

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056965.D
 Acq On : 4 Apr 2023 14:29
 Operator : CG/JU
 Sample : 02109-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-26

Quant Time: Apr 05 04:07:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

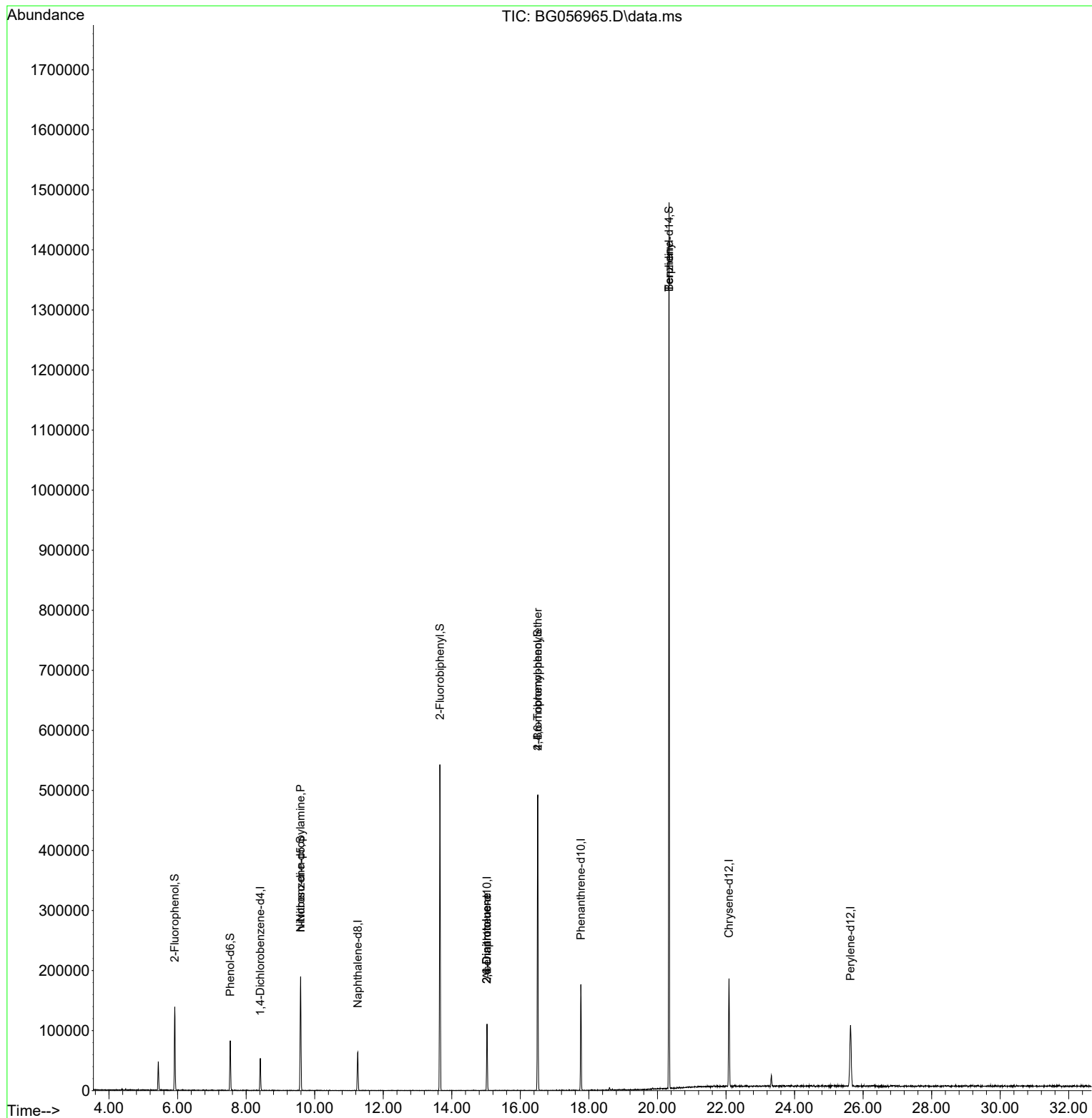
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	13785	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	54243	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	40467	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	111071	20.000	ng	0.00
76) Chrysene-d12	22.084	240	119717	20.000	ng	-0.01
86) Perylene-d12	25.632	264	123762	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	54470	63.240	ng	0.00
7) Phenol-d6	7.539	99	46256	35.907	ng	0.00
23) Nitrobenzene-d5	9.589	82	115910	87.435	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	97516	150.843	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	269244	90.221	ng	0.00
79) Terphenyl-d14	20.339	244	713188	100.807	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.589	70	17206	18.673	ng	# 83
51) 2,6-Dinitrotoluene	15.023	165	5030	7.301	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	5030	5.177	ng	# 18
67) 4-Bromophenyl-phenylether	16.509	248	6195	4.508	ng	# 1
77) Benzidine	20.339	184	12243	3.741	ng	# 91

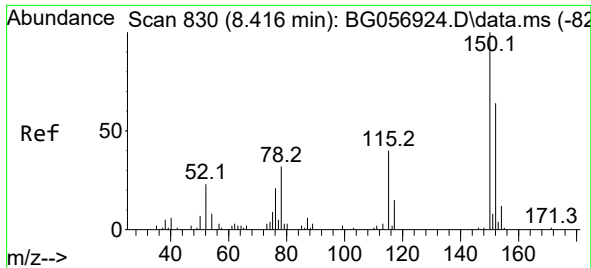
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 05 04:07:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

