

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056143.D
 Acq On : 28 Dec 2022 17:07
 Operator : CG/JU
 Sample : N6212-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Dec 29 03:39:01 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)

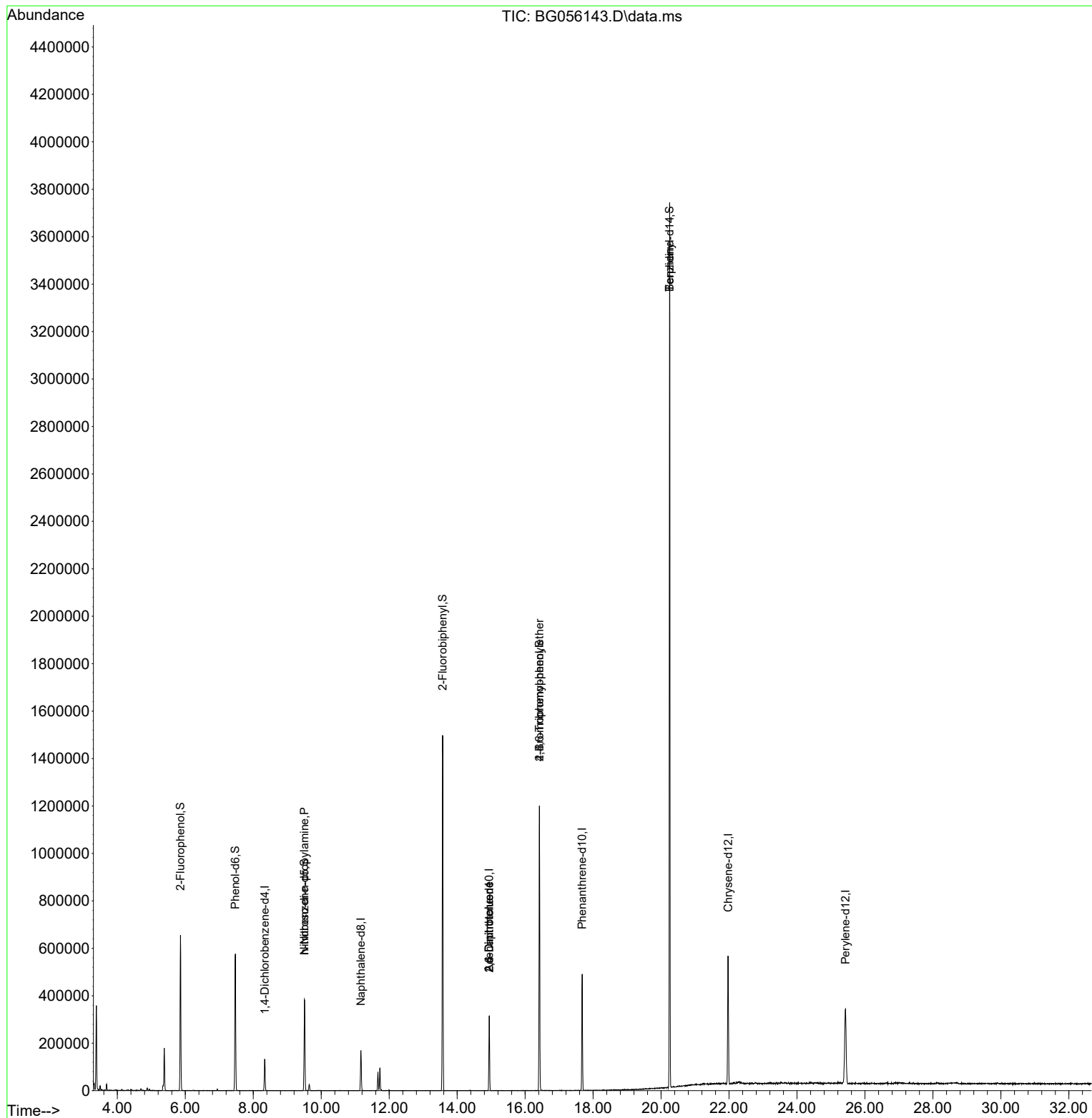
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	43911	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	154940	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	121967	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	327888	20.000	ng	0.00
76) Chrysene-d12	21.972	240	377272	20.000	ng	# 0.00
86) Perylene-d12	25.427	264	416324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	358518	145.780	ng	0.00
7) Phenol-d6	7.472	99	455525	120.611	ng	0.00
23) Nitrobenzene-d5	9.505	82	281889	93.062	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	236330	152.995	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	854642	96.762	ng	0.00
79) Terphenyl-d14	20.251	244	1997563	94.832	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.505	70	35909	15.636	ng	# 71
51) 2,6-Dinitrotoluene	14.939	165	15964	7.609	ng	# 32
57) 2,4-Dinitrotoluene	14.939	165	15964	5.441	ng	# 29
67) 4-Bromophenyl-phenylether	16.420	248	21308	5.103	ng	# 1
77) Benzidine	20.251	184	29265	2.213	ng	# 94

