

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054961.D
 Acq On : 15 Sep 2022 18:17
 Operator : CG/JU
 Sample : N4634-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Sep 16 05:31:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

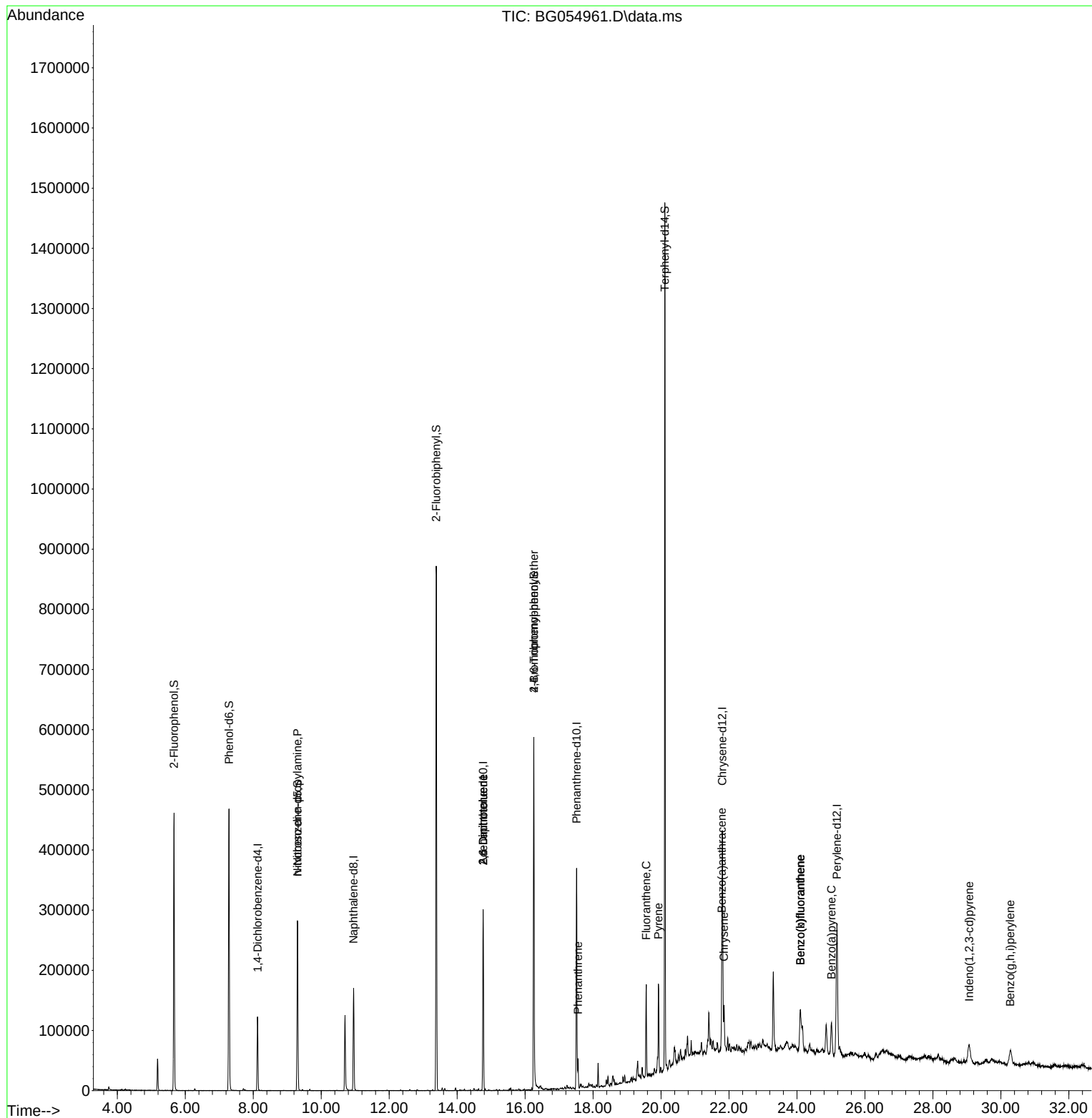
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	38531	20.000	ng	0.00
21) Naphthalene-d8	10.952	136	159254	20.000	ng	# 0.00
39) Acenaphthene-d10	14.765	164	112950	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	243918	20.000	ng	0.00
76) Chrysene-d12	21.804	240	229853	20.000	ng	-0.01
86) Perylene-d12	25.177	264	244837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	232353	105.009	ng	0.00
7) Phenol-d6	7.286	99	315272	104.186	ng	0.00
23) Nitrobenzene-d5	9.301	82	188480	62.130	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	145015	102.747	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	497744	66.234	ng	0.00
79) Terphenyl-d14	20.112	244	731031	63.017	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.301	70	23306	11.200	ng	# 72
51) 2,6-Dinitrotoluene	14.765	165	14776	8.302	ng	# 20
57) 2,4-Dinitrotoluene	14.765	165	14776	6.002	ng	# 18
67) 4-Bromophenyl-phenylether	16.258	248	8870	3.312	ng	# 1
71) Phenanthrene	17.556	178	30952	2.382	ng	97
75) Fluoranthene	19.566	202	99425	6.290	ng	96
78) Pyrene	19.924	202	98216	6.128	ng	97
81) Benzo(a)anthracene	21.787	228	52524	3.370	ng	98
83) Chrysene	21.851	228	58406	3.920	ng	97
87) Indeno(1,2,3-cd)pyrene	29.066	276	53178	2.861	ng	# 94
88) Benzo(b)fluoranthene	24.102	252	92893	6.048	ng	100
89) Benzo(k)fluoranthene	24.102	252	92893	6.010	ng	99
90) Benzo(a)pyrene	25.012	252	62913	4.794	ng	99
92) Benzo(g,h,i)perylene	30.277	276	55962	3.658	ng	# 95

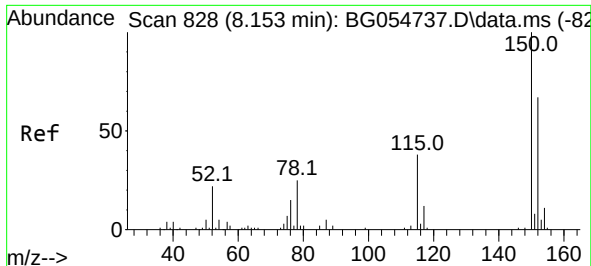
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054961.D
Acq On : 15 Sep 2022 18:17
Operator : CG/JU
Sample : N4634-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Time: Sep 16 05:31:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration

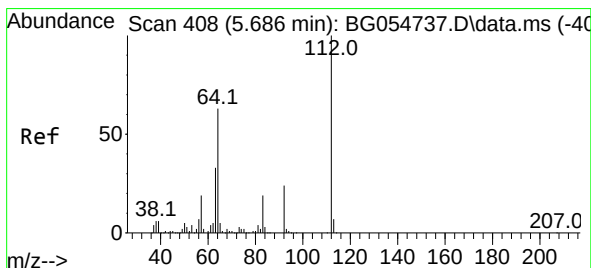
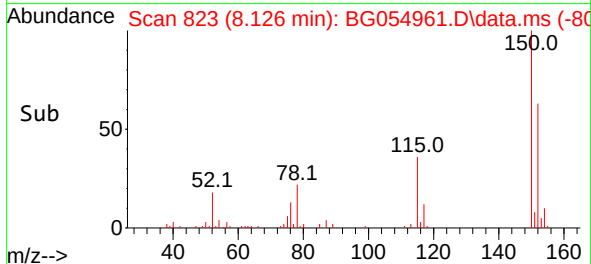
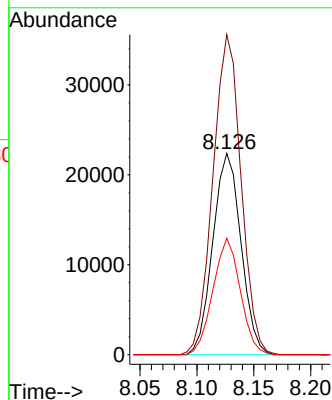
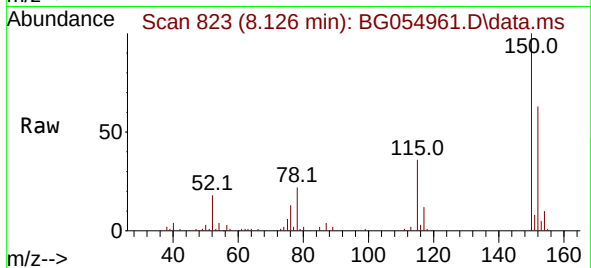




