

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055700.D
 Acq On : 18 Nov 2022 21:39
 Operator : CG/JU
 Sample : N5613-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-1

Quant Time: Nov 19 00:00:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

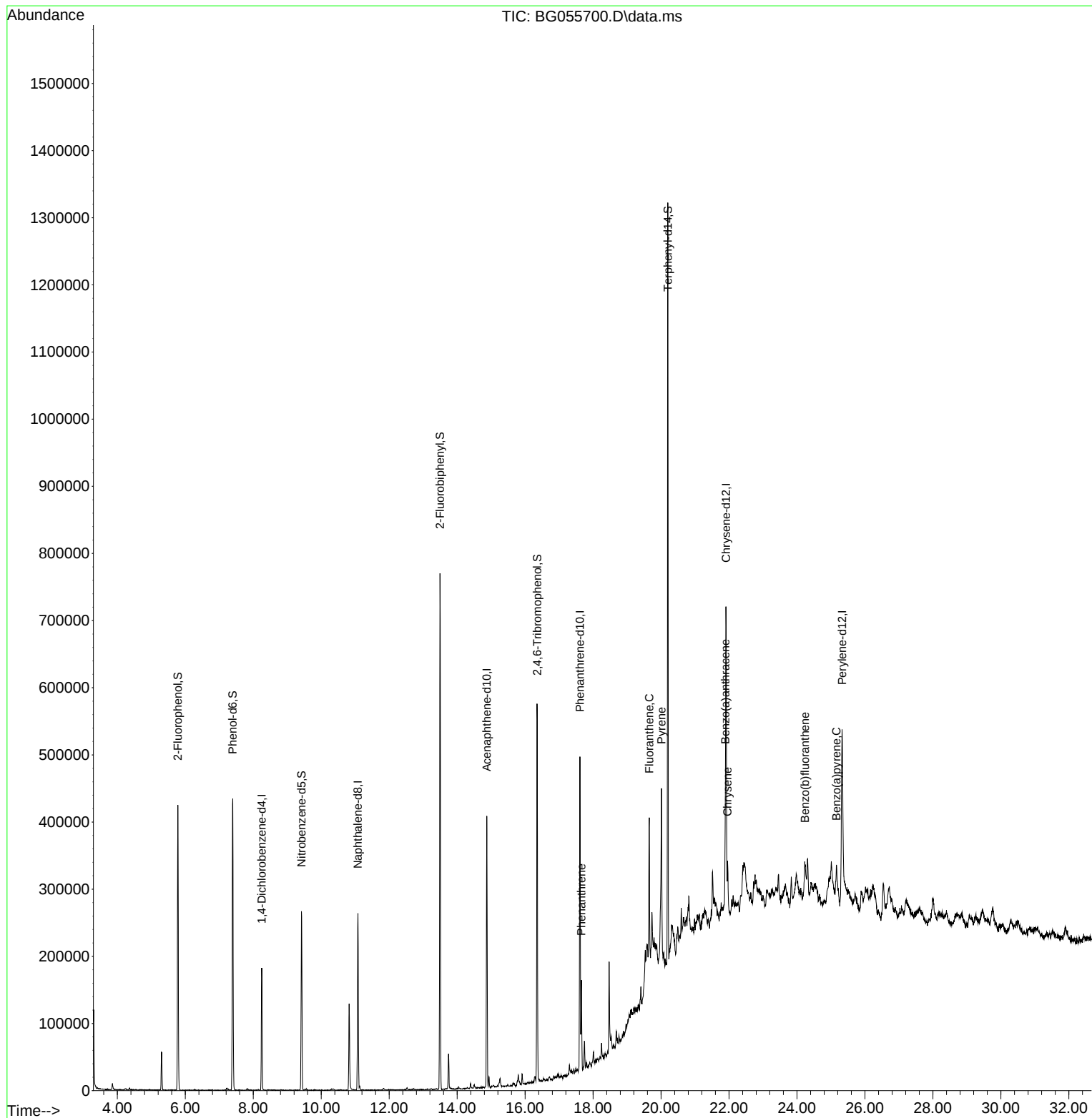
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	52364	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	223865	20.000	ng	0.00
39) Acenaphthene-d10	14.870	164	147636	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	301495	20.000	ng	0.00
76) Chrysene-d12	21.908	240	277253	20.000	ng	-0.01
86) Perylene-d12	25.328	264	295694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	183578	63.368	ng	0.00
7) Phenol-d6	7.396	99	248483	64.434	ng	0.00
23) Nitrobenzene-d5	9.417	82	156850	37.032	ng	-0.01
42) 2,4,6-Tribromophenol	16.356	330	119341	57.406	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	403170	40.911	ng	0.00
79) Terphenyl-d14	20.199	244	561545	40.510	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.655	178	85994	5.285	ng	99
75) Fluoranthene	19.652	202	135709	6.856	ng	97
78) Pyrene	20.011	202	119233	6.353	ng	98
81) Benzo(a)anthracene	21.891	228	63274	3.313	ng	96
83) Chrysene	21.955	228	59550	3.276	ng	96
88) Benzo(b)fluoranthene	24.235	252	76242	3.959	ng	# 90
90) Benzo(a)pyrene	25.158	252	58579	3.545	ng	# 87

