

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056160.D
 Acq On : 29 Dec 2022 18:56
 Operator : CG/JU
 Sample : N6228-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 30 04:07:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

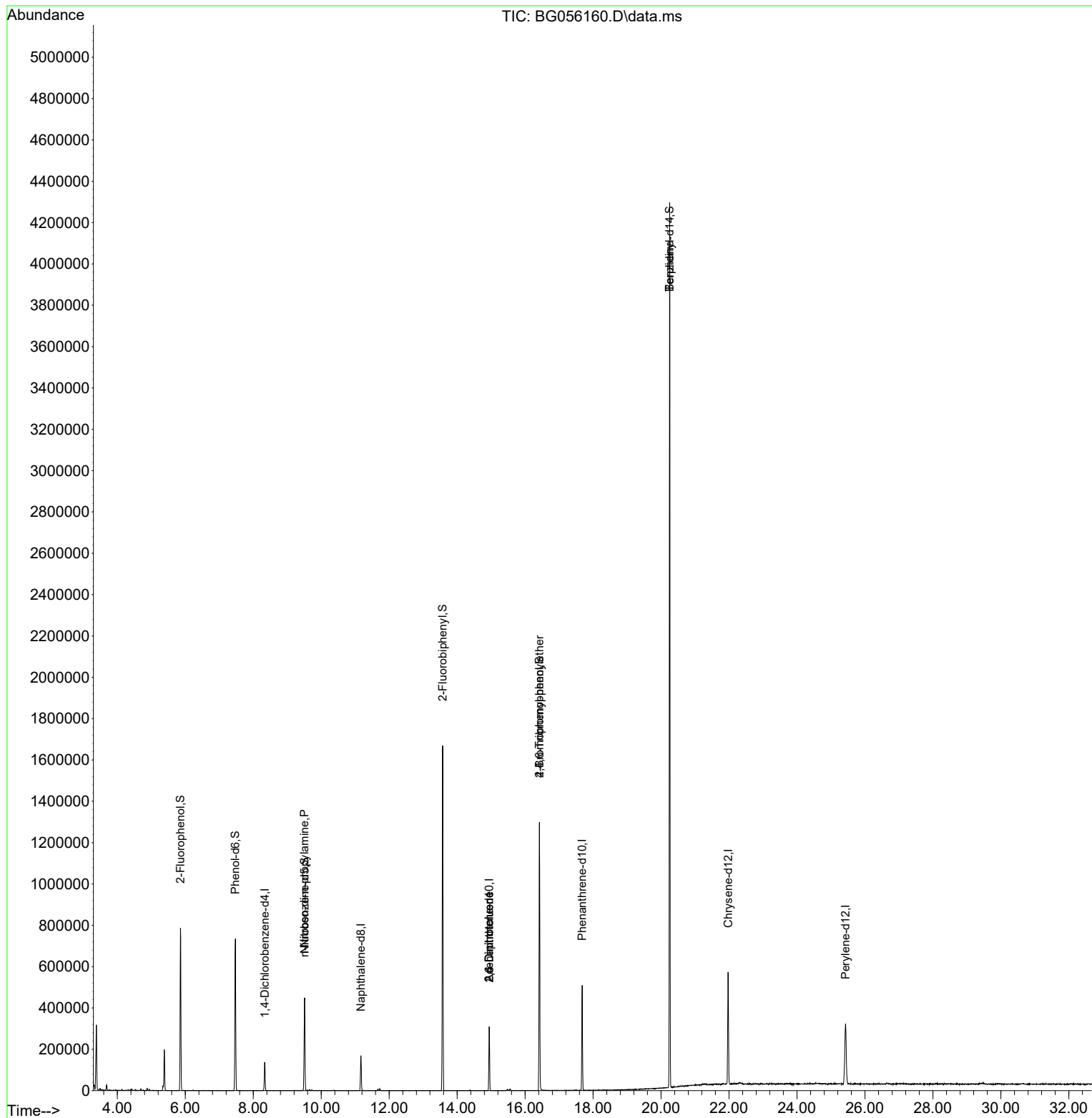
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	46149	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	154574	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	123837	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	339197	20.000	ng	0.00
76) Chrysene-d12	21.974	240	363160	20.000	ng	# 0.00
86) Perylene-d12	25.429	264	378480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	429614	166.217	ng	0.00
7) Phenol-d6	7.473	99	555410	139.926	ng	0.00
23) Nitrobenzene-d5	9.512	82	321872	106.514	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	267115	170.313	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	975735	108.804	ng	0.00
79) Terphenyl-d14	20.252	244	2312539	114.051	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.506	70	39464	16.350	ng	# 73
51) 2,6-Dinitrotoluene	14.941	165	15598	7.322	ng	# 33
57) 2,4-Dinitrotoluene	14.941	165	15598	5.236	ng	# 29
67) 4-Bromophenyl-phenylether	16.421	248	22947	5.313	ng	# 1
77) Benzidine	20.252	184	34061	2.676	ng	# 91

