

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055837.D
 Acq On : 29 Nov 2022 20:50
 Operator : CG/JU
 Sample : N5787-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Quant Time: Nov 30 02:06:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

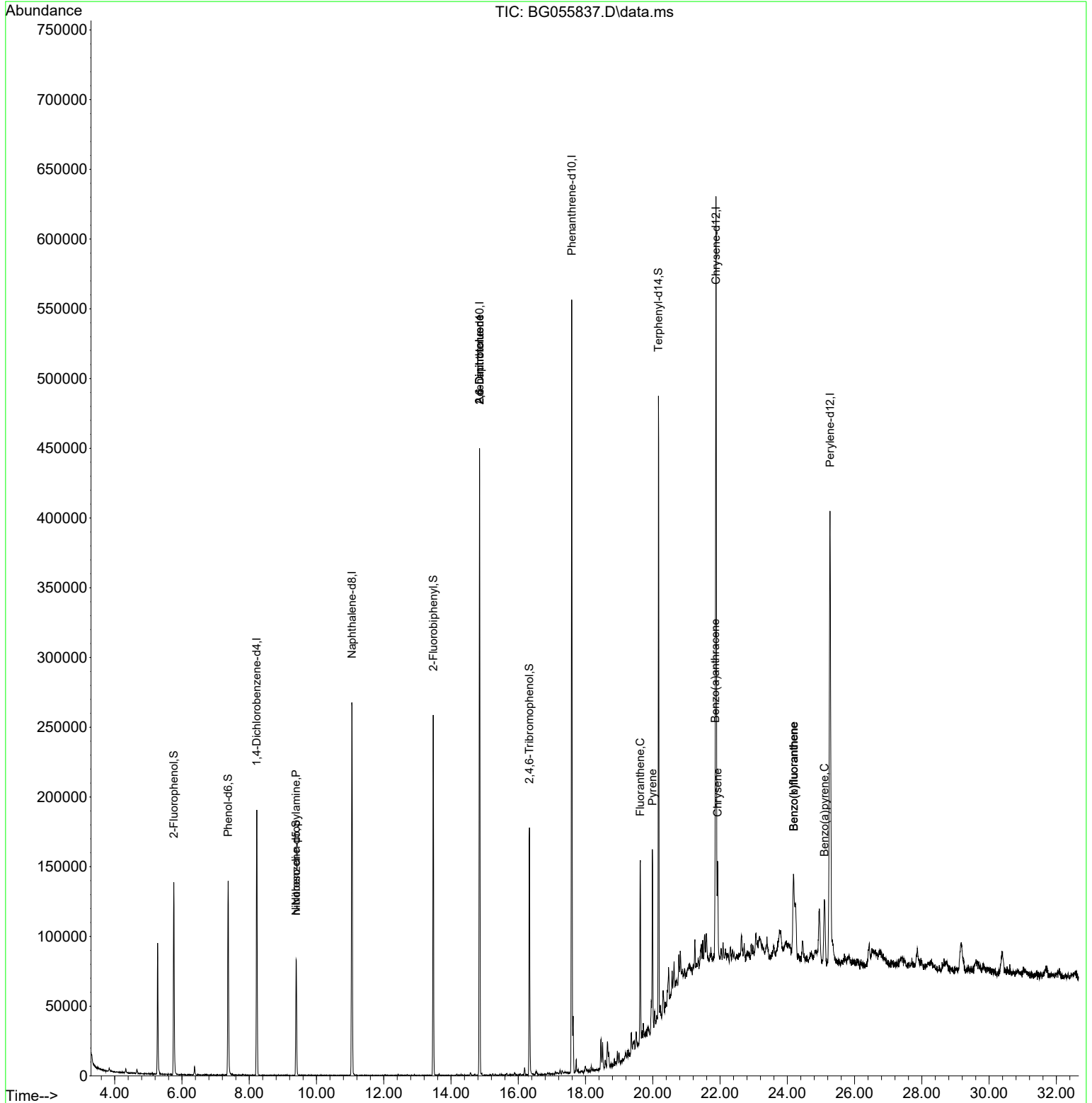
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	56972	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	236602	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	163105	20.000	ng	0.00
64) Phenanthrene-d10	17.590	188	353073	20.000	ng	0.00
76) Chrysene-d12	21.879	240	331411	20.000	ng	0.00
86) Perylene-d12	25.269	264	354790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	62568	19.851	ng	0.00
7) Phenol-d6	7.372	99	83558	19.915	ng	0.00
23) Nitrobenzene-d5	9.394	82	51553	11.516	ng	0.00
42) 2,4,6-Tribromophenol	16.333	330	39903	17.374	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	134911	12.392	ng	0.00
79) Terphenyl-d14	20.169	244	223534	13.491	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.394	70	6893	2.138	ng	# 67
51) 2,6-Dinitrotoluene	14.846	165	21367	8.037	ng	# 27
57) 2,4-Dinitrotoluene	14.846	165	21367	5.701	ng	# 25
75) Fluoranthene	19.629	202	84070	3.627	ng	98
78) Pyrene	19.987	202	81254	3.622	ng	99
81) Benzo(a)anthracene	21.855	228	56619	2.480	ng	98
83) Chrysene	21.926	228	54451	2.506	ng	97
88) Benzo(b)fluoranthene	24.188	252	75742	3.278	ng	97
89) Benzo(k)fluoranthene	24.188	252	75742	3.289	ng	96
90) Benzo(a)pyrene	25.105	252	54085	2.728	ng	# 93

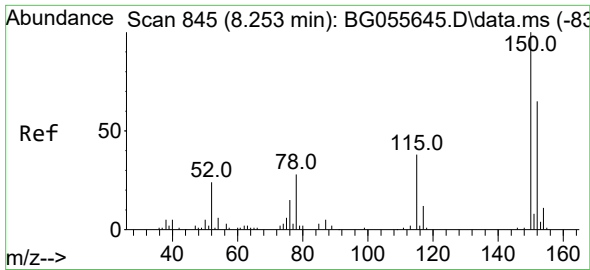
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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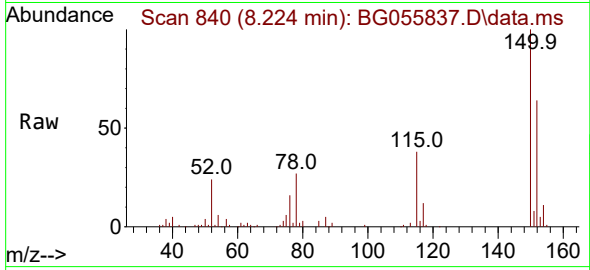
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration



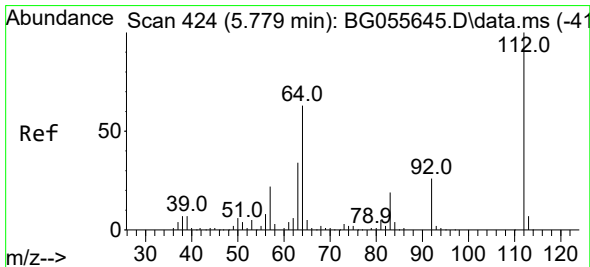
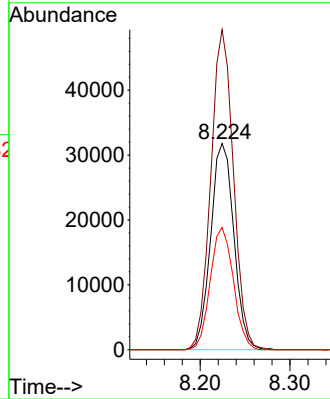
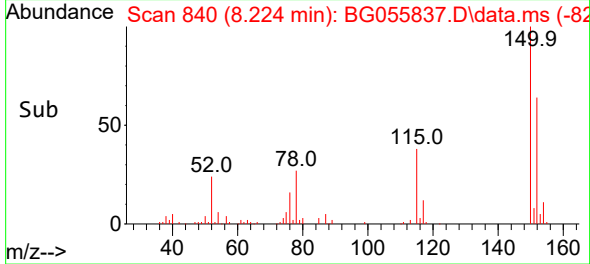


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.224 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

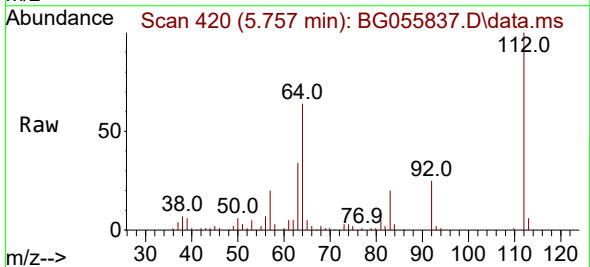
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK



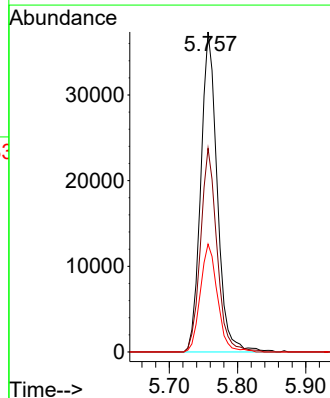
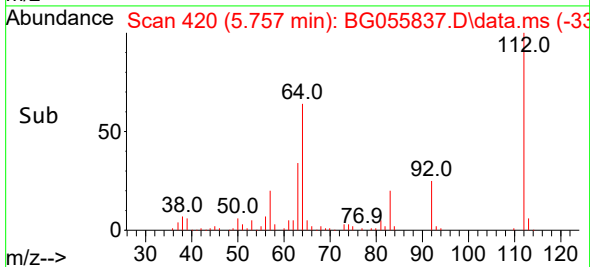
Tgt Ion:152 Resp: 56972
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.6
 115 59.3 47.0 70.4

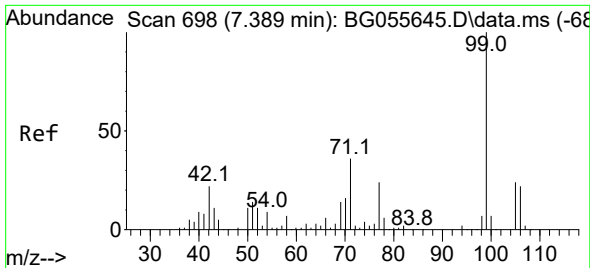


#5
 2-Fluorophenol
 Concen: 19.851 ng
 RT: 5.757 min Scan# 420
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50



Tgt Ion:112 Resp: 62568
 Ion Ratio Lower Upper
 112 100
 64 63.7 50.6 76.0
 63 33.7 27.5 41.3



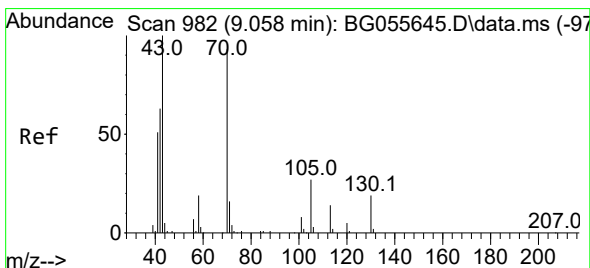
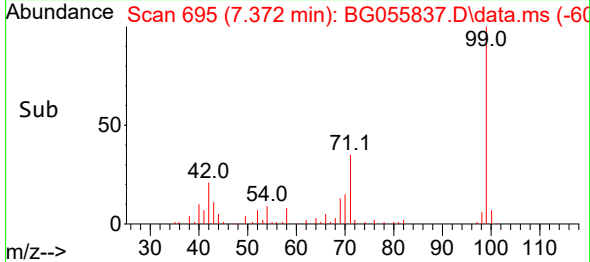
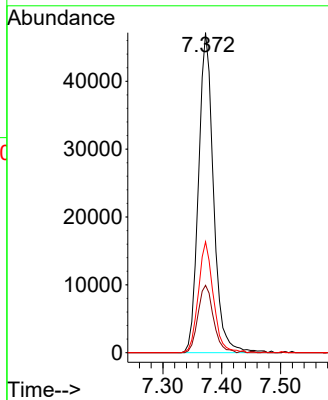
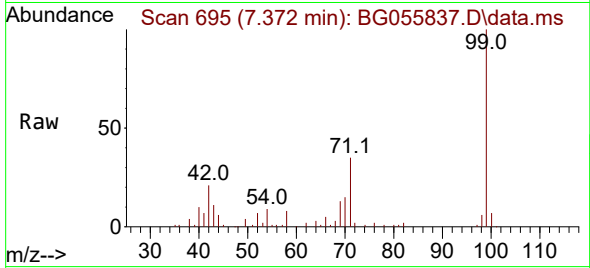


#7
 Phenol-d6
 Concen: 19.915 ng
 RT: 7.372 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Tgt Ion: 99 Resp: 83558

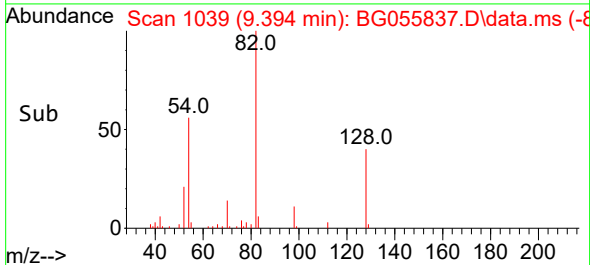
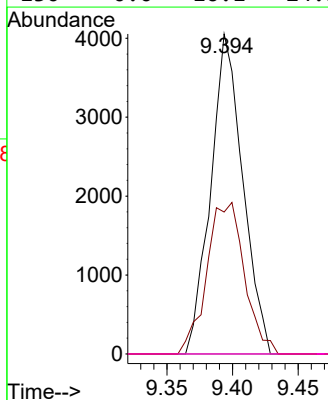
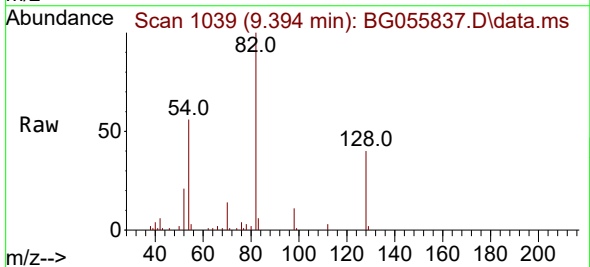
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.0	27.0
71	34.6	29.0	43.6

