

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056060.D
 Acq On : 22 Dec 2022 12:36
 Operator : CG/JU
 Sample : PB149728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

Quant Time: Dec 23 05:15:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

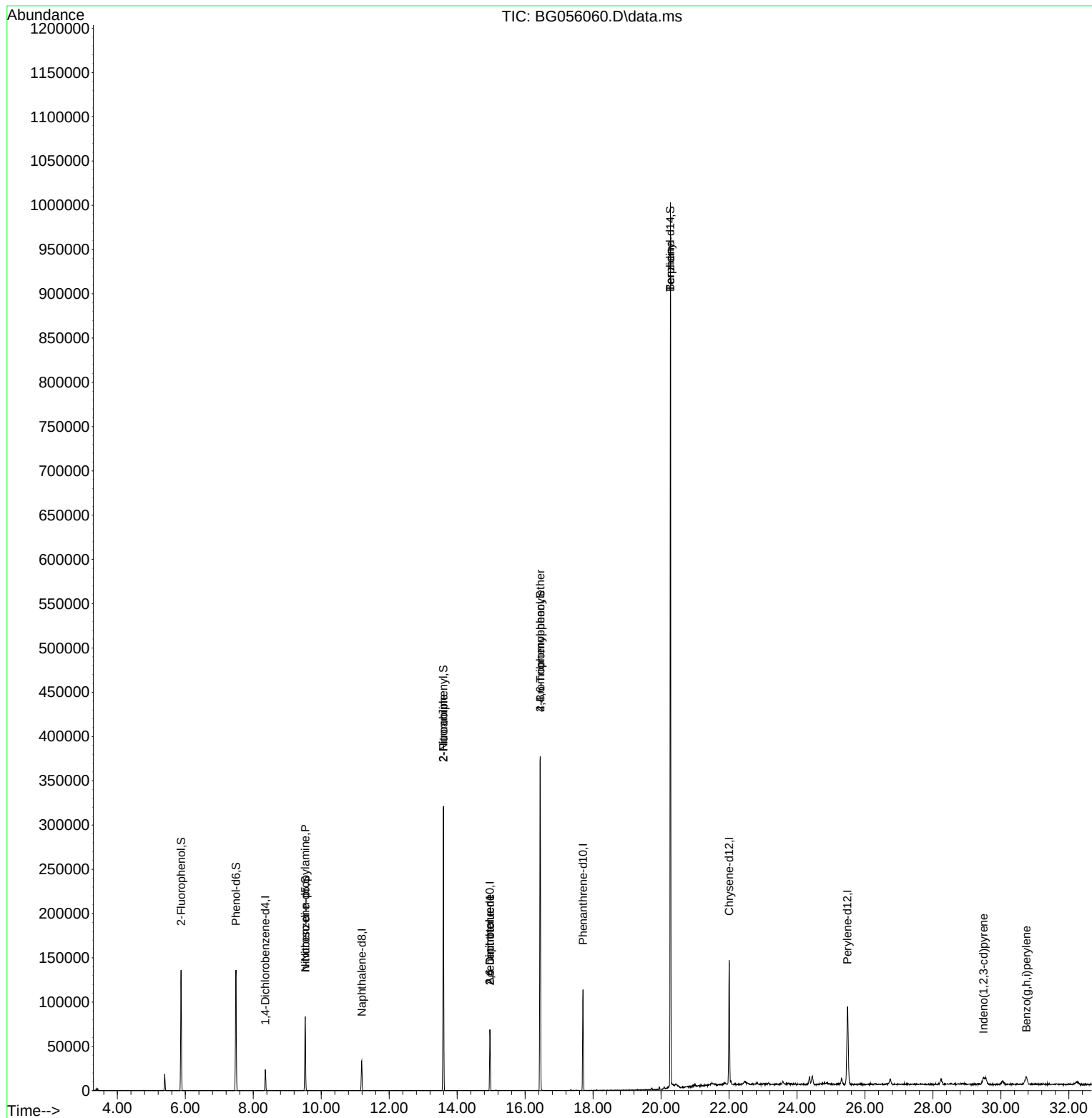
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	7654	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	29287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	28118	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	83363	20.000	ng	# 0.00
76) Chrysene-d12	22.002	240	104028	20.000	ng	#-0.01
86) Perylene-d12	25.480	264	114395	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.874	112	54699	167.597	ng	0.00
7) Phenol-d6	7.489	99	67006	159.629	ng	0.00
23) Nitrobenzene-d5	9.528	82	43944	104.855	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	103066	152.013	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	171241	85.412	ng	0.00
79) Terphenyl-d14	20.274	244	538831	91.545	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	6830	22.700	ng	# 63
48) 2-Nitroaniline	13.594	65	55	2.984	ng	# 1
51) 2,6-Dinitrotoluene	14.963	165	3670	9.756	ng	# 25
57) 2,4-Dinitrotoluene	14.963	165	3670	6.463	ng	# 35
67) 4-Bromophenyl-phenylether	16.444	248	5949	4.870	ng	# 1
77) Benzidine	20.274	184	7808	4.274	ng	# 91
87) Indeno(1,2,3-cd)pyrene	29.487	276	21824	2.372	ng	# 85
92) Benzo(g,h,i)perylene	30.750	276	22499	3.022	ng	97