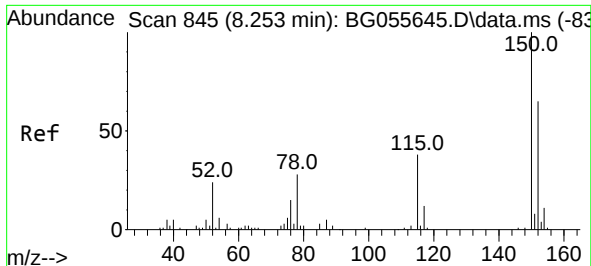
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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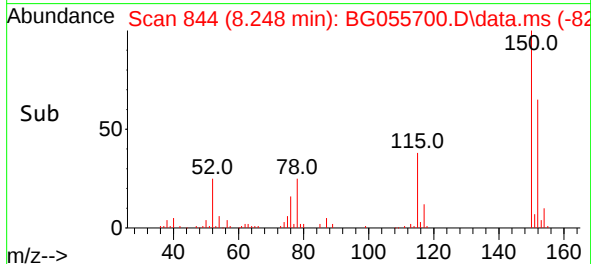
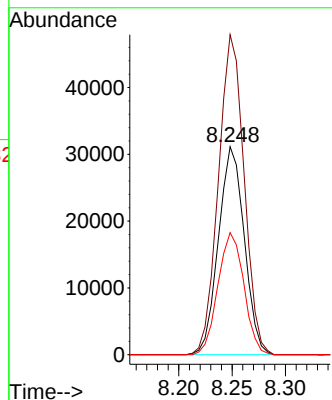
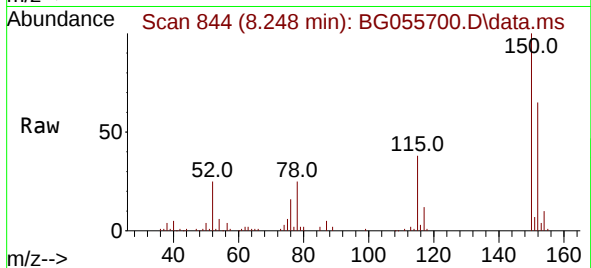




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

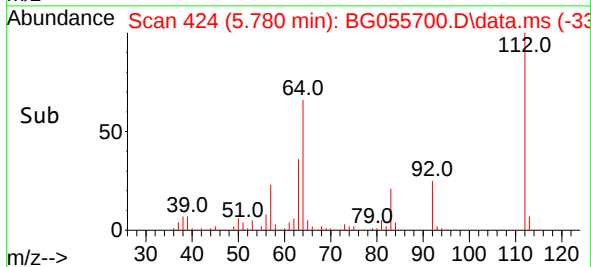
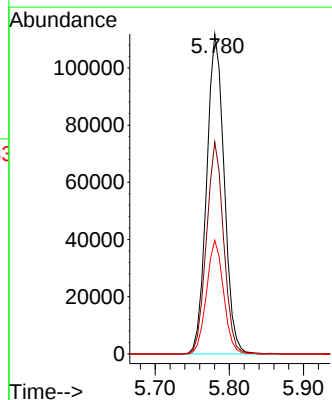
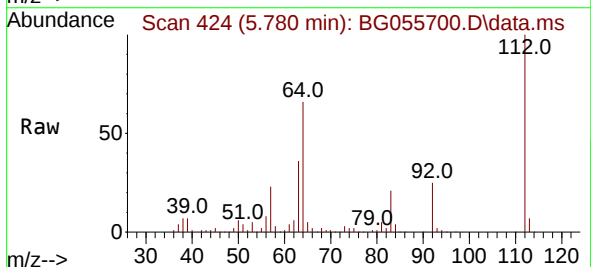
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

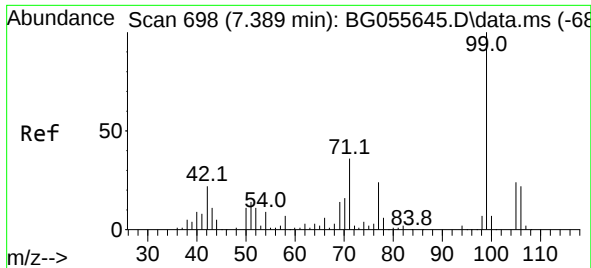
Tgt Ion:152 Resp: 52364
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.6
115 58.7 47.0 70.4



#5
2-Fluorophenol
Concen: 63.368 ng
RT: 5.780 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:112 Resp: 183578
Ion Ratio Lower Upper
112 100
64 66.2 50.6 76.0
63 35.5 27.5 41.3

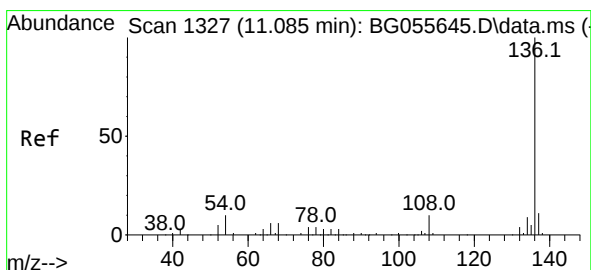
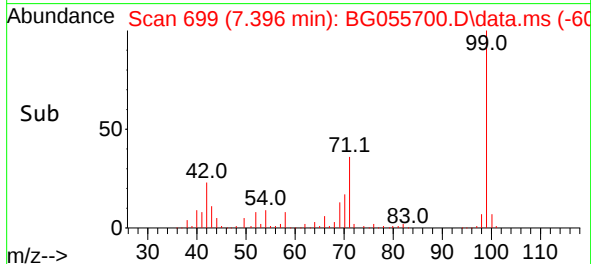
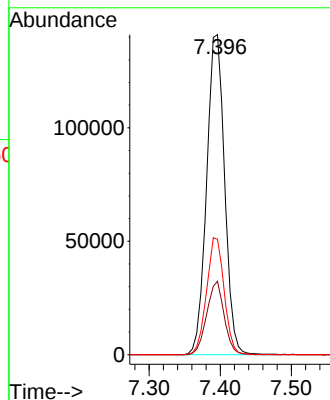
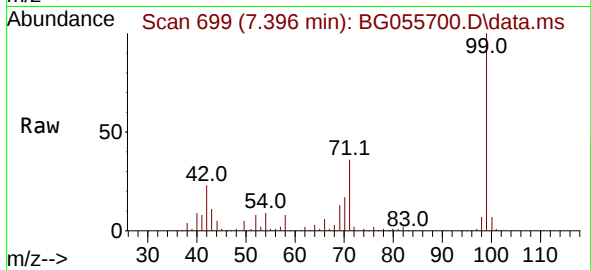