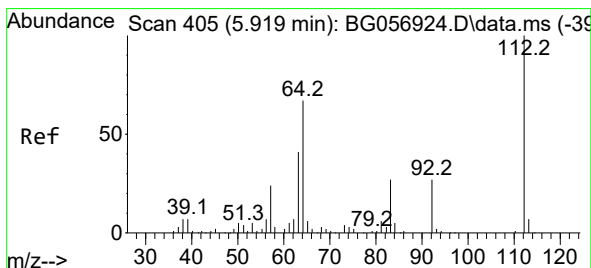
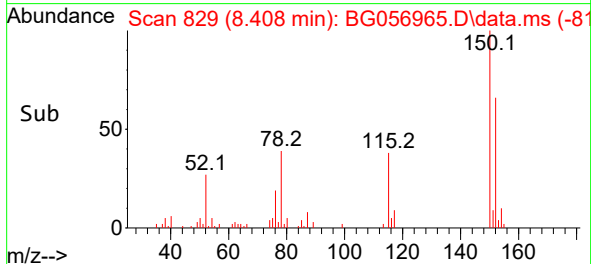
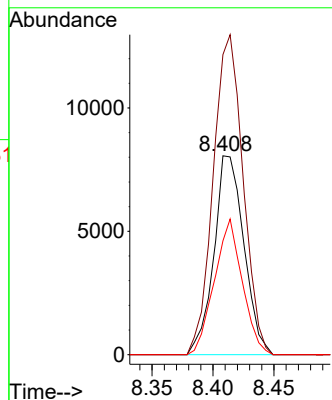
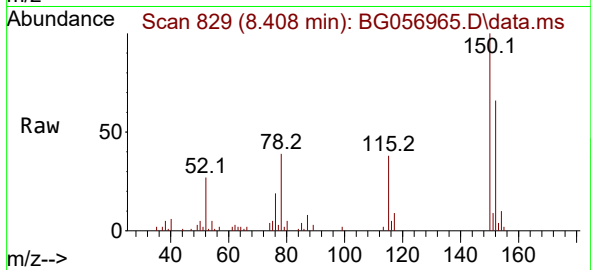




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

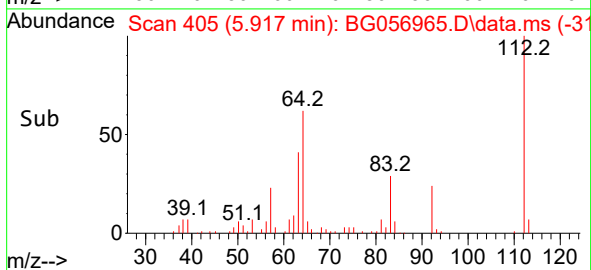
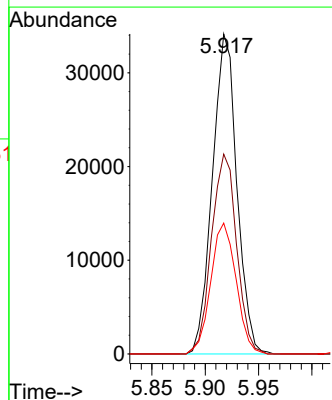
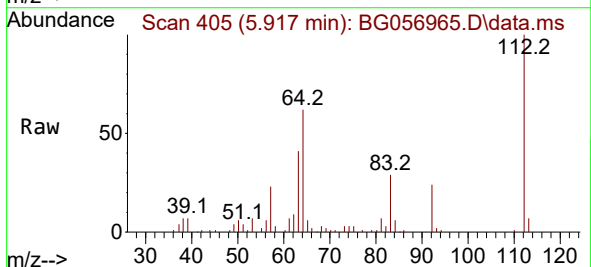
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

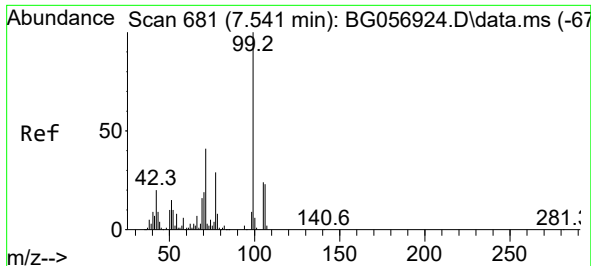
Tgt Ion:152 Resp: 13785
Ion Ratio Lower Upper
152 100
150 150.8 124.1 186.1
115 57.2 49.1 73.7



#5
2-Fluorophenol
Concen: 63.240 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion:112 Resp: 54470
Ion Ratio Lower Upper
112 100
64 62.5 53.2 79.8
63 40.9 32.6 48.8

