

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055600.D
 Acq On : 12 Nov 2022 22:15
 Operator : CG/JU
 Sample : N5575-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-111022

Quant Time: Nov 14 03:32:47 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)

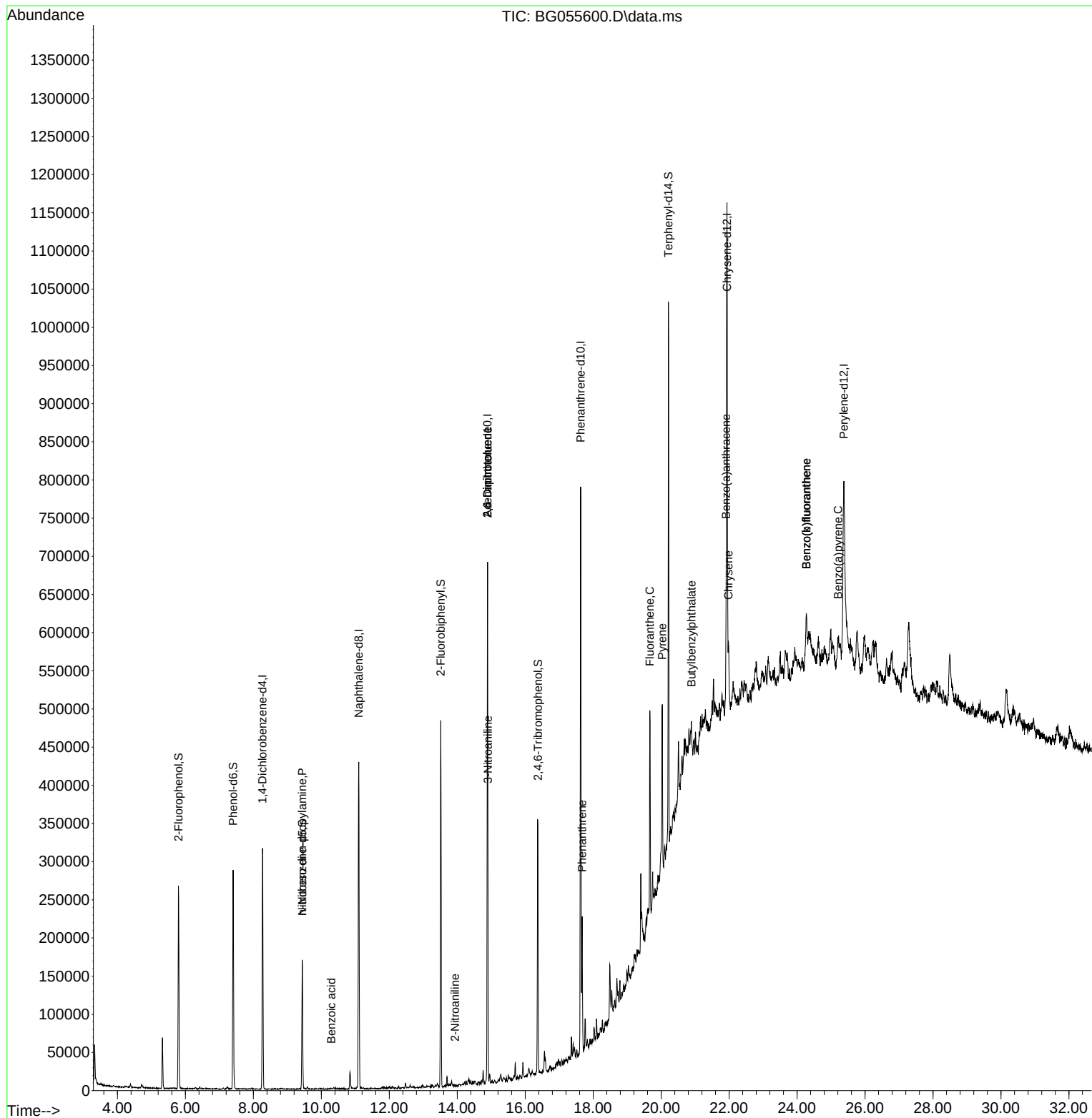
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	90808	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	370849	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	240416	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	495267	20.000	ng	0.00
76) Chrysene-d12	21.936	240	460430	20.000	ng	0.00
86) Perylene-d12	25.373	264	389022	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	121660	25.519	ng	0.00
7) Phenol-d6	7.406	99	159891	24.279	ng	0.00
23) Nitrobenzene-d5	9.439	82	101136	18.488	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	70332	29.983	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	250442	15.713	ng	0.00
79) Terphenyl-d14	20.215	244	360201	15.713	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	13814	2.538	ng	# 77
32) Benzoic acid	10.291	122	59	4.325	ng	# 48
48) 2-Nitroaniline	13.940	65	67	3.805	ng	# 8
51) 2,6-Dinitrotoluene	14.892	165	31547	12.331	ng	# 22
53) 3-Nitroaniline	14.903	138	54	3.792	ng	# 1
57) 2,4-Dinitrotoluene	14.892	165	31547	10.499	ng	# 23
71) Phenanthrene	17.677	178	113499	4.264	ng	98
75) Fluoranthene	19.668	202	173254	5.458	ng	99
78) Pyrene	20.033	202	144740	4.645	ng	96
80) Butylbenzylphthalate	20.896	149	394	3.395	ng	# 40
81) Benzo(a)anthracene	21.913	228	67726	2.147	ng	# 92
83) Chrysene	21.983	228	70059	2.336	ng	# 94
88) Benzo(b)fluoranthene	24.275	252	74516	3.023	ng	# 68
89) Benzo(k)fluoranthene	24.275	252	74516	2.957	ng	# 68
90) Benzo(a)pyrene	25.203	252	55032	2.592	ng	# 73

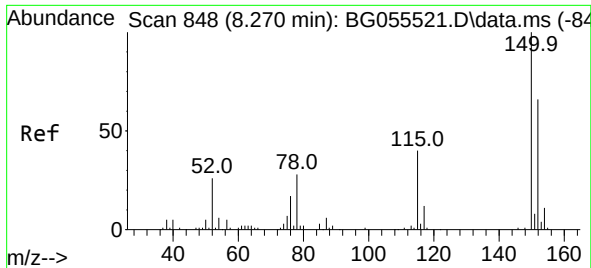
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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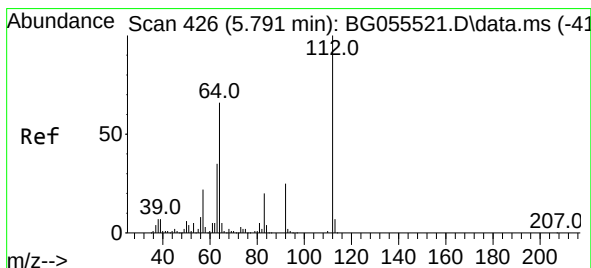
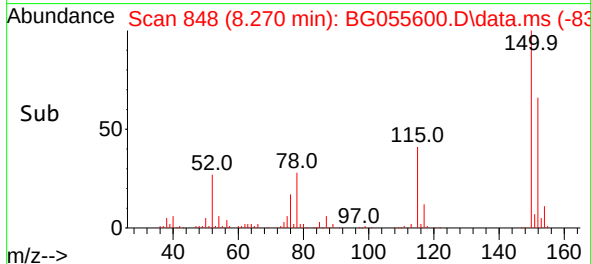
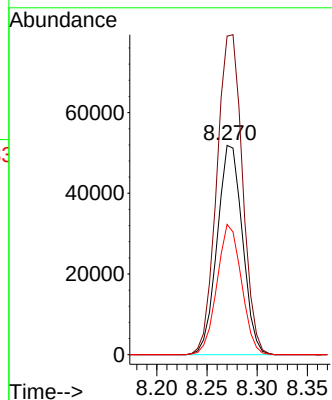
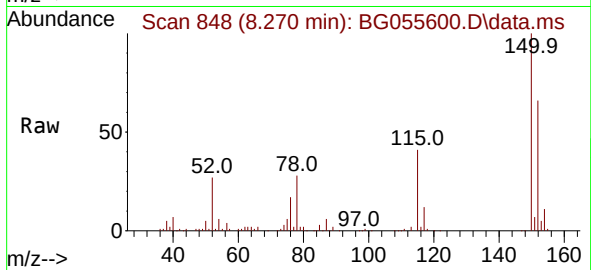




