

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056643.D
 Acq On : 15 Feb 2023 22:00
 Operator : CG/JU
 Sample : PB150875BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150875BL

Quant Time: Feb 16 01:55:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

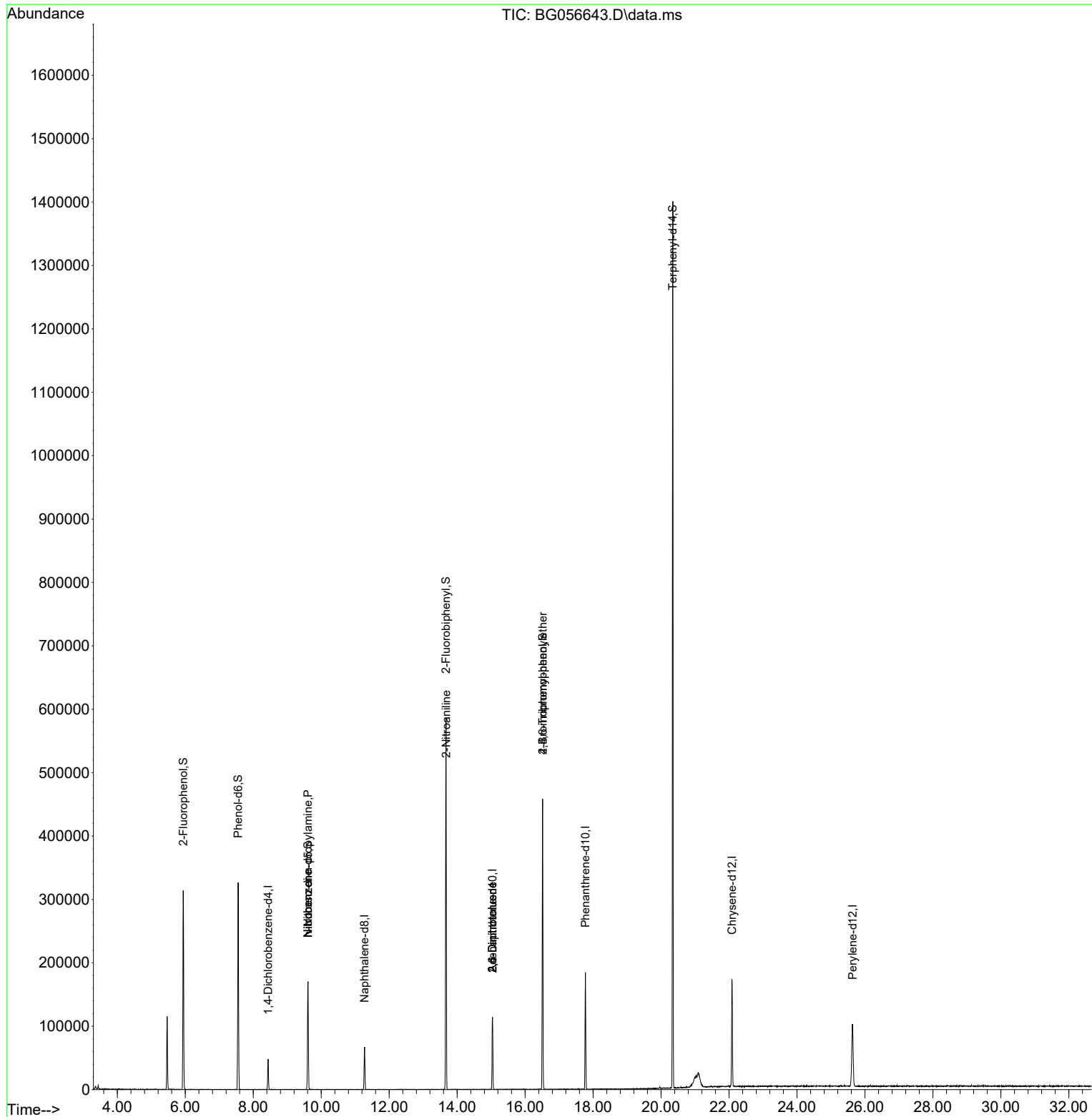
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.437	152	13352	20.000	ng	0.00
21) Naphthalene-d8	11.275	136	53924	20.000	ng	# 0.00
39) Acenaphthene-d10	15.041	164	42119	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	116439	20.000	ng	# 0.00
76) Chrysene-d12	22.085	240	115293	20.000	ng	-0.02
86) Perylene-d12	25.634	264	127593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.940	112	128652	156.775	ng	0.00
7) Phenol-d6	7.555	99	178922	147.604	ng	0.00
23) Nitrobenzene-d5	9.612	82	103182	97.972	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	89249	154.769	ng	0.00
45) 2-Fluorobiphenyl	13.672	172	293980	93.463	ng	0.00
79) Terphenyl-d14	20.346	244	713734	101.286	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.612	70	15325	16.888	ng	# 79
24) Nitrobenzene	9.612	77	352	2.959	ng	# 43
48) 2-Nitroaniline	13.678	65	485	5.834	ng	# 1
51) 2,6-Dinitrotoluene	15.041	165	5193	9.863	ng	# 21
57) 2,4-Dinitrotoluene	15.041	165	5193	6.115	ng	# 24
67) 4-Bromophenyl-phenylether	16.515	248	6285	4.204	ng	# 1

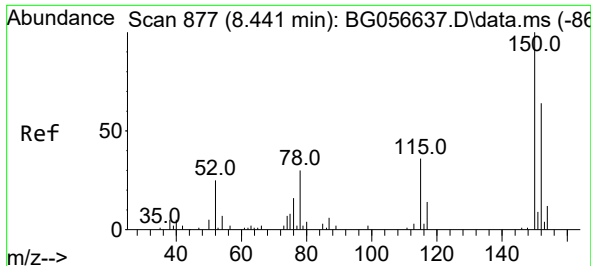
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056643.D
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Sample : PB150875BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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PB150875BL