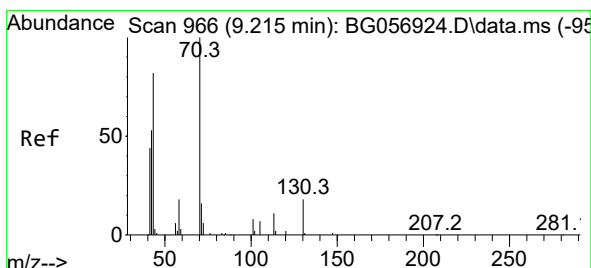
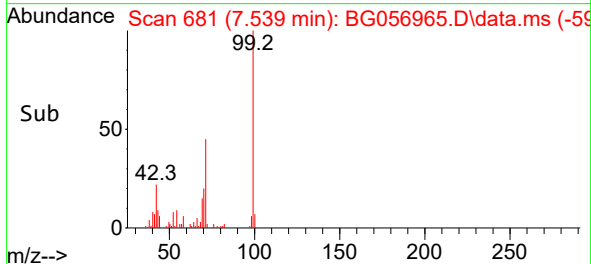
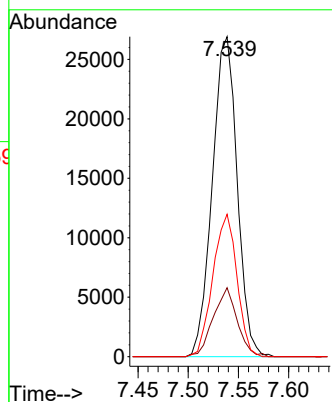
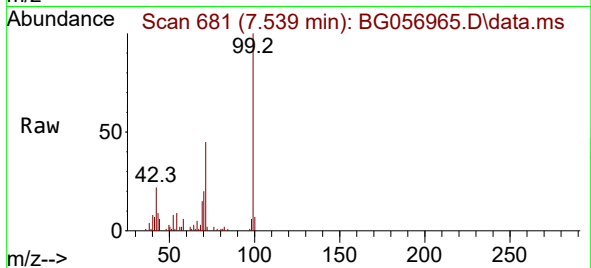




#7
Phenol-d6
Concen: 35.907 ng
RT: 7.539 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

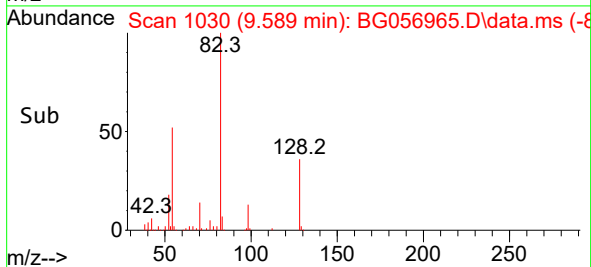
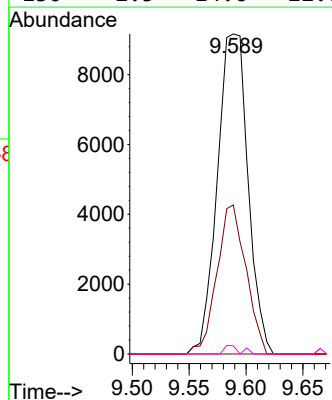
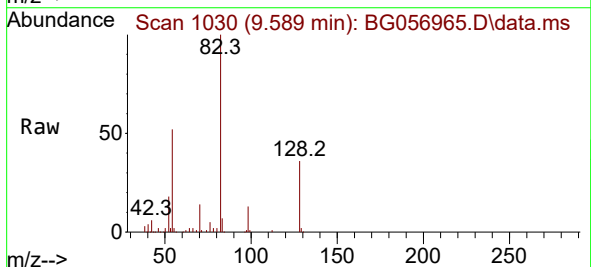
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

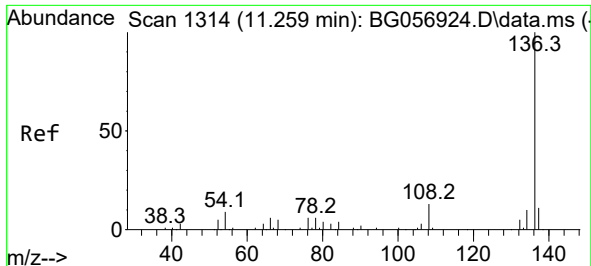
Tgt Ion: 99 Resp: 46256
Ion Ratio Lower Upper
99 100
42 21.6 15.7 23.5
71 44.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.673 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.374 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion: 70 Resp: 17206
Ion Ratio Lower Upper
70 100
42 46.5 43.4 65.0
101 0.0 6.2 9.2#
130 2.5 14.6 22.0#

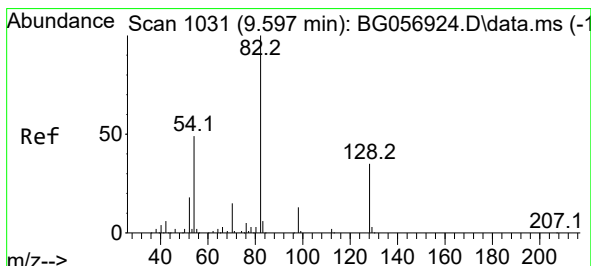
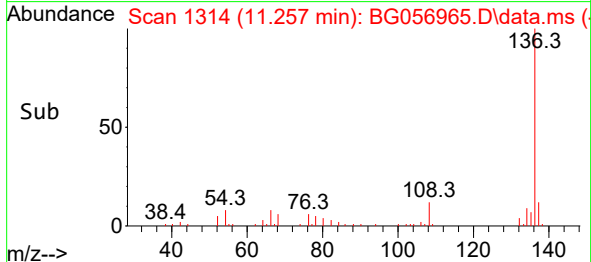
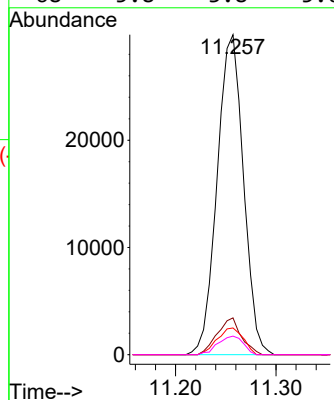
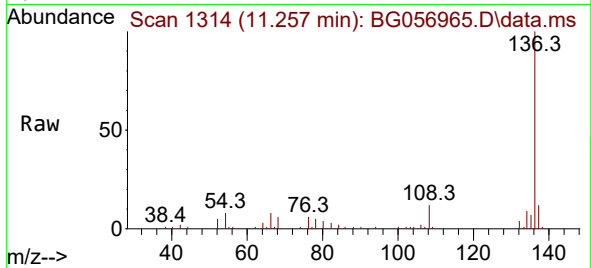