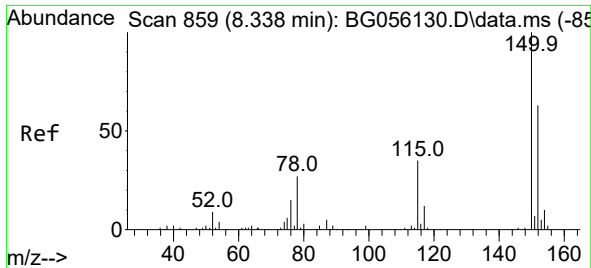
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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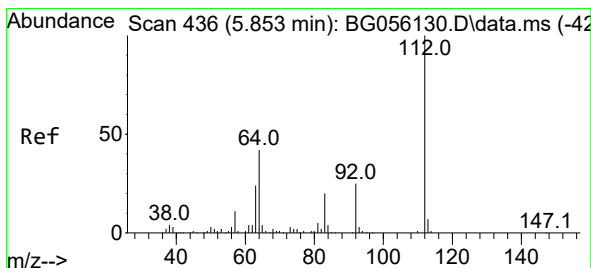
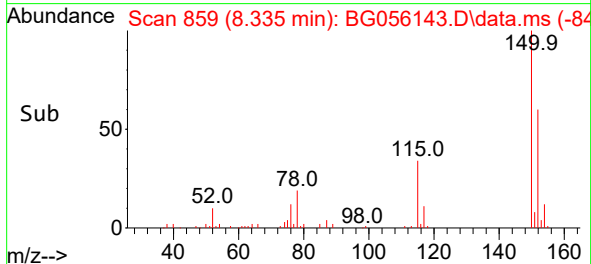
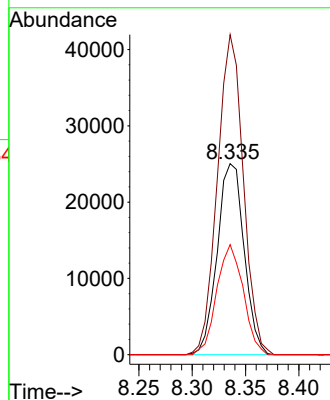
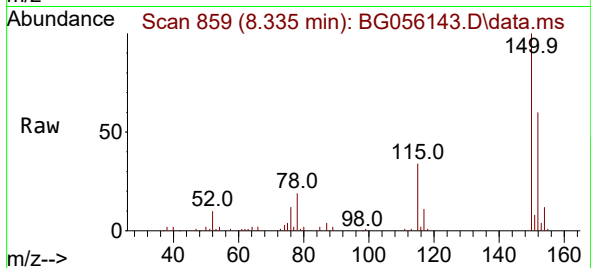




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

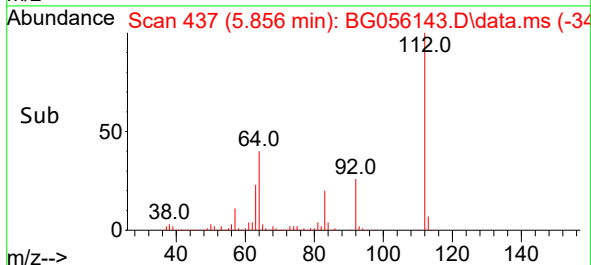
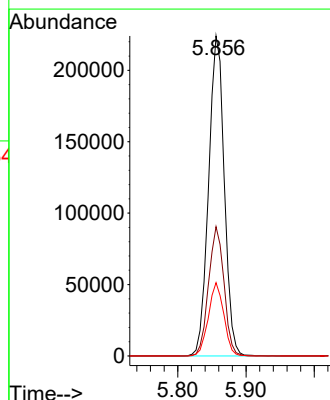
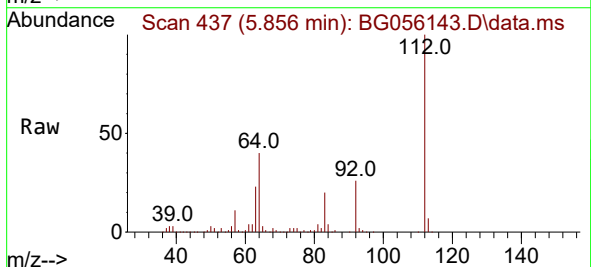
Instrument :
BNA_G
ClientSampleId :
TP-1

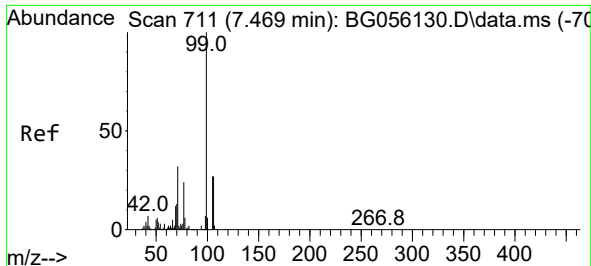
Tgt Ion:152 Resp: 43911
Ion Ratio Lower Upper
152 100
150 167.5 127.9 191.9
115 57.6 44.2 66.2



#5
2-Fluorophenol
Concen: 145.780 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion:112 Resp: 358518
Ion Ratio Lower Upper
112 100
64 40.4 33.3 49.9
63 22.9 19.0 28.4

