

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
 Data File : BG056135.D
 Acq On : 27 Dec 2022 21:46
 Operator : CG/JU
 Sample : PB149828BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149828BL

Quant Time: Dec 28 05:47:32 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)

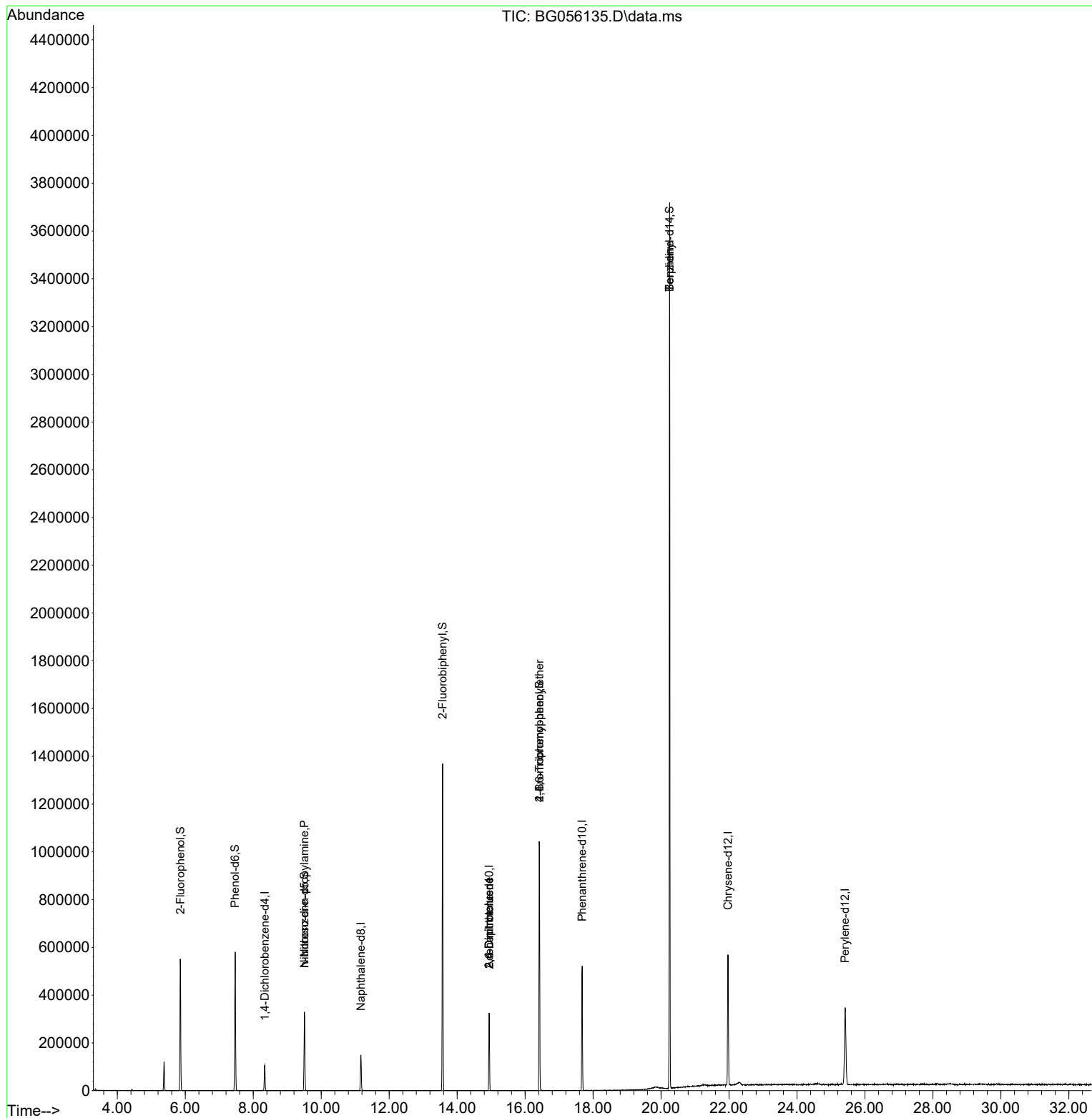
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	35003	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	138197	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	124924	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	368557	20.000	ng	0.00
76) Chrysene-d12	21.969	240	385795	20.000	ng	0.00
86) Perylene-d12	25.418	264	406421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	303696	154.915	ng	0.00
7) Phenol-d6	7.468	99	430054	142.845	ng	0.00
23) Nitrobenzene-d5	9.507	82	231962	85.857	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	219793	138.921	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	774889	85.656	ng	0.00
79) Terphenyl-d14	20.253	244	1961878	91.080	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.507	70	27758	15.162	ng	# 71
51) 2,6-Dinitrotoluene	14.942	165	15967	7.430	ng	# 33
57) 2,4-Dinitrotoluene	14.942	165	15967	5.313	ng	# 29
67) 4-Bromophenyl-phenylether	16.422	248	17679	3.767	ng	# 1
77) Benzidine	20.253	184	27916	2.065	ng	# 89

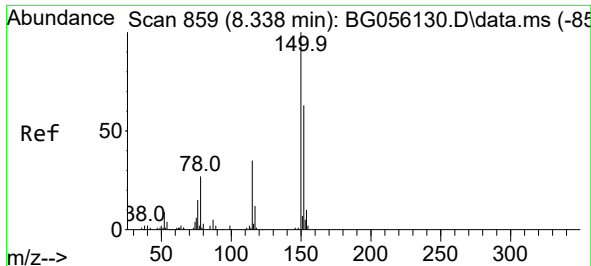
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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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