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

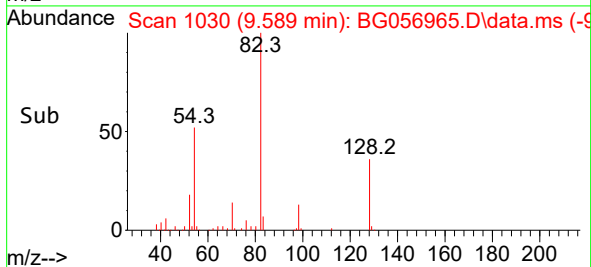
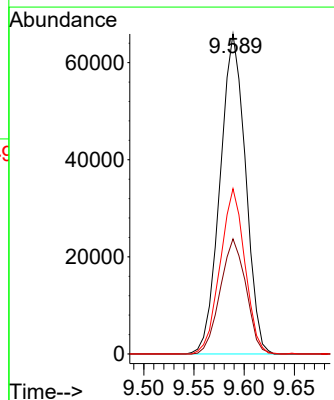
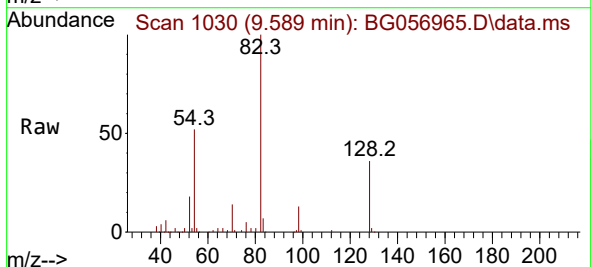
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

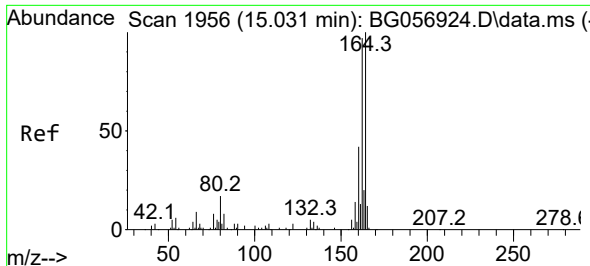
Tgt Ion:	136	Resp:	54243
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	8.3	6.9	10.3
68	5.8	3.8	5.6



#23
Nitrobenzene-d5
Concen: 87.435 ng
RT: 9.589 min Scan# 1030
Delta R.T. -0.008 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

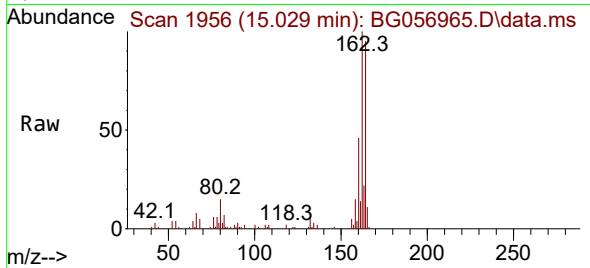
Tgt Ion:	82	Resp:	115910
Ion Ratio	Lower	Upper	
82	100		
128	36.0	27.9	41.9
54	51.7	39.4	59.2



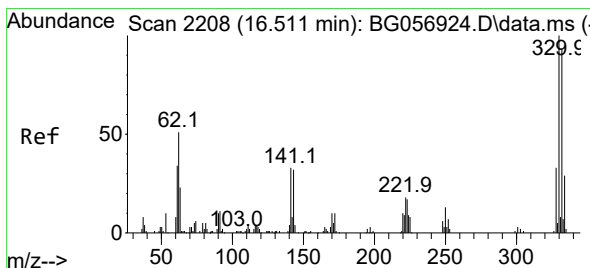
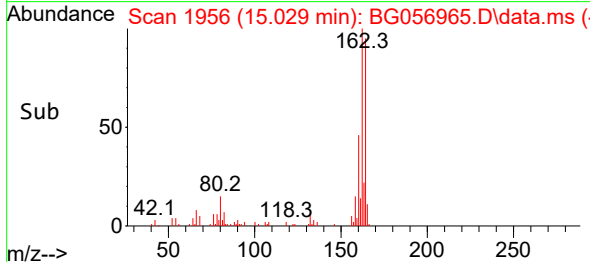
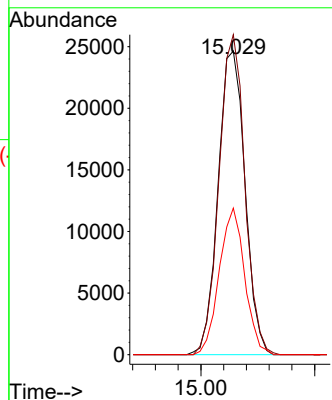