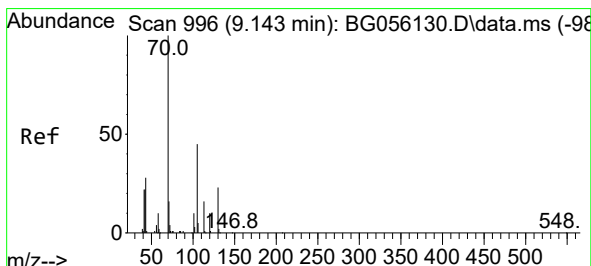
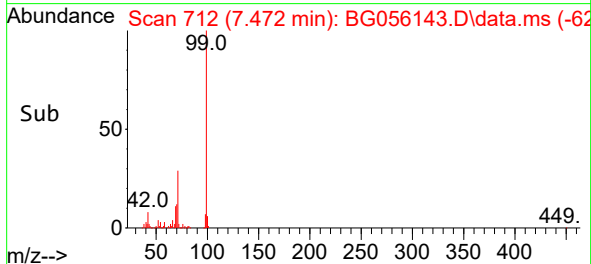
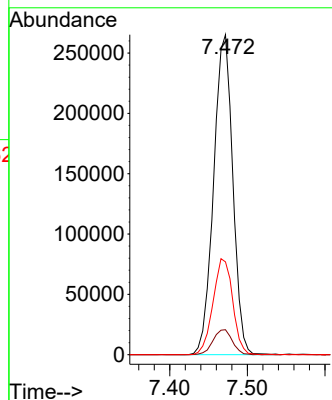
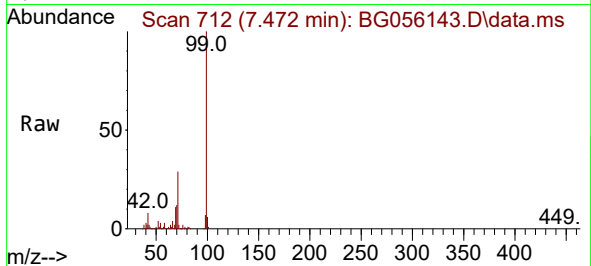




#7
Phenol-d6
Concen: 120.611 ng
RT: 7.472 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

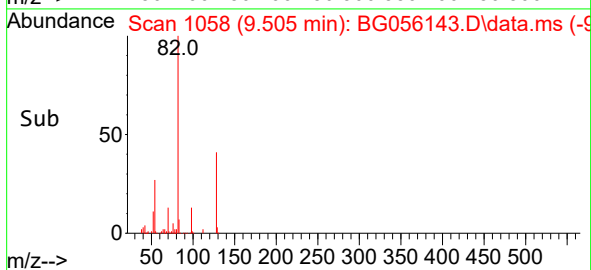
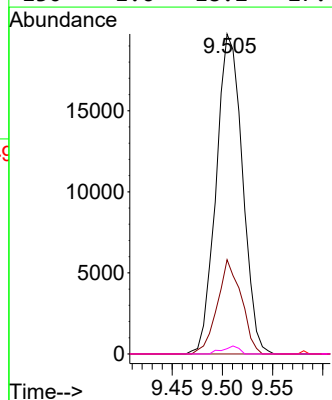
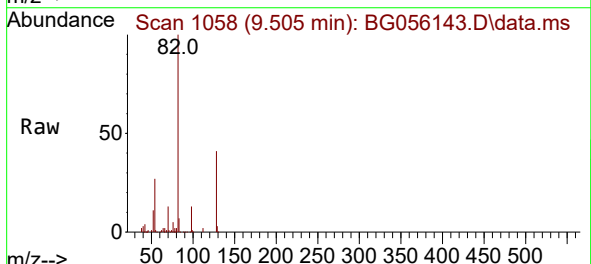
Instrument :
BNA_G
ClientSampleId :
TP-1

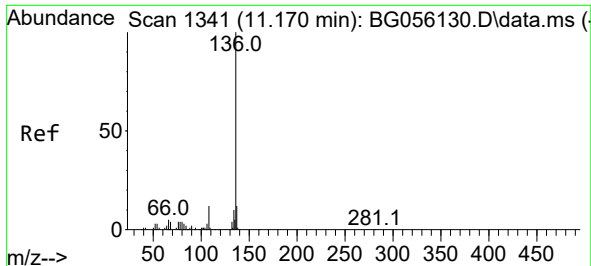
Tgt Ion: 99 Resp: 455525
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.636 ng
RT: 9.505 min Scan# 1058
Delta R.T. 0.362 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion: 70 Resp: 35909
Ion Ratio Lower Upper
70 100
42 29.4 18.2 27.2#
101 0.0 8.3 12.5#
130 1.6 18.2 27.4#

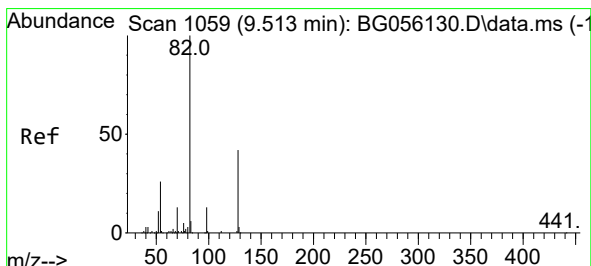
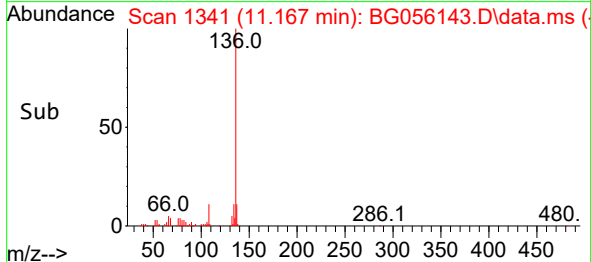
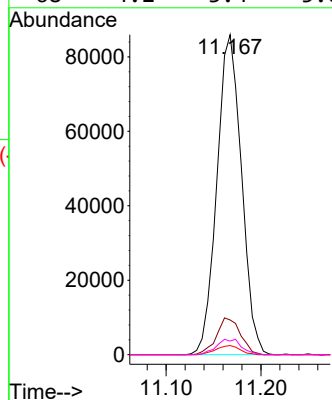
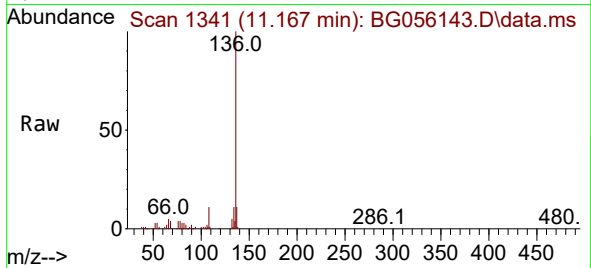