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.126 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

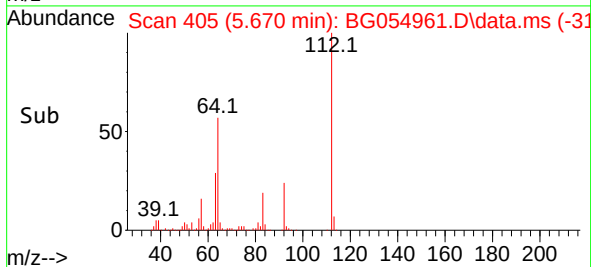
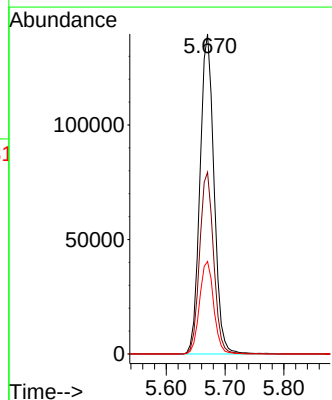
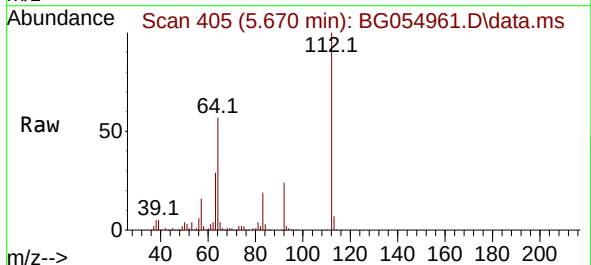
Instrument :
BNA_G
ClientSampleId :
WC-1

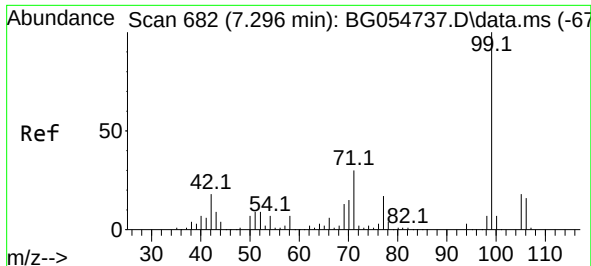
Tgt Ion:152 Resp: 38531
Ion Ratio Lower Upper
152 100
150 159.0 125.2 187.8
115 57.9 47.9 71.9



#5
2-Fluorophenol
Concen: 105.009 ng
RT: 5.670 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:112 Resp: 232353
Ion Ratio Lower Upper
112 100
64 56.8 49.3 73.9
63 28.9 26.3 39.5

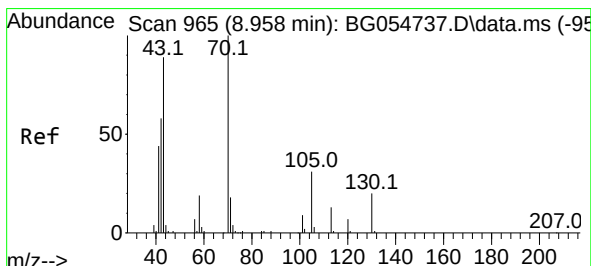
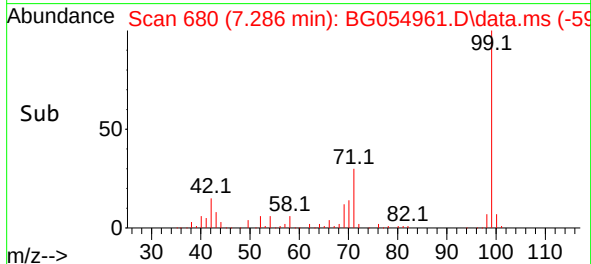
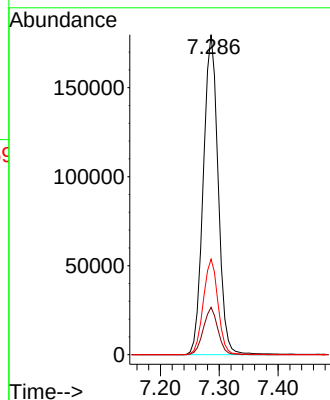
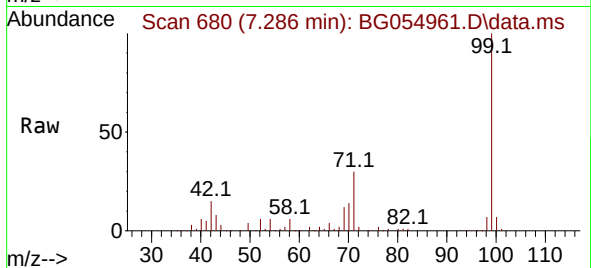




#7
Phenol-d6
Concen: 104.186 ng
RT: 7.286 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

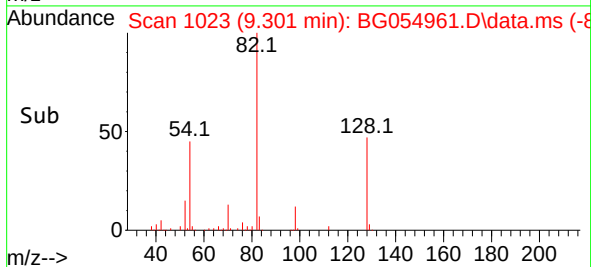
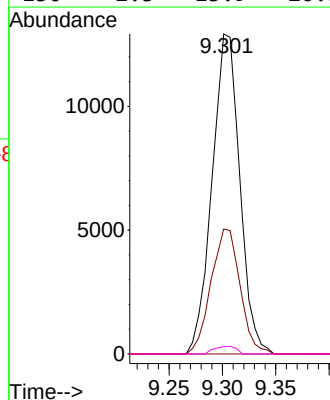
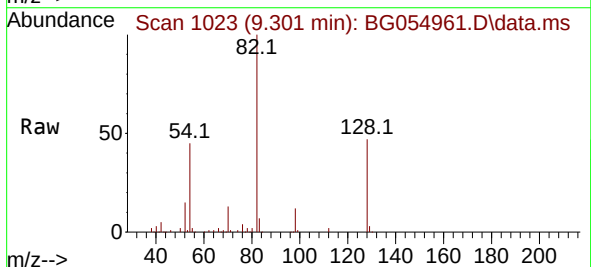
Instrument :
BNA_G
ClientSampleId :
WC-1

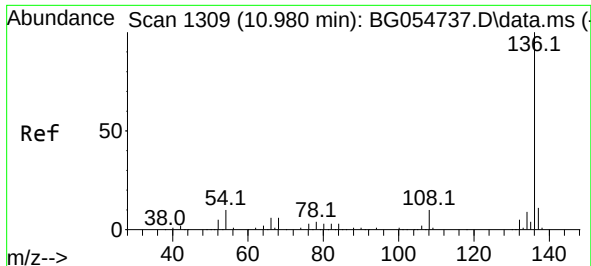
Tgt Ion: 99 Resp: 315272
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 29.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.200 ng
RT: 9.301 min Scan# 1023
Delta R.T. 0.361 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion: 70 Resp: 23306
Ion Ratio Lower Upper
70 100
42 39.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

