

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056190.D
 Acq On : 3 Jan 2023 17:40
 Operator : CG/JU
 Sample : N6243-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Quant Time: Jan 04 02:15:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

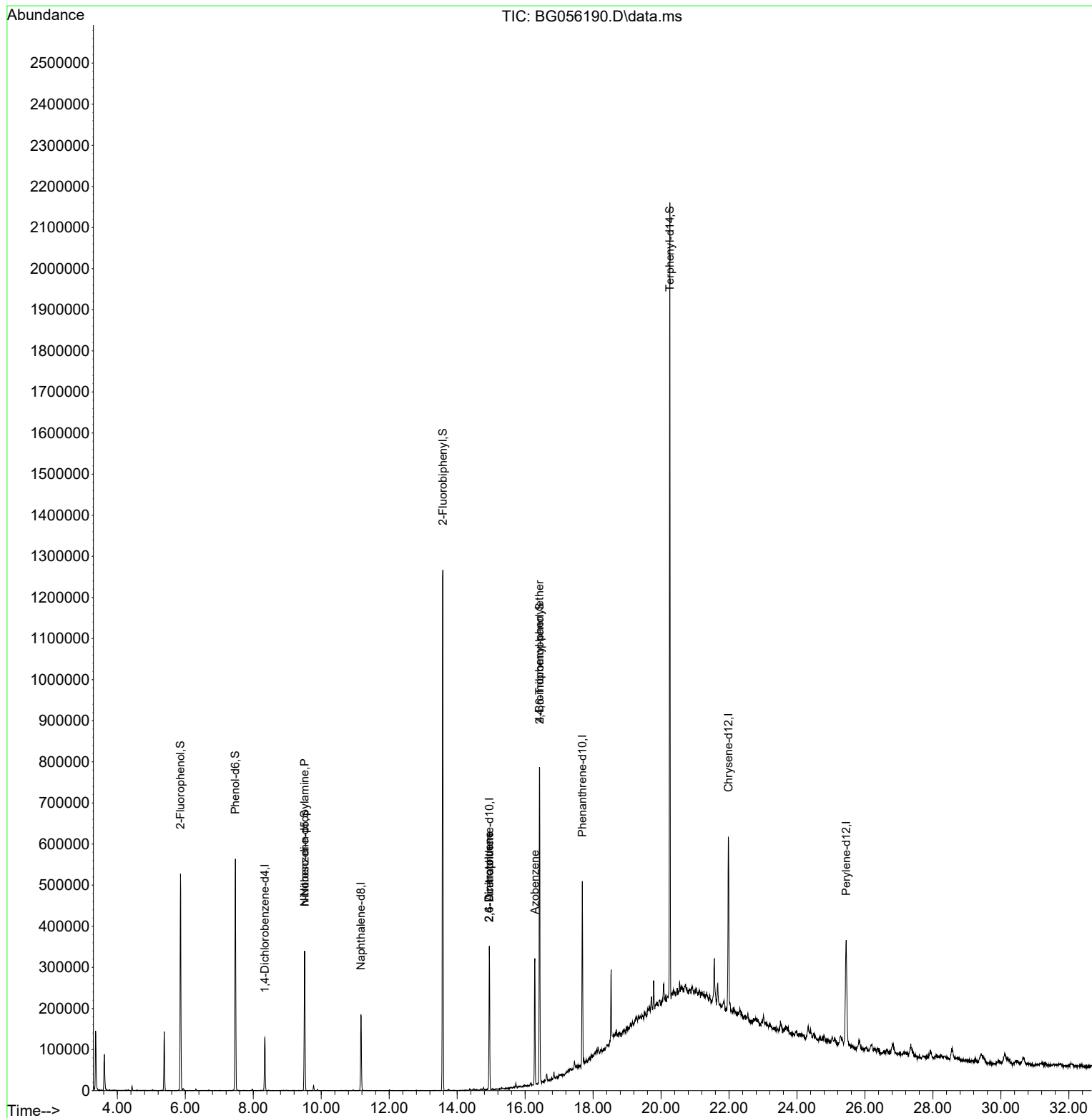
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	43371	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	171000	20.000	ng	0.00
39) Acenaphthene-d10	14.946	164	134447	20.000	ng	0.00
64) Phenanthrene-d10	17.684	188	308343	20.000	ng	0.00
76) Chrysene-d12	21.979	240	292783	20.000	ng	# 0.00
86) Perylene-d12	25.446	264	319721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	294675	121.312	ng	0.01
7) Phenol-d6	7.473	99	421218	112.916	ng	0.00
23) Nitrobenzene-d5	9.512	82	243365	72.798	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	159201	93.496	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	743826	76.398	ng	0.00
79) Terphenyl-d14	20.258	244	1044552	63.899	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.512	70	31461	13.869	ng	# 70
51) 2,6-Dinitrotoluene	14.941	165	17356	7.505	ng	# 32
57) 2,4-Dinitrotoluene	14.941	165	17356	5.366	ng	# 29
63) Azobenzene	16.286	77	86424	11.003	ng	# 1
67) 4-Bromophenyl-phenylether	16.421	248	13777	3.509	ng	# 1