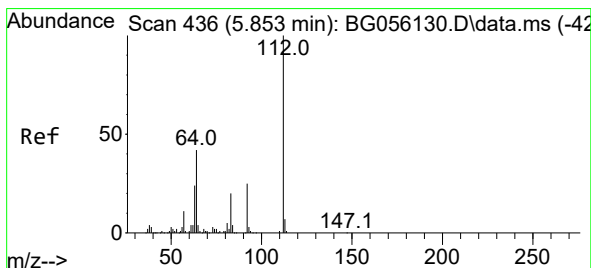
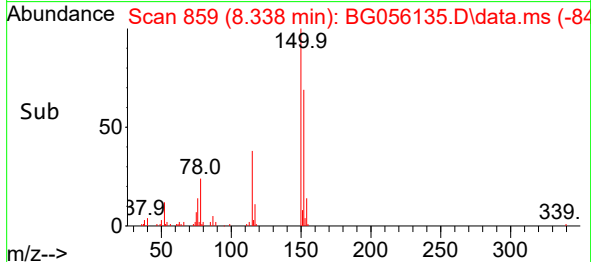
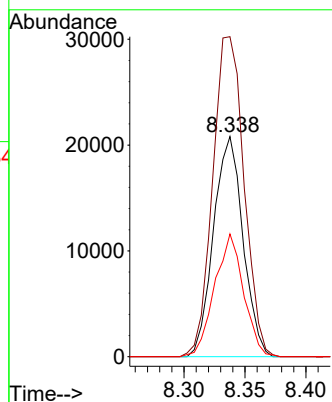
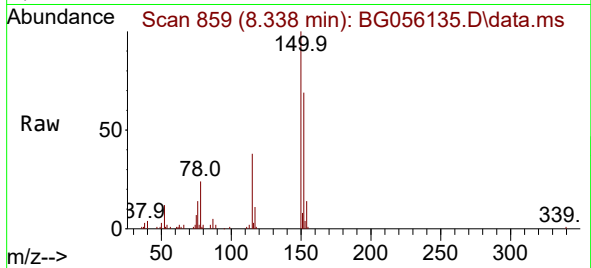




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 859
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

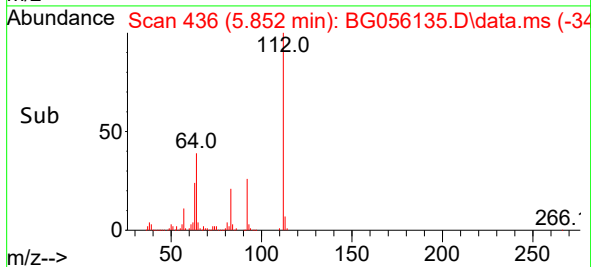
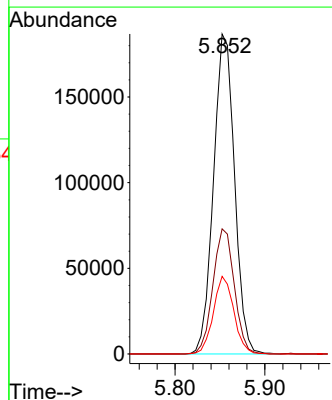
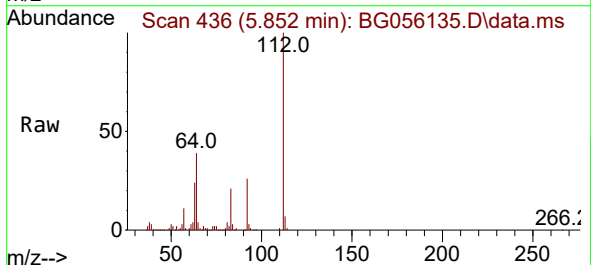
Instrument :
BNA_G
ClientSampleId :
PB149828BL

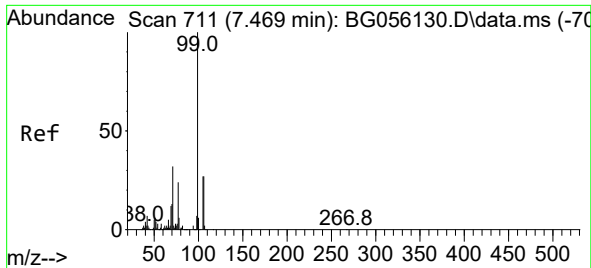
Tgt Ion:152 Resp: 35003
Ion Ratio Lower Upper
152 100
150 145.3 127.9 191.9
115 55.7 44.2 66.2



#5
2-Fluorophenol
Concen: 154.915 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Tgt Ion:112 Resp: 303696
Ion Ratio Lower Upper
112 100
64 39.1 33.3 49.9
63 24.3 19.0 28.4

