

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055428.D
 Acq On : 3 Nov 2022 00:02
 Operator : CG/JU
 Sample : N5395-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122

Quant Time: Nov 03 06:13:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

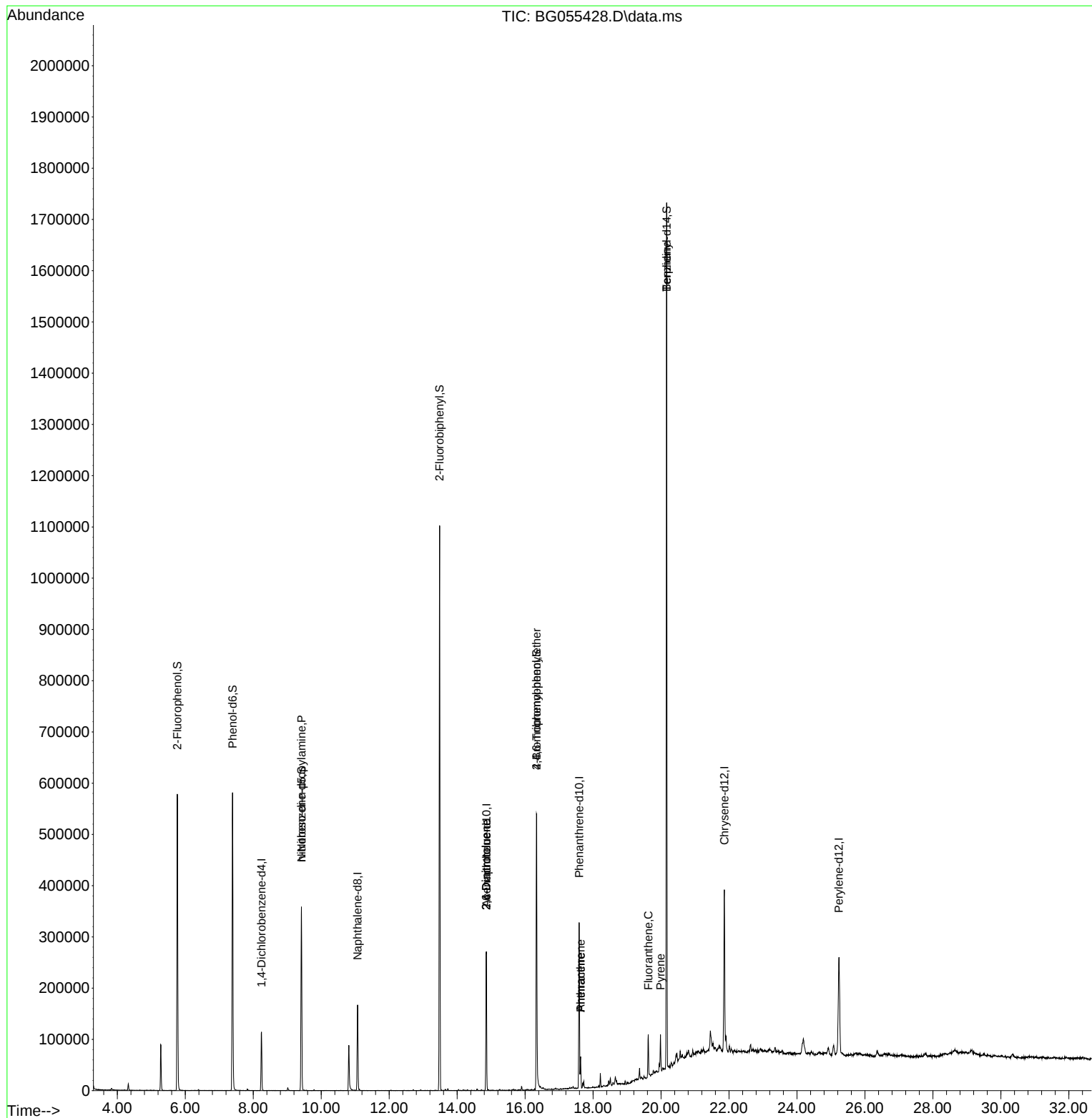
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	35648	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	150990	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	100621	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	208671	20.000	ng	0.00
76) Chrysene-d12	21.863	240	199572	20.000	ng	0.00
86) Perylene-d12	25.235	264	218397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	283112	142.624	ng	0.00
7) Phenol-d6	7.391	99	364782	132.517	ng	0.00
23) Nitrobenzene-d5	9.418	82	226774	80.044	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	134921	98.304	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	571078	84.149	ng	0.00
79) Terphenyl-d14	20.165	244	841156	81.958	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.418	70	29733	13.823	ng	# 81
51) 2,6-Dinitrotoluene	14.853	165	12859	7.313	ng	# 27
57) 2,4-Dinitrotoluene	14.853	165	12859	5.115	ng	# 25
67) 4-Bromophenyl-phenylether	16.340	248	8502	3.447	ng	# 1
71) Phenanthrene	17.632	178	39215	3.341	ng	98
72) Anthracene	17.632	178	39215	3.409	ng	99
75) Fluoranthene	19.624	202	53602	3.797	ng	99
77) Benzidine	20.165	184	12211	2.939	ng	# 92
78) Pyrene	19.982	202	45728	3.248	ng	99

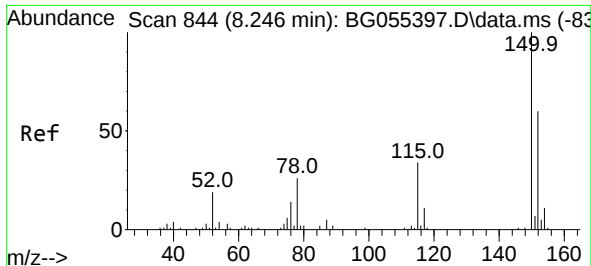
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
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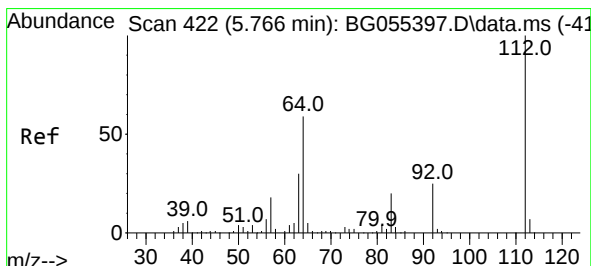
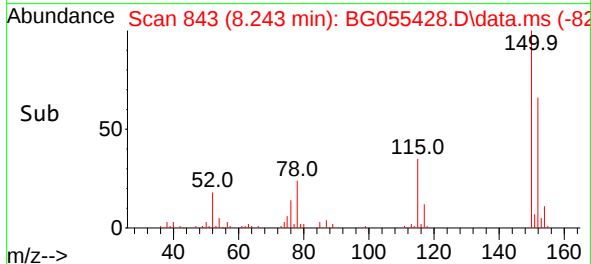
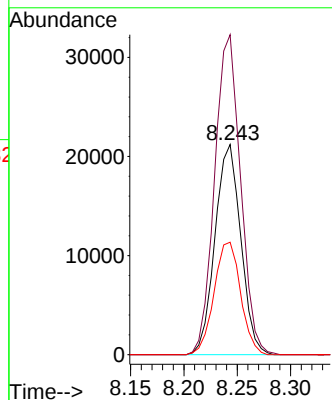
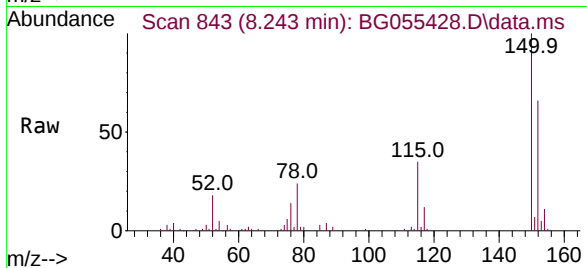




