

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055896.D
 Acq On : 5 Dec 2022 22:35
 Operator : CG/JU
 Sample : N5871-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

Quant Time: Dec 06 04:49:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

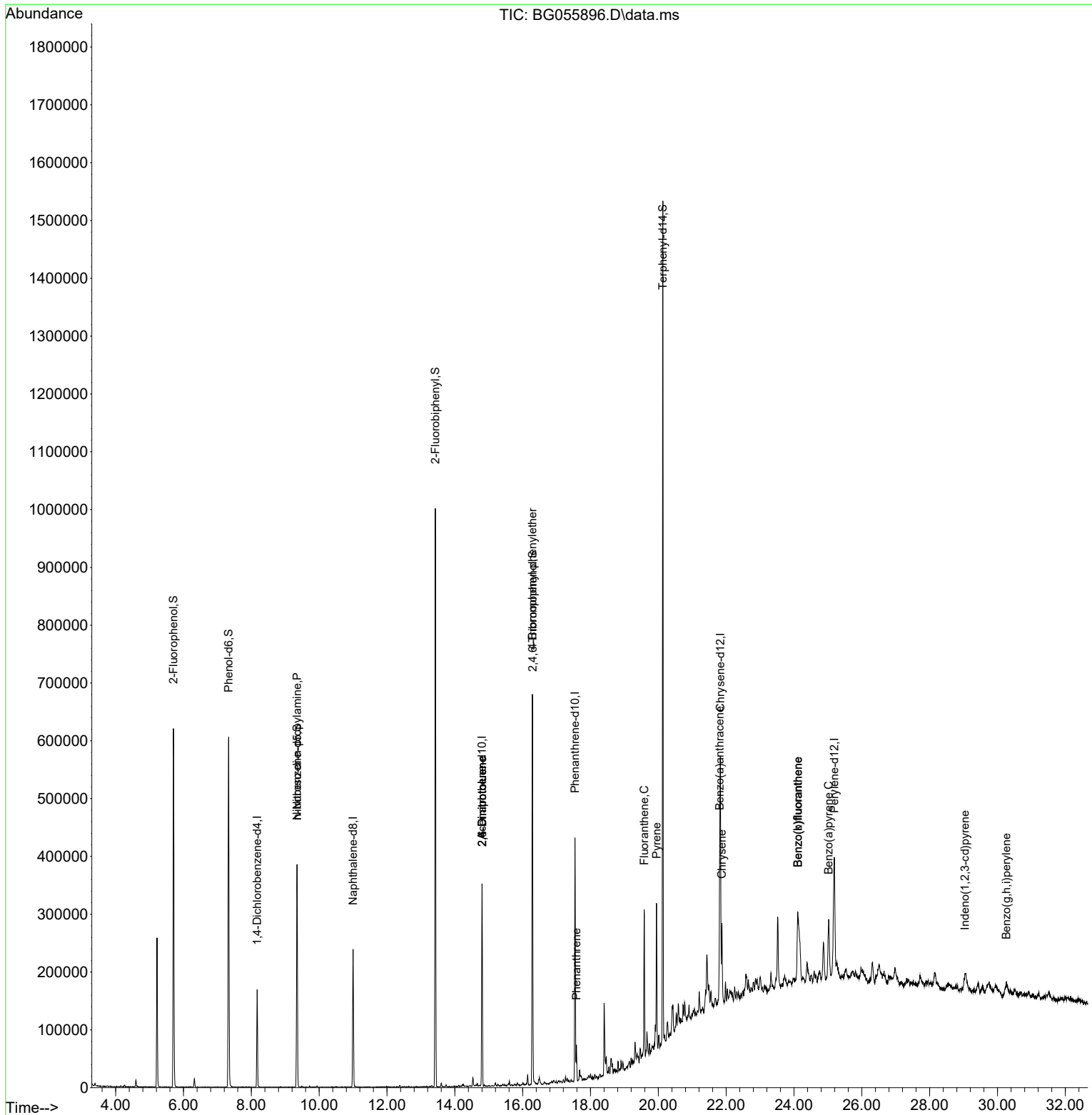
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.172	152	46593	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	197667	20.000	ng	0.00
39) Acenaphthene-d10	14.800	164	128148	20.000	ng	0.00
64) Phenanthrene-d10	17.544	188	265343	20.000	ng	0.00
76) Chrysene-d12	21.827	240	243045	20.000	ng	0.00
86) Perylene-d12	25.188	264	258321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	262926	101.999	ng	0.00
7) Phenol-d6	7.332	99	340716	99.294	ng	0.00
23) Nitrobenzene-d5	9.347	82	218383	58.394	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	142411	78.920	ng	0.00
45) 2-Fluorobiphenyl	13.425	172	521543	60.971	ng	0.00
79) Terphenyl-d14	20.135	244	747434	61.510	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.347	70	29801	11.303	ng	# 79
51) 2,6-Dinitrotoluene	14.806	165	16859	8.071	ng	# 24
57) 2,4-Dinitrotoluene	14.806	165	16859	5.725	ng	# 22
67) 4-Bromophenyl-phenylether	16.286	248	9336	3.088	ng	# 1
71) Phenanthrene	17.585	178	35506	2.480	ng	98
75) Fluoranthene	19.582	202	162392	9.322	ng	97
78) Pyrene	19.947	202	157158	9.553	ng	99
81) Benzo(a)anthracene	21.809	228	117579	7.024	ng	99
83) Chrysene	21.874	228	103199	6.476	ng	99
87) Indeno(1,2,3-cd)pyrene	29.042	276	62198	2.939	ng	94
88) Benzo(b)fluoranthene	24.112	252	163905	9.743	ng	# 96
89) Benzo(k)fluoranthene	24.112	252	164333	9.800	ng	# 95
90) Benzo(a)pyrene	25.023	252	114749	7.949	ng	# 96
92) Benzo(g,h,i)perylene	30.258	276	52446	3.009	ng	# 87

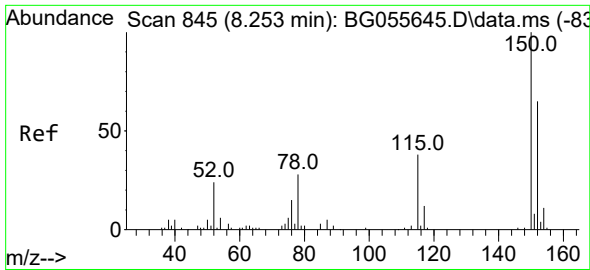
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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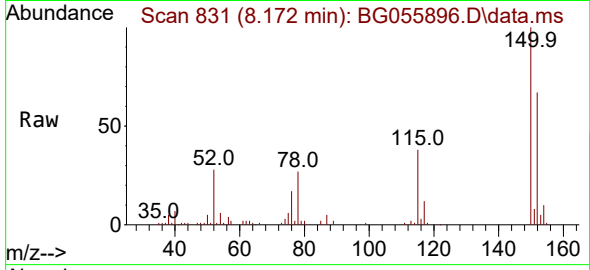
Quant Time: Dec 06 04:49:22 2022
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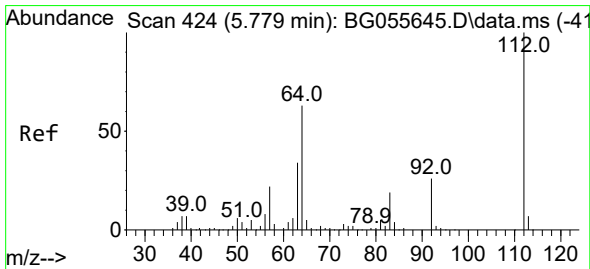
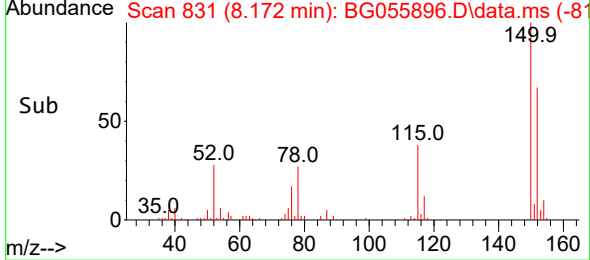
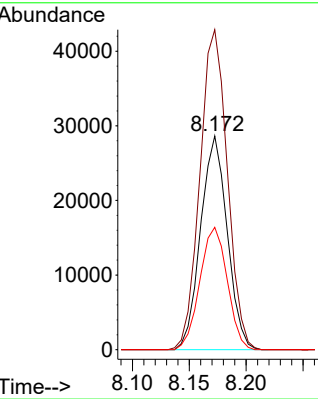


