

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057088.D
 Acq On : 13 Apr 2023 19:20
 Operator : CG/JU
 Sample : 02292-03RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 14 01:23:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

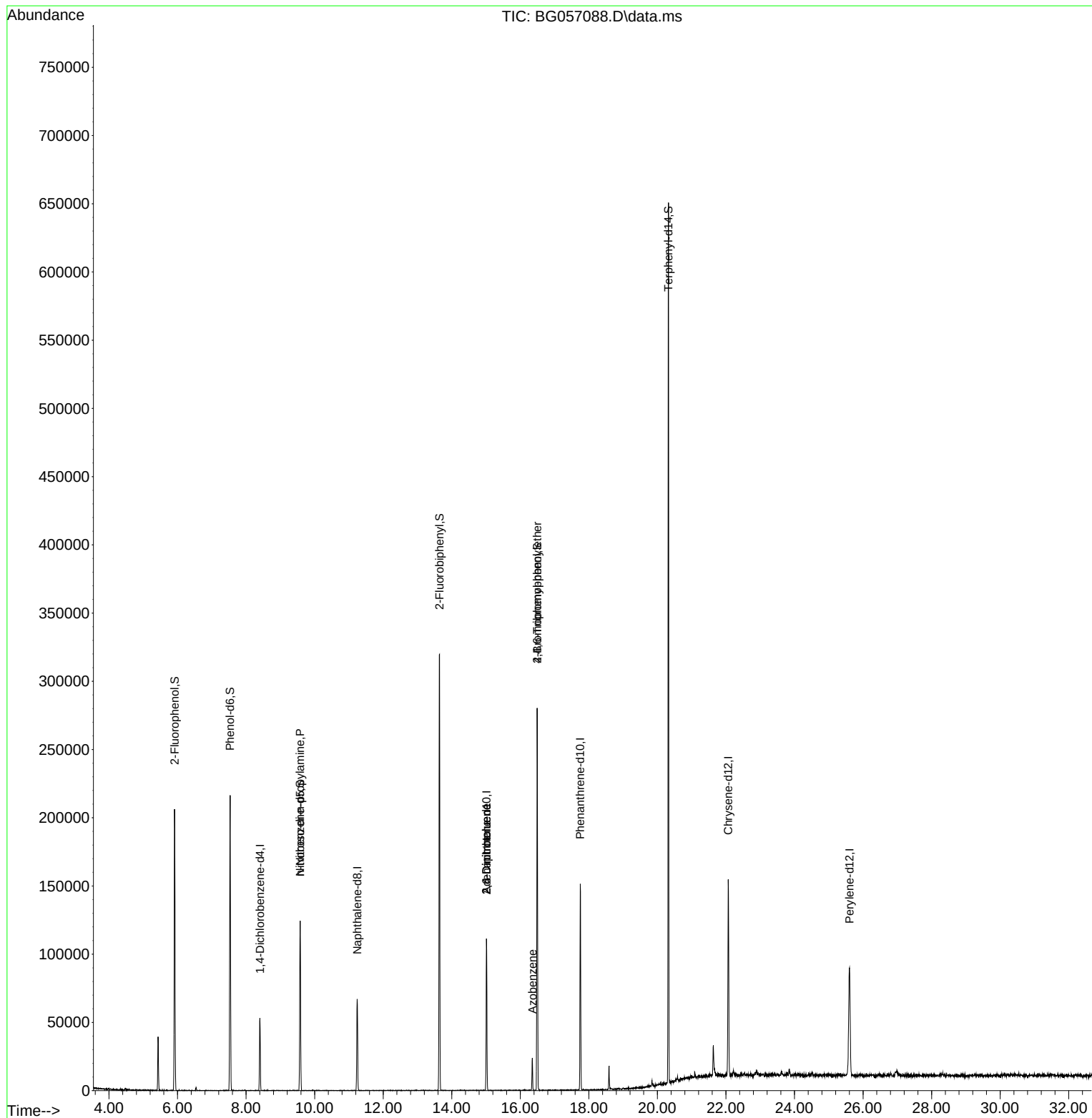
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	14526	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	57128	20.000	ng	0.00
39) Acenaphthene-d10	15.012	164	39370	20.000	ng	0.00
64) Phenanthrene-d10	17.749	188	98253	20.000	ng	-0.01
76) Chrysene-d12	22.067	240	91594	20.000	ng	#-0.01
86) Perylene-d12	25.603	264	97955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	86509	95.314	ng	0.00
7) Phenol-d6	7.533	99	121113	89.220	ng	0.00
23) Nitrobenzene-d5	9.578	82	78536	56.251	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	56263	89.456	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	164874	56.787	ng	0.00
79) Terphenyl-d14	20.322	244	317874	58.726	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.578	70	10268	10.575	ng	# 78
51) 2,6-Dinitrotoluene	15.012	165	4968	7.412	ng	# 18
57) 2,4-Dinitrotoluene	15.012	165	4968	5.256	ng	# 18
63) Azobenzene	16.351	77	7070	2.281	ng	# 1
67) 4-Bromophenyl-phenylether	16.492	248	3399	2.796	ng	# 1