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

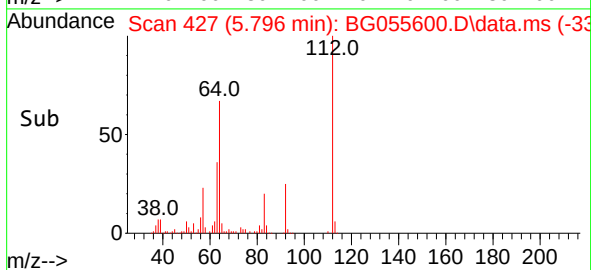
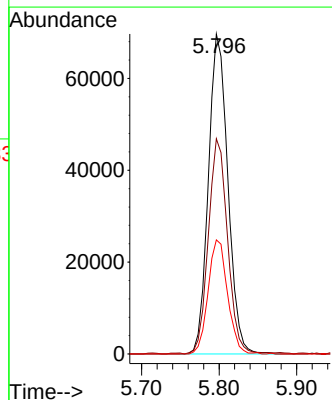
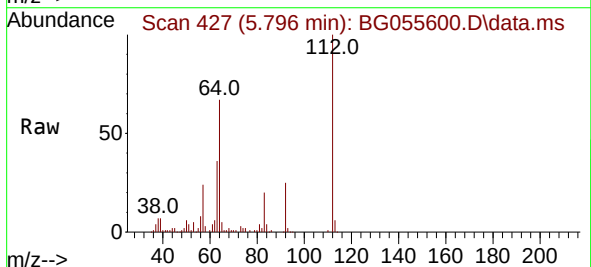
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

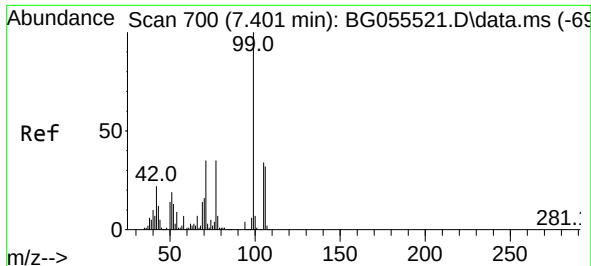
Tgt Ion:152 Resp: 90808
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.4
115 62.2 47.8 71.8



#5
2-Fluorophenol
Concen: 25.519 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:112 Resp: 121660
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 35.6 28.3 42.5

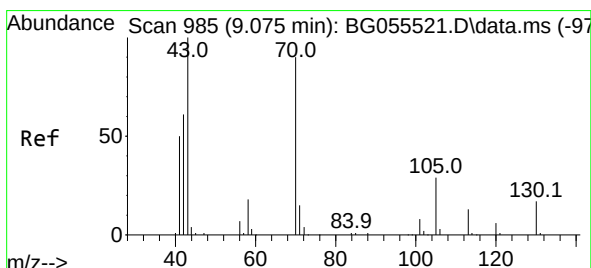
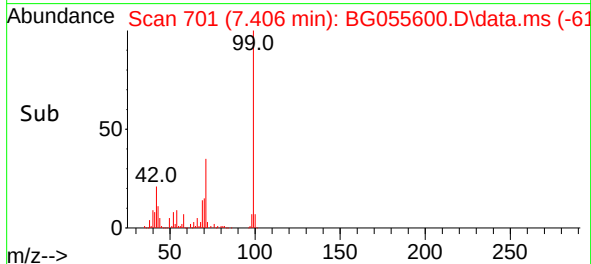
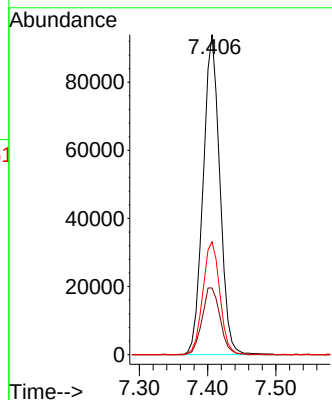
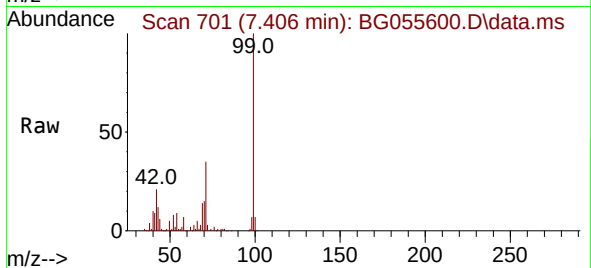




#7
Phenol-d6
Concen: 24.279 ng
RT: 7.406 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

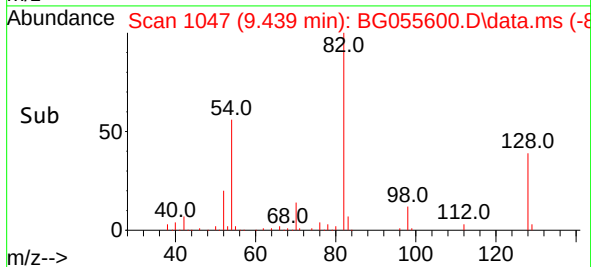
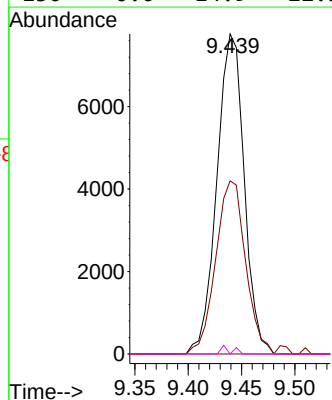
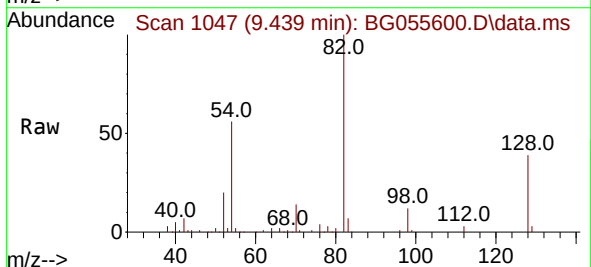
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

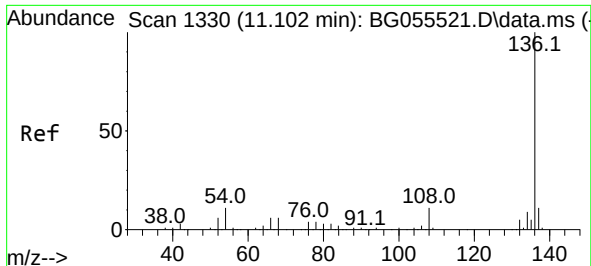
Tgt Ion: 99 Resp: 159891
Ion Ratio Lower Upper
99 100
42 20.8 17.5 26.3
71 35.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.538 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion: 70 Resp: 13814
Ion Ratio Lower Upper
70 100
42 54.1 54.8 82.2#
101 0.0 6.8 10.2#
130 0.0 14.9 22.3#

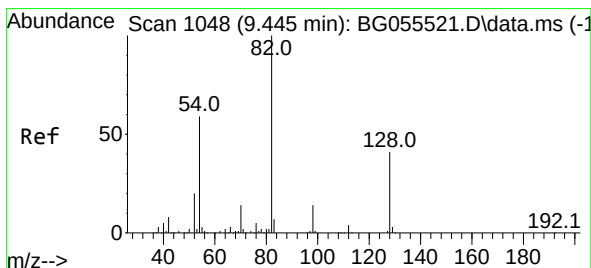
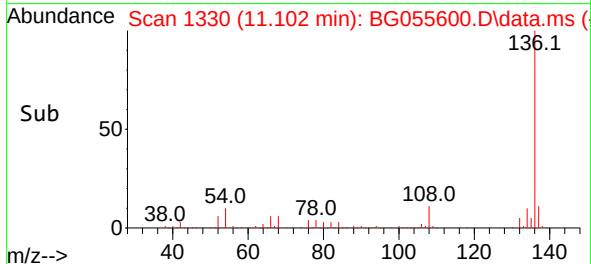
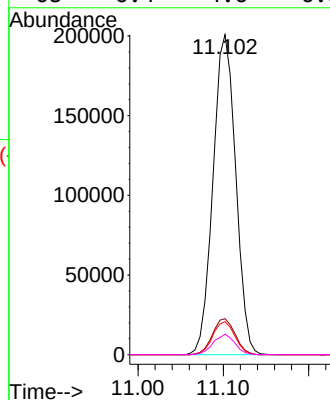
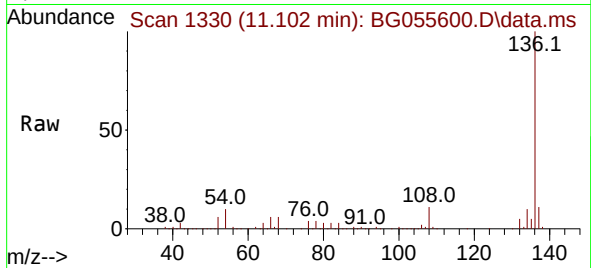