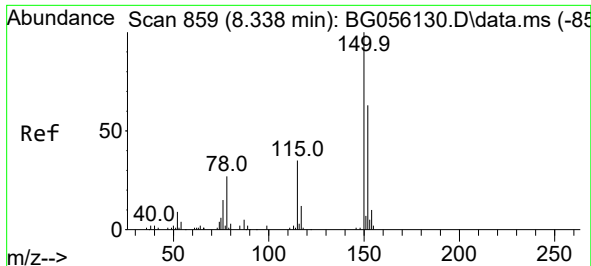
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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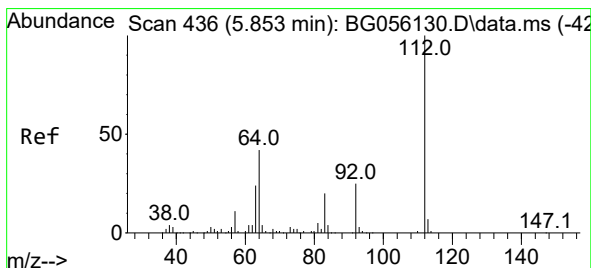
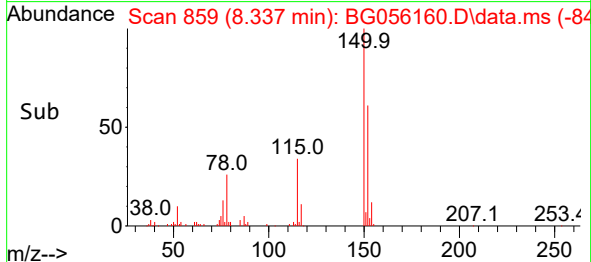
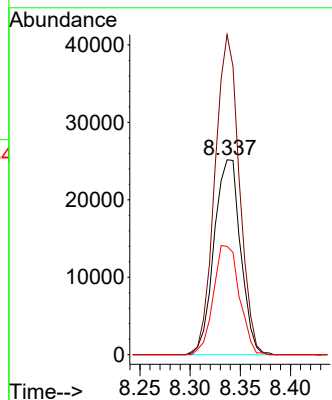
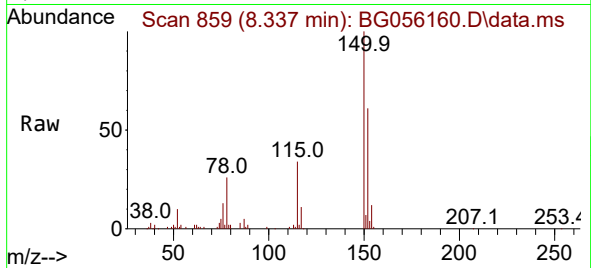




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 859
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

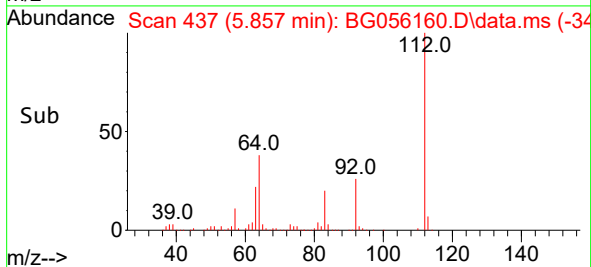
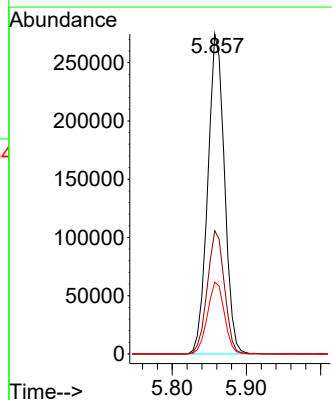
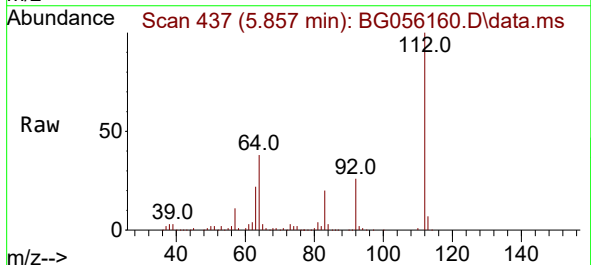
Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 46149
Ion Ratio Lower Upper
152 100
150 164.2 127.9 191.9
115 55.6 44.2 66.2



#5
2-Fluorophenol
Concen: 166.217 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.005 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion:112 Resp: 429614
Ion Ratio Lower Upper
112 100
64 38.5 33.3 49.9
63 22.4 19.0 28.4