#7
Phenol-d6
Concen: 64.434 ng
RT: 7.396 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

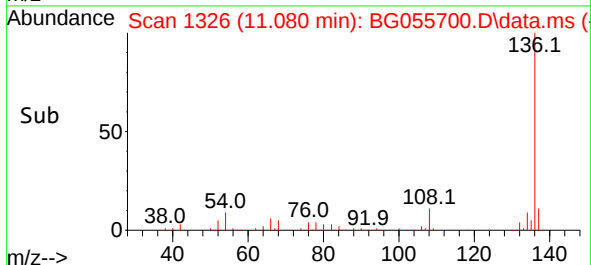
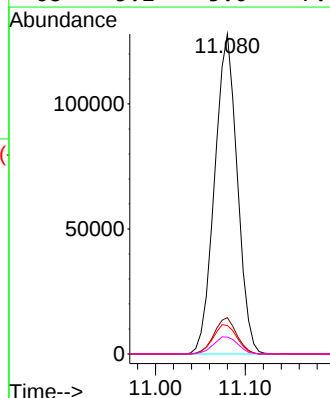
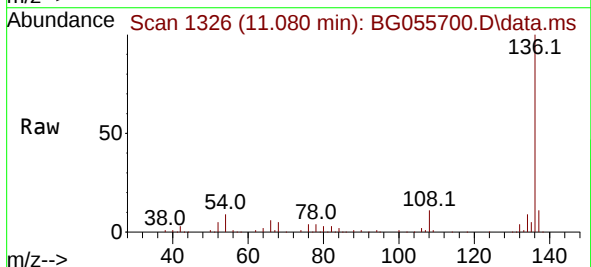
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

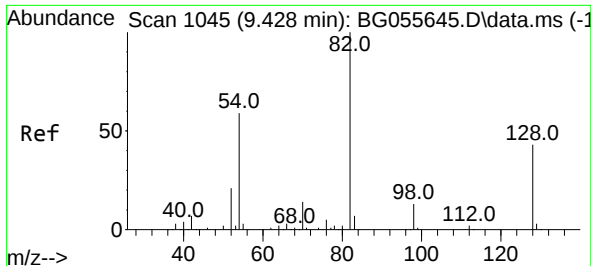
Tgt Ion: 99 Resp: 248483
Ion Ratio Lower Upper
99 100
42 23.0 18.0 27.0
71 36.1 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:136 Resp: 223865
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.9 7.8 11.6
68 5.2 5.0 7.4

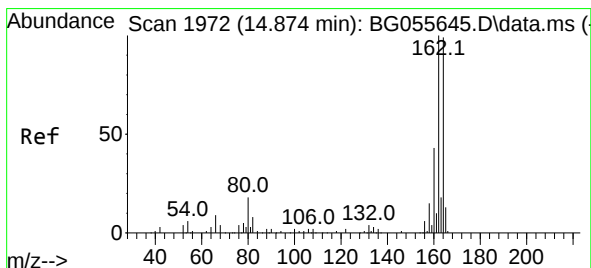
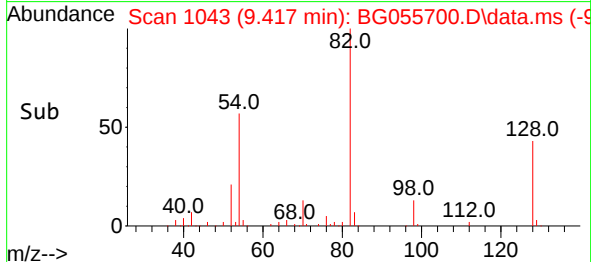
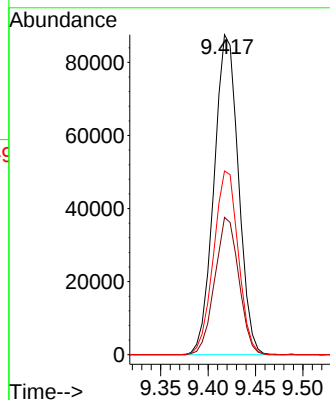
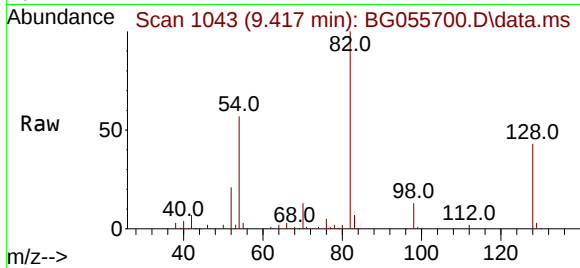




#23
Nitrobenzene-d5
Concen: 37.032 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.011 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

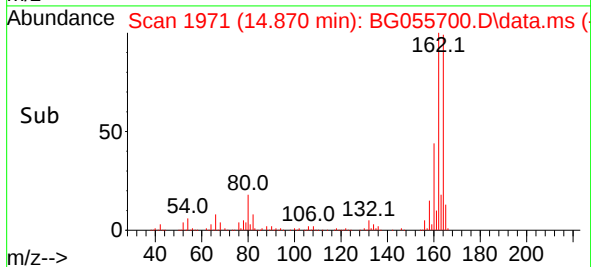
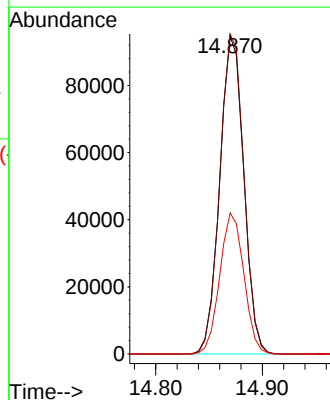
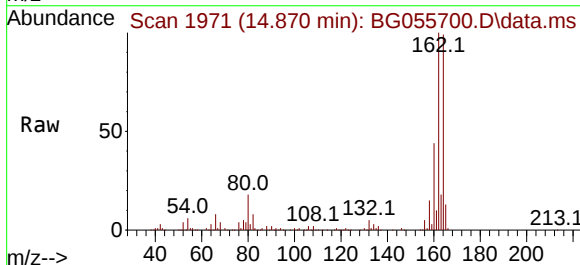
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