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

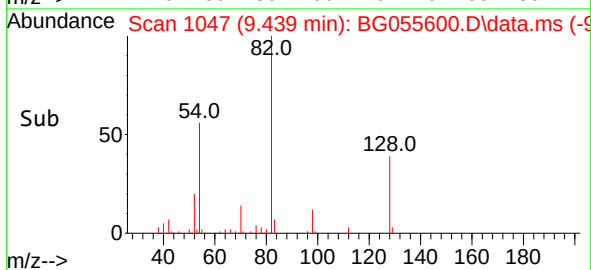
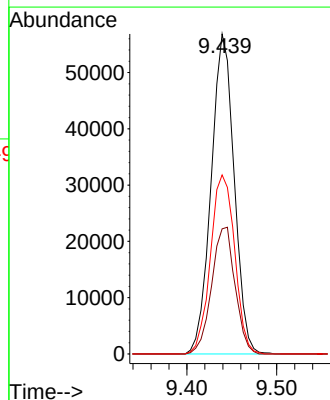
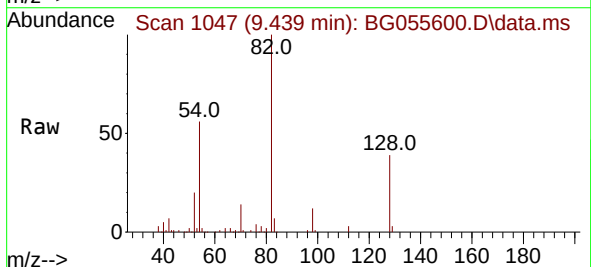
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

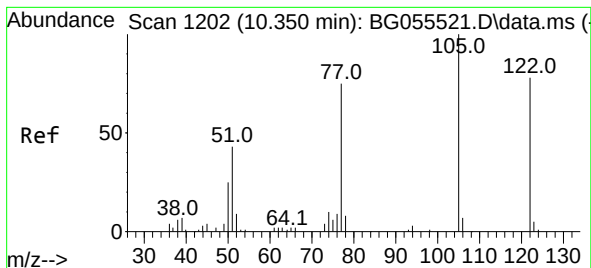
Tgt Ion:136 Resp: 370849
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.3 8.6 12.8
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 18.488 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion: 82 Resp: 101136
Ion Ratio Lower Upper
82 100
128 39.1 32.6 49.0
54 55.9 47.3 70.9





#32

Benzoic acid

Concen: 4.325 ng

RT: 10.291 min Scan# 1192

Delta R.T. -0.059 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

Instrument :

BNA_G

ClientSampleId :

OK-1-111022

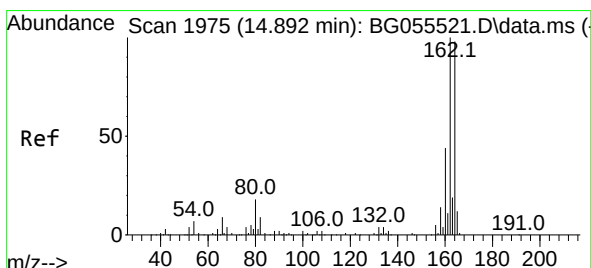
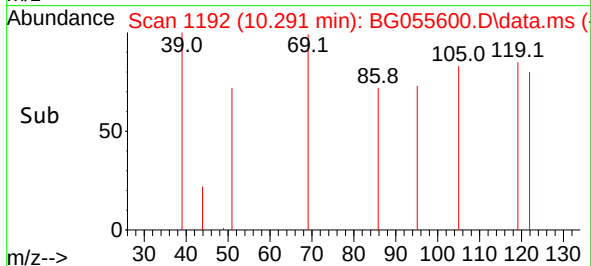
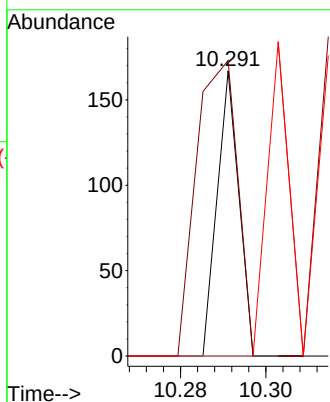
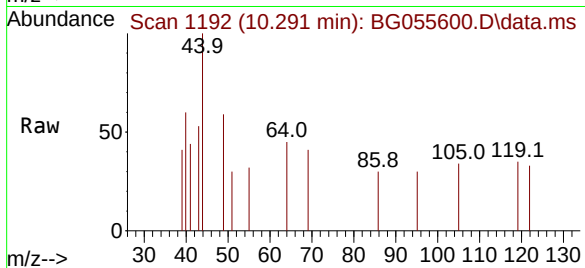
Tgt Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 103.6 101.2 141.2

77 0.0 74.4 114.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.892 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

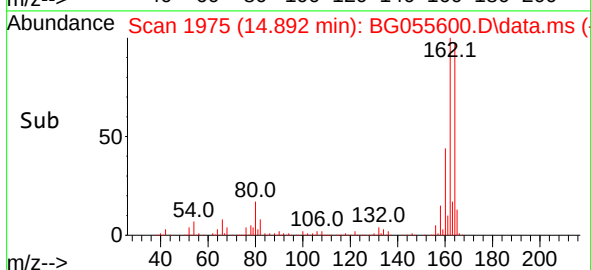
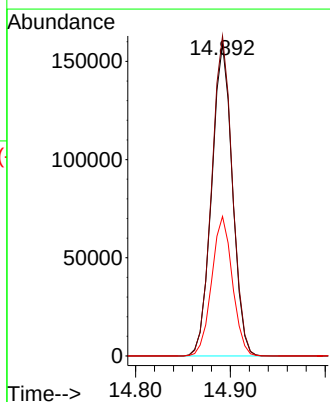
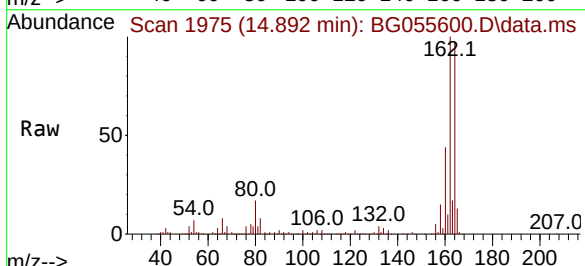
Tgt Ion:164 Resp: 240416

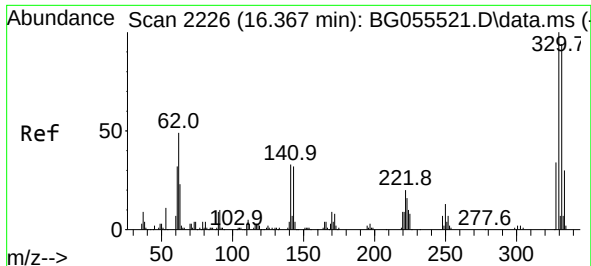
Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 44.8 35.9 53.9