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

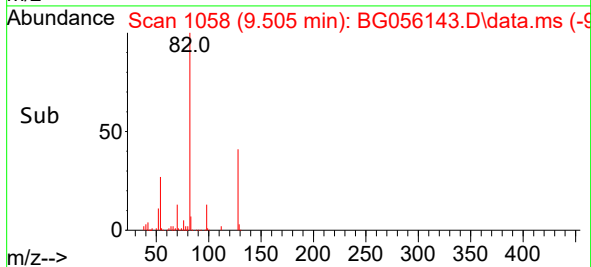
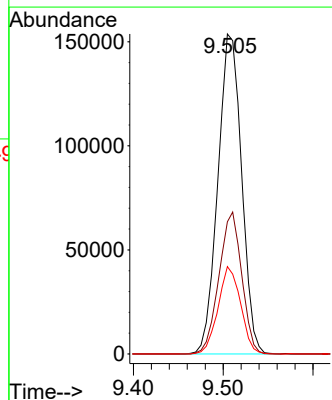
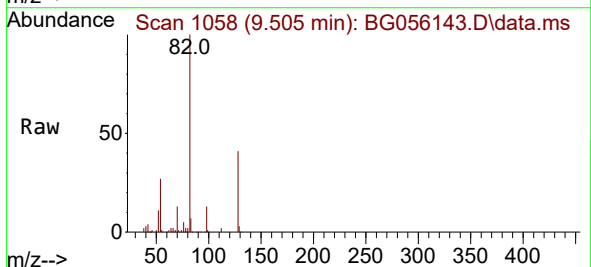
Instrument :
BNA_G
ClientSampleId :
TP-1

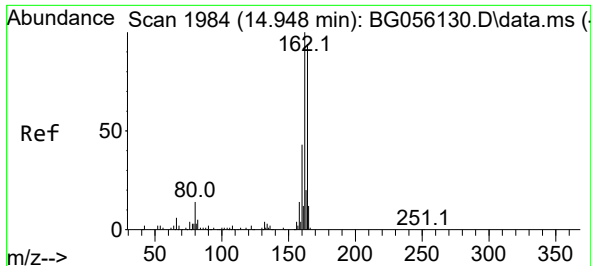
Tgt Ion:	136	Resp:	154940
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	2.9	2.2	3.2
68	4.2	3.4	5.0



#23
Nitrobenzene-d5
Concen: 93.062 ng
RT: 9.505 min Scan# 1058
Delta R.T. -0.009 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion:	82	Resp:	281889
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.4	50.2
54	27.3	20.3	30.5

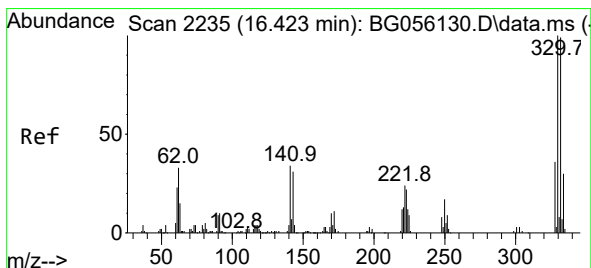
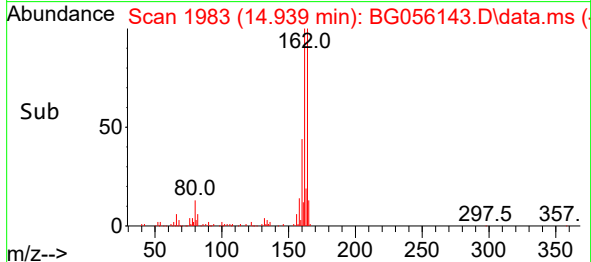
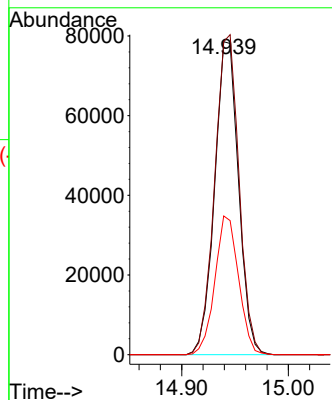
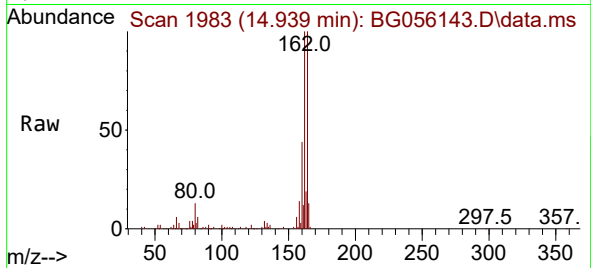




