

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055614.D
 Acq On : 14 Nov 2022 21:29
 Operator : CG/JU
 Sample : N5531-12RX
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28A

Quant Time: Nov 15 01:06:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

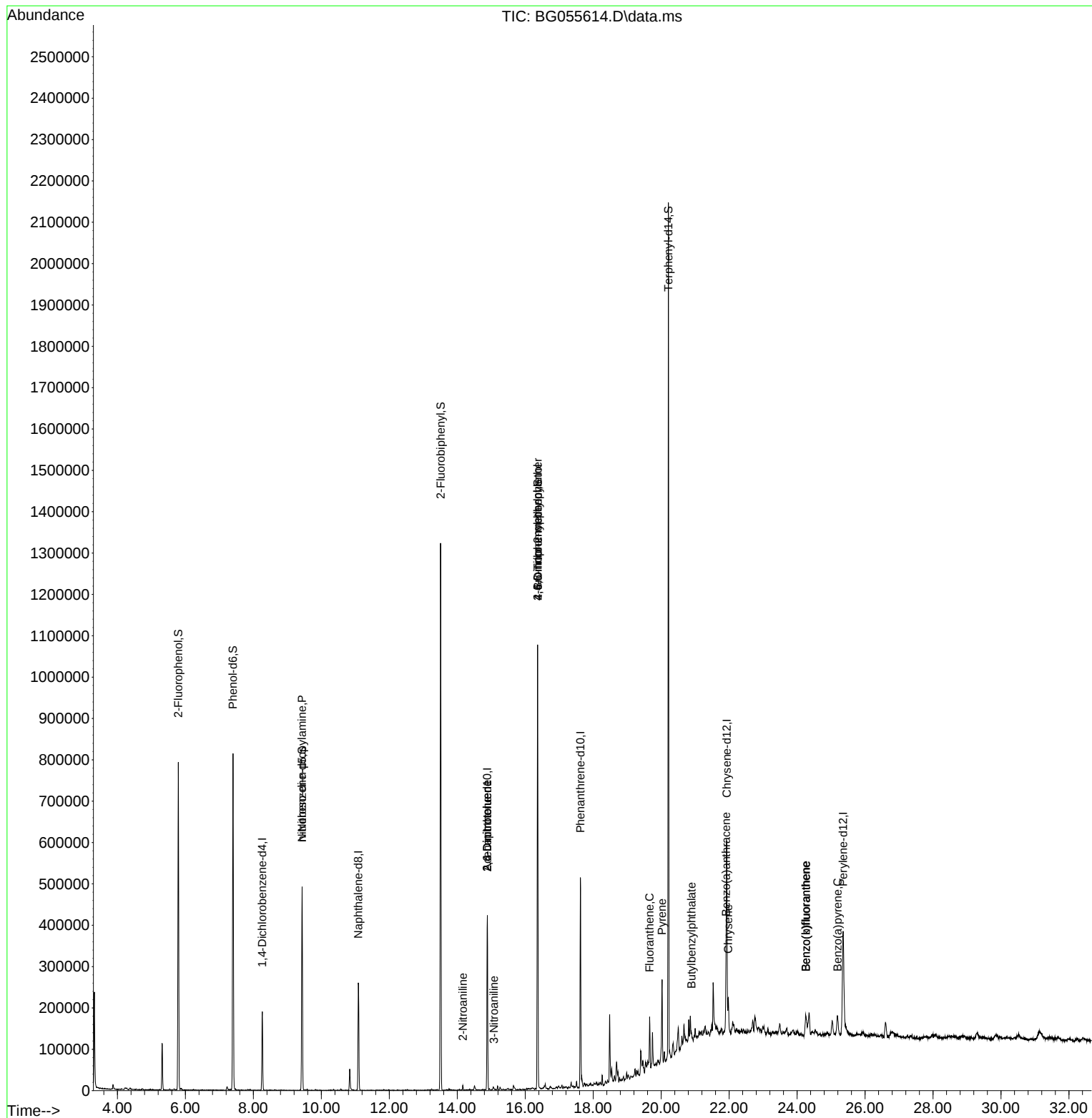
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	54849	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	228181	20.000	ng	-0.01
39) Acenaphthene-d10	14.886	164	156916	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	326489	20.000	ng	0.00
76) Chrysene-d12	21.931	240	296360	20.000	ng	0.00
86) Perylene-d12	25.356	264	314539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	334532	116.172	ng	0.00
7) Phenol-d6	7.401	99	443788	111.568	ng	0.00
23) Nitrobenzene-d5	9.434	82	285564	84.840	ng	-0.01
42) 2,4,6-Tribromophenol	16.367	330	218482	142.702	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	697157	67.016	ng	0.00
79) Terphenyl-d14	20.215	244	994529	67.403	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	39117	11.899	ng	# 78
48) 2-Nitroaniline	14.163	65	269	3.895	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	20181	12.148	ng	# 22
53) 3-Nitroaniline	15.080	138	324	3.897	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	20181	10.362	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.367	198	511	2.541	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	14136	4.244	ng	# 1
75) Fluoranthene	19.663	202	70679	3.378	ng	99
78) Pyrene	20.027	202	125743	6.269	ng	98
80) Butylbenzylphthalate	20.897	149	623	3.440	ng	# 66
81) Benzo(a)anthracene	21.907	228	65263	3.215	ng	97
83) Chrysene	21.972	228	68710	3.560	ng	97
88) Benzo(b)fluoranthene	24.263	252	70709	3.548	ng	# 97
89) Benzo(k)fluoranthene	24.263	252	70709	3.470	ng	# 97
90) Benzo(a)pyrene	25.192	252	65560	3.819	ng	# 93

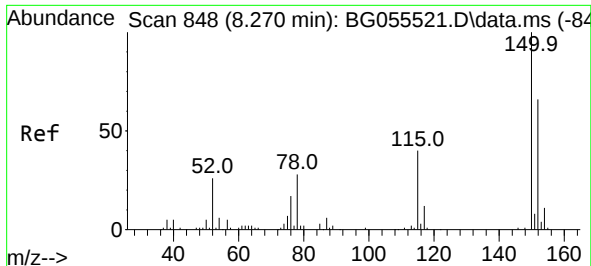
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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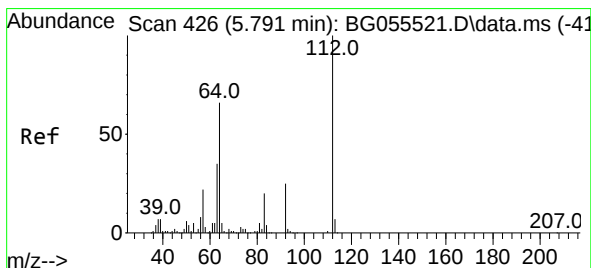
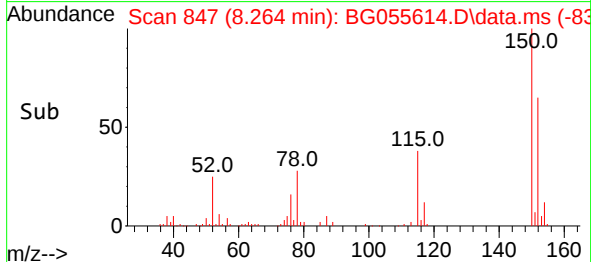
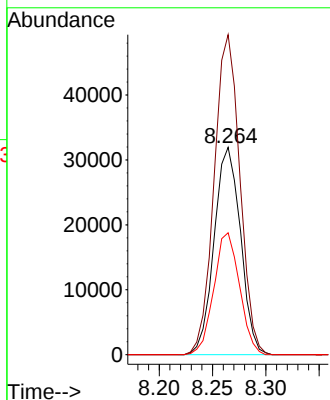
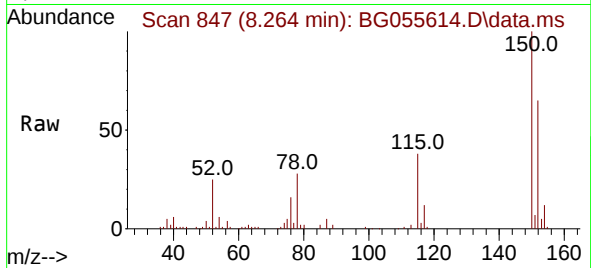