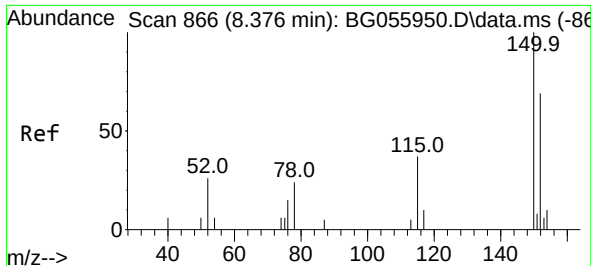
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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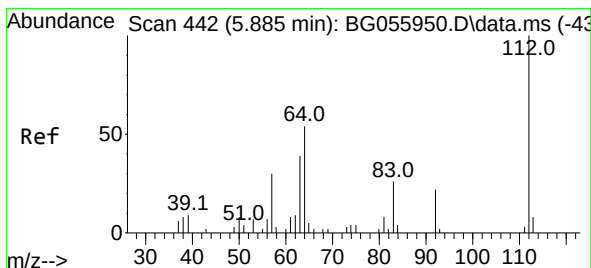
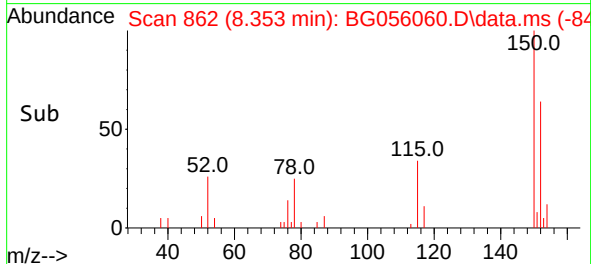
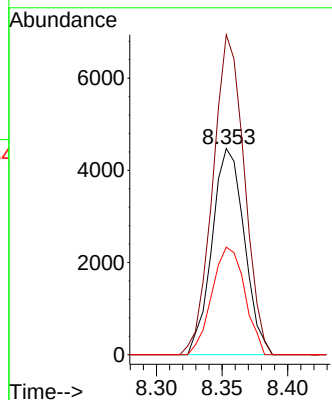
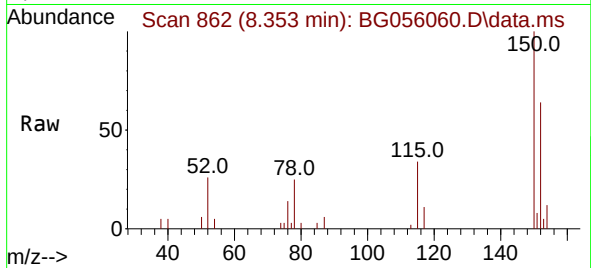




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

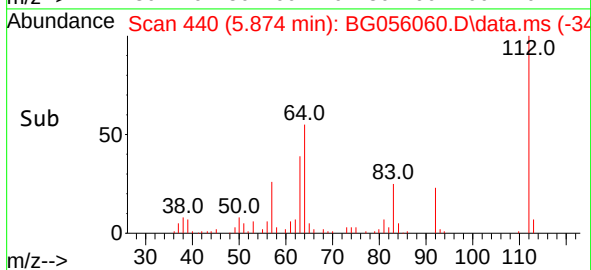
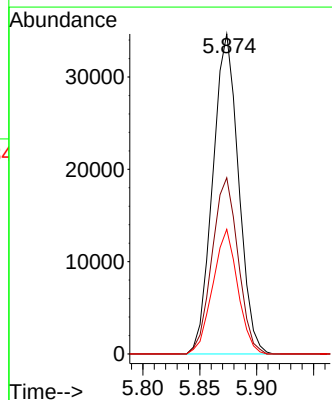
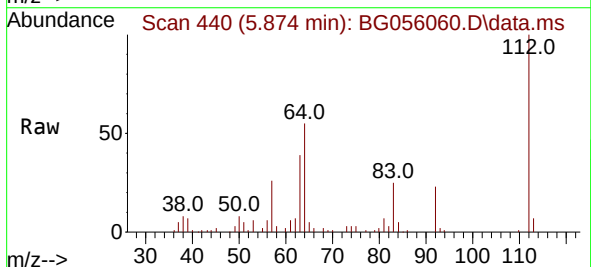
Instrument :
BNA_G
ClientSampleId :
PB149728BL

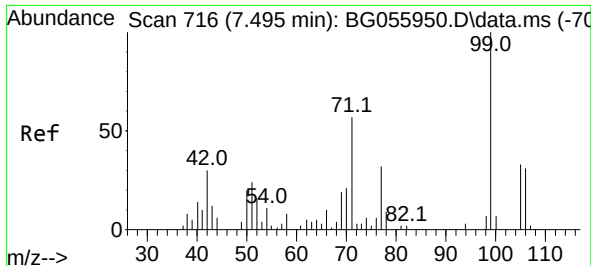
Tgt Ion:152 Resp: 7654
Ion Ratio Lower Upper
152 100
150 155.3 115.7 173.5
115 52.2 43.0 64.4



#5
2-Fluorophenol
Concen: 167.597 ng
RT: 5.874 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:112 Resp: 54699
Ion Ratio Lower Upper
112 100
64 55.0 43.0 64.4
63 38.9 31.4 47.2

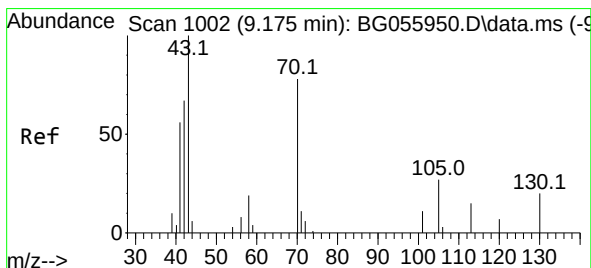
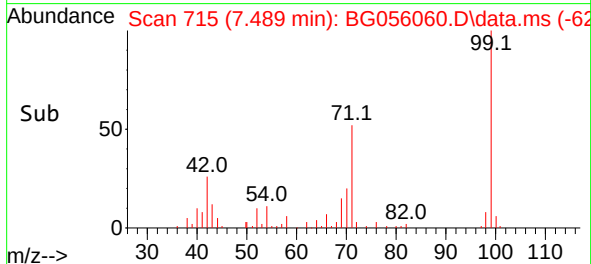
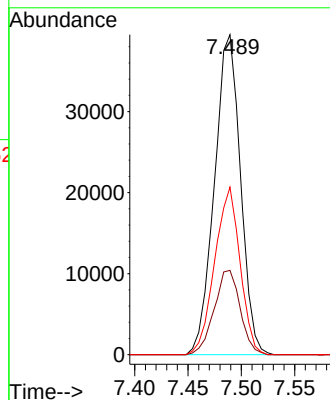
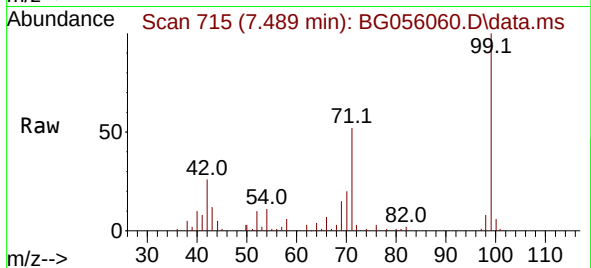