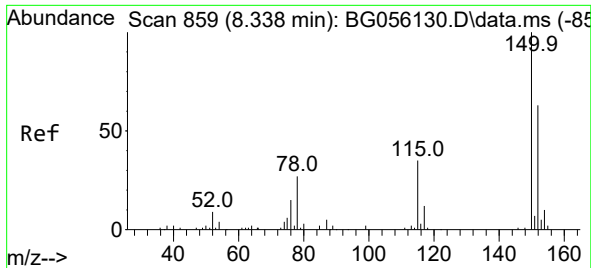
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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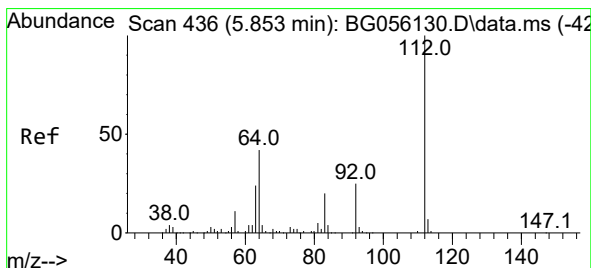
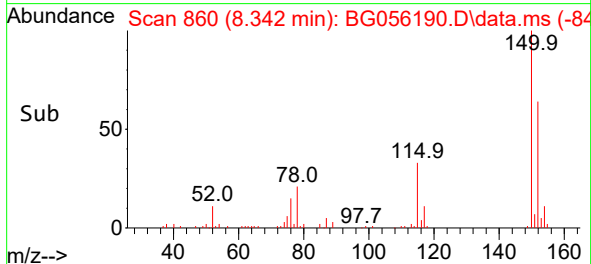
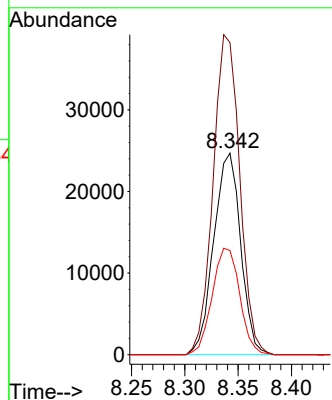
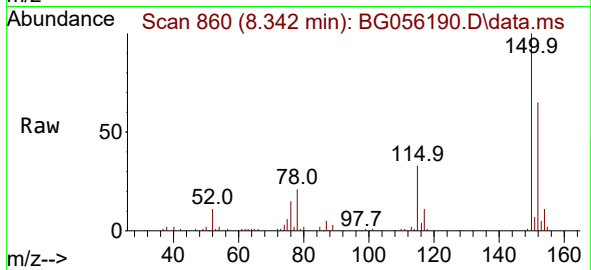




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

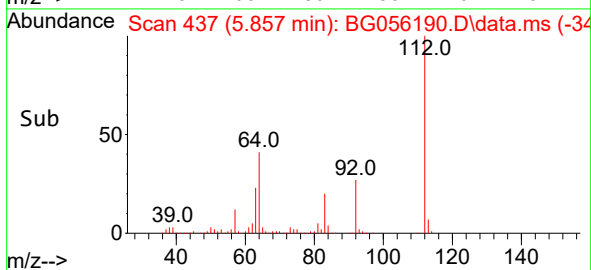
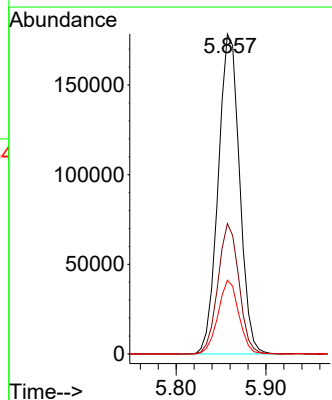
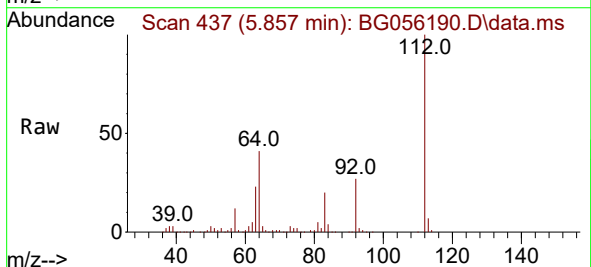
Instrument :
BNA_G
ClientSampleId :
PE-7

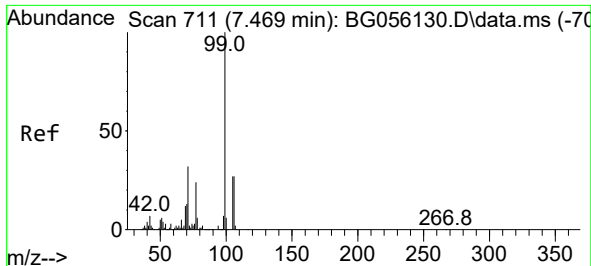
Tgt Ion:152 Resp: 43371
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 51.7 44.2 66.2



#5
2-Fluorophenol
Concen: 121.312 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.010 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion:112 Resp: 294675
Ion Ratio Lower Upper
112 100
64 40.7 33.3 49.9
63 23.1 19.0 28.4