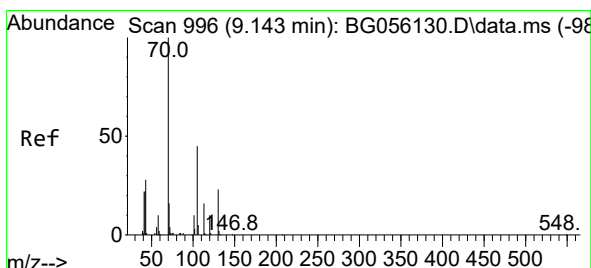
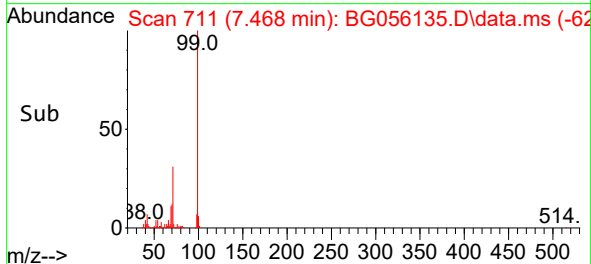
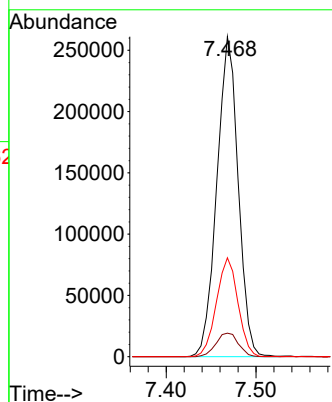
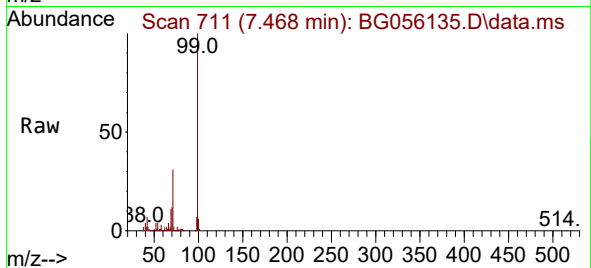




#7
Phenol-d6
Concen: 142.845 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

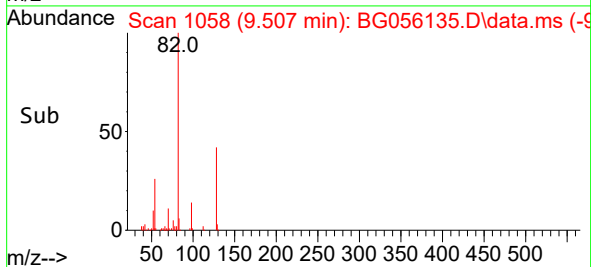
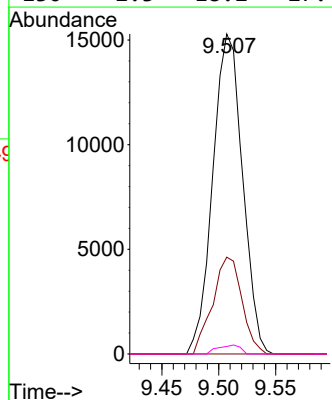
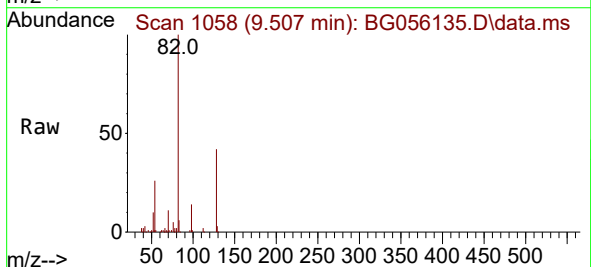
Instrument :
BNA_G
ClientSampleId :
PB149828BL

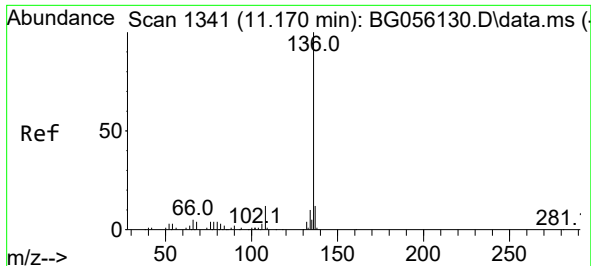
Tgt Ion: 99 Resp: 430054
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 30.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.162 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Tgt Ion: 70 Resp: 27758
Ion Ratio Lower Upper
70 100
42 30.3 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

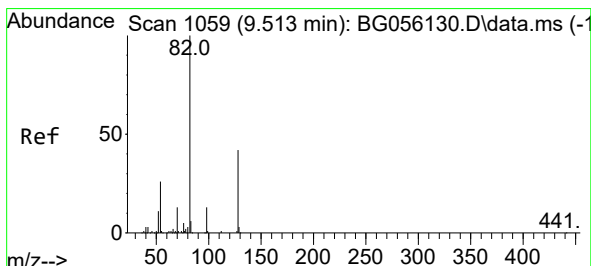
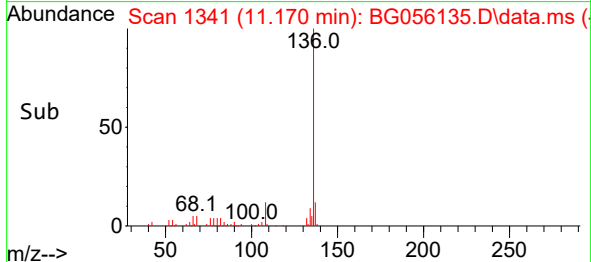
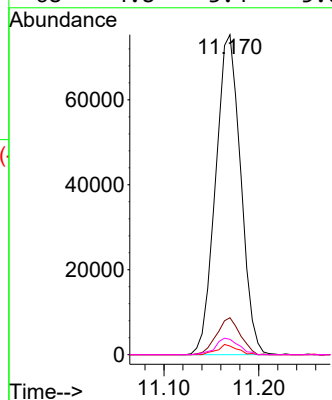
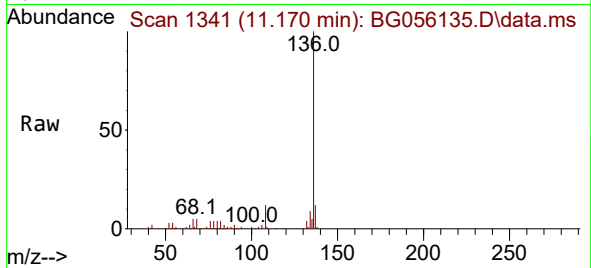




