

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057089.D
 Acq On : 13 Apr 2023 20:03
 Operator : CG/JU
 Sample : 02292-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G3-041123

Quant Time: Apr 14 01:23:44 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)

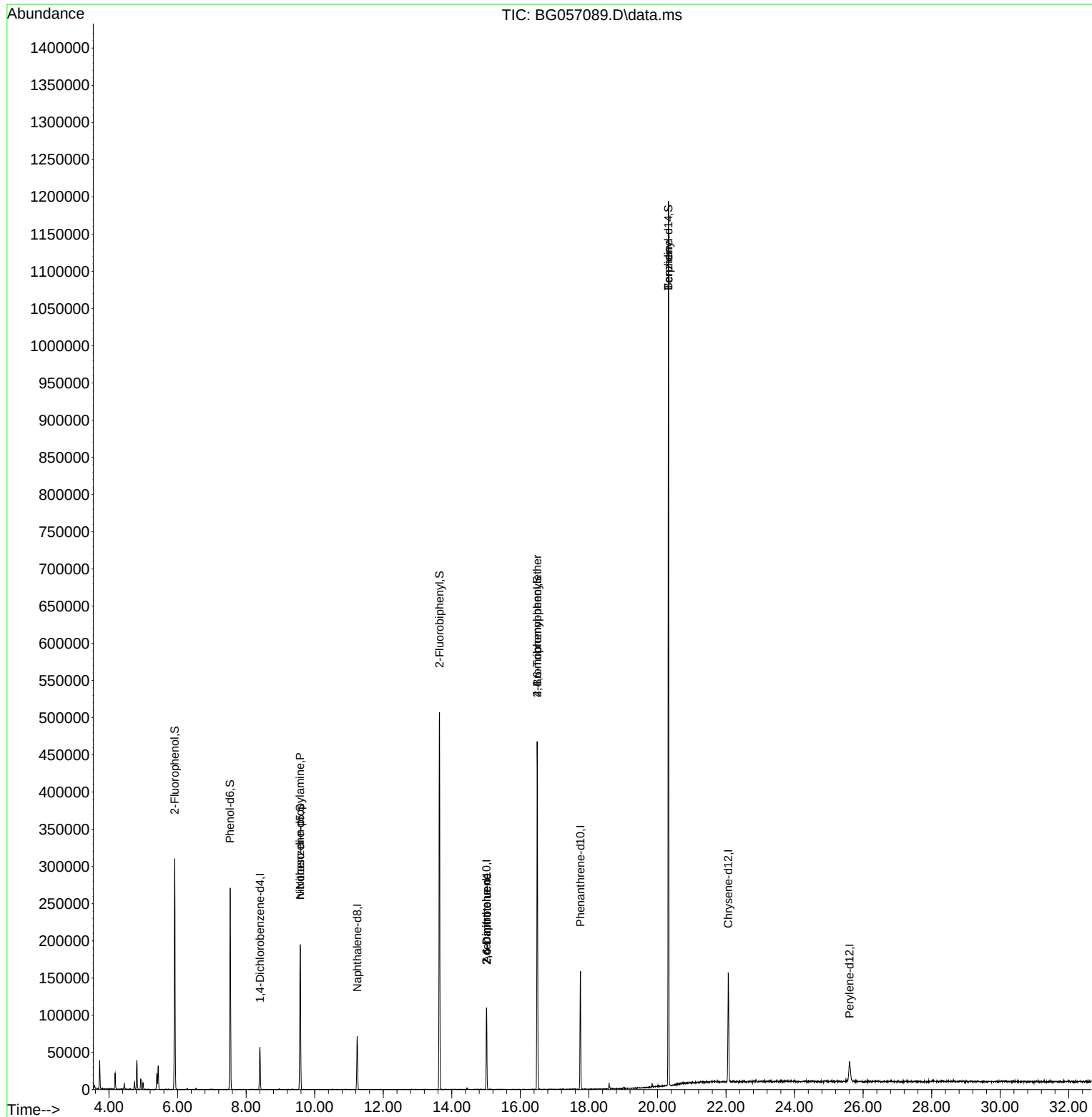
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	16143	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	60510	20.000	ng	# 0.00
39) Acenaphthene-d10	15.011	164	38777	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	100304	20.000	ng	0.00
76) Chrysene-d12	22.066	240	90621	20.000	ng	#-0.01
86) Perylene-d12	25.603	264	18905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	126654	125.567	ng	0.00
7) Phenol-d6	7.533	99	156710	103.880	ng	0.00
23) Nitrobenzene-d5	9.578	82	126283	85.394	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	92580	149.449	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	265865	92.972	ng	0.00
79) Terphenyl-d14	20.322	244	561250	104.802	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.578	70	16988	15.744	ng	# 78
51) 2,6-Dinitrotoluene	15.017	165	5378	8.147	ng	# 21
57) 2,4-Dinitrotoluene	15.017	165	5378	5.776	ng	# 23
67) 4-Bromophenyl-phenylether	16.492	248	5354	4.314	ng	# 1
77) Benzidine	20.322	184	8894	3.591	ng	# 85