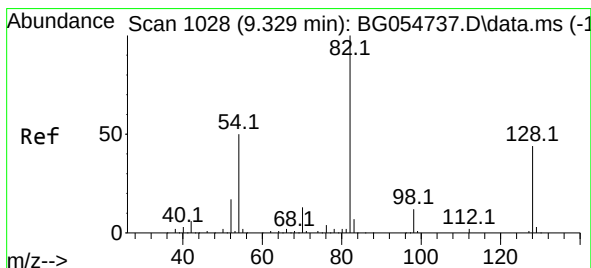
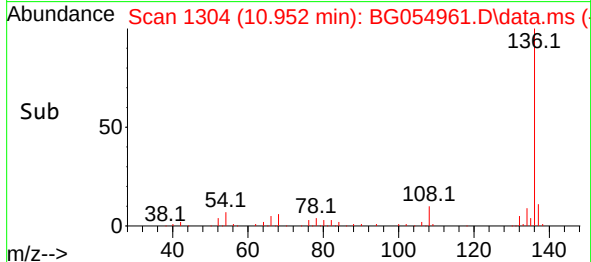
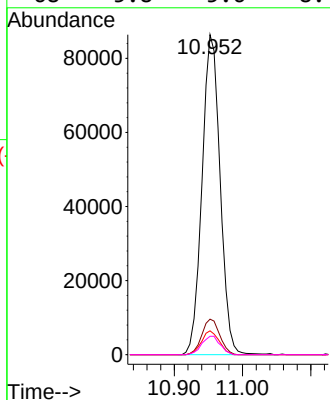
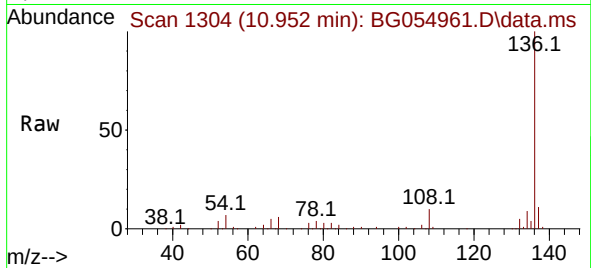




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.952 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

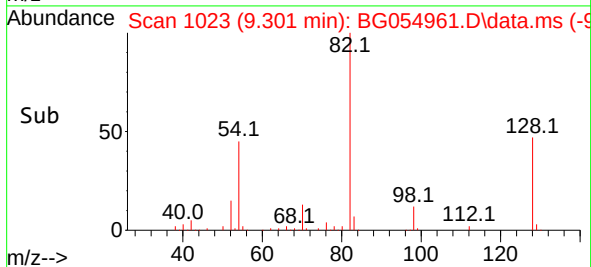
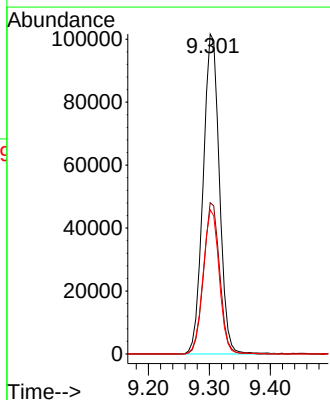
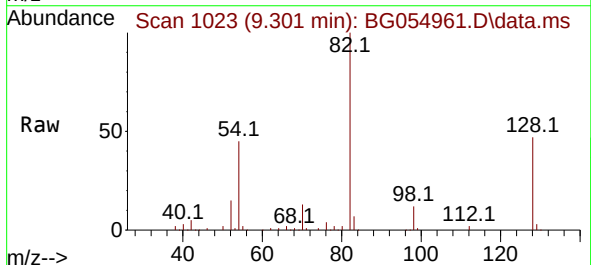
Instrument :
BNA_G
ClientSampleId :
WC-1

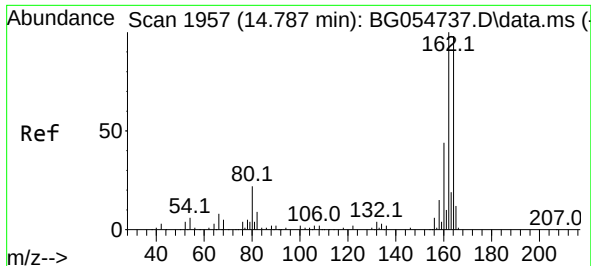
Tgt Ion:	136	Resp:	159254
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.5	7.7	11.5#
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 62.130 ng
RT: 9.301 min Scan# 1023
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:	82	Resp:	188480
Ion	Ratio	Lower	Upper
82	100		
128	47.2	32.2	48.2
54	45.1	41.4	62.0

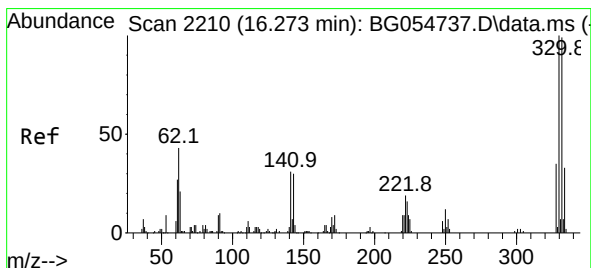
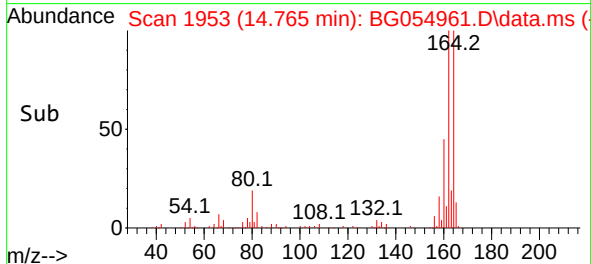
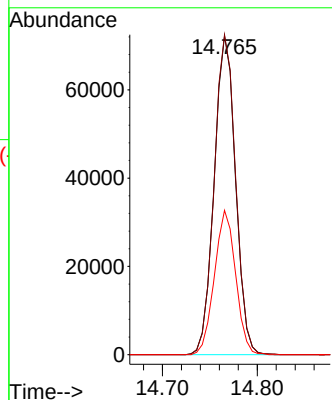
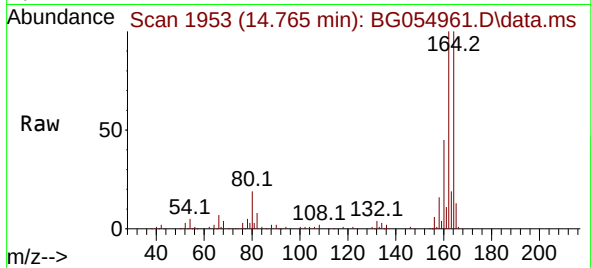




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

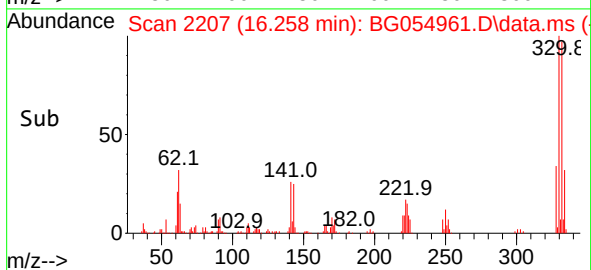
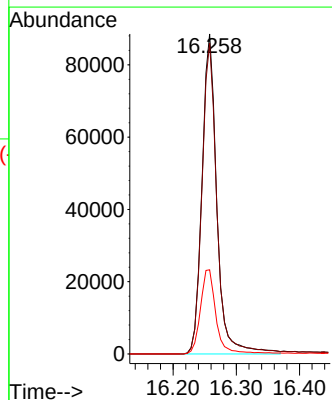
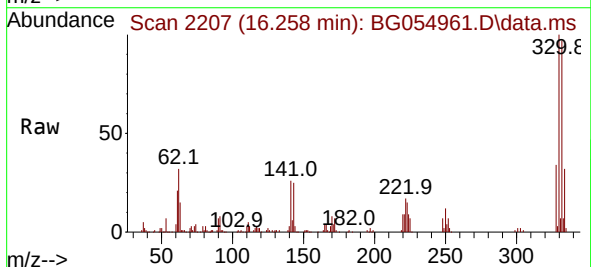
Instrument :
BNA_G
ClientSampleId :
WC-1