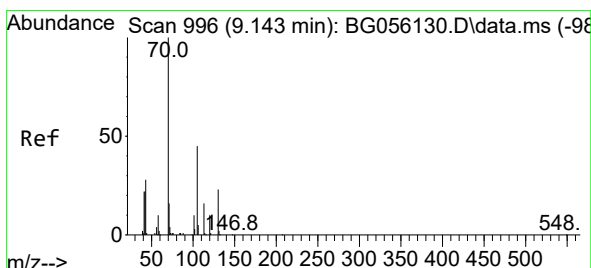
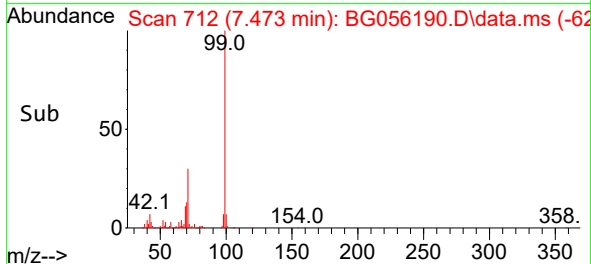
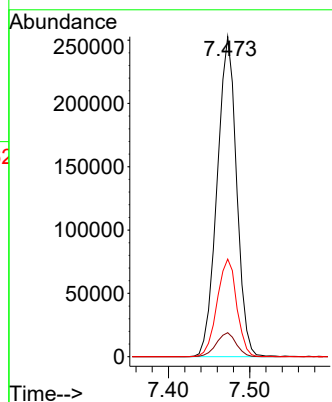
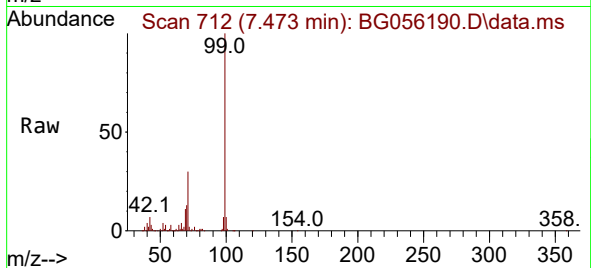




#7
Phenol-d6
Concen: 112.916 ng
RT: 7.473 min Scan# 711
Delta R.T. 0.004 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

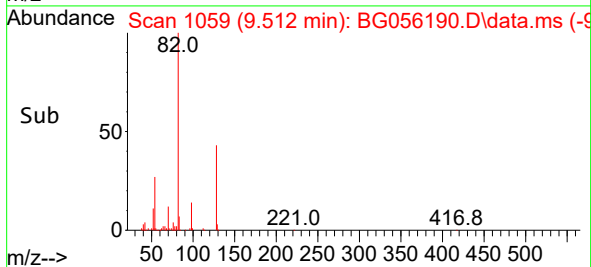
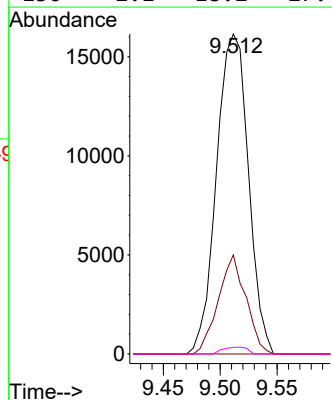
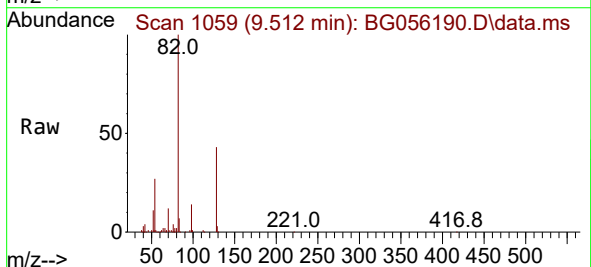
Instrument :
BNA_G
ClientSampleId :
PE-7

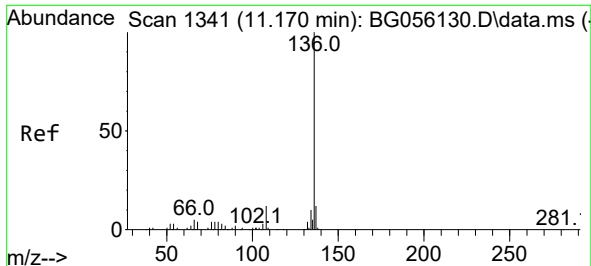
Tgt Ion: 99 Resp: 421218
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 30.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.869 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.374 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion: 70 Resp: 31461
Ion Ratio Lower Upper
70 100
42 31.0 18.2 27.2#
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

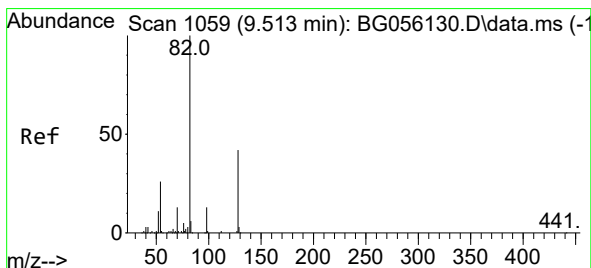
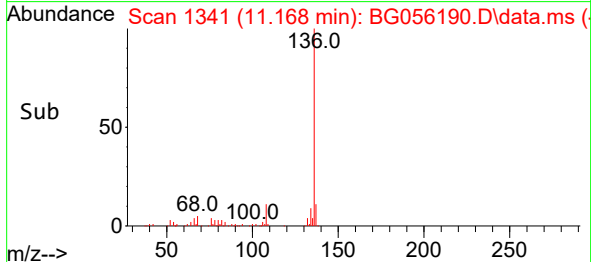
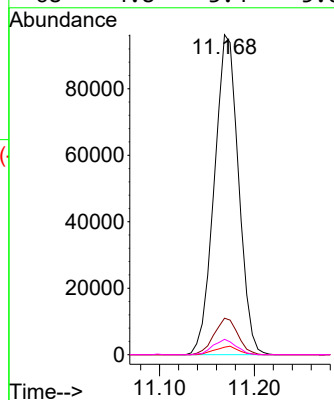
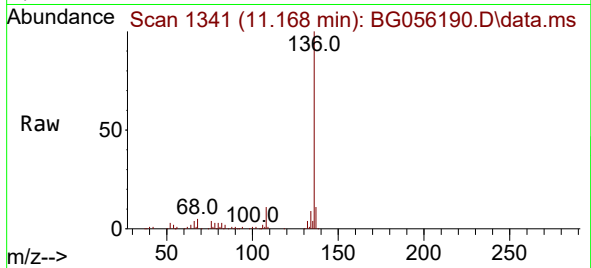