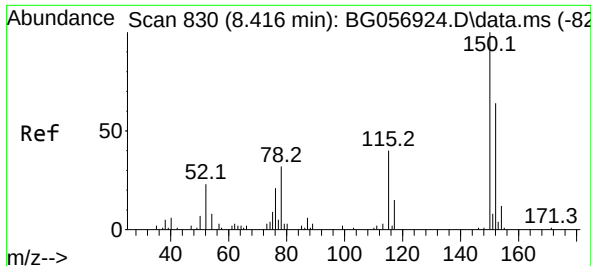
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
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Quant Time: Apr 14 01:23:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

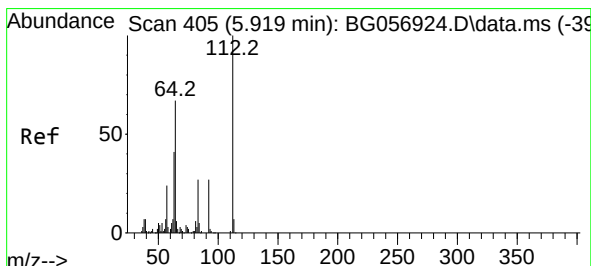
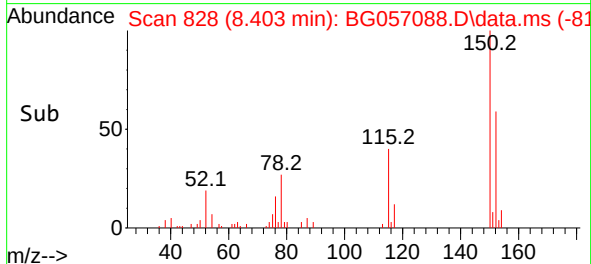
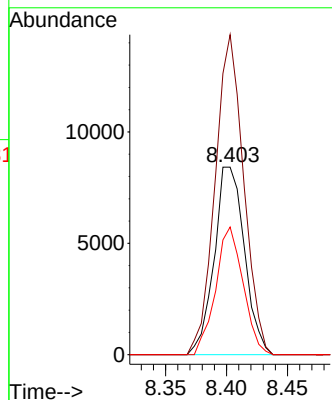
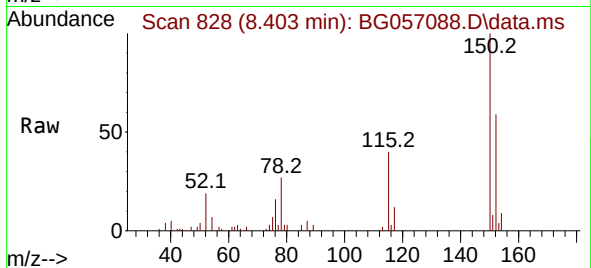




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

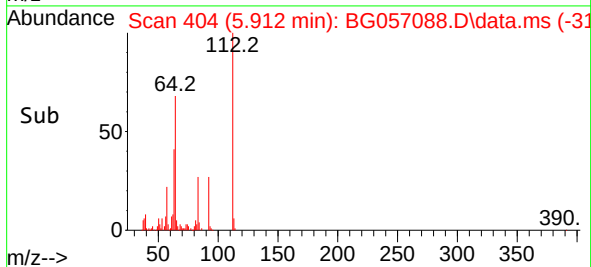
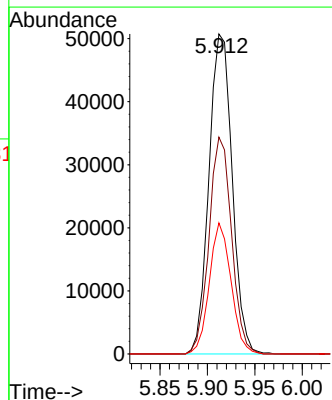
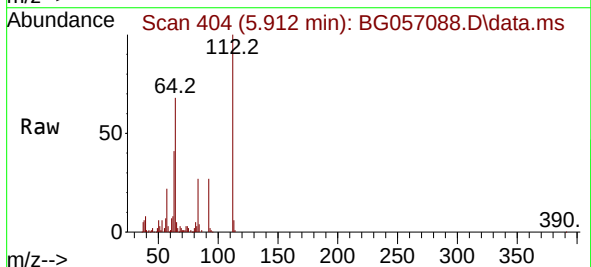
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

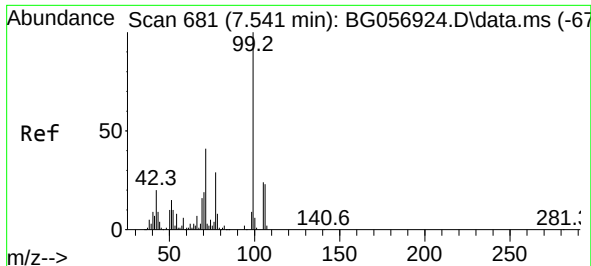
Tgt Ion:152 Resp: 14526
Ion Ratio Lower Upper
152 100
150 170.6 124.1 186.1
115 68.0 49.1 73.7



#5
2-Fluorophenol
Concen: 95.314 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.002 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:112 Resp: 86509
Ion Ratio Lower Upper
112 100
64 67.7 53.2 79.8
63 40.9 32.6 48.8

