

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055882.D
 Acq On : 2 Dec 2022 20:31
 Operator : CG/JU
 Sample : N5845-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120122

Quant Time: Dec 03 04:31:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

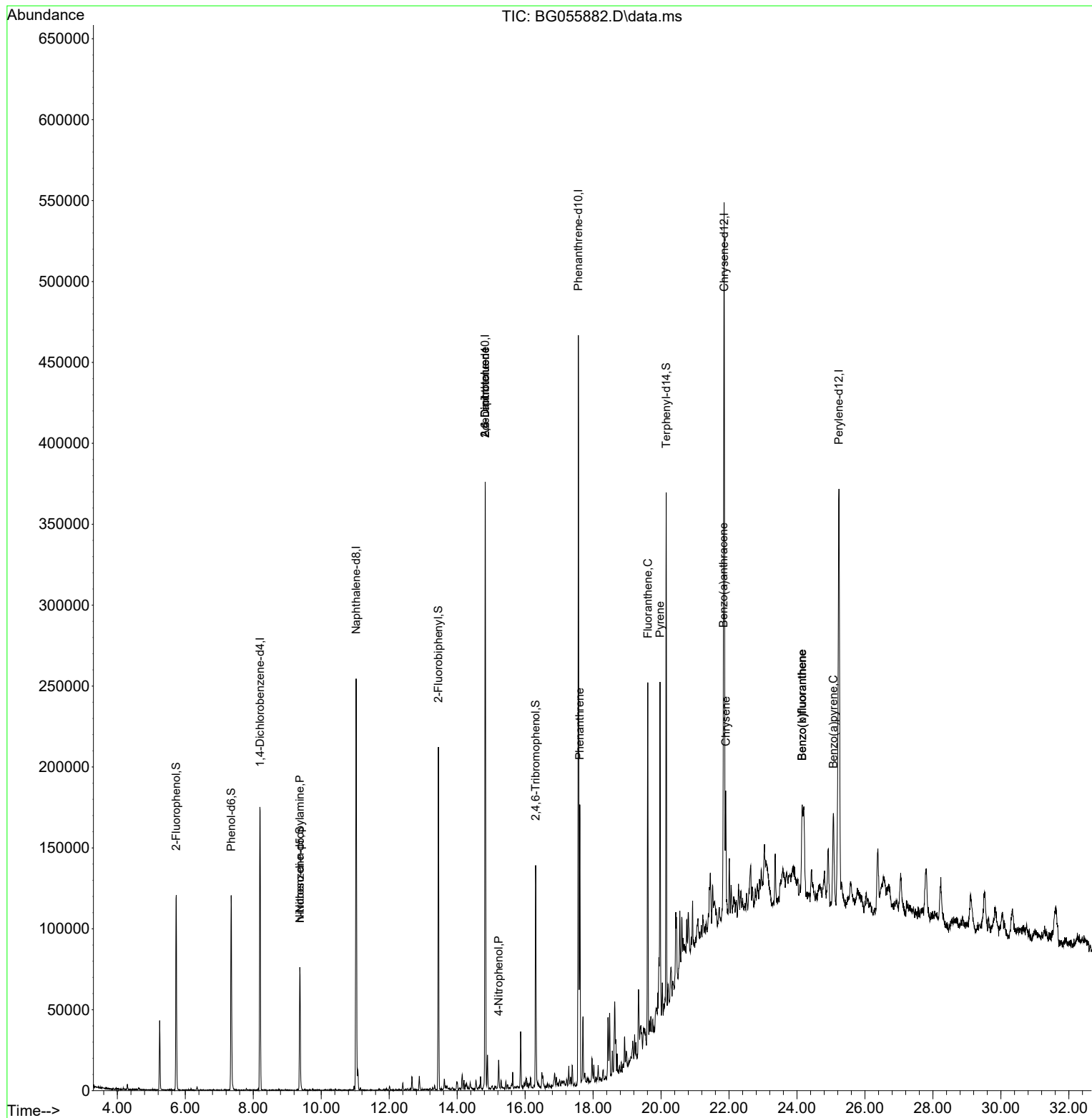
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	51437	20.000	ng	0.00
21) Naphthalene-d8	11.028	136	212710	20.000	ng	0.00
39) Acenaphthene-d10	14.824	164	138348	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	287236	20.000	ng	0.00
76) Chrysene-d12	21.857	240	271628	20.000	ng	0.00
86) Perylene-d12	25.235	264	286530	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	55305	19.434	ng	0.00
7) Phenol-d6	7.350	99	72525	19.145	ng	0.00
23) Nitrobenzene-d5	9.371	82	46893	11.652	ng	-0.02
42) 2,4,6-Tribromophenol	16.310	330	30498	15.655	ng	-0.02
45) 2-Fluorobiphenyl	13.449	172	108306	11.728	ng	0.00
79) Terphenyl-d14	20.153	244	153323	11.290	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.371	70	6352	2.182	ng	# 73
51) 2,6-Dinitrotoluene	14.824	165	18822	8.347	ng	# 25
56) 4-Nitrophenol	15.223	139	3971	2.044	ng	# 4
57) 2,4-Dinitrotoluene	14.824	165	18822	5.920	ng	# 24
71) Phenanthrene	17.609	178	111403	7.187	ng	99
75) Fluoranthene	19.612	202	141005	7.477	ng	100
78) Pyrene	19.971	202	130125	7.077	ng	99
81) Benzo(a)anthracene	21.833	228	65846	3.520	ng	98
83) Chrysene	21.904	228	60989	3.424	ng	98
88) Benzo(b)fluoranthene	24.154	252	77554	4.156	ng	# 94
89) Benzo(k)fluoranthene	24.154	252	77554	4.169	ng	# 93
90) Benzo(a)pyrene	25.070	252	61323	3.830	ng	# 93

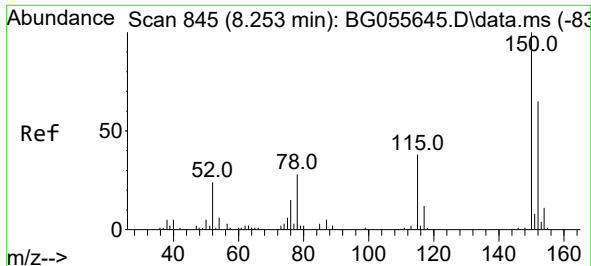
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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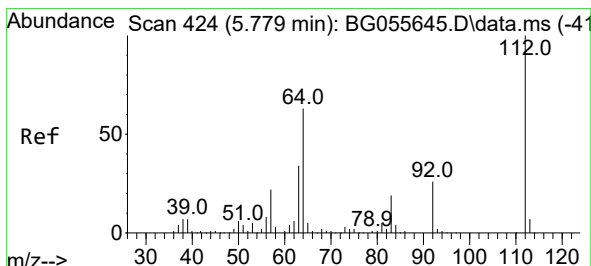
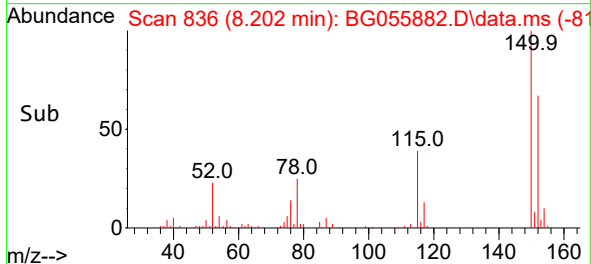
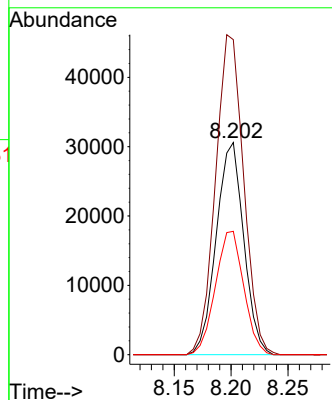
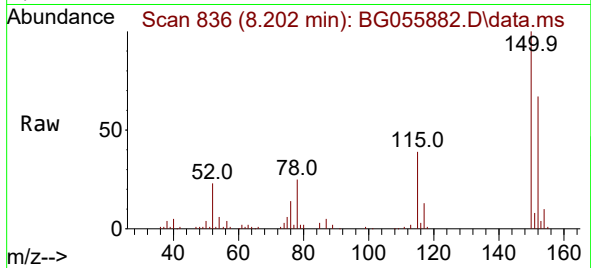