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

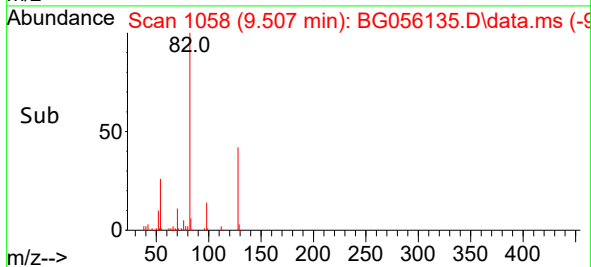
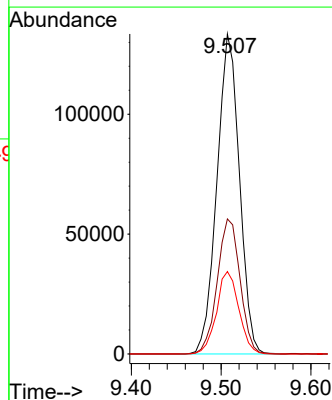
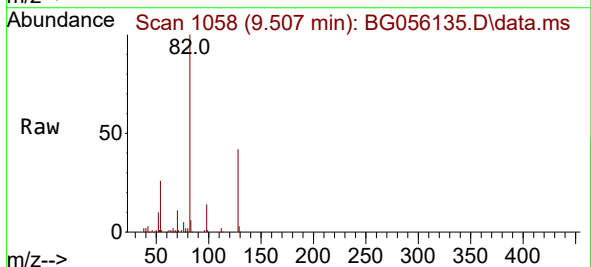
Instrument :
BNA_G
ClientSampleId :
PB149828BL

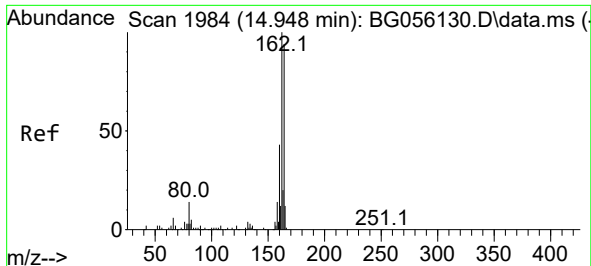
Tgt Ion:	136	Resp:	138197
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	2.7	2.2	3.2
68	4.8	3.4	5.0



#23
Nitrobenzene-d5
Concen: 85.857 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Tgt Ion:	82	Resp:	231962
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.2
54	25.8	20.3	30.5

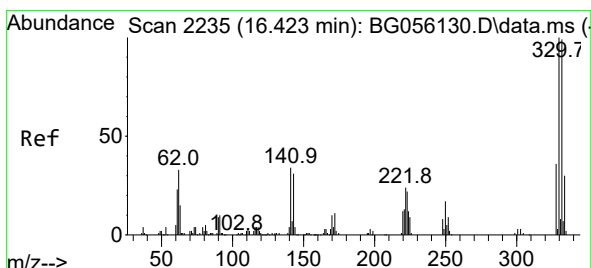
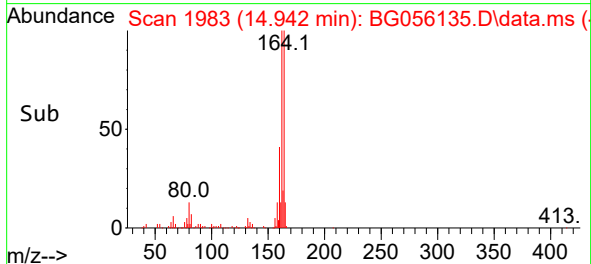
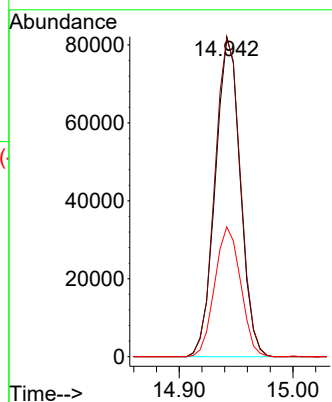
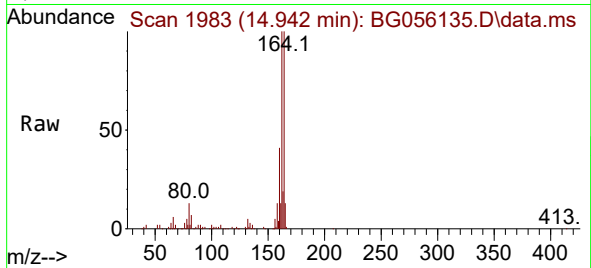




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.942 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: BG056135.D
 Acq: 27 Dec 2022 21:46