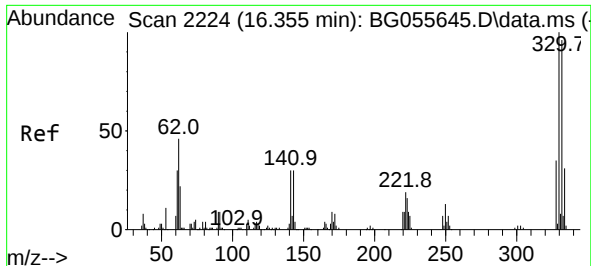
Tgt Ion: 82 Resp: 156850
Ion Ratio Lower Upper
82 100
128 42.9 34.1 51.1
54 57.4 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:164 Resp: 147636
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 44.3 34.8 52.2

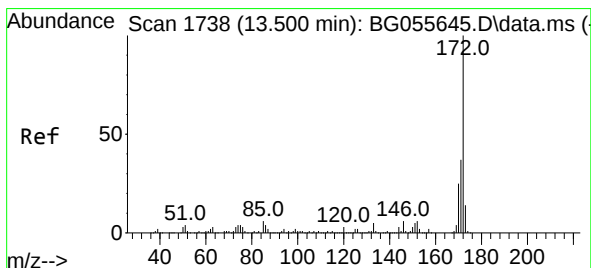
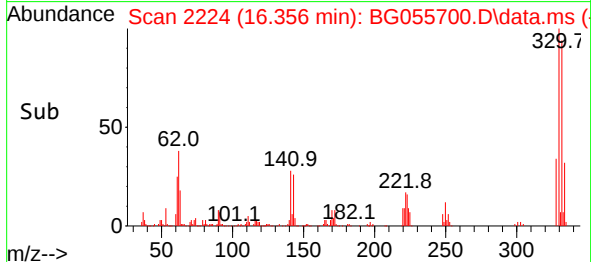
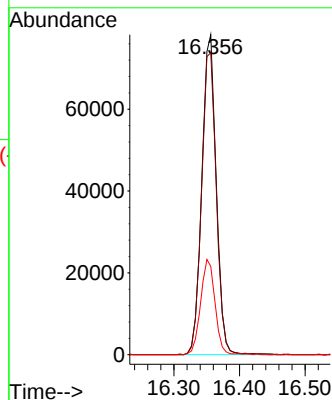
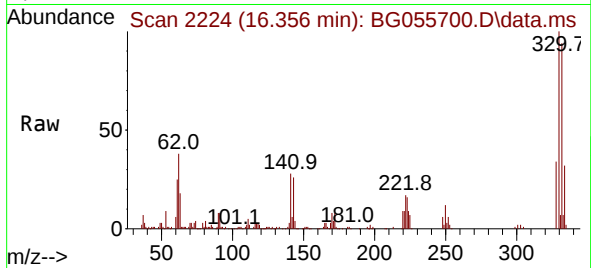




#42
2,4,6-Tribromophenol
Concen: 57.406 ng
RT: 16.356 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

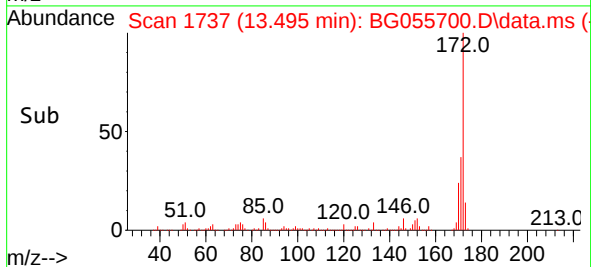
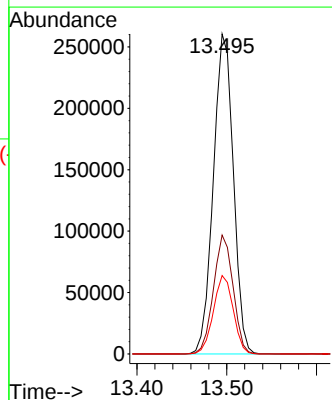
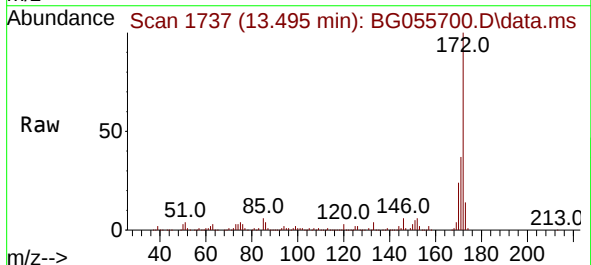
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

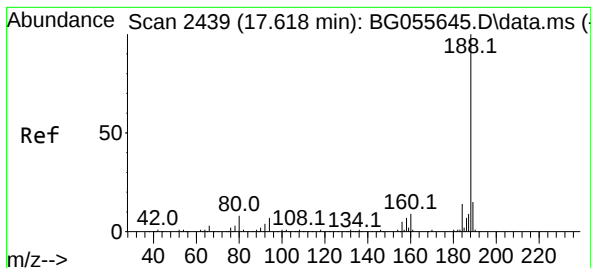
Tgt Ion:330 Resp: 119341
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 30.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 40.911 ng
RT: 13.495 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:172 Resp: 403170
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.5 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BG055700.D

Acq: 18 Nov 2022 21:39

Instrument :