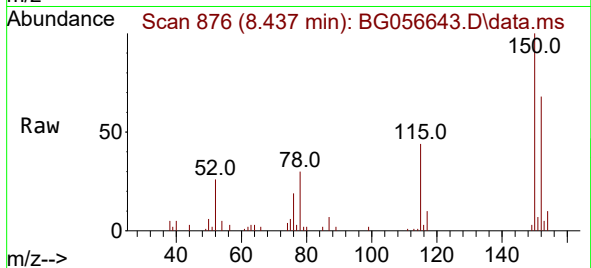
Quant Time: Feb 16 01:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration



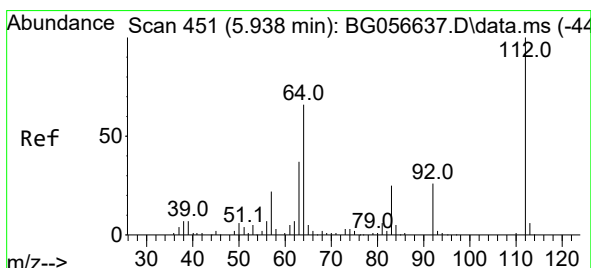
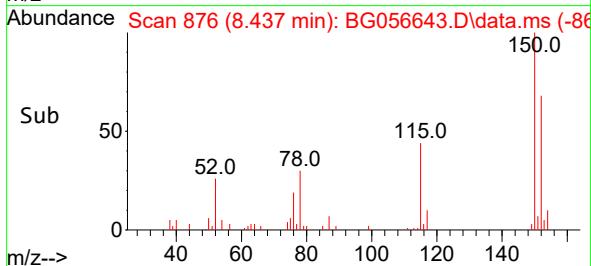
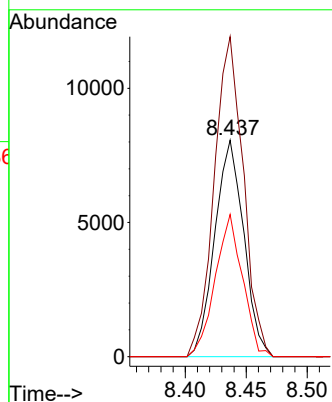


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.437 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Instrument :
BNA_G
ClientSampleId :
PB150875BL

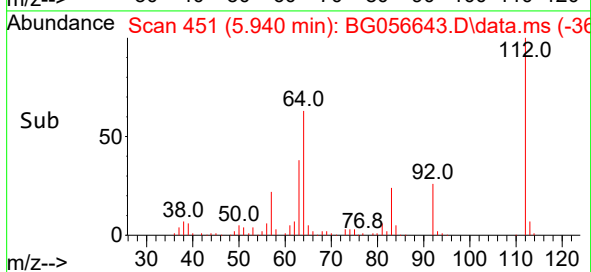
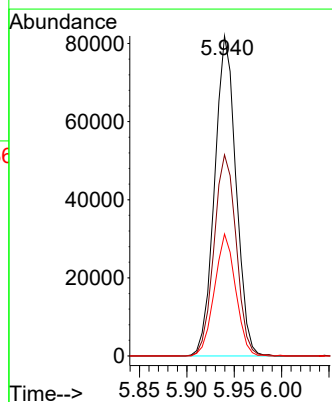
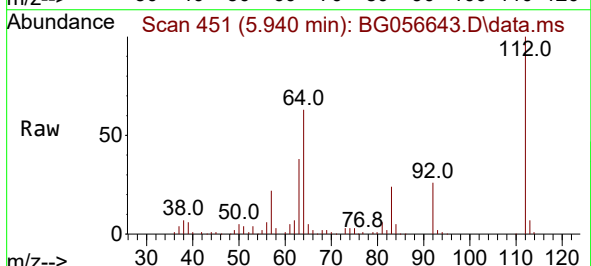


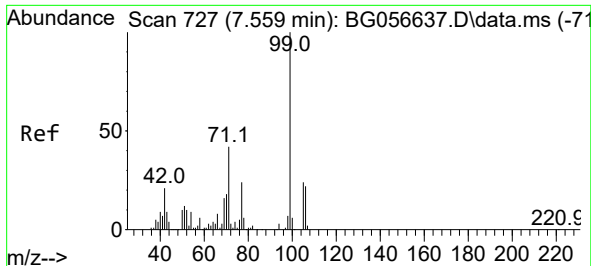
Tgt Ion:152 Resp: 13352
Ion Ratio Lower Upper
152 100
150 147.8 124.8 187.2
115 65.7 44.7 67.1



#5
2-Fluorophenol
Concen: 156.775 ng
RT: 5.940 min Scan# 451
Delta R.T. 0.002 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Tgt Ion:112 Resp: 128652
Ion Ratio Lower Upper
112 100
64 62.9 52.6 78.8
63 38.1 29.8 44.6