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 848
Delta R.T. -0.006 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

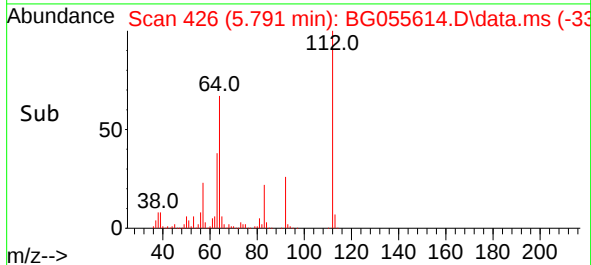
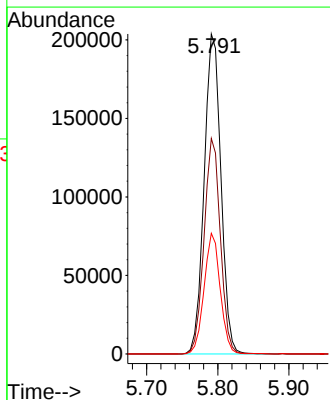
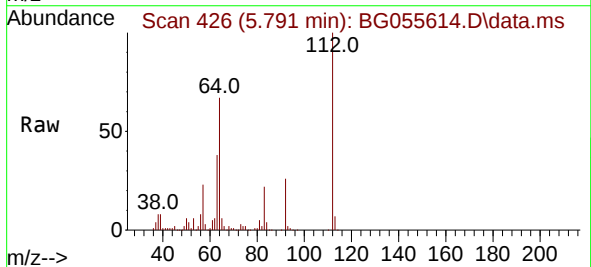
Instrument :
BNA_G
ClientSampleId :
SB-28A

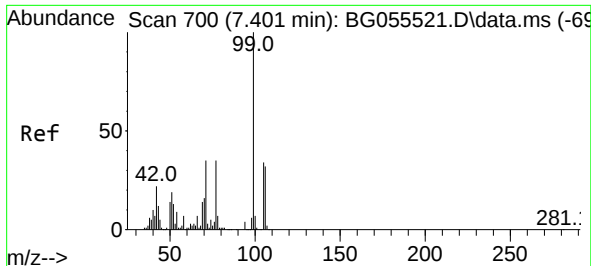
Tgt Ion:152 Resp: 54849
Ion Ratio Lower Upper
152 100
150 154.4 121.0 181.4
115 58.8 47.8 71.8



#5
2-Fluorophenol
Concen: 116.172 ng
RT: 5.791 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:112 Resp: 334532
Ion Ratio Lower Upper
112 100
64 67.4 52.6 78.8
63 37.7 28.3 42.5

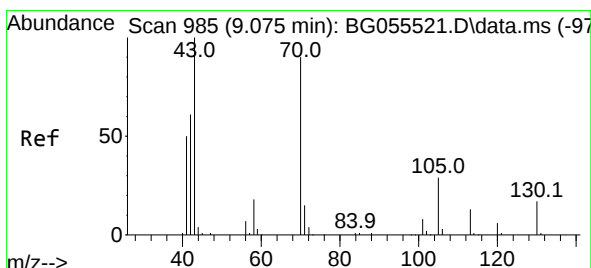
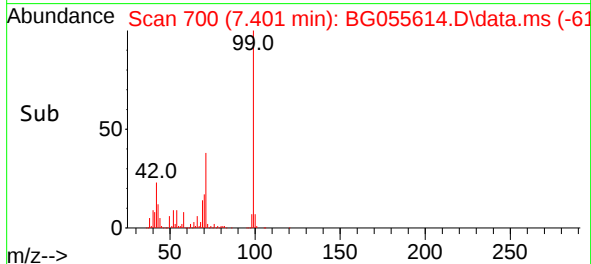
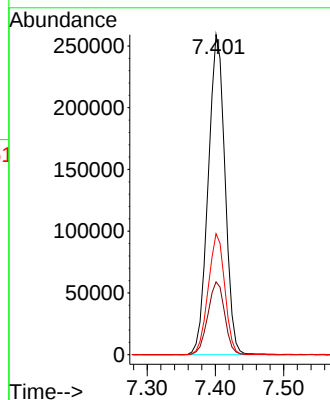
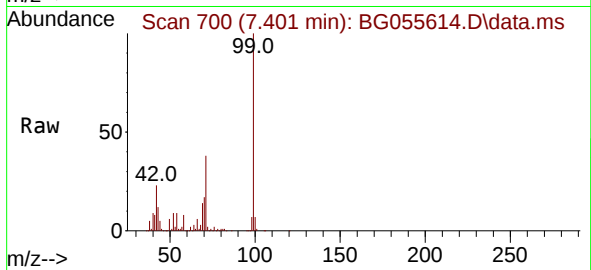




#7
Phenol-d6
Concen: 111.568 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

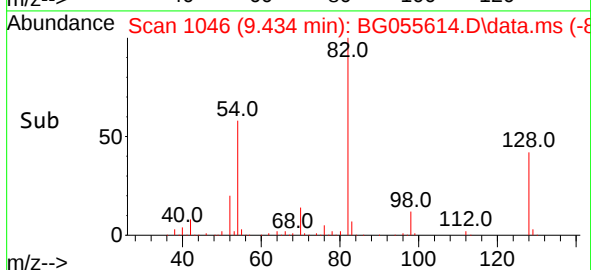
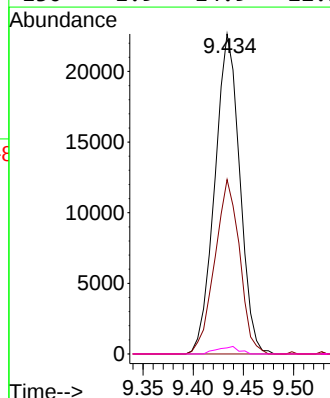
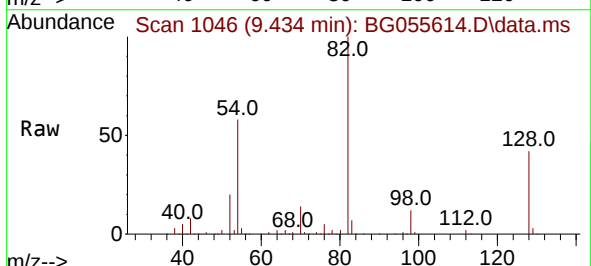
Instrument :
BNA_G
ClientSampleId :
SB-28A

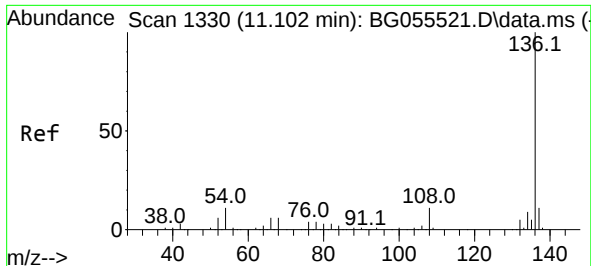
Tgt Ion: 99 Resp: 443788
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 37.8 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.899 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.359 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion: 70 Resp: 39117
Ion Ratio Lower Upper
70 100
42 54.5 54.8 82.2#
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#

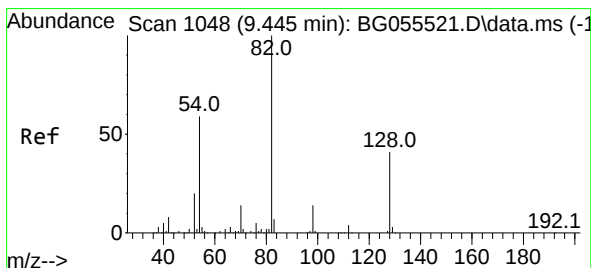
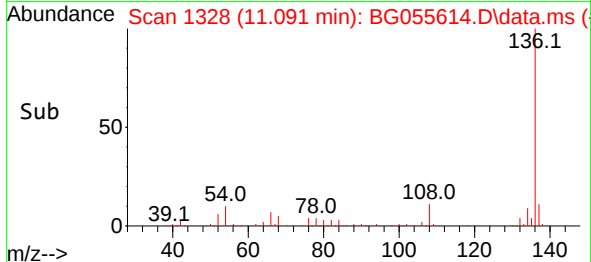
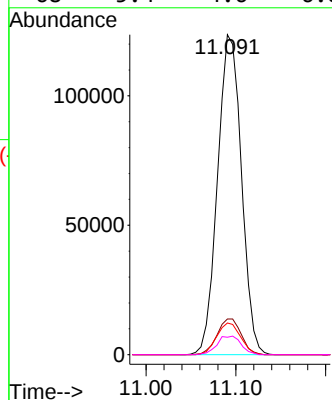
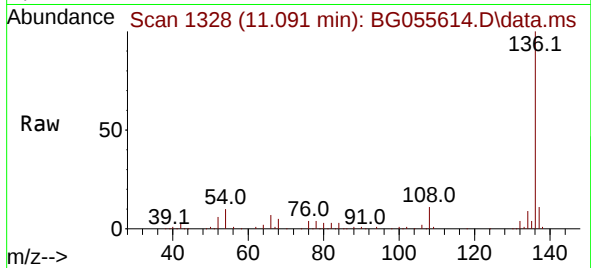