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

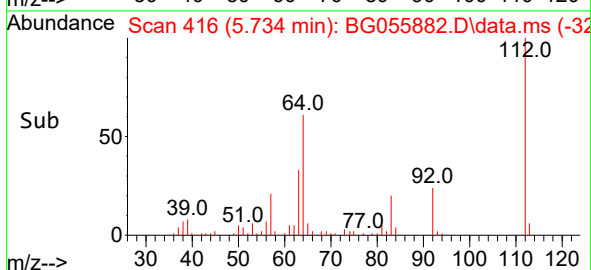
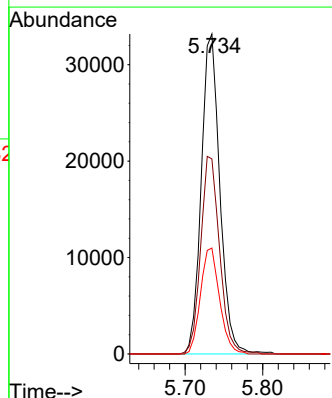
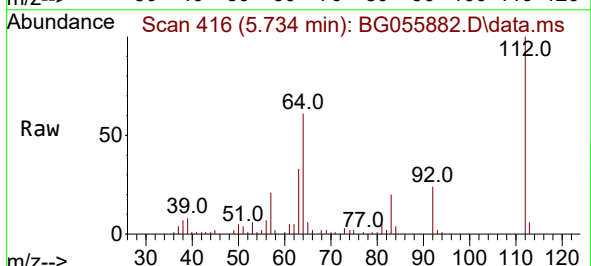
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

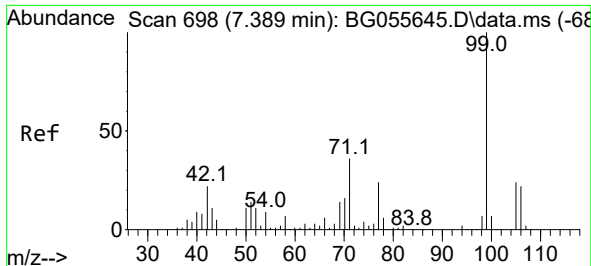
Tgt Ion:152 Resp: 51437
Ion Ratio Lower Upper
152 100
150 148.4 123.0 184.6
115 58.2 47.0 70.4



#5
2-Fluorophenol
Concen: 19.434 ng
RT: 5.734 min Scan# 416
Delta R.T. -0.003 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:112 Resp: 55305
Ion Ratio Lower Upper
112 100
64 61.0 50.6 76.0
63 33.1 27.5 41.3

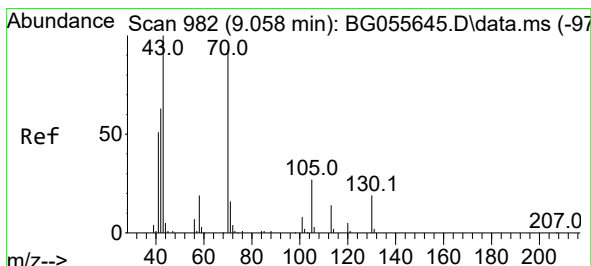
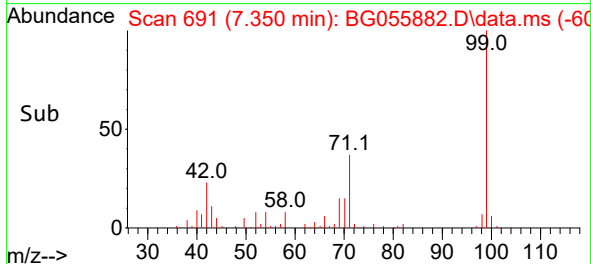
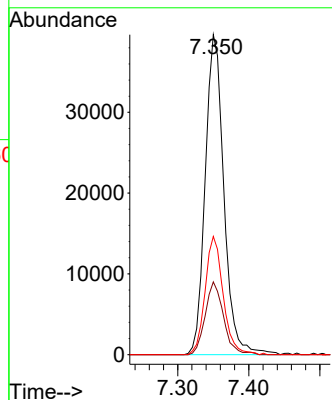
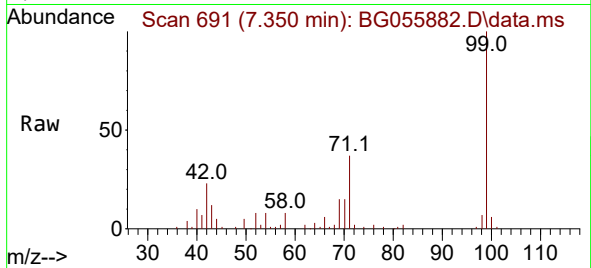




#7
Phenol-d6
Concen: 19.145 ng
RT: 7.350 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

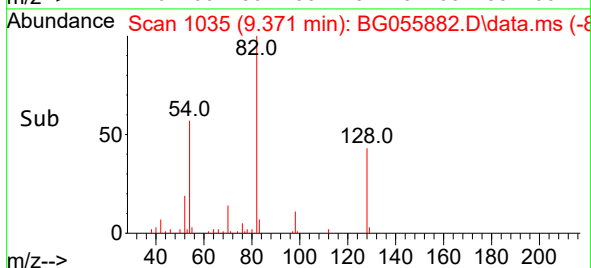
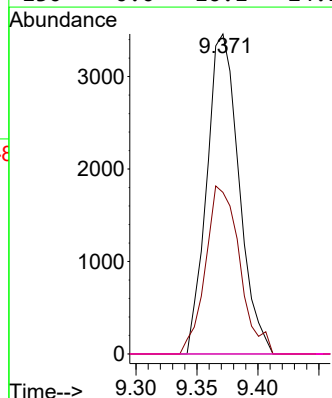
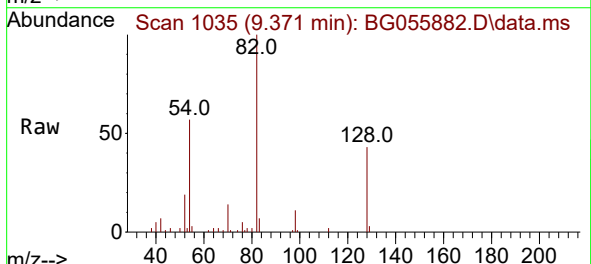
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