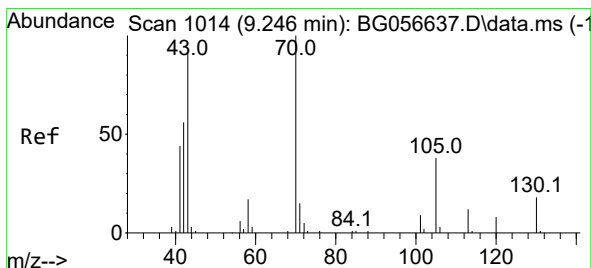
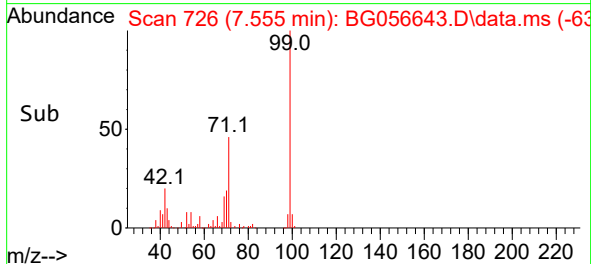
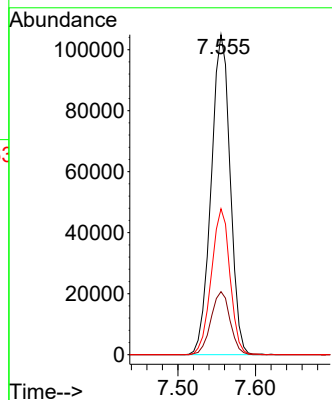
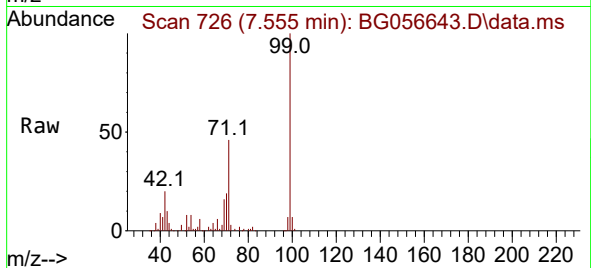




#7
Phenol-d6
Concen: 147.604 ng
RT: 7.555 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

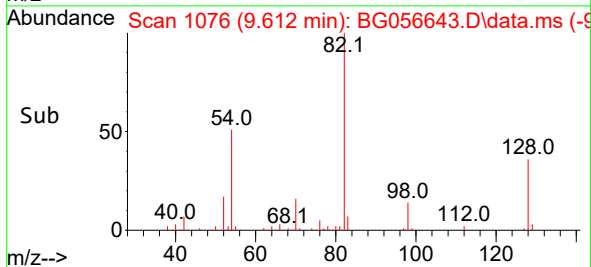
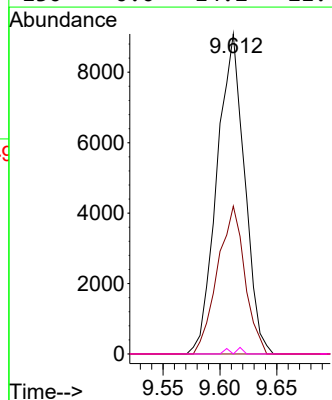
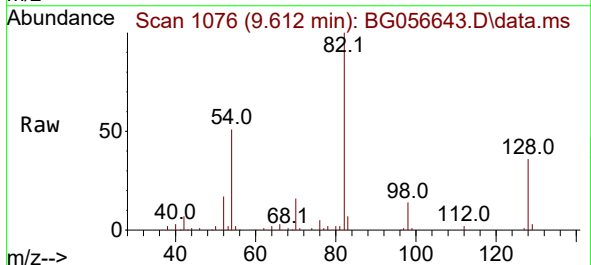
Instrument :
BNA_G
ClientSampleId :
PB150875BL

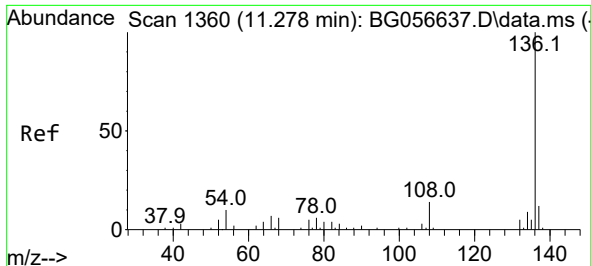
Tgt Ion: 99 Resp: 178922
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 45.6 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.888 ng
RT: 9.612 min Scan# 1076
Delta R.T. 0.366 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Tgt Ion: 70 Resp: 15325
Ion Ratio Lower Upper
70 100
42 46.2 45.7 68.5
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

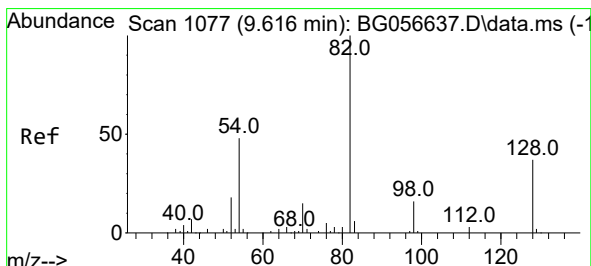
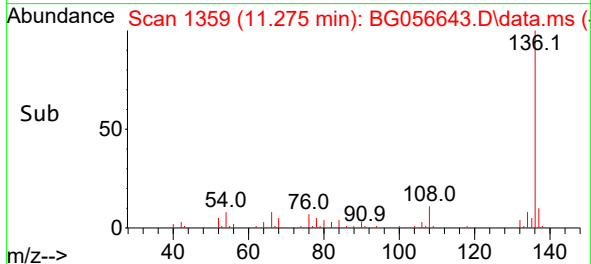
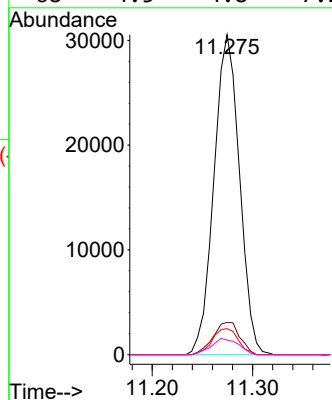
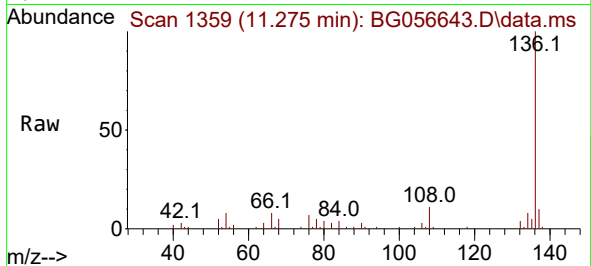