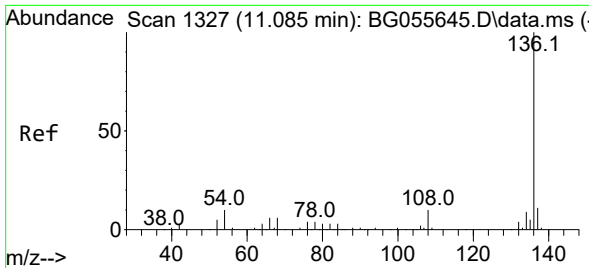


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.138 ng
 RT: 9.394 min Scan# 1039
 Delta R.T. 0.363 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion: 70 Resp: 6893

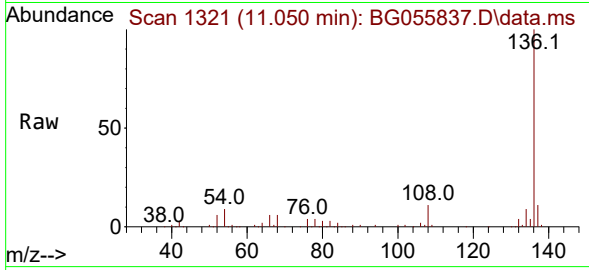
Ion	Ratio	Lower	Upper
70	100		
42	44.3	55.2	82.8#
101	0.0	7.1	10.7#
130	0.0	16.1	24.1#



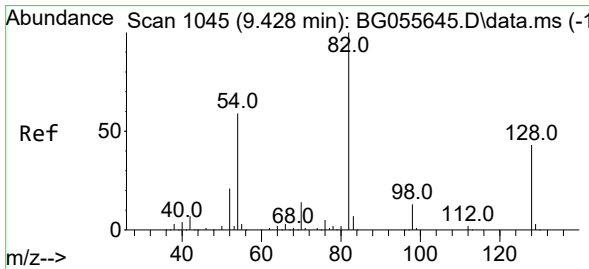
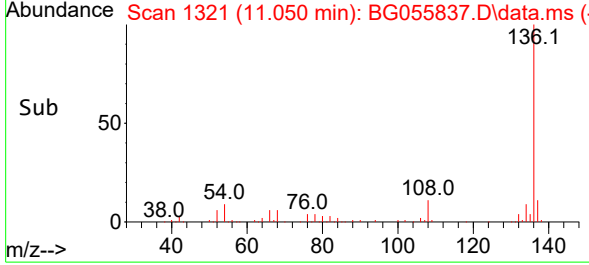
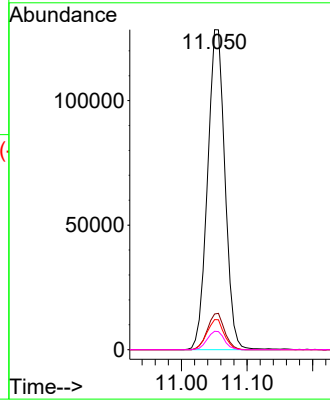


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.050 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

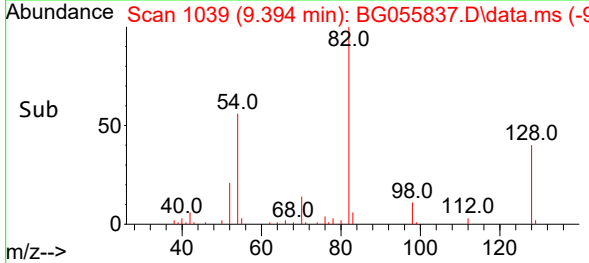
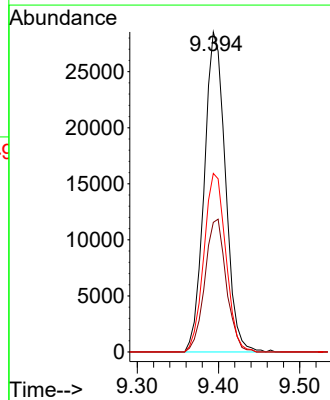
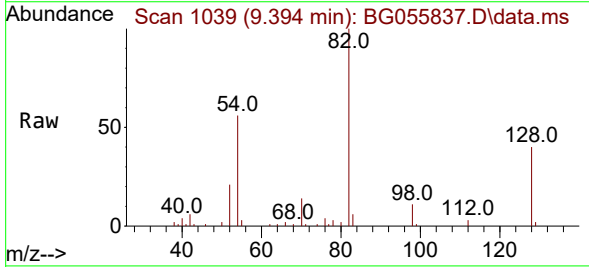


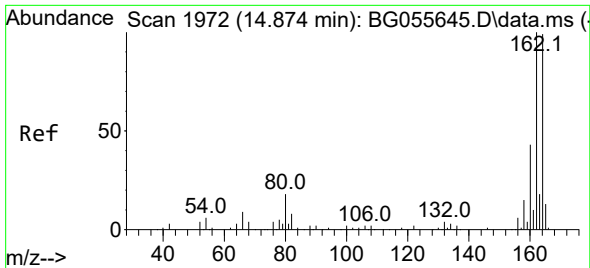
Tgt Ion:136 Resp: 236602
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.0 13.6
 54 9.4 7.8 11.6
 68 5.8 5.0 7.4



#23
 Nitrobenzene-d5
 Concen: 11.516 ng
 RT: 9.394 min Scan# 1039
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion: 82 Resp: 51553
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.1 51.1
 54 55.8 47.3 70.9