BNA_G

ClientSampleId :

WC-COMP-1

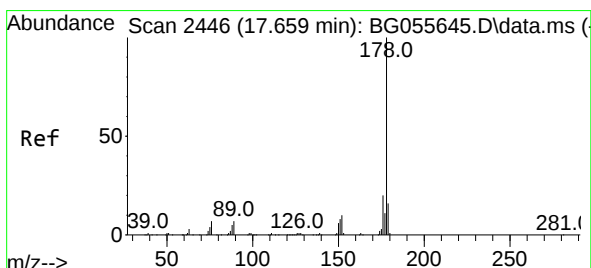
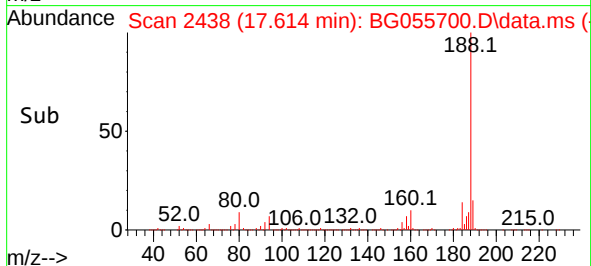
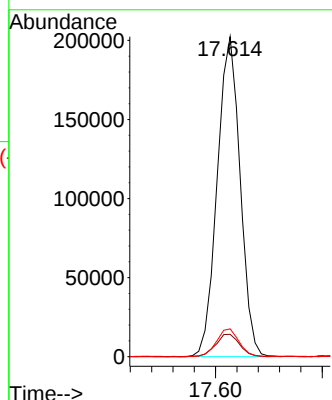
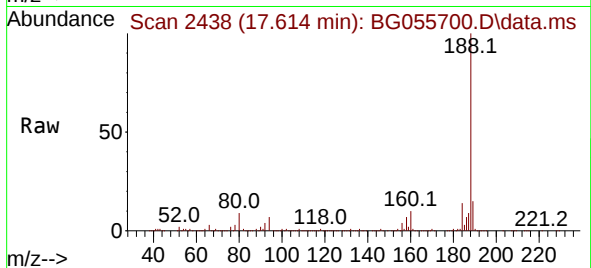
Tgt Ion:188 Resp: 301495

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.7 6.6 10.0



#71

Phenanthrene

Concen: 5.285 ng

RT: 17.655 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BG055700.D

Acq: 18 Nov 2022 21:39

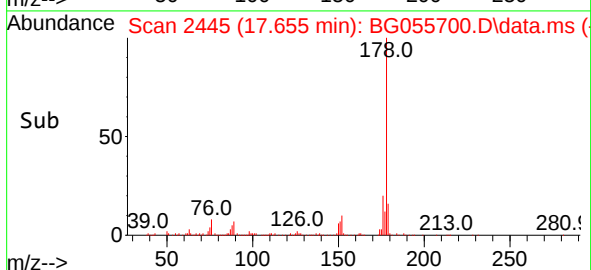
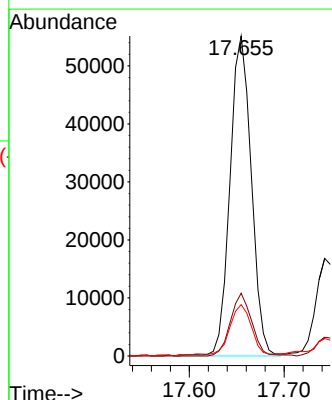
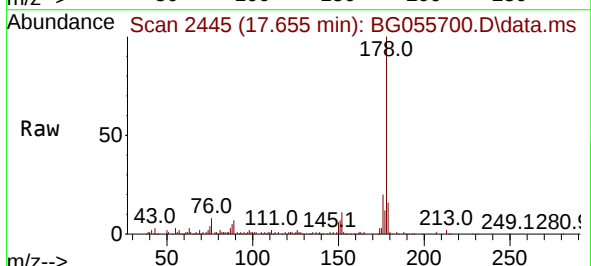
Tgt Ion:178 Resp: 85994

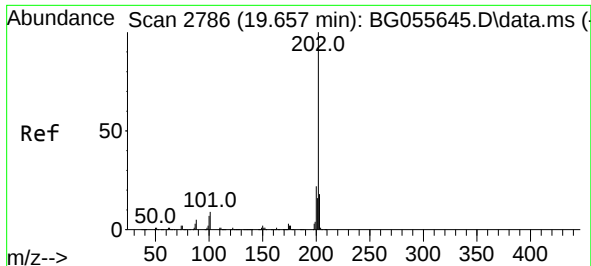
Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 16.0 12.7 19.1

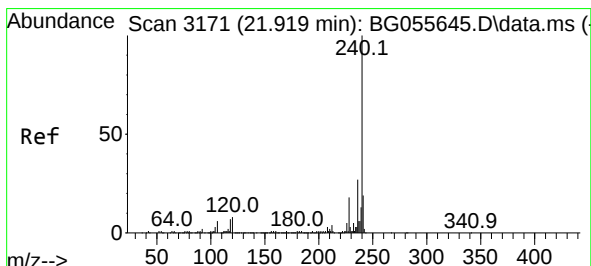
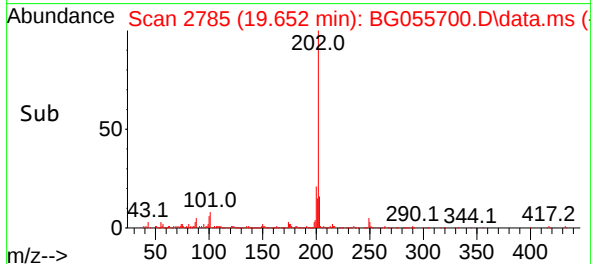
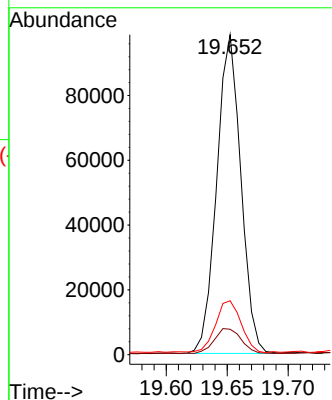
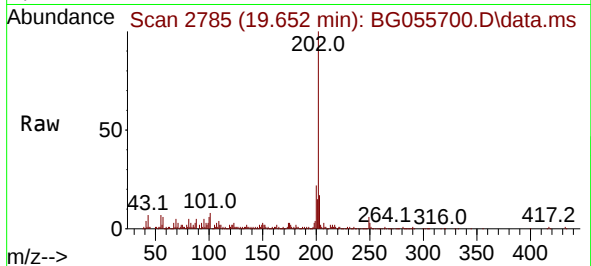




