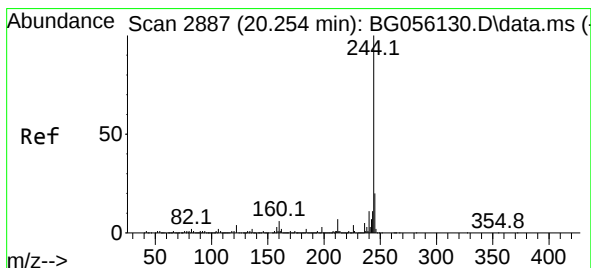
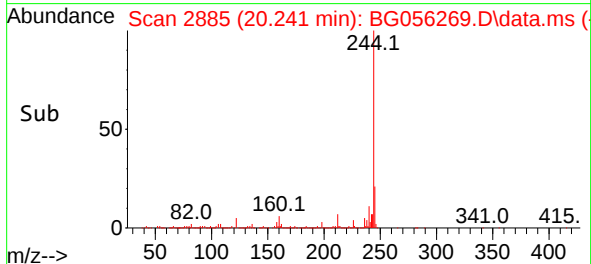
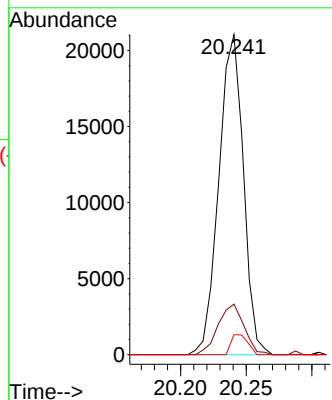
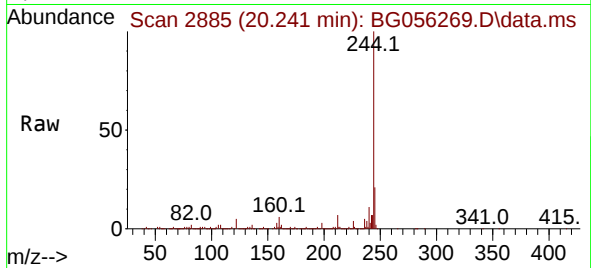




#77
Benzidine
Concen: 2.070 ng
RT: 20.241 min Scan# 2885
Delta R.T. 0.379 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

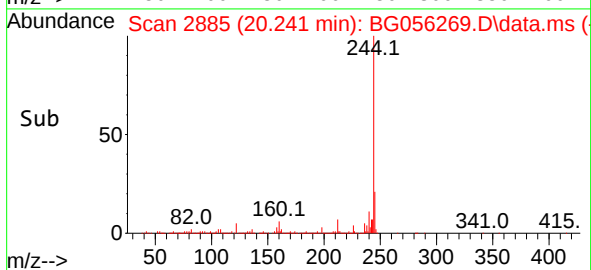
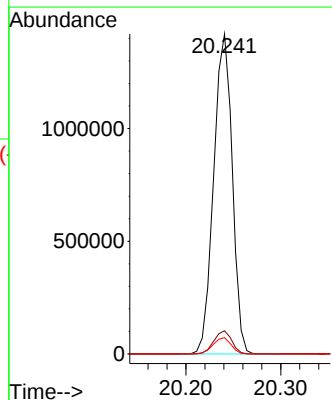
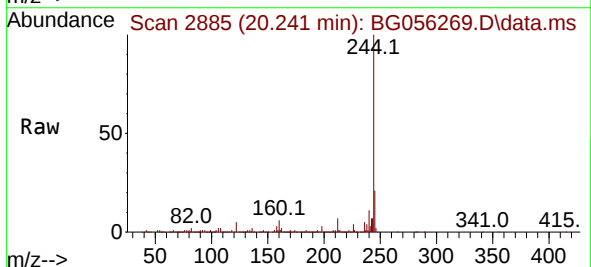
Instrument :
BNA_G
ClientSampleId :
MH-3

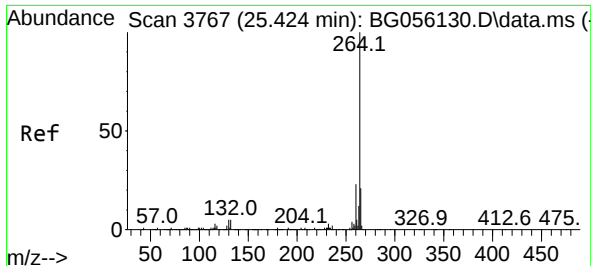
Tgt Ion:184 Resp: 27329
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.827 ng
RT: 20.241 min Scan# 2885
Delta R.T. 0.003 min
Lab File: BG056269.D
Acq: 12 Jan 2023 15:14

Tgt Ion:244 Resp: 1931396
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.1 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.399 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056269.D

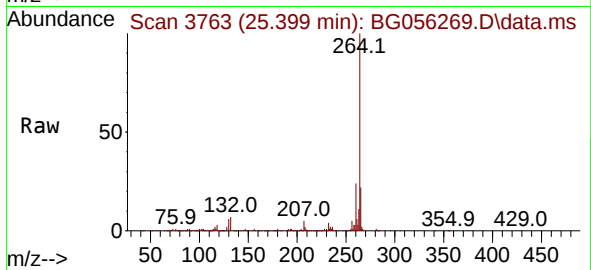
Acq: 12 Jan 2023 15:14

Instrument :

BNA_G

ClientSampleId :

MH-3



Tgt Ion:264 Resp: 407651

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.7 16.7 25.1