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

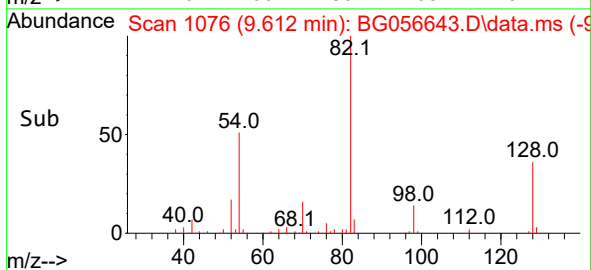
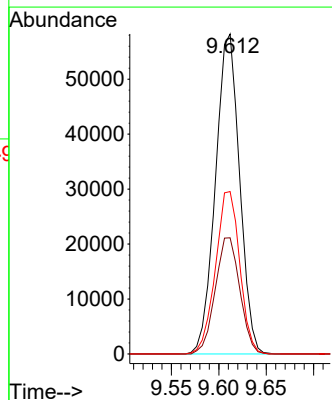
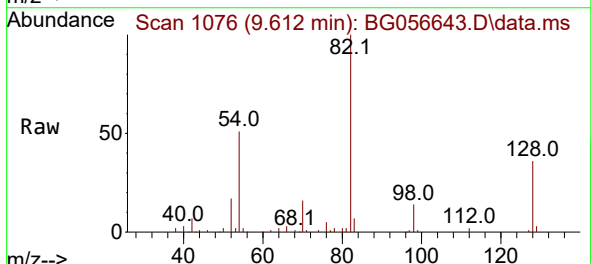
Instrument :
BNA_G
ClientSampleId :
PB150875BL

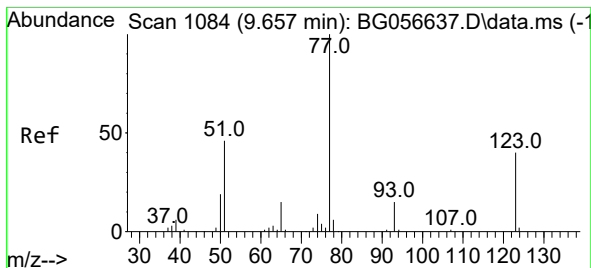
Tgt Ion:	136	Resp:	53924
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.7	14.5
54	8.1	7.7	11.5
68	4.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 97.972 ng
RT: 9.612 min Scan# 1076
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Tgt Ion:	82	Resp:	103182
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.4	44.2
54	50.7	37.8	56.6





#24

Nitrobenzene

Concen: 2.959 ng

RT: 9.612 min Scan# 10

Delta R.T. -0.045 min

Lab File: BG056643.D

Acq: 15 Feb 2023 22:00

Instrument :

BNA_G

ClientSampleId :

PB150875BL

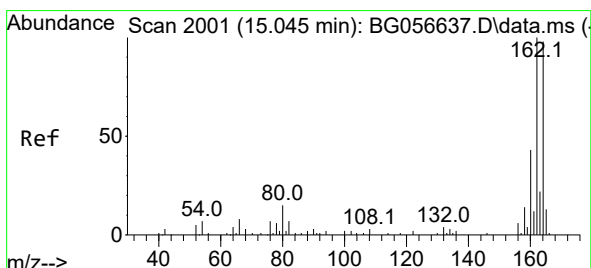
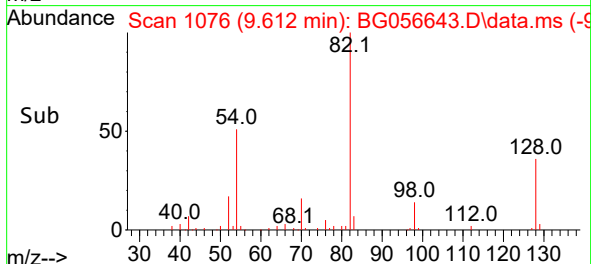
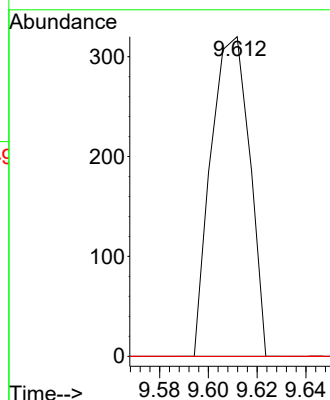
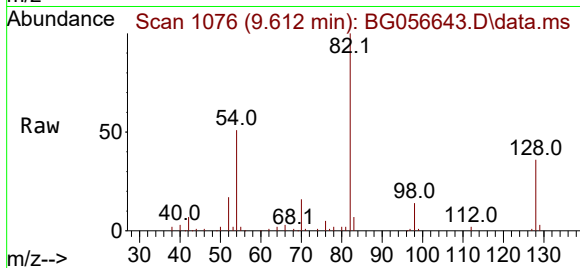
Tgt Ion: 77 Resp: 352

Ion Ratio Lower Upper

77 100

123 0.0 31.8 47.8#

65 0.0 12.0 18.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.041 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG056643.D