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

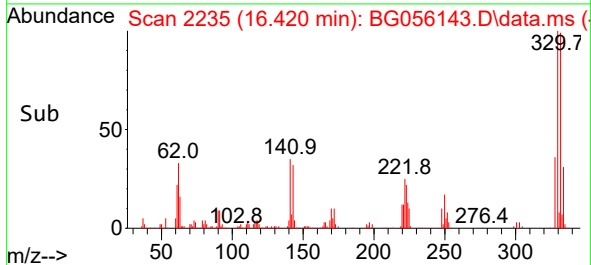
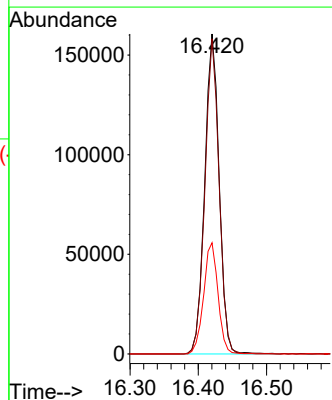
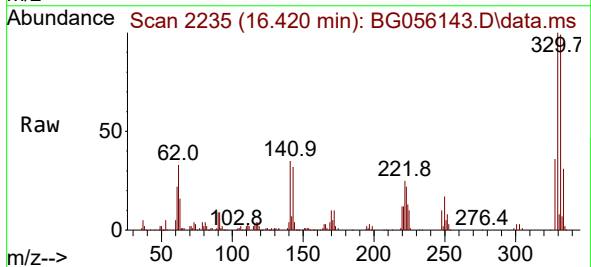
Instrument :
BNA_G
ClientSampleId :
TP-1

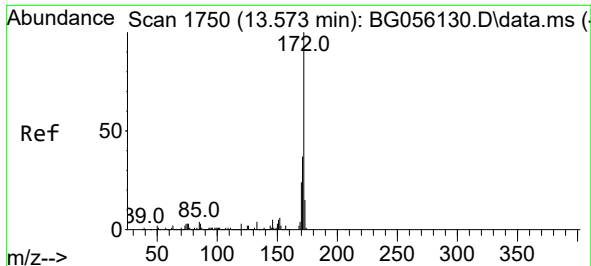
Tgt Ion:164 Resp: 121967
Ion Ratio Lower Upper
164 100
162 100.1 84.7 127.1
160 44.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 152.995 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion:330 Resp: 236330
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.6 27.9 41.9

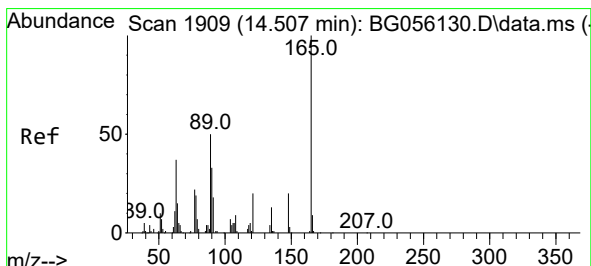
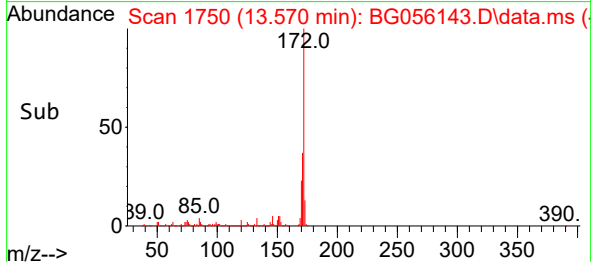
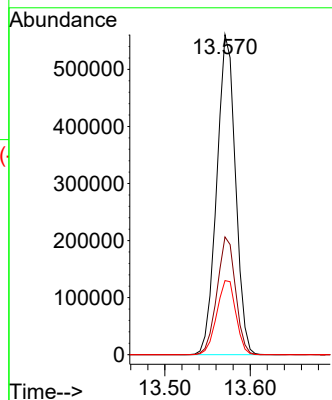
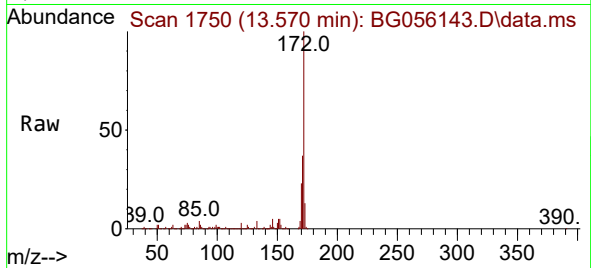




#45
2-Fluorobiphenyl
Concen: 96.762 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

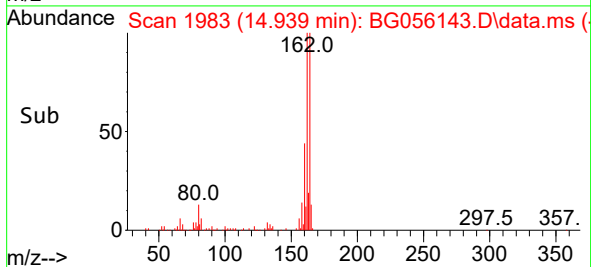
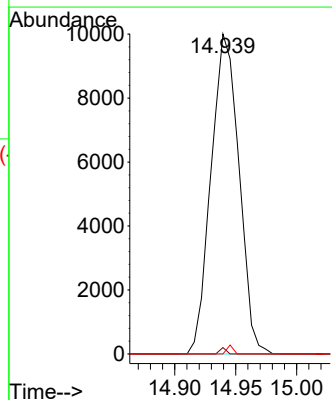
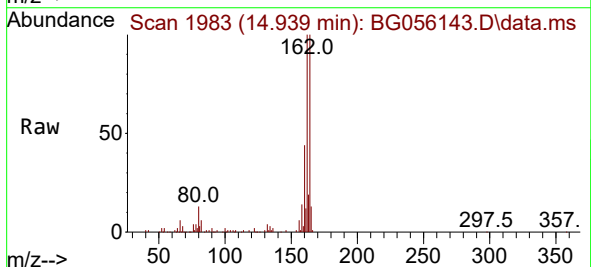
Instrument :
BNA_G
ClientSampleId :
TP-1