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

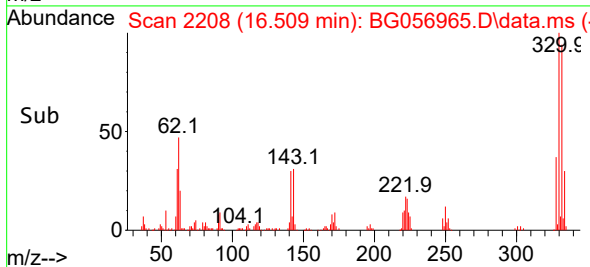
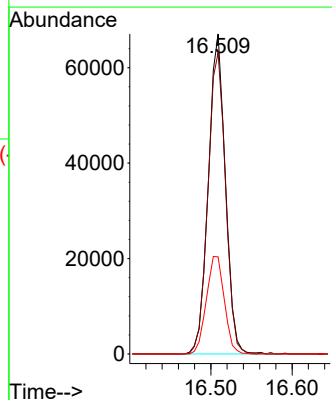
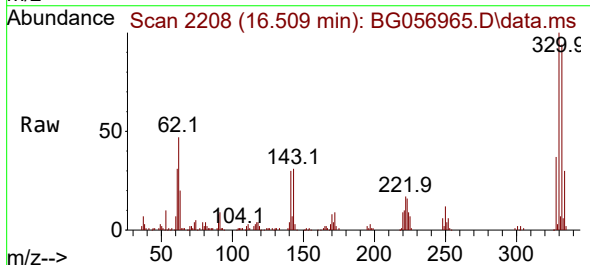


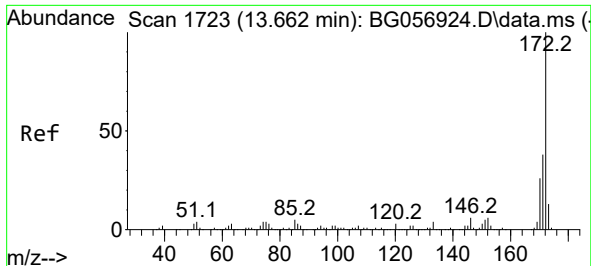
Tgt Ion:	164	Resp:	40467
Ion Ratio	Lower	Upper	
164	100		
162	105.4	77.8	116.8
160	48.3	33.5	50.3



#42
2,4,6-Tribromophenol
Concen: 150.843 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion:	330	Resp:	97516
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.1	114.1
141	32.1	25.8	38.6

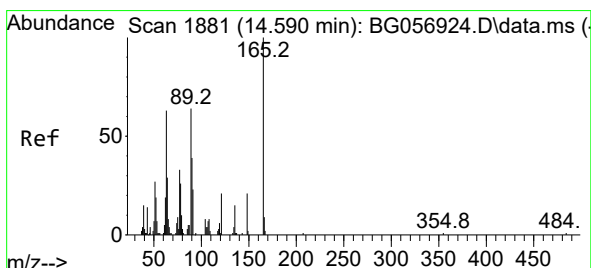
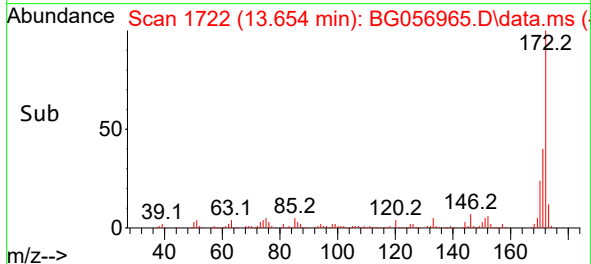
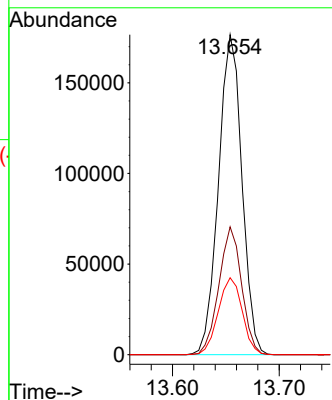
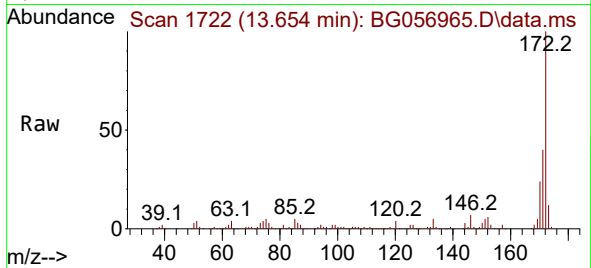




#45
2-Fluorobiphenyl
Concen: 90.221 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

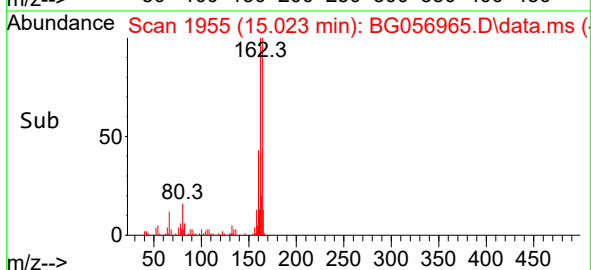
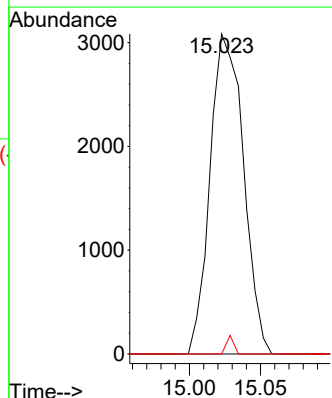
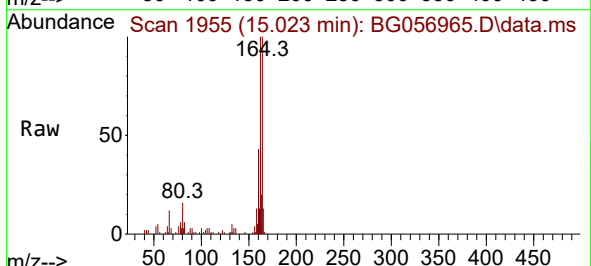
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