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

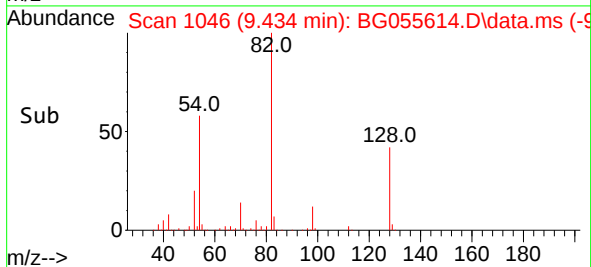
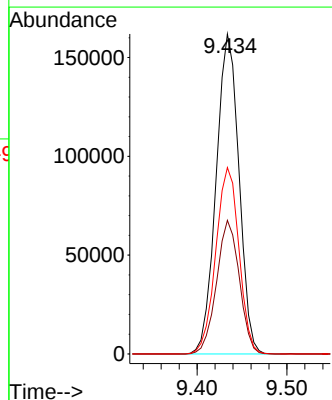
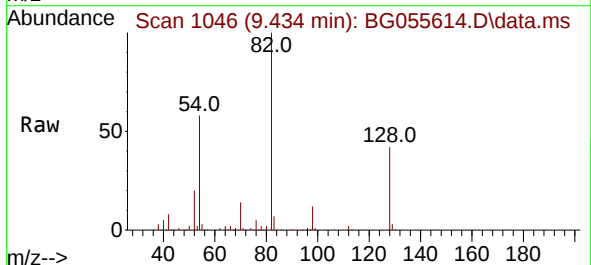
Instrument :
BNA_G
ClientSampleId :
SB-28A

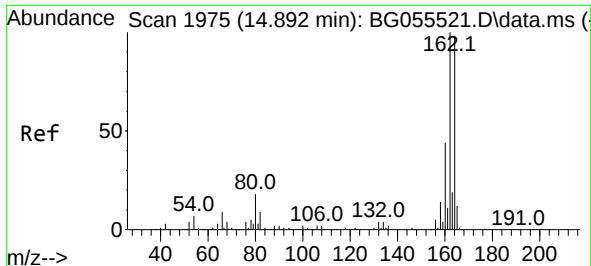
Tgt Ion:	136	Resp:	228181
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	9.9	8.6	12.8
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 84.840 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:	82	Resp:	285564
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.6	49.0
54	58.3	47.3	70.9

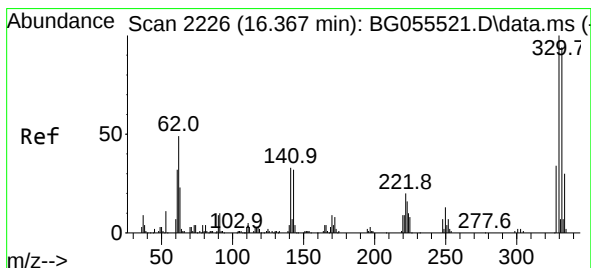
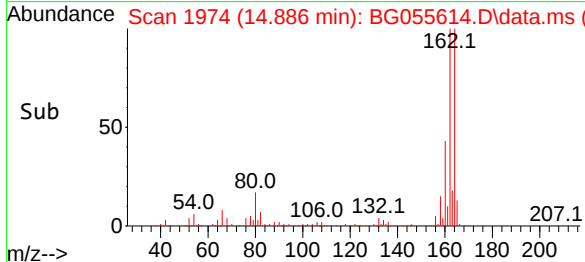
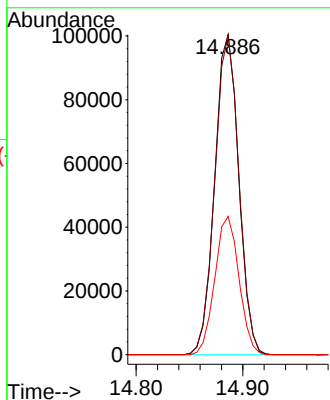
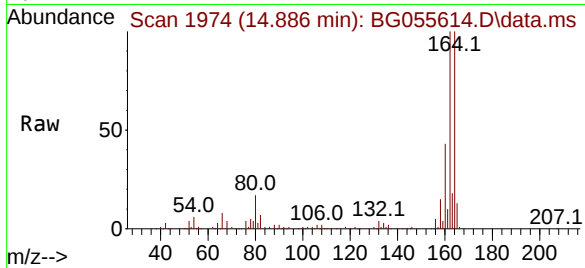




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

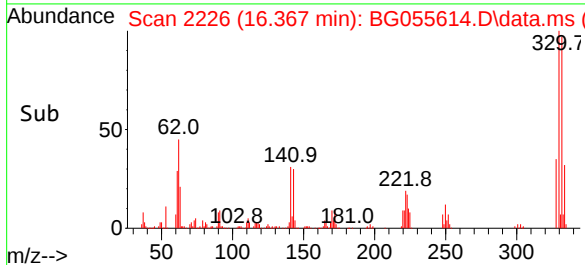
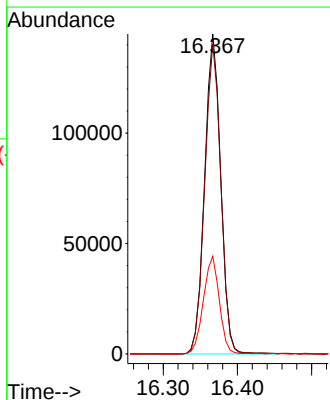
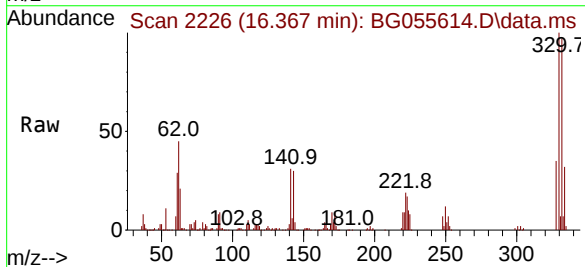
Instrument :
BNA_G
ClientSampleId :
SB-28A

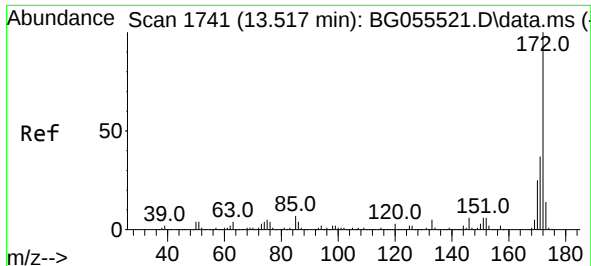
Tgt Ion:164 Resp: 156916
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 43.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 142.702 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:330 Resp: 218482
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 30.4 25.4 38.2