#7
Phenol-d6
Concen: 159.629 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

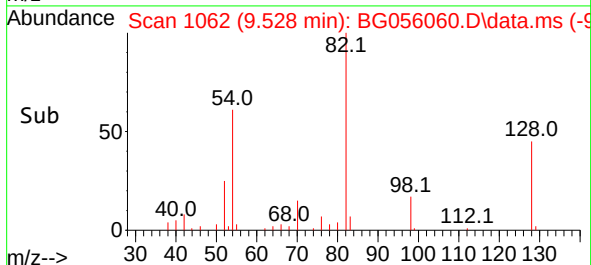
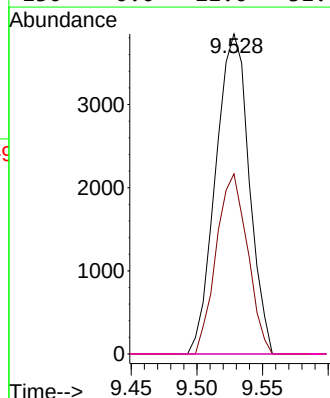
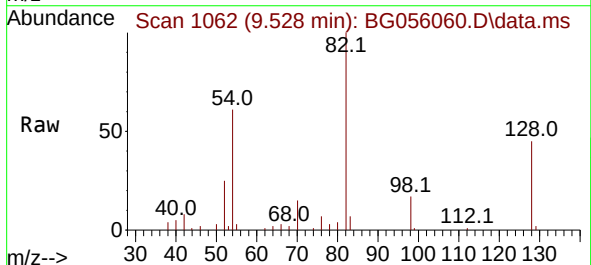
Instrument :
BNA_G
ClientSampleId :
PB149728BL

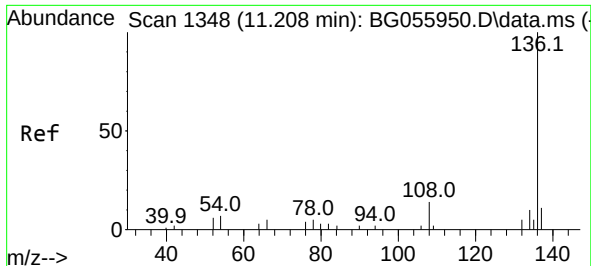
Tgt Ion: 99 Resp: 67006
Ion Ratio Lower Upper
99 100
42 26.3 24.3 36.5
71 52.4 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.700 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.370 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion: 70 Resp: 6830
Ion Ratio Lower Upper
70 100
42 56.3 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

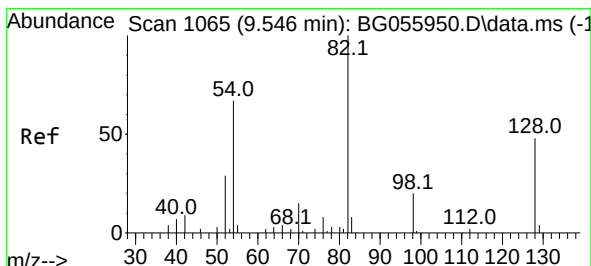
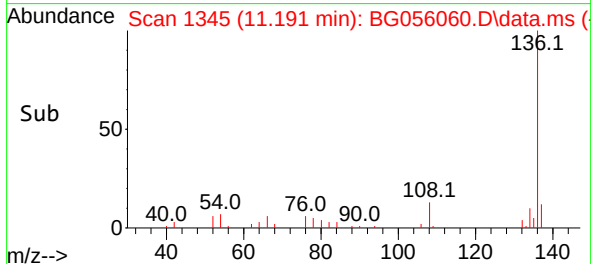
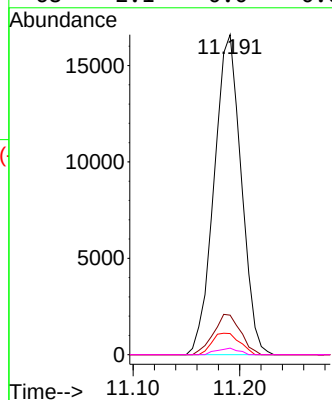
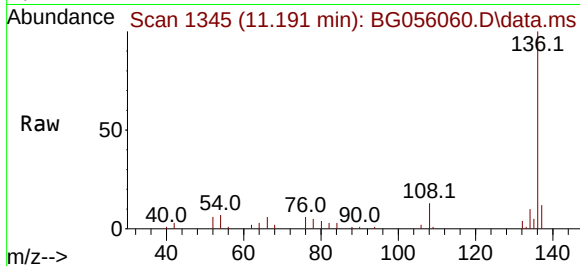




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

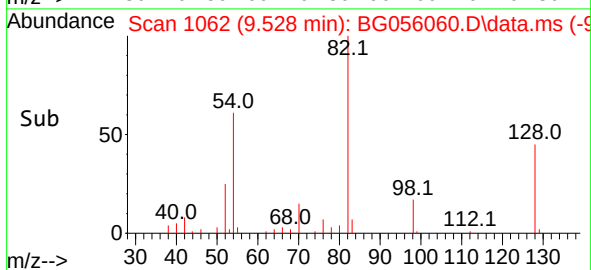
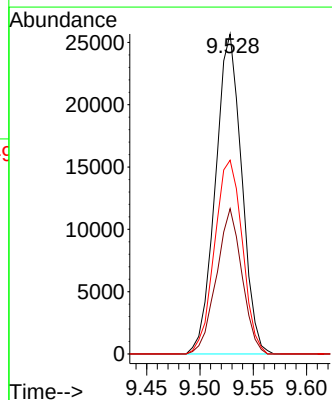
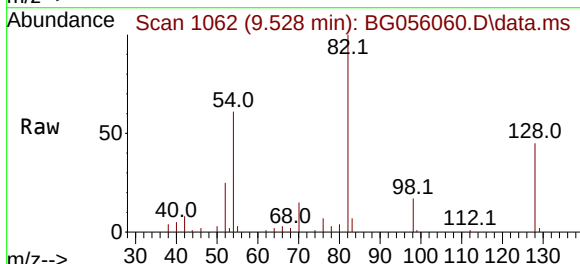
Instrument :
BNA_G
ClientSampleId :
PB149728BL