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 844
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

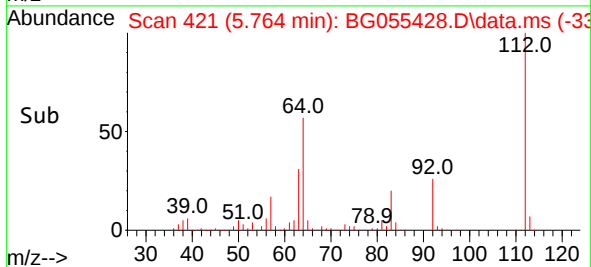
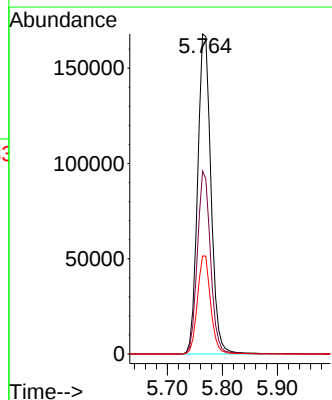
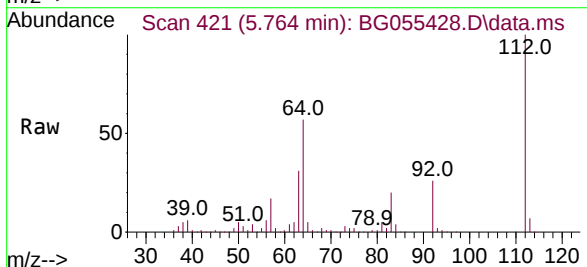
Instrument :
BNA_G
ClientSampleId :
S-7-103122

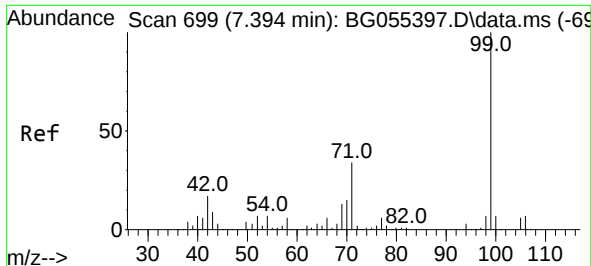
Tgt Ion:152 Resp: 35648
Ion Ratio Lower Upper
152 100
150 152.2 132.8 199.2
115 53.5 45.1 67.7



#5
2-Fluorophenol
Concen: 142.624 ng
RT: 5.764 min Scan# 421
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:112 Resp: 283112
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 30.6 24.3 36.5

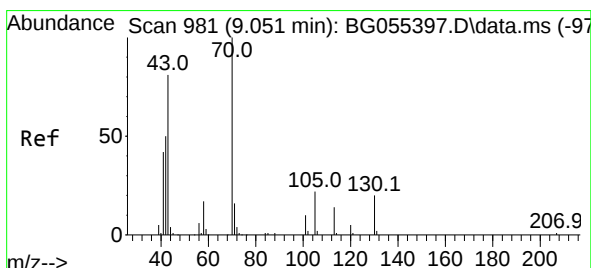
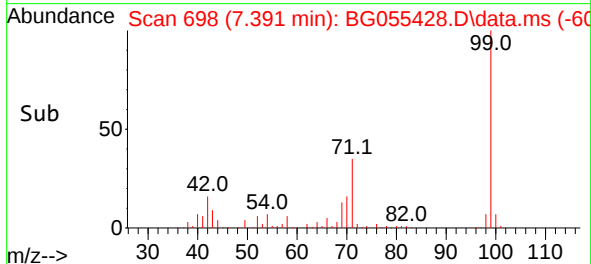
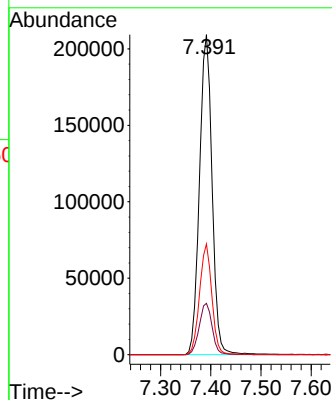
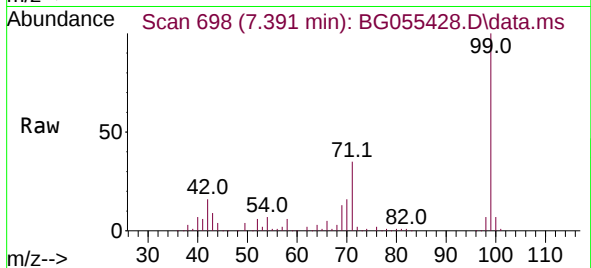




#7
Phenol-d6
Concen: 132.517 ng
RT: 7.391 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