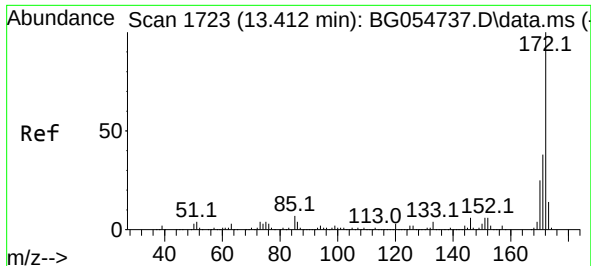
Tgt Ion:164 Resp: 112950
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.4
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 102.747 ng
RT: 16.258 min Scan# 2207
Delta R.T. -0.003 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:330 Resp: 145015
Ion Ratio Lower Upper
330 100
332 98.6 79.8 119.6
141 27.7 26.8 40.2

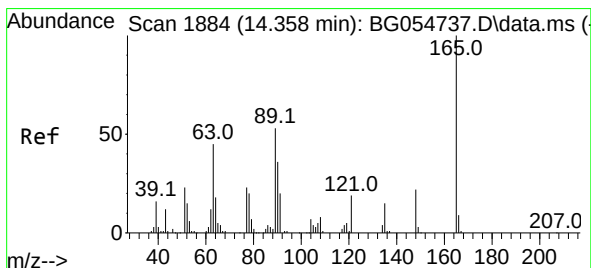
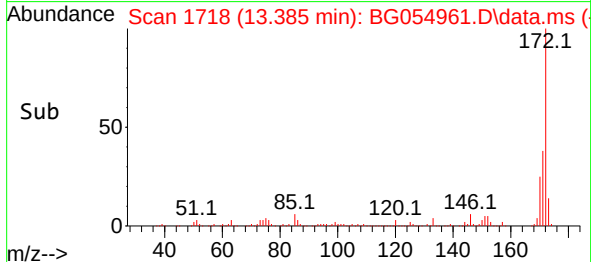
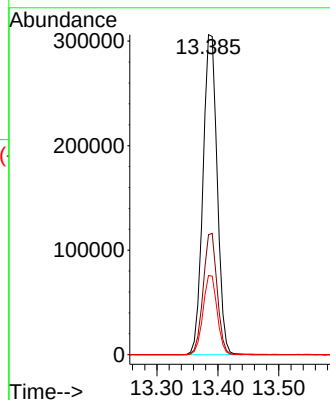
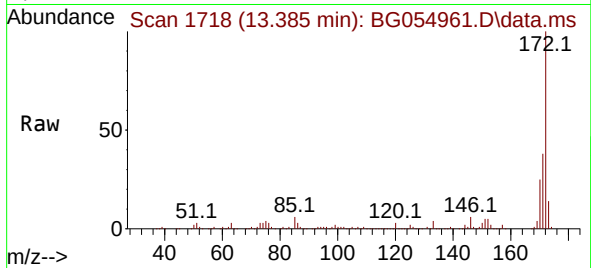




#45
2-Fluorobiphenyl
Concen: 66.234 ng
RT: 13.385 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

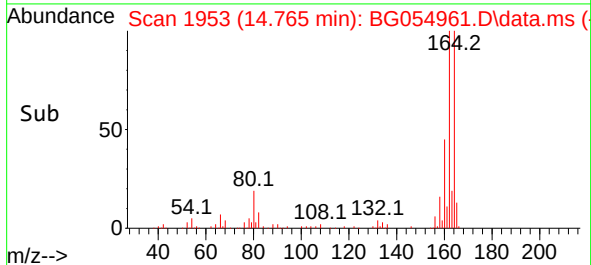
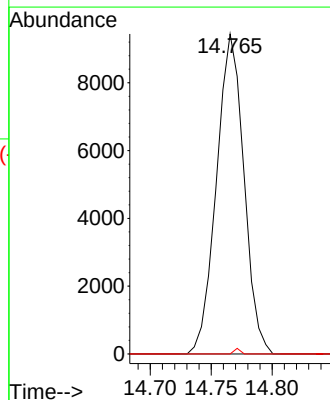
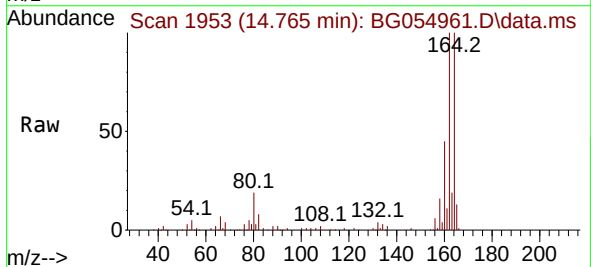
Instrument :
BNA_G
ClientSampleId :
WC-1

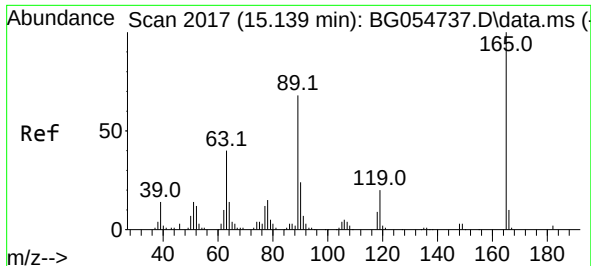
Tgt Ion:172 Resp: 497744
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.302 ng
RT: 14.765 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:165 Resp: 14776
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

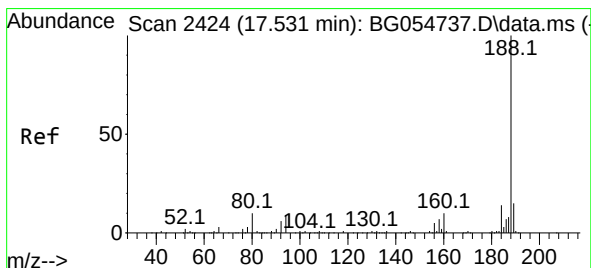
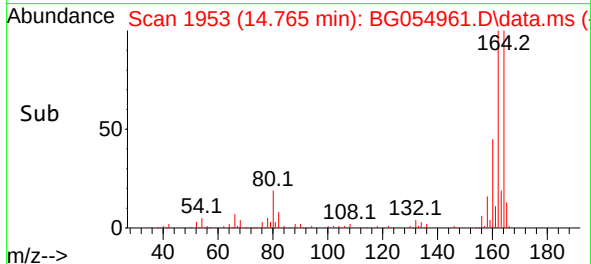
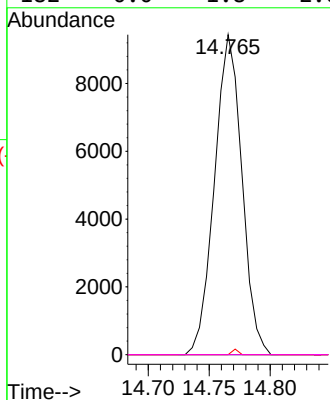
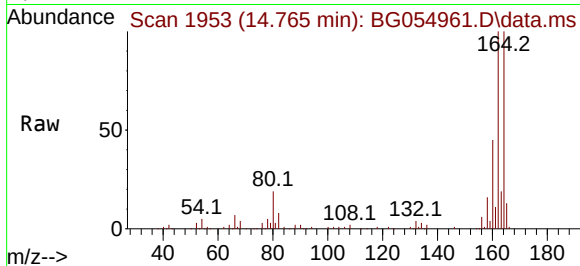




#57
2,4-Dinitrotoluene
Concen: 6.002 ng
RT: 14.765 min Scan# 1953
Delta R.T. -0.373 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