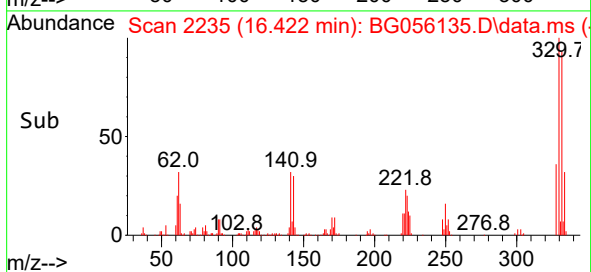
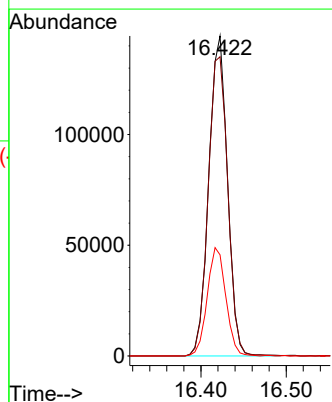
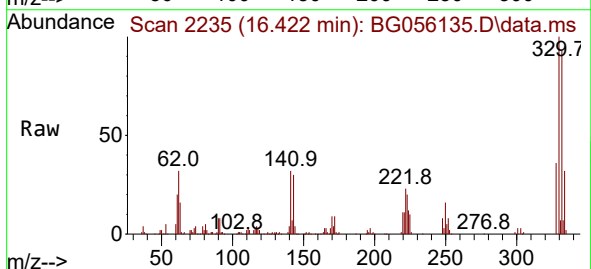
Instrument :
 BNA_G
 ClientSampleId :
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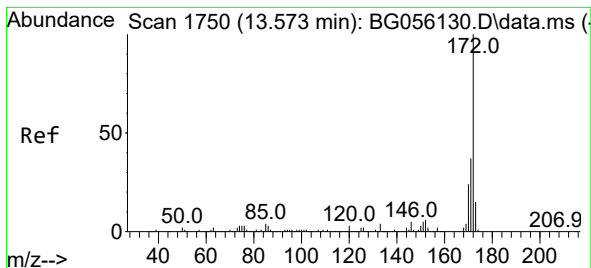
Tgt Ion:164 Resp: 124924
 Ion Ratio Lower Upper
 164 100
 162 99.7 84.7 127.1
 160 40.5 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 138.921 ng
 RT: 16.422 min Scan# 2235
 Delta R.T. -0.000 min
 Lab File: BG056135.D
 Acq: 27 Dec 2022 21:46

Tgt Ion:330 Resp: 219793
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 33.7 27.9 41.9

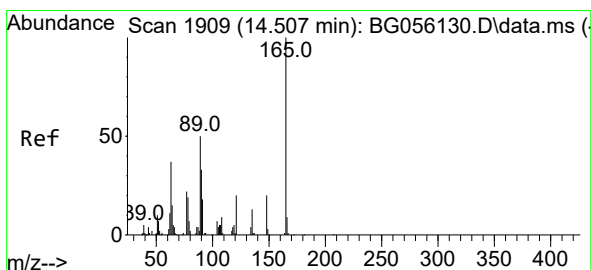
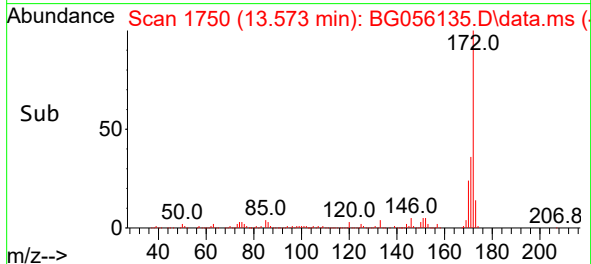
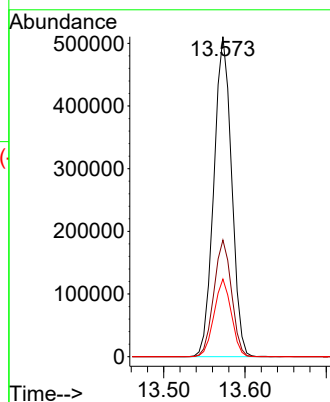
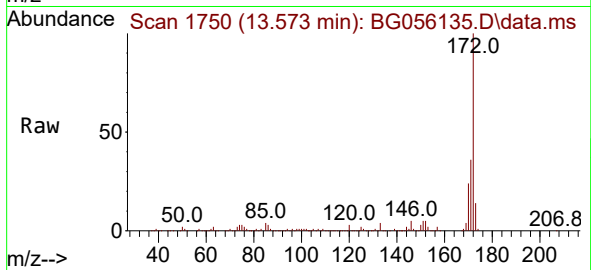




#45
2-Fluorobiphenyl
Concen: 85.656 ng
RT: 13.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

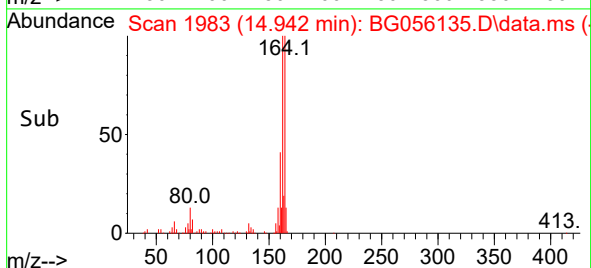
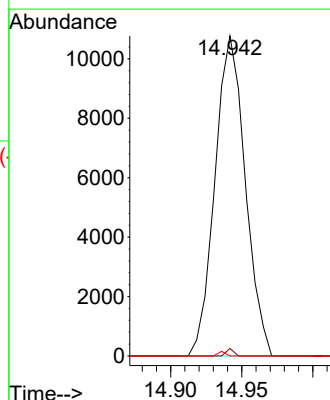
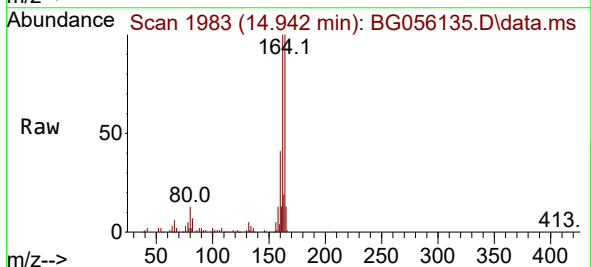
Instrument :
BNA_G
ClientSampleId :
PB149828BL