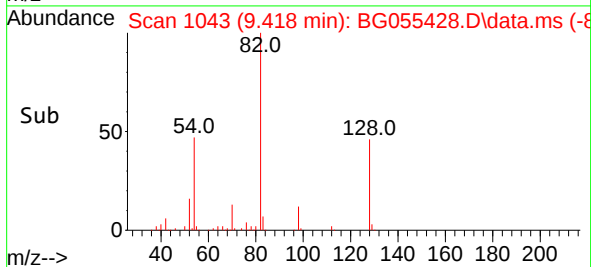
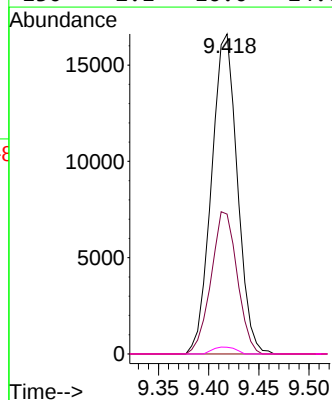
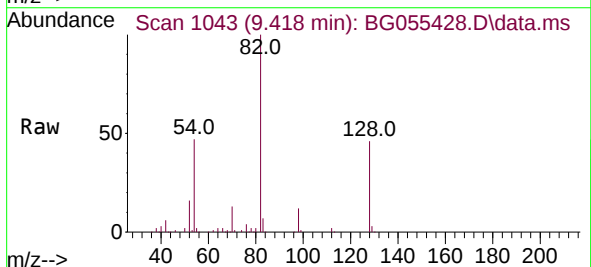
Instrument :
BNA_G
ClientSampleId :
S-7-103122

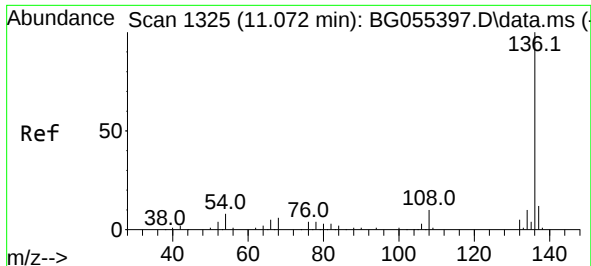
Tgt Ion: 99 Resp: 364782
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 34.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.823 ng
RT: 9.418 min Scan# 1043
Delta R.T. 0.367 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion: 70 Resp: 29733
Ion Ratio Lower Upper
70 100
42 43.7 40.6 61.0
101 0.0 7.8 11.6#
130 2.1 16.0 24.0#



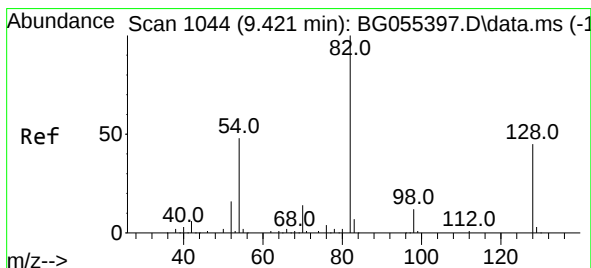
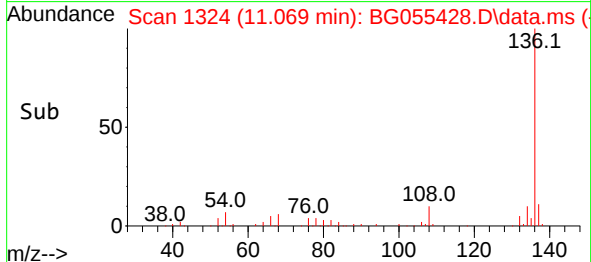
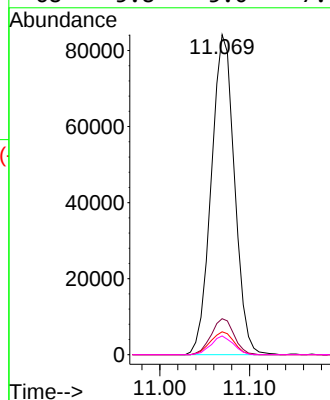
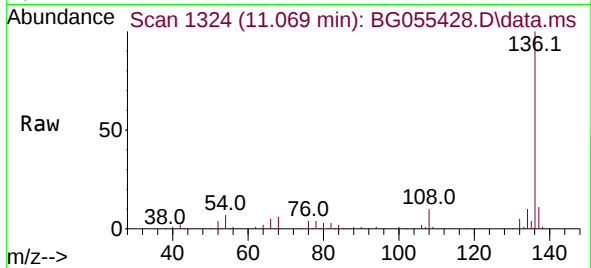


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Instrument :
BNA_G
ClientSampleId :
S-7-103122

Tgt Ion:136 Resp: 150990

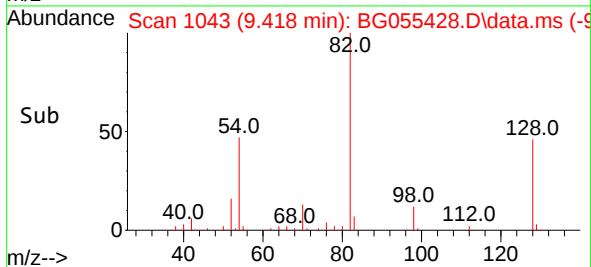
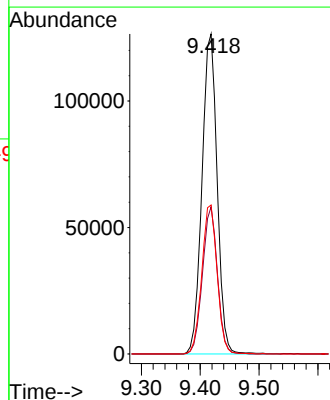
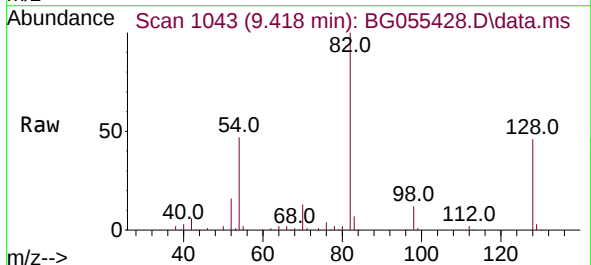
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	7.1	6.1	9.1
68	5.8	5.0	7.4

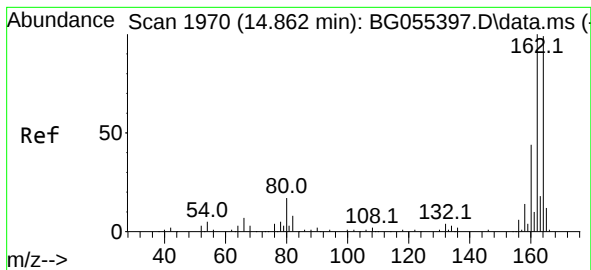


#23
Nitrobenzene-d5
Concen: 80.044 ng
RT: 9.418 min Scan# 1043
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion: 82 Resp: 226774

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.8	53.8
54	46.5	38.1	57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

Instrument :

BNA_G

ClientSampleId :