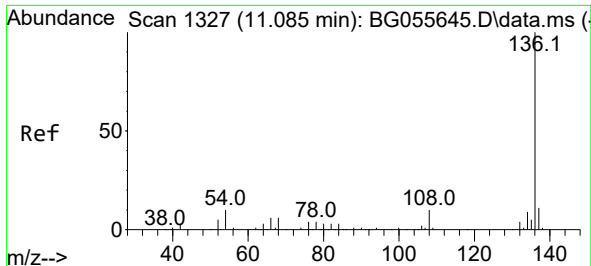
Tgt Ion: 99 Resp: 72525
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 2.182 ng
RT: 9.371 min Scan# 1035
Delta R.T. 0.361 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

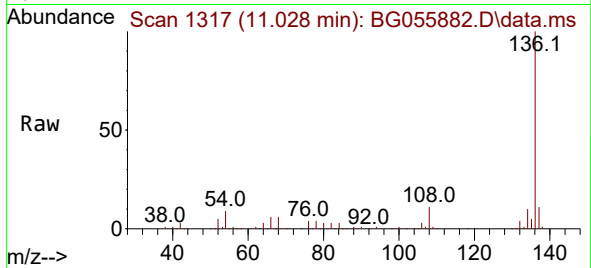
Tgt Ion: 70 Resp: 6352
Ion Ratio Lower Upper
70 100
42 50.5 55.2 82.8#
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#



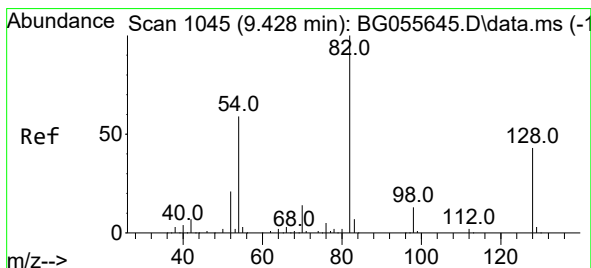
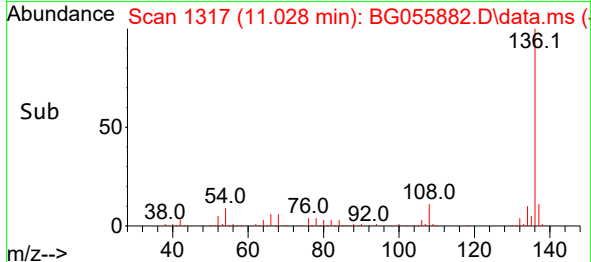
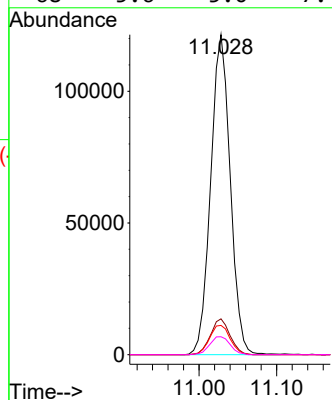


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Instrument :
BNA_G
ClientSampleId :
OR-03-120122

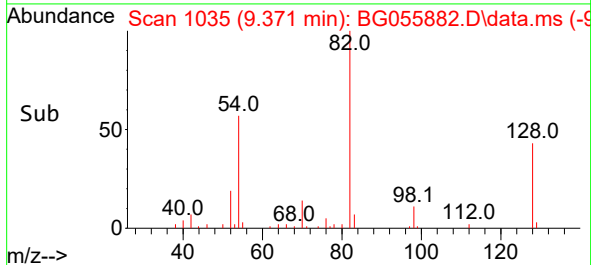
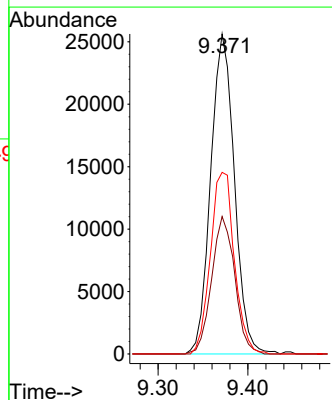
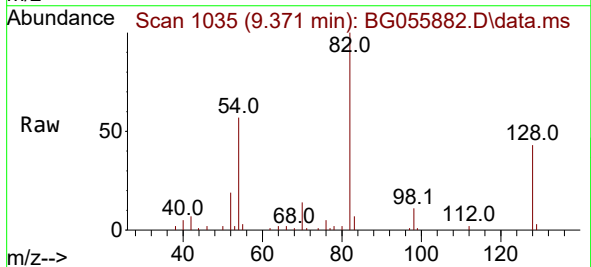


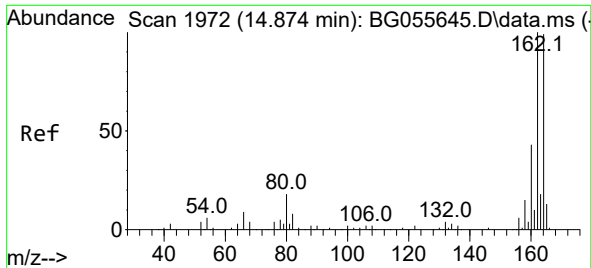
Tgt Ion:136 Resp: 212710
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.1 7.8 11.6
68 5.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 11.652 ng
RT: 9.371 min Scan# 1035
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion: 82 Resp: 46893
Ion Ratio Lower Upper
82 100
128 42.9 34.1 51.1
54 56.8 47.3 70.9

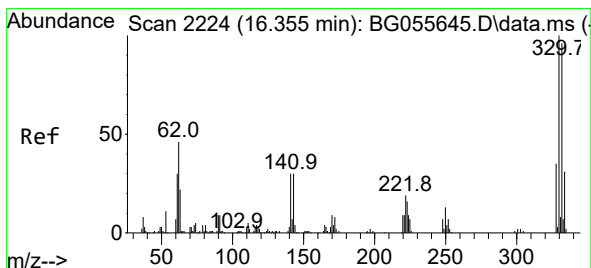
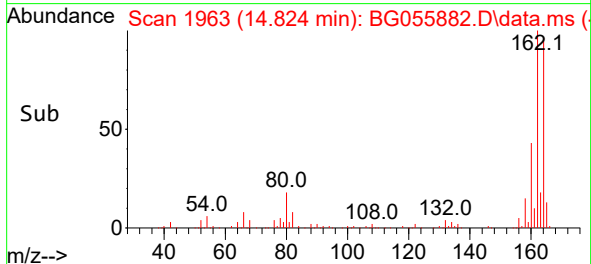
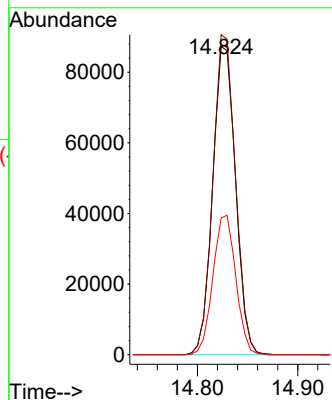
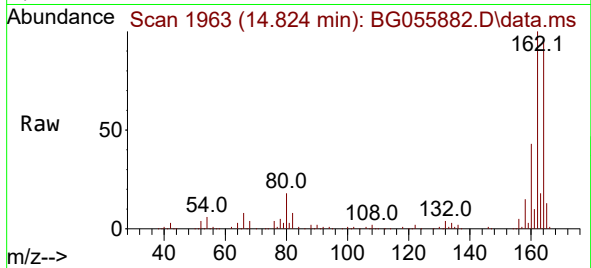