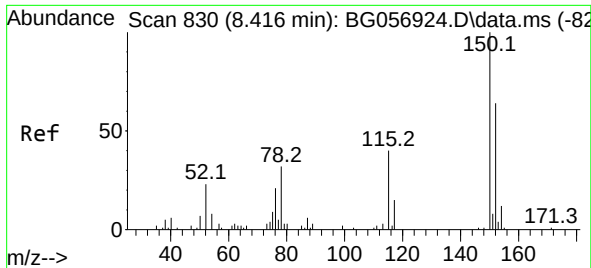
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
Data File : BG057089.D
Acq On : 13 Apr 2023 20:03
Operator : CG/JU
Sample : 02292-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

Quant Time: Apr 14 01:23:44 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

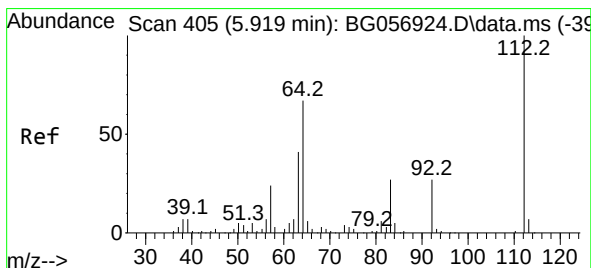
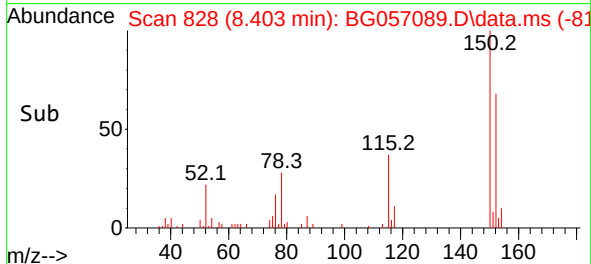
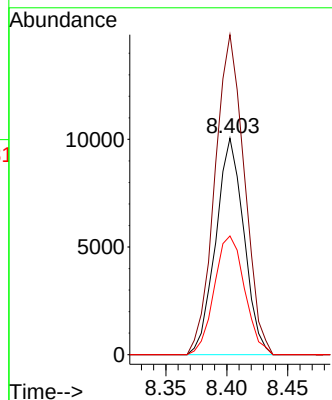
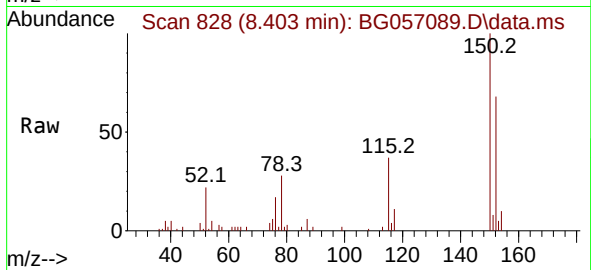




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

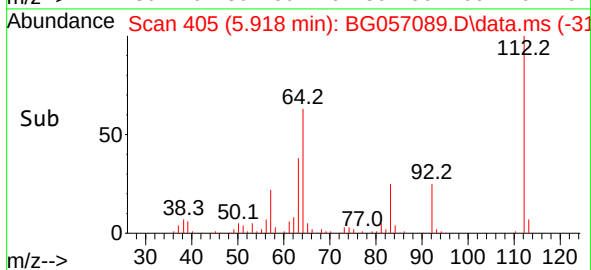
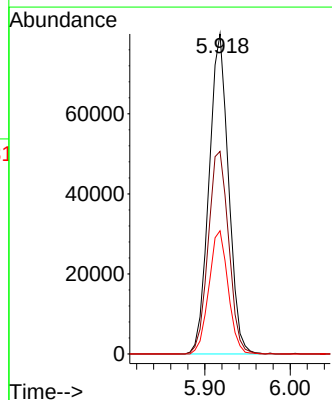
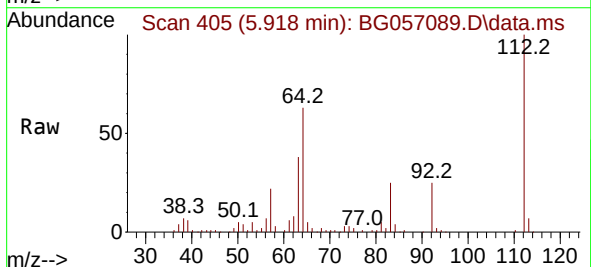
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

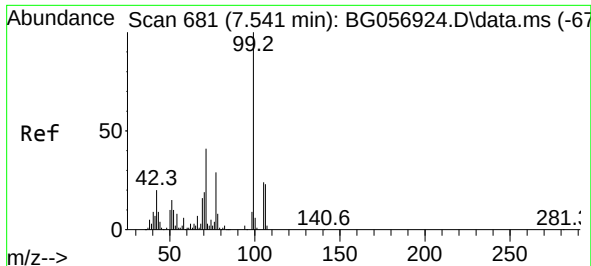
Tgt Ion:152 Resp: 16143
Ion Ratio Lower Upper
152 100
150 147.8 124.1 186.1
115 54.9 49.1 73.7



#5
2-Fluorophenol
Concen: 125.567 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:112 Resp: 126654
Ion Ratio Lower Upper
112 100
64 63.3 53.2 79.8
63 38.5 32.6 48.8