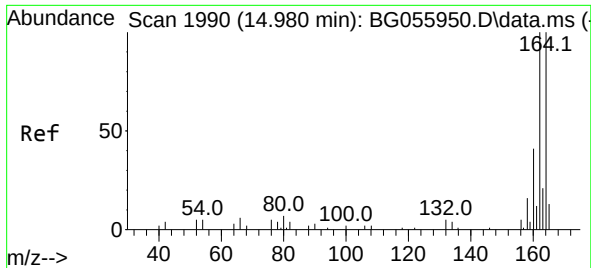
Tgt Ion:	136	Resp:	29287
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.2	13.8
54	6.6	5.6	8.4
68	2.1	0.0	0.0



#23
Nitrobenzene-d5
Concen: 104.855 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:	82	Resp:	43944
Ion Ratio	Lower	Upper	
82	100		
128	45.4	38.4	57.6
54	60.6	53.3	79.9

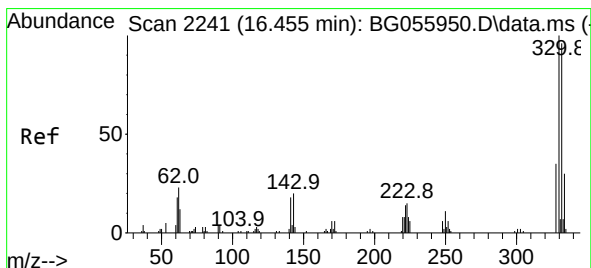
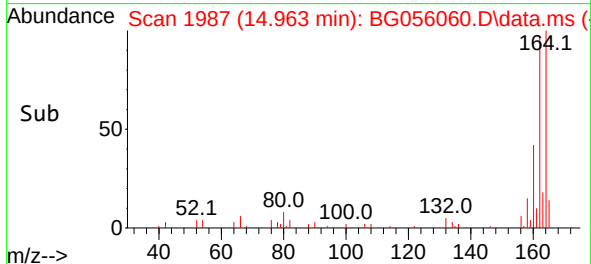
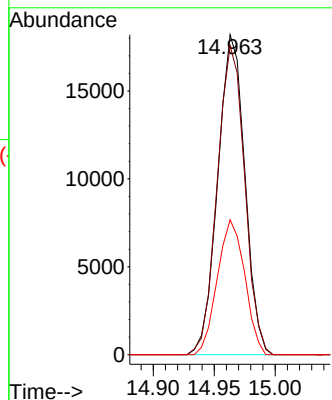
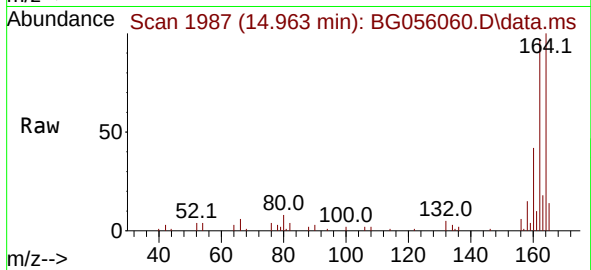




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

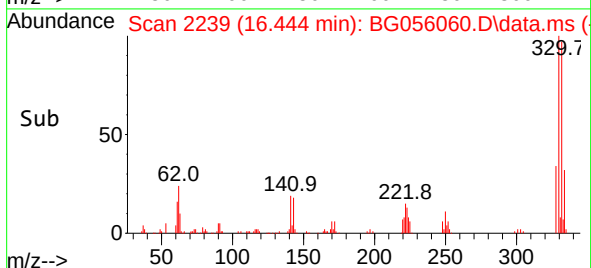
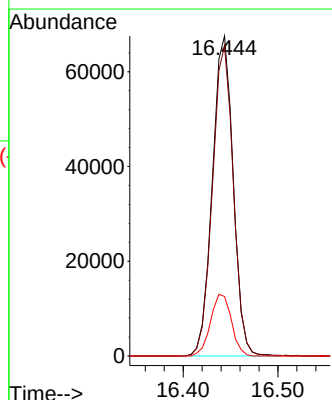
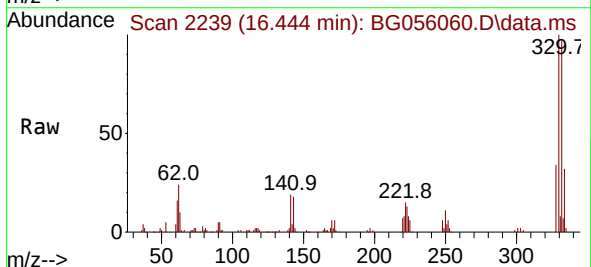
Instrument :
BNA_G
ClientSampleId :
PB149728BL

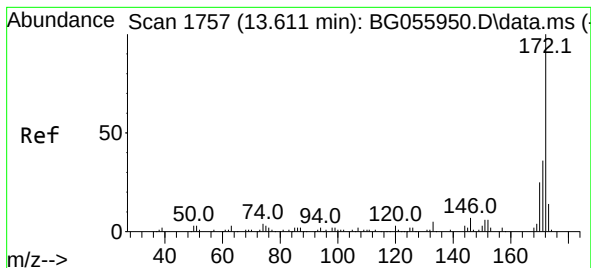
Tgt Ion:164 Resp: 28118
Ion Ratio Lower Upper
164 100
162 96.5 79.8 119.8
160 42.1 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 152.013 ng
RT: 16.444 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:330 Resp: 103066
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 19.3 15.0 22.4