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.824 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

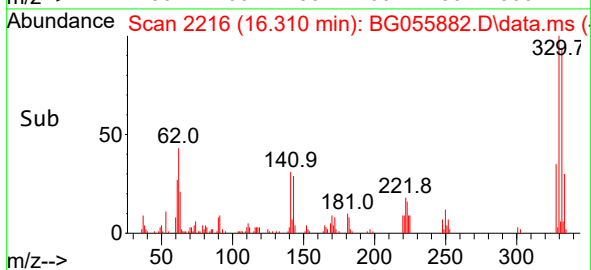
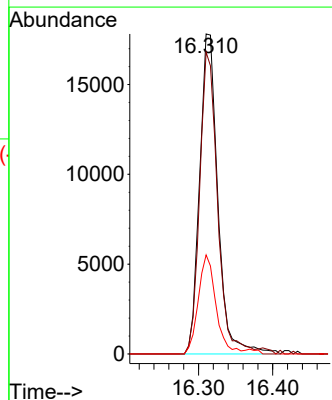
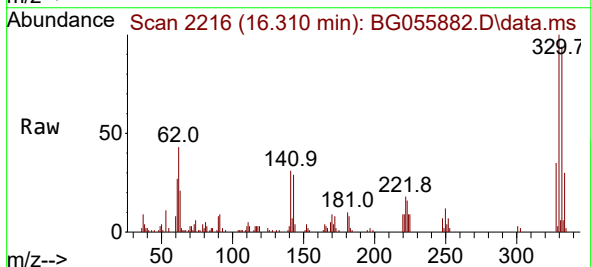
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

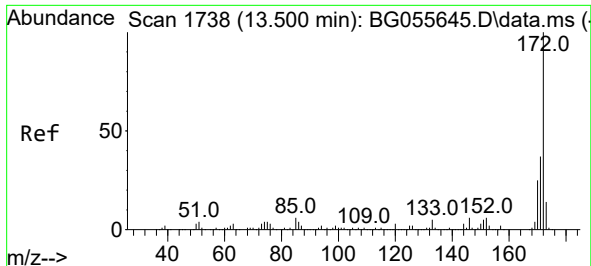
Tgt Ion:164 Resp: 138348
Ion Ratio Lower Upper
164 100
162 103.8 81.1 121.7
160 44.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 15.655 ng
RT: 16.310 min Scan# 2216
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:330 Resp: 30498
Ion Ratio Lower Upper
330 100
332 92.4 77.8 116.8
141 30.1 23.9 35.9

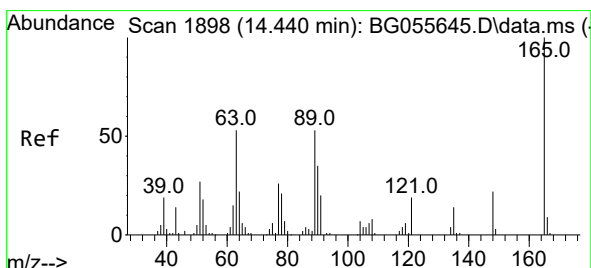
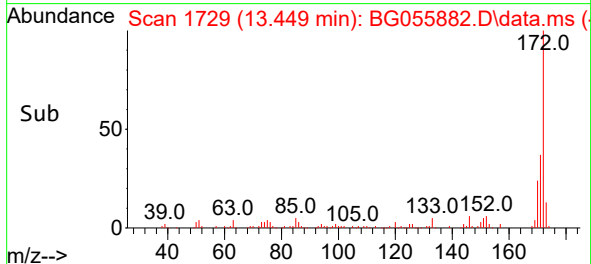
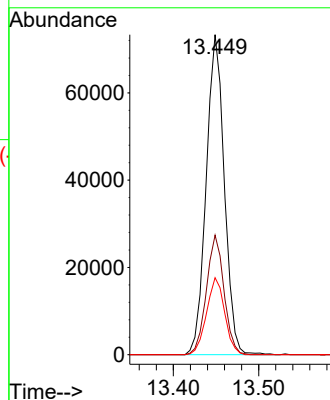
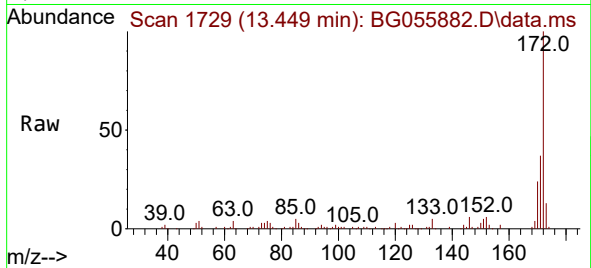




#45
2-Fluorobiphenyl
Concen: 11.728 ng
RT: 13.449 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

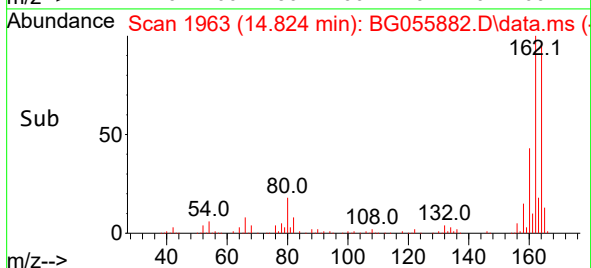
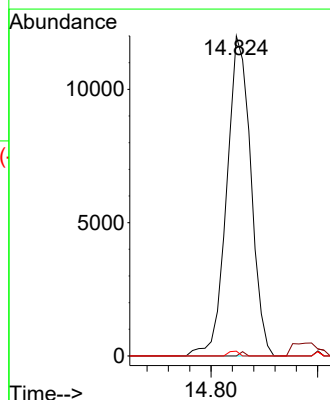
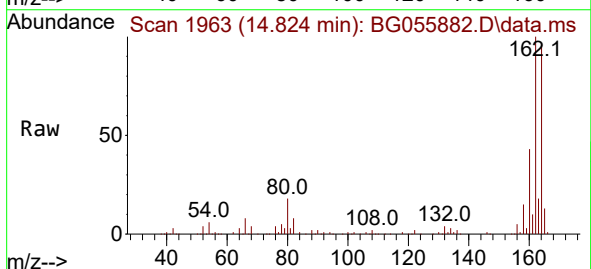
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ClientSampleId :
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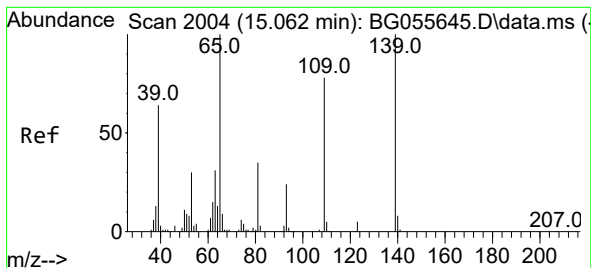
Tgt Ion:172 Resp: 108306
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 14.824 min Scan# 1963
Delta R.T. 0.414 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:165 Resp: 18822
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.5 42.2 63.4#