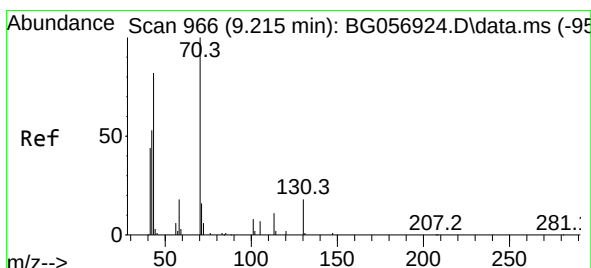
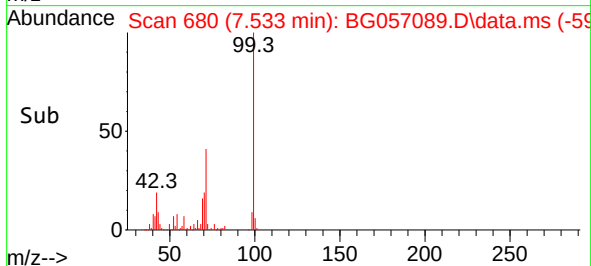
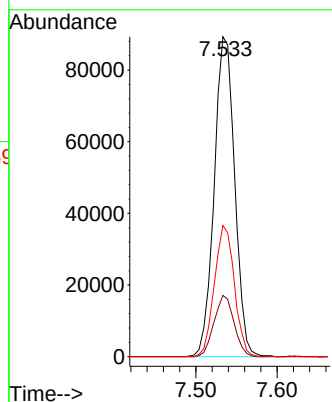
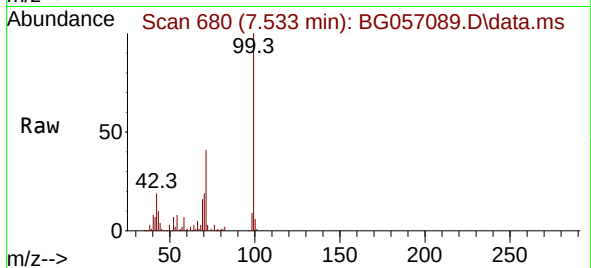




#7
Phenol-d6
Concen: 103.880 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

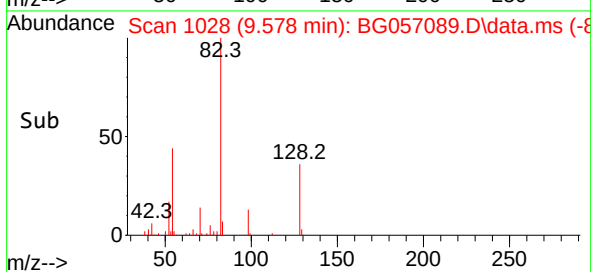
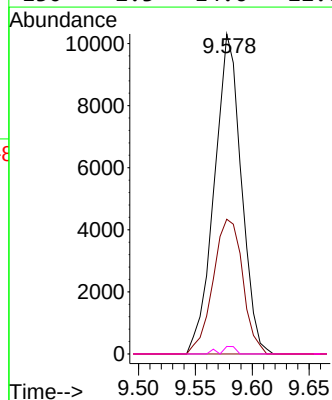
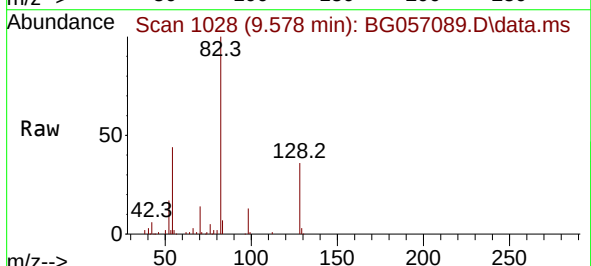
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

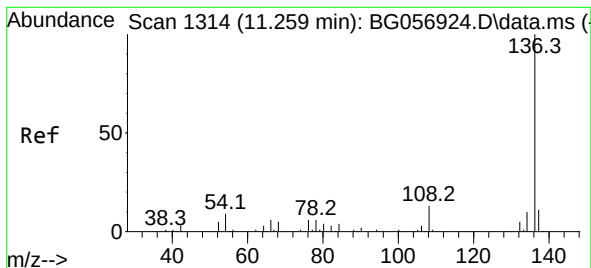
Tgt Ion: 99 Resp: 156710
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 41.0 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.744 ng
RT: 9.578 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion: 70 Resp: 16988
Ion Ratio Lower Upper
70 100
42 42.1 43.4 65.0#
101 0.0 6.2 9.2#
130 2.3 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.240 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG057089.D