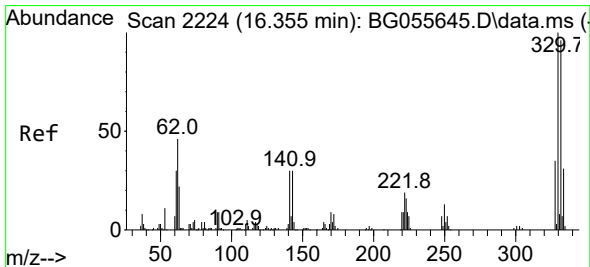
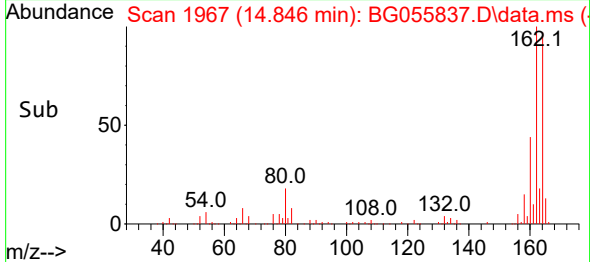
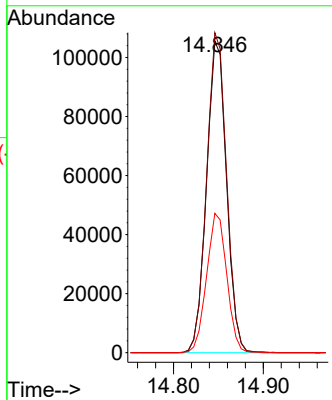
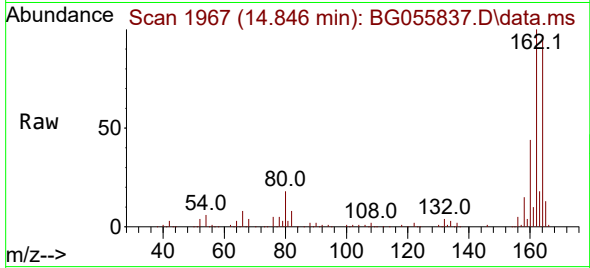


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.846 min Scan# 1967
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument : BNA_G
 ClientSampleId : SB-1-STOCK

Tgt Ion:164 Resp: 163105

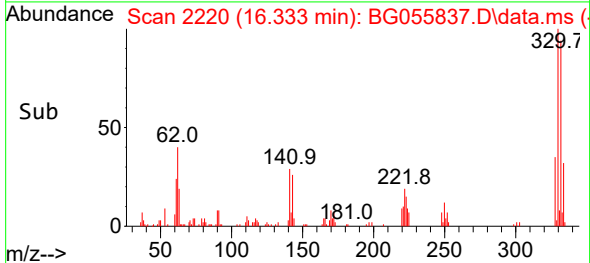
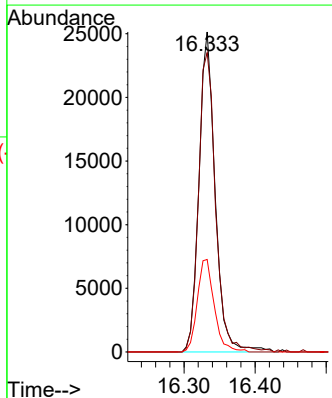
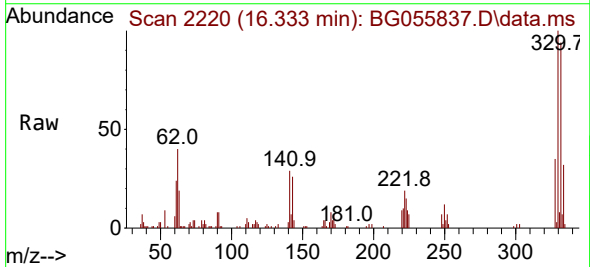
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	44.7	34.8	52.2

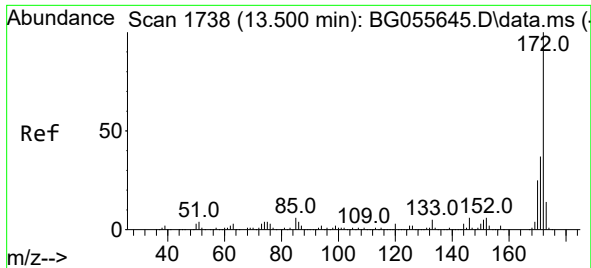


#42
 2,4,6-Tribromophenol
 Concen: 17.374 ng
 RT: 16.333 min Scan# 2220
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:330 Resp: 39903

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.8	116.8
141	30.3	23.9	35.9





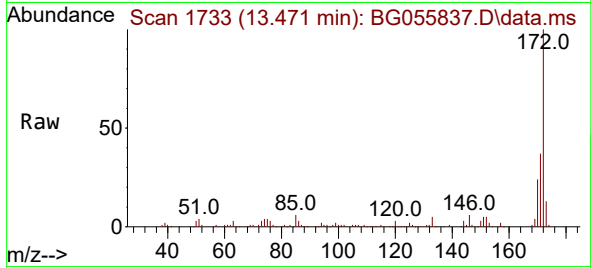
#45
 2-Fluorobiphenyl
 Concen: 12.392 ng
 RT: 13.471 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :

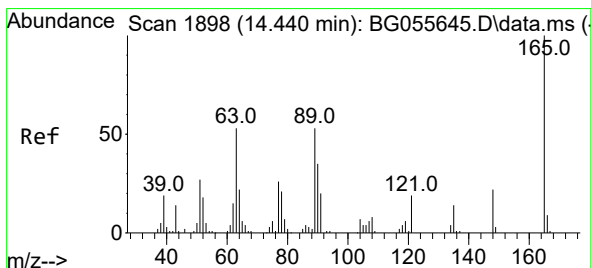
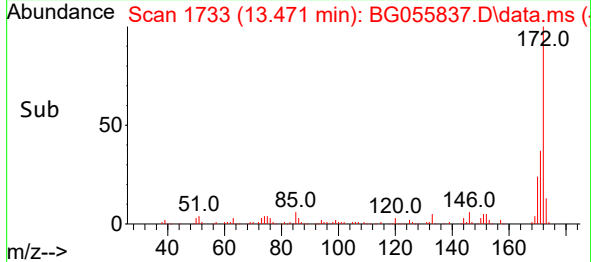
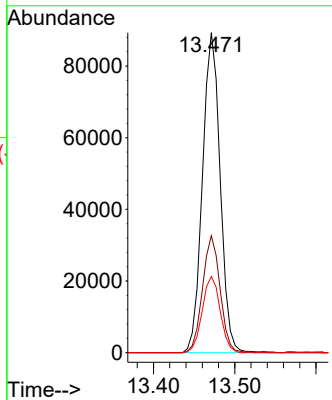
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ClientSampleId :