S-7-103122

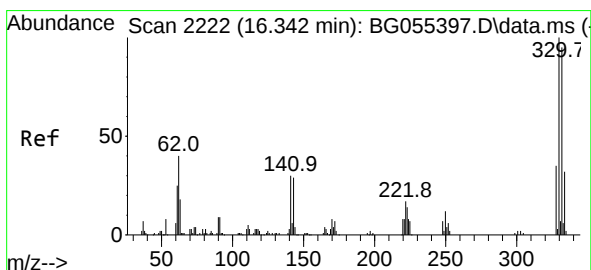
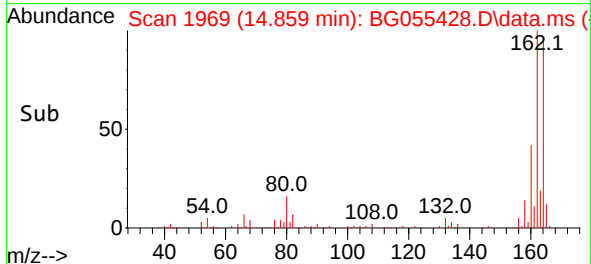
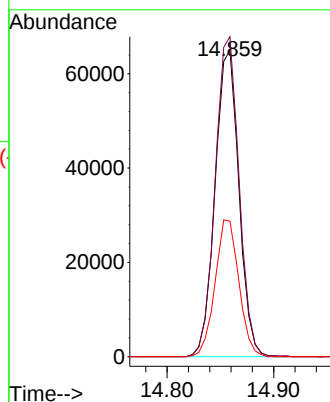
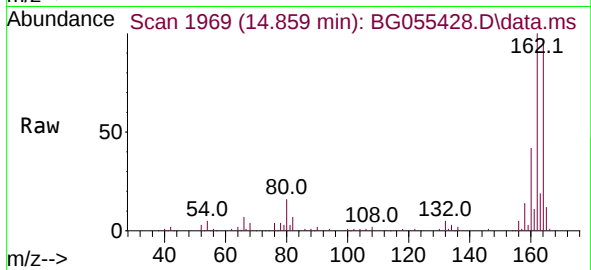
Tgt Ion:164 Resp: 100621

Ion Ratio Lower Upper

164 100

162 104.4 81.1 121.7

160 44.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 98.304 ng

RT: 16.340 min Scan# 2221

Delta R.T. -0.003 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

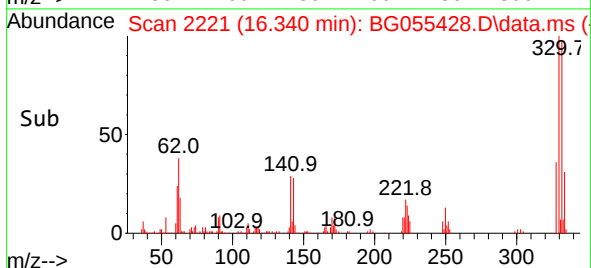
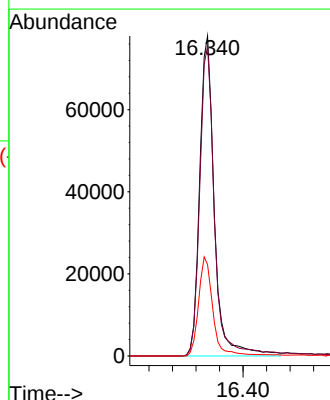
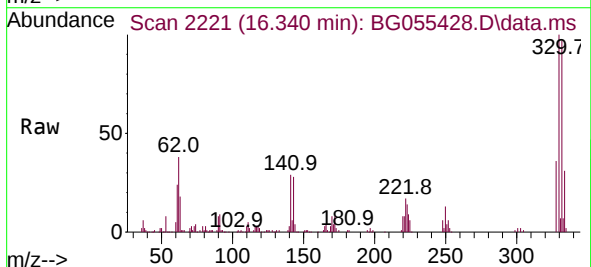
Tgt Ion:330 Resp: 134921

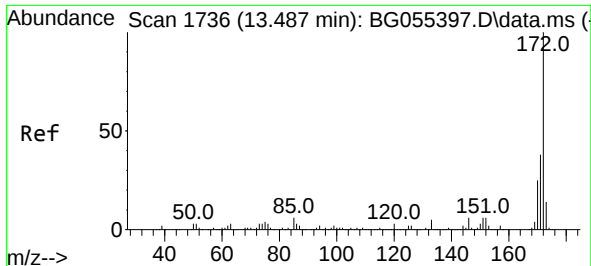
Ion Ratio Lower Upper

330 100

332 98.9 77.8 116.6

141 30.4 24.2 36.2

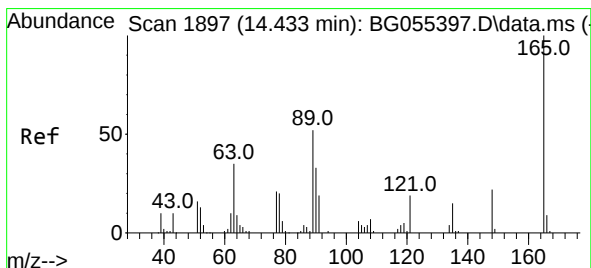
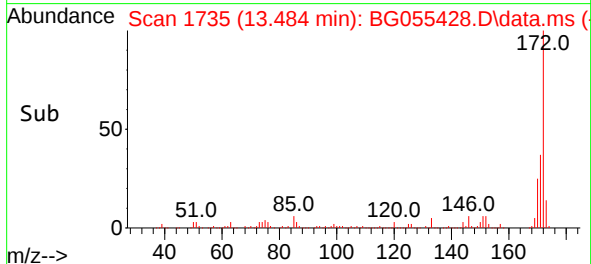
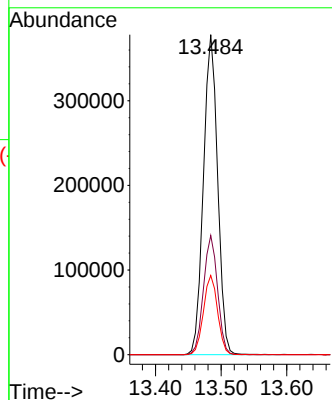
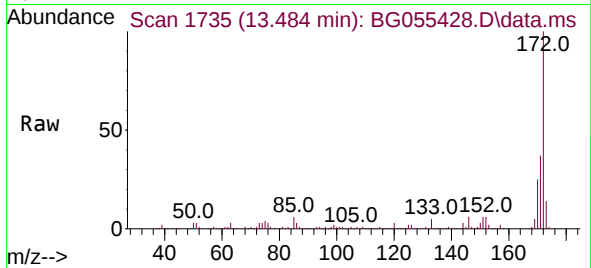