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

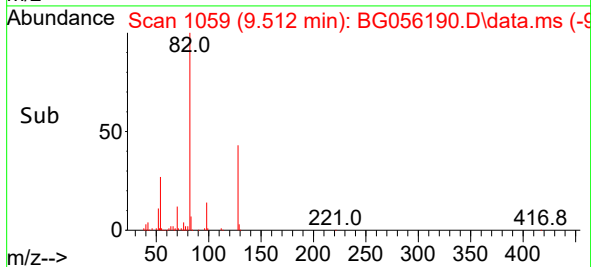
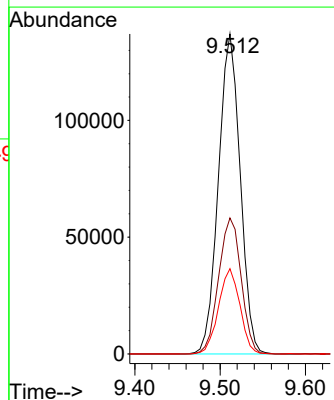
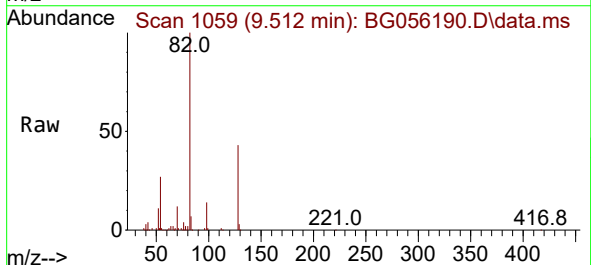
Instrument :
BNA_G
ClientSampleId :
PE-7

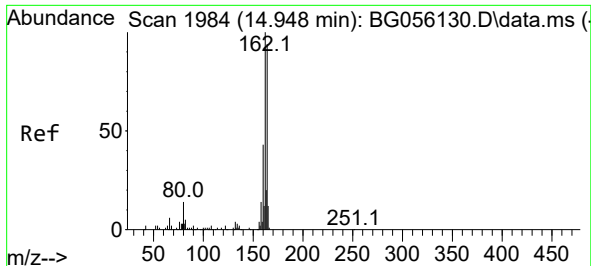
Tgt Ion:136 Resp: 171000
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.5 2.2 3.2
68 4.8 3.4 5.0



#23
Nitrobenzene-d5
Concen: 72.798 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.004 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion: 82 Resp: 243365
Ion Ratio Lower Upper
82 100
128 42.5 33.4 50.2
54 26.7 20.3 30.5

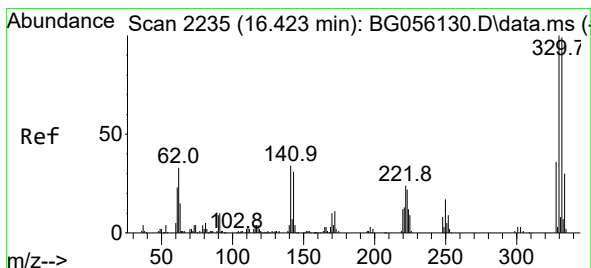
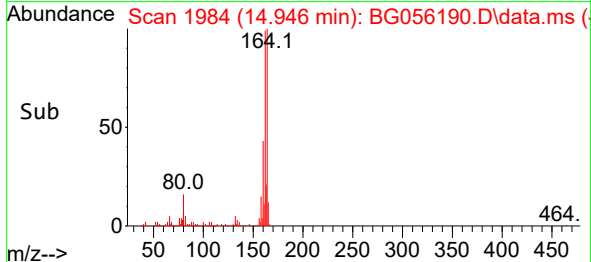
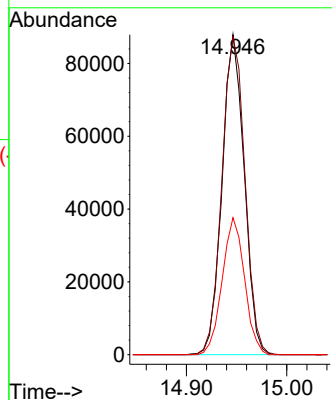
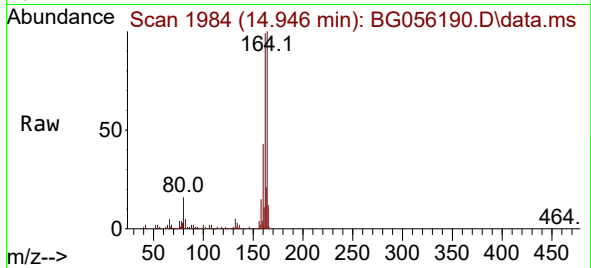




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.946 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