#45

2-Fluorobiphenyl

Concen: 85.412 ng

RT: 13.594 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149728BL

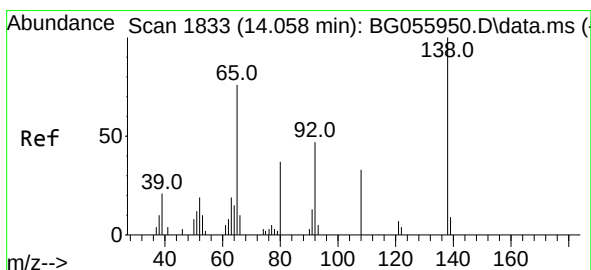
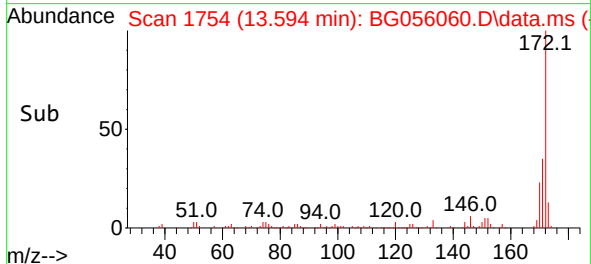
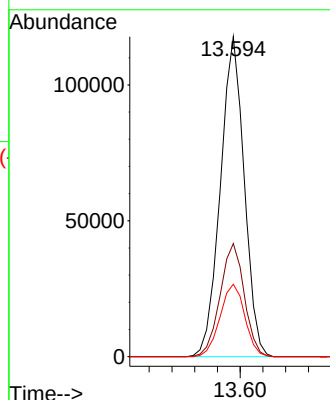
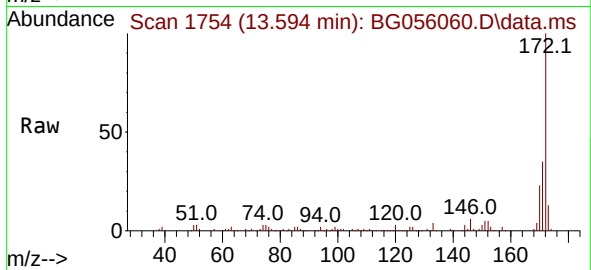
Tgt Ion:172 Resp: 171241

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 22.7 19.9 29.9



#48

2-Nitroaniline

Concen: 2.984 ng

RT: 13.594 min Scan# 1754

Delta R.T. -0.452 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

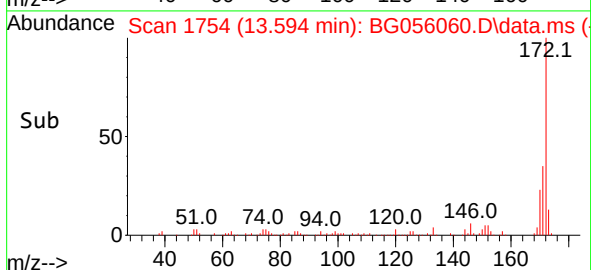
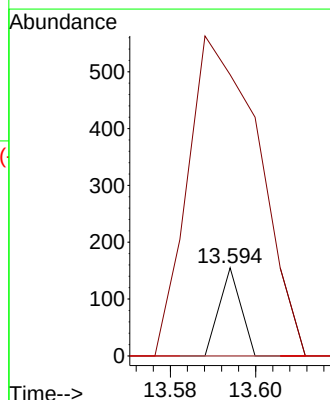
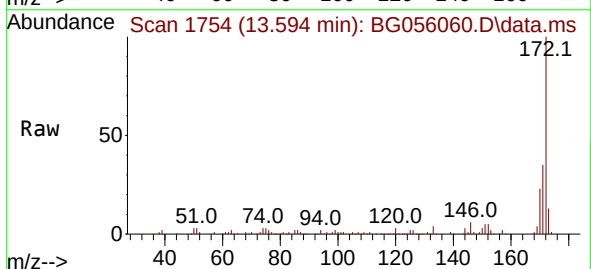
Tgt Ion: 65 Resp: 55

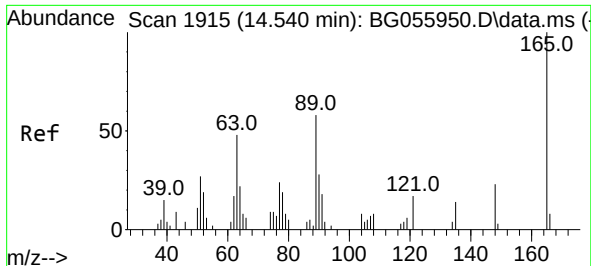
Ion Ratio Lower Upper

65 100

92 319.4 49.7 74.5#

138 0.0 105.0 157.6#

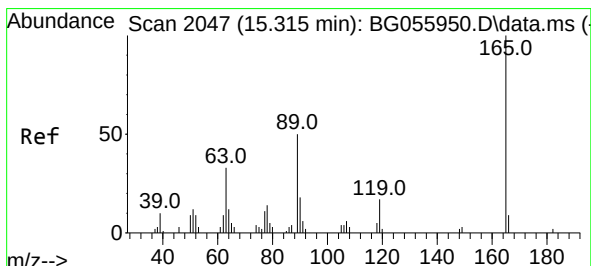
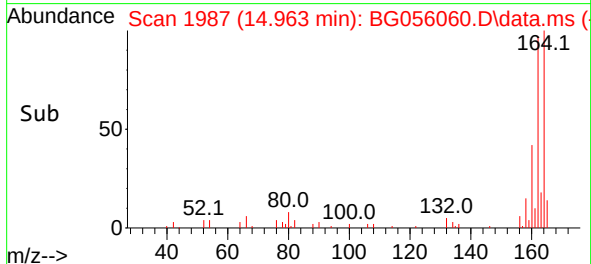
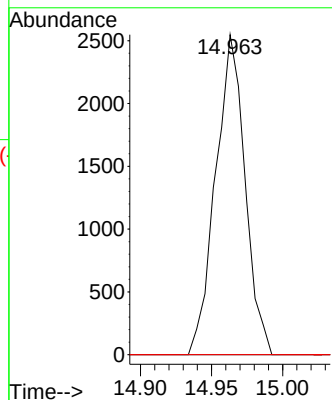
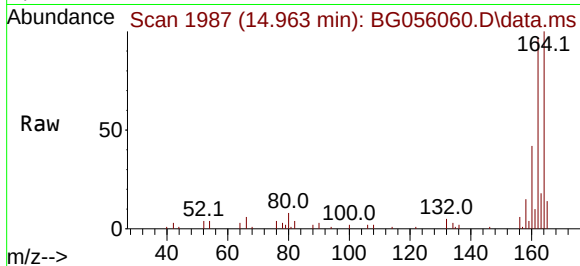




#51
2,6-Dinitrotoluene
Concen: 9.756 ng
RT: 14.963 min Scan# 1915
Delta R.T. 0.435 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