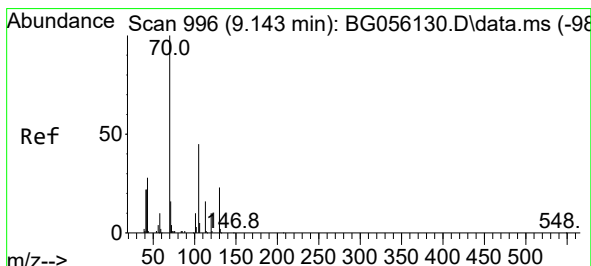
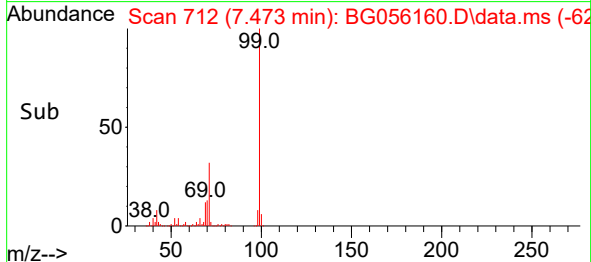
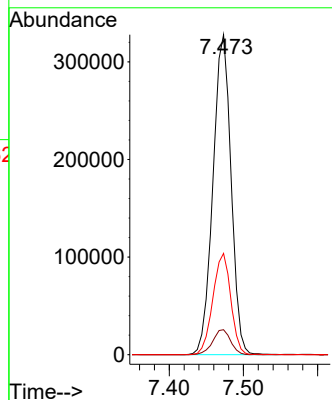
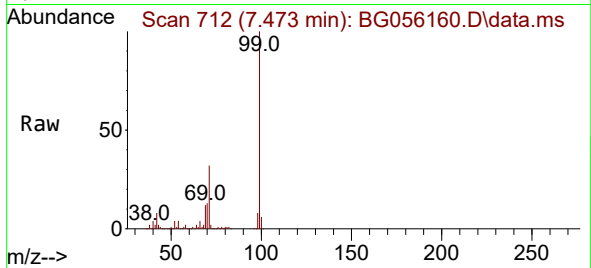




#7
Phenol-d6
Concen: 139.926 ng
RT: 7.473 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

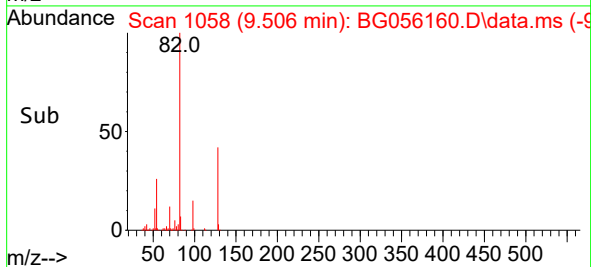
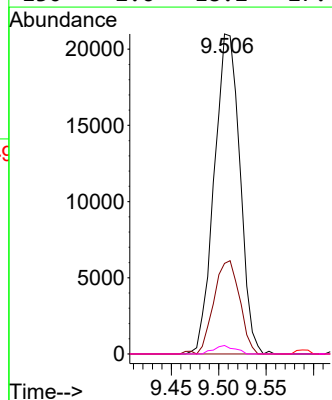
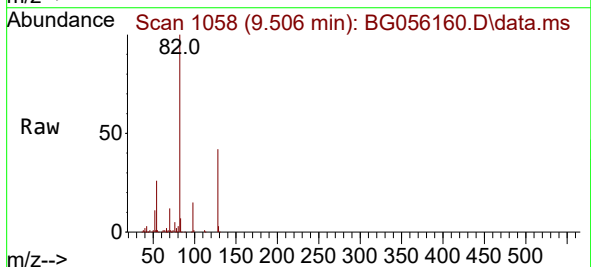
Instrument :
BNA_G
ClientSampleId :
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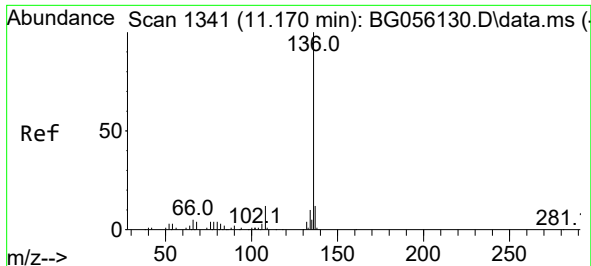
Tgt Ion: 99 Resp: 555410
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 31.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.350 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.363 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion: 70 Resp: 39464
Ion Ratio Lower Upper
70 100
42 28.3 18.2 27.2#
101 0.0 8.3 12.5#
130 2.6 18.2 27.4#

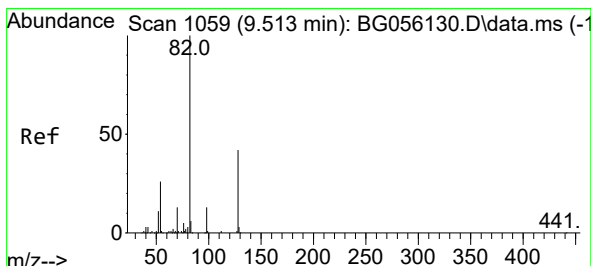
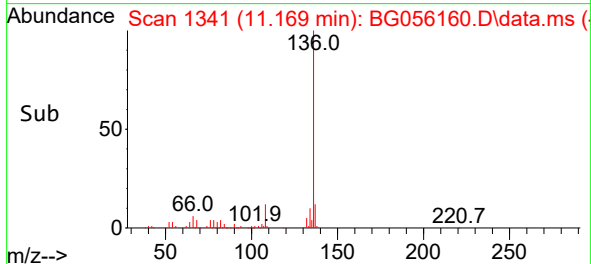
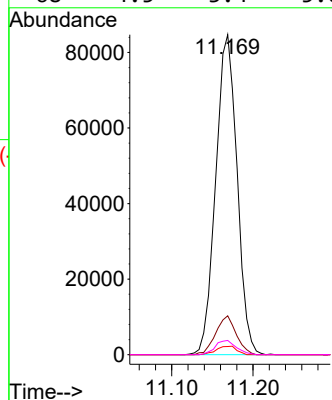
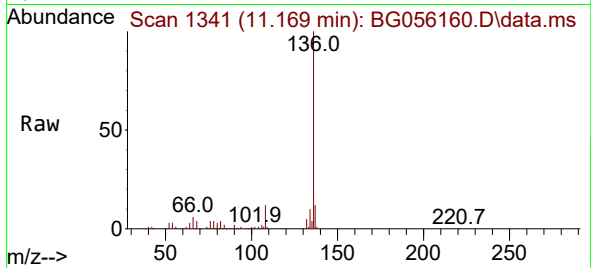