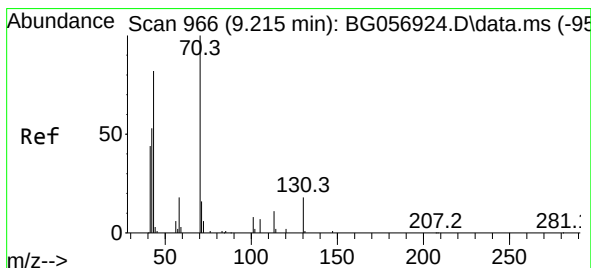
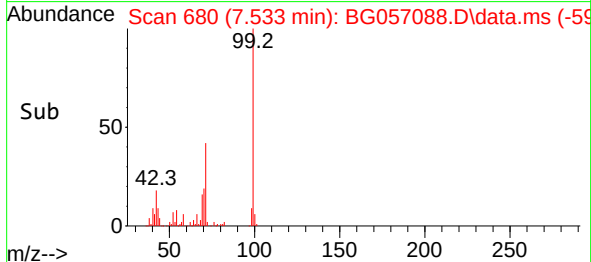
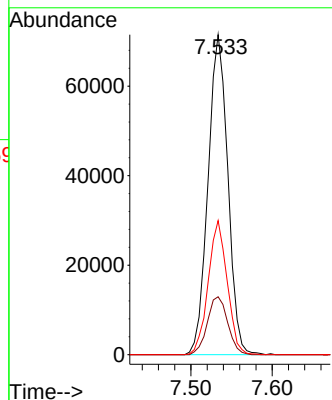
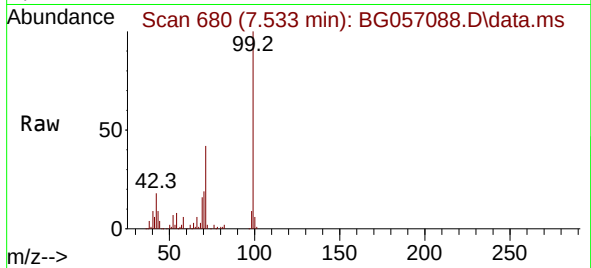




#7
Phenol-d6
Concen: 89.220 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

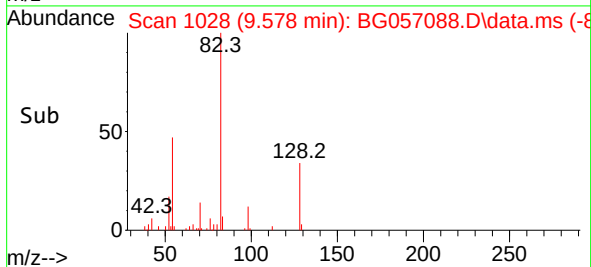
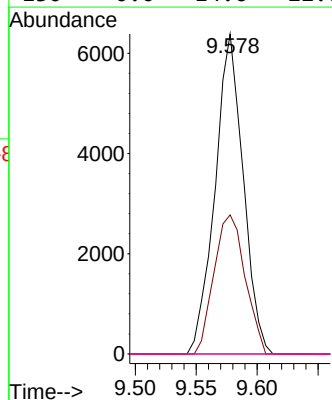
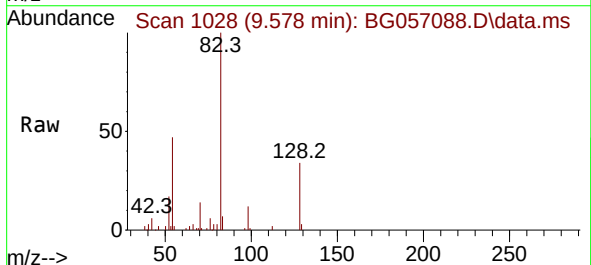
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

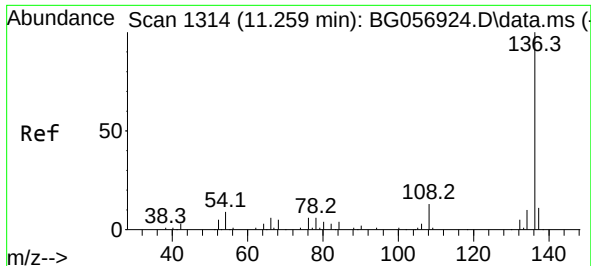
Tgt Ion: 99 Resp: 121113
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 41.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.575 ng
RT: 9.578 min Scan# 1028
Delta R.T. 0.368 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion: 70 Resp: 10268
Ion Ratio Lower Upper
70 100
42 43.4 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

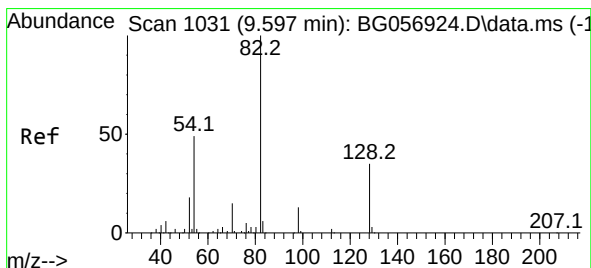
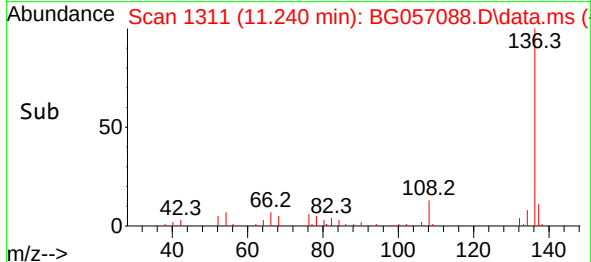
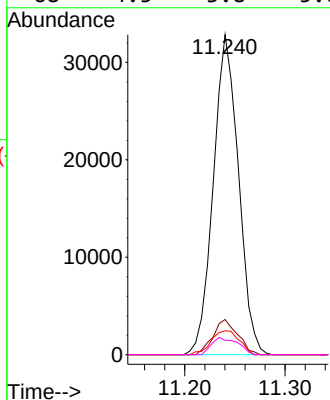
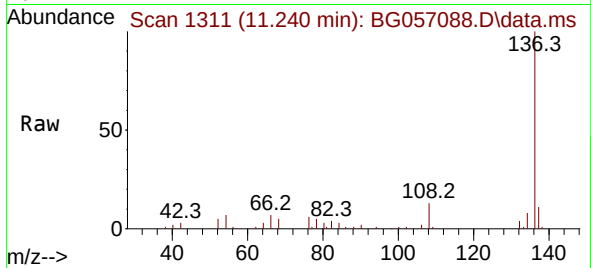