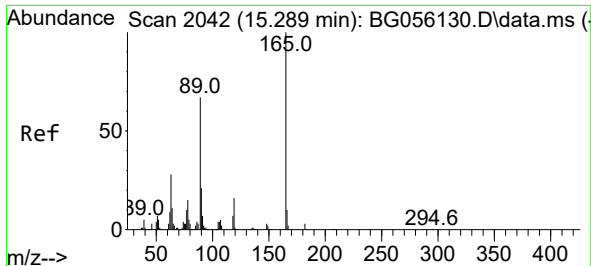
Tgt Ion:172 Resp: 774889
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.430 ng
RT: 14.942 min Scan# 1983
Delta R.T. 0.434 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Tgt Ion:165 Resp: 15967
Ion Ratio Lower Upper
165 100
63 2.4 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.313 ng

RT: 14.942 min Scan# 1983

Delta R.T. -0.347 min

Lab File: BG056135.D

Acq: 27 Dec 2022 21:46

Instrument :

BNA_G

ClientSampleId :

PB149828BL

Tgt Ion:165 Resp: 15967

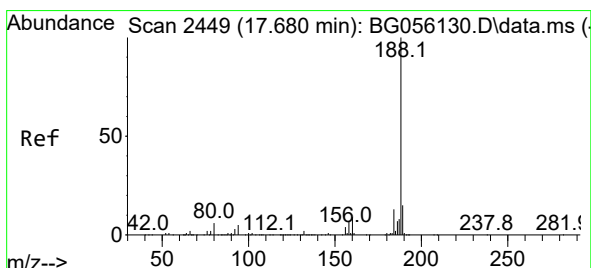
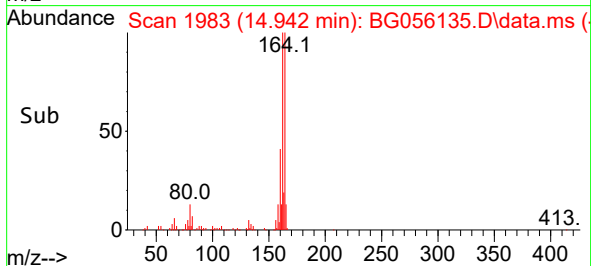
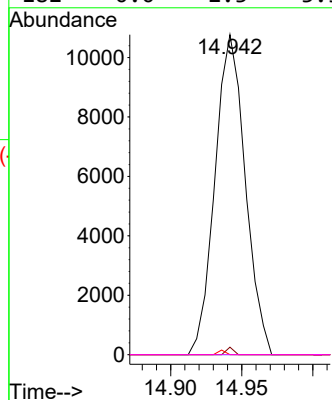
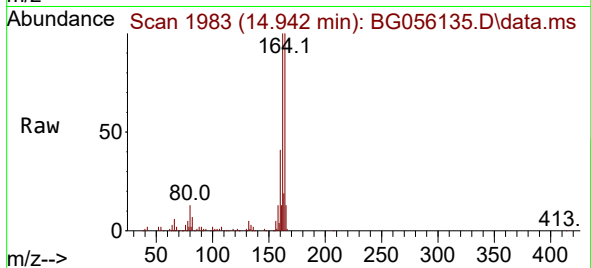
Ion Ratio Lower Upper

165 100

63 2.4 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: 17.680 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BG056135.D

Acq: 27 Dec 2022 21:46

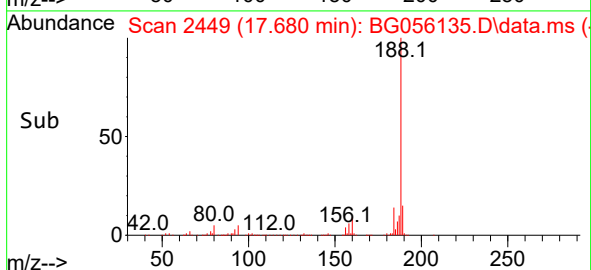
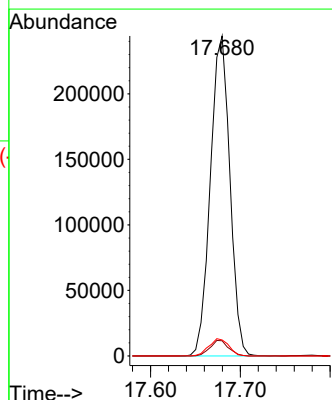
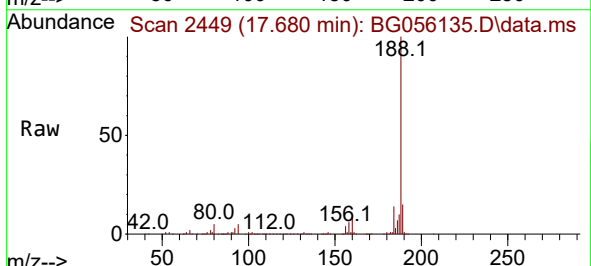
Tgt Ion:188 Resp: 368557