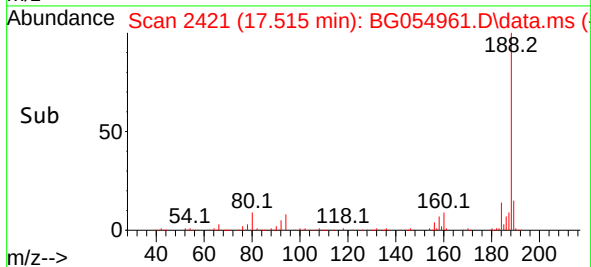
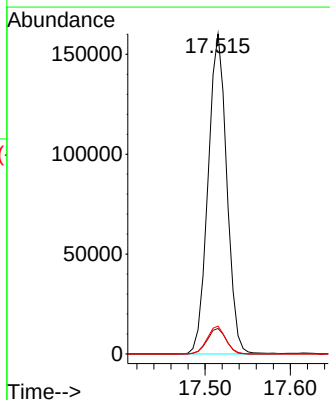
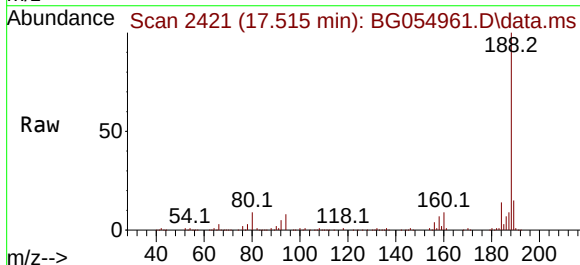
Instrument :
BNA_G
ClientSampleId :
WC-1

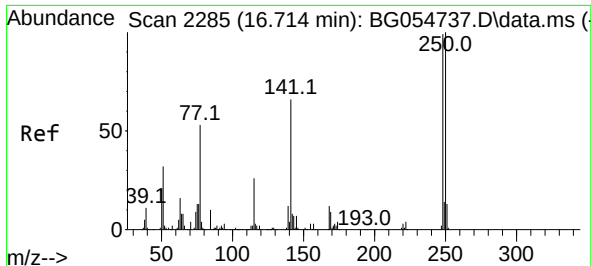
Tgt Ion:165	Resp:	14776
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.8 55.2#
89	0.0	64.3 96.5#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.515 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:188	Resp:	243918
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.0 10.4
80	8.7	7.9 11.9

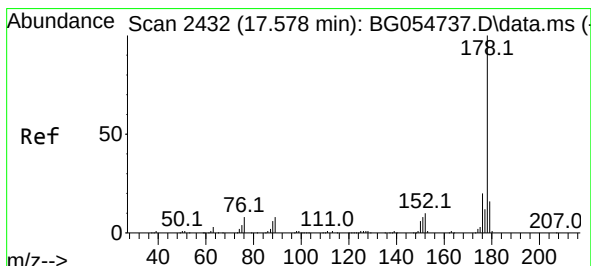
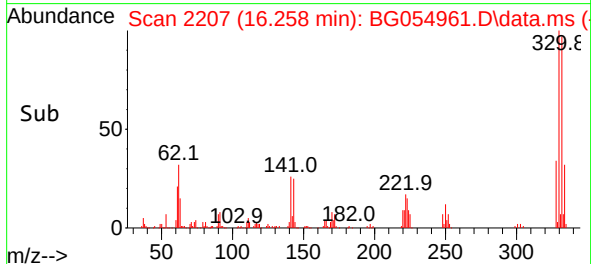
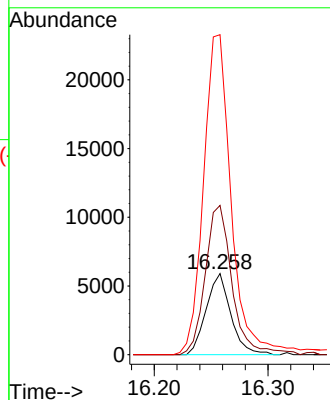
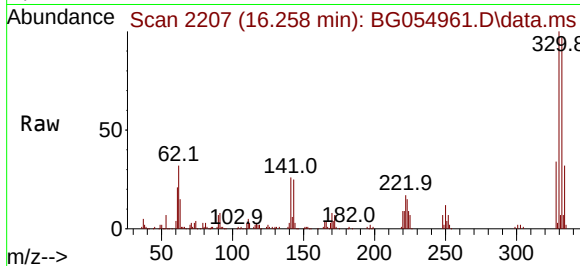




#67
4-Bromophenyl-phenylether
Concen: 3.312 ng
RT: 16.258 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

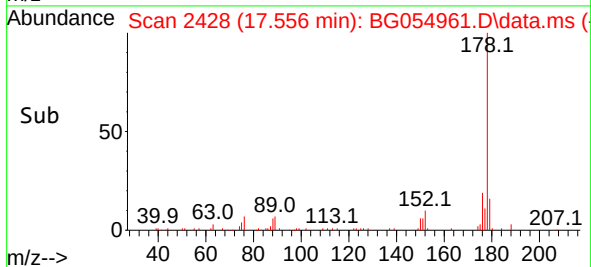
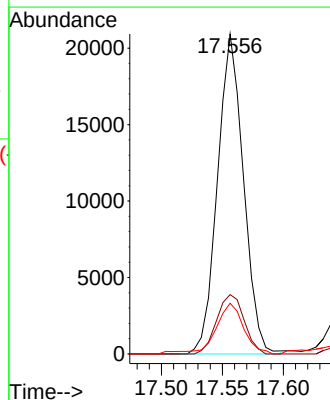
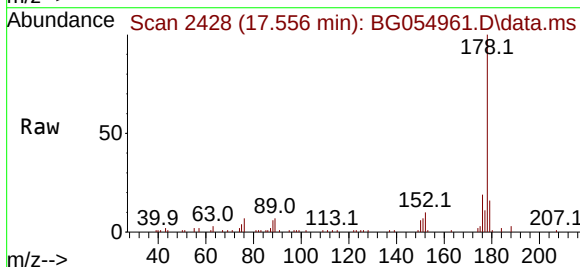
Instrument :
BNA_G
ClientSampleId :
WC-1

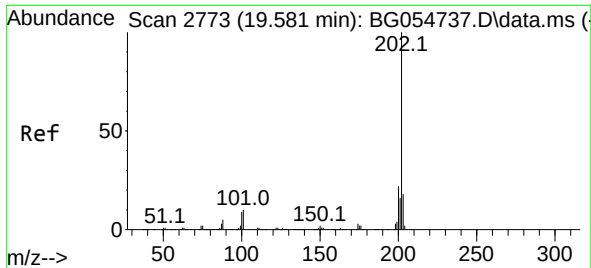
Tgt Ion:248 Resp: 8870
Ion Ratio Lower Upper
248 100
250 184.2 78.8 118.2#
141 394.7 51.9 77.9#



#71
Phenanthrene
Concen: 2.382 ng
RT: 17.556 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:178 Resp: 30952
Ion Ratio Lower Upper
178 100
176 18.5 16.6 25.0
179 15.8 12.8 19.2

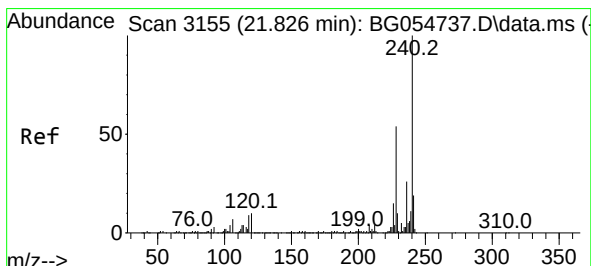
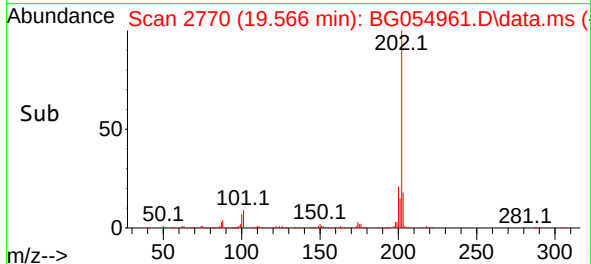
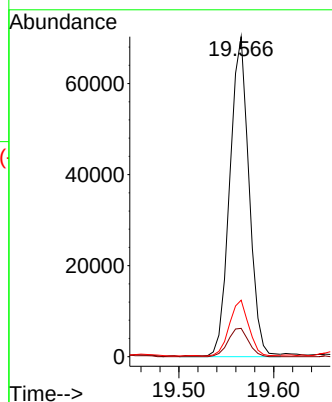
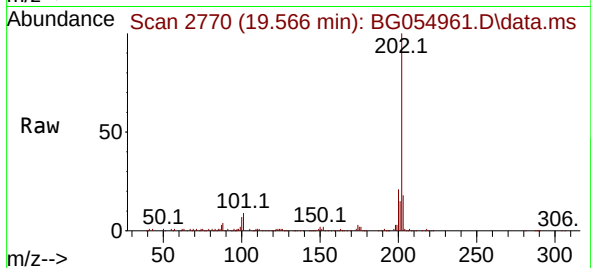