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

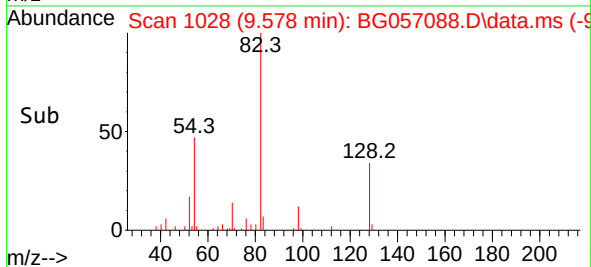
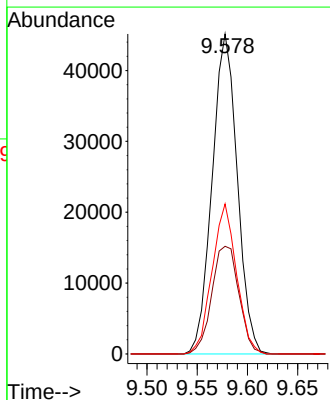
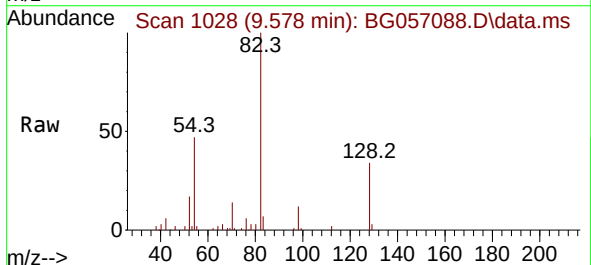
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

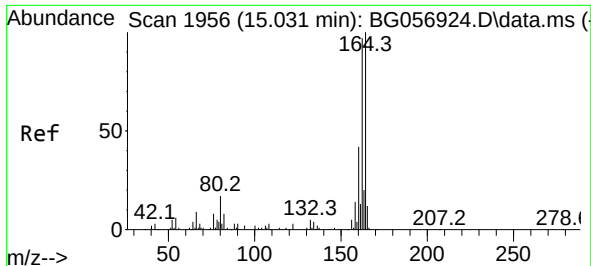
Tgt Ion:	136	Resp:	57128
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.5	6.9	10.3
68	4.5	3.8	5.6



#23
Nitrobenzene-d5
Concen: 56.251 ng
RT: 9.578 min Scan# 1028
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:	82	Resp:	78536
Ion Ratio	Lower	Upper	
82	100		
128	33.6	27.9	41.9
54	46.9	39.4	59.2

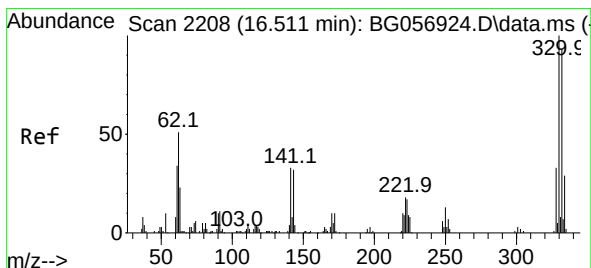
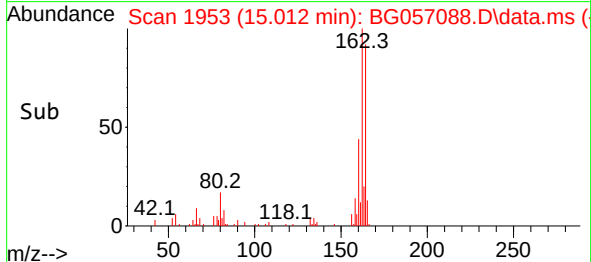
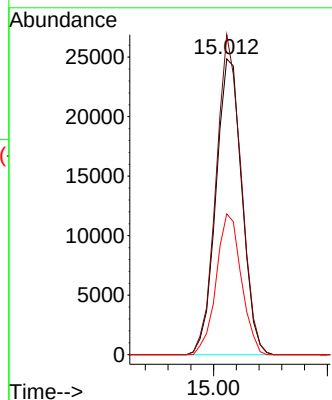
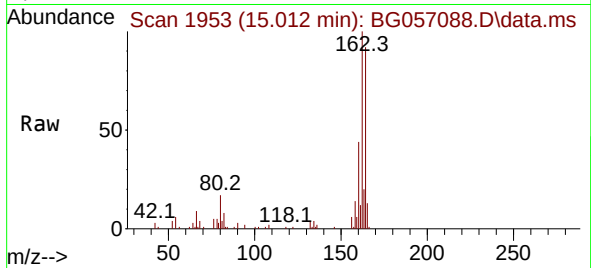