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

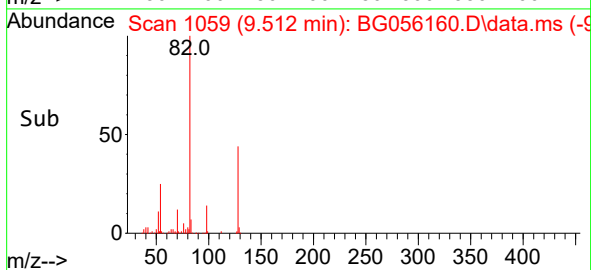
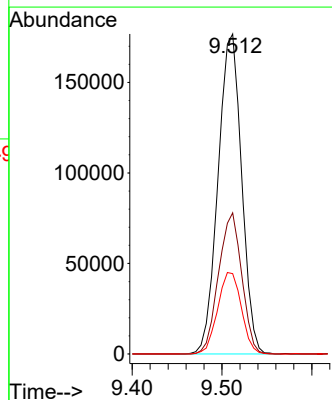
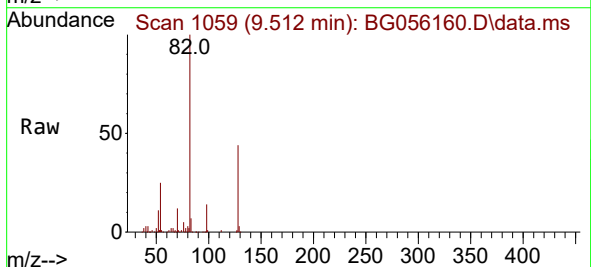
Instrument :
BNA_G
ClientSampleId :
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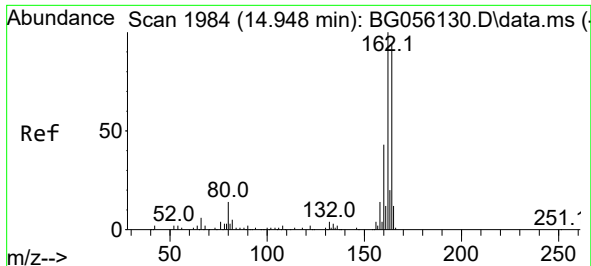
Tgt Ion:136 Resp: 154574
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 106.514 ng
RT: 9.512 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion: 82 Resp: 321872
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 25.1 20.3 30.5

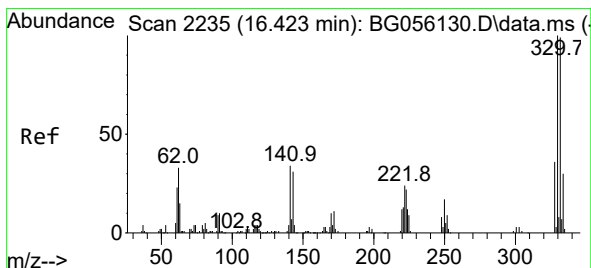
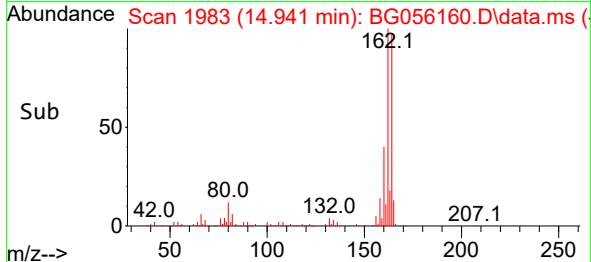
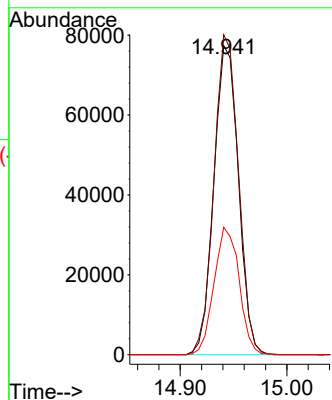
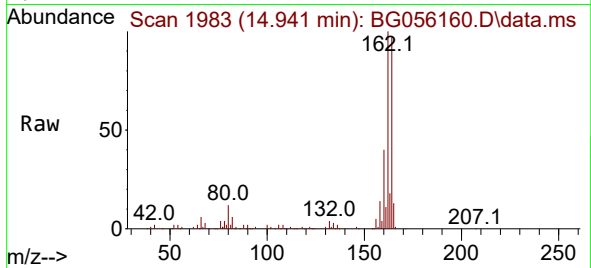