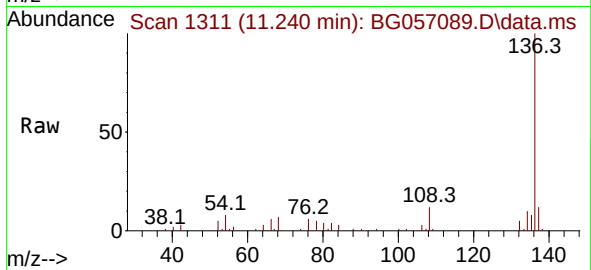
Acq: 13 Apr 2023 20:03

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G3-041123



Tgt Ion:136 Resp: 60510

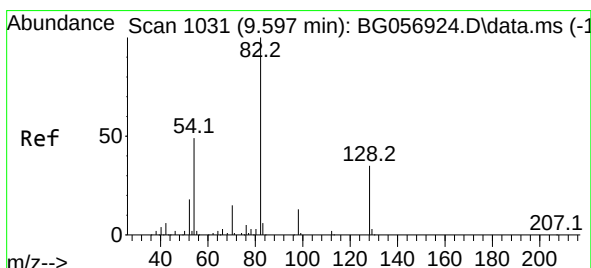
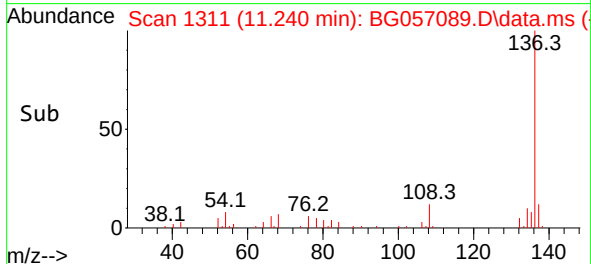
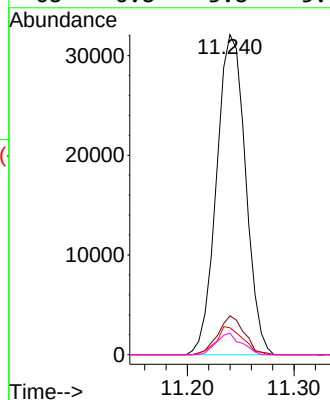
Ion Ratio Lower Upper

136 100

137 12.2 8.6 13.0

54 8.4 6.9 10.3

68 6.8 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 85.394 ng

RT: 9.578 min Scan# 1028

Delta R.T. -0.009 min

Lab File: BG057089.D

Acq: 13 Apr 2023 20:03

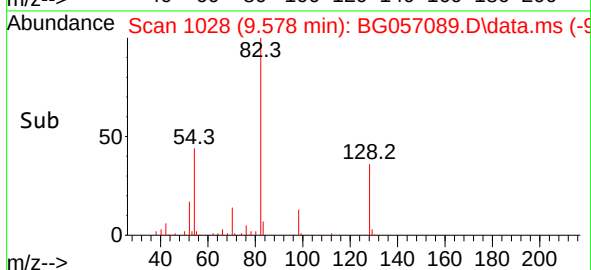
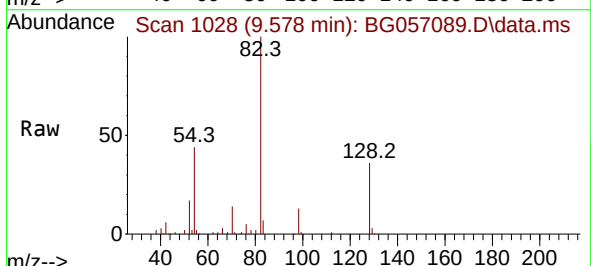
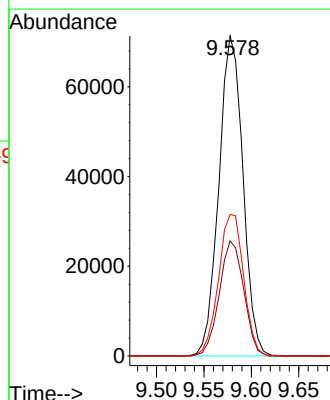
Tgt Ion: 82 Resp: 126283

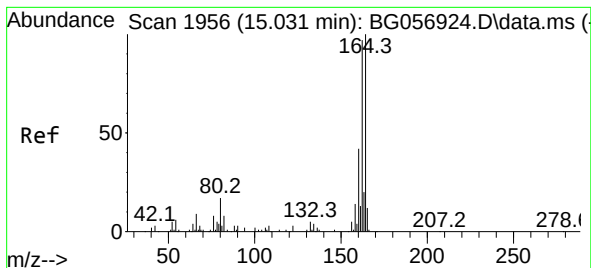
Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 44.2 39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG057089.D

Acq: 13 Apr 2023 20:03

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G3-041123

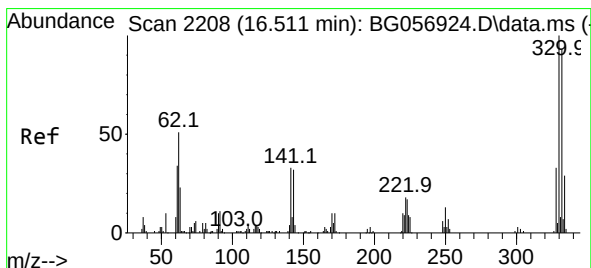
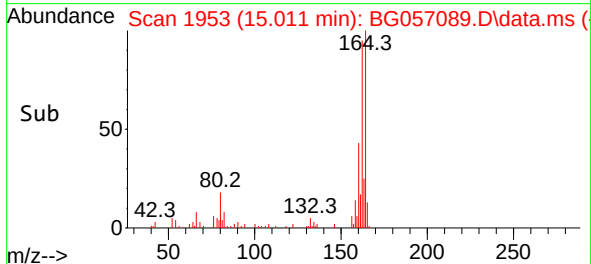
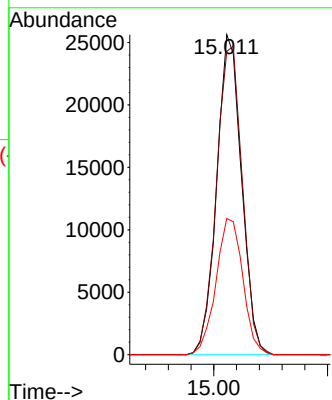
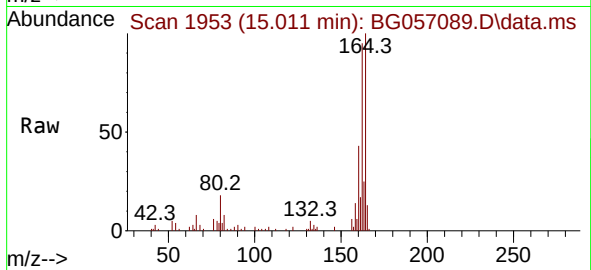
Tgt Ion:164 Resp: 38777