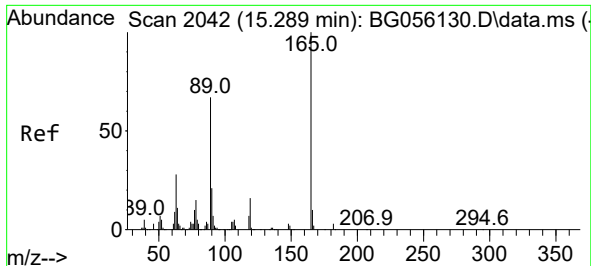
Tgt Ion:172 Resp: 854642
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.1 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.609 ng
RT: 14.939 min Scan# 1983
Delta R.T. 0.432 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion:165 Resp: 15964
Ion Ratio Lower Upper
165 100
63 2.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.441 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.349 min

Lab File: BG056143.D

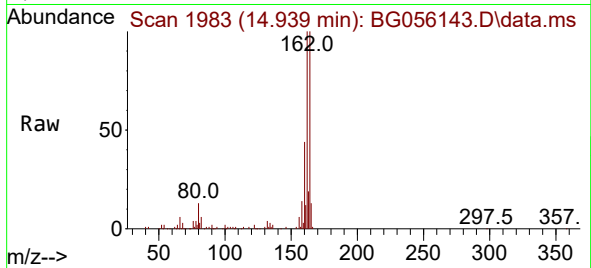
Acq: 28 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

TP-1



Tgt Ion:165 Resp: 15964

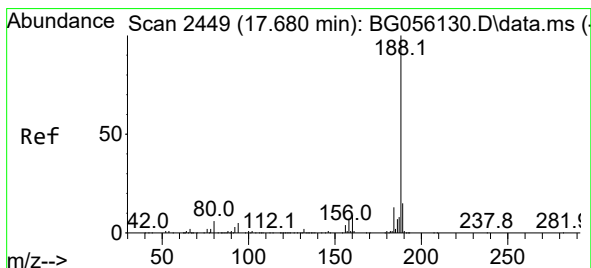
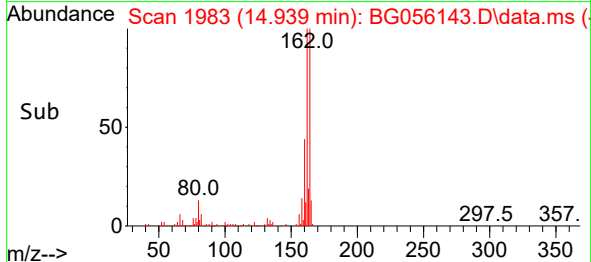
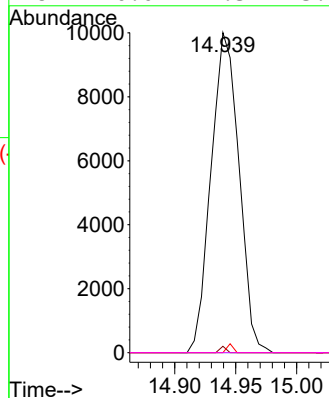
Ion Ratio Lower Upper

165 100

63 2.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG056143.D

Acq: 28 Dec 2022 17:07

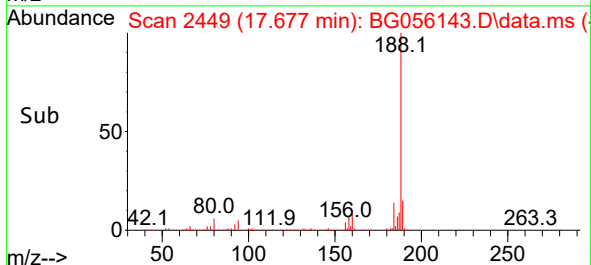
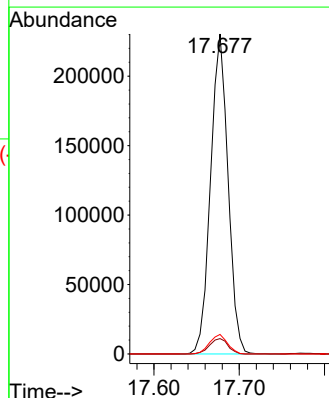
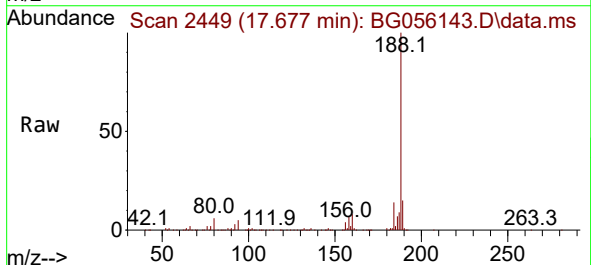
Tgt Ion:188 Resp: 327888