#75
Fluoranthene
Concen: 6.856 ng
RT: 19.652 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

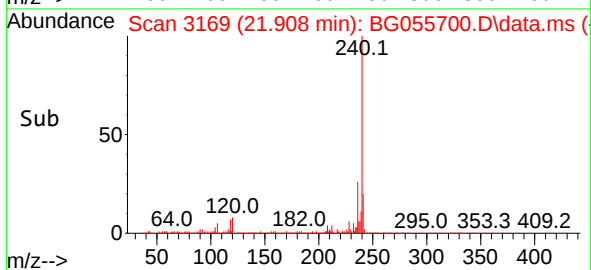
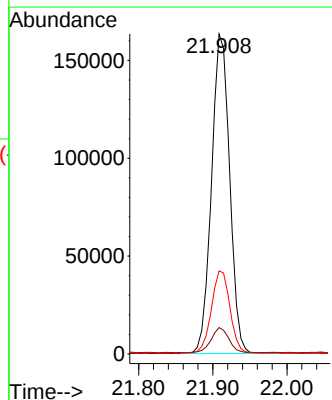
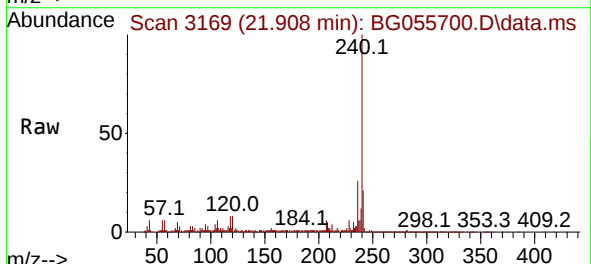
Instrument :
BNA_G
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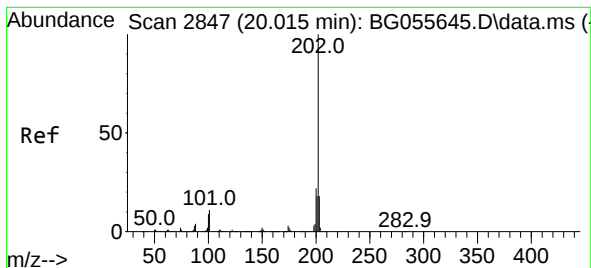
Tgt Ion:202 Resp: 135709
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.8
203 16.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:240 Resp: 277253
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 26.0 21.9 32.9





#78

Pyrene

Concen: 6.353 ng

RT: 20.011 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG055700.D

Acq: 18 Nov 2022 21:39

Instrument :

BNA_G

ClientSampleId :

WC-COMP-1

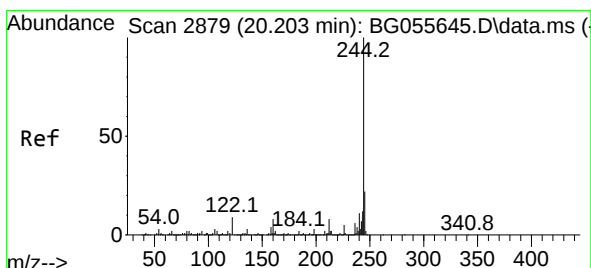
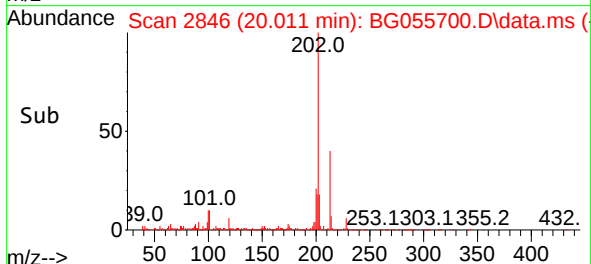
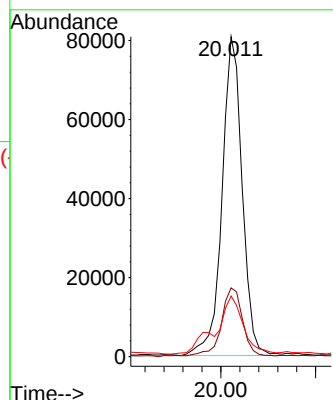
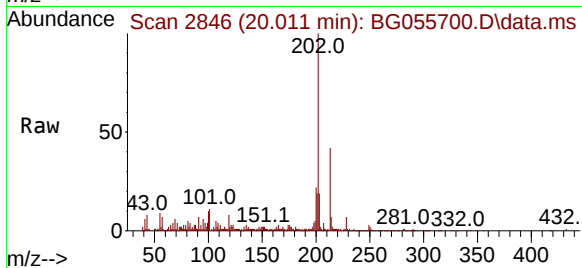
Tgt Ion:202 Resp: 119233