Ion Ratio Lower Upper

164 100

162 94.8 77.8 116.8

160 42.5 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 149.449 ng

RT: 16.492 min Scan# 2205

Delta R.T. -0.009 min

Lab File: BG057089.D

Acq: 13 Apr 2023 20:03

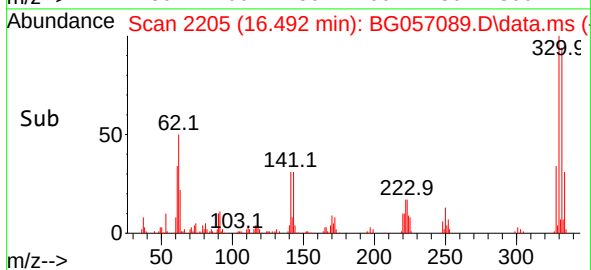
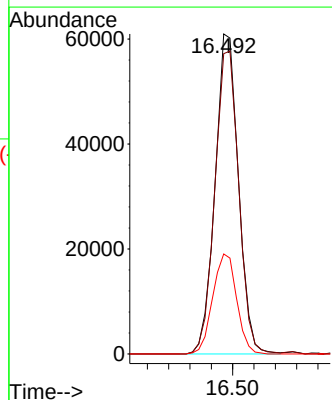
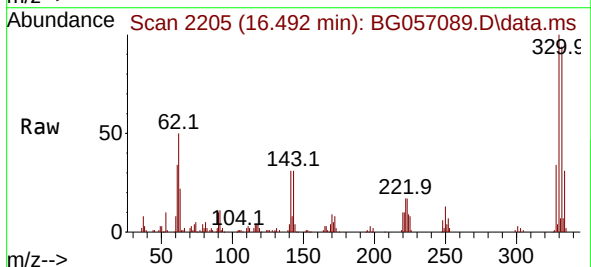
Tgt Ion:330 Resp: 92580

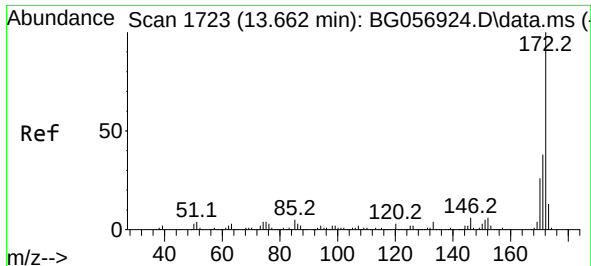
Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

141 32.0 25.8 38.6

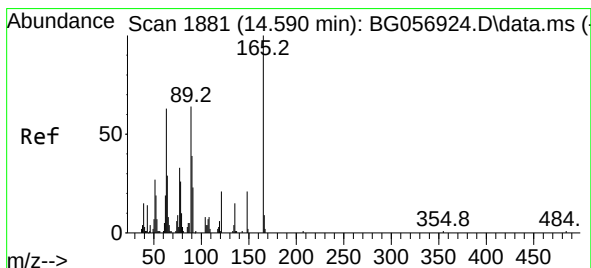
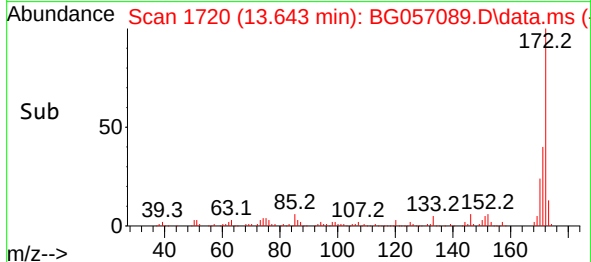
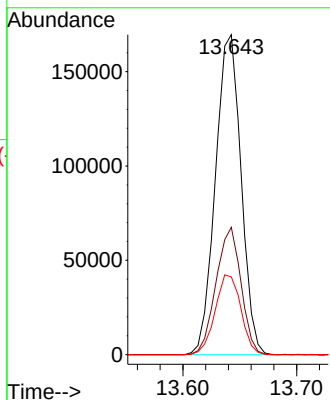
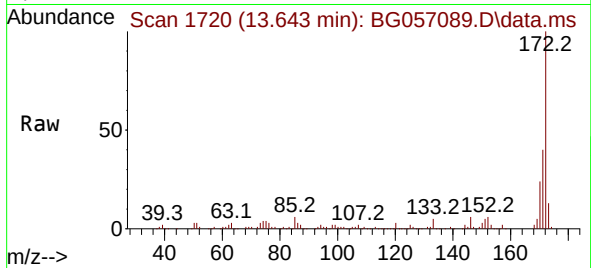




#45
2-Fluorobiphenyl
Concen: 92.972 ng
RT: 13.643 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