SB-1-STOCK

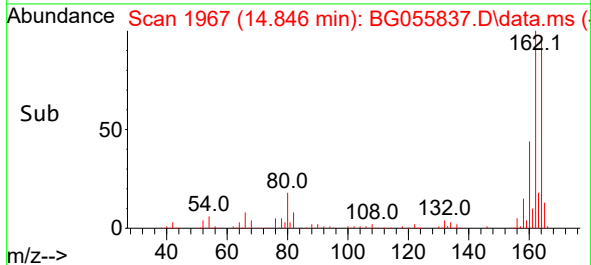
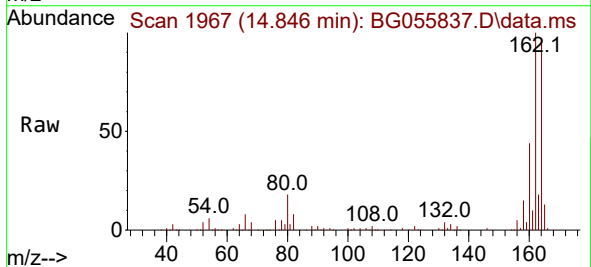
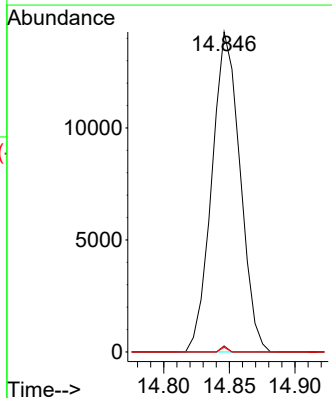


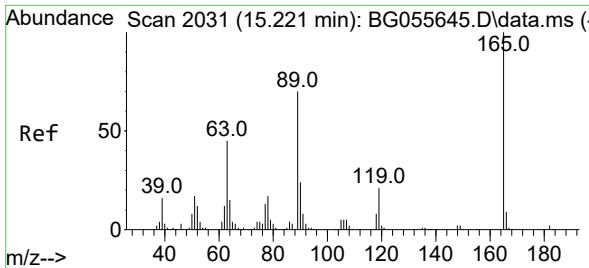
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 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 23.8 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 8.037 ng
 RT: 14.846 min Scan# 1967
 Delta R.T. 0.428 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:165 Resp: 21367
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.6 66.8#
 89 1.4 42.2 63.4#



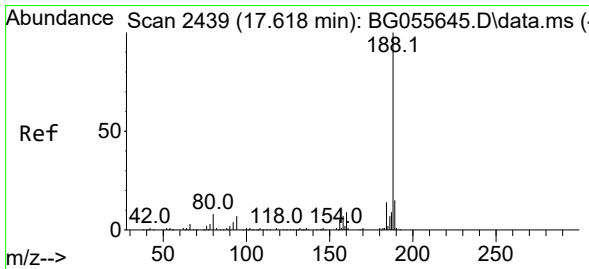
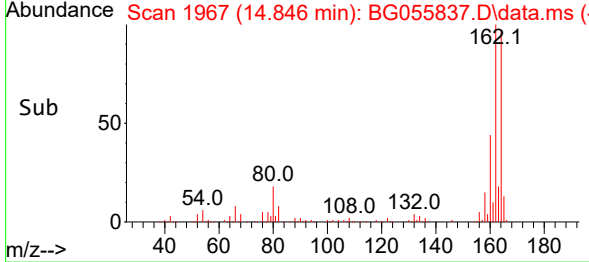
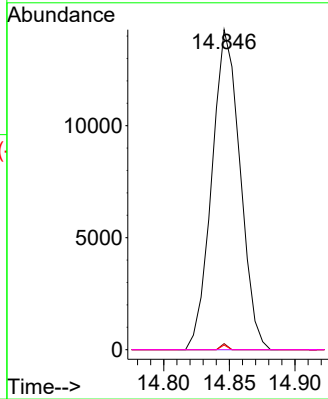
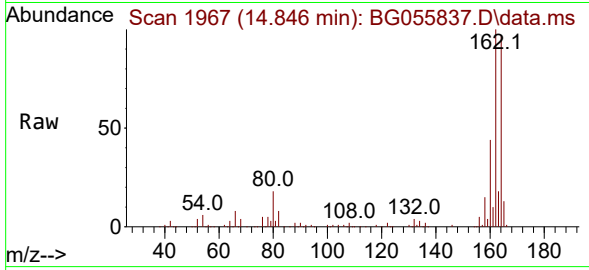


#57
 2,4-Dinitrotoluene
 Concen: 5.701 ng
 RT: 14.846 min Scan# 1967
 Delta R.T. -0.360 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument : BNA_G
 ClientSampleId : SB-1-STOCK

Tgt Ion:165 Resp: 21367

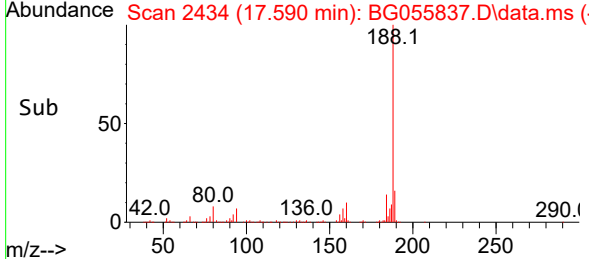
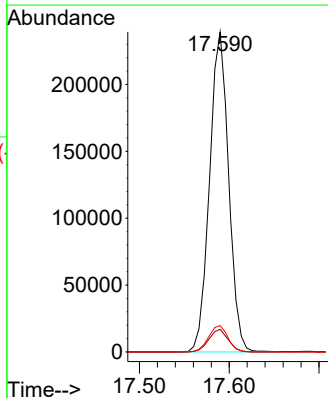
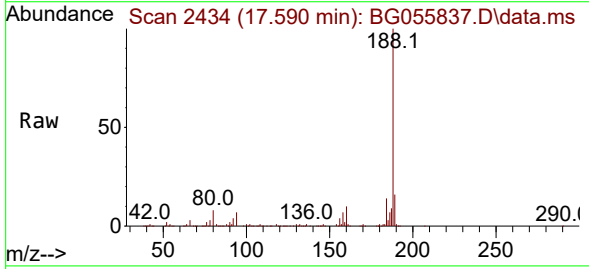
Ion	Ratio	Lower	Upper
165	100		
63	1.9	35.8	53.8#
89	1.4	56.2	84.4#
182	0.0	1.8	2.8#

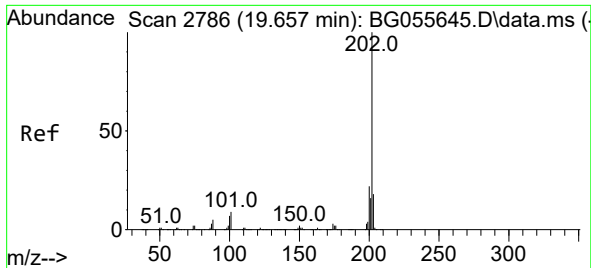


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.590 min Scan# 2434
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:188 Resp: 353073

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.2
80	8.2	6.6	10.0





#75
 Fluoranthene
 Concen: 3.627 ng
 RT: 19.629 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :

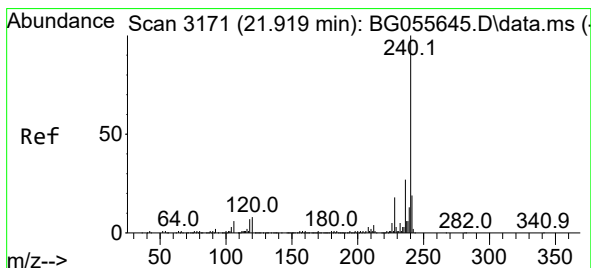
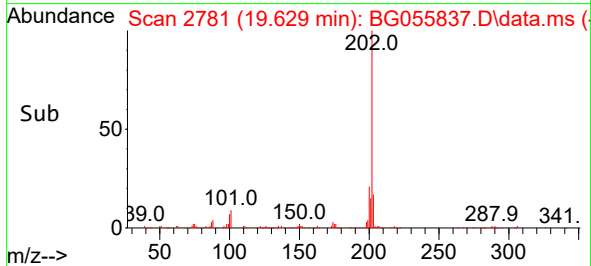
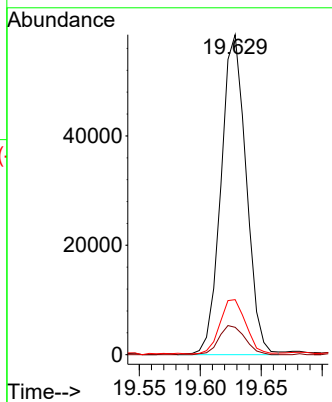
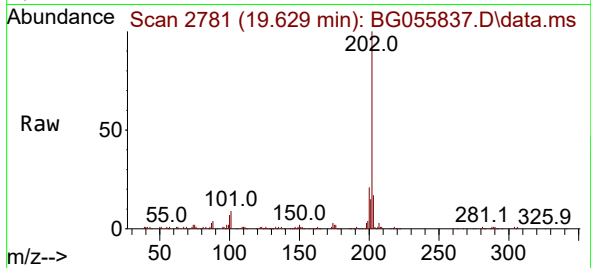
BNA_G

ClientSampleId :

SB-1-STOCK

Tgt Ion:202 Resp: 84070

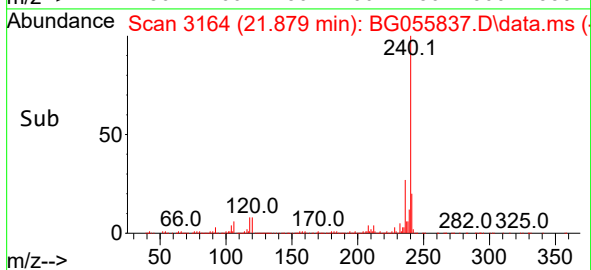
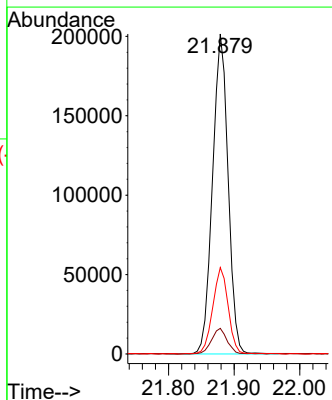
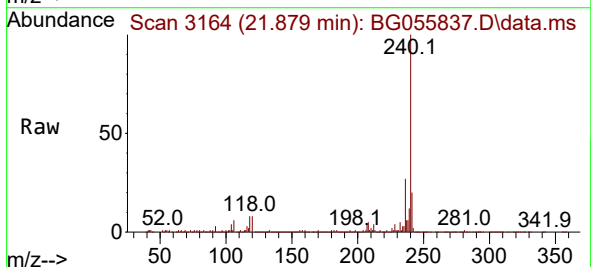
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.8
203	17.2	0.0	38.1

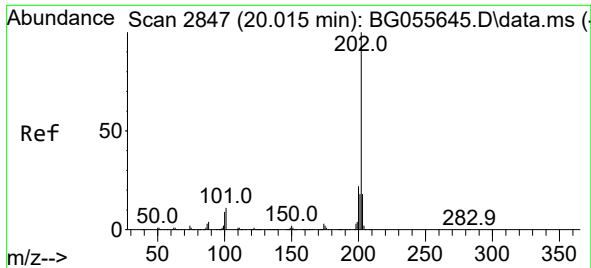


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.879 min Scan# 3164
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:240 Resp: 331411

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.3	9.5
236	27.0	21.9	32.9



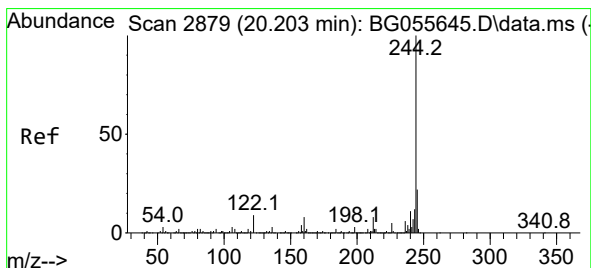
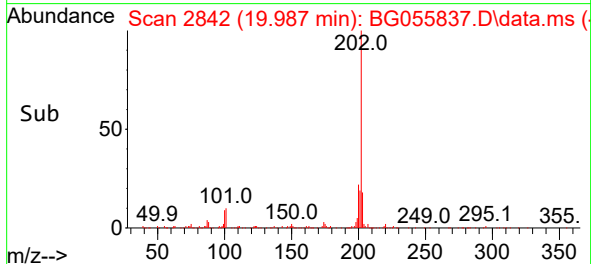
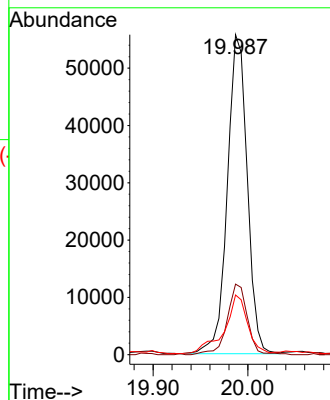
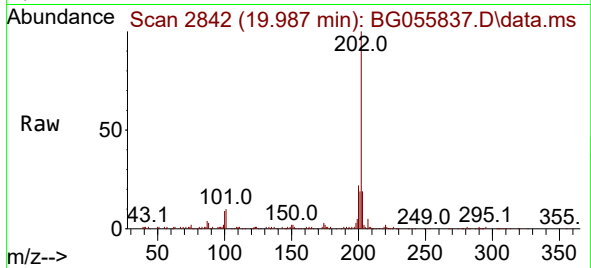


#78
 Pyrene
 Concen: 3.622 ng
 RT: 19.987 min Scan# 2842
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Tgt Ion:202 Resp: 81254