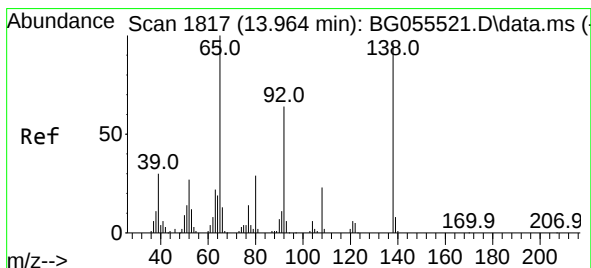
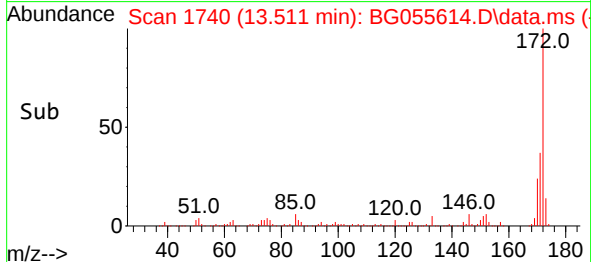
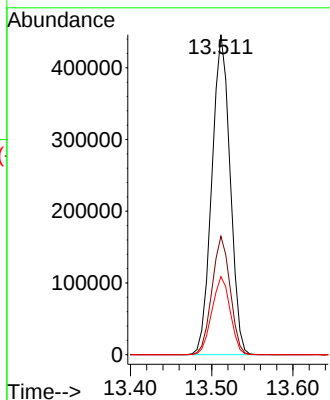
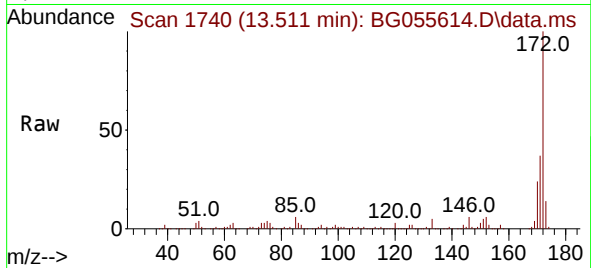




#45
2-Fluorobiphenyl
Concen: 67.016 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

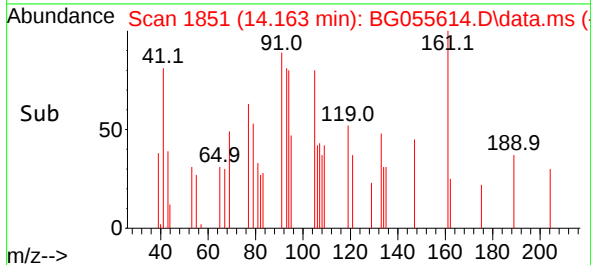
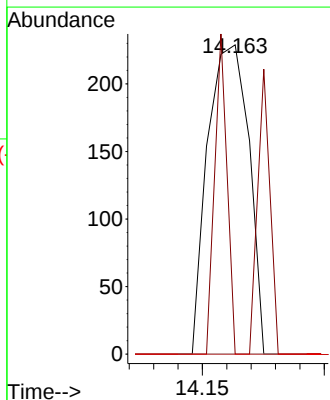
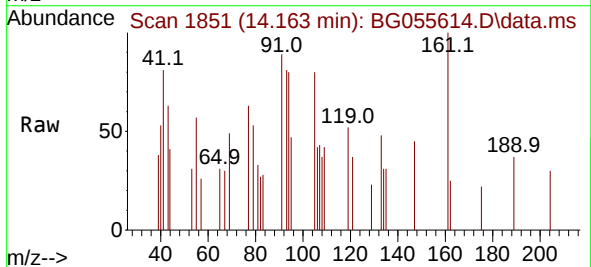
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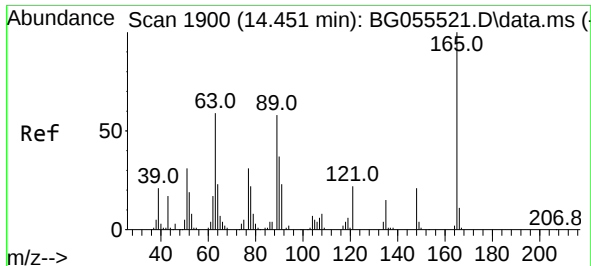
Tgt Ion:172 Resp: 697157
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 3.895 ng
RT: 14.163 min Scan# 1851
Delta R.T. 0.199 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion: 65 Resp: 269
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

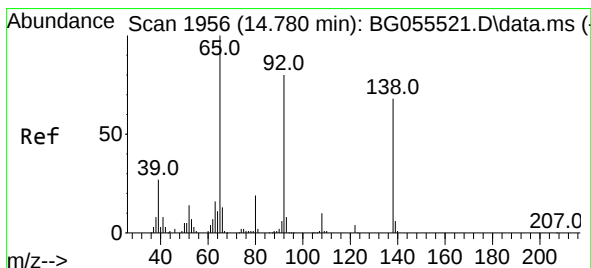
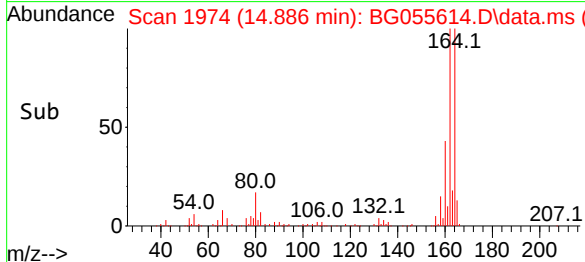
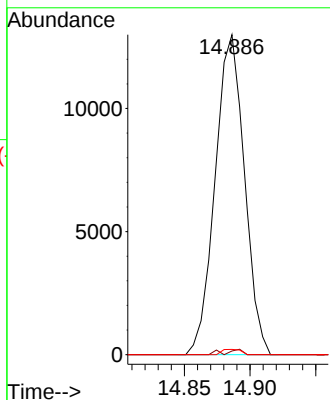
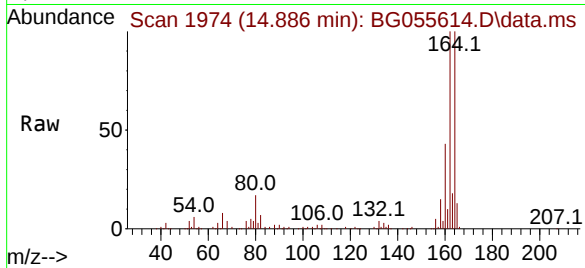




#51
2,6-Dinitrotoluene
Concen: 12.148 ng
RT: 14.886 min Scan# 14
Delta R.T. 0.435 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

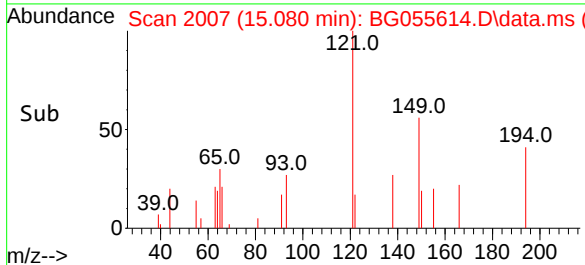
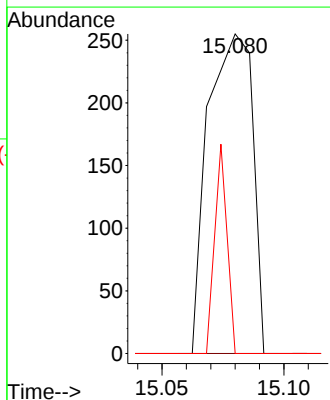
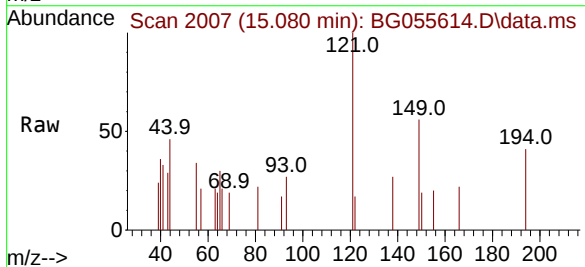
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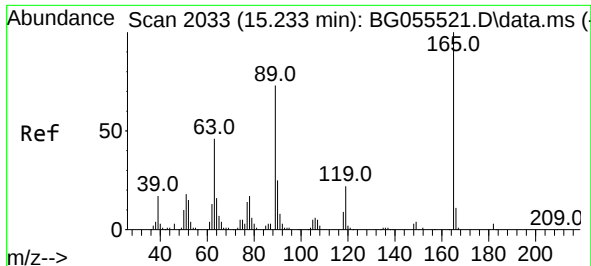
Tgt Ion:165 Resp: 20181
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.6 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.897 ng
RT: 15.080 min Scan# 2007
Delta R.T. 0.300 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:138 Resp: 324
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.362 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

Instrument :

BNA_G

ClientSampleId :