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

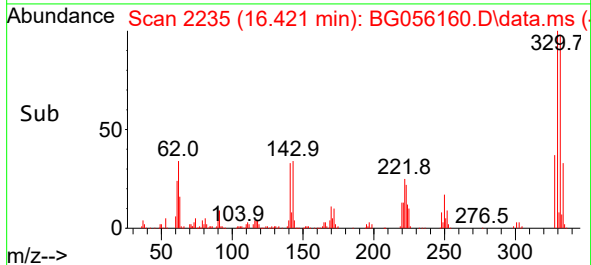
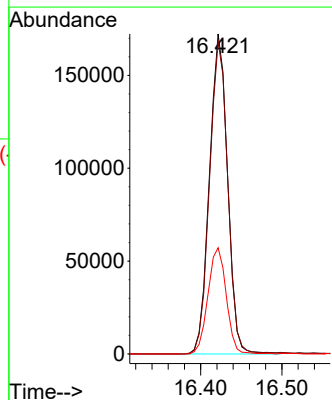
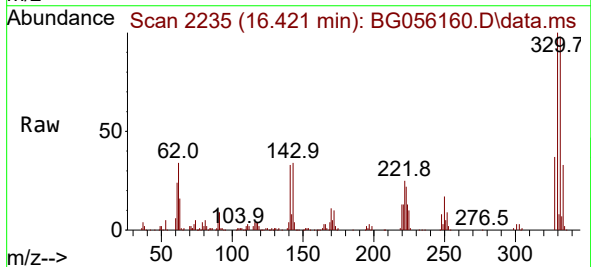
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ClientSampleId :
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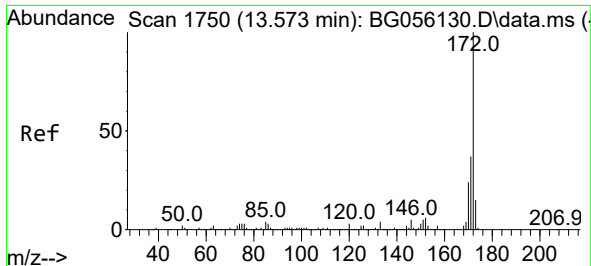
Tgt Ion:164 Resp: 123837
Ion Ratio Lower Upper
164 100
162 103.6 84.7 127.1
160 41.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 170.313 ng
RT: 16.421 min Scan# 2235
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion:330 Resp: 267115
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 33.5 27.9 41.9

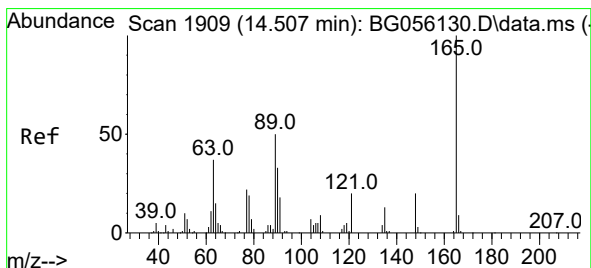
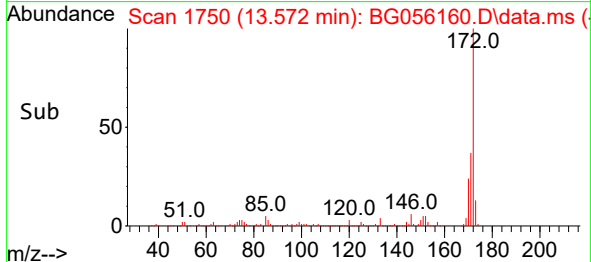
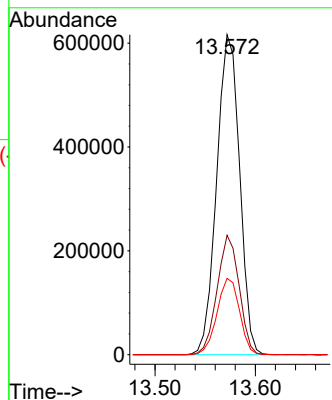
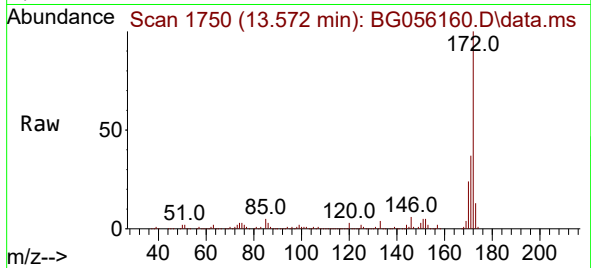




#45
2-Fluorobiphenyl
Concen: 108.804 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