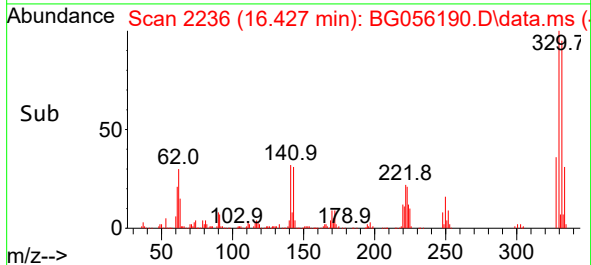
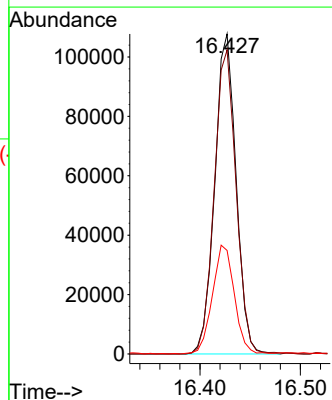
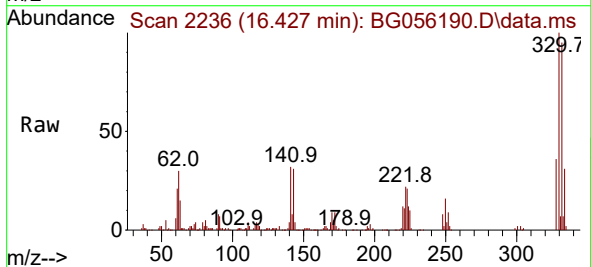
Instrument :
BNA_G
ClientSampleId :
PE-7

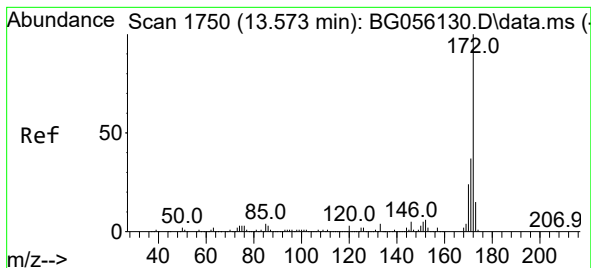
Tgt Ion:164 Resp: 134447
Ion Ratio Lower Upper
164 100
162 99.5 84.7 127.1
160 42.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 93.496 ng
RT: 16.427 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion:330 Resp: 159201
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 35.1 27.9 41.9

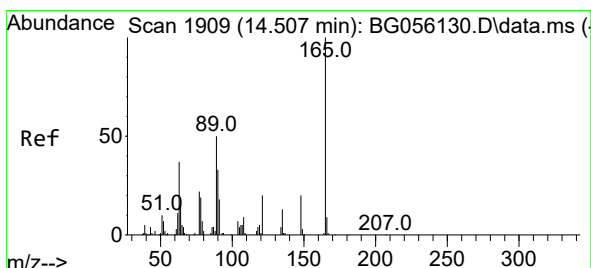
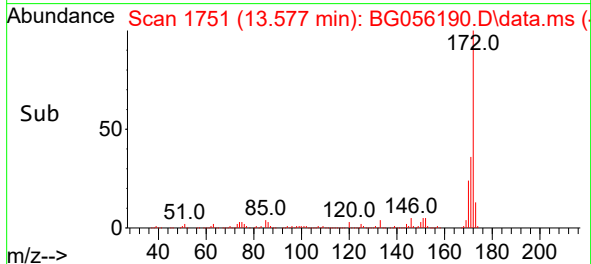
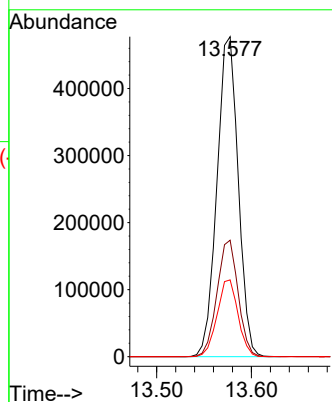
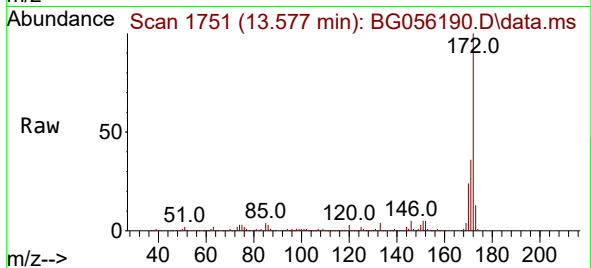




#45
2-Fluorobiphenyl
Concen: 76.398 ng
RT: 13.577 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