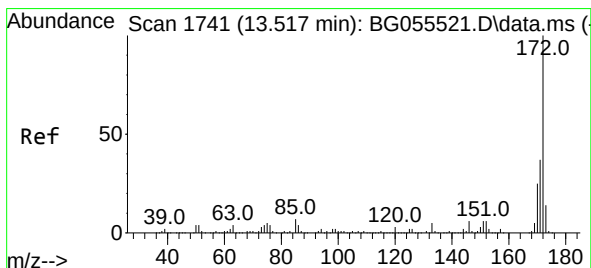
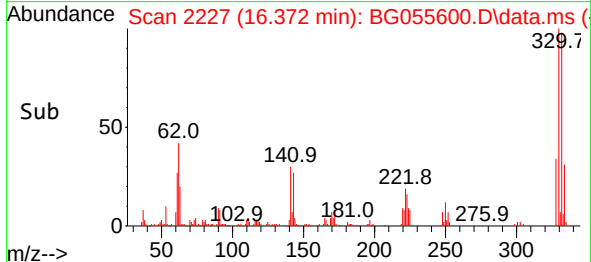
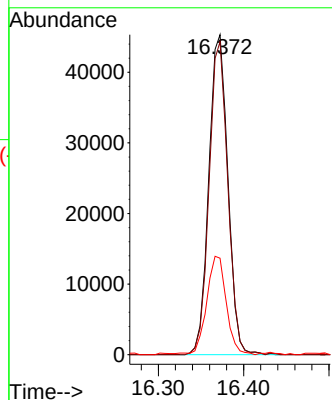
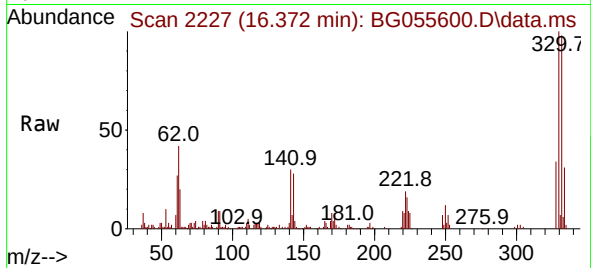




#42
 2,4,6-Tribromophenol
 Concen: 29.983 ng
 RT: 16.372 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055600.D
 Acq: 12 Nov 2022 22:15

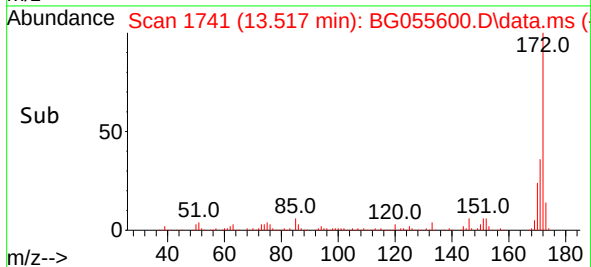
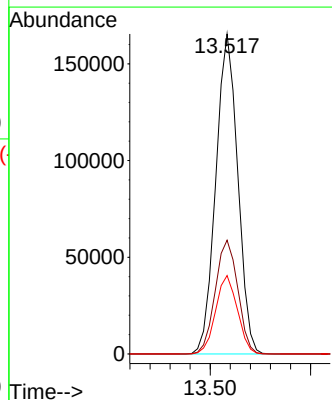
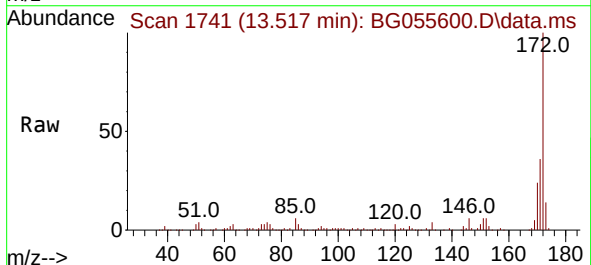
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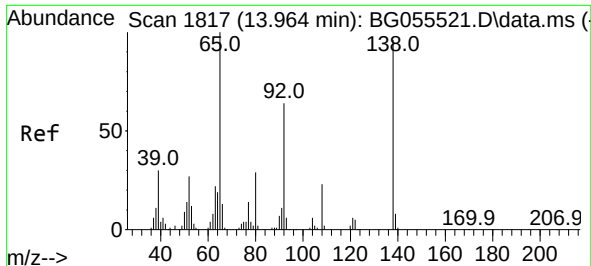
Tgt Ion:330 Resp: 70332
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 31.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 15.713 ng
 RT: 13.517 min Scan# 1741
 Delta R.T. -0.000 min
 Lab File: BG055600.D
 Acq: 12 Nov 2022 22:15

Tgt Ion:172 Resp: 250442
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.5 19.8 29.6

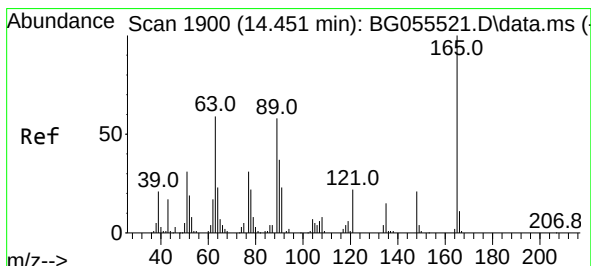
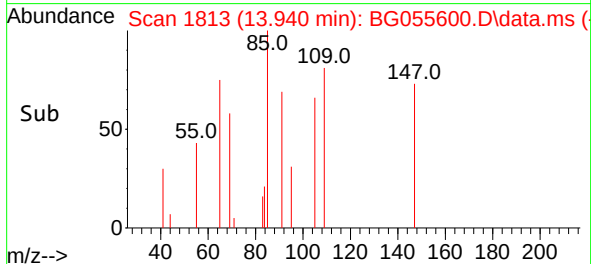
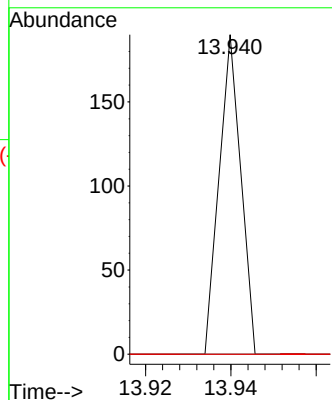
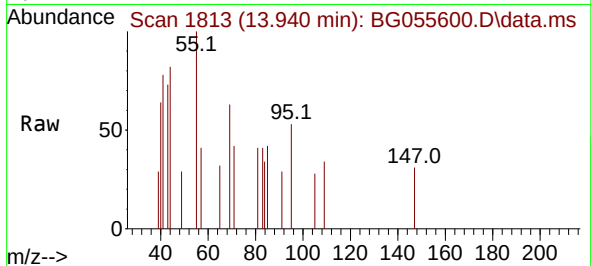




#48
2-Nitroaniline
Concen: 3.805 ng
RT: 13.940 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

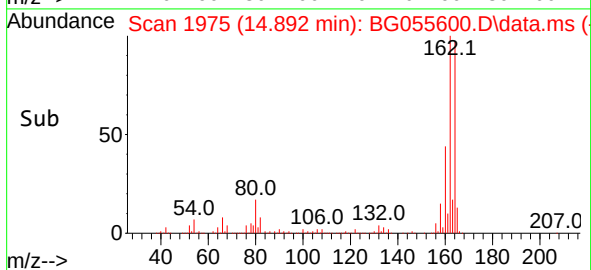
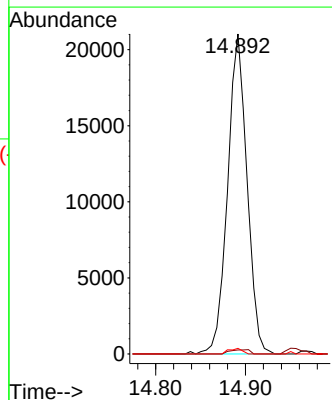
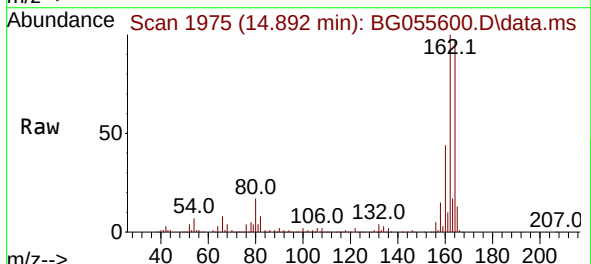
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OK-1-111022