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.172 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

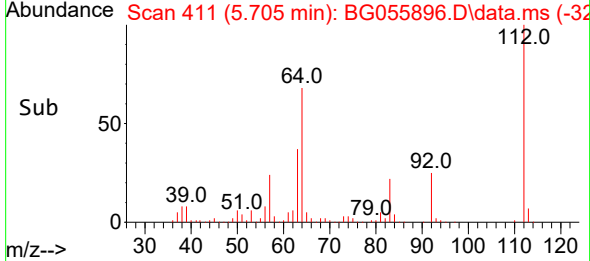
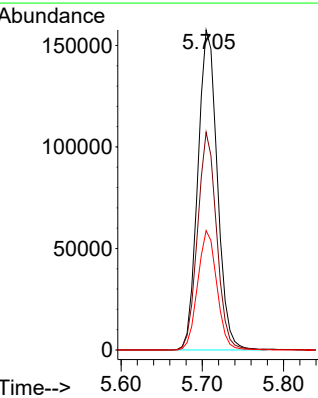
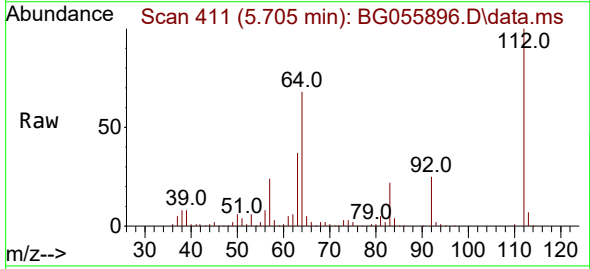


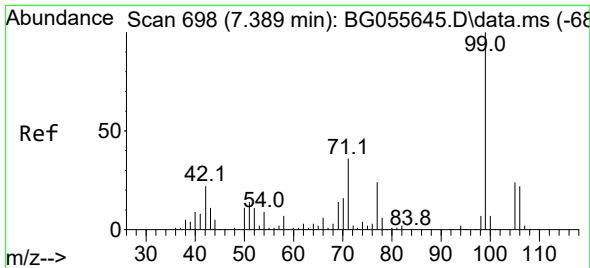
Tgt Ion:152 Resp: 46593
 Ion Ratio Lower Upper
 152 100
 150 149.7 123.0 184.6
 115 57.3 47.0 70.4



#5
 2-Fluorophenol
 Concen: 101.999 ng
 RT: 5.705 min Scan# 411
 Delta R.T. 0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion:112 Resp: 262926
 Ion Ratio Lower Upper
 112 100
 64 68.0 50.6 76.0
 63 37.3 27.5 41.3

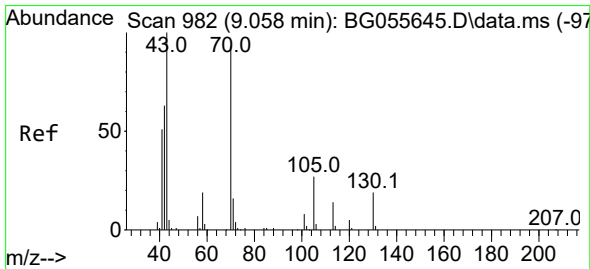
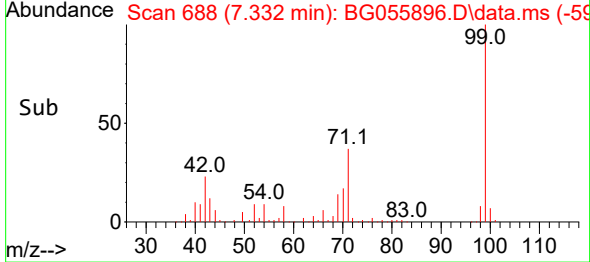
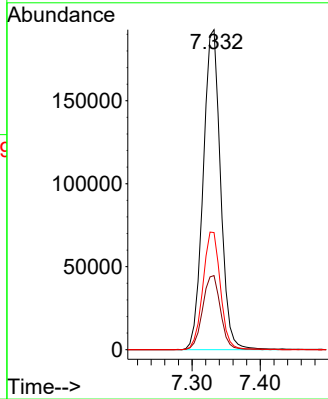
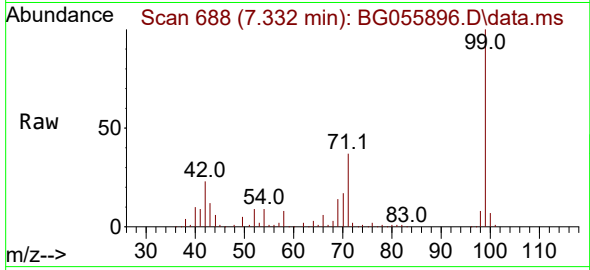




#7
 Phenol-d6
 Concen: 99.294 ng
 RT: 7.332 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

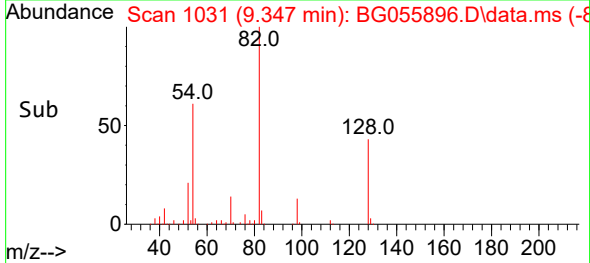
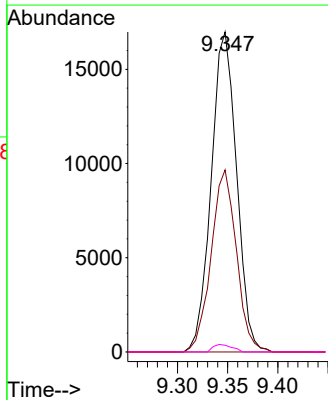
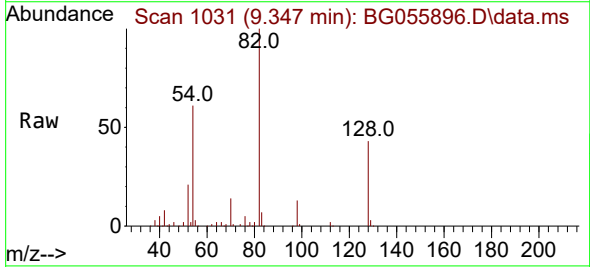
Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

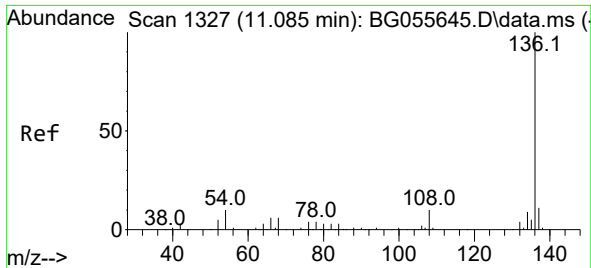
Tgt Ion	Resp	Lower	Upper
99	340716		
42	23.2	18.0	27.0
71	36.6	29.0	43.6



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.303 ng
 RT: 9.347 min Scan# 1031
 Delta R.T. 0.367 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

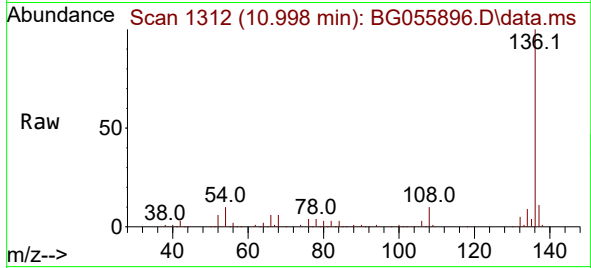
Tgt Ion	Resp	Lower	Upper
70	29801		
42	56.9	55.2	82.8
101	0.0	7.1	10.7#
130	2.1	16.1	24.1#