SB-28A

Tgt Ion:165 Resp: 20181

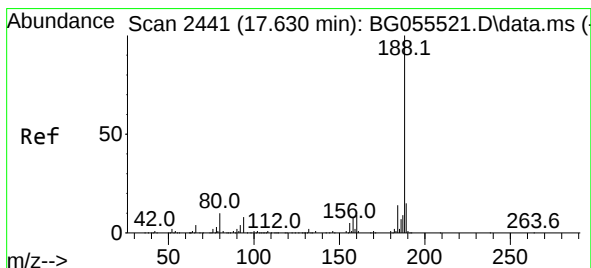
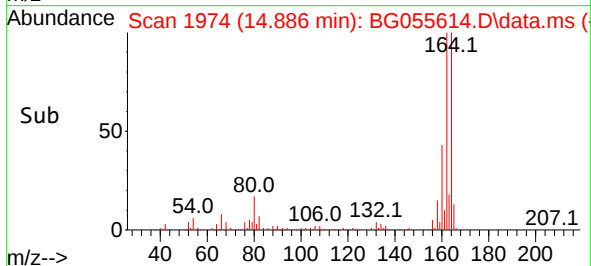
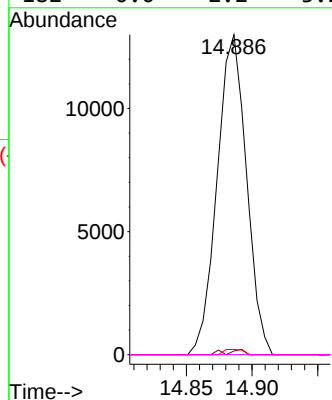
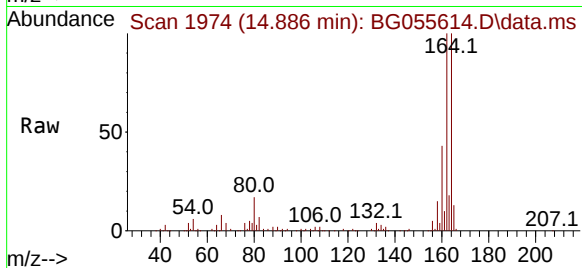
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.4#

89 1.6 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

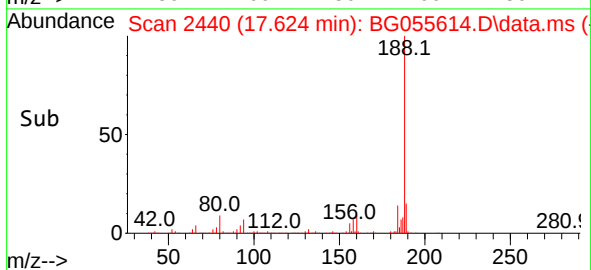
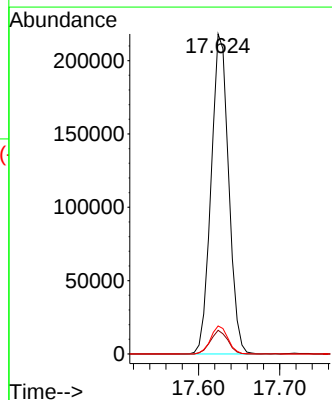
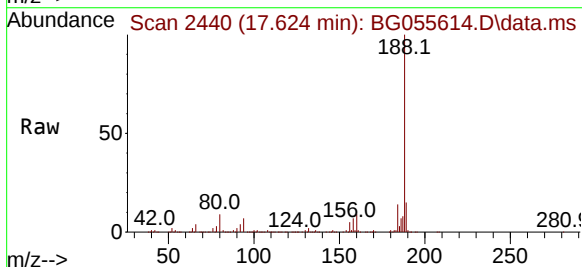
Tgt Ion:188 Resp: 326489

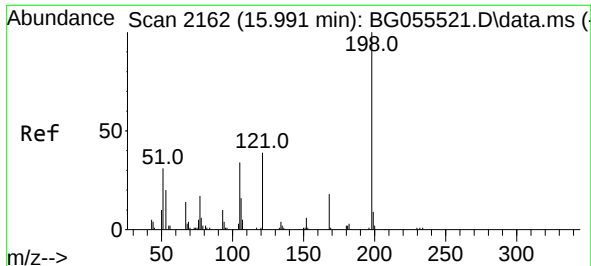
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 8.8 7.6 11.4

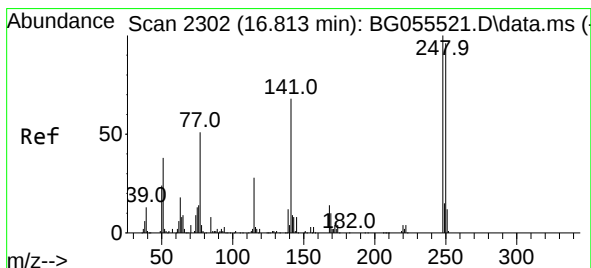
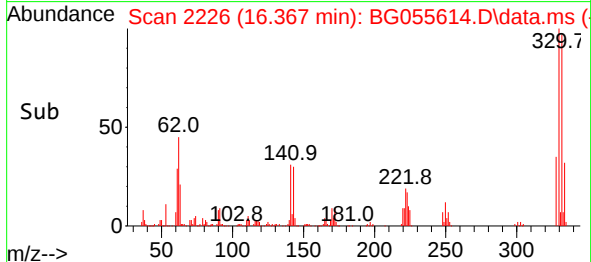
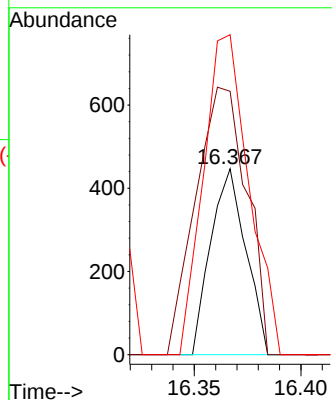
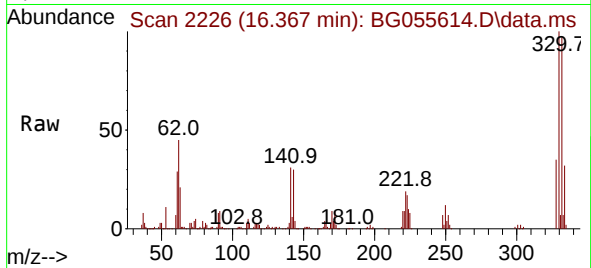




#65
4,6-Dinitro-2-methylphenol
Concen: 2.541 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

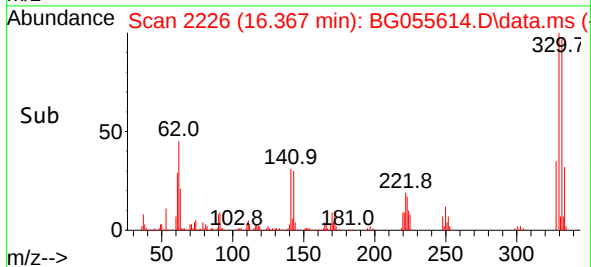
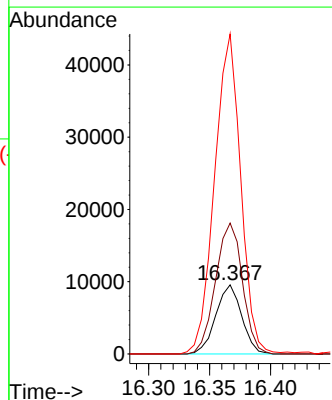
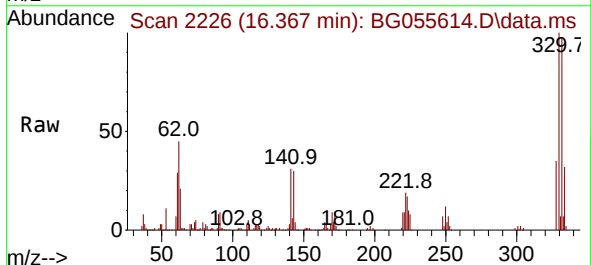
Instrument :
BNA_G
ClientSampleId :
SB-28A