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.012 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

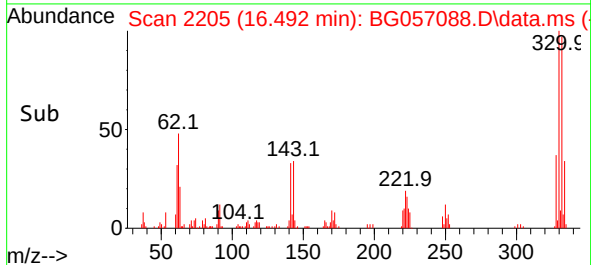
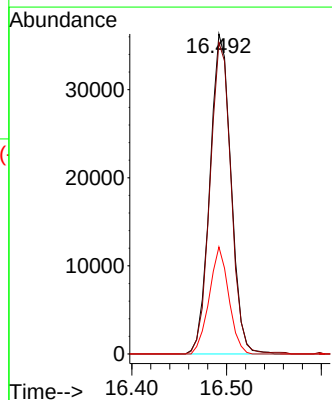
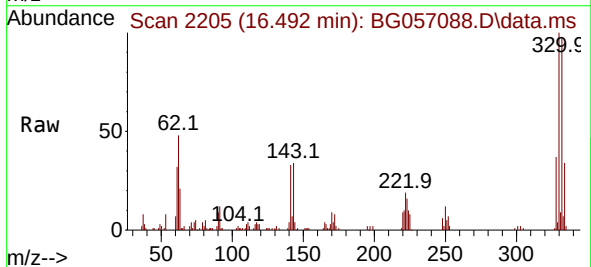
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

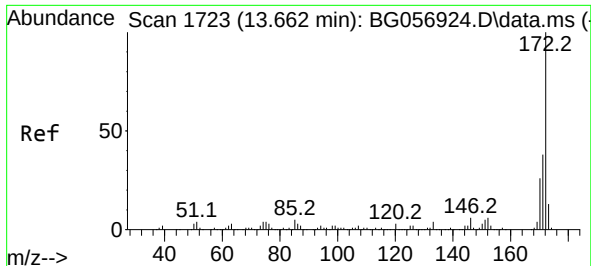
Tgt Ion:164 Resp: 39370
Ion Ratio Lower Upper
164 100
162 108.2 77.8 116.8
160 47.6 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 89.456 ng
RT: 16.492 min Scan# 2205
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:330 Resp: 56263
Ion Ratio Lower Upper
330 100
332 97.1 76.1 114.1
141 30.9 25.8 38.6

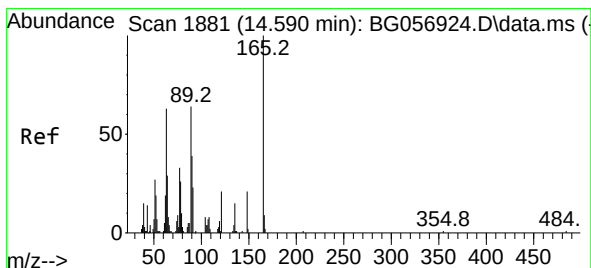
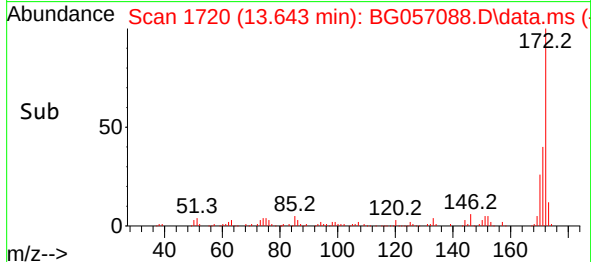
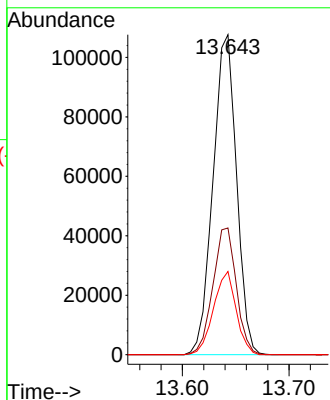
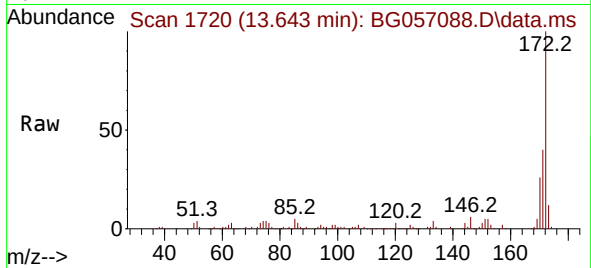




#45
2-Fluorobiphenyl
Concen: 56.787 ng
RT: 13.643 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