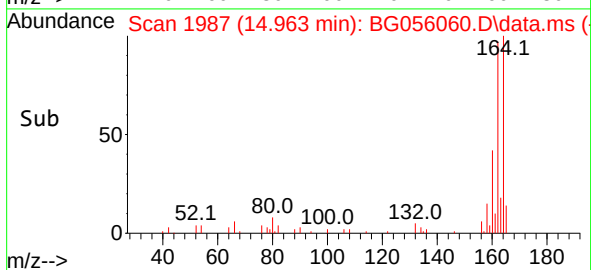
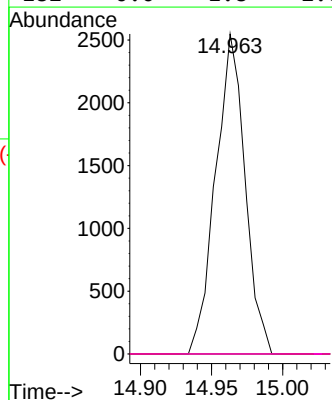
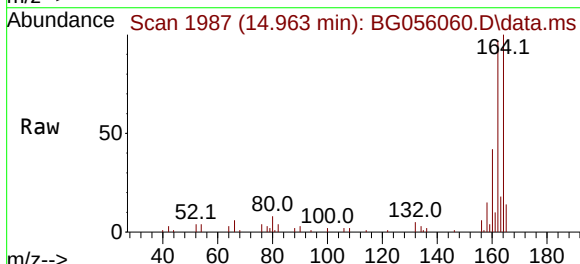
Instrument :
BNA_G
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PB149728BL

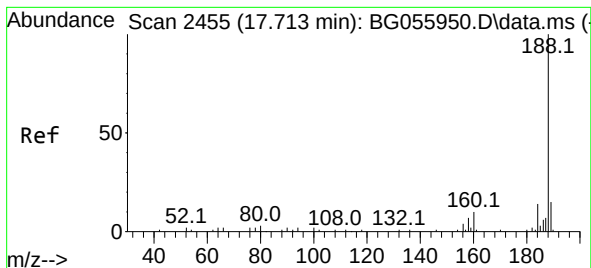
Tgt Ion:165 Resp: 3670
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.353 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:165 Resp: 3670
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149728BL

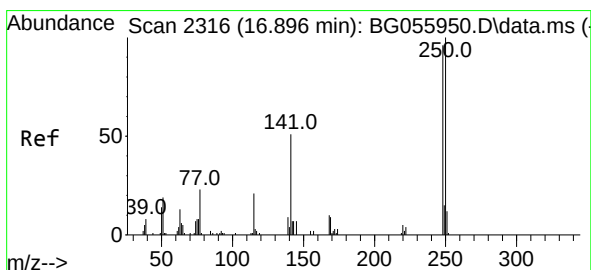
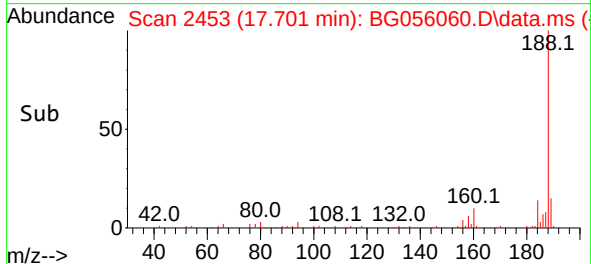
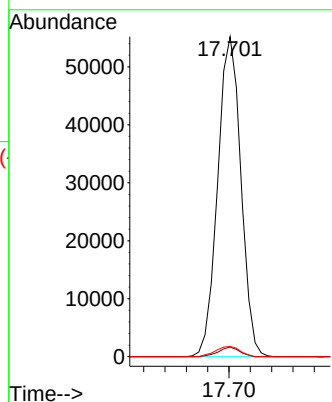
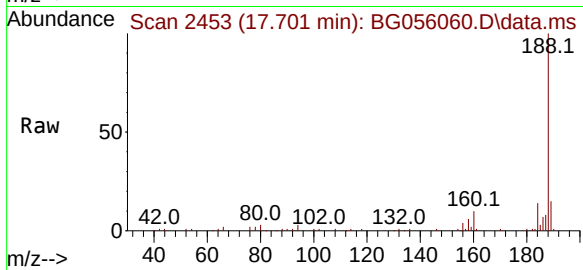
Tgt Ion:188 Resp: 83363

Ion Ratio Lower Upper

188 100

94 3.0 1.8 2.8#

80 3.2 2.4 3.6



#67

4-Bromophenyl-phenylether

Concen: 4.870 ng

RT: 16.444 min Scan# 2239

Delta R.T. -0.441 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

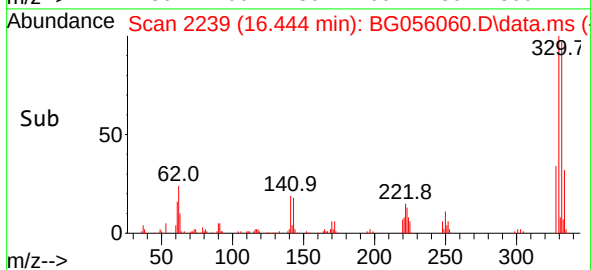
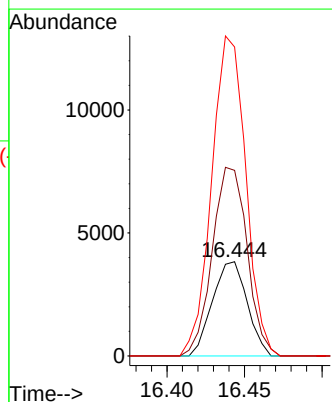
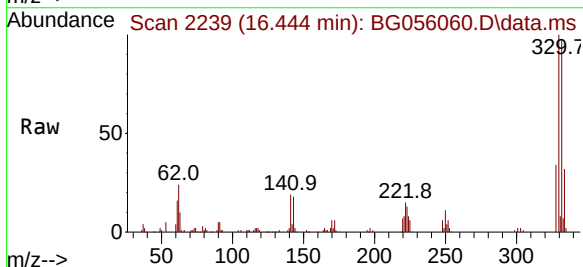
Tgt Ion:248 Resp: 5949