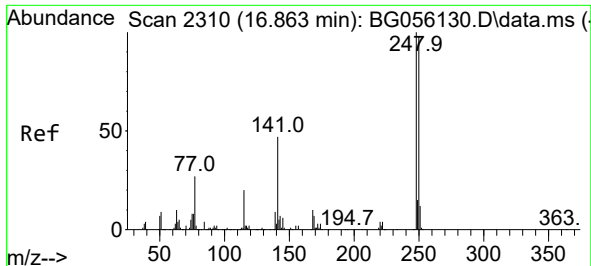
Ion Ratio Lower Upper

188 100

94 4.8 4.2 6.2

80 6.1 5.0 7.4

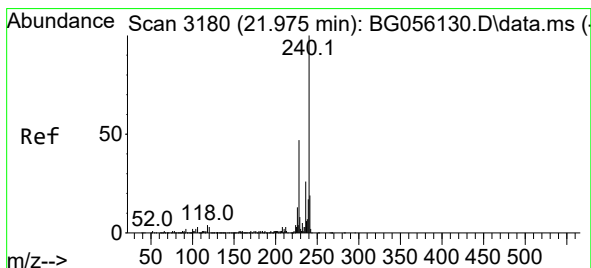
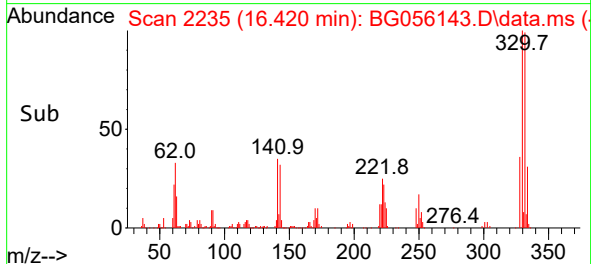
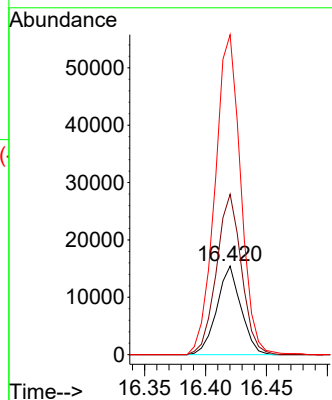
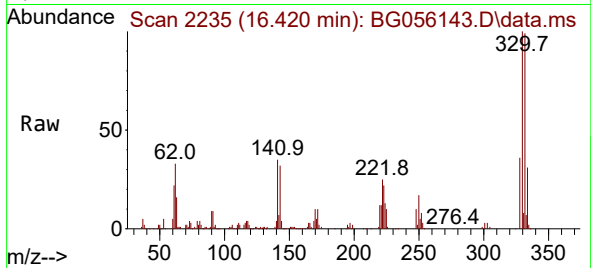




#67
4-Bromophenyl-phenylether
Concen: 5.103 ng
RT: 16.420 min Scan# 21308
Delta R.T. -0.443 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

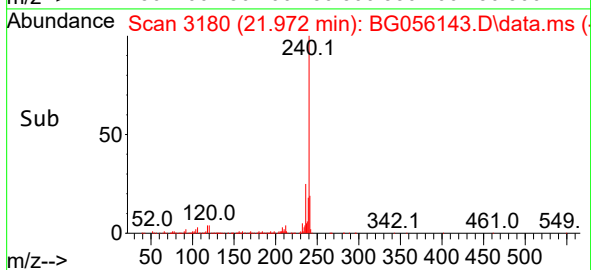
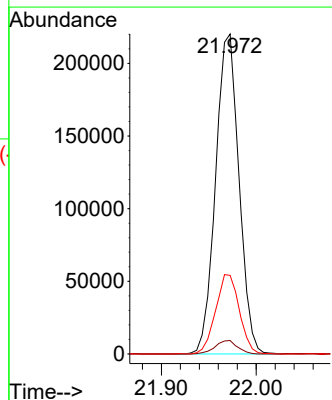
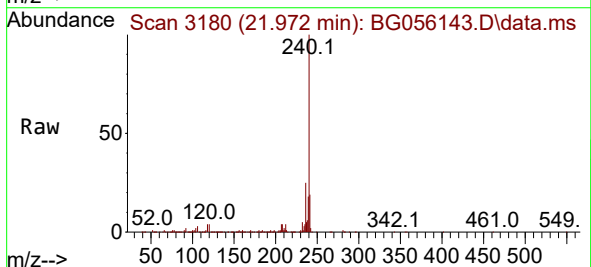
Instrument :
BNA_G
ClientSampleId :
TP-1

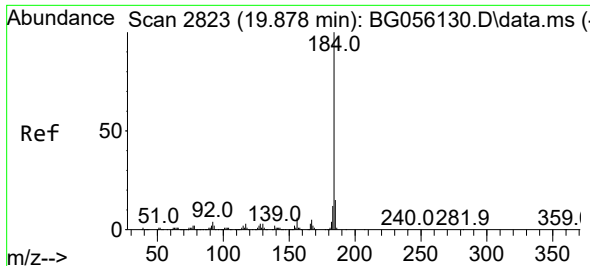
Tgt Ion:248 Resp: 21308
Ion Ratio Lower Upper
248 100
250 181.1 78.2 117.4#
141 361.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