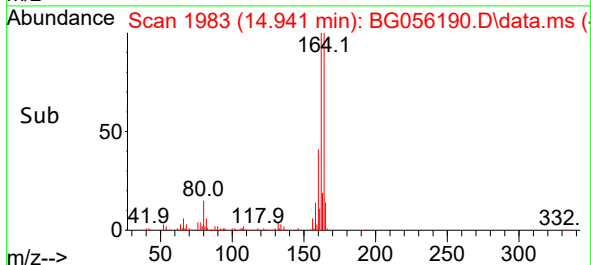
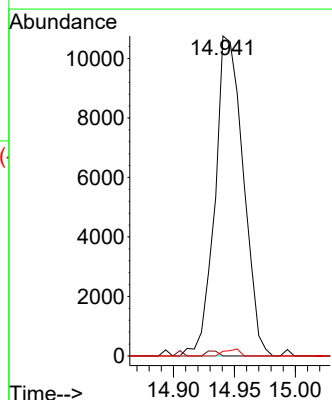
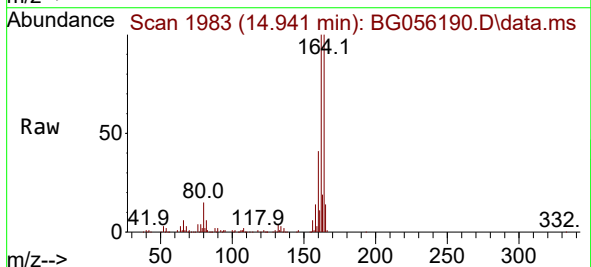
Instrument :
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ClientSampleId :
PE-7

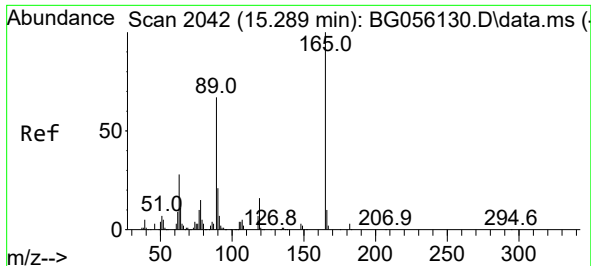
Tgt Ion:172 Resp: 743826
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.505 ng
RT: 14.941 min Scan# 1983
Delta R.T. 0.427 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion:165 Resp: 17356
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#

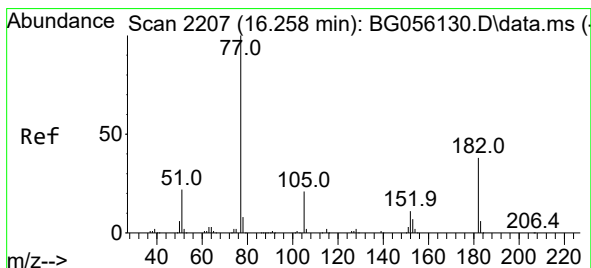
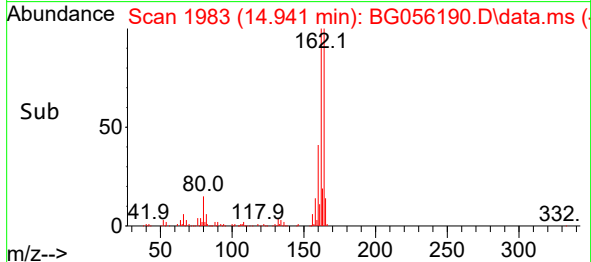
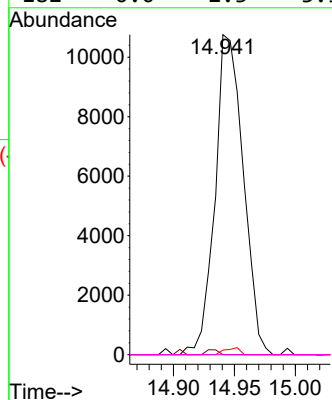
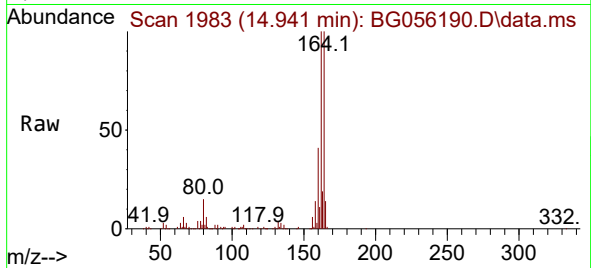




#57
2,4-Dinitrotoluene
Concen: 5.366 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.354 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

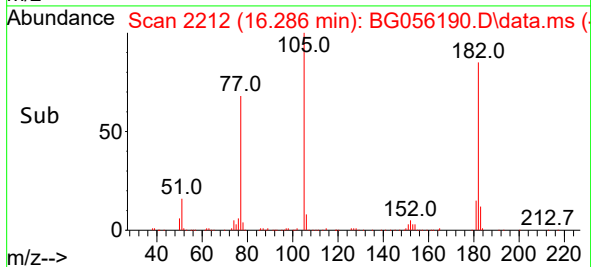
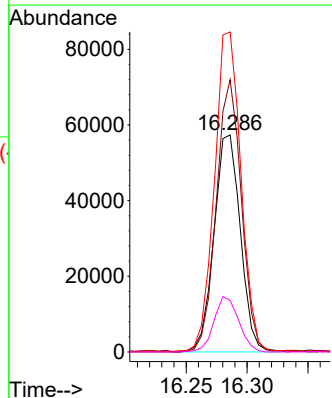
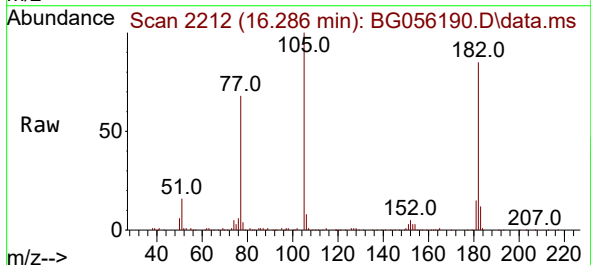
Instrument :
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PE-7