#45
2-Fluorobiphenyl
Concen: 84.149 ng
RT: 13.484 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

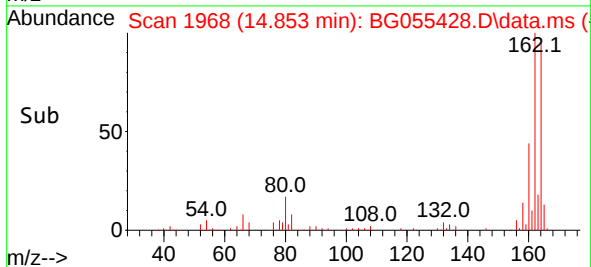
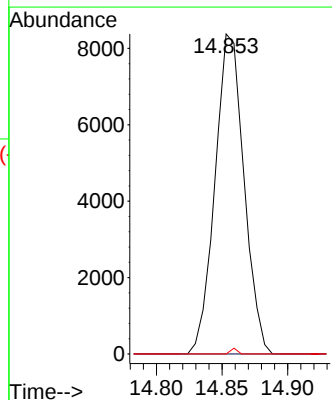
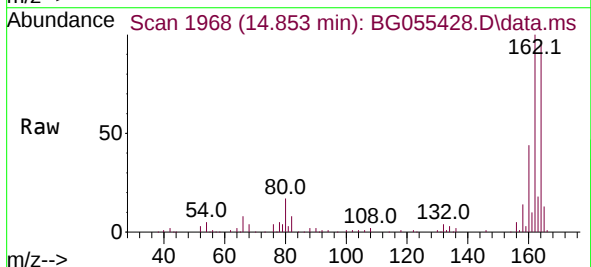
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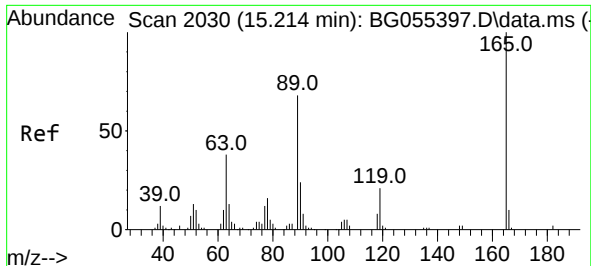
Tgt Ion:172 Resp: 571078
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 14.853 min Scan# 1968
Delta R.T. 0.420 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:165 Resp: 12859
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.115 ng

RT: 14.853 min Scan# 1968

Delta R.T. -0.361 min

Lab File: BG055428.D

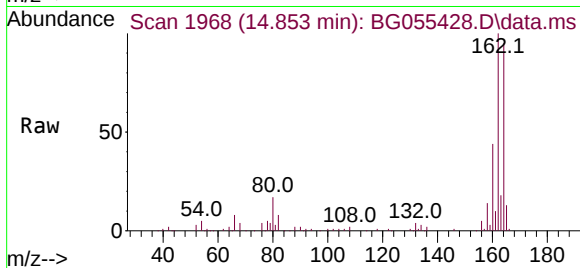
Acq: 3 Nov 2022 00:02

Instrument :

BNA_G

ClientSampleId :

S-7-103122



Tgt Ion:165 Resp: 12859

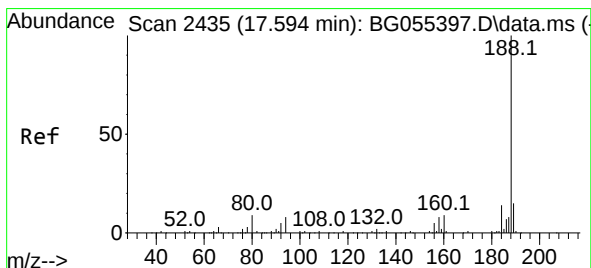
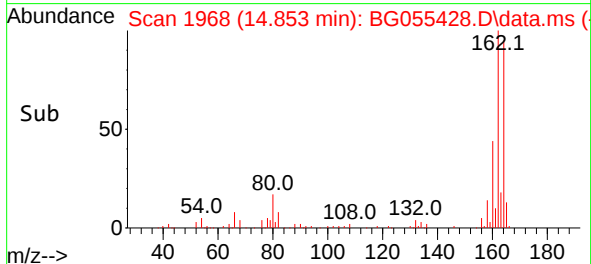
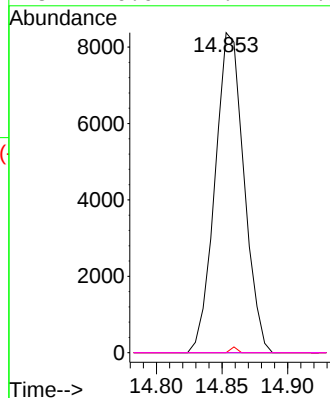
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.591 min Scan# 2434

Delta R.T. -0.003 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

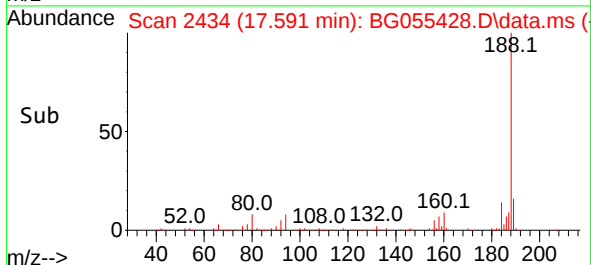
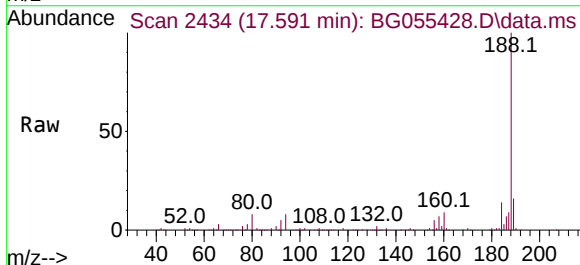
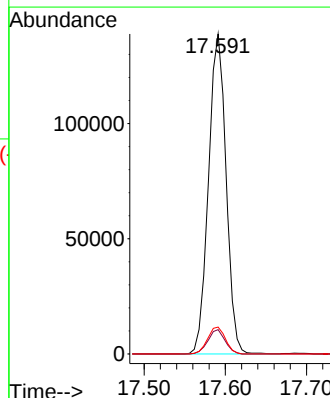
Tgt Ion:188 Resp: 208671