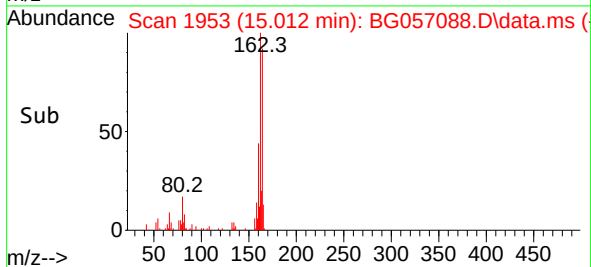
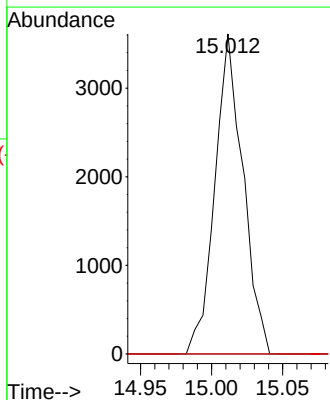
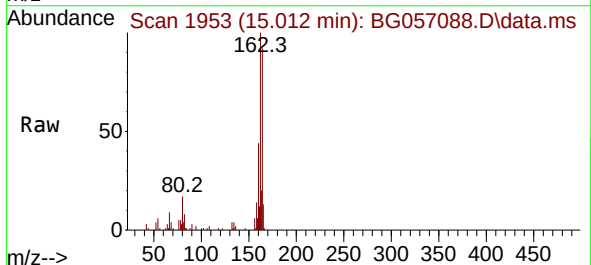
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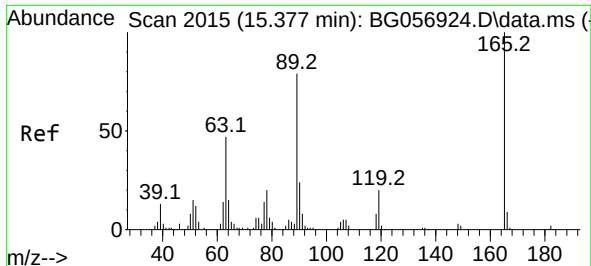
Tgt Ion:172 Resp: 164874
Ion Ratio Lower Upper
172 100
171 39.6 30.6 46.0
170 26.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.412 ng
RT: 15.012 min Scan# 1953
Delta R.T. 0.426 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

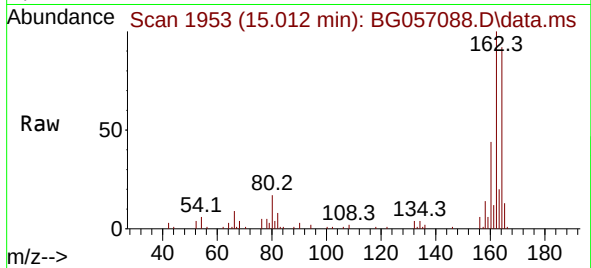
Tgt Ion:165 Resp: 4968
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



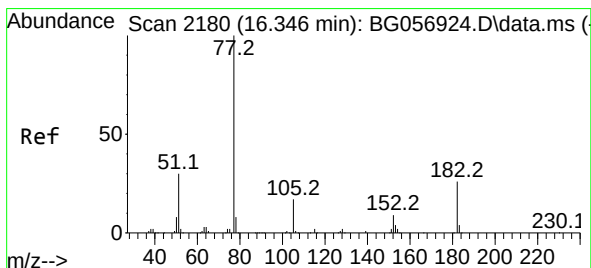
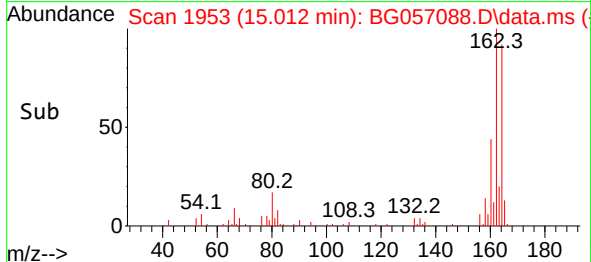
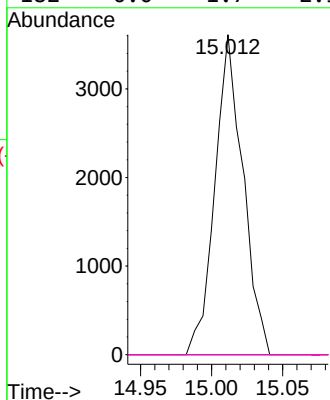


#57
2,4-Dinitrotoluene
Concen: 5.256 ng
RT: 15.012 min Scan# 1953
Delta R.T. -0.355 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

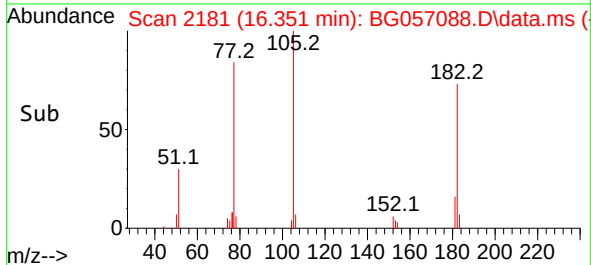
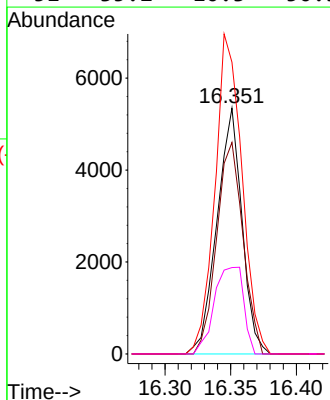
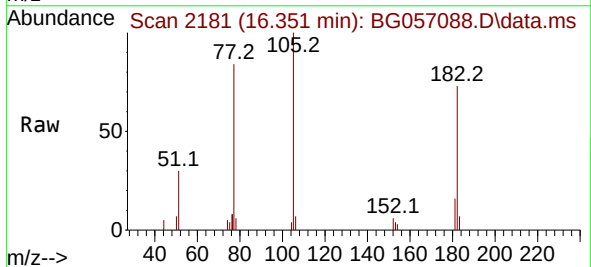