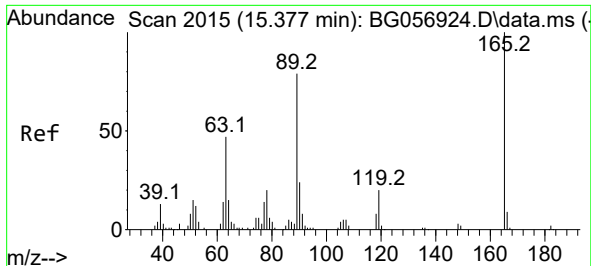
Tgt Ion:172 Resp: 269244
Ion Ratio Lower Upper
172 100
171 40.0 30.6 46.0
170 24.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.301 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.433 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion:165 Resp: 5030
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: 5.177 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.354 min

Lab File: BG056965.D

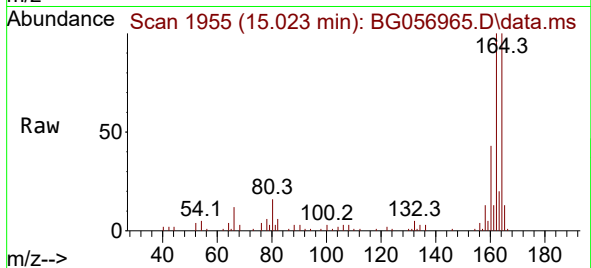
Acq: 4 Apr 2023 14:29

Instrument :

BNA_G

ClientSampleId :

EB-2023-03-26



Tgt Ion:165 Resp: 5030

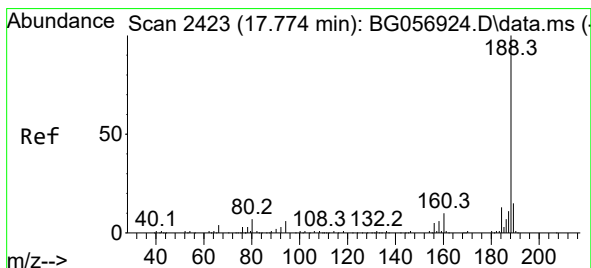
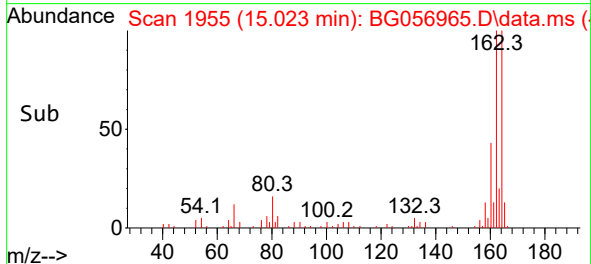
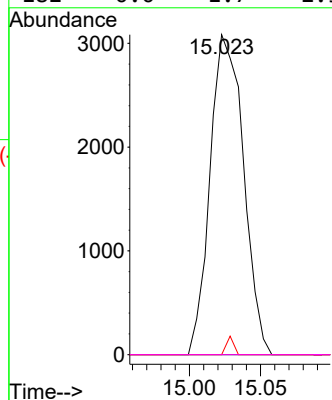
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056965.D

Acq: 4 Apr 2023 14:29

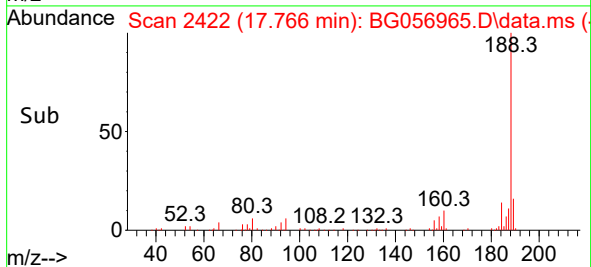
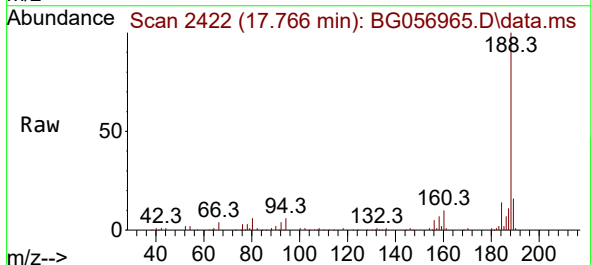
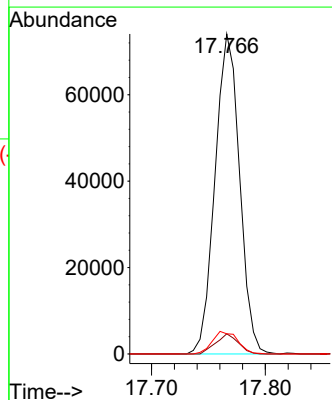
Tgt Ion:188 Resp: 111071