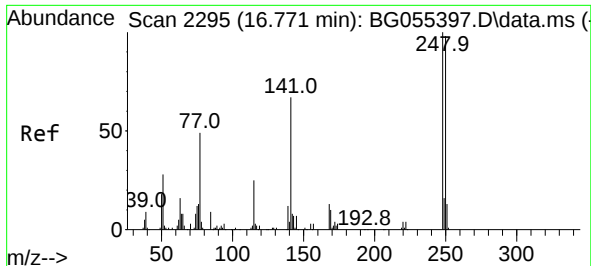
Ion Ratio Lower Upper

188 100

94 7.6 6.5 9.7

80 8.4 7.4 11.0

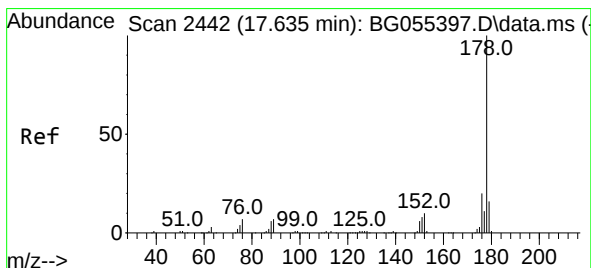
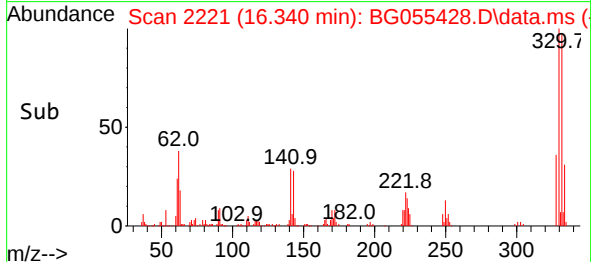
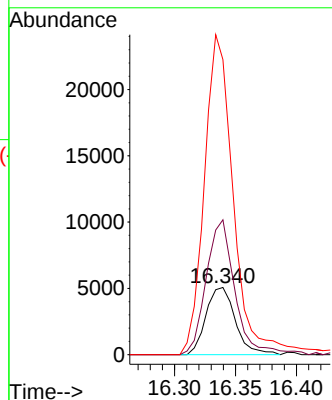
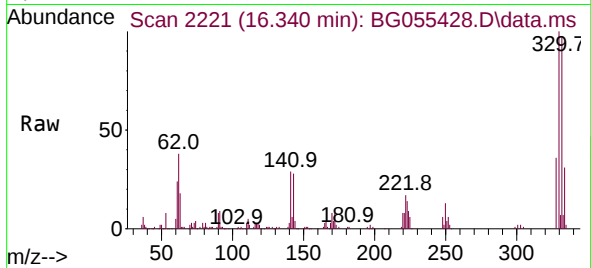




#67
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

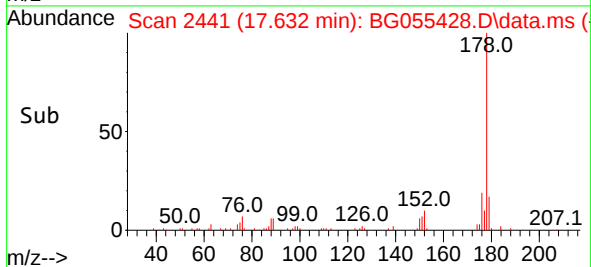
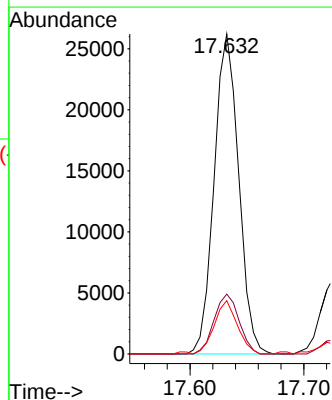
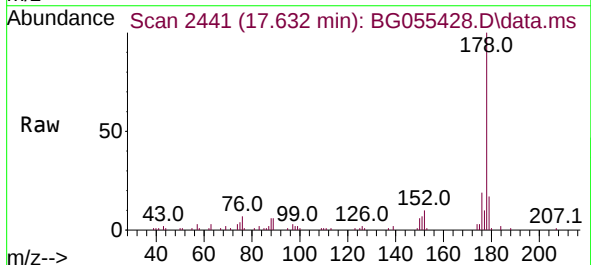
Instrument :
BNA_G
ClientSampleId :
S-7-103122

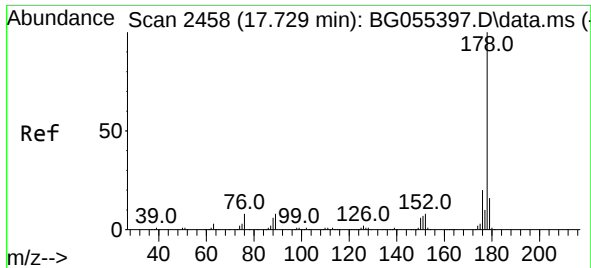
Tgt Ion:248 Resp: 8502
Ion Ratio Lower Upper
248 100
250 200.9 78.3 117.5#
141 439.6 53.7 80.5#



#71
Phenanthrene
Concen: 3.341 ng
RT: 17.632 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:178 Resp: 39215
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 16.7 12.7 19.1

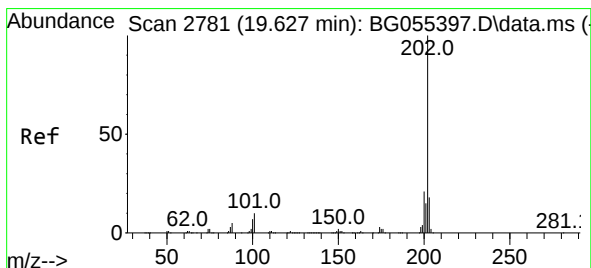
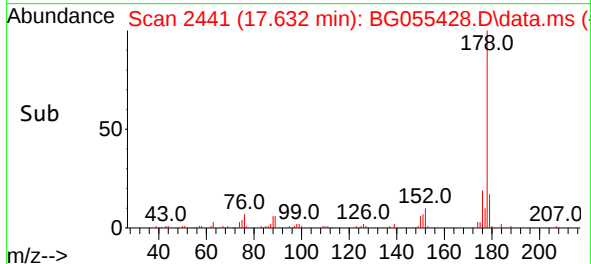
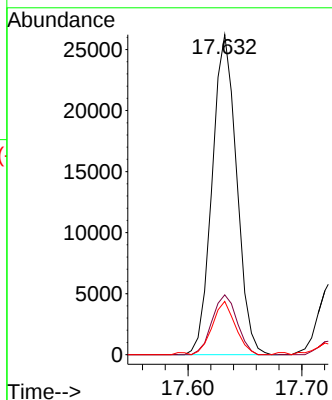
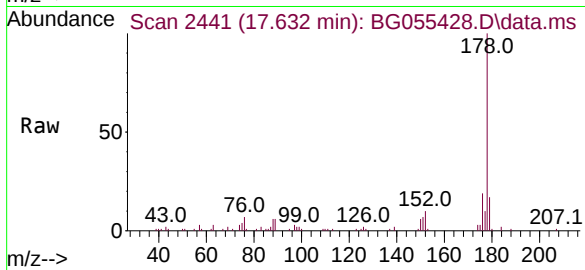