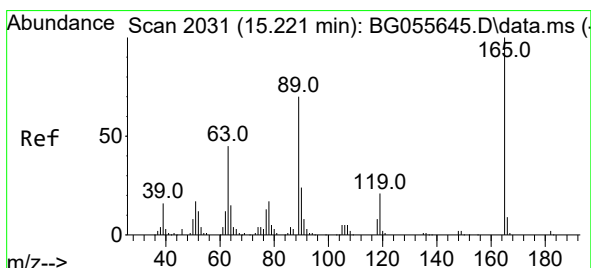
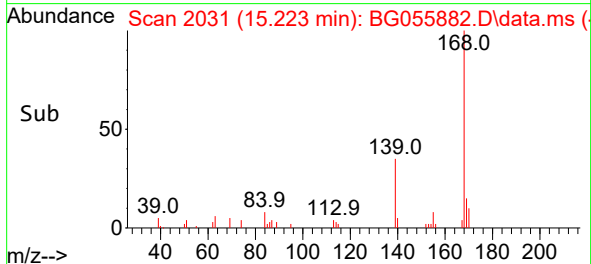
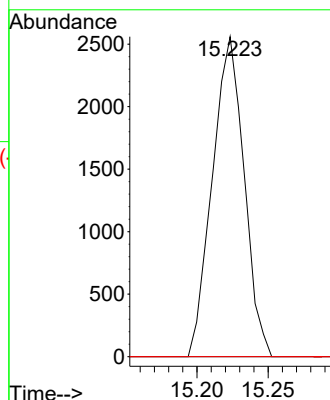
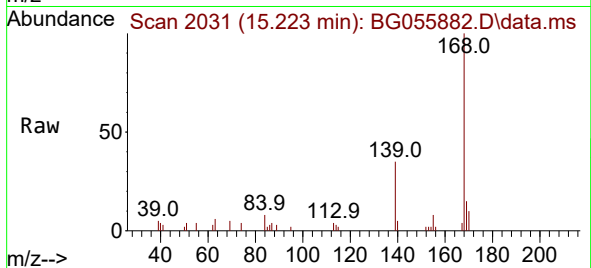




#56
4-Nitrophenol
Concen: 2.044 ng
RT: 15.223 min Scan# 20
Delta R.T. 0.167 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

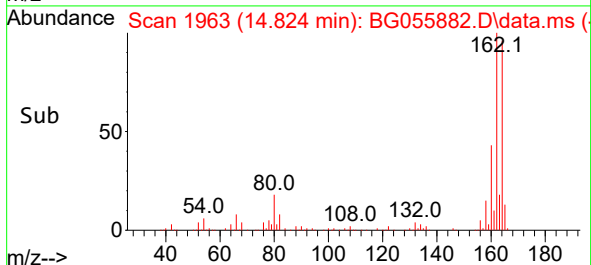
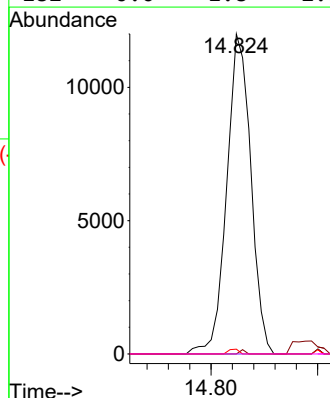
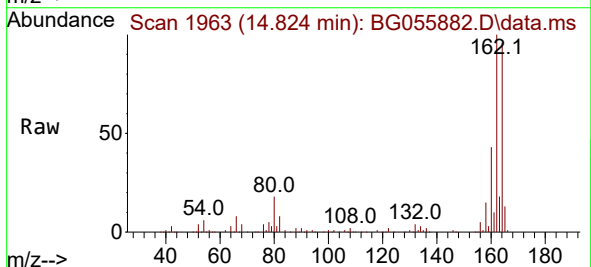
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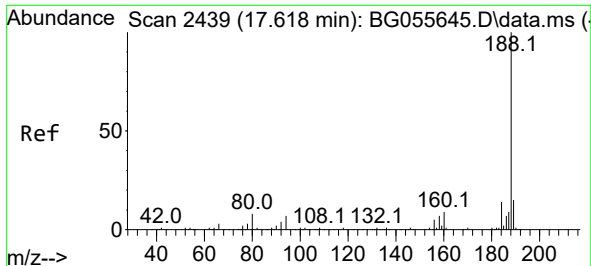
Tgt Ion:139 Resp: 3971
Ion Ratio Lower Upper
139 100
109 0.0 58.6 98.6#
65 0.0 80.5 120.5#



#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 14.824 min Scan# 1963
Delta R.T. -0.374 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:165 Resp: 18822
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 1.5 56.2 84.4#
182 0.0 1.8 2.8#

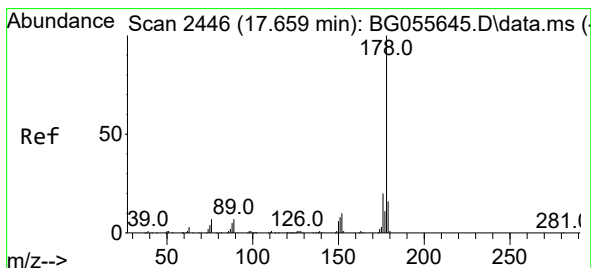
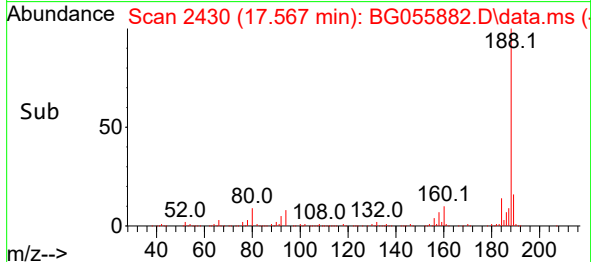
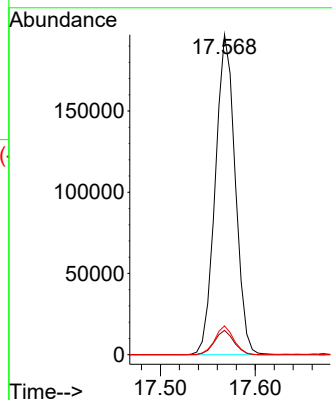
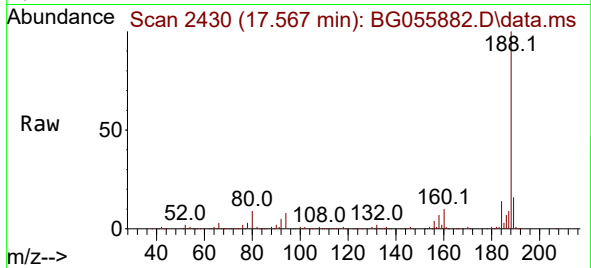




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.567 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

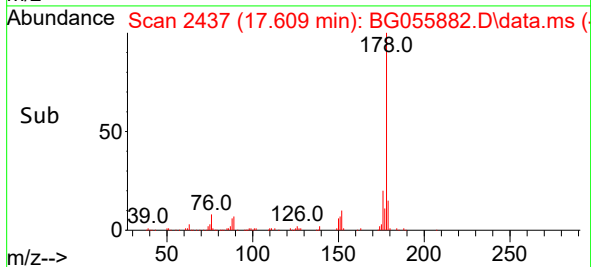
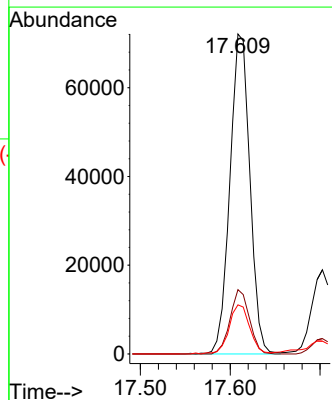
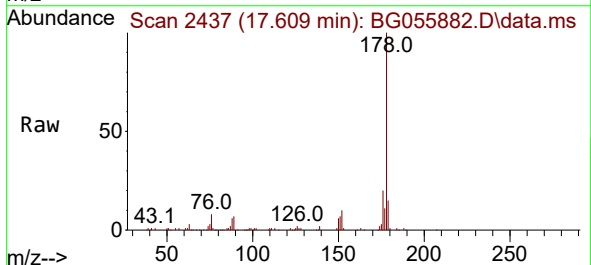
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