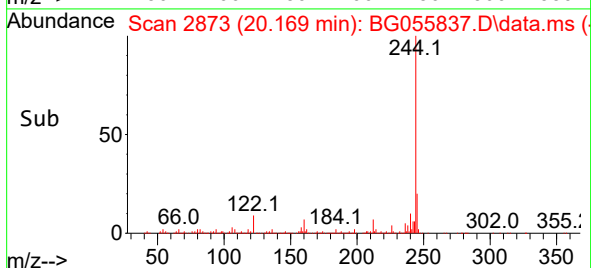
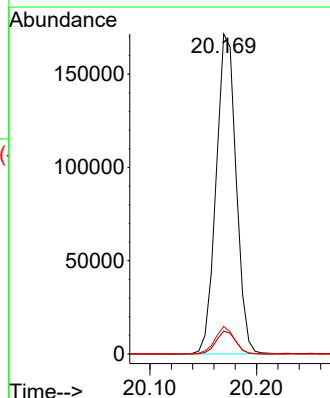
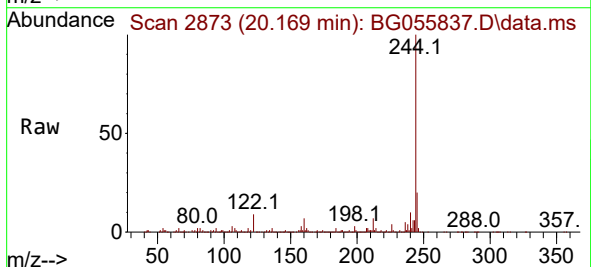
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.6	14.4	21.6

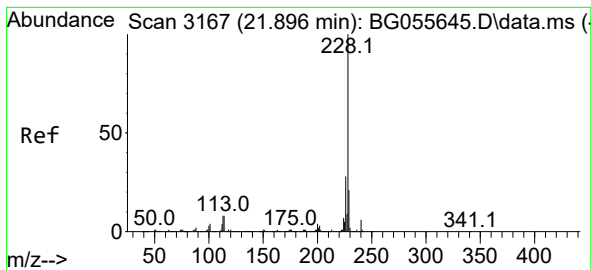


#79
 Terphenyl-d14
 Concen: 13.491 ng
 RT: 20.169 min Scan# 2873
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:244 Resp: 223534

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	8.6	6.9	10.3



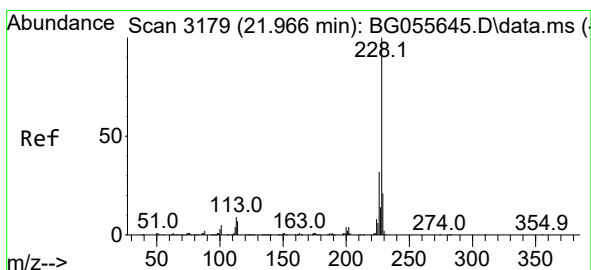
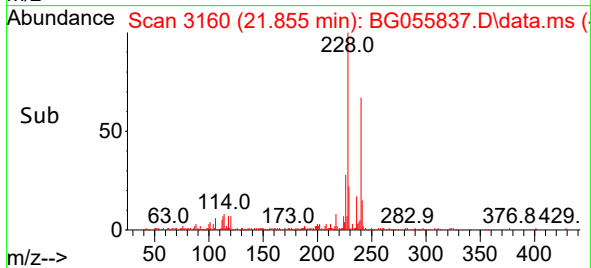
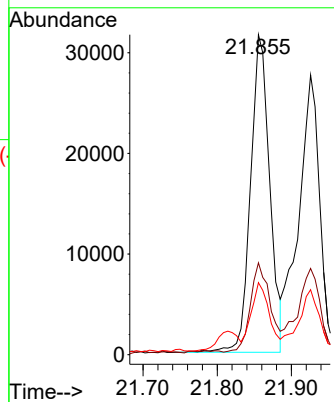
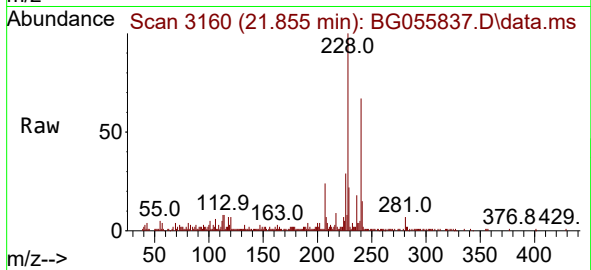


#81
 Benzo(a)anthracene
 Concen: 2.480 ng
 RT: 21.855 min Scan# 3160
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument : BNA_G
 ClientSampleId : SB-1-STOCK

Tgt Ion:228 Resp: 56619

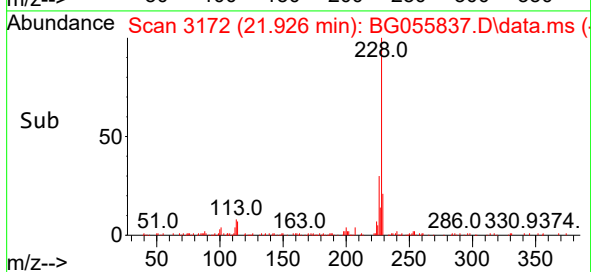
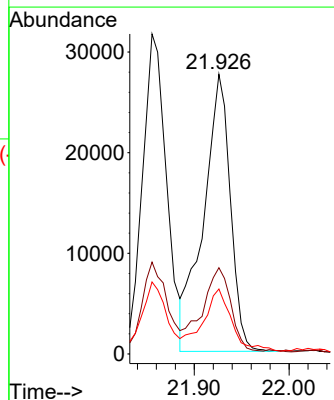
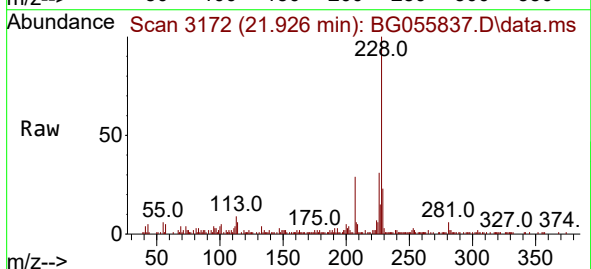
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	22.5	16.5	24.7

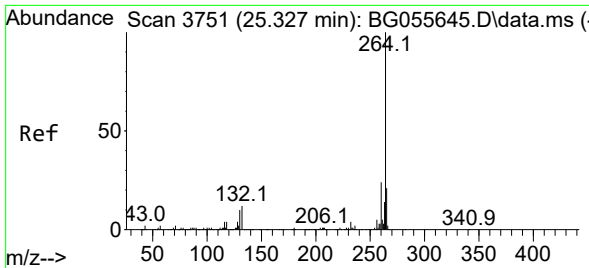


#83
 Chrysene
 Concen: 2.506 ng
 RT: 21.926 min Scan# 3172
 Delta R.T. -0.007 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:228 Resp: 54451