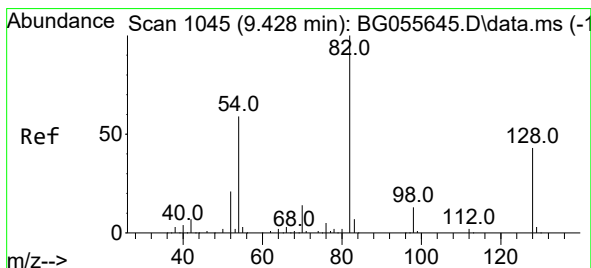
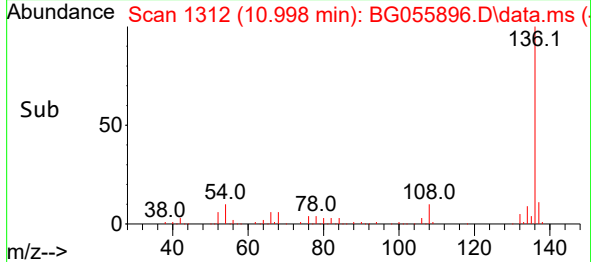
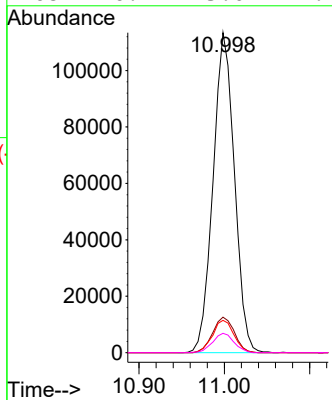


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.998 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

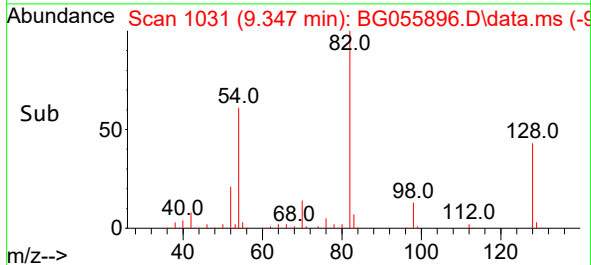
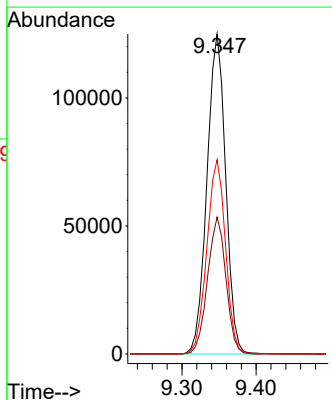
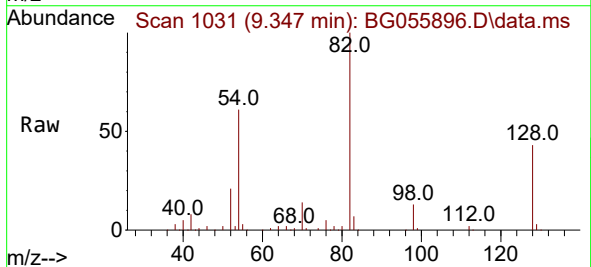


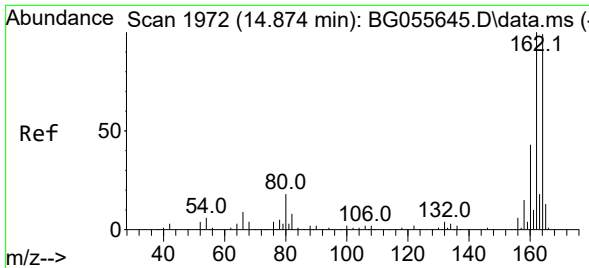
Tgt Ion:136 Resp: 197667
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.0 13.6
 54 10.1 7.8 11.6
 68 6.1 5.0 7.4



#23
 Nitrobenzene-d5
 Concen: 58.394 ng
 RT: 9.347 min Scan# 1031
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

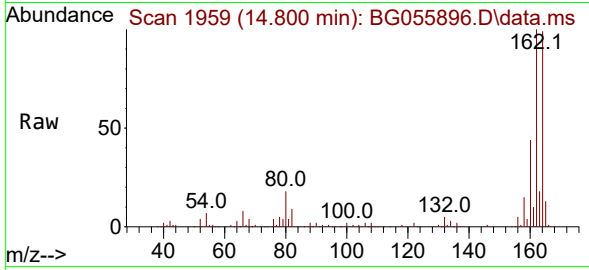
Tgt Ion: 82 Resp: 218383
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.1 51.1
 54 60.7 47.3 70.9



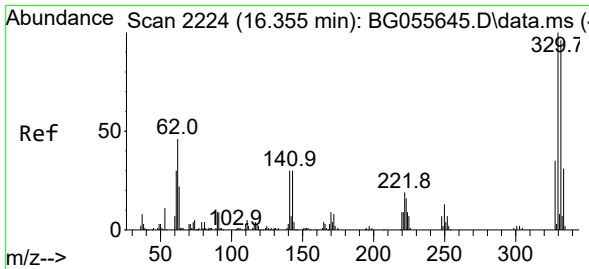
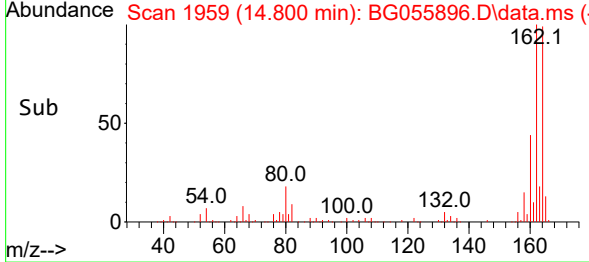
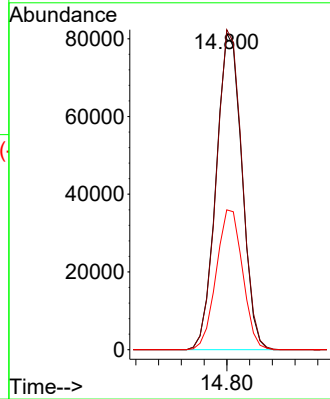


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.800 min Scan# 1972
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

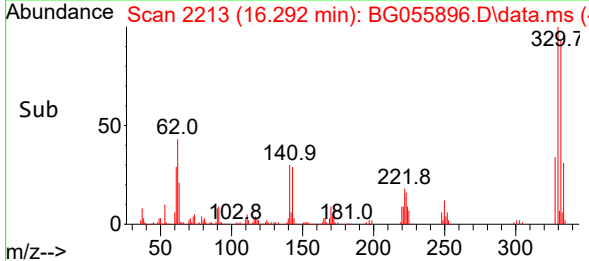
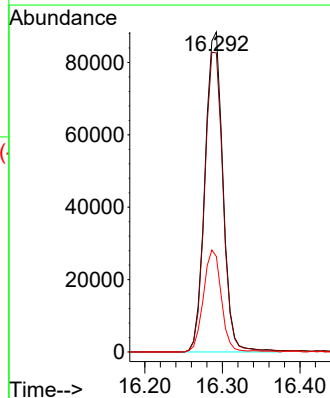
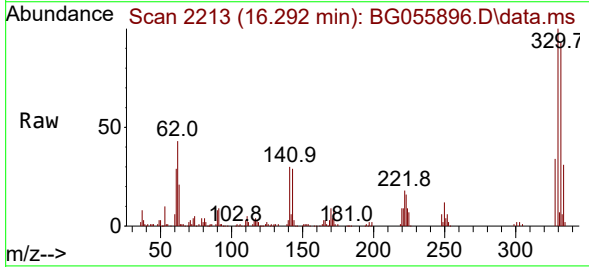