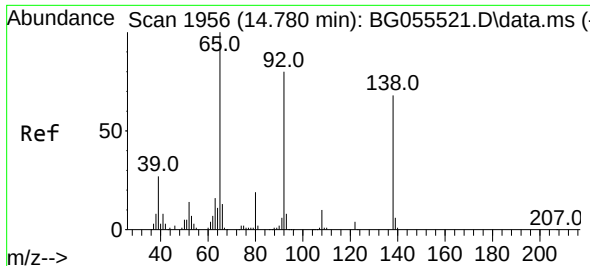
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.331 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.441 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion: 165 Resp: 31547
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.8 46.5 69.7#

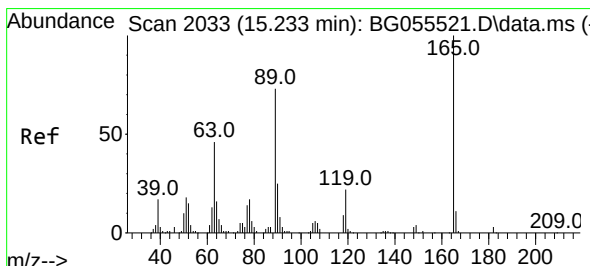
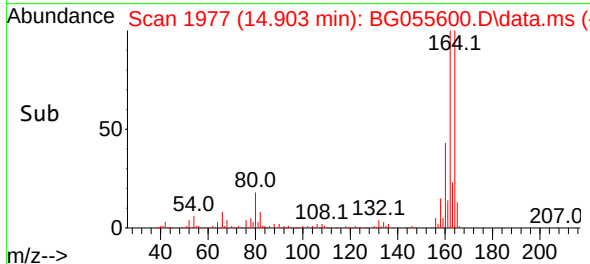
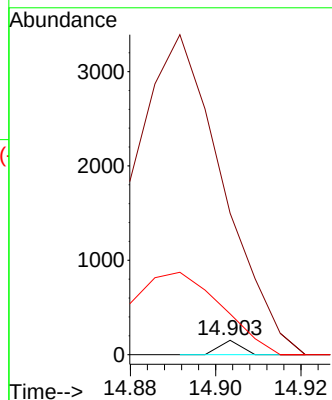
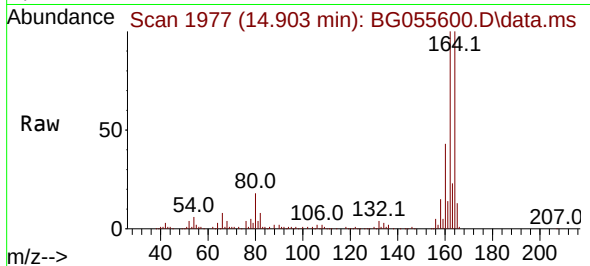




#53
3-Nitroaniline
Concen: 3.792 ng
RT: 14.903 min Scan# 1956
Delta R.T. 0.123 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

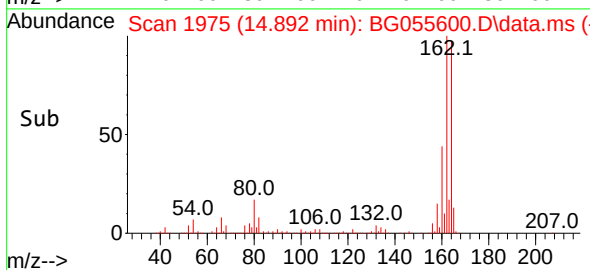
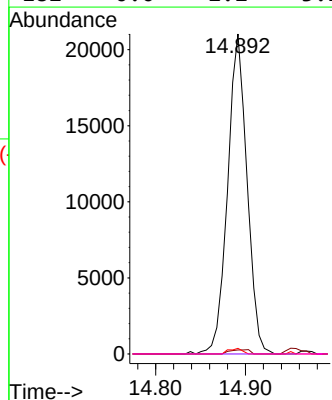
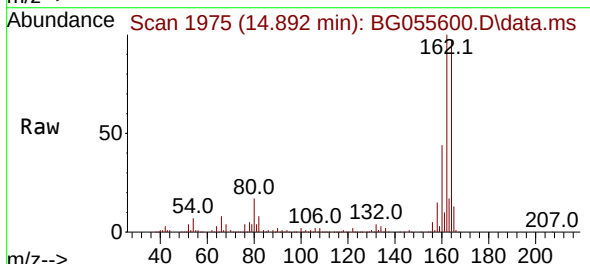
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

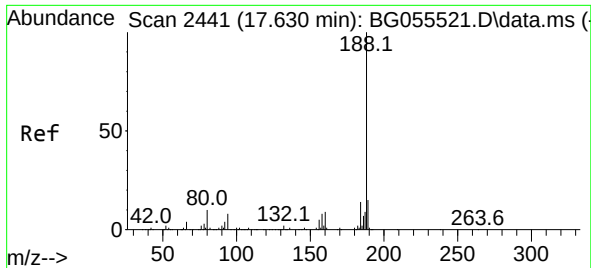
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 979.7 11.7 17.5#
92 283.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.499 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.341 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:165 Resp: 31547
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.4#
89 1.8 58.6 87.8#
182 0.0 2.2 3.2#

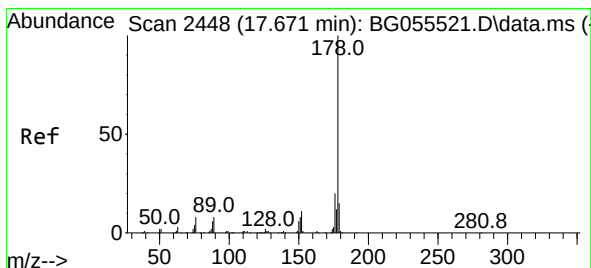
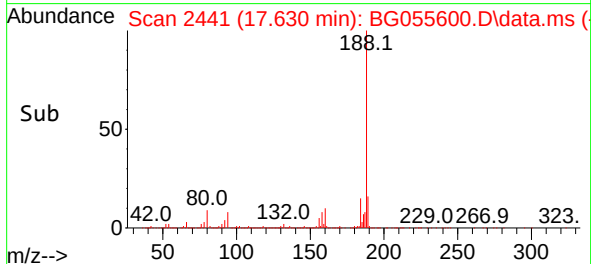
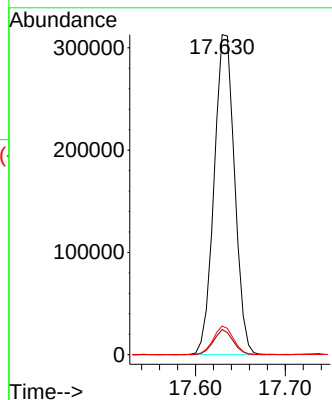
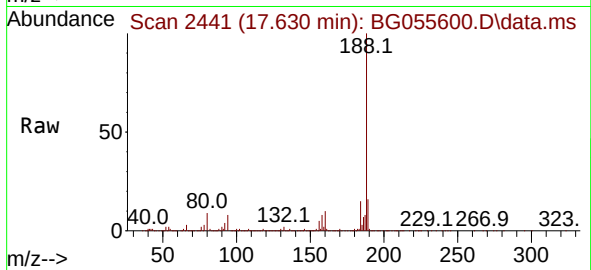




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

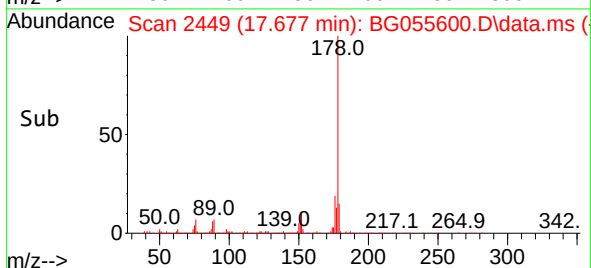
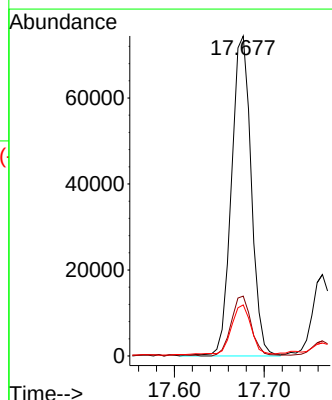
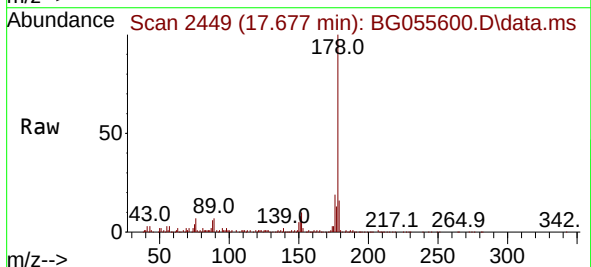
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