Acq: 15 Feb 2023 22:00

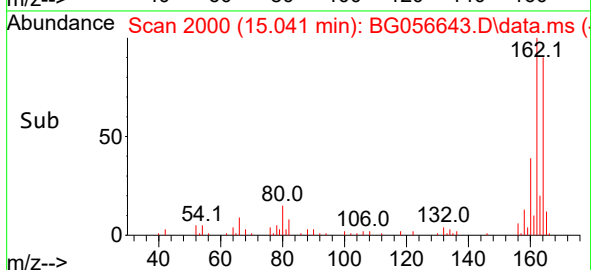
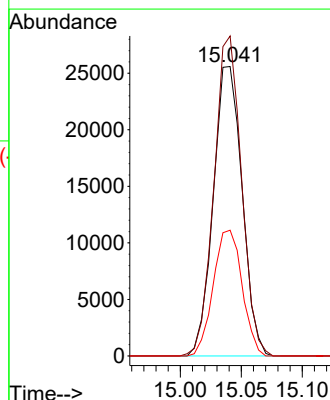
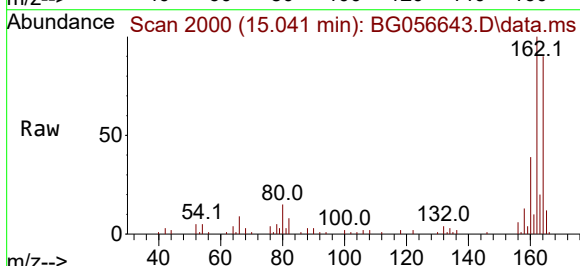
Tgt Ion:164 Resp: 42119

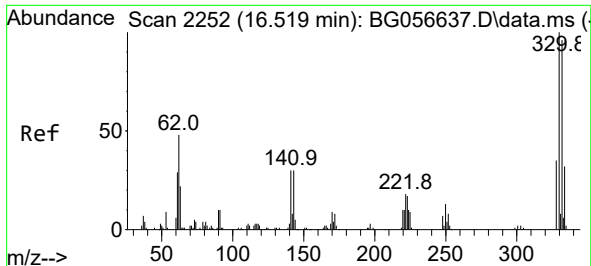
Ion Ratio Lower Upper

164 100

162 110.6 81.3 121.9

160 43.5 35.2 52.8

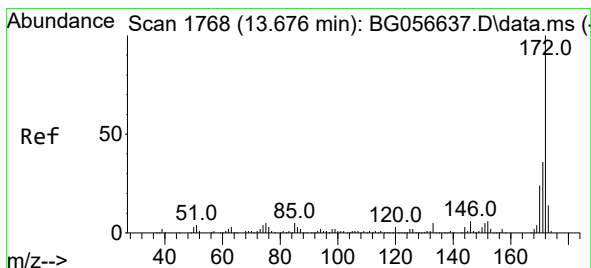
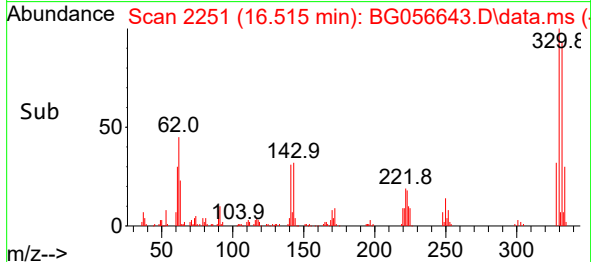
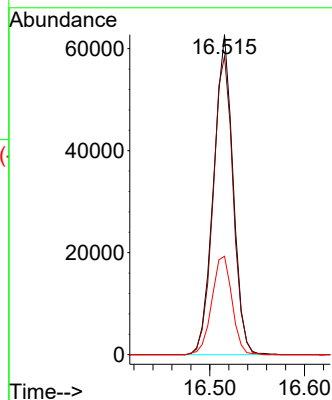
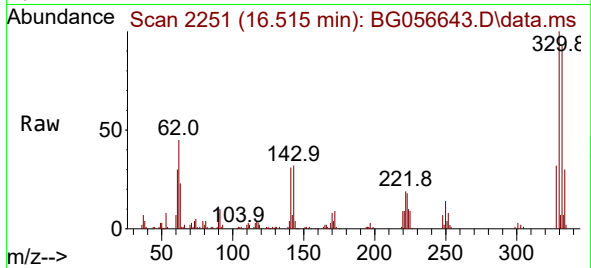




#42
2,4,6-Tribromophenol
Concen: 154.769 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

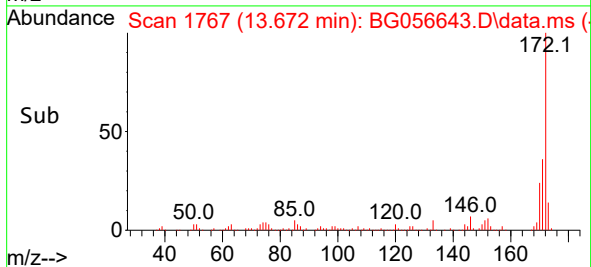
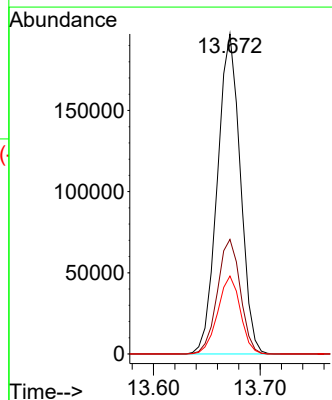
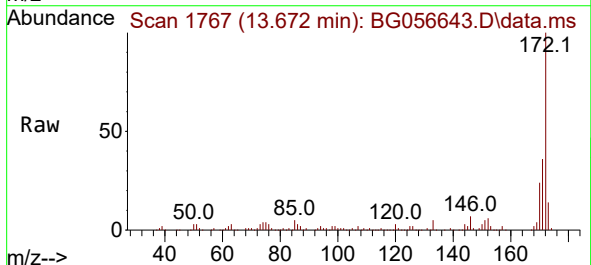
Instrument :
BNA_G
ClientSampleId :
PB150875BL