#72
 Anthracene
 Concen: 3.409 ng
 RT: 17.632 min Scan# 2458
 Delta R.T. -0.097 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

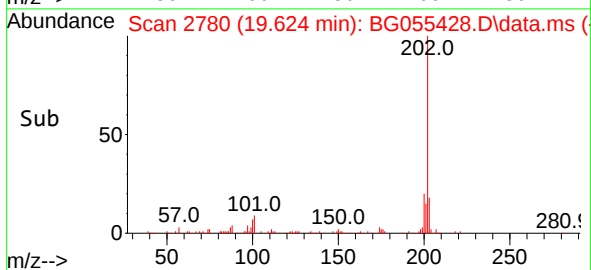
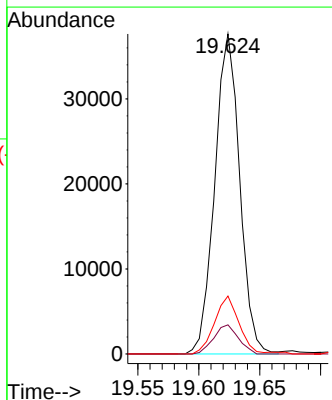
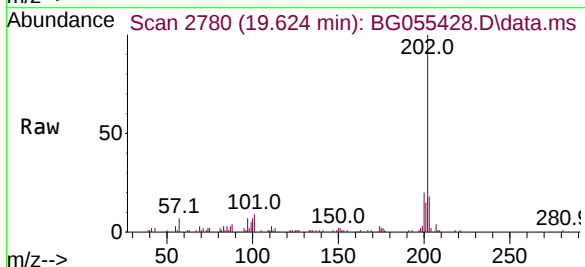
Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122

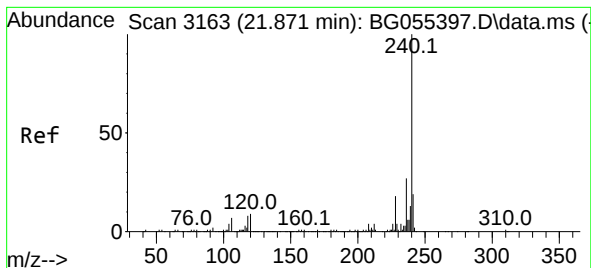
Tgt Ion:178 Resp: 39215
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 16.7 13.0 19.6



#75
 Fluoranthene
 Concen: 3.797 ng
 RT: 19.624 min Scan# 2780
 Delta R.T. -0.003 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

Tgt Ion:202 Resp: 53602
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 29.8
 203 18.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.863 min Scan# 3163

Delta R.T. -0.009 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

Instrument :

BNA_G

ClientSampleId :

S-7-103122

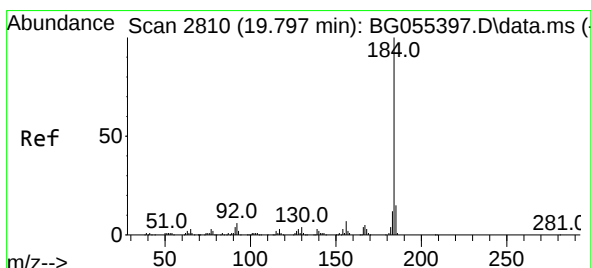
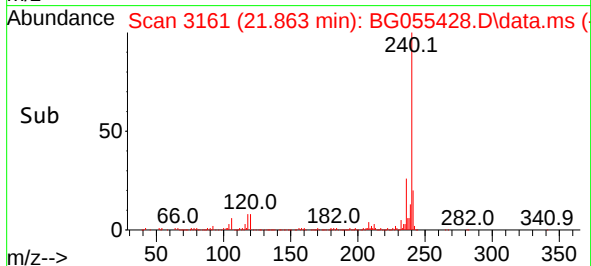
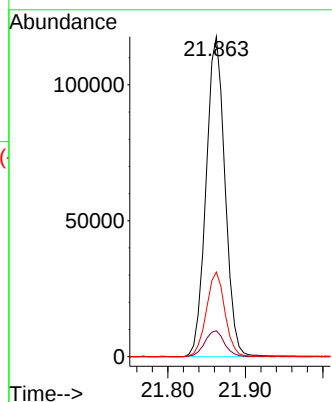
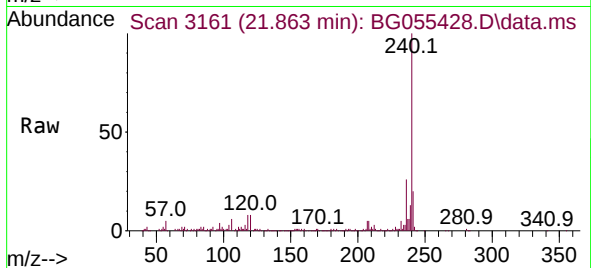
Tgt Ion:240 Resp: 199572

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 26.4 21.5 32.3



#77

Benzidine

Concen: 2.939 ng

RT: 20.165 min Scan# 2872

Delta R.T. 0.367 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

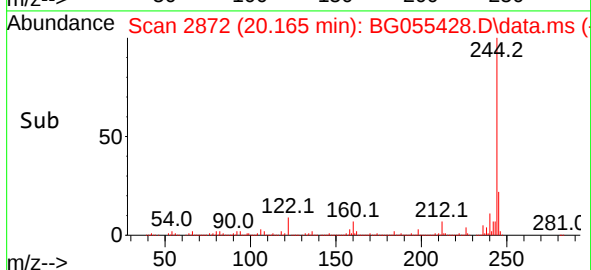
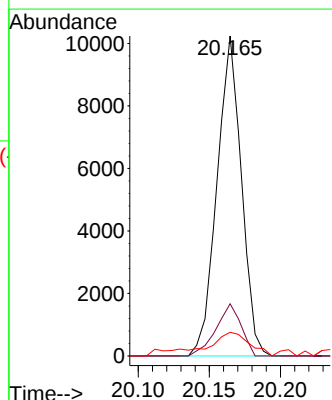
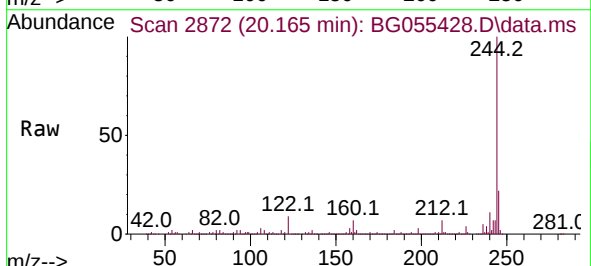
Tgt Ion:184 Resp: 12211