#75
Fluoranthene
Concen: 6.290 ng
RT: 19.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

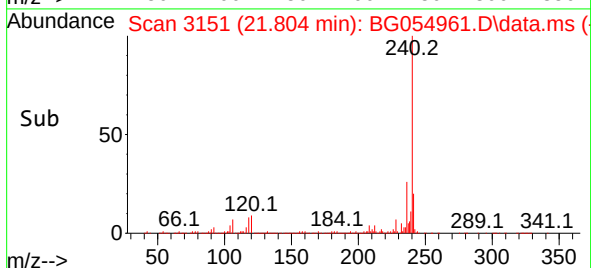
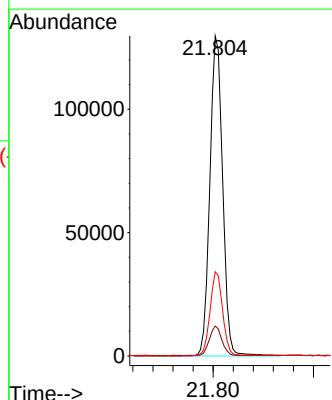
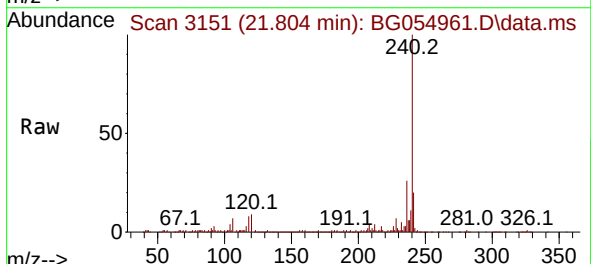
Instrument :
BNA_G
ClientSampleId :
WC-1

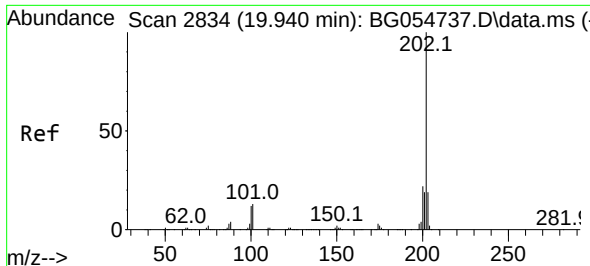
Tgt Ion:202 Resp: 99425
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.4
203 17.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.804 min Scan# 3151
Delta R.T. -0.015 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:240 Resp: 229853
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.3 21.2 31.8

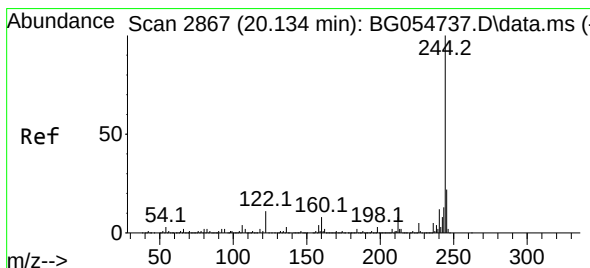
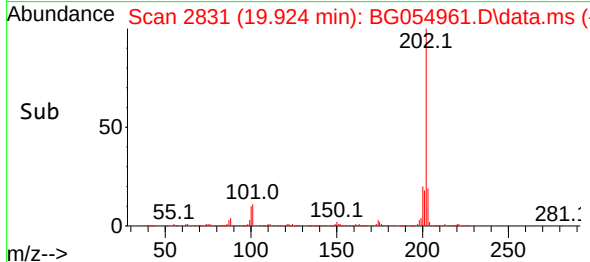
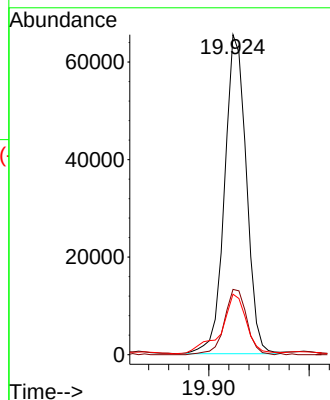
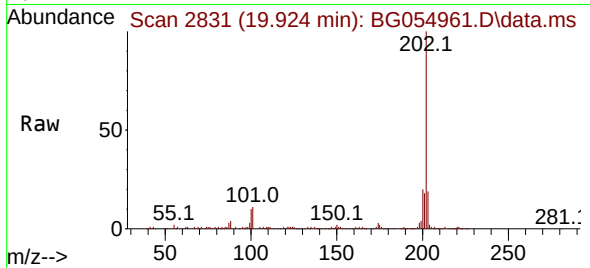




#78
Pyrene
Concen: 6.128 ng
RT: 19.924 min Scan# 2831
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

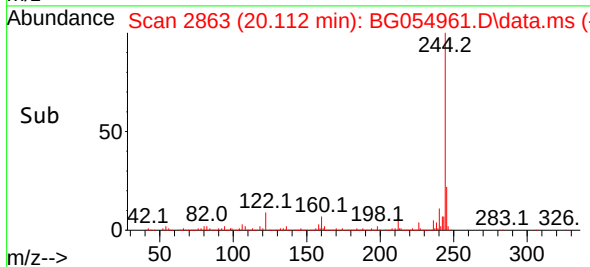
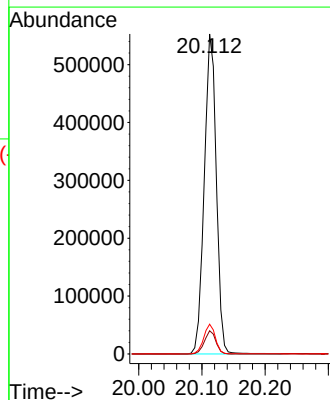
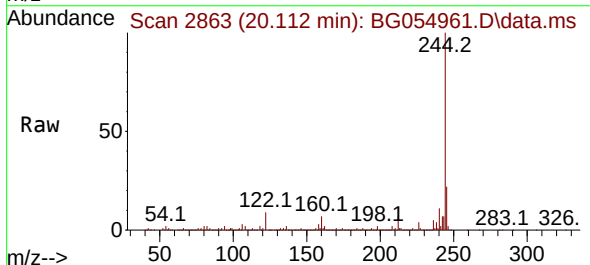
Instrument :
BNA_G
ClientSampleId :
WC-1

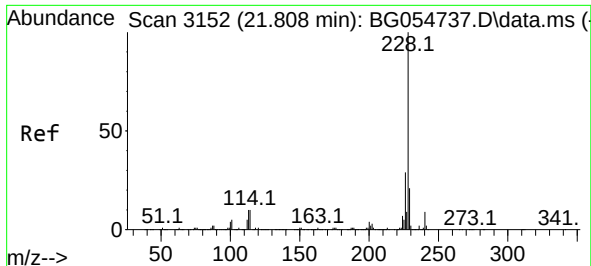
Tgt Ion:	202	Resp:	98216
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	18.9	14.6	21.8



#79
Terphenyl-d14
Concen: 63.017 ng
RT: 20.112 min Scan# 2863
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:	244	Resp:	731031
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	9.3	9.0	13.6