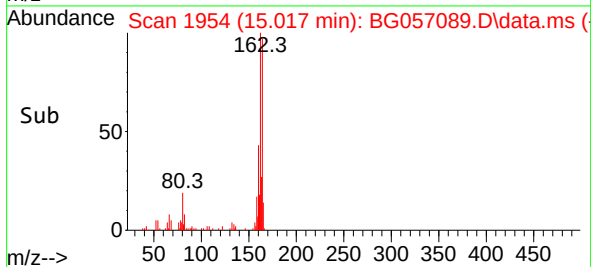
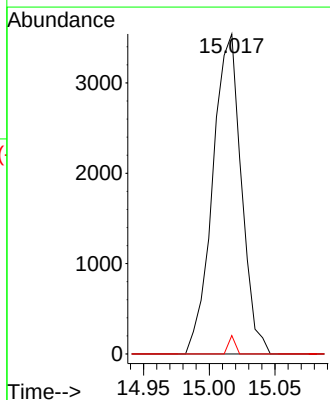
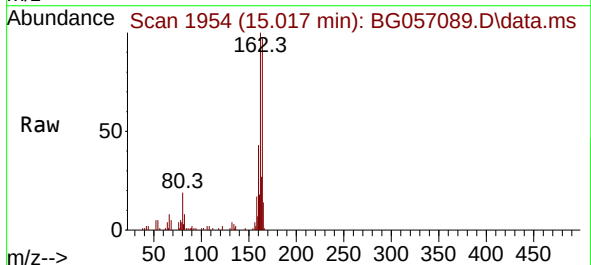
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

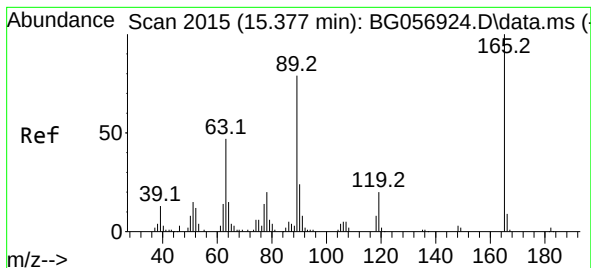
Tgt Ion:172 Resp: 265865
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

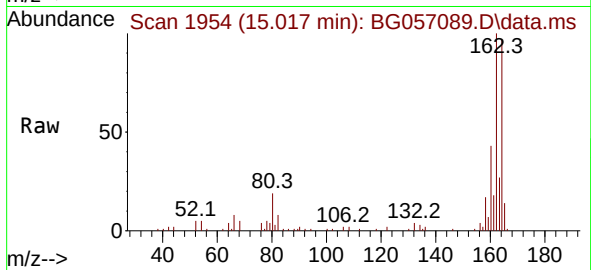
Tgt Ion:165 Resp: 5378
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 5.8 51.0 76.4#



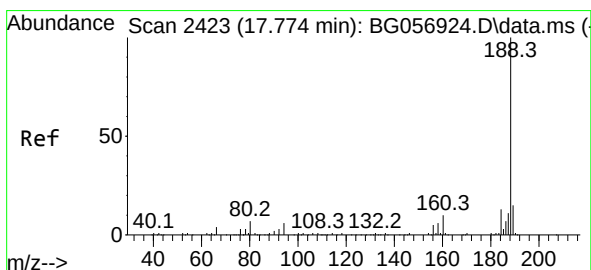
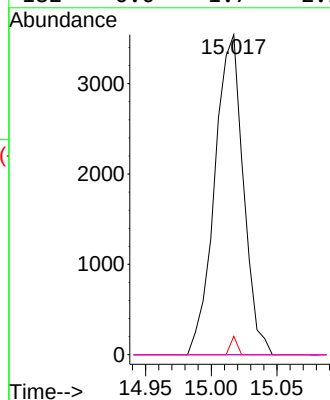
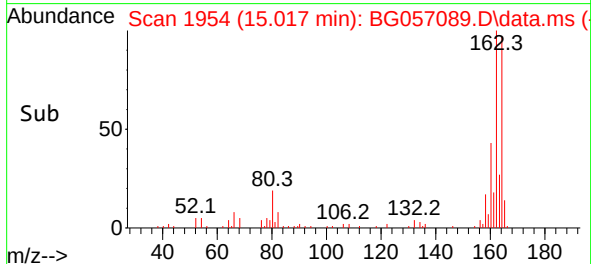


#57
2,4-Dinitrotoluene
Concen: 5.776 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.349 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

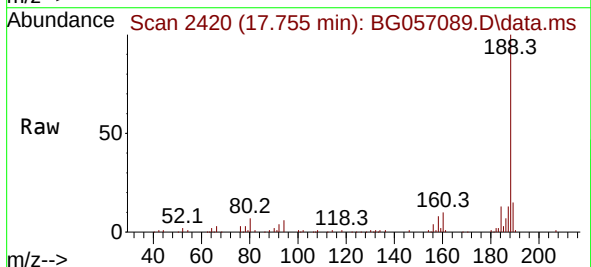
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123