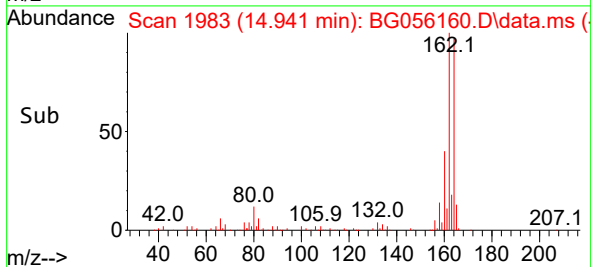
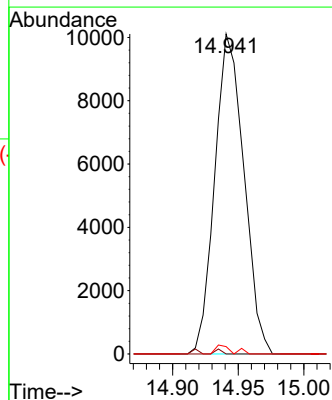
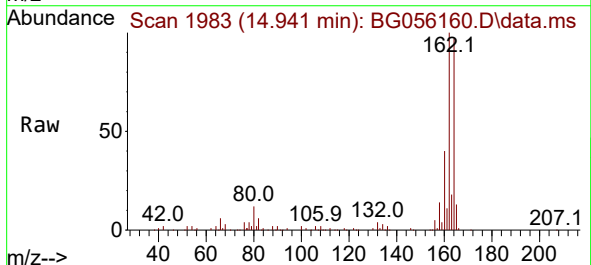
Instrument :
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ClientSampleId :
TP-3

Tgt Ion:172 Resp: 975735
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 23.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 14.941 min Scan# 1983
Delta R.T. 0.433 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion:165 Resp: 15598
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.3 39.8 59.8#

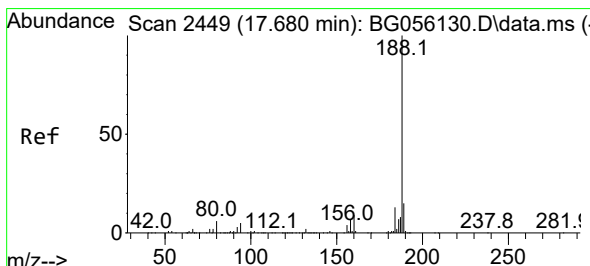
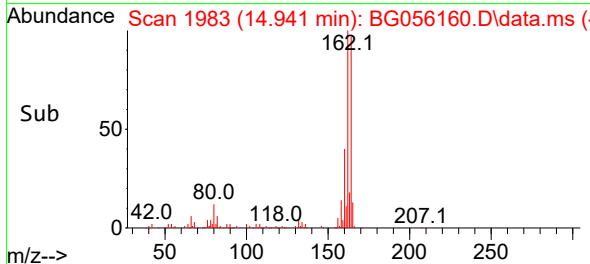
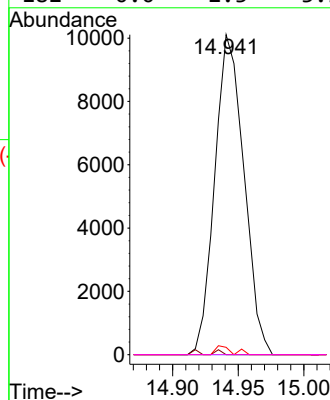
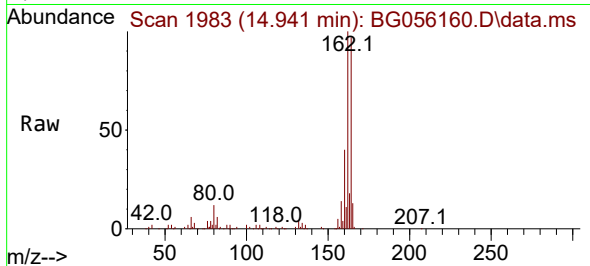




#57
2,4-Dinitrotoluene
Concen: 5.236 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.348 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

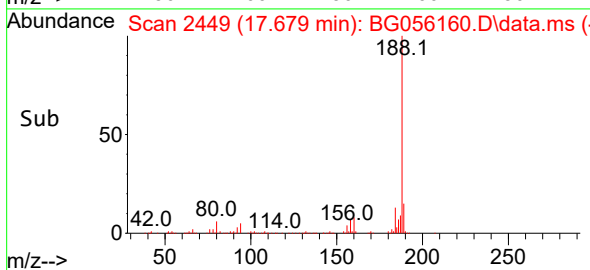
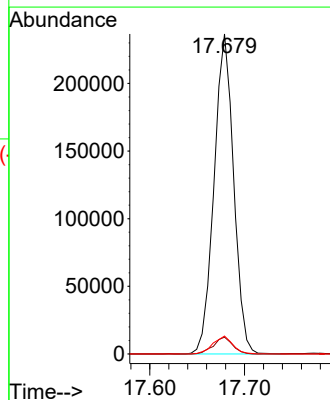
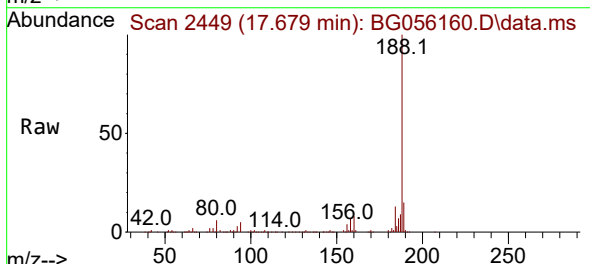
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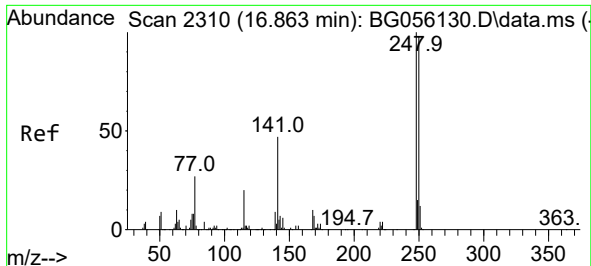
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Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.3 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion:188 Resp: 339197
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.6 5.0 7.4