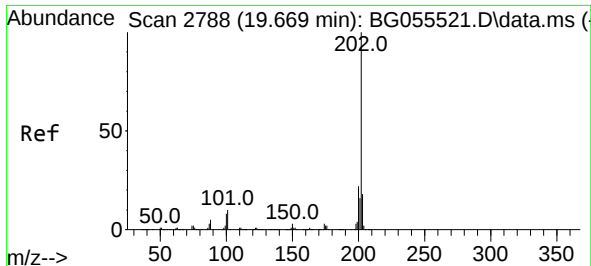
Tgt Ion:198 Resp: 511
Ion Ratio Lower Upper
198 100
51 141.6 24.7 64.7#
105 172.0 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 4.244 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.446 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:248 Resp: 14136
Ion Ratio Lower Upper
248 100
250 189.2 76.9 115.3#
141 462.5 54.3 81.5#

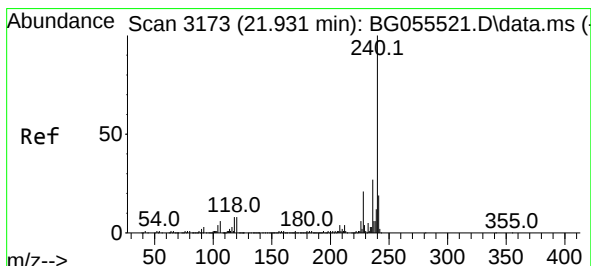
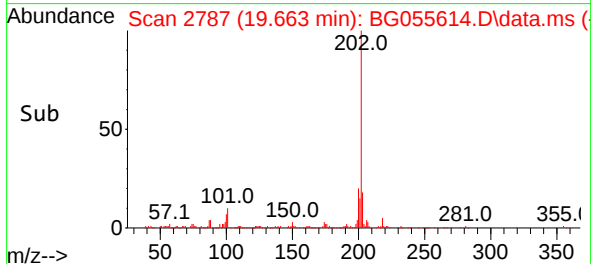
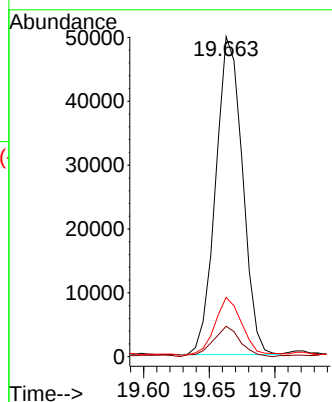
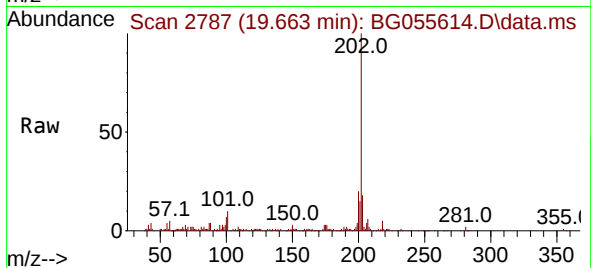




#75
Fluoranthene
Concen: 3.378 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

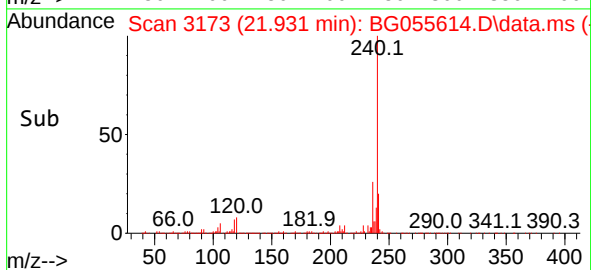
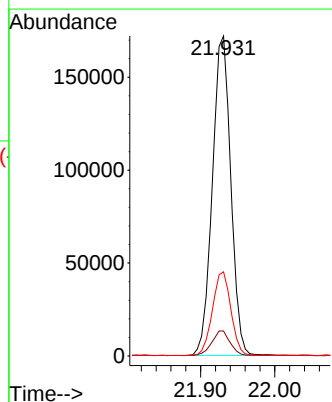
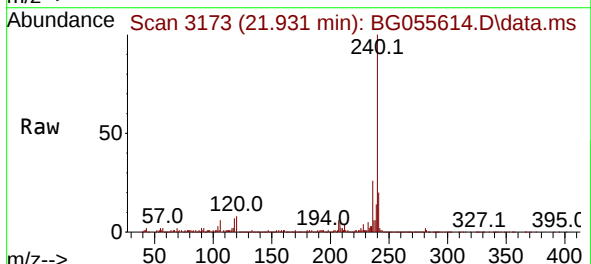
Instrument :
BNA_G
ClientSampleId :
SB-28A

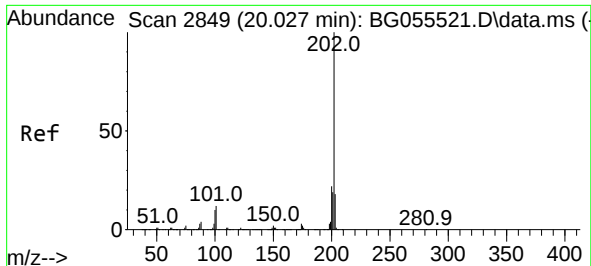
Tgt Ion:202 Resp: 70679
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.8
203 18.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

Tgt Ion:240 Resp: 296360
Ion Ratio Lower Upper
240 100
120 7.8 6.1 9.1
236 26.3 21.4 32.0

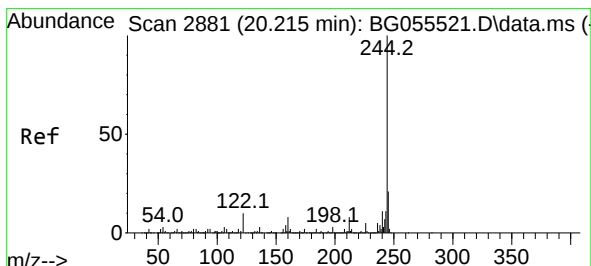
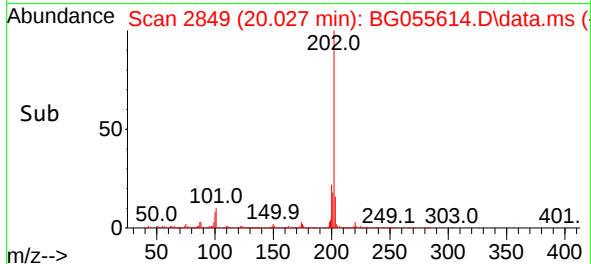
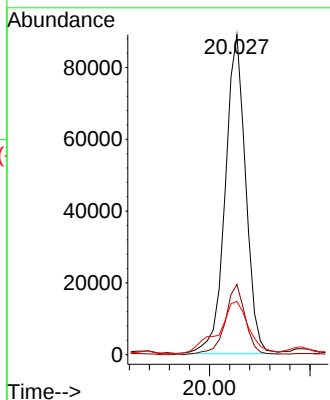
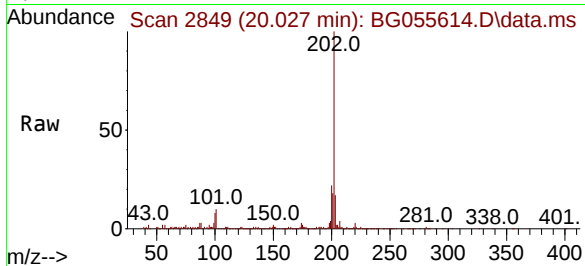




#78
 Pyrene
 Concen: 6.269 ng
 RT: 20.027 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG055614.D
 Acq: 14 Nov 2022 21:29

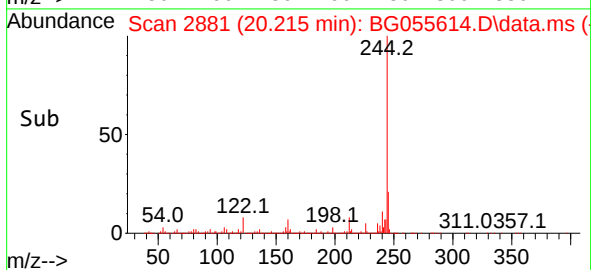
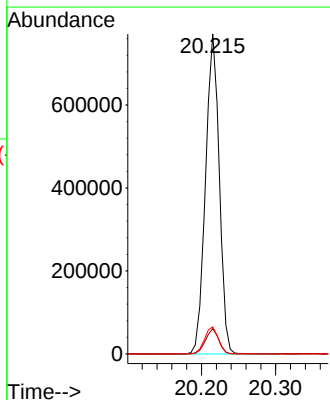
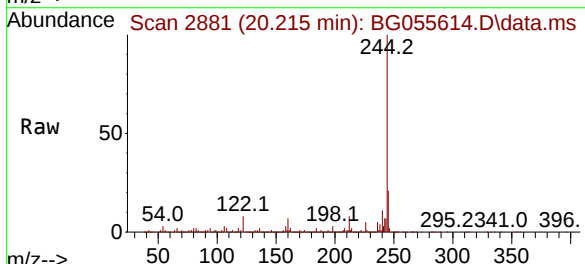
Instrument :
 BNA_G
 ClientSampleId :
 SB-28A