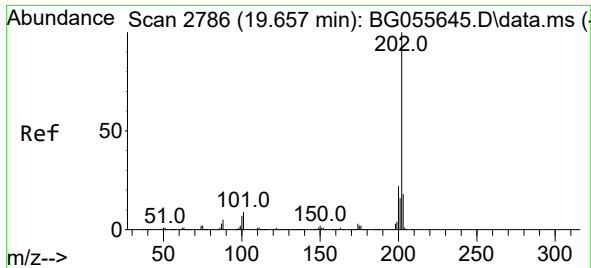
Tgt Ion:188 Resp: 287236
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 9.0 6.6 10.0



#71
Phenanthrene
Concen: 7.187 ng
RT: 17.609 min Scan# 2437
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:178 Resp: 111403
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.4 12.7 19.1

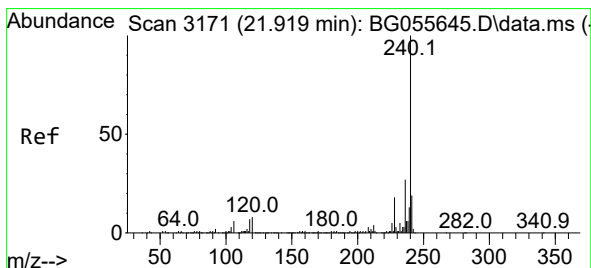
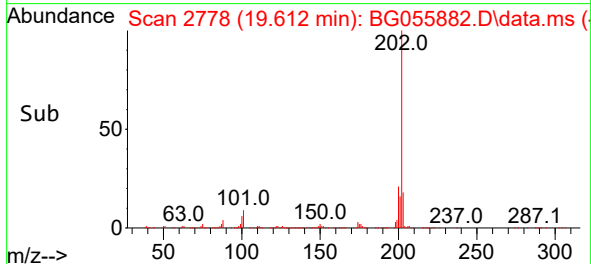
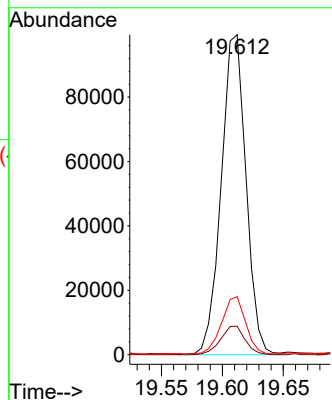
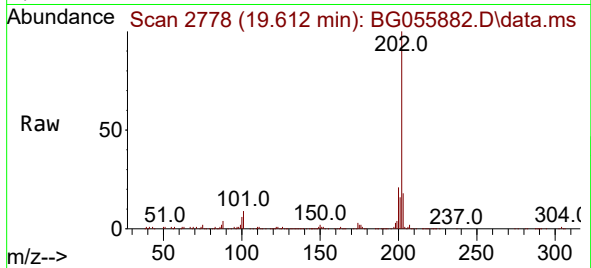




#75
Fluoranthene
Concen: 7.477 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

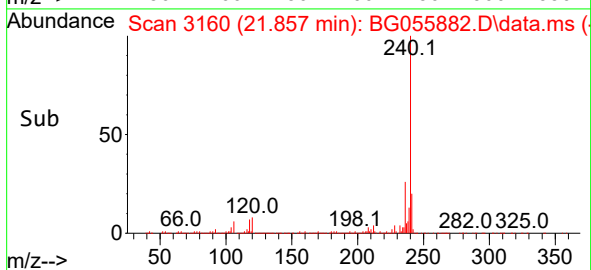
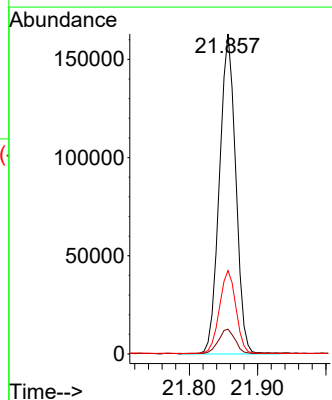
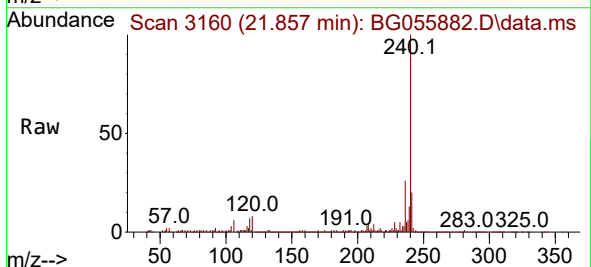
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

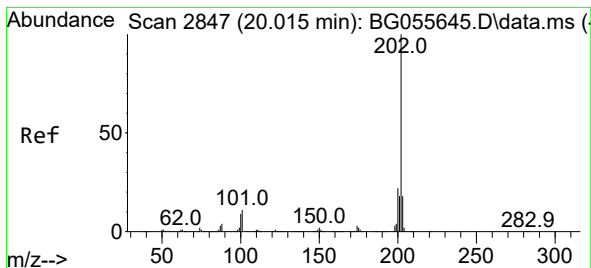
Tgt Ion:202 Resp: 141005
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:240 Resp: 271628
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.0 21.9 32.9





#78

Pyrene

Concen: 7.077 ng

RT: 19.971 min Scan# 2847

Delta R.T. -0.009 min

Lab File: BG055882.D

Acq: 2 Dec 2022 20:31

Instrument :

BNA_G

ClientSampleId :

OR-03-120122

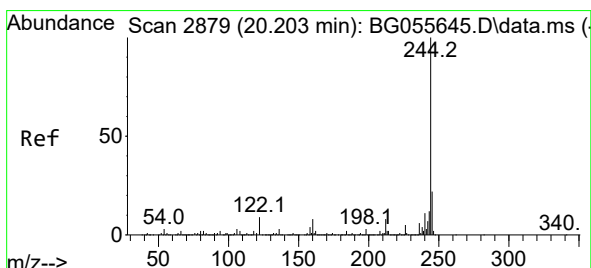
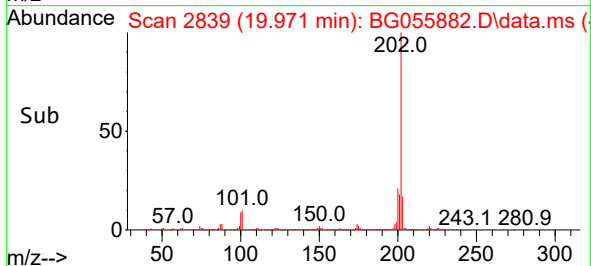
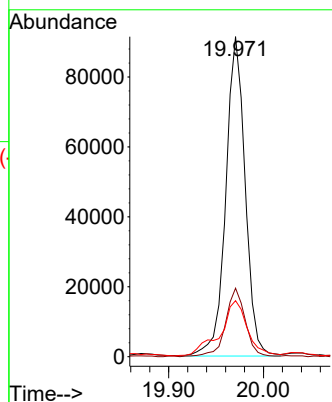
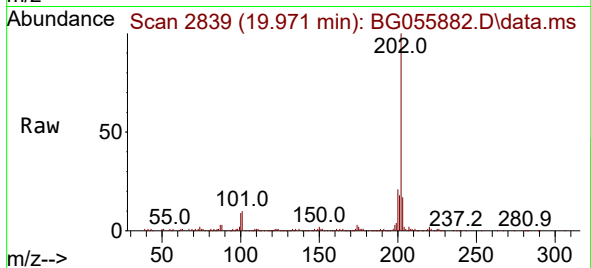
Tgt Ion:202 Resp: 130125