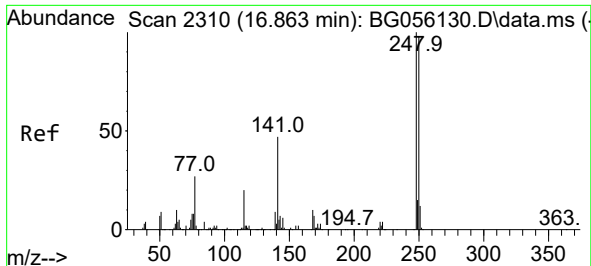
Ion Ratio Lower Upper

188 100

94 4.8 4.2 6.2

80 5.0 5.0 7.4

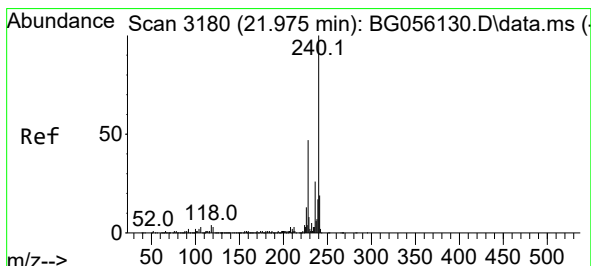
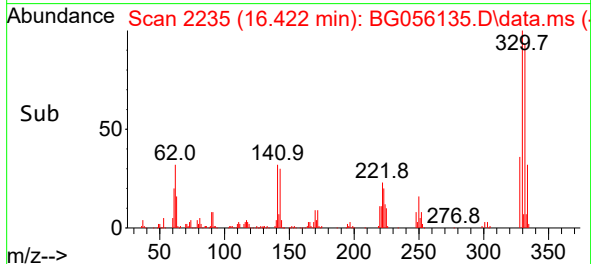
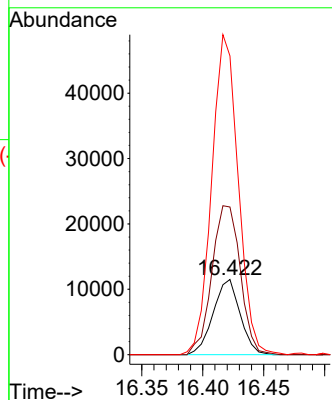
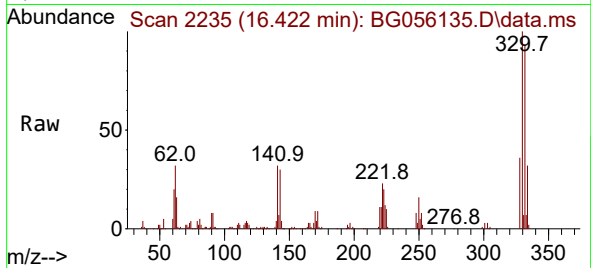




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

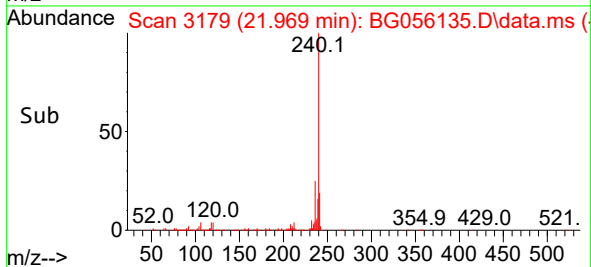
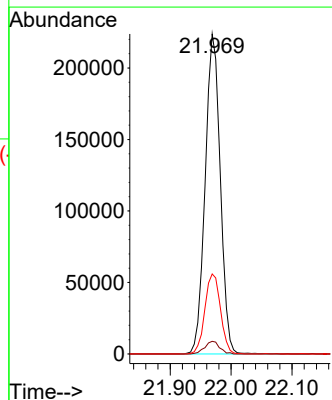
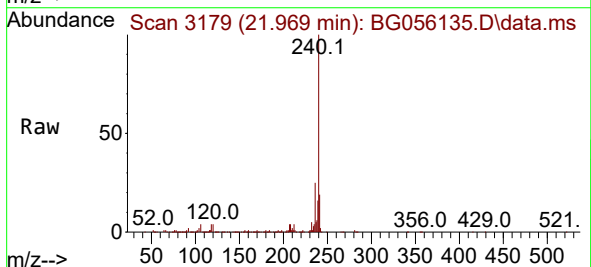
Instrument :
BNA_G
ClientSampleId :
PB149828BL

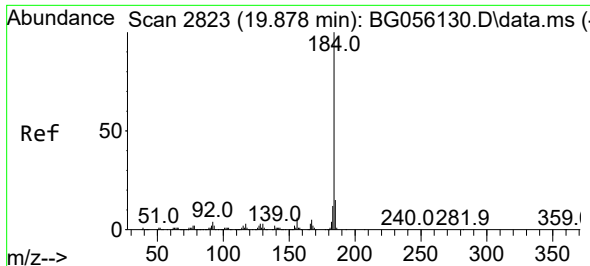
Tgt Ion:248 Resp: 17679
Ion Ratio Lower Upper
248 100
250 196.5 78.2 117.4#
141 397.4 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.969 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Tgt Ion:240 Resp: 385795
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.0 20.8 31.2