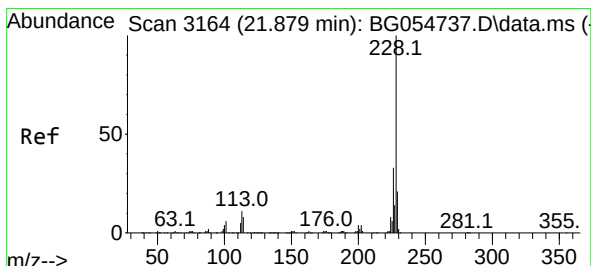
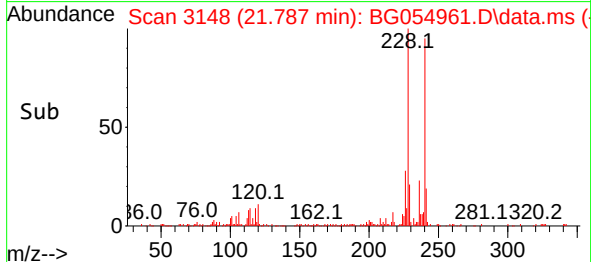
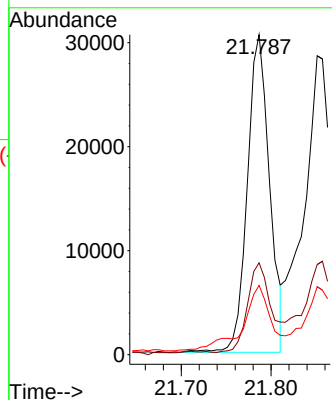
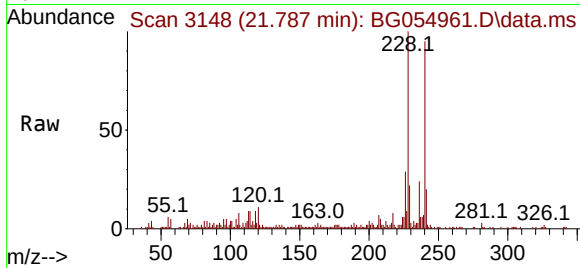




#81
Benzo(a)anthracene
Concen: 3.370 ng
RT: 21.787 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

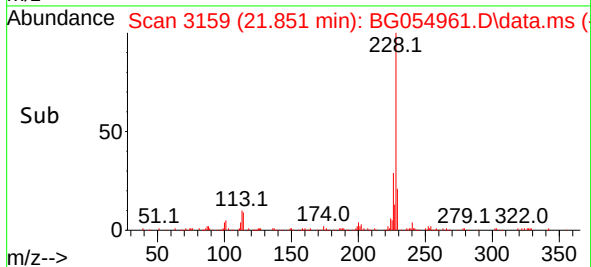
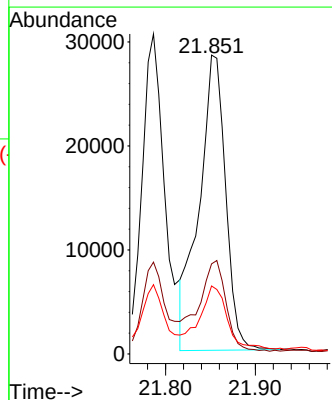
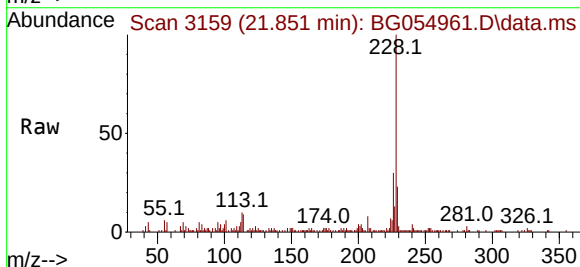
Instrument :
BNA_G
ClientSampleId :
WC-1

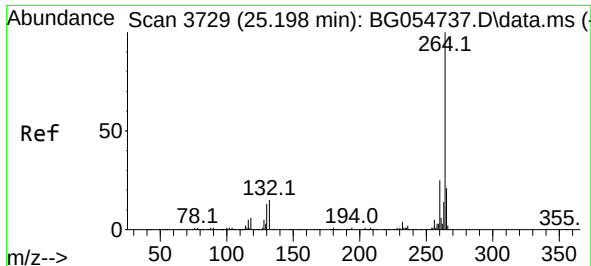
Tgt Ion:228 Resp: 52524
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 21.7 16.5 24.7



#83
Chrysene
Concen: 3.920 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.015 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:228 Resp: 58406
Ion Ratio Lower Upper
228 100
226 30.1 25.5 38.3
229 22.7 16.8 25.2

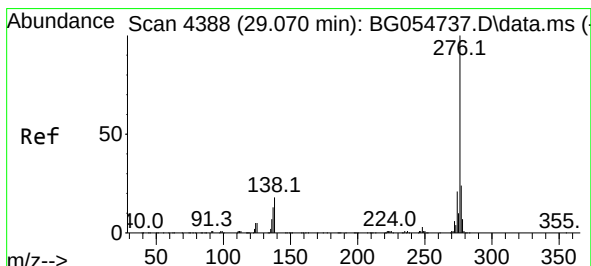
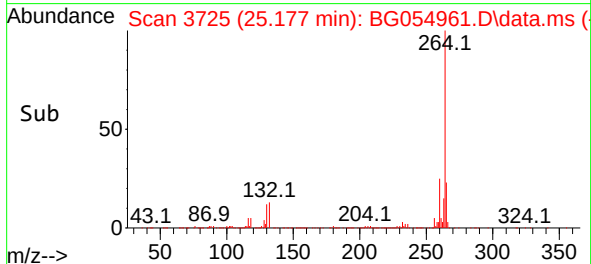
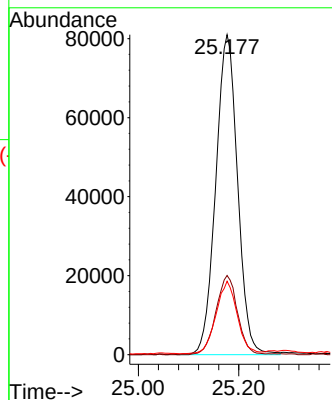
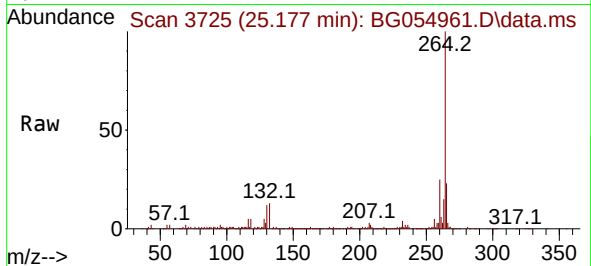




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.177 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG054961.D
 Acq: 15 Sep 2022 18:17

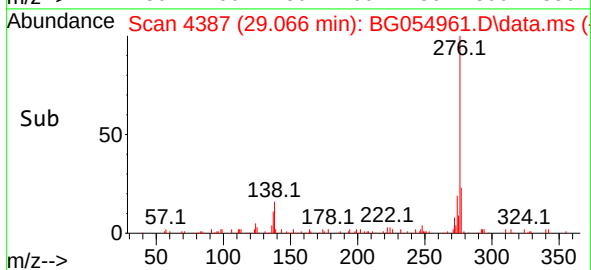
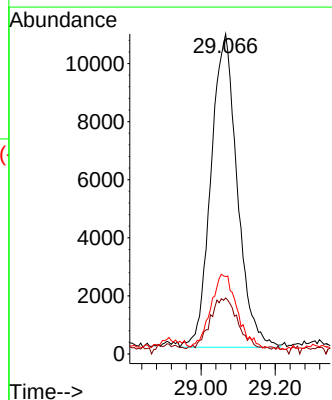
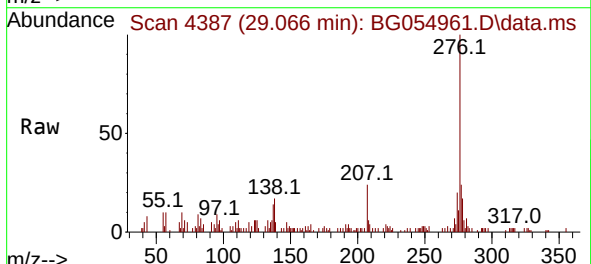
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