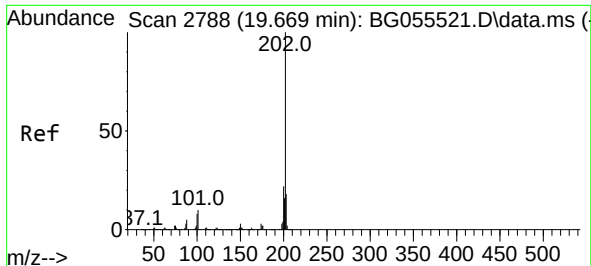
Tgt Ion:188 Resp: 495267
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.9 7.6 11.4



#71
Phenanthrene
Concen: 4.264 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:178 Resp: 113499
Ion Ratio Lower Upper
178 100
176 18.7 16.1 24.1
179 15.9 12.2 18.4

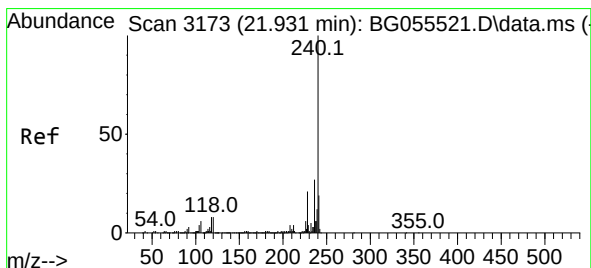
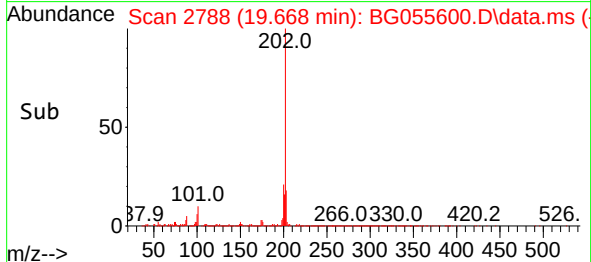
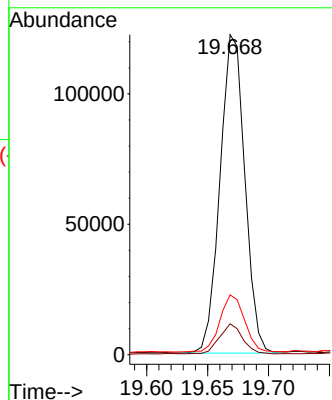
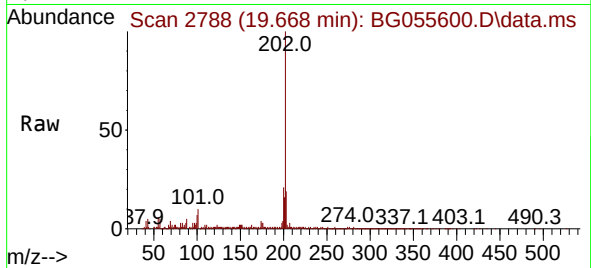




#75
Fluoranthene
Concen: 5.458 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

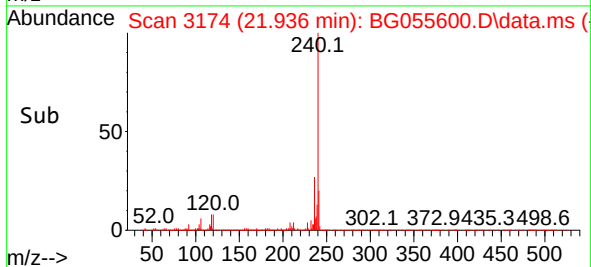
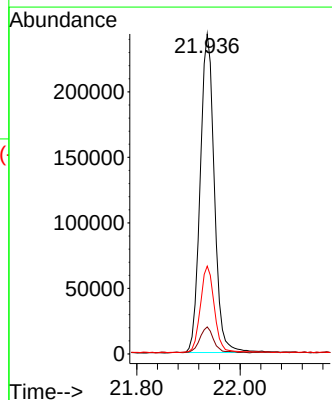
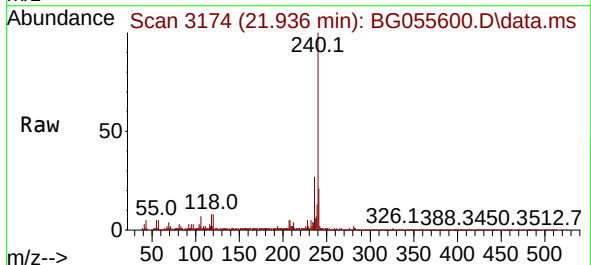
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

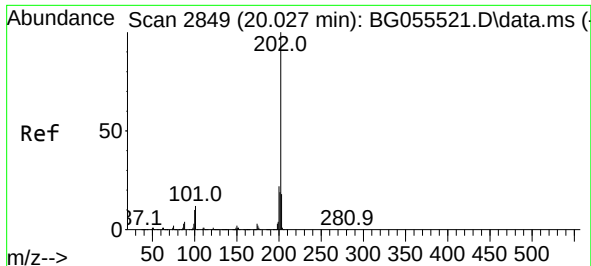
Tgt Ion:202 Resp: 173254
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.8
203 18.7 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:240 Resp: 460430
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 27.5 21.4 32.0

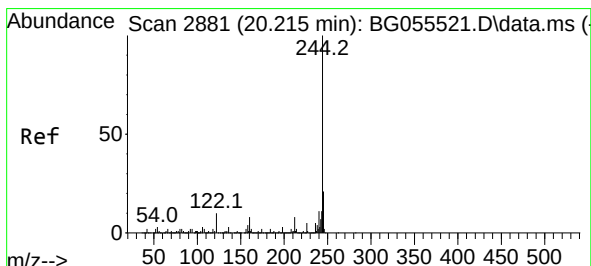
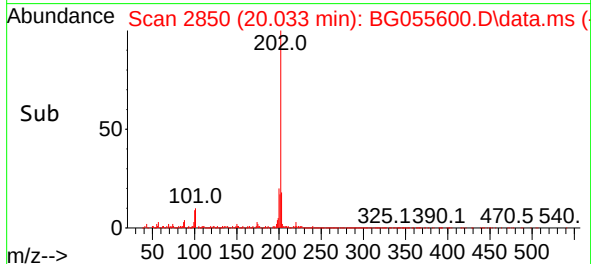
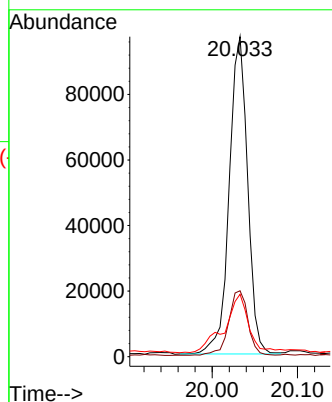
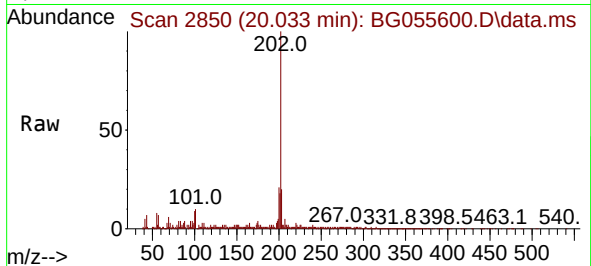




#78
 Pyrene
 Concen: 4.645 ng
 RT: 20.033 min Scan# 2849
 Delta R.T. 0.006 min
 Lab File: BG055600.D
 Acq: 12 Nov 2022 22:15