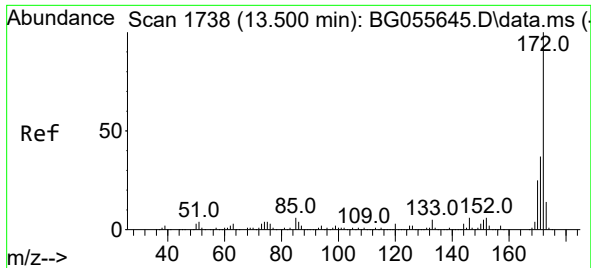
Tgt Ion:164 Resp: 128148
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.1 121.7
 160 44.2 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 78.920 ng
 RT: 16.292 min Scan# 2213
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion:330 Resp: 142411
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.8
 141 31.5 23.9 35.9



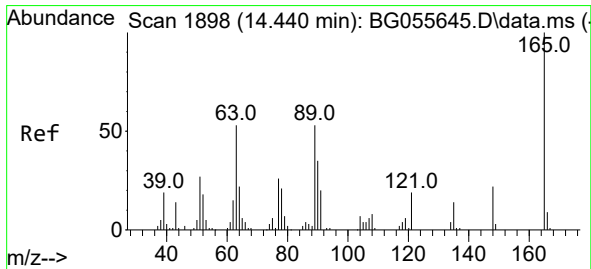
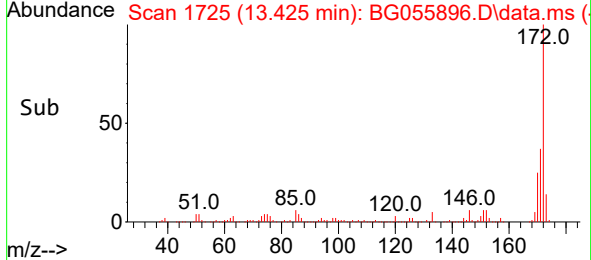
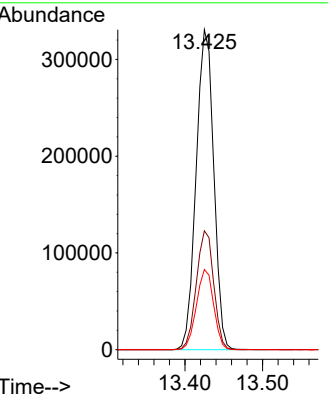
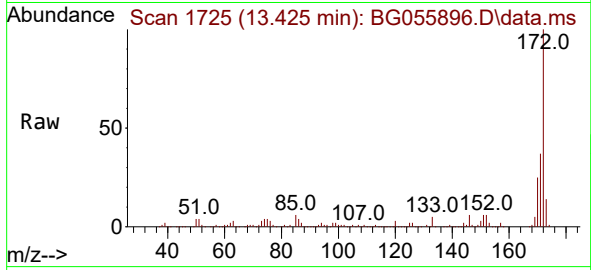


#45
 2-Fluorobiphenyl
 Concen: 60.971 ng
 RT: 13.425 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

Tgt Ion:172 Resp: 521543

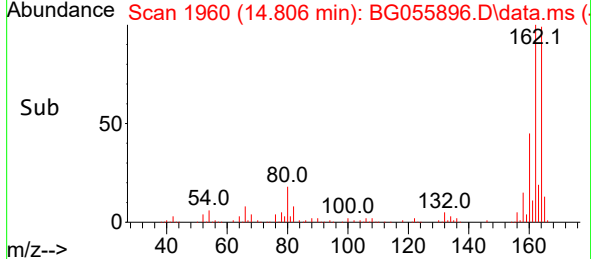
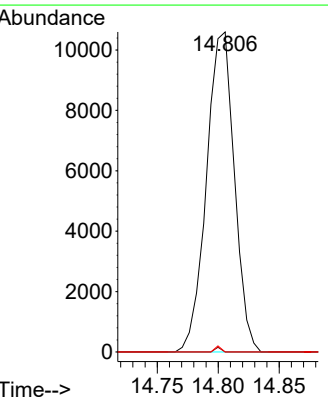
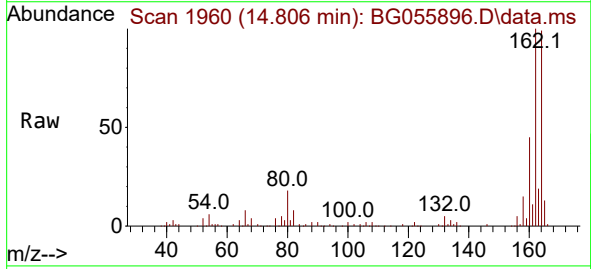
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.1	20.2	30.4

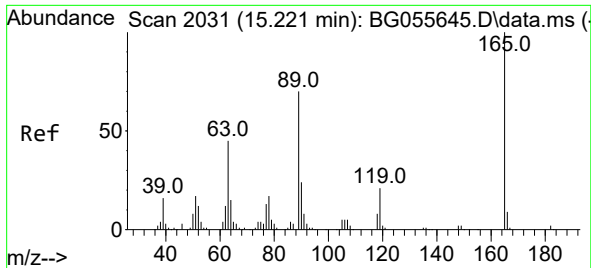


#51
 2,6-Dinitrotoluene
 Concen: 8.071 ng
 RT: 14.806 min Scan# 1960
 Delta R.T. 0.426 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion:165 Resp: 16859

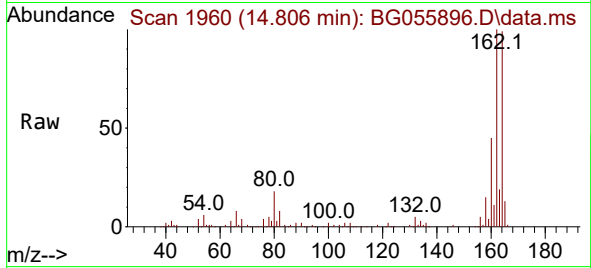
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	0.0	42.2	63.4#



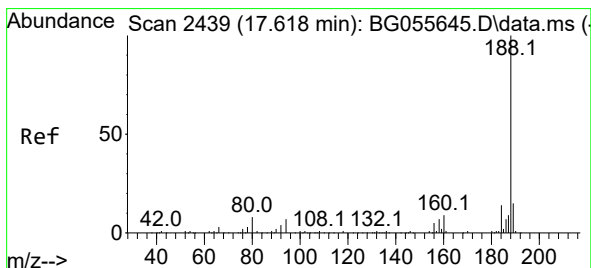
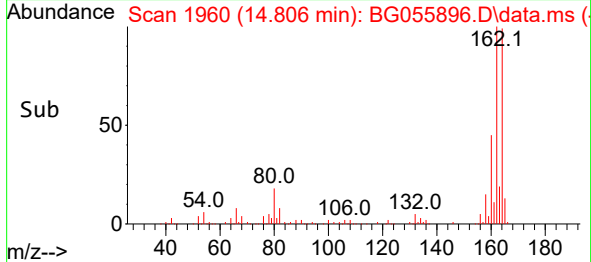
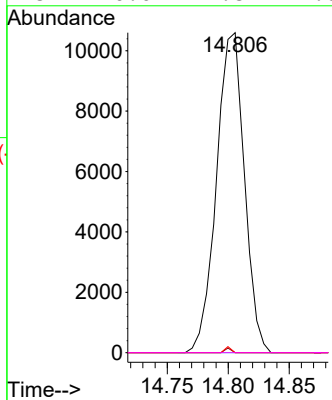


#57
 2,4-Dinitrotoluene
 Concen: 5.725 ng
 RT: 14.806 min Scan# 14
 Delta R.T. -0.362 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
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 ClientSampleId :
 SU-4-120222