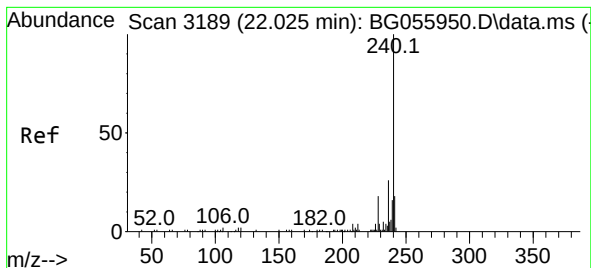
Ion Ratio Lower Upper

248 100

250 196.9 83.0 124.6#

141 327.9 42.6 64.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.002 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149728BL

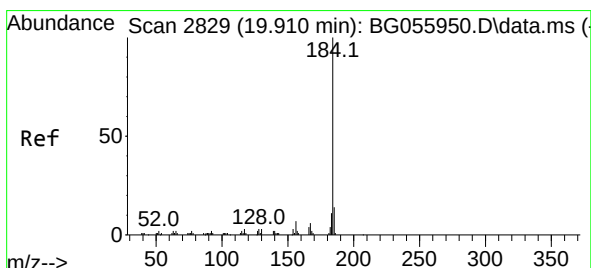
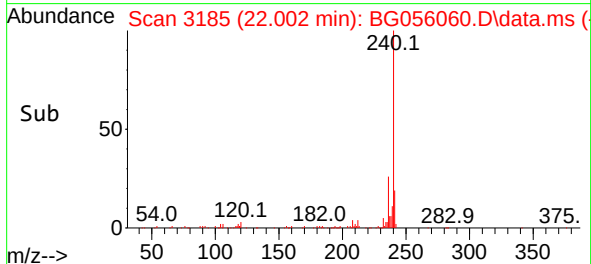
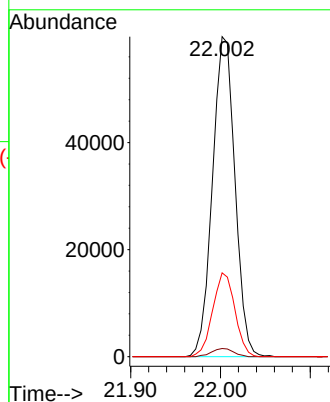
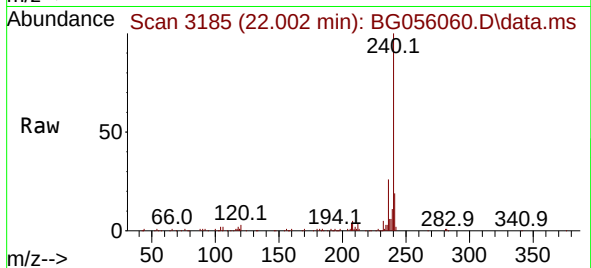
Tgt Ion:240 Resp: 104028

Ion Ratio Lower Upper

240 100

120 2.6 1.7 2.5#

236 26.2 21.1 31.7



#77

Benzidine

Concen: 4.274 ng

RT: 20.274 min Scan# 2891

Delta R.T. 0.376 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

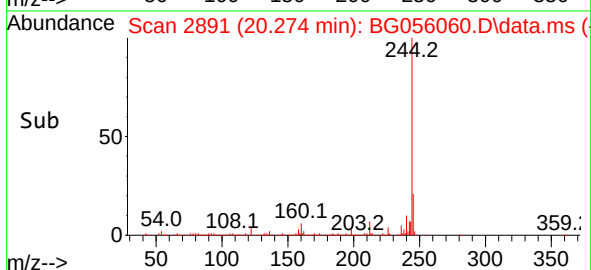
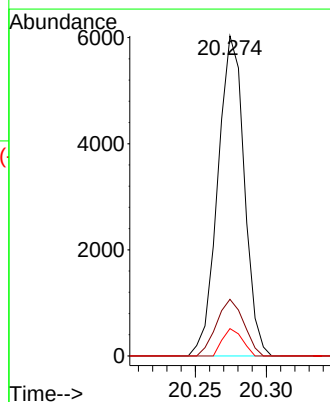
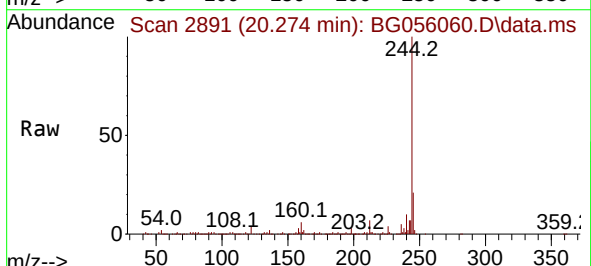
Tgt Ion:184 Resp: 7808