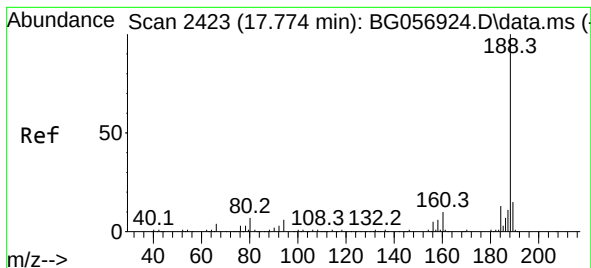
Tgt Ion:165 Resp: 4968
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#63
Azobenzene
Concen: 2.281 ng
RT: 16.351 min Scan# 2181
Delta R.T. 0.015 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion: 77 Resp: 7070
Ion Ratio Lower Upper
77 100
182 86.1 5.9 45.9#
105 118.7 0.0 36.8#
51 35.2 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.749 min Scan# 24

Delta R.T. -0.014 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123

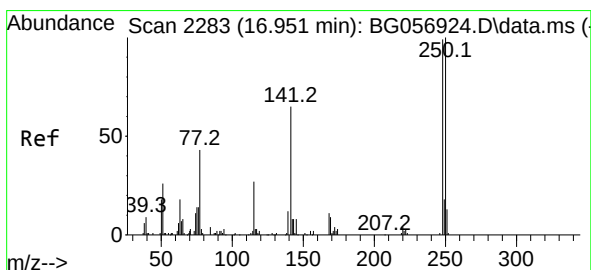
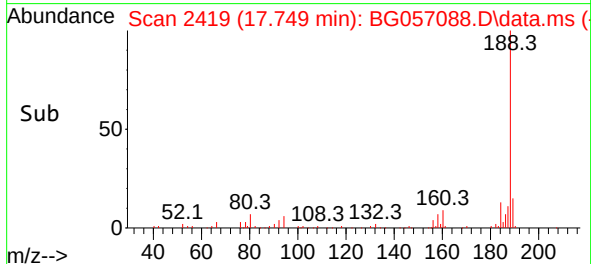
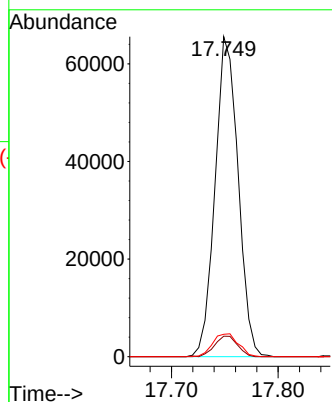
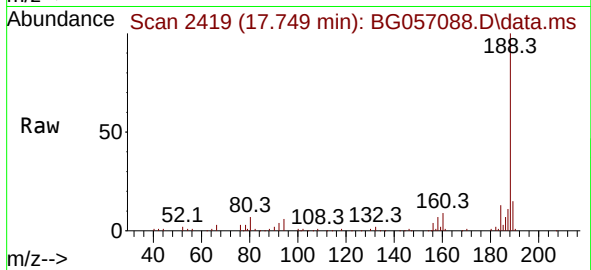
Tgt Ion:188 Resp: 98253

Ion Ratio Lower Upper

188 100

94 6.4 4.6 6.8

80 7.0 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 2.796 ng

RT: 16.492 min Scan# 2205

Delta R.T. -0.443 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

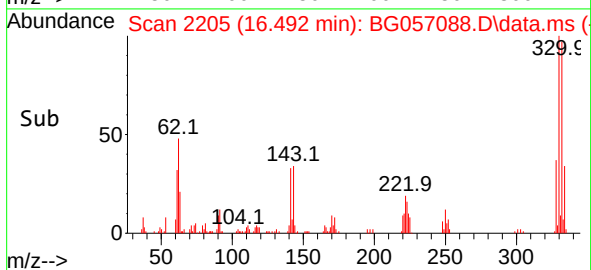
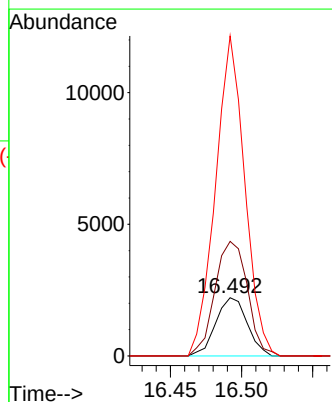
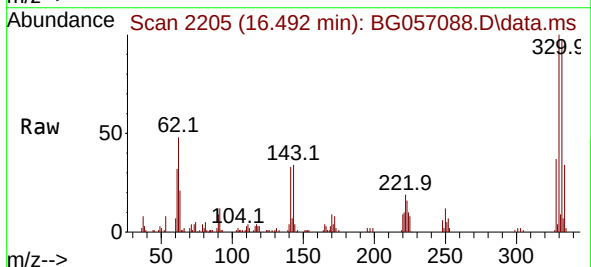
Tgt Ion:248 Resp: 3399