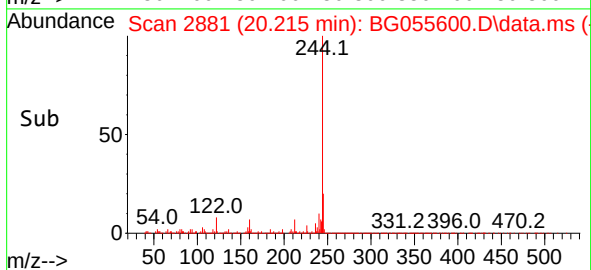
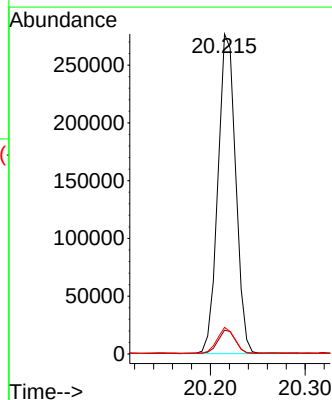
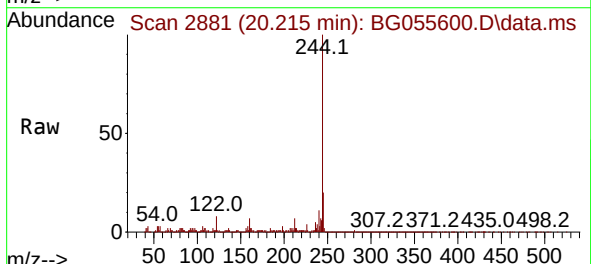
Instrument :
 BNA_G
 ClientSampleId :
 OK-1-111022

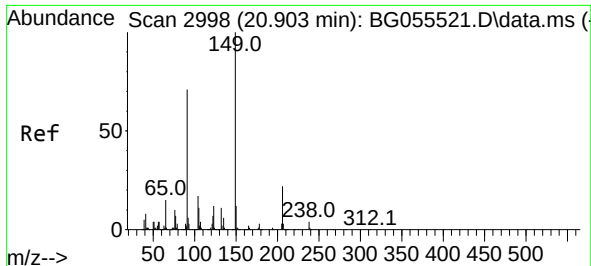
Tgt Ion:202 Resp: 144740
 Ion Ratio Lower Upper
 202 100
 200 20.6 18.0 27.0
 203 19.5 14.2 21.2



#79
 Terphenyl-d14
 Concen: 15.713 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055600.D
 Acq: 12 Nov 2022 22:15

Tgt Ion:244 Resp: 360201
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.3 7.7 11.5

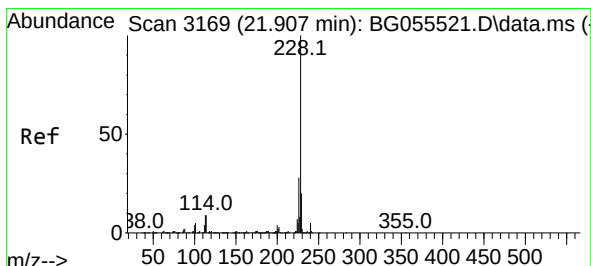
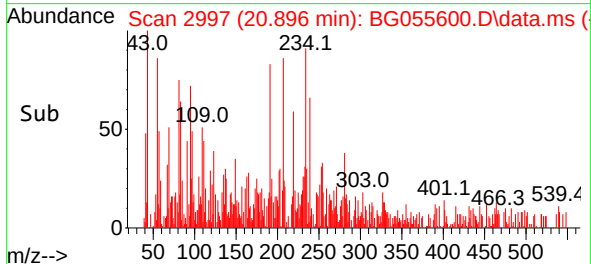
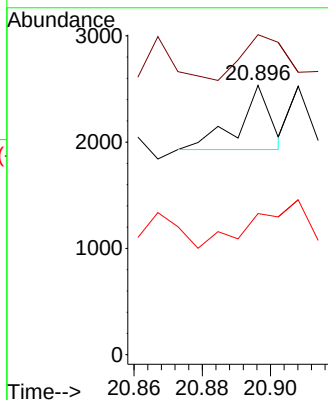
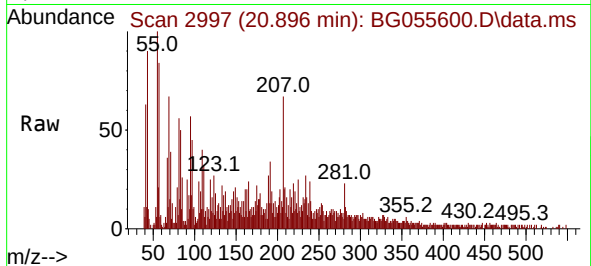




#80
Butylbenzylphthalate
Concen: 3.395 ng
RT: 20.896 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

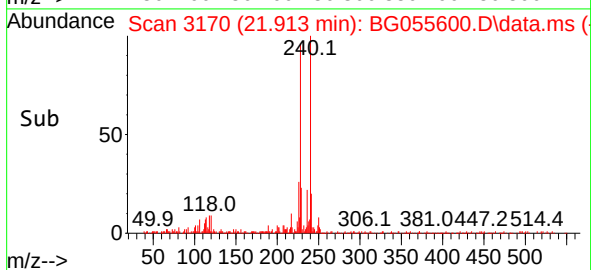
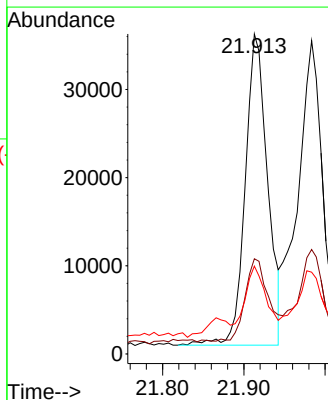
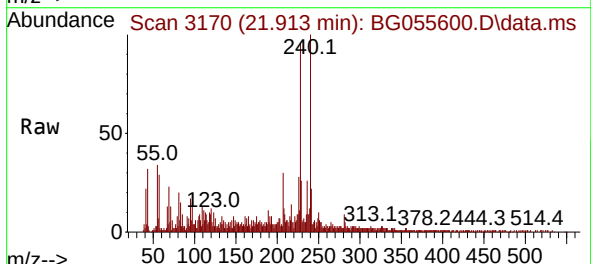
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

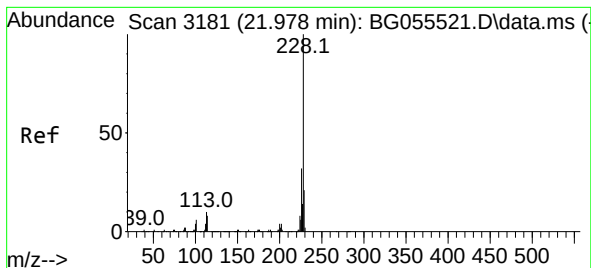
Tgt Ion:149 Resp: 394
Ion Ratio Lower Upper
149 100
91 118.8 56.8 85.2#
206 52.4 17.3 25.9#



#81
Benzo(a)anthracene
Concen: 2.147 ng
RT: 21.913 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:228 Resp: 67726
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 27.4 16.1 24.1#





#83

Chrysene

Concen: 2.336 ng

RT: 21.983 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

Instrument :

BNA_G

ClientSampleId :

OK-1-111022

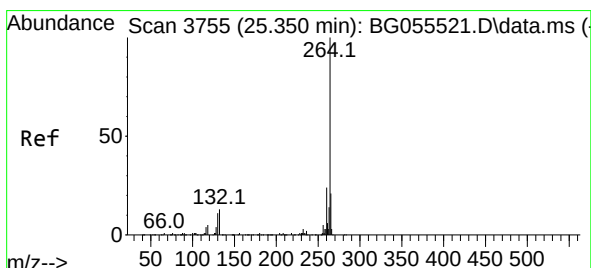
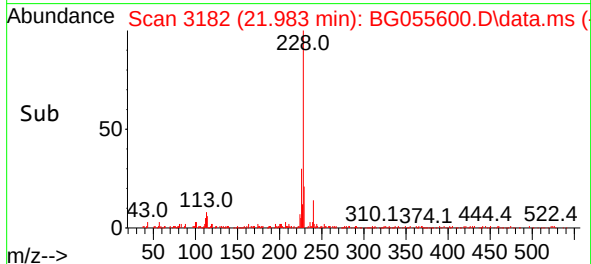
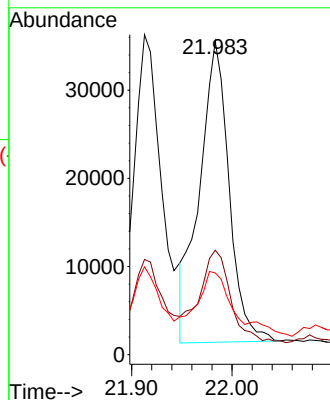
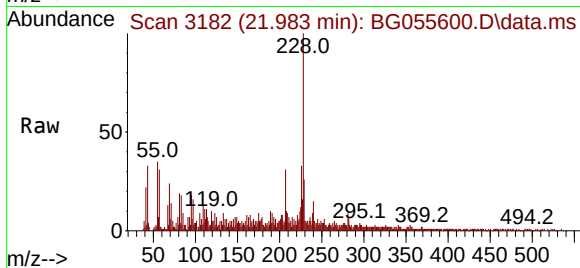
Tgt Ion:228 Resp: 70059