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

203 19.0 14.4 21.6



#79

Terphenyl-d14

Concen: 40.510 ng

RT: 20.199 min Scan# 2878

Delta R.T. -0.005 min

Lab File: BG055700.D

Acq: 18 Nov 2022 21:39

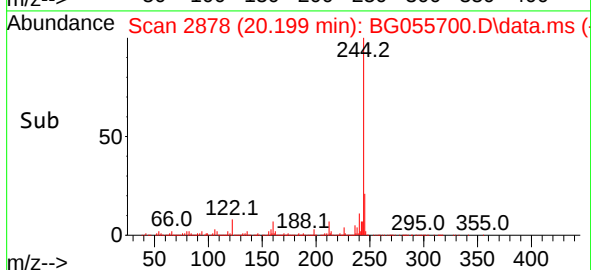
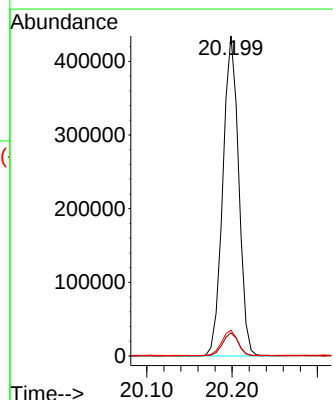
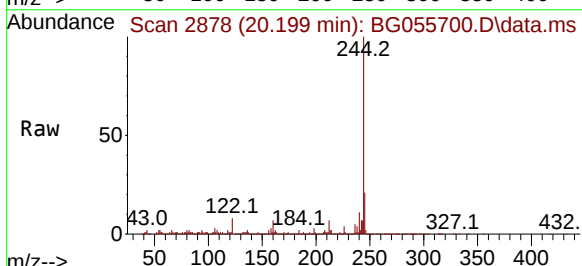
Tgt Ion:244 Resp: 561545

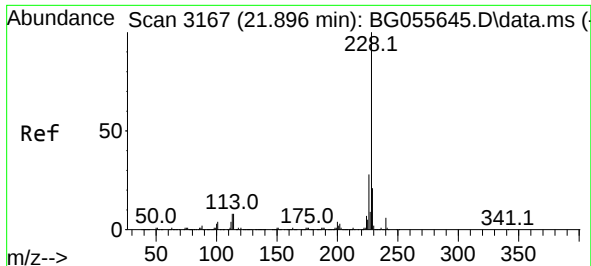
Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 8.0 6.9 10.3

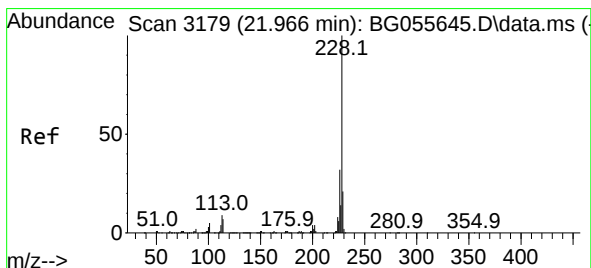
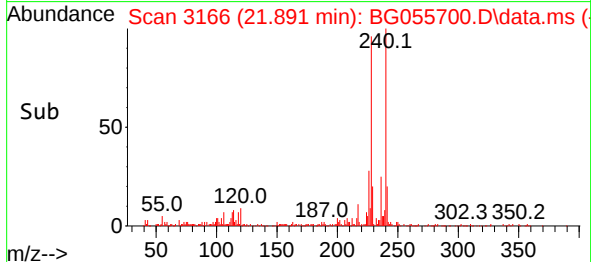
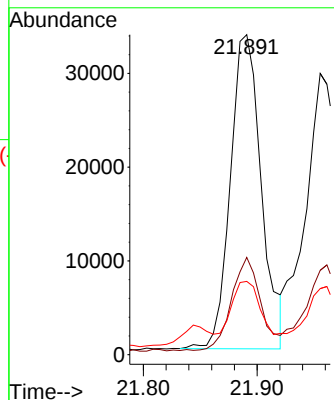
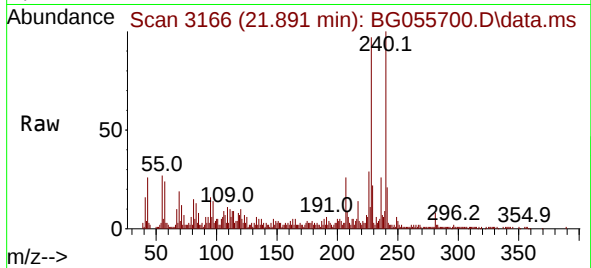




#81
Benzo(a)anthracene
Concen: 3.313 ng
RT: 21.891 min Scan# 3166
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

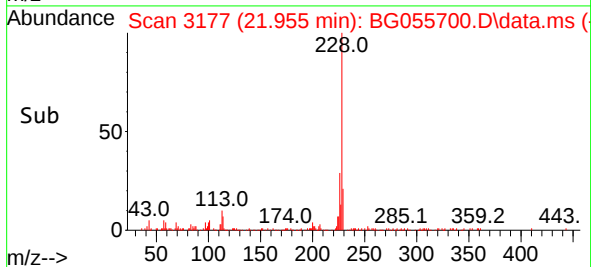
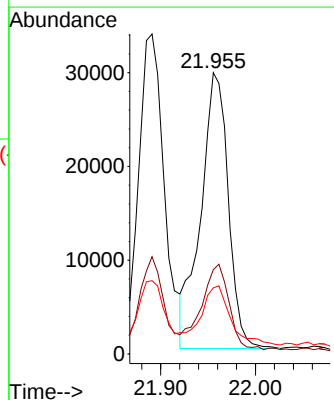
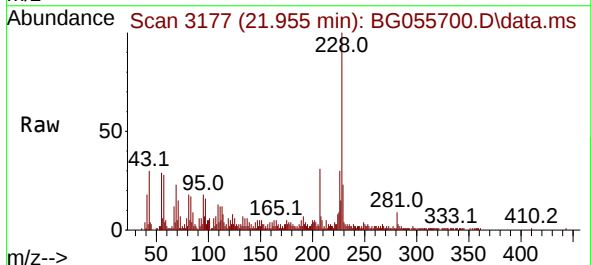
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