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

203 17.5 14.4 21.6



#79

Terphenyl-d14

Concen: 11.290 ng

RT: 20.153 min Scan# 2870

Delta R.T. -0.009 min

Lab File: BG055882.D

Acq: 2 Dec 2022 20:31

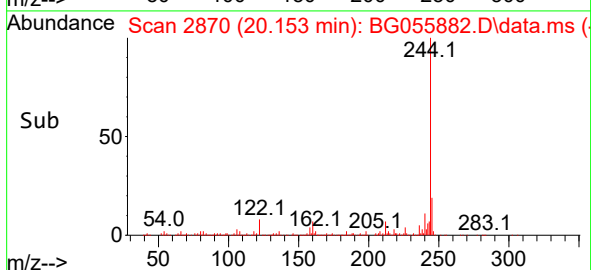
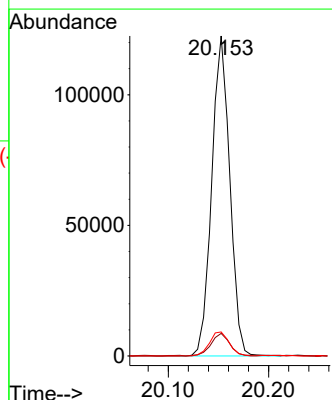
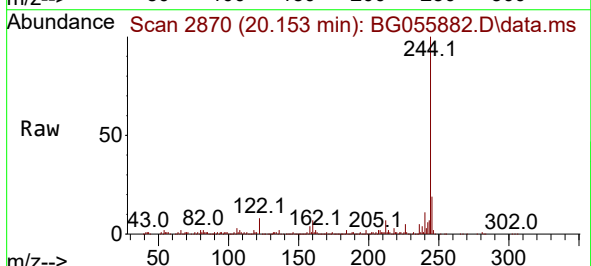
Tgt Ion:244 Resp: 153323

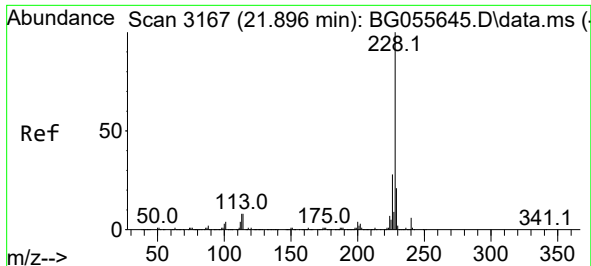
Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

122 7.5 6.9 10.3

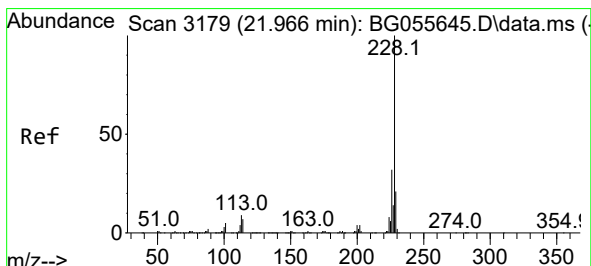
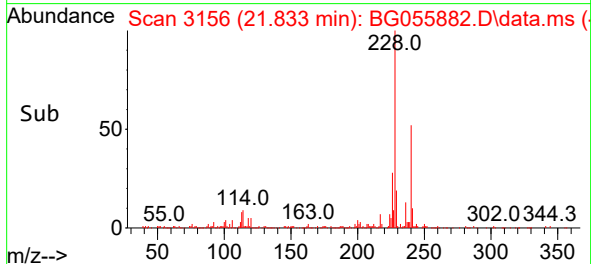
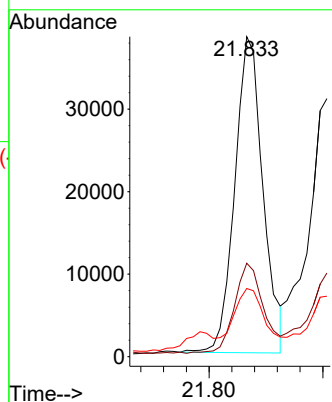
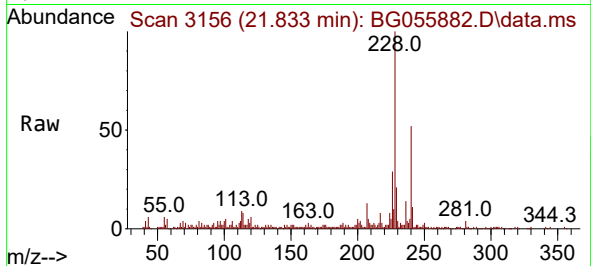




#81
Benzo(a)anthracene
Concen: 3.520 ng
RT: 21.833 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

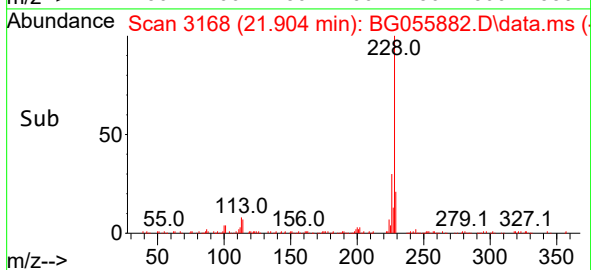
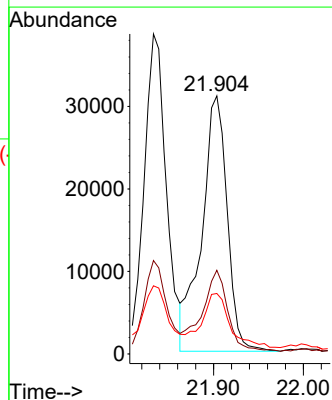
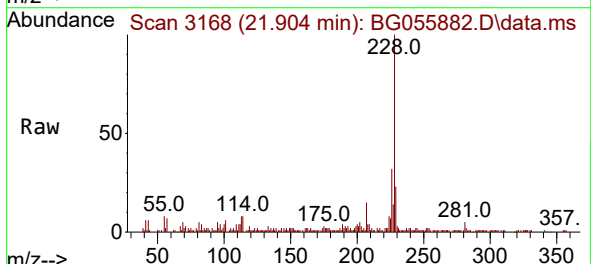
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

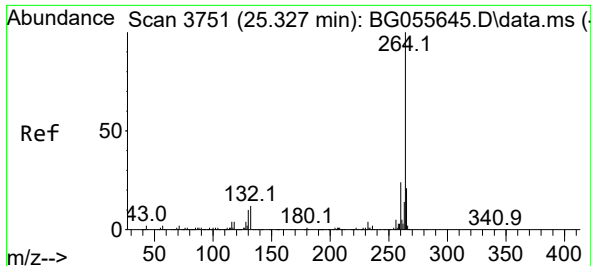
Tgt Ion:228 Resp: 65846
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.3 16.5 24.7