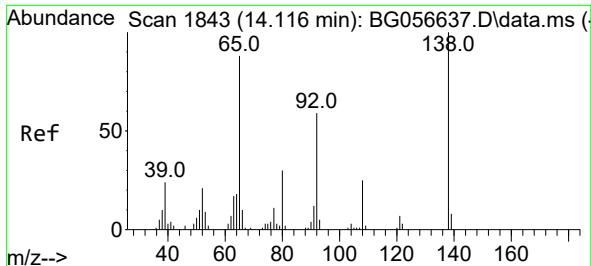
Tgt Ion:330 Resp: 89249
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 31.9 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 93.463 ng
RT: 13.672 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Tgt Ion:172 Resp: 293980
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.3 19.4 29.0

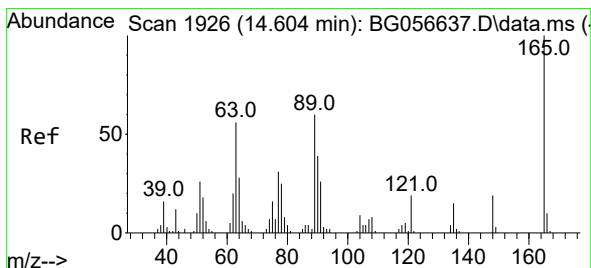
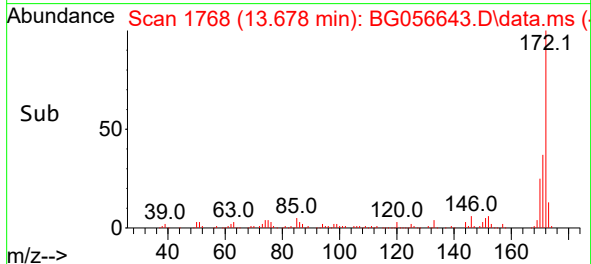
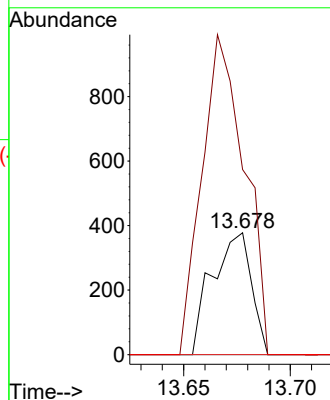
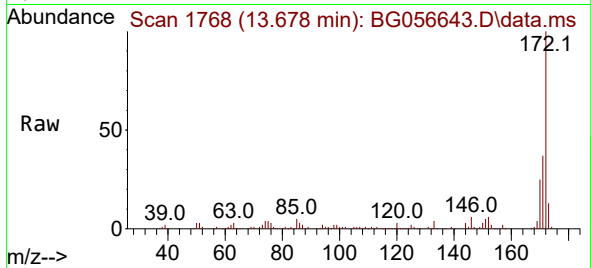




#48
2-Nitroaniline
Concen: 5.834 ng
RT: 13.678 min Scan# 11
Delta R.T. -0.438 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

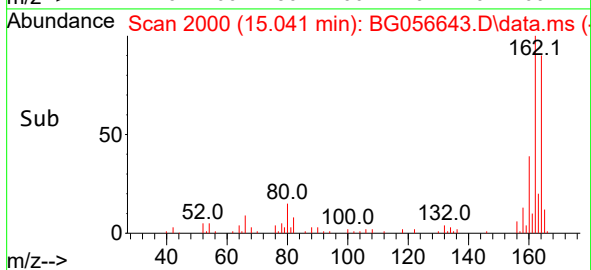
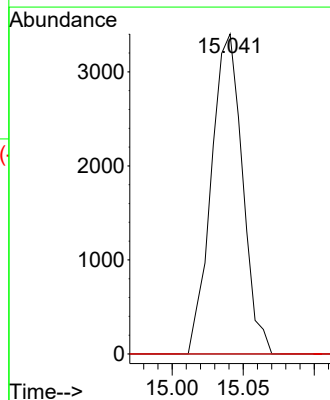
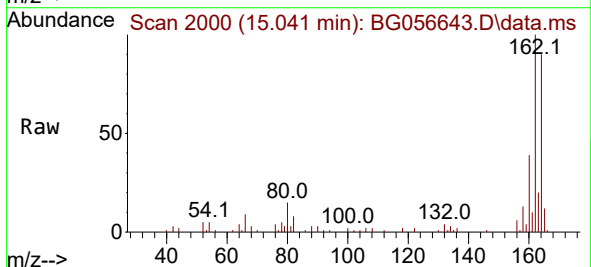
Instrument :
BNA_G
ClientSampleId :
PB150875BL

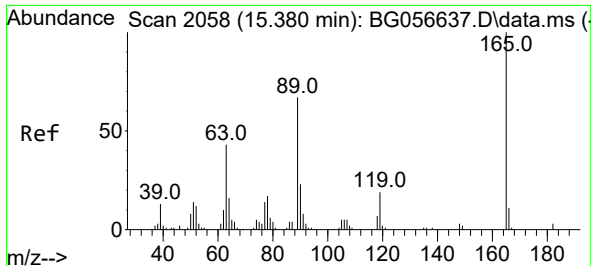
Tgt Ion: 65 Resp: 485
Ion Ratio Lower Upper
65 100
92 151.9 53.8 80.6#
138 0.0 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 9.863 ng
RT: 15.041 min Scan# 2000
Delta R.T. 0.437 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

Tgt Ion:165 Resp: 5193
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 6.115 ng

RT: 15.041 min Scan# 2058

Delta R.T. -0.339 min

Lab File: BG056643.D

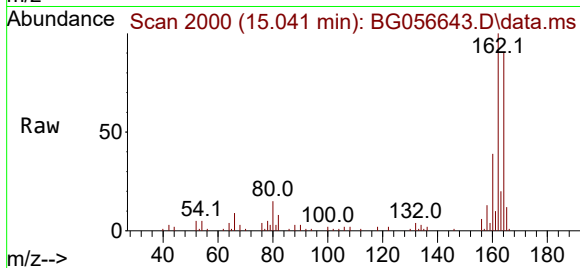
Acq: 15 Feb 2023 22:00

Instrument :