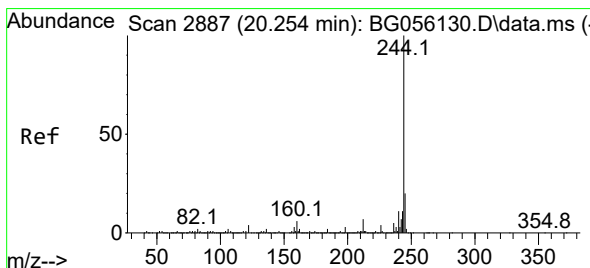
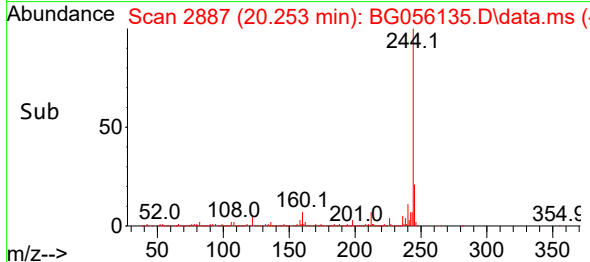
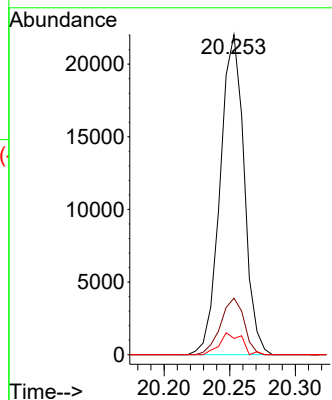
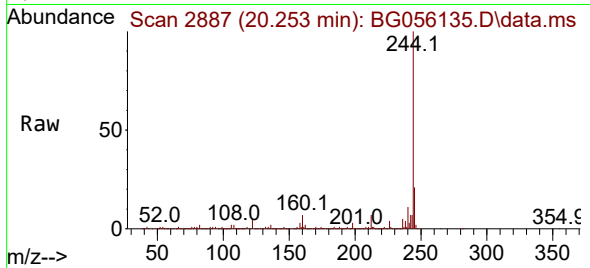




#77
Benzidine
Concen: 2.065 ng
RT: 20.253 min Scan# 2887
Delta R.T. 0.376 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

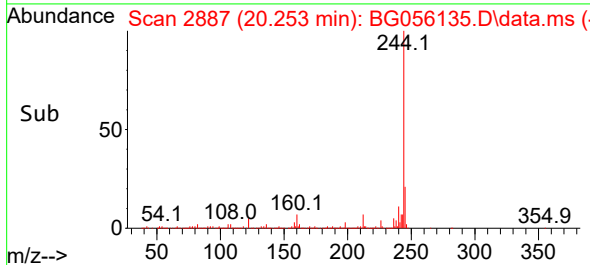
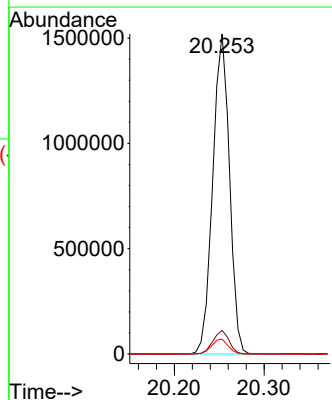
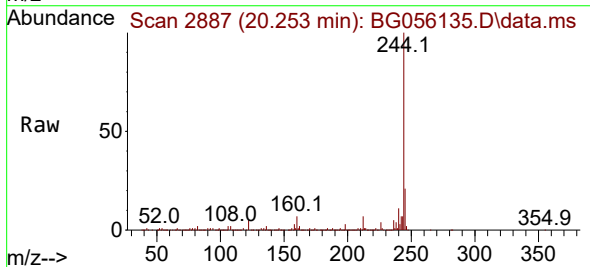
Instrument :
BNA_G
ClientSampleId :
PB149828BL

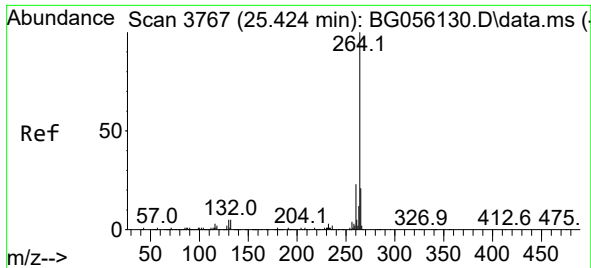
Tgt Ion:184 Resp: 27916
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 5.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.080 ng
RT: 20.253 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

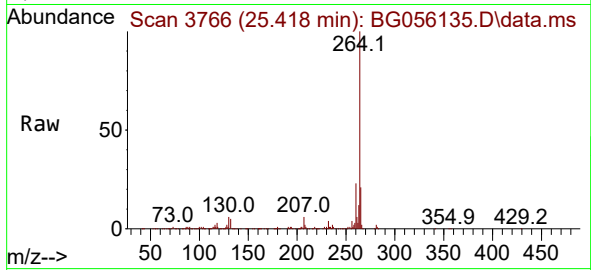
Tgt Ion:244 Resp: 1961878
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 4.6 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.418 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056135.D
Acq: 27 Dec 2022 21:46

Instrument :
BNA_G
ClientSampleId :
PB149828BL



Tgt Ion:264 Resp: 406421
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.4 16.7 25.1