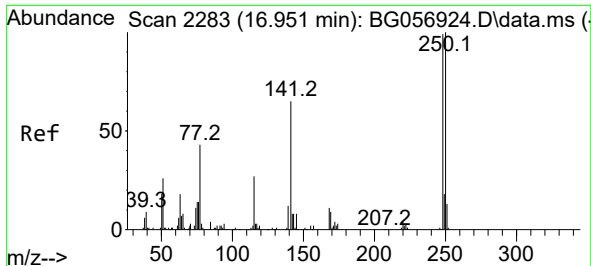
Ion Ratio Lower Upper

188 100

94 6.3 4.6 6.8

80 6.3 5.5 8.3

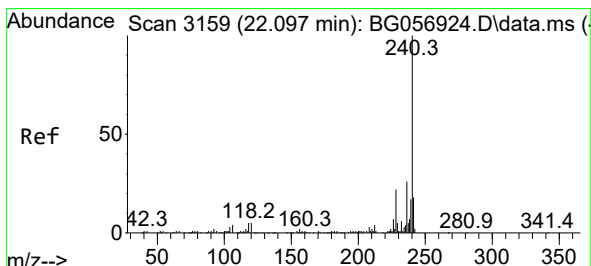
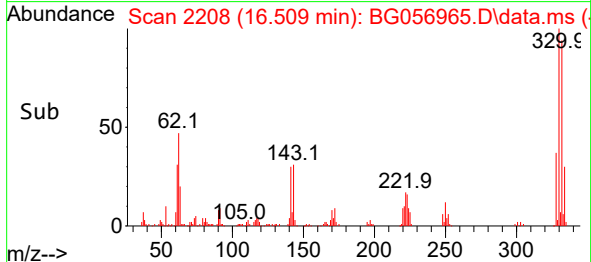
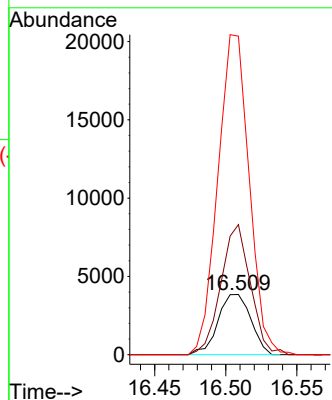
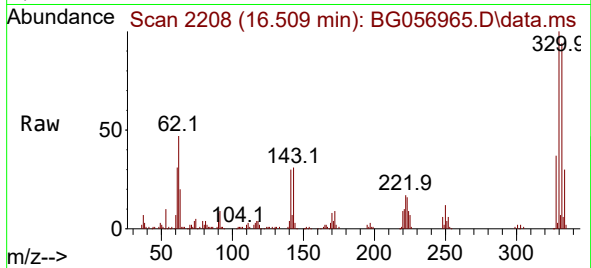




#67
4-Bromophenyl-phenylether
Concen: 4.508 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

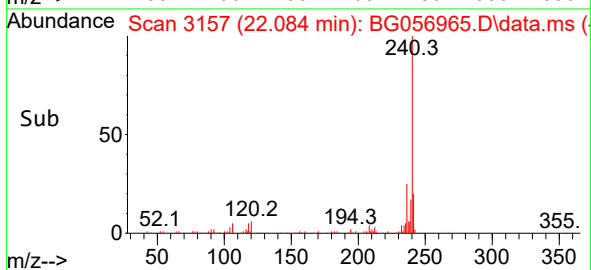
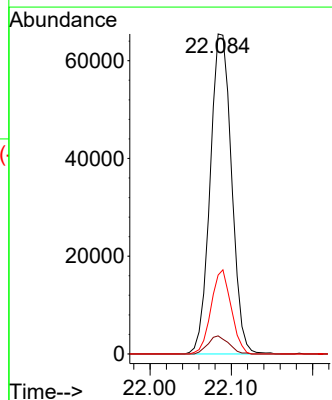
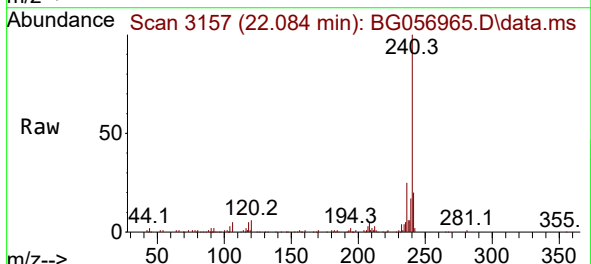
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

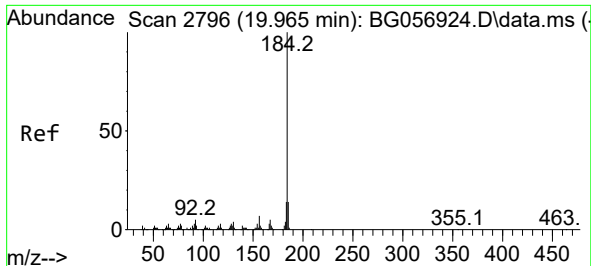
Tgt Ion:248 Resp: 6195
Ion Ratio Lower Upper
248 100
250 216.0 80.5 120.7#
141 528.9 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.084 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

Tgt Ion:240 Resp: 119717
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 24.6 21.0 31.6