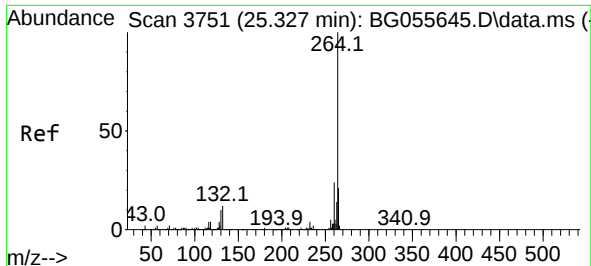
Tgt Ion:228 Resp: 63274
Ion Ratio Lower Upper
228 100
226 30.4 22.7 34.1
229 22.9 16.5 24.7



#83
Chrysene
Concen: 3.276 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.011 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:228 Resp: 59550
Ion Ratio Lower Upper
228 100
226 30.0 25.4 38.2
229 23.5 17.1 25.7

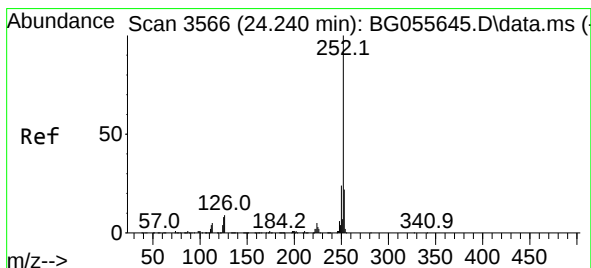
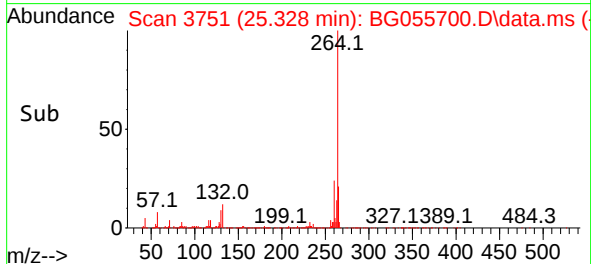
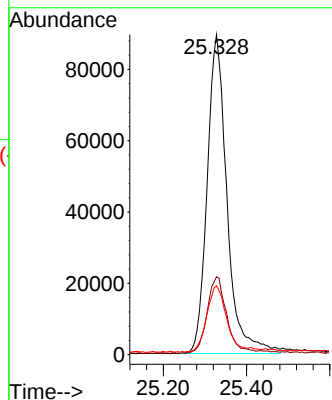
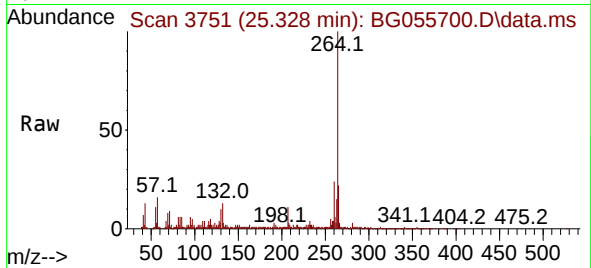




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.328 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

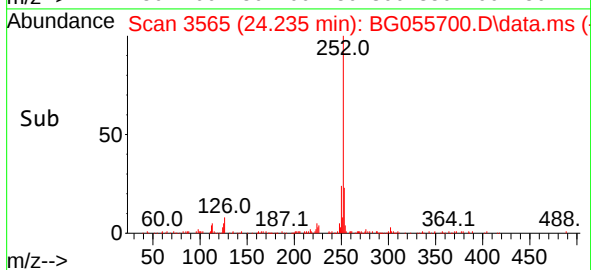
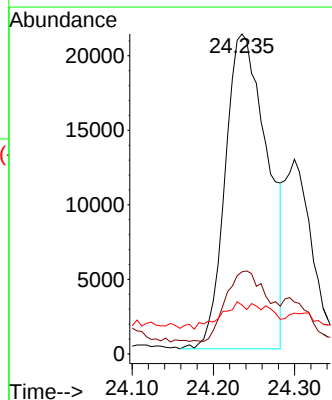
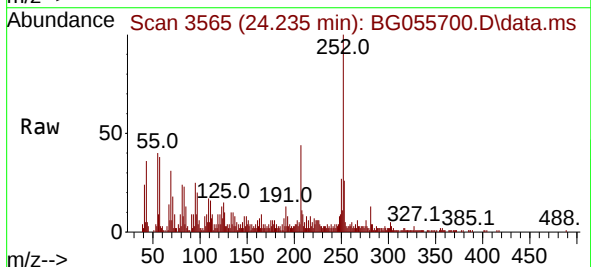
Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

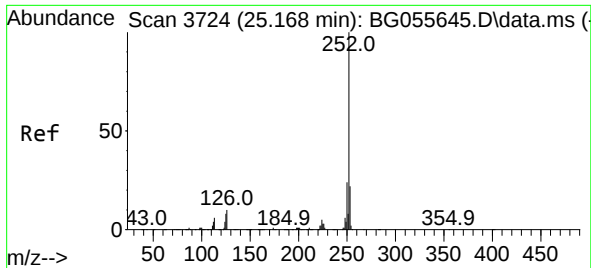
Tgt Ion:264 Resp: 295694
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.5 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 3.959 ng
RT: 24.235 min Scan# 3565
Delta R.T. -0.005 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Tgt Ion:252 Resp: 76242
Ion Ratio Lower Upper
252 100
253 25.6 18.0 27.0
125 15.3 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 3.545 ng
RT: 25.158 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG055700.D
Acq: 18 Nov 2022 21:39

Instrument :
BNA_G
ClientSampleId :
WC-COMP-1

Tgt Ion:252 Resp: 58579
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.6
125 16.7 6.4 9.6#