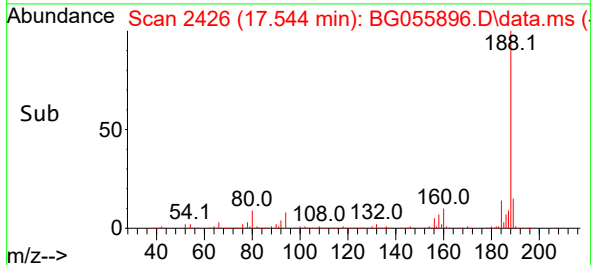
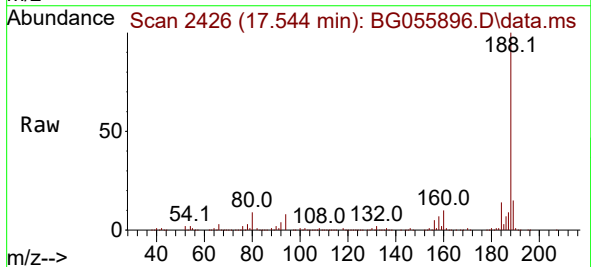
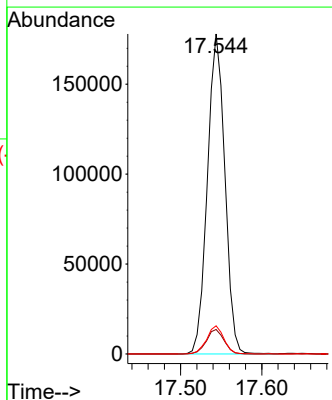


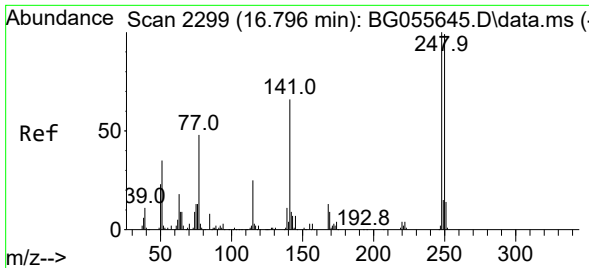
Tgt Ion:165 Resp: 16859
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.8 53.8#
 89 0.0 56.2 84.4#
 182 0.0 1.8 2.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.544 min Scan# 2426
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

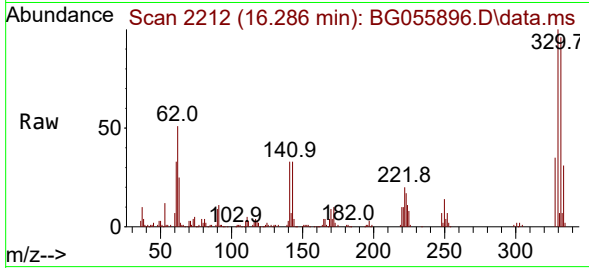
Tgt Ion:188 Resp: 265343
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.4 8.2
 80 8.8 6.6 10.0



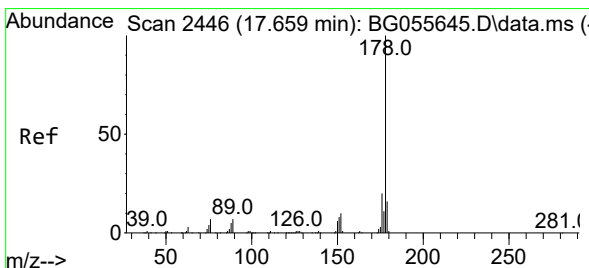
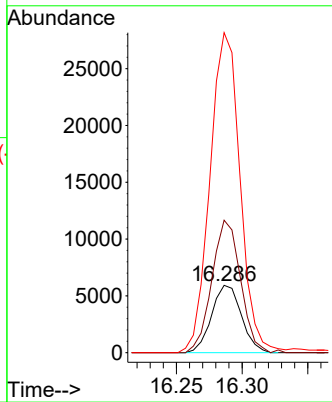
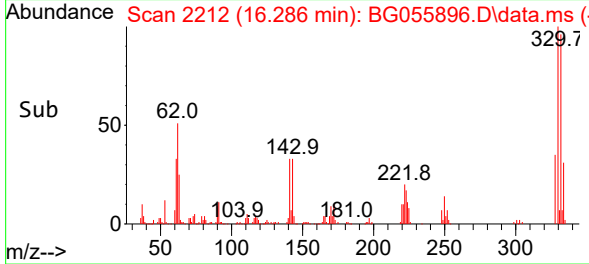


#67
 4-Bromophenyl-phenylether
 Concen: 3.088 ng
 RT: 16.286 min Scan# 2111
 Delta R.T. -0.444 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

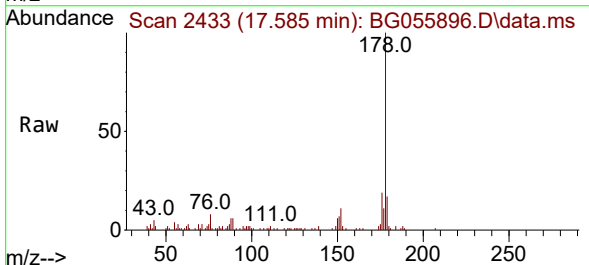
Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222



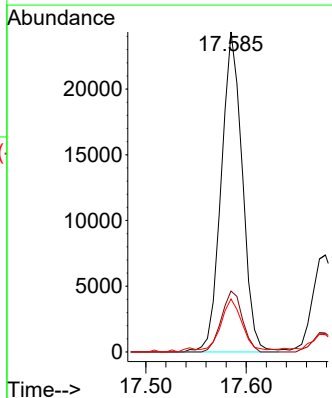
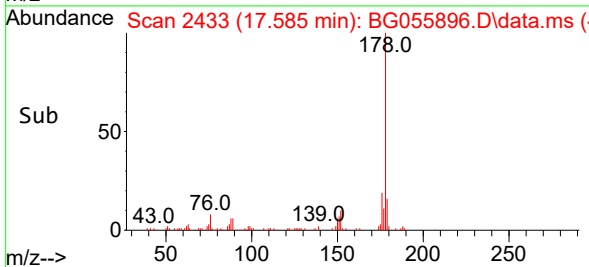
Tgt Ion:248 Resp: 9336
 Ion Ratio Lower Upper
 248 100
 250 196.6 79.0 118.4#
 141 475.2 52.9 79.3#

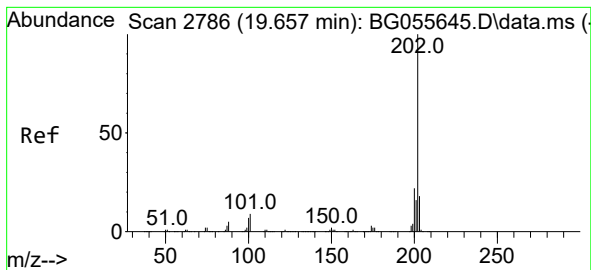


#71
 Phenanthrene
 Concen: 2.480 ng
 RT: 17.585 min Scan# 2433
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35



Tgt Ion:178 Resp: 35506
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.5 12.7 19.1



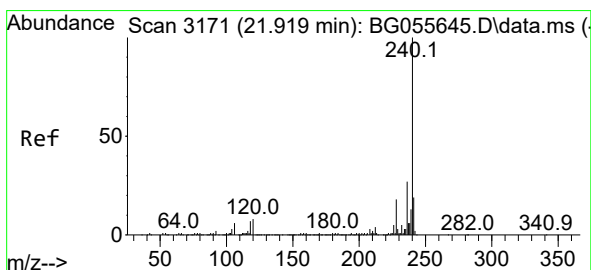
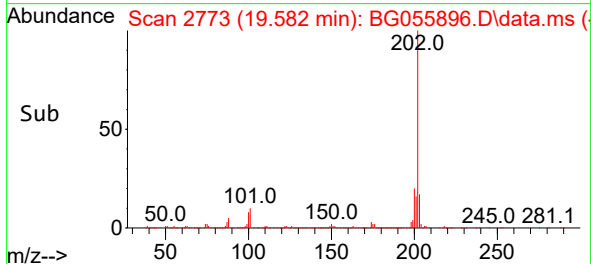
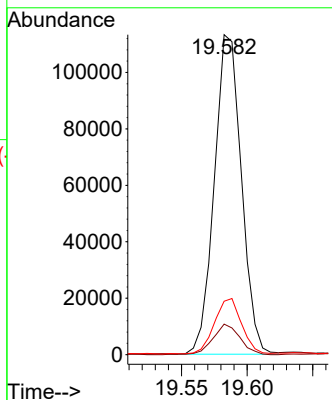
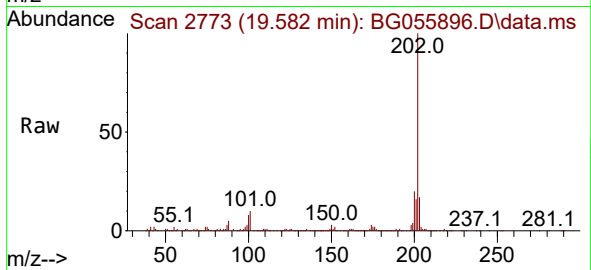