#83
Chrysene
Concen: 3.424 ng
RT: 21.904 min Scan# 3168
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:228 Resp: 60989
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.2
229 23.4 17.1 25.7

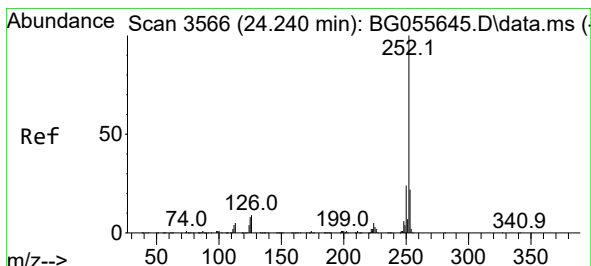
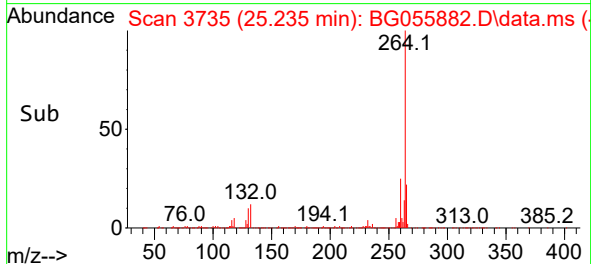
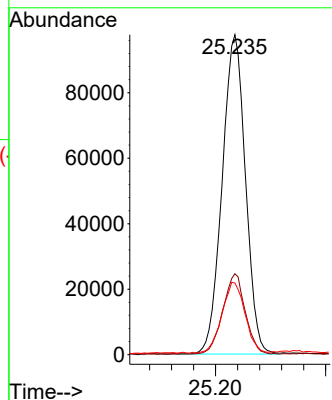
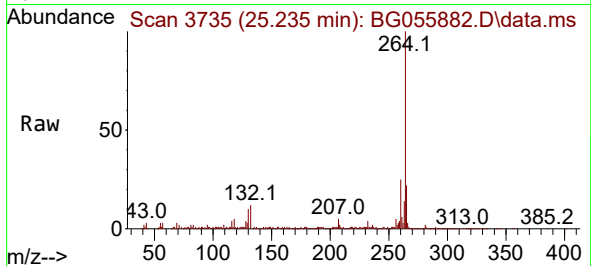




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.235 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

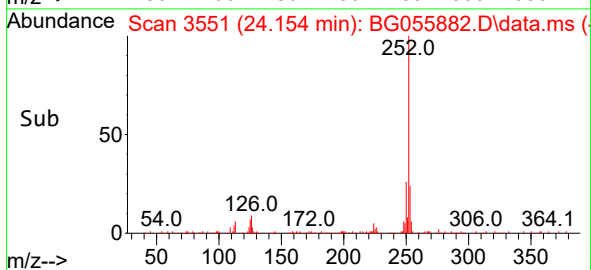
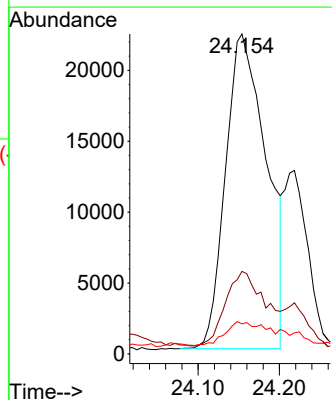
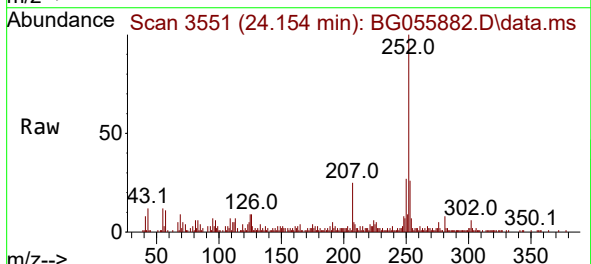
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

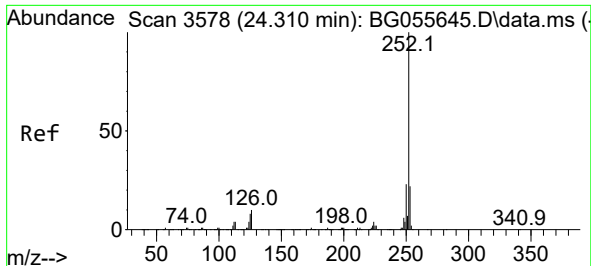
Tgt Ion:264 Resp: 286530
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 22.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 4.156 ng
RT: 24.154 min Scan# 3551
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:252 Resp: 77554
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 9.4 6.2 9.2#

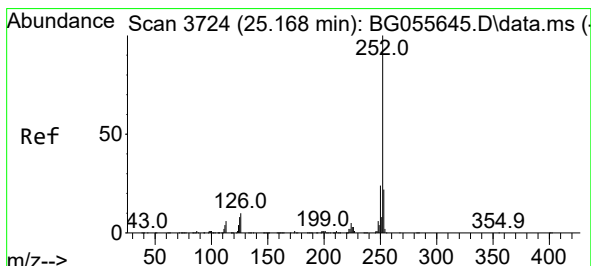
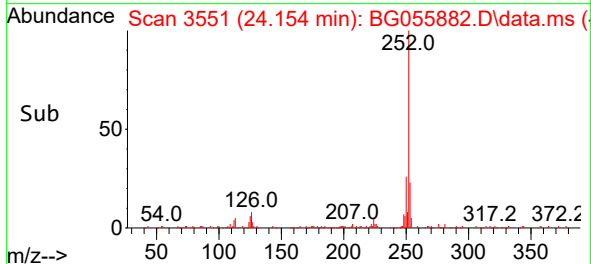
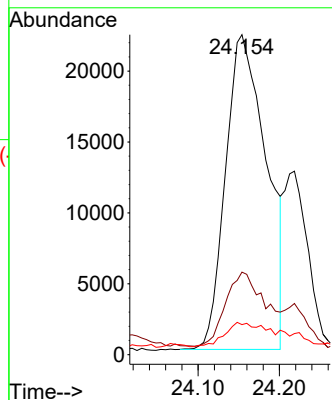
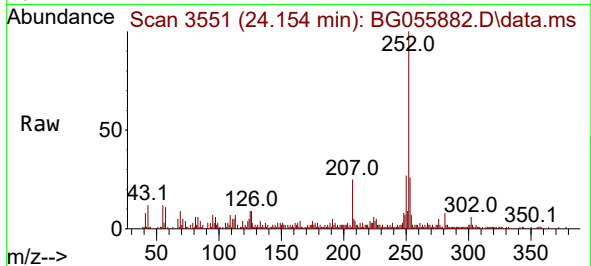




#89
Benzo(k)fluoranthene
Concen: 4.169 ng
RT: 24.154 min Scan# 31
Delta R.T. -0.086 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Instrument :
BNA_G
ClientSampleId :
OR-03-120122

Tgt Ion:252 Resp: 77554
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.6
125 9.4 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 3.830 ng
RT: 25.070 min Scan# 3707
Delta R.T. -0.021 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:252 Resp: 61323
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.6
125 9.8 6.4 9.6#