Ion Ratio Lower Upper

228 100

226 33.4 25.7 38.5

229 26.1 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.373 min Scan# 3759

Delta R.T. 0.023 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

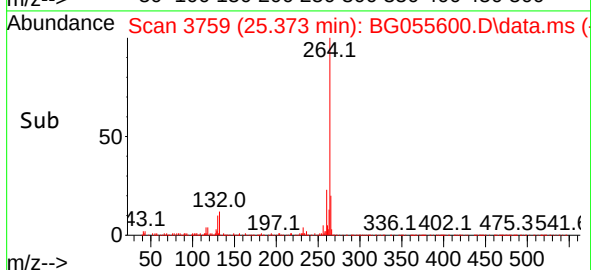
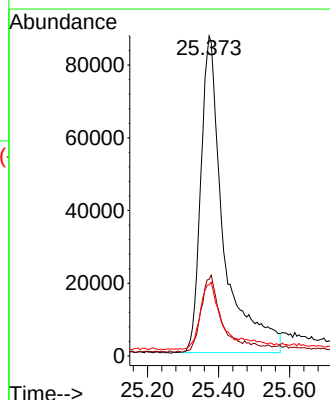
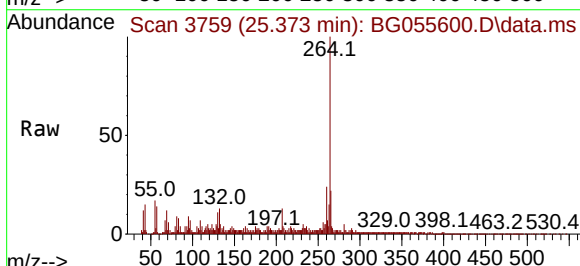
Tgt Ion:264 Resp: 389022

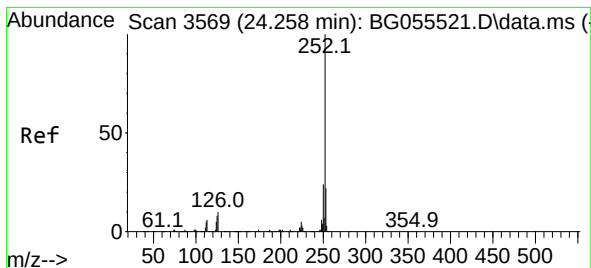
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.2 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 3.023 ng

RT: 24.275 min Scan# 3572

Delta R.T. 0.017 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

Instrument :

BNA_G

ClientSampleId :

OK-1-111022

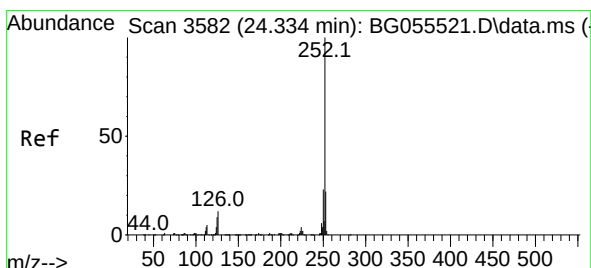
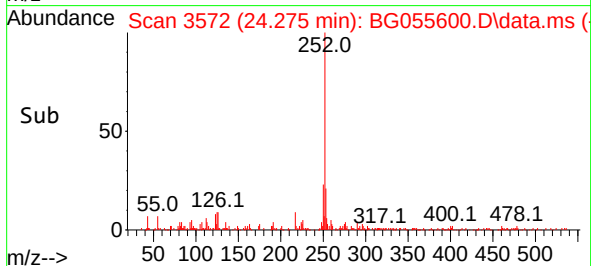
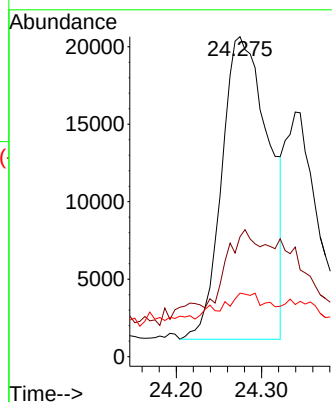
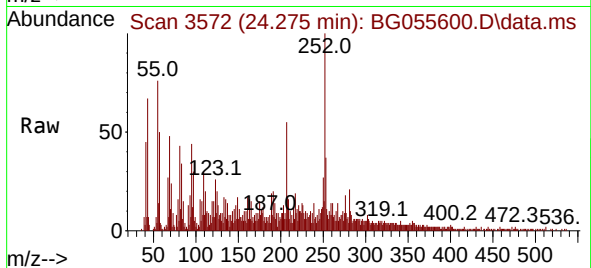
Tgt Ion:252 Resp: 74516

Ion Ratio Lower Upper

252 100

253 37.5 17.9 26.9#

125 19.9 6.7 10.1#



#89

Benzo(k)fluoranthene

Concen: 2.957 ng

RT: 24.275 min Scan# 3572

Delta R.T. -0.059 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

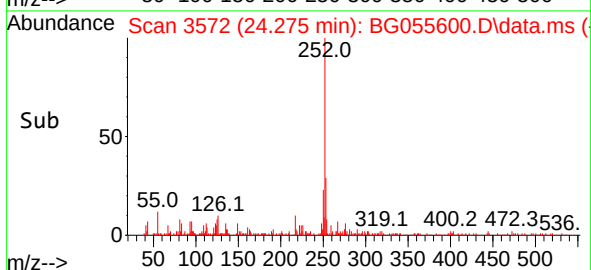
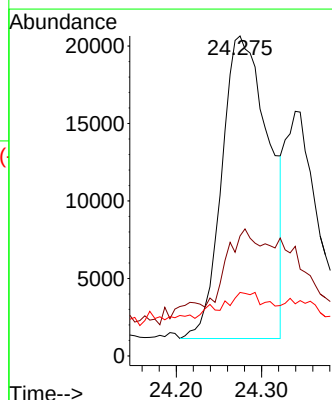
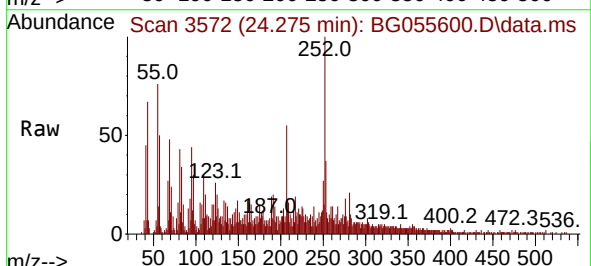
Tgt Ion:252 Resp: 74516

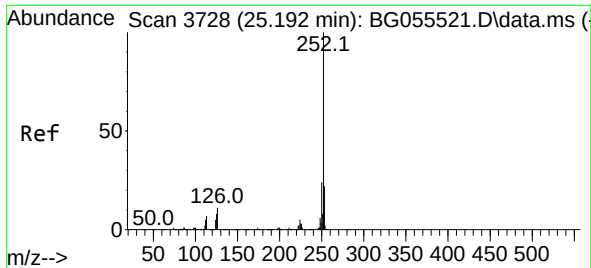
Ion Ratio Lower Upper

252 100

253 37.5 17.8 26.8#

125 19.9 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 2.592 ng
RT: 25.203 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Instrument :
BNA_G
ClientSampleId :
OK-1-111022

Tgt Ion:	252	Resp:	55032
Ion Ratio	Lower	Upper	
252	100		
253	33.1	17.8	26.6#
125	22.5	6.7	10.1#