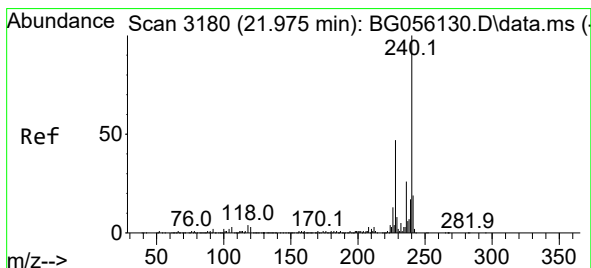
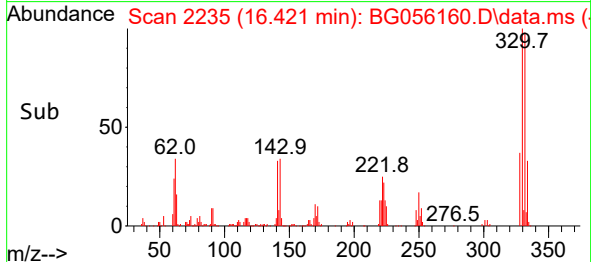
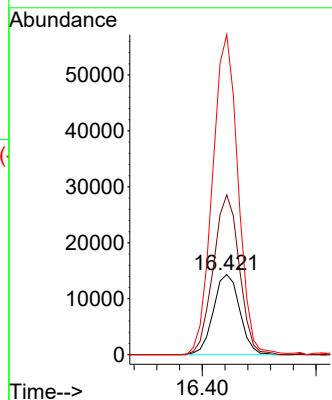
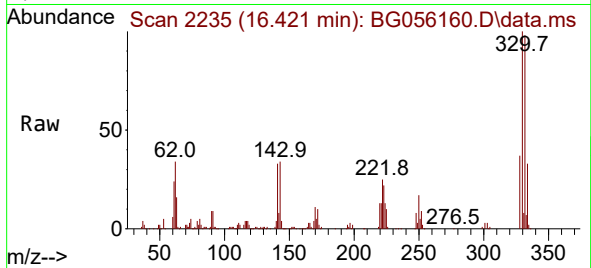




#67
4-Bromophenyl-phenylether
Concen: 5.313 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

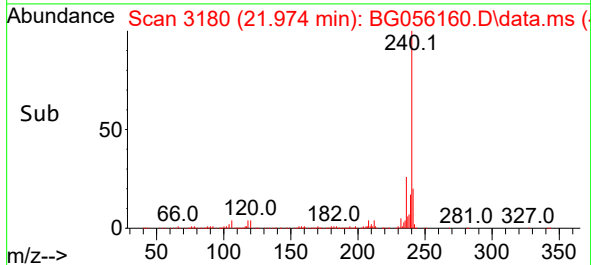
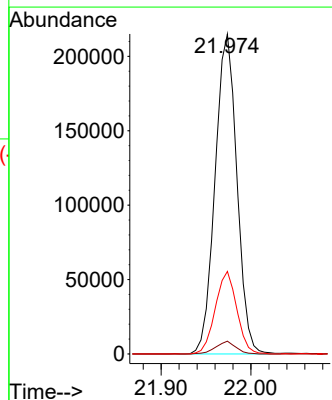
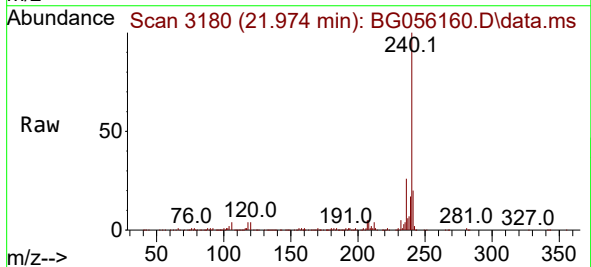
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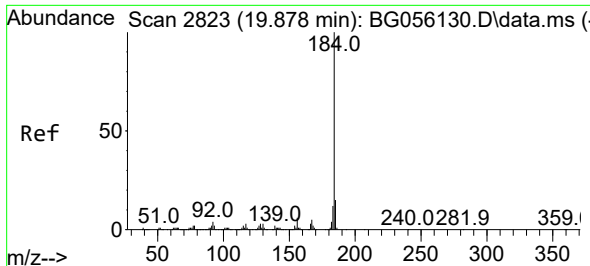
Tgt Ion:248 Resp: 22947
Ion Ratio Lower Upper
248 100
250 199.4 78.2 117.4#
141 399.1 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3180
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

Tgt Ion:240 Resp: 363160
Ion Ratio Lower Upper
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120 4.0 2.6 4.0#
236 25.8 20.8 31.2