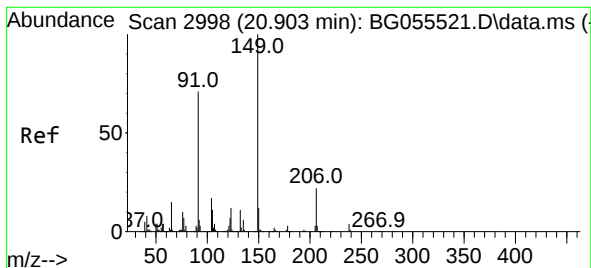
Tgt Ion:202 Resp: 125743
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.0 27.0
 203 16.7 14.2 21.2



#79
 Terphenyl-d14
 Concen: 67.403 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG055614.D
 Acq: 14 Nov 2022 21:29

Tgt Ion:244 Resp: 994529
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.440 ng

RT: 20.897 min Scan# 2998

Delta R.T. -0.006 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

Instrument :

BNA_G

ClientSampleId :

SB-28A

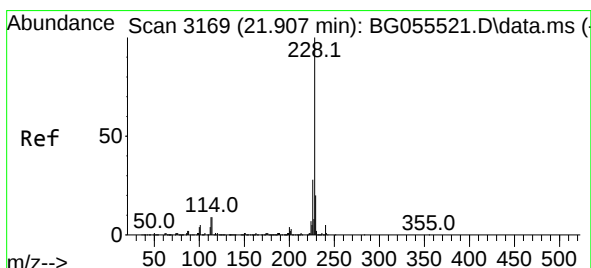
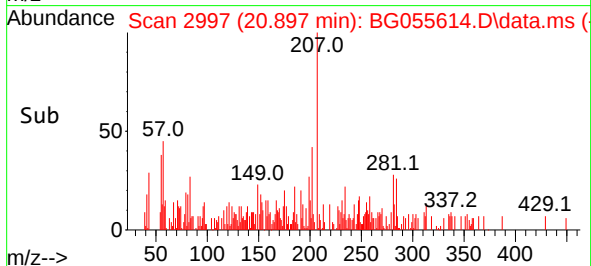
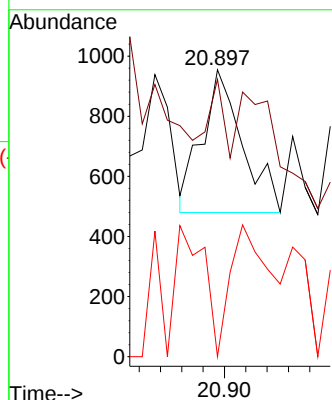
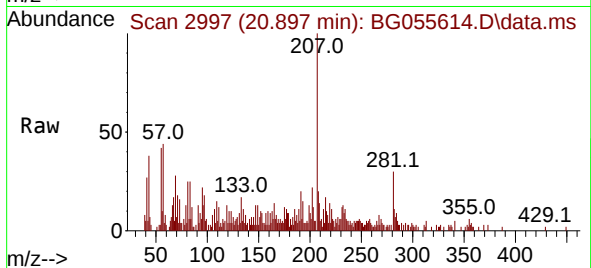
Tgt Ion:149 Resp: 623

Ion Ratio Lower Upper

149 100

91 96.6 56.8 85.2#

206 0.0 17.3 25.9#



#81

Benzo(a)anthracene

Concen: 3.215 ng

RT: 21.907 min Scan# 3169

Delta R.T. 0.000 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

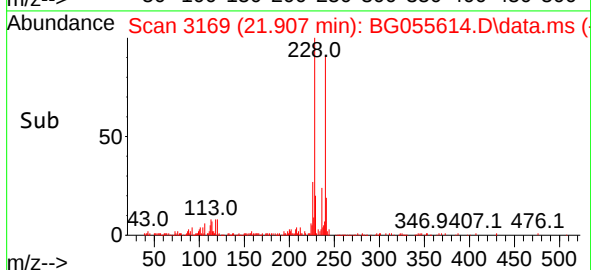
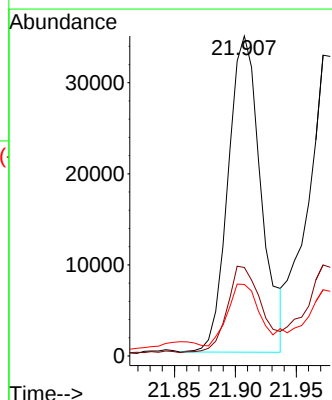
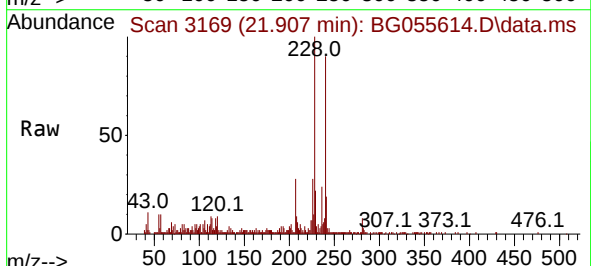
Tgt Ion:228 Resp: 65263

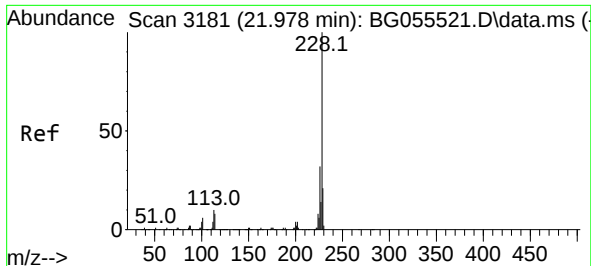
Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 22.4 16.1 24.1





#83

Chrysene

Concen: 3.560 ng

RT: 21.972 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

Instrument :

BNA_G

ClientSampleId :

SB-28A

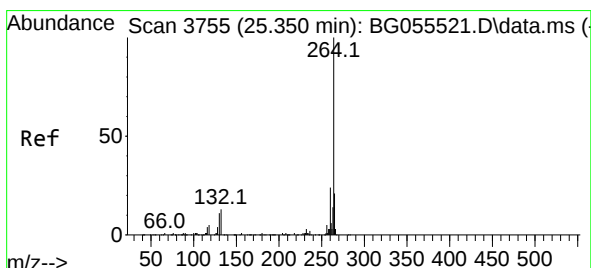
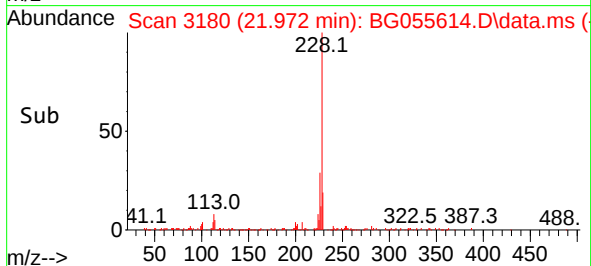
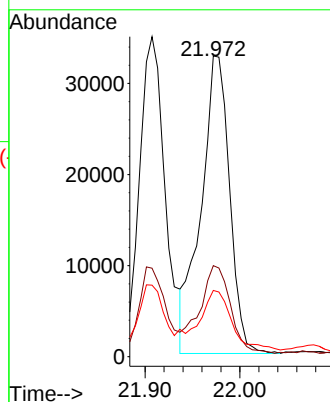
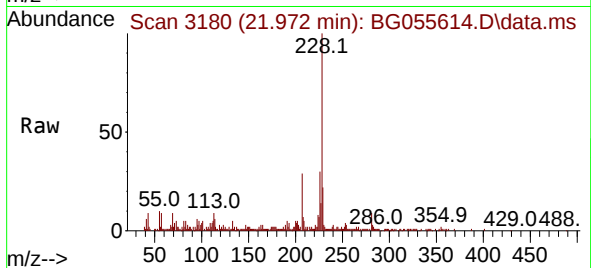
Tgt Ion:228 Resp: 68710