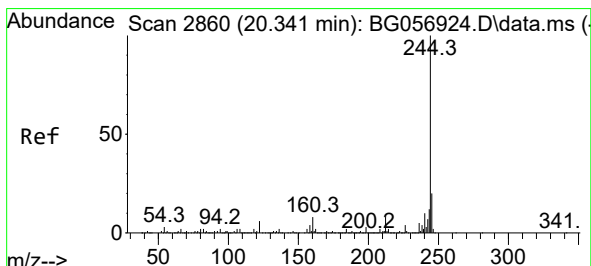
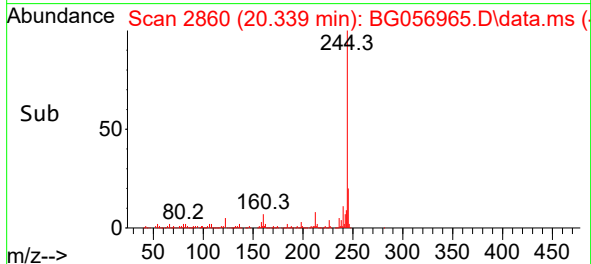
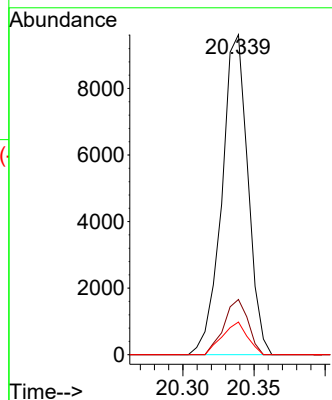
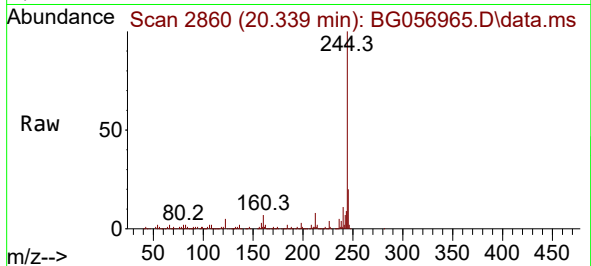




#77
Benzidine
Concen: 3.741 ng
RT: 20.339 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

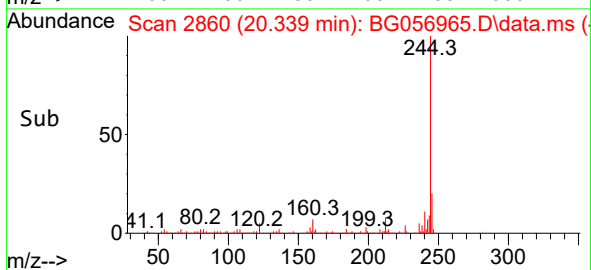
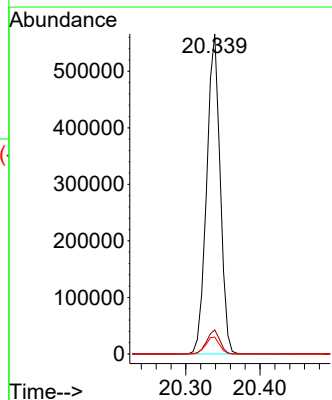
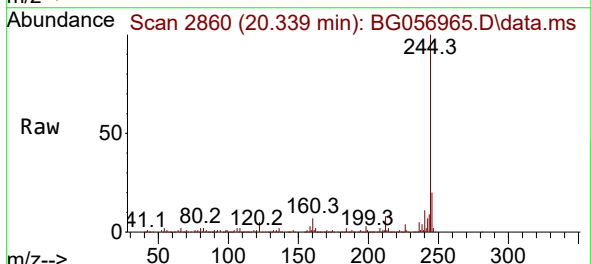
Instrument :
BNA_G
ClientSampleId :
EB-2023-03-26

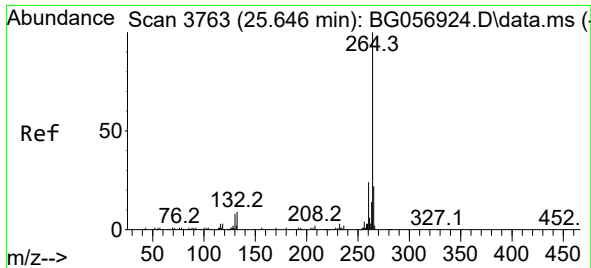
Tgt Ion:184 Resp: 12243
Ion Ratio Lower Upper
184 100
185 17.3 11.0 16.4#
183 10.2 11.4 17.0#



#79
Terphenyl-d14
Concen: 100.807 ng
RT: 20.339 min Scan# 2860
Delta R.T. -0.002 min
Lab File: BG056965.D
Acq: 4 Apr 2023 14:29

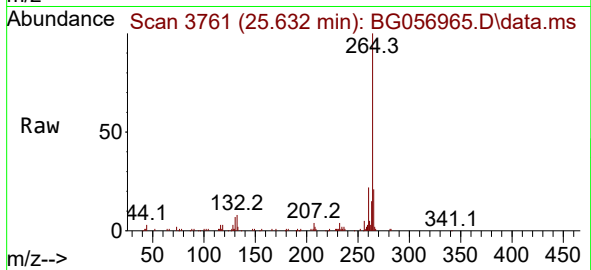
Tgt Ion:244 Resp: 713188
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 5.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG056965.D
 Acq: 4 Apr 2023 14:29

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-03-26



Tgt Ion:264 Resp: 123762

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.0	28.4
265	20.6	17.8	26.6