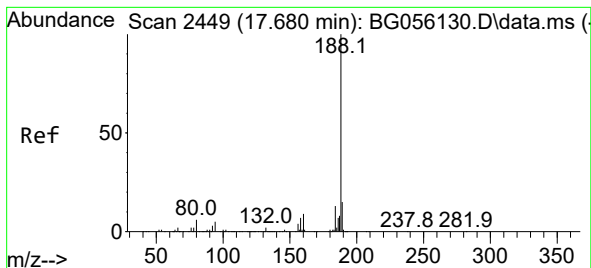
Tgt Ion:165 Resp: 17356
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.4 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 11.003 ng
RT: 16.286 min Scan# 2212
Delta R.T. 0.022 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Tgt Ion: 77 Resp: 86424
Ion Ratio Lower Upper
77 100
182 125.4 18.5 58.5#
105 147.4 1.4 41.4#
51 23.7 1.5 41.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.684 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG056190.D

Acq: 3 Jan 2023 17:40

Instrument :

BNA_G

ClientSampleId :

PE-7

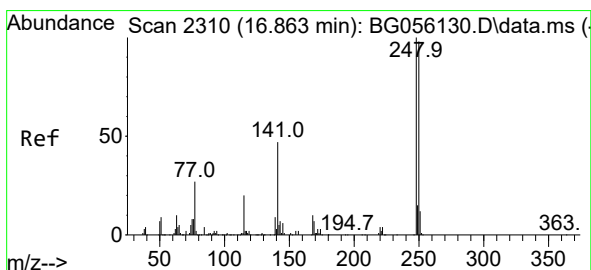
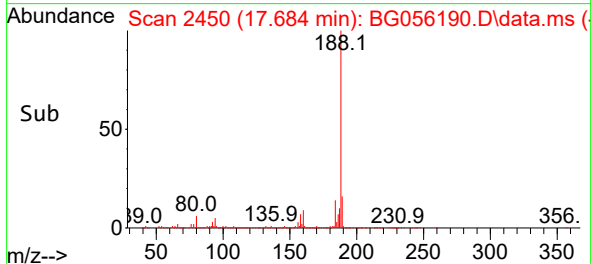
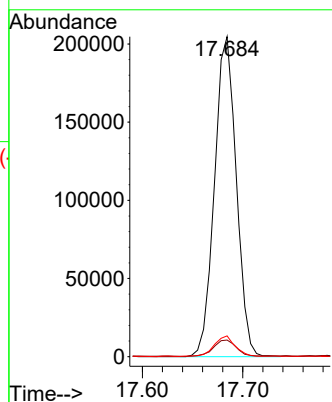
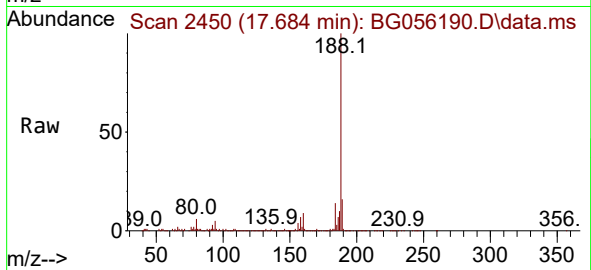
Tgt Ion:188 Resp: 308343

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 6.5 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 3.509 ng

RT: 16.421 min Scan# 2235

Delta R.T. -0.442 min

Lab File: BG056190.D

Acq: 3 Jan 2023 17:40

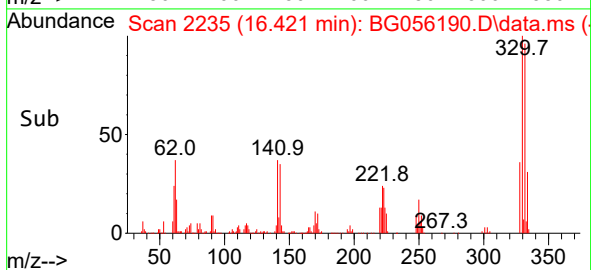
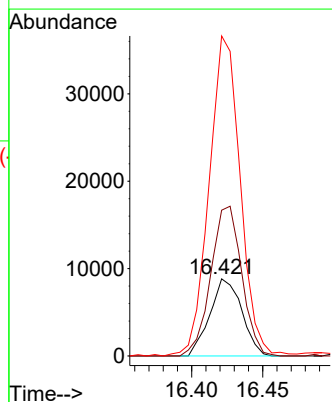
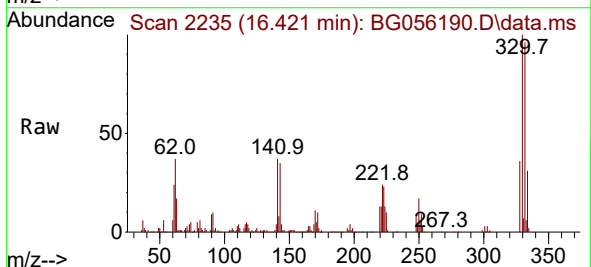
Tgt Ion:248 Resp: 13777

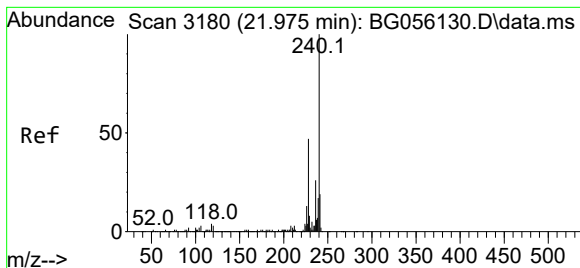
Ion Ratio Lower Upper

248 100

250 189.0 78.2 117.4#

141 415.0 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.979 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056190.D