#75
 Fluoranthene
 Concen: 9.322 ng
 RT: 19.582 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

Tgt Ion: 202 Resp: 162392

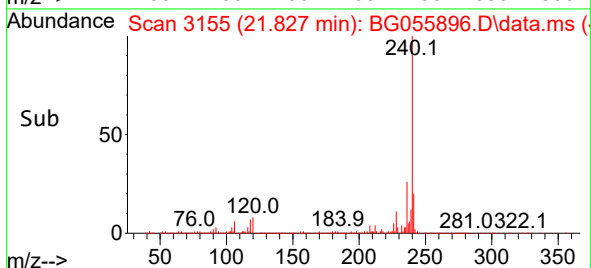
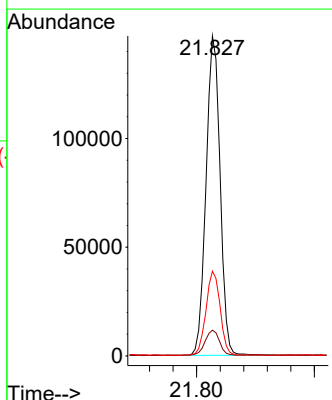
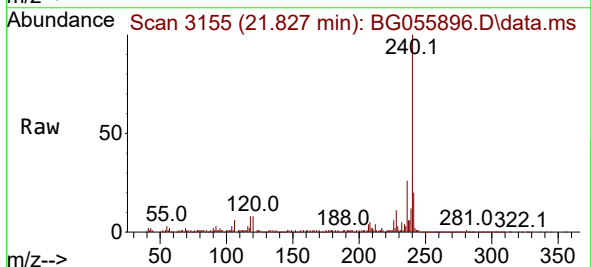
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.8
203	16.7	0.0	38.1

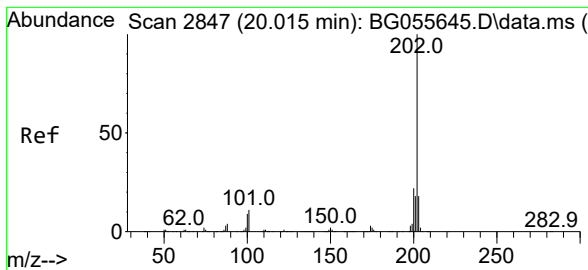


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion: 240 Resp: 243045

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.3	9.5
236	26.5	21.9	32.9



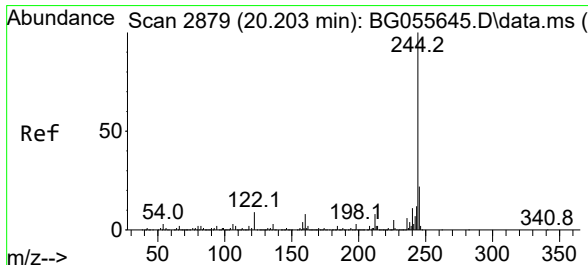
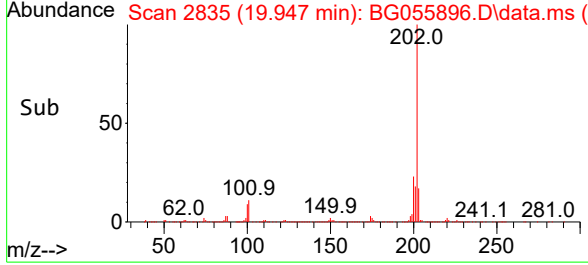
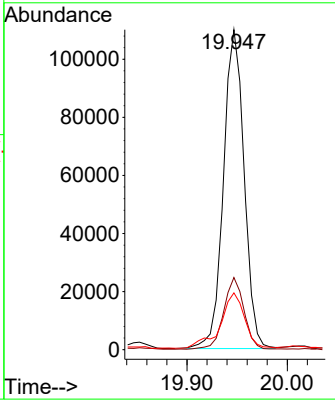
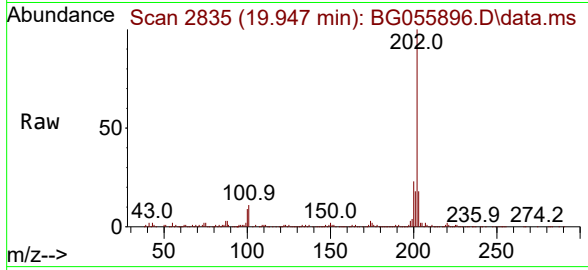


#78
 Pyrene
 Concen: 9.553 ng
 RT: 19.947 min Scan# 2835
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument : BNA_G
 Client Sample Id : SU-4-120222

Tgt Ion: 202 Resp: 157158

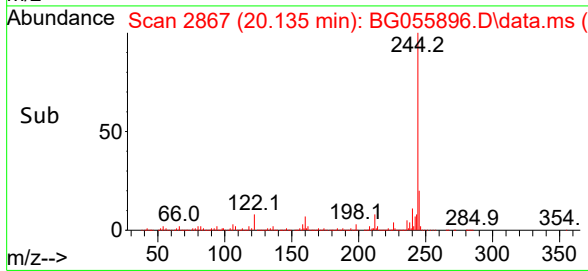
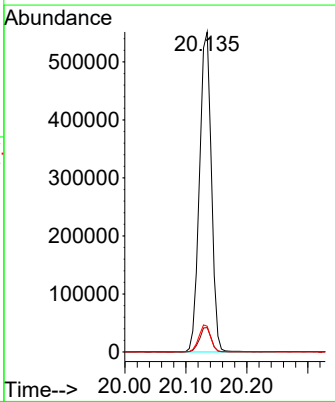
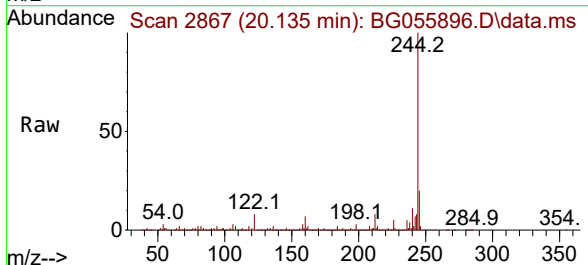
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	17.8	14.4	21.6

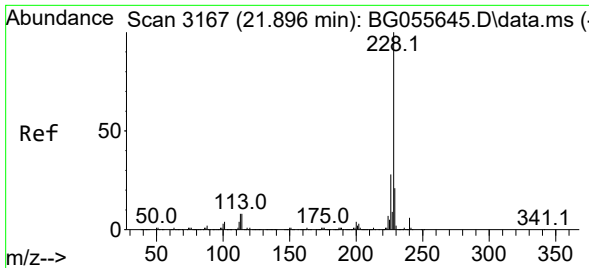


#79
 Terphenyl-d14
 Concen: 61.510 ng
 RT: 20.135 min Scan# 2867
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion: 244 Resp: 747434