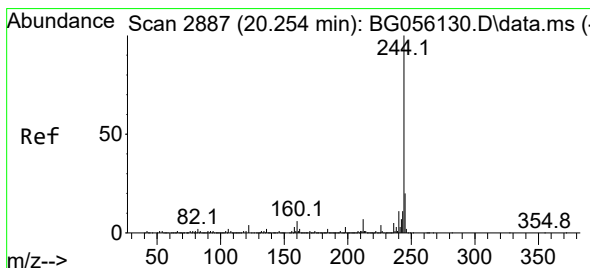
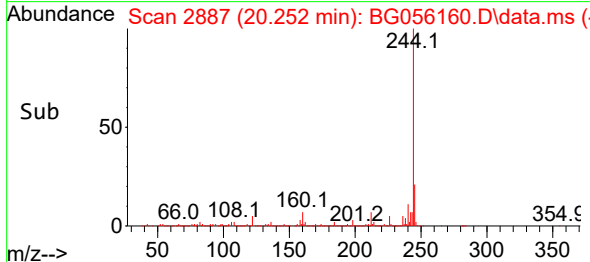
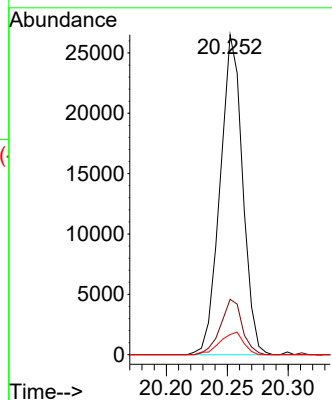
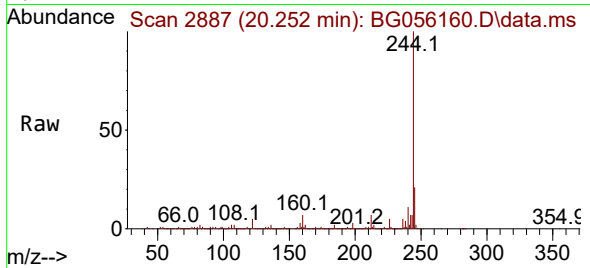




#77
Benzidine
Concen: 2.676 ng
RT: 20.252 min Scan# 2887
Delta R.T. 0.375 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

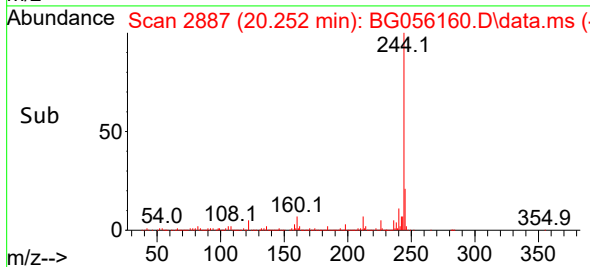
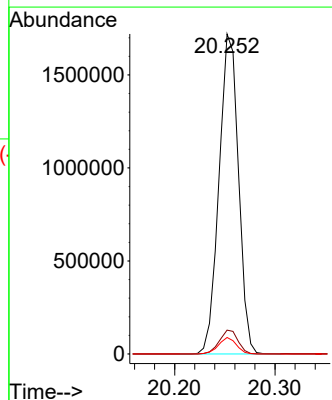
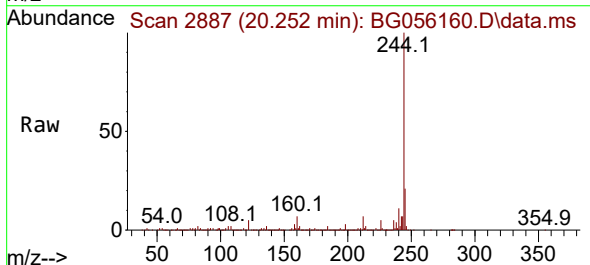
Instrument :
BNA_G
ClientSampleId :
TP-3

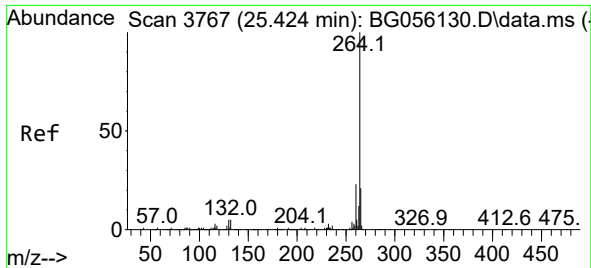
Tgt Ion:184 Resp: 34061
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 114.051 ng
RT: 20.252 min Scan# 2887
Delta R.T. -0.001 min
Lab File: BG056160.D
Acq: 29 Dec 2022 18:56

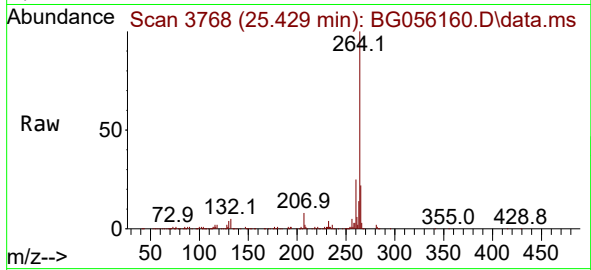
Tgt Ion:244 Resp: 2312539
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.429 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG056160.D
 Acq: 29 Dec 2022 18:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-3



Tgt Ion:264 Resp: 378480
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 21.6 16.7 25.1