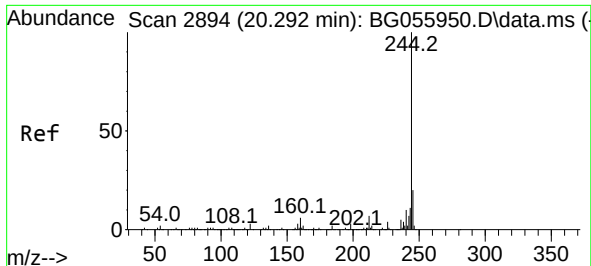
Ion Ratio Lower Upper

184 100

185 17.7 10.9 16.3#

183 8.5 9.2 13.8#

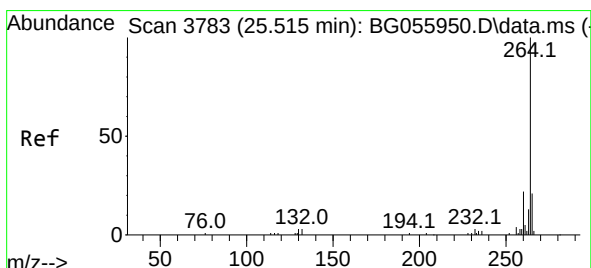
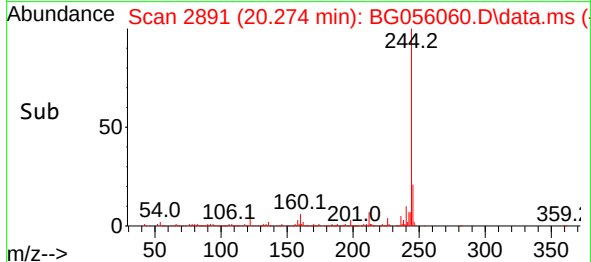
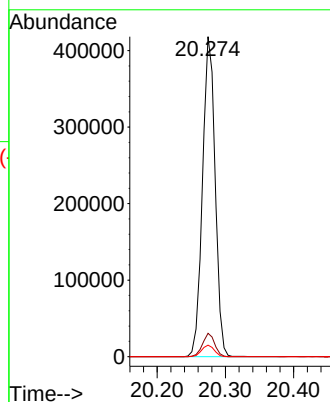
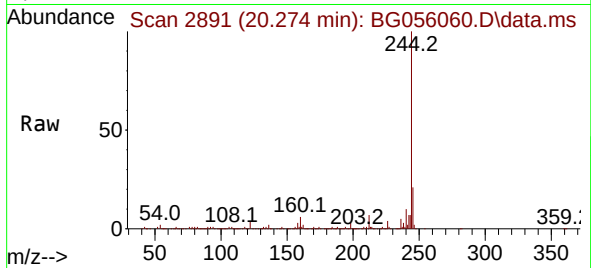




#79
 Terphenyl-d14
 Concen: 91.545 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

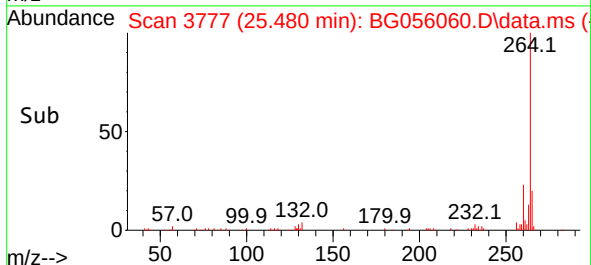
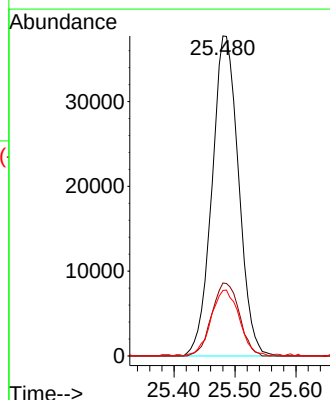
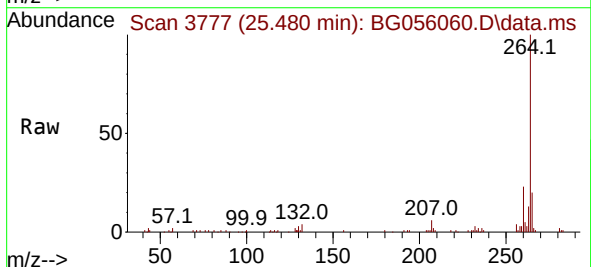
Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

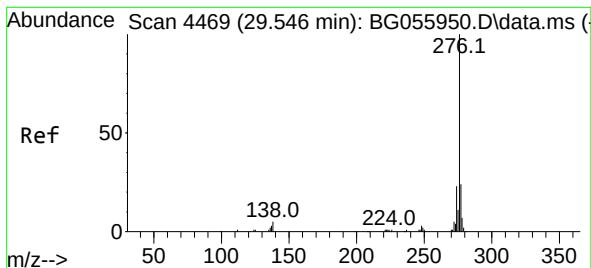
Tgt Ion:244 Resp: 538831
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.480 min Scan# 3777
 Delta R.T. -0.012 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

Tgt Ion:264 Resp: 114395
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.8
 265 20.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.372 ng

RT: 29.487 min Scan# 4469

Delta R.T. -0.023 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149728BL

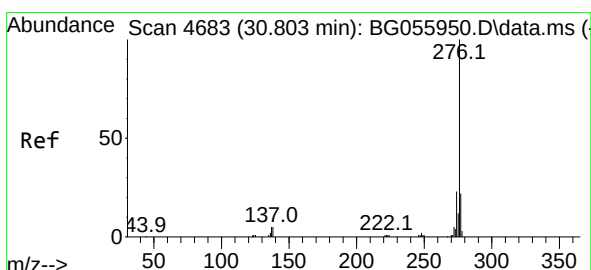
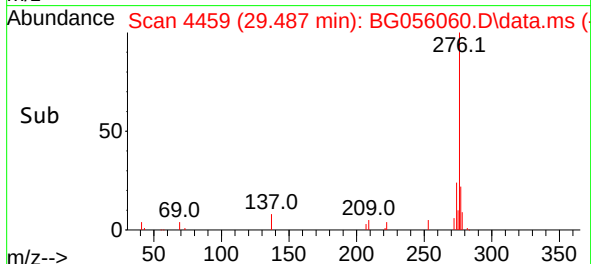
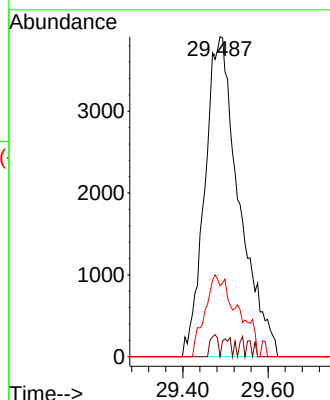
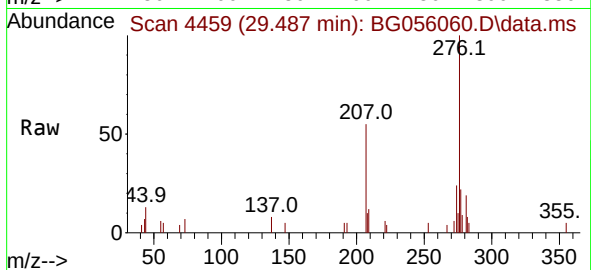
Tgt Ion:276 Resp: 21824

Ion Ratio Lower Upper

276 100

138 1.5 3.0 4.4#

277 17.5 20.4 30.6#



#92

Benzo(g,h,i)perylene

Concen: 3.022 ng

RT: 30.750 min Scan# 4674

Delta R.T. -0.035 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Tgt Ion:276 Resp: 22499

Ion Ratio Lower Upper

276 100

277 20.8 17.8 26.6

138 4.6 3.8 5.6