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.0	6.9	10.3

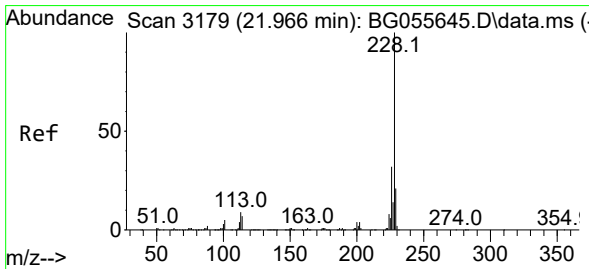
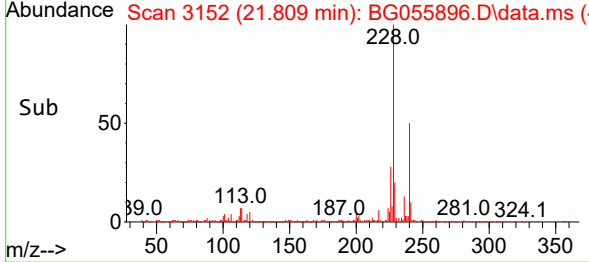
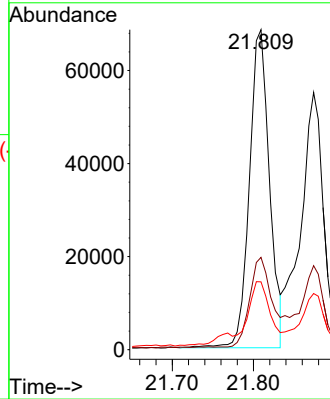
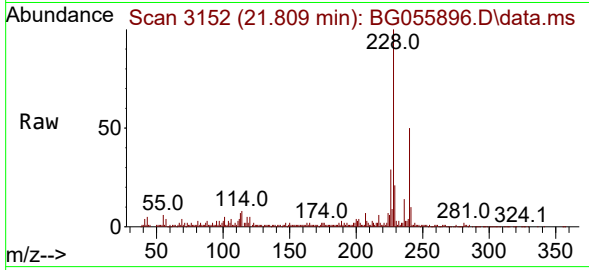




#81
 Benzo(a)anthracene
 Concen: 7.024 ng
 RT: 21.809 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

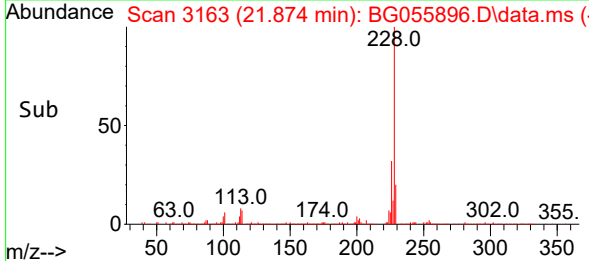
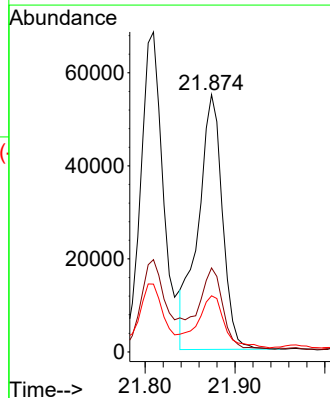
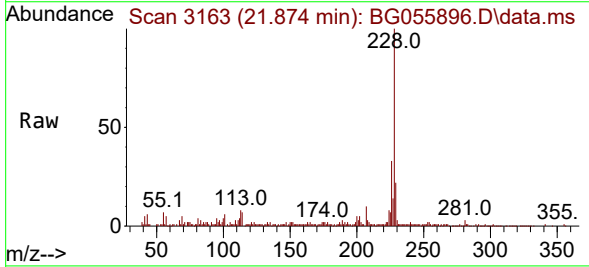
Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

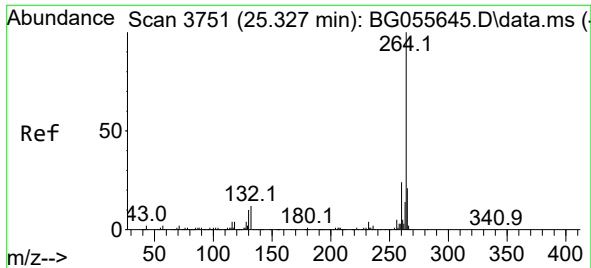
Tgt Ion:228 Resp: 117579
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.7 34.1
 229 21.2 16.5 24.7



#83
 Chrysene
 Concen: 6.476 ng
 RT: 21.874 min Scan# 3163
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

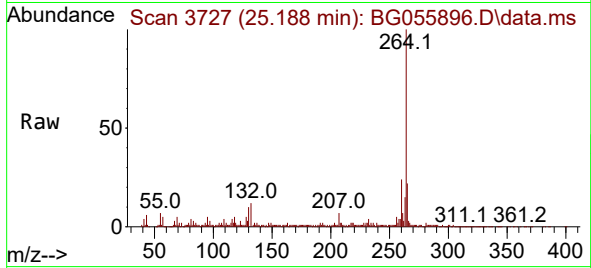
Tgt Ion:228 Resp: 103199
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.2
 229 21.8 17.1 25.7



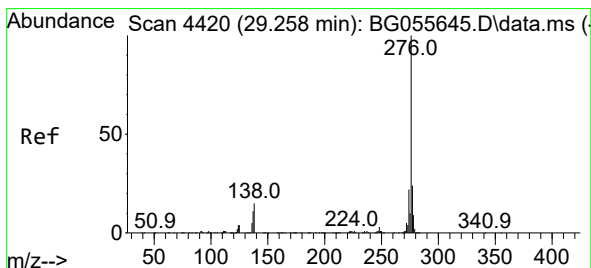
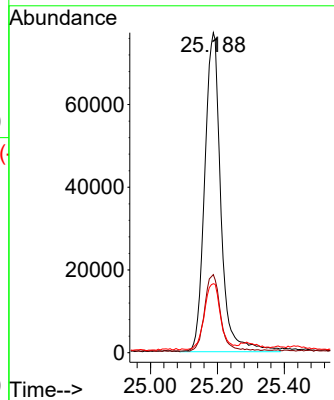
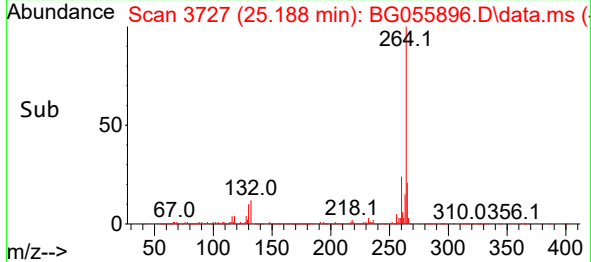


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.188 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

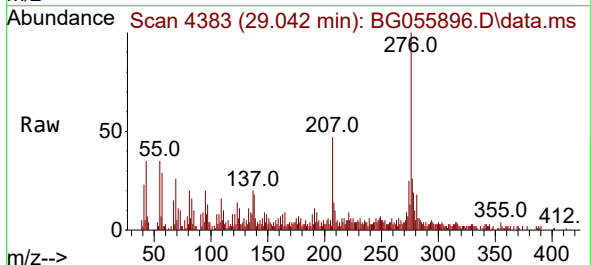
Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222



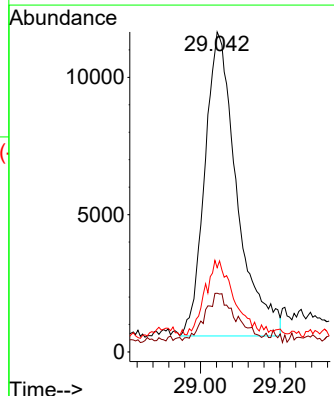
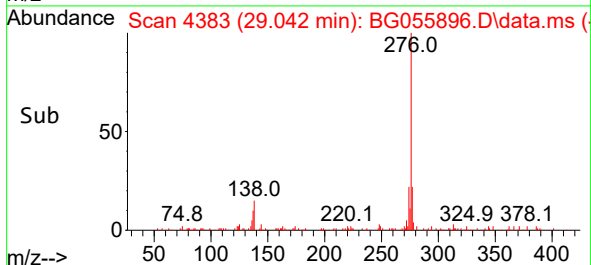
Tgt Ion:264 Resp: 258321
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.1 25.7