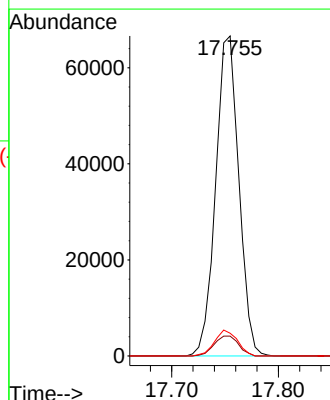
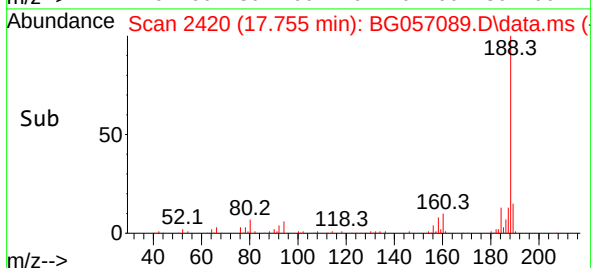
Tgt Ion:165 Resp: 5378
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 5.8 63.2 94.8#
182 0.0 1.7 2.5#

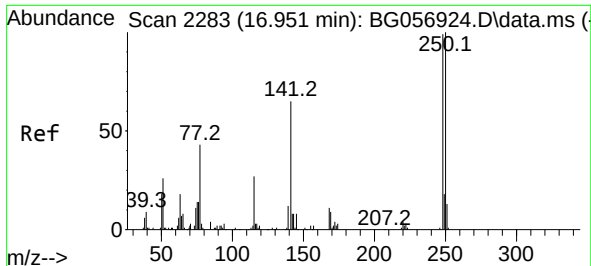


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03



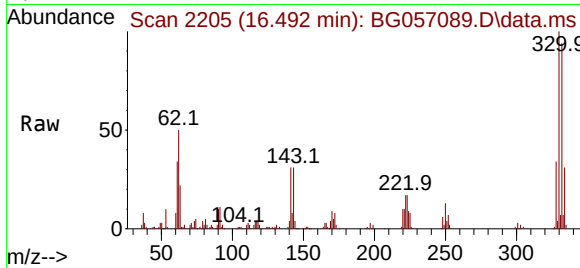
Tgt Ion:188 Resp: 100304
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.1 5.5 8.3



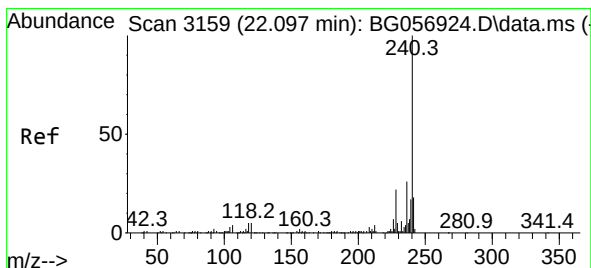
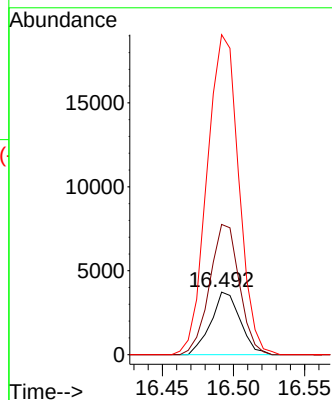
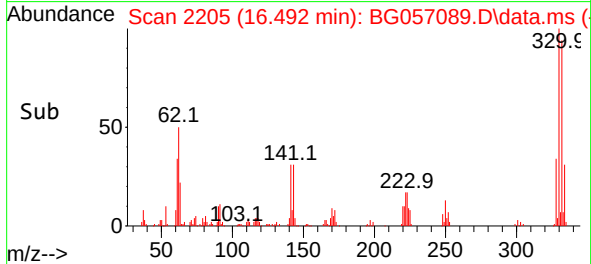


#67
4-Bromophenyl-phenylether
Concen: 4.314 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

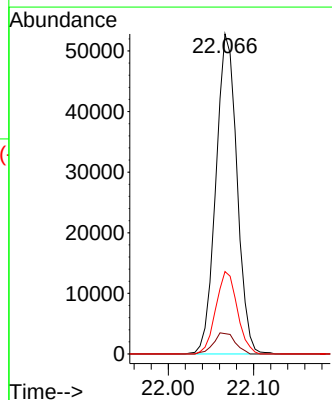
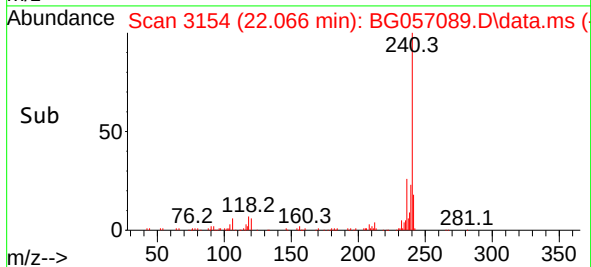
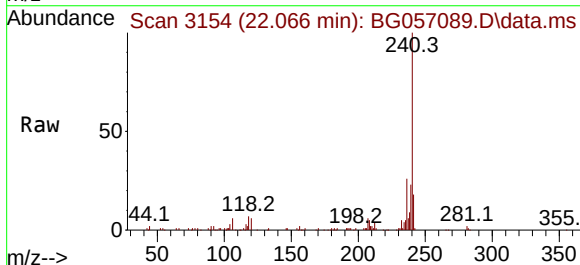