Tgt Ion:240 Resp: 377272
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 24.6 20.8 31.2

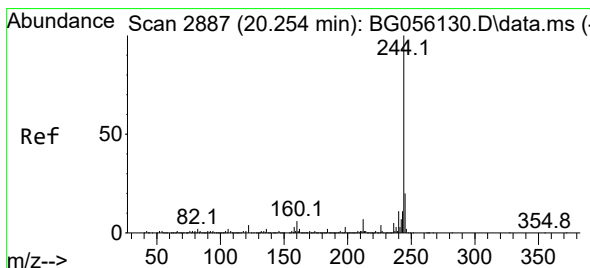
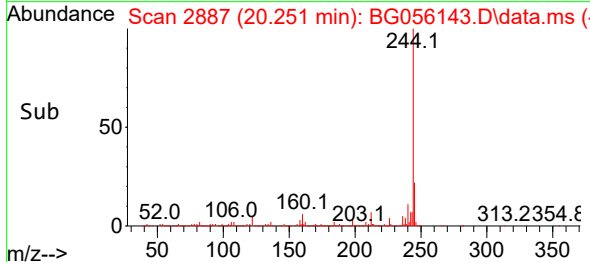
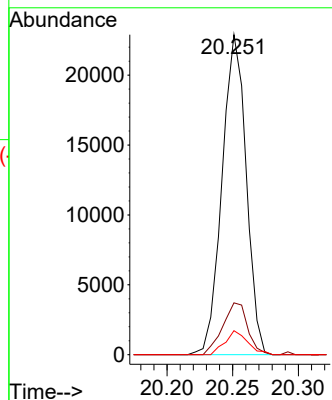
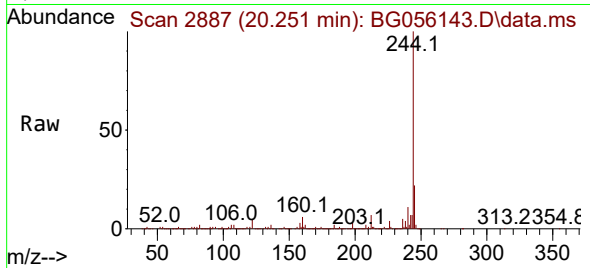




#77
Benzidine
Concen: 2.213 ng
RT: 20.251 min Scan# 2887
Delta R.T. 0.373 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

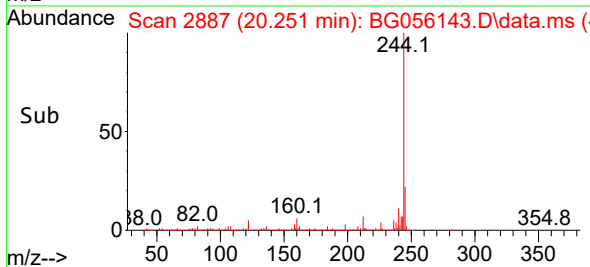
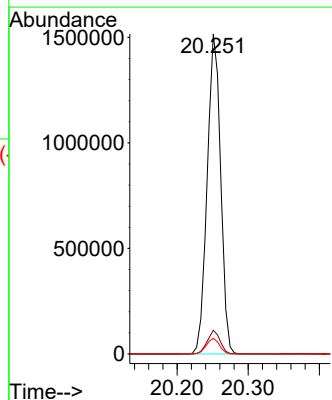
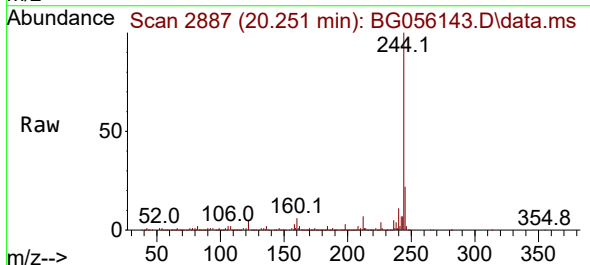
Instrument :
BNA_G
ClientSampleId :
TP-1

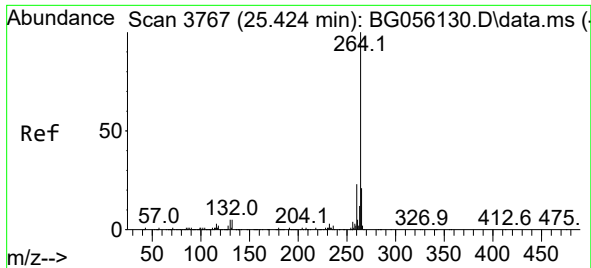
Tgt Ion:184 Resp: 29265
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.832 ng
RT: 20.251 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG056143.D
Acq: 28 Dec 2022 17:07

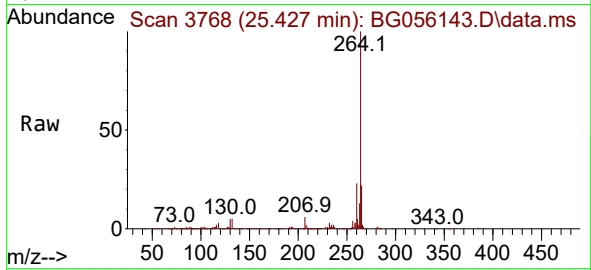
Tgt Ion:244 Resp: 1997563
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 4.9 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG056143.D
 Acq: 28 Dec 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-1



Tgt Ion:264 Resp: 416324
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.0 16.7 25.1