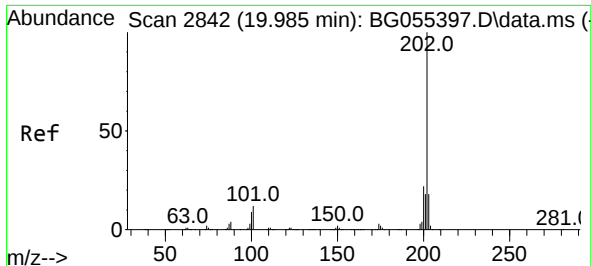
Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

183 7.4 9.8 14.8#

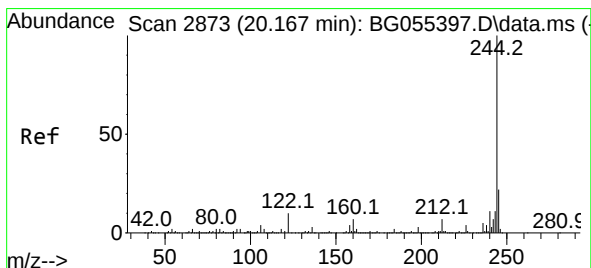
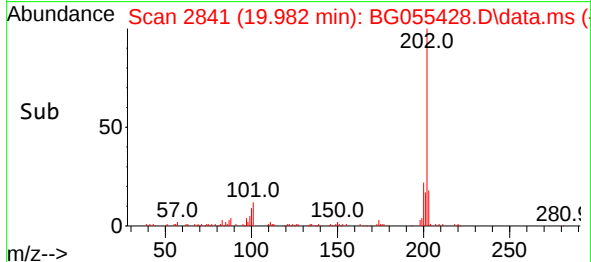
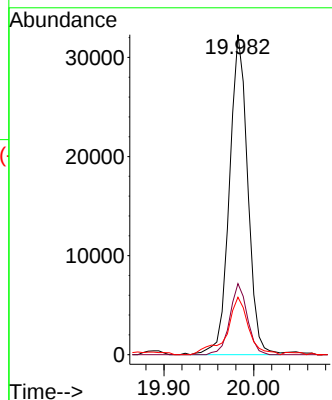
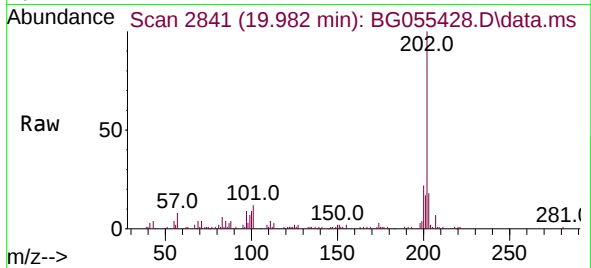




#78
Pyrene
Concen: 3.248 ng
RT: 19.982 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

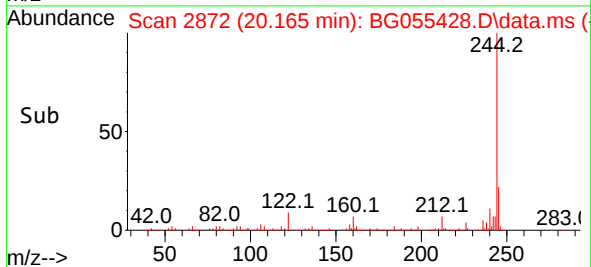
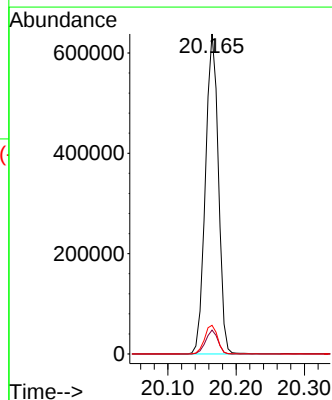
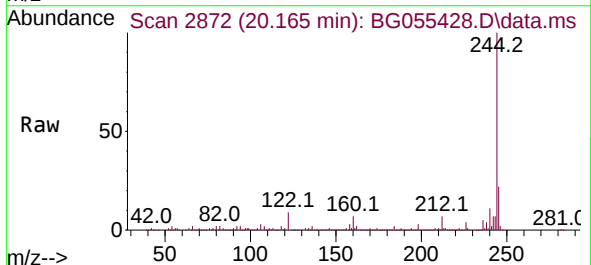
Instrument :
BNA_G
ClientSampleId :
S-7-103122

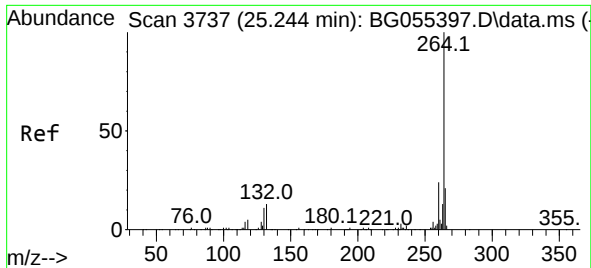
Tgt Ion:202 Resp: 45728
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.0 14.7 22.1



#79
Terphenyl-d14
Concen: 81.958 ng
RT: 20.165 min Scan# 2872
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

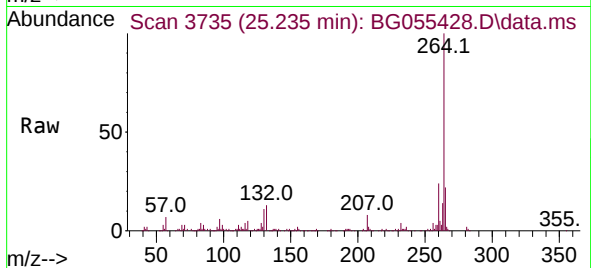
Tgt Ion:244 Resp: 841156
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.0 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122



Tgt Ion:264 Resp: 218397
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.1 25.7