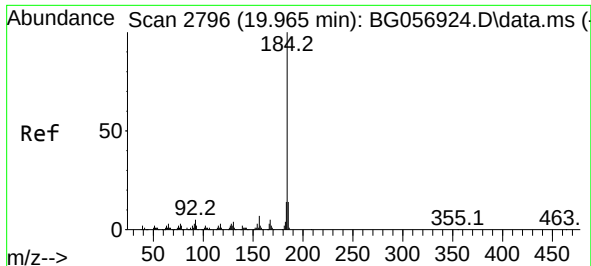
Tgt Ion:248 Resp: 5354
Ion Ratio Lower Upper
248 100
250 208.2 80.5 120.7#
141 511.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.014 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:240 Resp: 90621
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 25.7 21.0 31.6

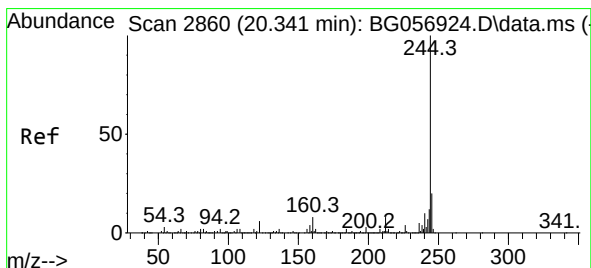
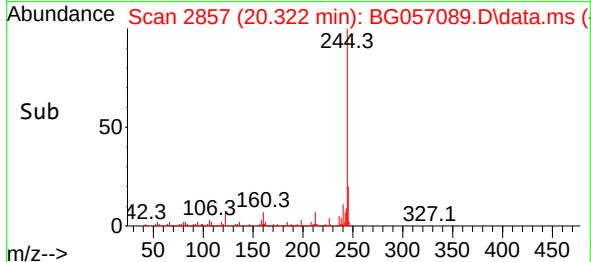
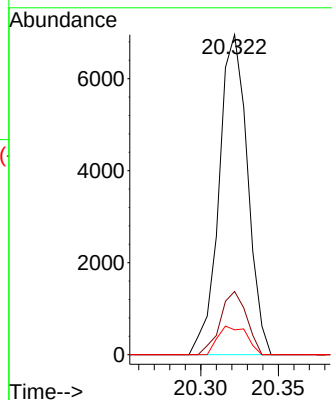
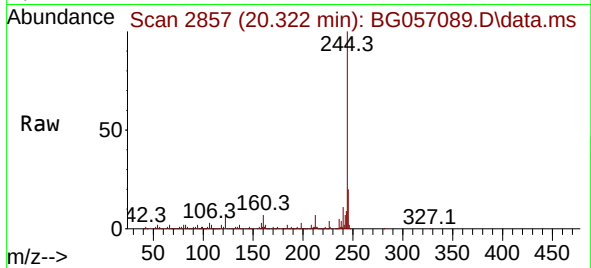




#77
Benzidine
Concen: 3.591 ng
RT: 20.322 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

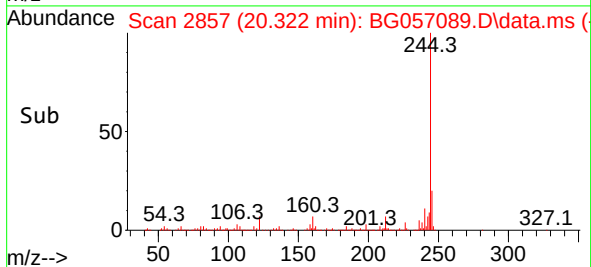
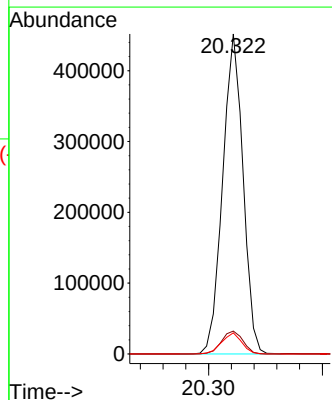
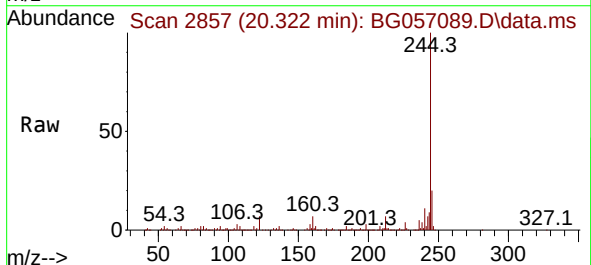
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

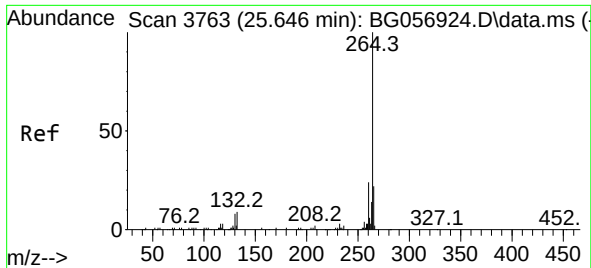
Tgt Ion:184 Resp: 8894
Ion Ratio Lower Upper
184 100
185 19.7 11.0 16.4#
183 7.7 11.4 17.0#



#79
Terphenyl-d14
Concen: 104.802 ng
RT: 20.322 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Tgt Ion:244 Resp: 561250
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.6 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.603 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057089.D
Acq: 13 Apr 2023 20:03

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G3-041123

Tgt Ion:264	Resp:	18905
Ion Ratio	Lower	Upper
264	100	
260	27.5	19.0 28.4
265	24.6	17.8 26.6