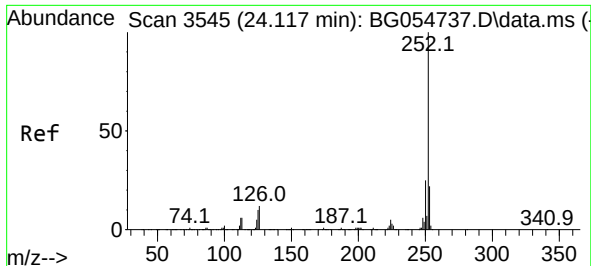
Tgt Ion:264 Resp: 244837
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.9 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.861 ng
 RT: 29.066 min Scan# 4387
 Delta R.T. -0.020 min
 Lab File: BG054961.D
 Acq: 15 Sep 2022 18:17

Tgt Ion:276 Resp: 53178
 Ion Ratio Lower Upper
 276 100
 138 19.1 12.0 18.0#
 277 23.4 20.2 30.4

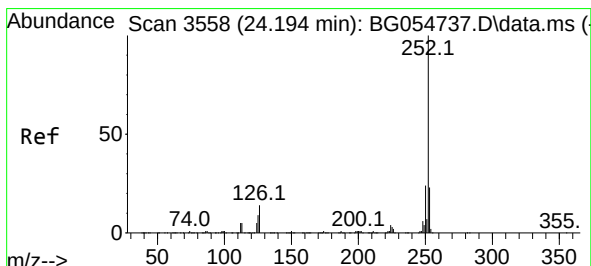
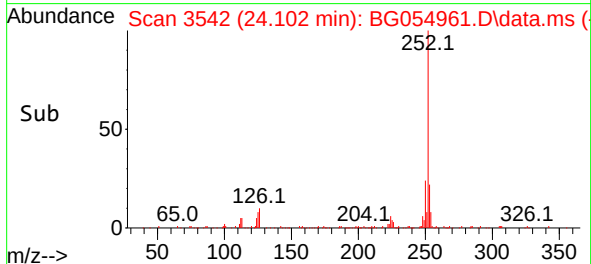
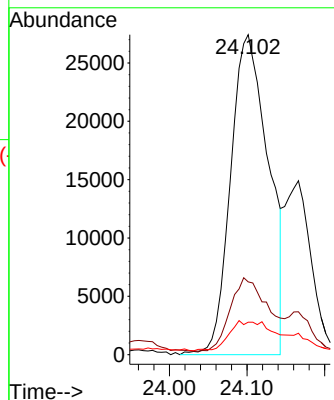
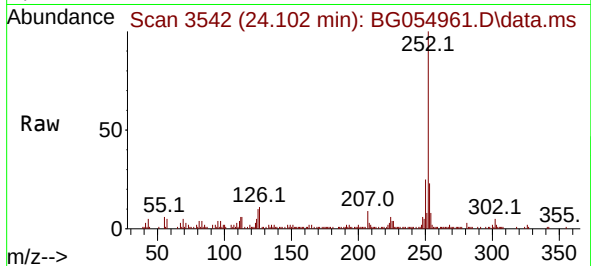




#88
Benzo(b)fluoranthene
Concen: 6.048 ng
RT: 24.102 min Scan# 3542
Delta R.T. -0.009 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

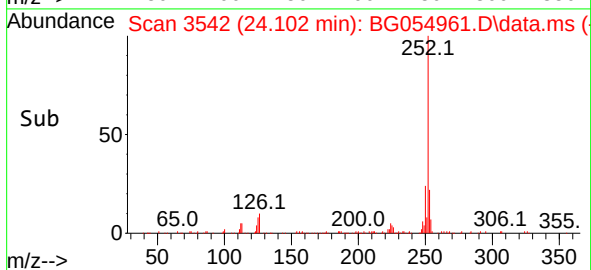
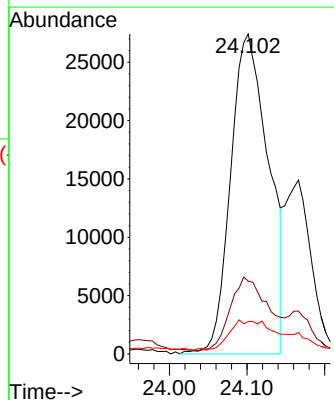
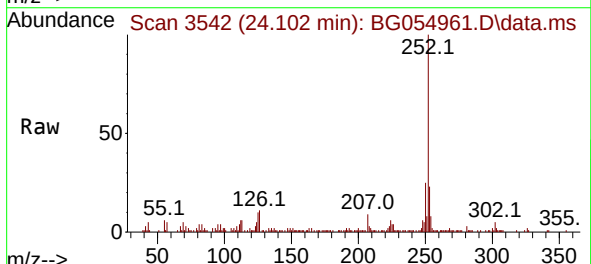
Instrument :
BNA_G
ClientSampleId :
WC-1

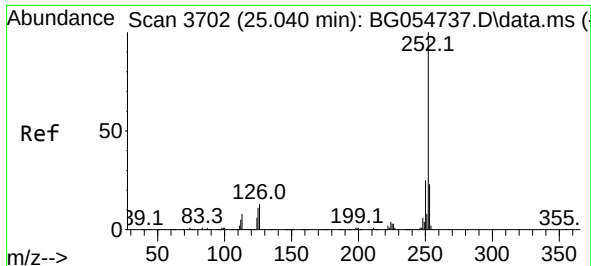
Tgt Ion:252 Resp: 92893
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.1 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 6.010 ng
RT: 24.102 min Scan# 3542
Delta R.T. -0.079 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:252 Resp: 92893
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.1 8.2 12.4

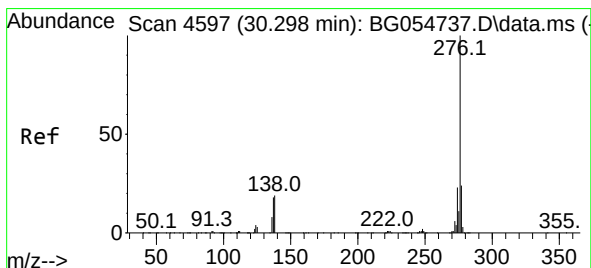
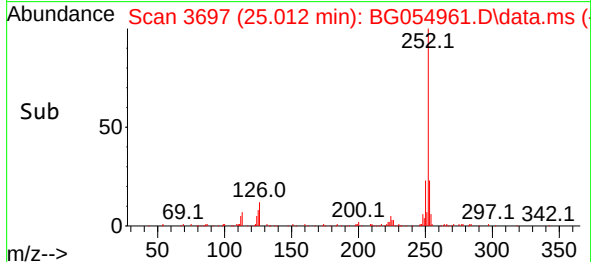
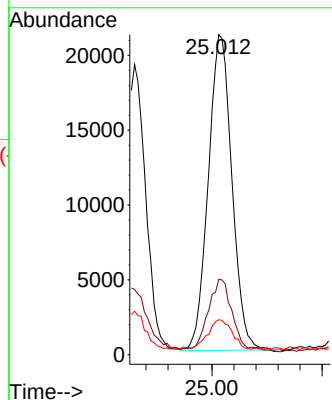
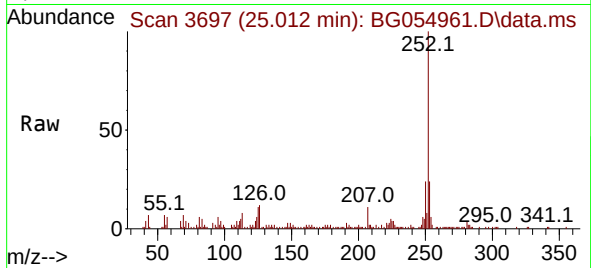




#90
Benzo(a)pyrene
Concen: 4.794 ng
RT: 25.012 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 62913
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 10.9 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.658 ng
RT: 30.277 min Scan# 4593
Delta R.T. -0.032 min
Lab File: BG054961.D
Acq: 15 Sep 2022 18:17

Tgt Ion:276 Resp: 55962
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 16.0 16.6 25.0#