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

229 22.0 16.6 25.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.356 min Scan# 3756

Delta R.T. 0.006 min

Lab File: BG055614.D

Acq: 14 Nov 2022 21:29

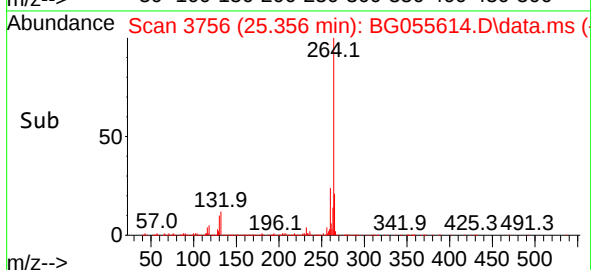
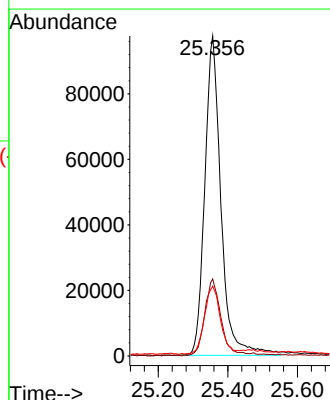
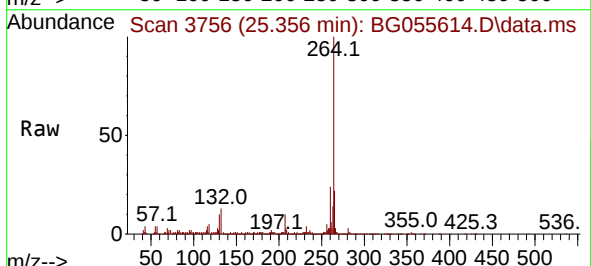
Tgt Ion:264 Resp: 314539

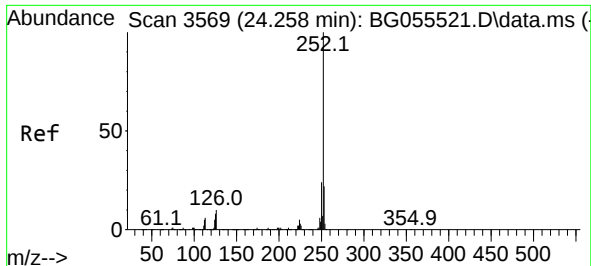
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.8 17.1 25.7

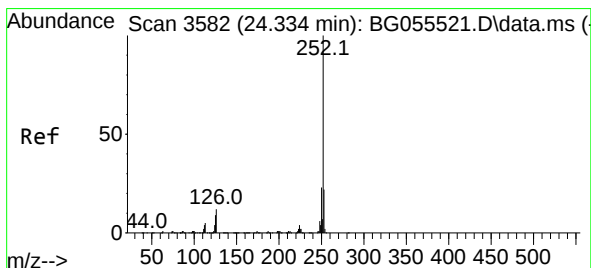
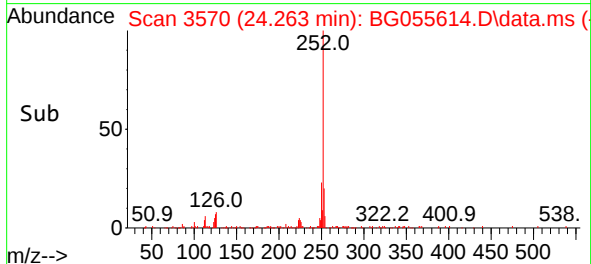
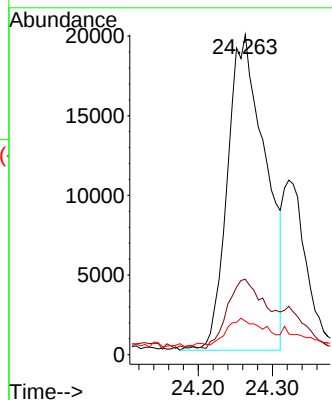
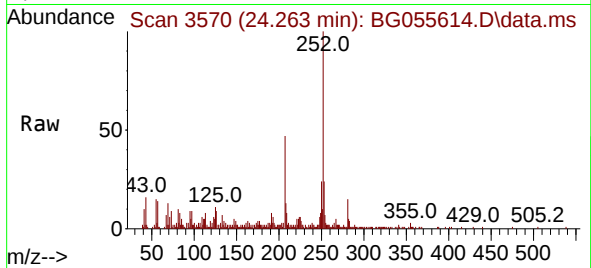




#88
Benzo(b)fluoranthene
Concen: 3.548 ng
RT: 24.263 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

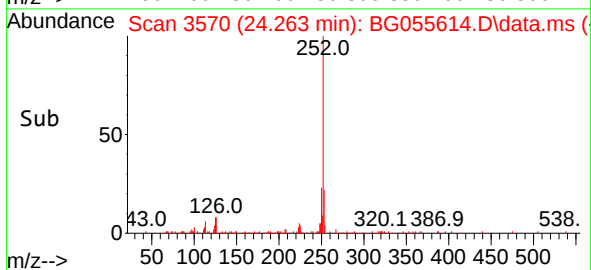
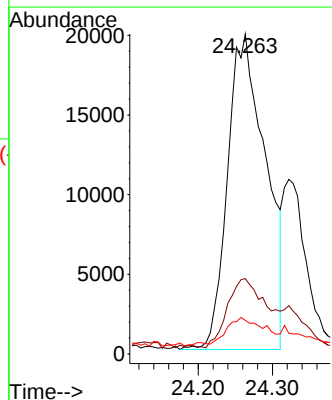
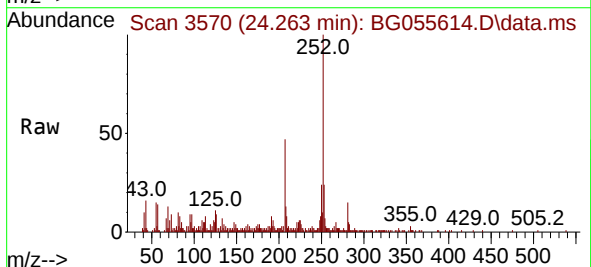
Instrument :
BNA_G
ClientSampleId :
SB-28A

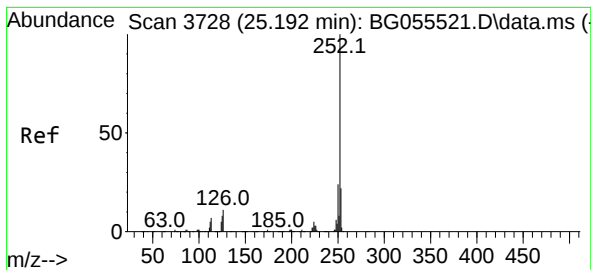
Tgt Ion:252 Resp: 70709
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.5 6.7 10.1#



#89
Benzo(k)fluoranthene
Concen: 3.470 ng
RT: 24.263 min Scan# 3570
Delta R.T. -0.071 min
Lab File: BG055614.D
Acq: 14 Nov 2022 21:29

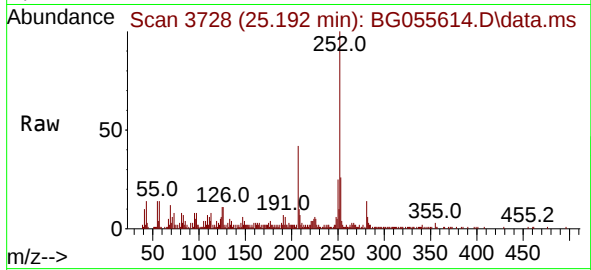
Tgt Ion:252 Resp: 70709
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.5 6.9 10.3#





#90
 Benzo(a)pyrene
 Concen: 3.819 ng
 RT: 25.192 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG055614.D
 Acq: 14 Nov 2022 21:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-28A



Tgt Ion:252 Resp: 65560
 Ion Ratio Lower Upper
 252 100
 253 25.5 17.8 26.6
 125 11.1 6.7 10.1#