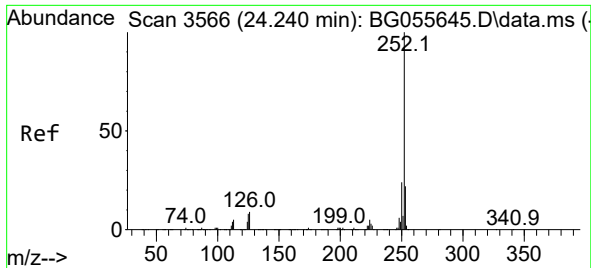


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.939 ng
 RT: 29.042 min Scan# 4383
 Delta R.T. -0.015 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35



Tgt Ion:276 Resp: 62198
 Ion Ratio Lower Upper
 276 100
 138 11.9 10.4 15.6
 277 21.6 20.2 30.4

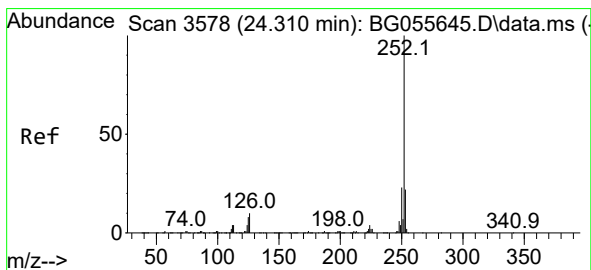
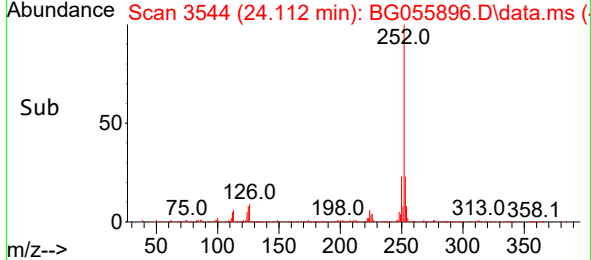
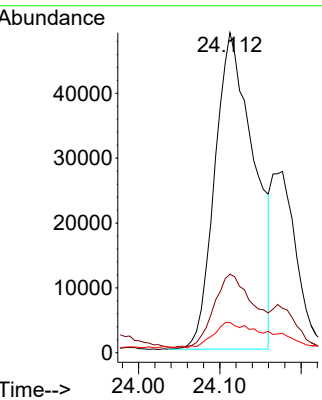
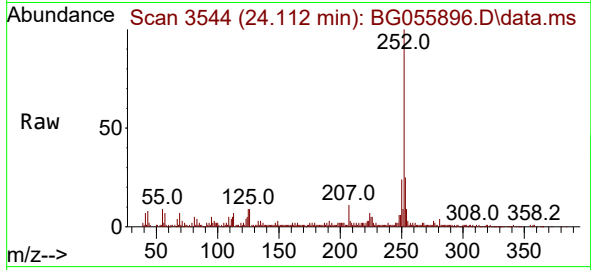




#88
 Benzo(b)fluoranthene
 Concen: 9.743 ng
 RT: 24.112 min Scan# 3544
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

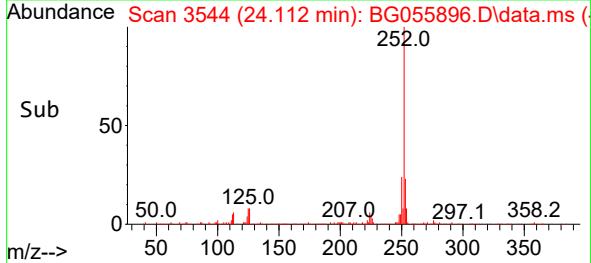
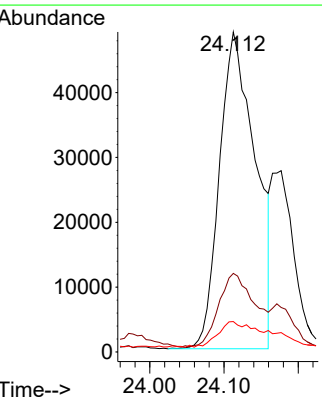
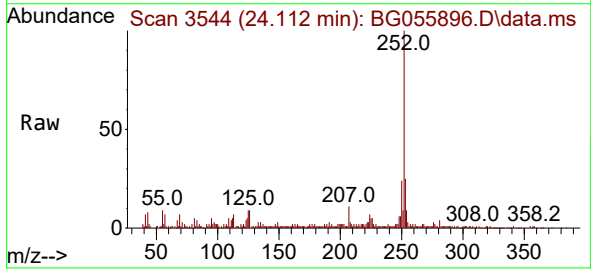
Instrument : BNA_G
 ClientSampleId : SU-4-120222

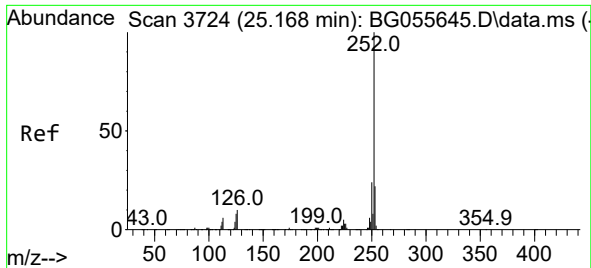
Tgt Ion	Resp	Lower	Upper
252	163905		
253	24.6	18.0	27.0
125	9.5	6.2	9.2



#89
 Benzo(k)fluoranthene
 Concen: 9.800 ng
 RT: 24.112 min Scan# 3544
 Delta R.T. -0.074 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion	Resp	Lower	Upper
252	164333		
253	24.6	17.8	26.6
125	9.5	6.1	9.1

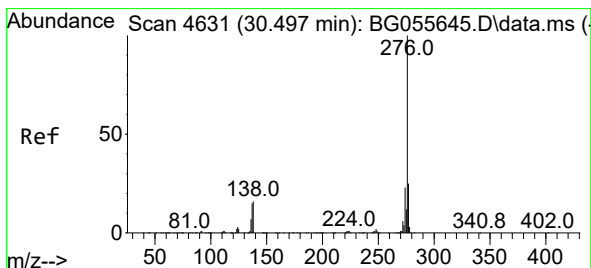
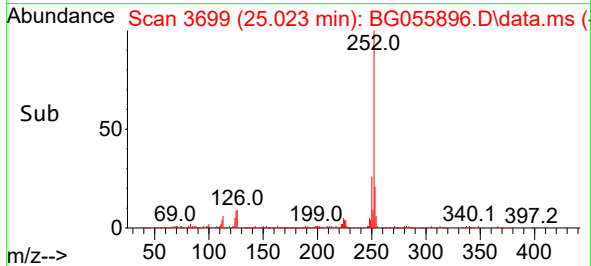
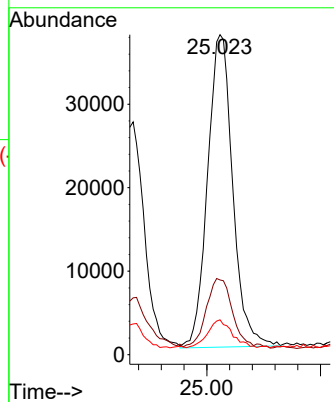
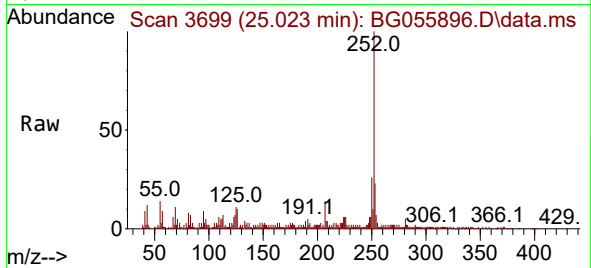




#90
 Benzo(a)pyrene
 Concen: 7.949 ng
 RT: 25.023 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-4-120222

Tgt Ion:252 Resp: 114749
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.6
 125 10.9 6.4 9.6#



#92
 Benzo(g,h,i)perylene
 Concen: 3.009 ng
 RT: 30.258 min Scan# 4590
 Delta R.T. -0.009 min
 Lab File: BG055896.D
 Acq: 5 Dec 2022 22:35

Tgt Ion:276 Resp: 52446
 Ion Ratio Lower Upper
 276 100
 277 30.1 19.8 29.6#
 138 23.1 13.1 19.7#