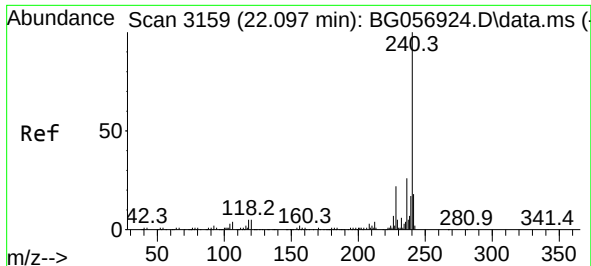
Ion Ratio Lower Upper

248 100

250 196.6 80.5 120.7#

141 549.0 52.0 78.0#

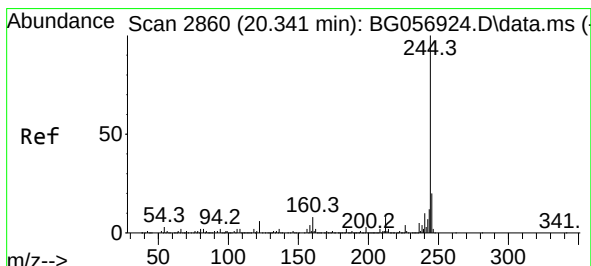
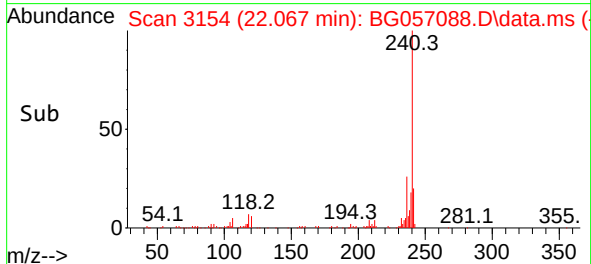
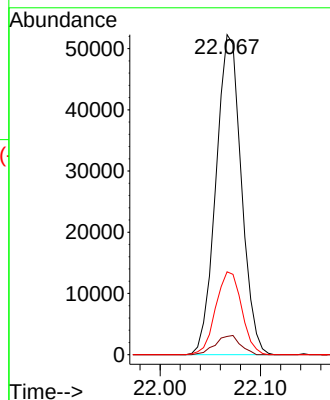
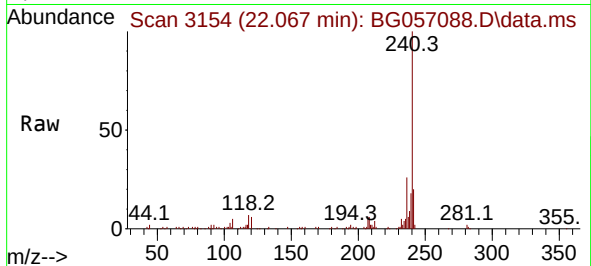




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.067 min Scan# 3159
Delta R.T. -0.014 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

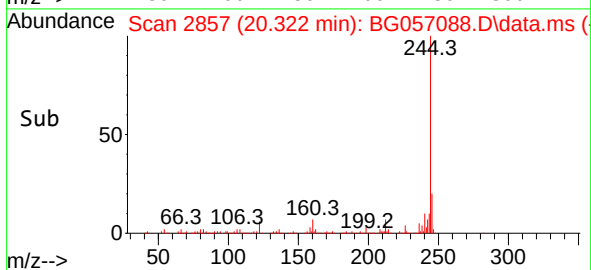
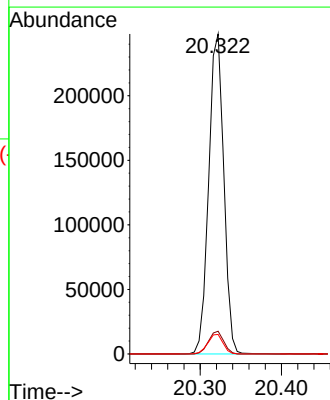
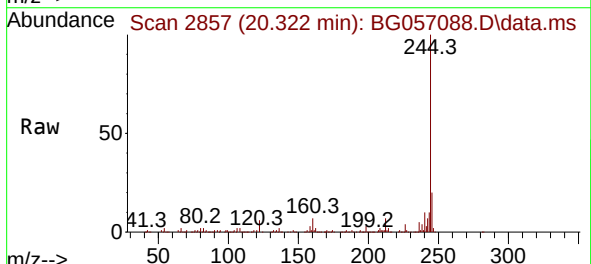
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

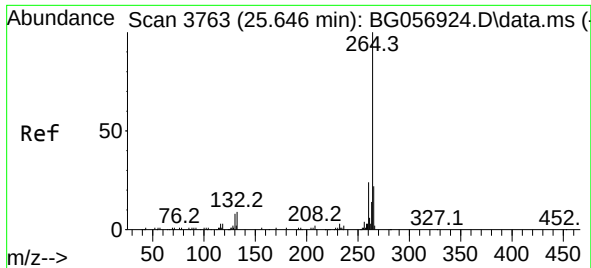
Tgt Ion:240 Resp: 91594
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 58.726 ng
RT: 20.322 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:244 Resp: 317874
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.603 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

Tgt Ion:264	Resp:	97955
Ion	Ratio	Lower Upper
264	100	
260	24.4	19.0 28.4
265	22.2	17.8 26.6