Acq: 3 Jan 2023 17:40

Instrument :

BNA_G

ClientSampleId :

PE-7

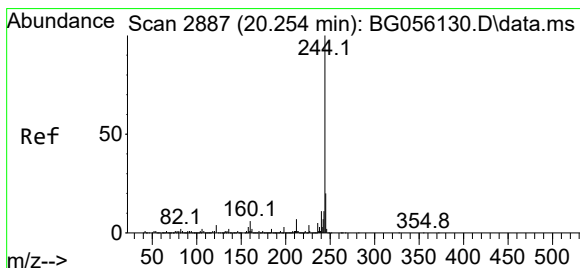
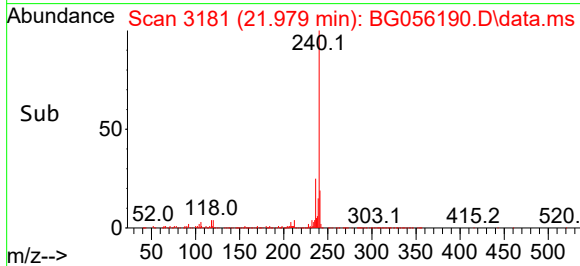
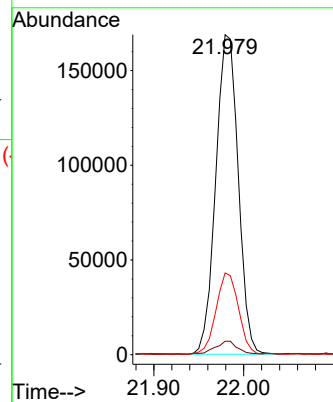
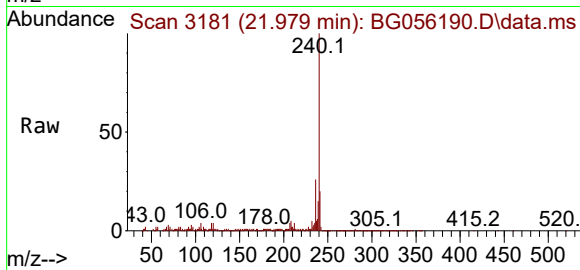
Tgt Ion:240 Resp: 292783

Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 63.899 ng

RT: 20.258 min Scan# 2888

Delta R.T. -0.002 min

Lab File: BG056190.D

Acq: 3 Jan 2023 17:40

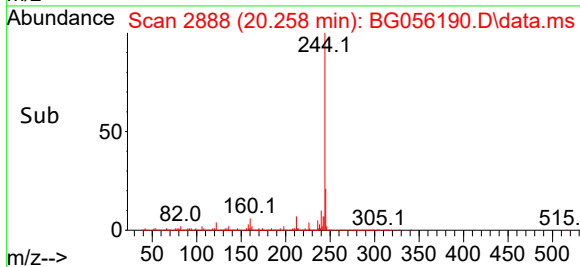
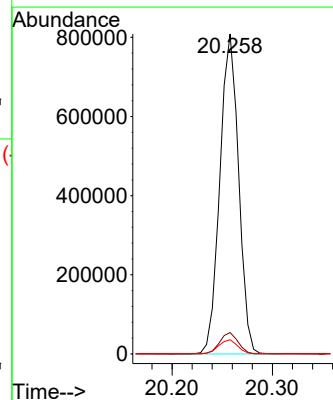
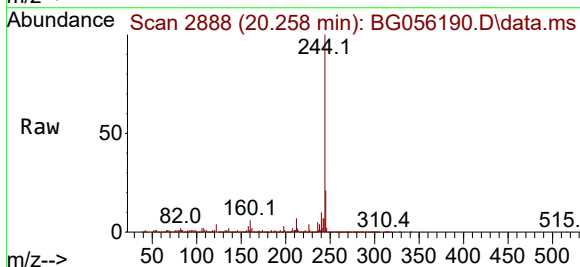
Tgt Ion:244 Resp: 1044552

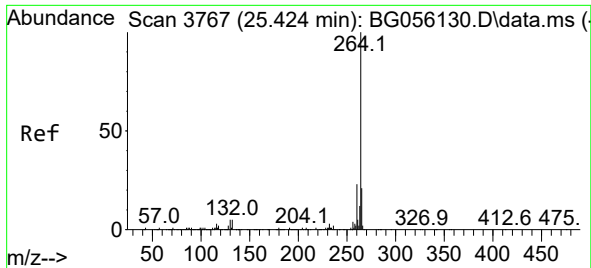
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

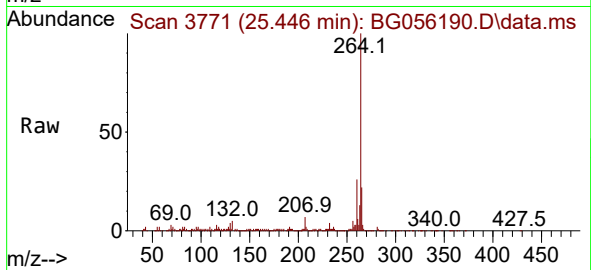
122 4.5 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.446 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056190.D
Acq: 3 Jan 2023 17:40

Instrument :
BNA_G
ClientSampleId :
PE-7



Tgt Ion:264 Resp: 319721

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	28.0
265	21.7	16.7	25.1