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	23.2	17.1	25.7



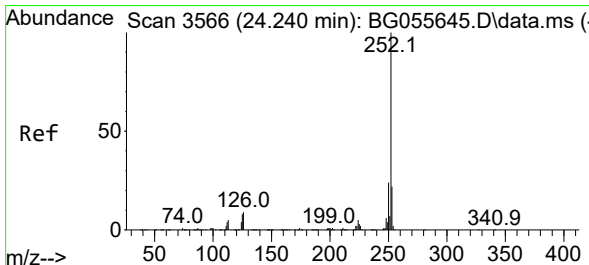
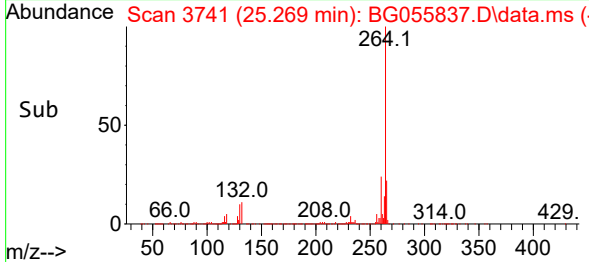
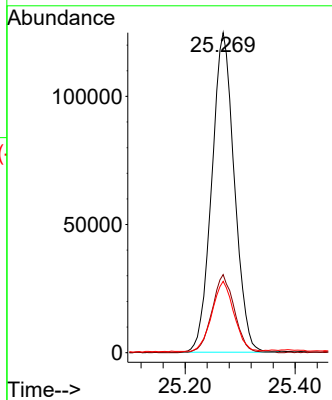
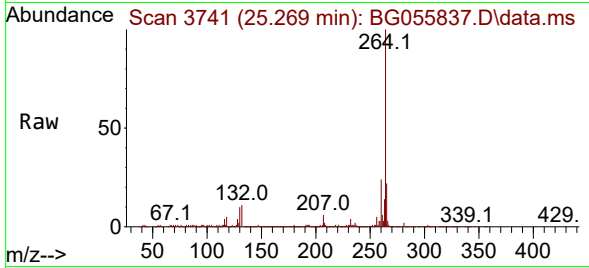


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.269 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Tgt Ion:264 Resp: 354790

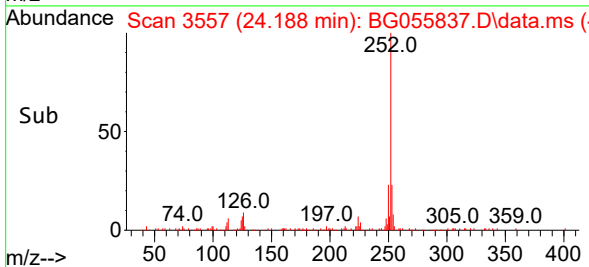
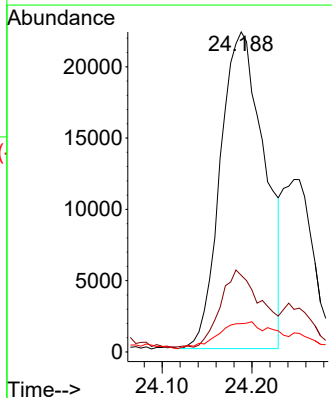
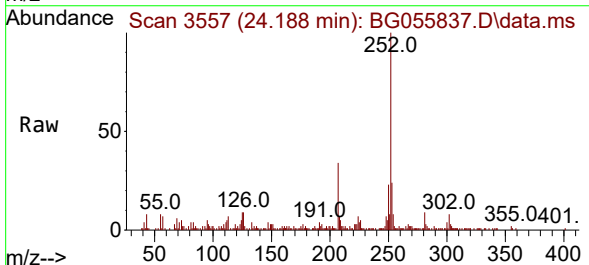
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.3	17.1	25.7

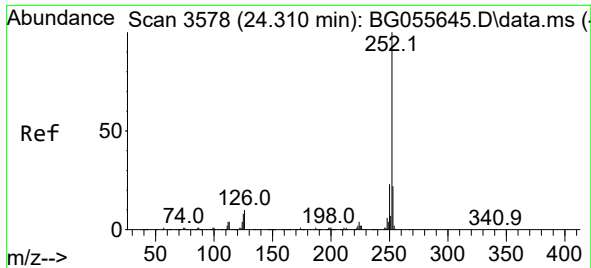


#88
 Benzo(b)fluoranthene
 Concen: 3.278 ng
 RT: 24.188 min Scan# 3557
 Delta R.T. -0.001 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:252 Resp: 75742

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	8.9	6.2	9.2





#89
 Benzo(k)fluoranthene
 Concen: 3.289 ng
 RT: 24.188 min Scan# 311
 Delta R.T. -0.078 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

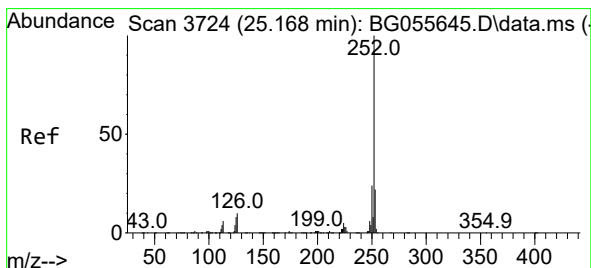
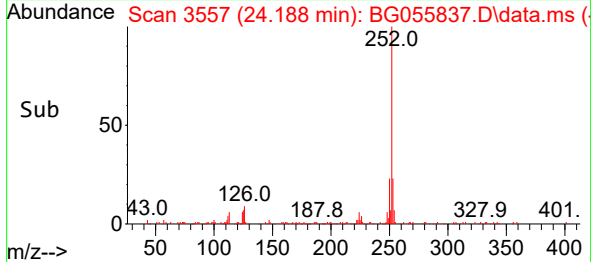
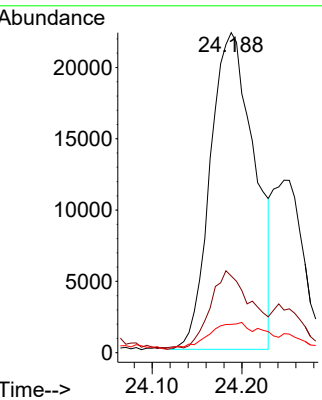
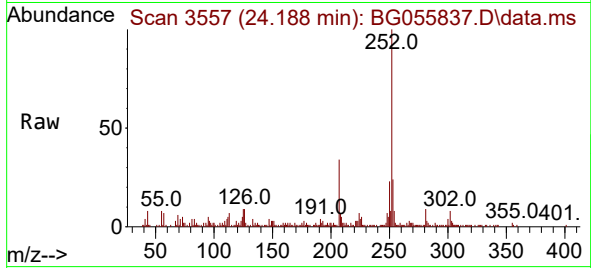
Instrument :

BNA_G

ClientSampleId :

SB-1-STOCK

Tgt Ion:252 Resp: 75742
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.8 26.6
 125 8.9 6.1 9.1



#90
 Benzo(a)pyrene
 Concen: 2.728 ng
 RT: 25.105 min Scan# 3713
 Delta R.T. -0.013 min
 Lab File: BG055837.D
 Acq: 29 Nov 2022 20:50

Tgt Ion:252 Resp: 54085
 Ion Ratio Lower Upper
 252 100
 253 25.7 17.8 26.6
 125 10.2 6.4 9.6#