BNA_G

ClientSampleId :

PB150875BL



Tgt Ion:165 Resp: 5193

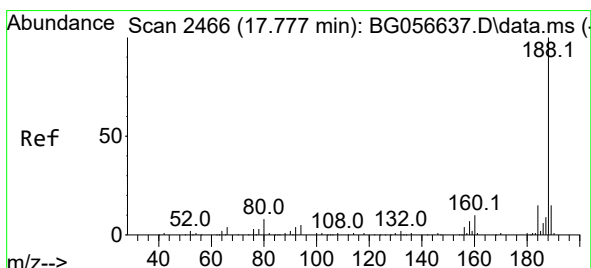
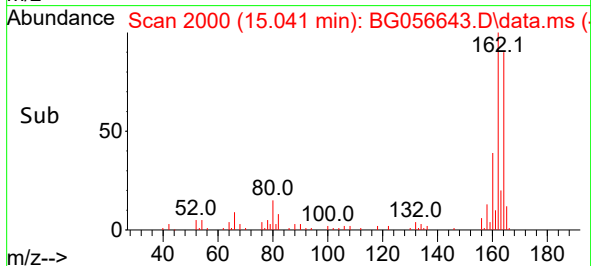
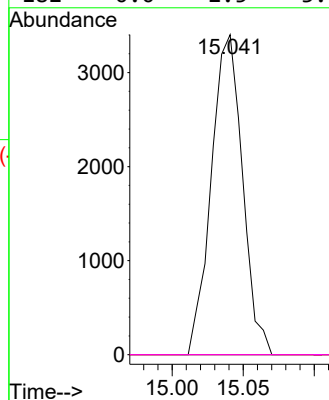
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.773 min Scan# 2465

Delta R.T. -0.004 min

Lab File: BG056643.D

Acq: 15 Feb 2023 22:00

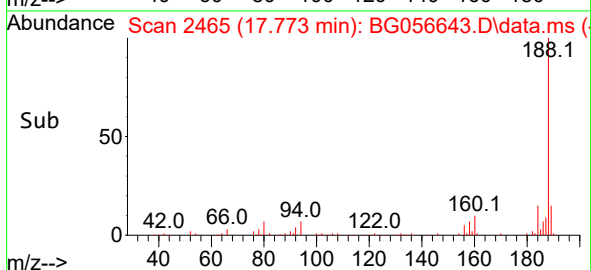
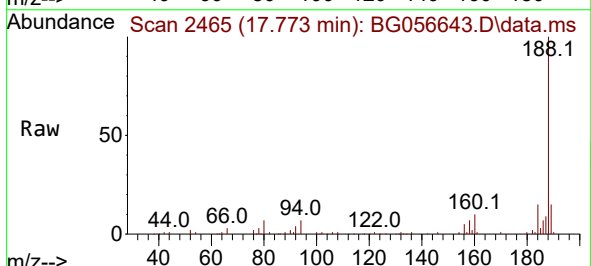
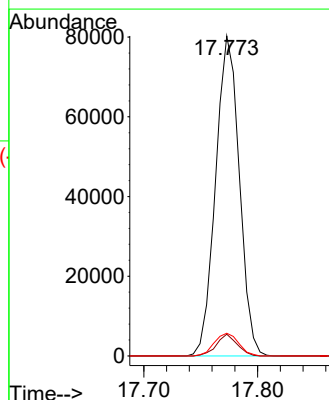
Tgt Ion:188 Resp: 116439

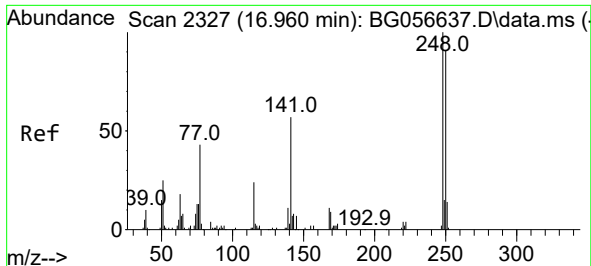
Ion Ratio Lower Upper

188 100

94 6.8 4.0 6.0#

80 7.1 6.3 9.5

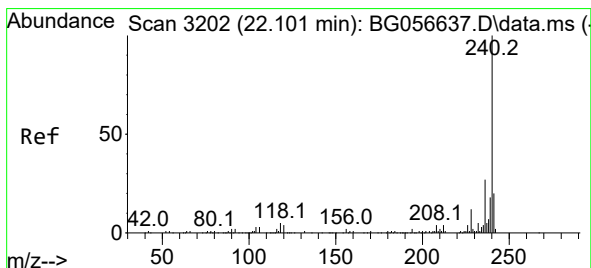
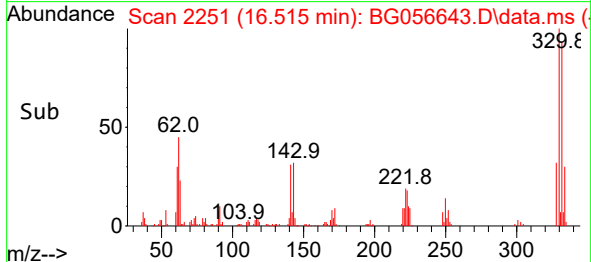
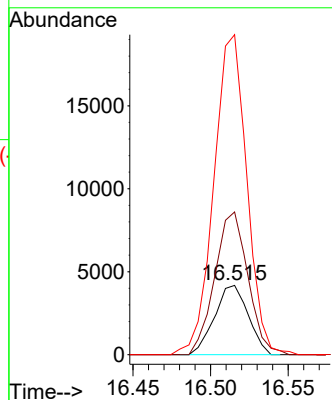
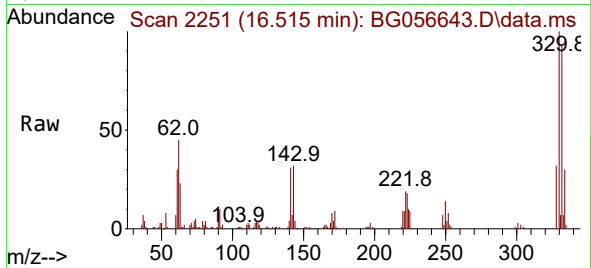




#67
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

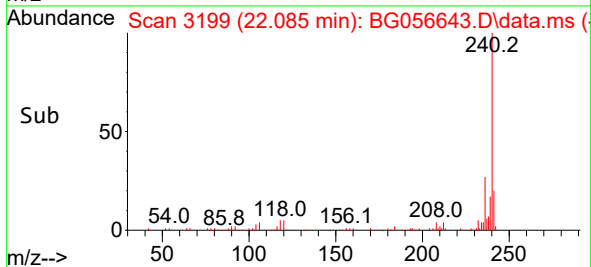
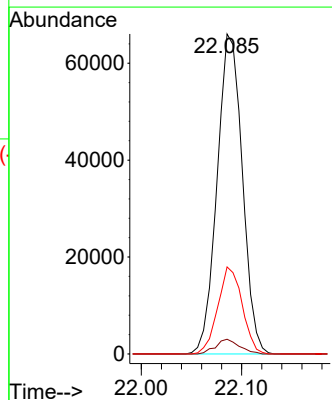
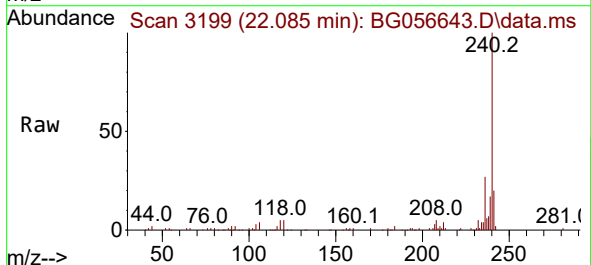
Instrument :
BNA_G
ClientSampleId :
PB150875BL

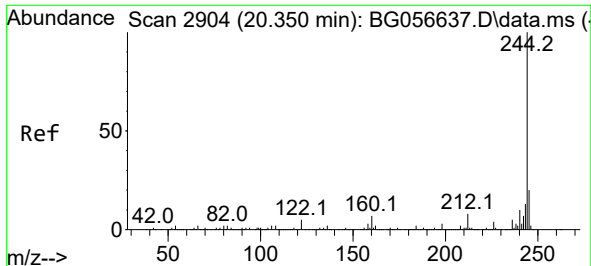
Tgt Ion:248 Resp: 6285
Ion Ratio Lower Upper
248 100
250 205.9 73.0 109.6#
141 461.8 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.085 min Scan# 3199
Delta R.T. -0.016 min
Lab File: BG056643.D
Acq: 15 Feb 2023 22:00

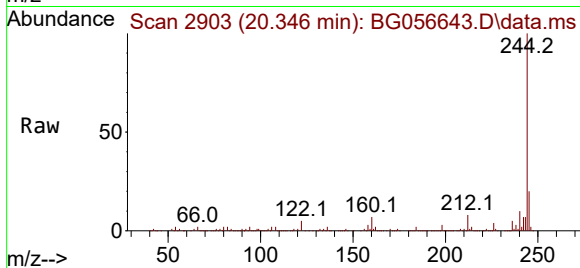
Tgt Ion:240 Resp: 115293
Ion Ratio Lower Upper
240 100
120 4.6 3.5 5.3
236 27.2 21.5 32.3





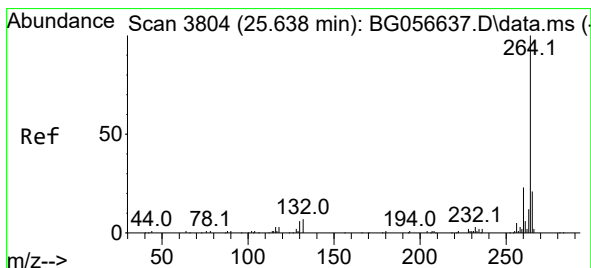
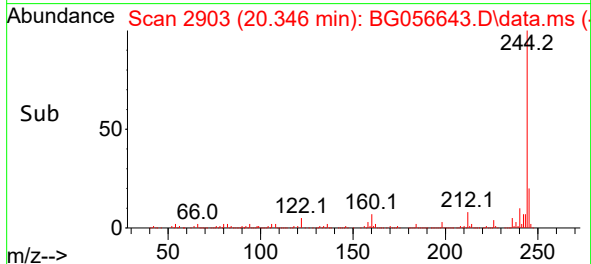
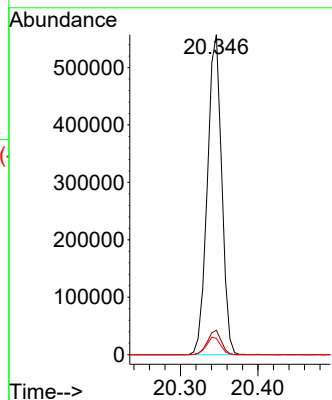
#79
 Terphenyl-d14
 Concen: 101.286 ng
 RT: 20.346 min Scan# 2903
 Delta R.T. -0.004 min
 Lab File: BG056643.D
 Acq: 15 Feb 2023 22:00

Instrument :
 BNA_G
 ClientSampleId :
 PB150875BL



Tgt Ion:244 Resp: 713734

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	5.1	3.8	5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.634 min Scan# 3803
 Delta R.T. -0.004 min
 Lab File: BG056643.D
 Acq: 15 Feb 2023 22:00

Tgt Ion:264 Resp: 127593

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.7	17.0	25.4

